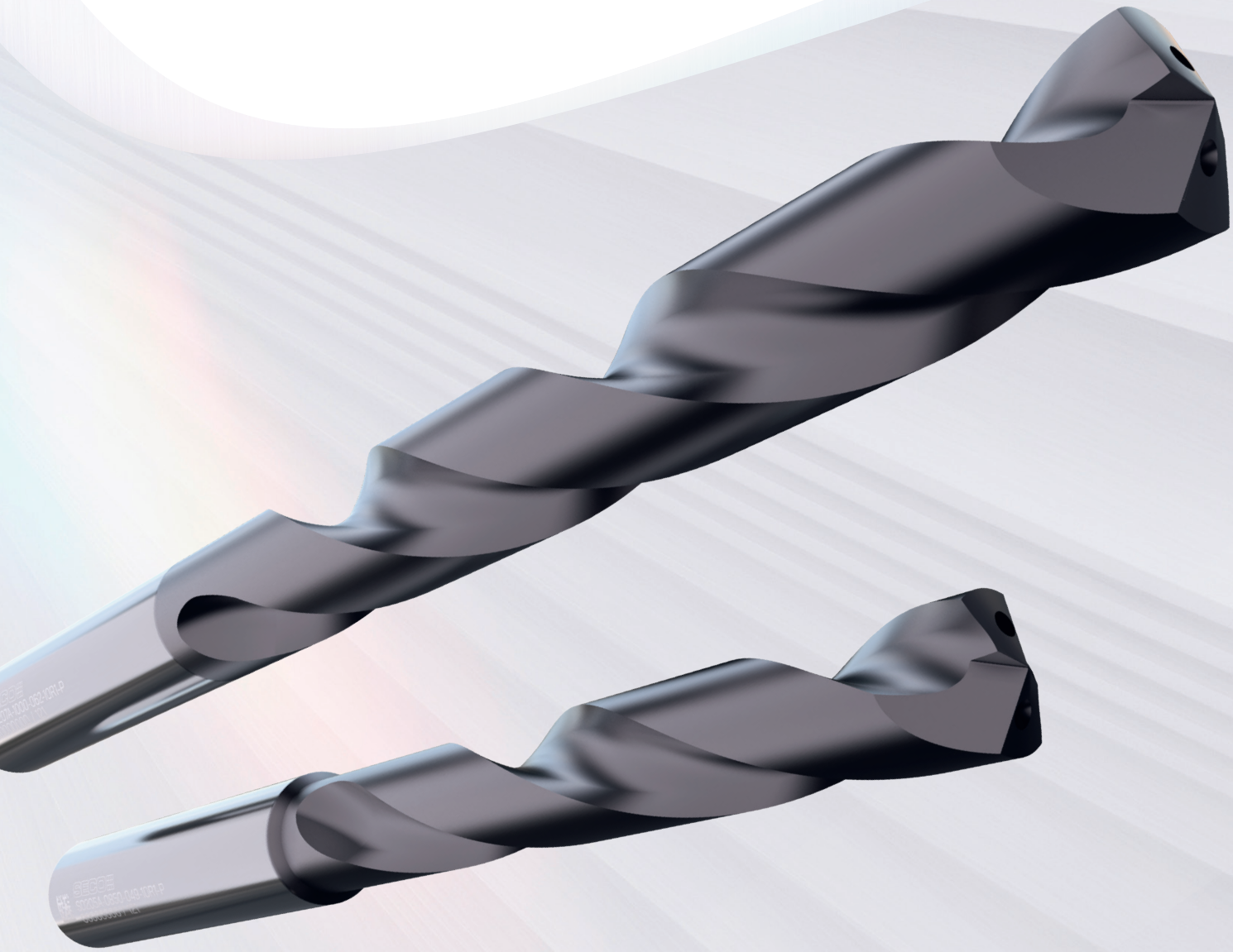
Catalogo e guida tecnica

Lavorazione fori 2025.2



Seco è una realtà multinazionale operante nel settore metalmeccanico, che realizza utensili, tecnologie e soluzioni per le sfide produttive più avanzate.

La sostenibilità, la produttività, l'innovazione tecnologica, le competenze e la passione per i clienti sono il cuore pulsante dell'azienda.

Sviluppiamo e forniamo tecnologie, processi e supporto su cui potrai sempre contare per massimizzare la tua produttività e la redditività con uno sguardo al futuro. L'elemento umano per noi di Seco è fondamentale. Lavoriamo a stretto contatto coi clienti per comprendere le loro necessità.

Intraprendiamo collaborazioni con università e associazioni di settore per monitorare tendenze e sviluppare soluzioni che soddisfino le esigenze di segmenti specifici. Collaboriamo strettamente coi fornitori di tecnologie complementari per garantire che i produttori abbiano accesso a soluzioni completamente ottimizzate.

Made for Makers

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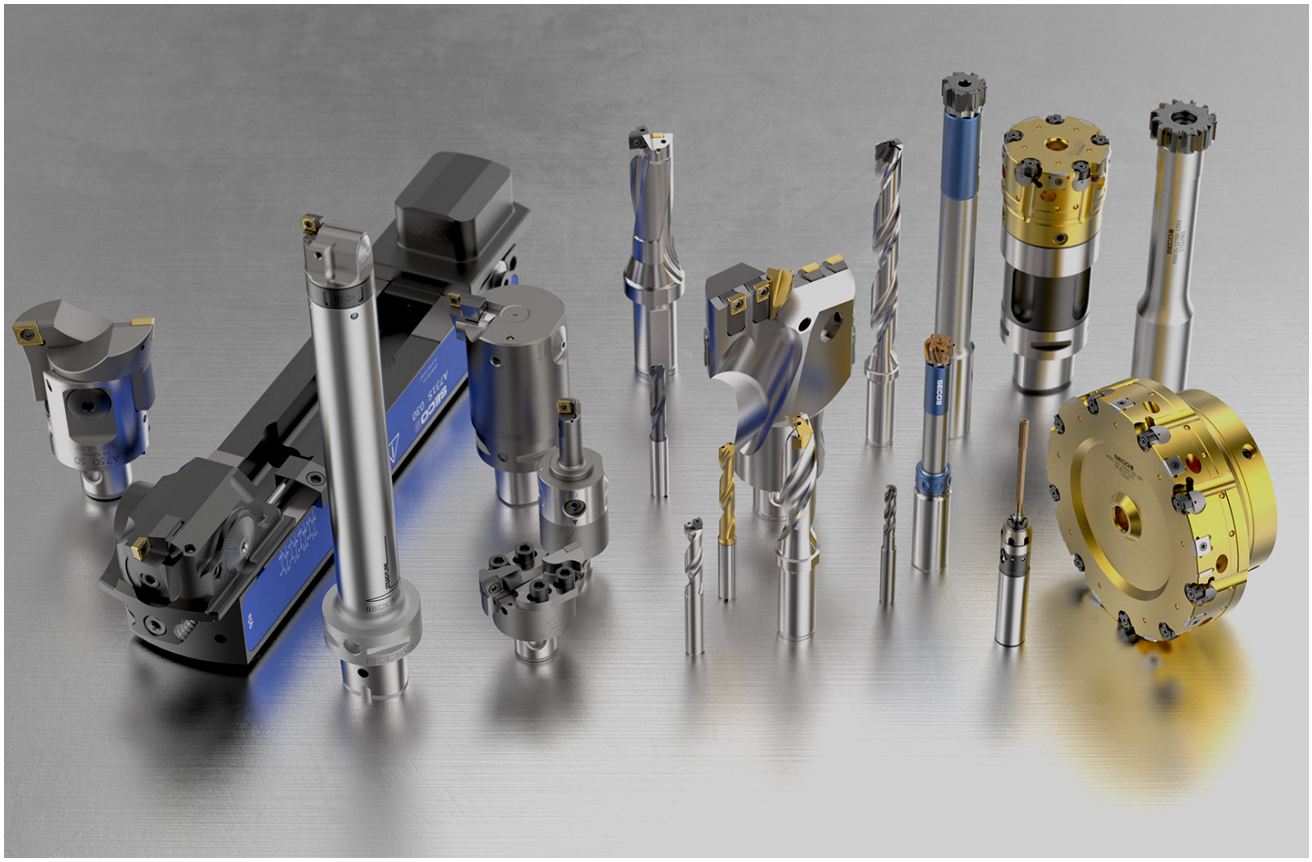
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Superare qualsiasi sfida nella lavorazione fori

La lavorazione fori può fare la differenza tra profitti e perdite e il successo richiede utensili di qualità per ottenere il massimo livello di produttività e di riduzione dei costi.

Per raggiungere questo livello di successo, i produttori hanno bisogno di un partner in grado di dimostrare la bontà dei processi e testare nuove soluzioni. Un partner capace di affrontare tutte le sfide specifiche con una gamma completa di utensili per foratura, alesatura e barenatura.

Seco Tools è il vostro fornitore unico di soluzioni complete per la lavorazione fori. Con anni di esperienza nello sviluppo di soluzioni per le applicazioni più impegnative dei clienti, disponiamo delle competenze di ricerca e sviluppo e taglio dei metalli necessarie per aiutare i produttori a raggiungere processi ottimali. Ci impegniamo a garantire la produttività dei nostri clienti. Ciò significa che è possibile acquistare utensili, ricevere assistenza tecnica, consultare esperti e sviluppare soluzioni con un solo fornitore, e accedere ad una gamma completa di punte, alesatori, e teste per barenatura, integrali e intercambiabili.



CHE COSA SI RICHIEDE QUANDO SI ESEGUE UN FORO?

	Foratura			Alesatura				Barenatura		Filettatura			
	Seco Universal Seco Feedmax™	Crownloc® Crownloc® Plus	Perfomax®	Precimaster™ Plus	Nanojet / Nanofix™	Bifix®	Xfix™	Barenatura di sgrossatura	Barenatura di finitura	Threadmaster™	Maschi Threadmaster™		Filettatura di fresatura 396.18./.19./.20
Pag.	26-163	164-230	231-317	322-358	385-406	407-433	434-473	618-521	522-572	Vedere il catalogo di (Filettatura			
													
IT	7-9	9-10	12	6-8	6-8	6-7	6-7	9-10	5-6	–	–	–	–
⌖	0,02 mm *(0.0008")*	0,05 mm *(0.002")*	–	Segue il preforo	Segue il preforo	Segue il preforo	Segue il preforo	0,005 mm *(0.0002")*	0,005 mm *(0.0002")*	–	Segue il preforo	Segue il preforo	–
⌭	0,02 mm *(0.0008")*	0,05 mm *(0.002")*	–	0,007 mm *(0.0003")*	0,007 mm *(0.0003")*	0,005 mm *(0.0002")*	0,005 mm *(0.0002")*	0,02 mm *(0.0008")*	0,01 mm *(0.0004")*	–	–	–	–
$\sqrt{R_a}$	1,0 µm *(39 µin)*	1,6 µm *(63 µin)*	2,0 µm *(79 µin)*	0,6 µm *(24 µin)*	0,6 µm *(24 µin)*	0,25 µm *(10 µin)*	0,8 µm *(31 µin)*	1,0 µm *(39 µin)*	0,6 µm *(24 µin)*	–	–	–	–
TCTR	–	–	–	–	–	–	–	–	–	–	6H 6HX 6G 2B Normal	5HX 2BX Normal-X 6HX 6GX	–
Forma del filetto	–	–	–	–	–	–	–	–	–	M MF UNC UNF NPT NPTF BSP	M MF UNC UNF G NPT NPTF	M MF UNC UNF G	ISO UN W NPT NPTF BSPT

Foratura – Scelta della punta

Punte in metallo duro integrale Seco Feedmax™



PRODUTTIVITÀ
- Elevati avanzamenti e velocità di taglio
- Fori con tolleranza stretta
- Per applicazioni con elevata stabilità
- Per tutti i materiali

Punte con corona sostituibile Crownloc® e Crownloc®Plus



FLESSIBILITÀ
- Corone intercambiabili in metallo duro
- Geometrie per materiali differenti
- Nessuna riaffilatura
- Corone di svariati diametri per ogni corpo punta

Punte ad inserti sostituibili Perfomax®



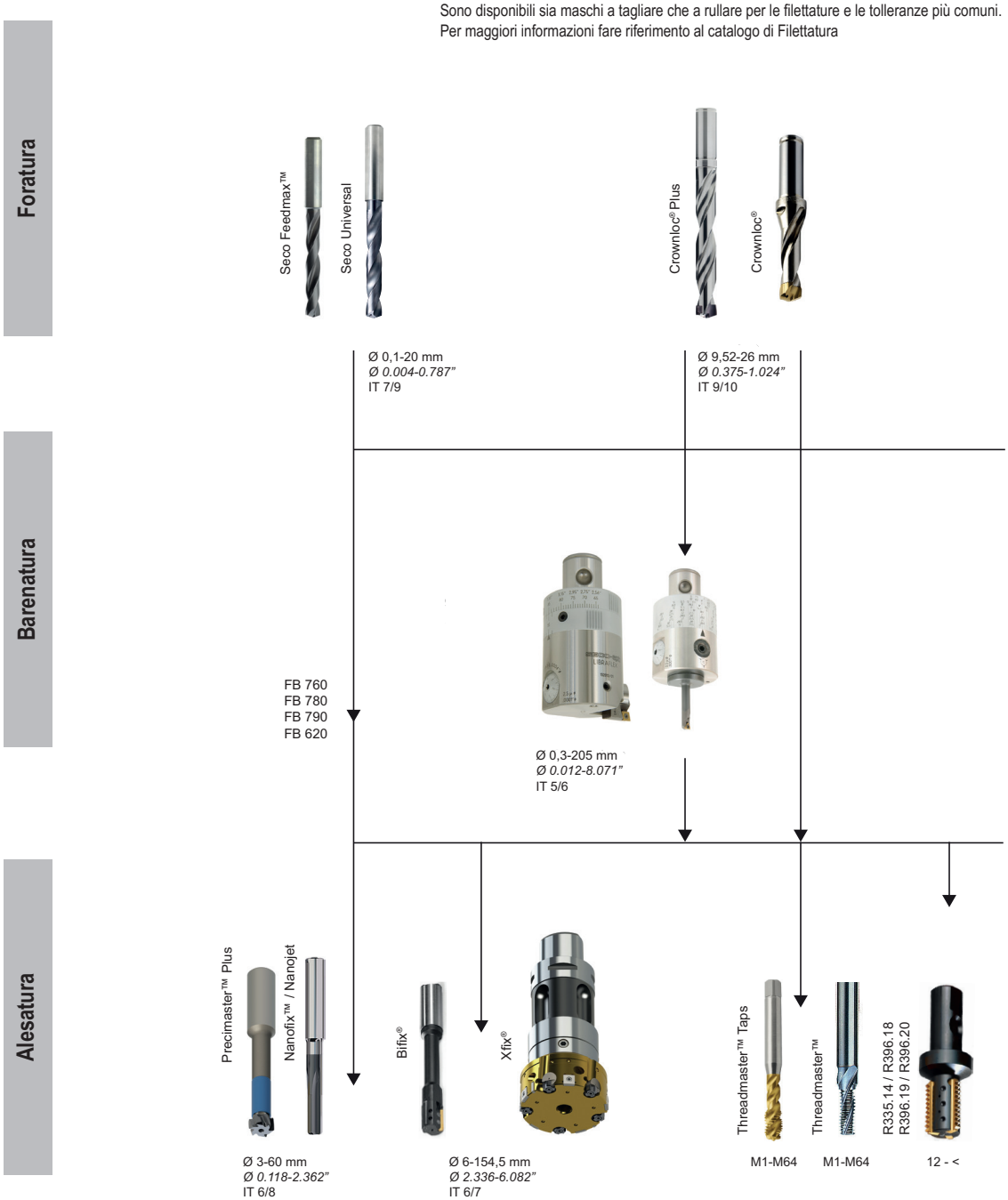
ECONOMIA
- Qualità e geometrie per tutti i materiali
- Inserti quadri per un basso costo per foro
- Foratura, foratura con taglio interrotto, foratura attraverso fori preesistenti con ingresso o uscita inclinati, barenatura, ecc....
- Elevata sicurezza applicativa

Guida agli utensili

Feedmax, Crownloc e Perfomax vengono utilizzate per eseguire fori da 0,1 a 160 mm (0,004-6,299") di diametro, con tolleranze da IT8 a IT12. Per fori preformati, spesso viene utilizzata la barenatura per sgrossatura o per finitura parziale, con ponti di barenatura e ponti Jumbo per i diametri grandi. Infine, l'alta qualità dei fori viene ottenuta con testine per alesatura e per barenatura di finitura, raggiungendo tolleranze IT5 o IT6. * Sgrossatura IT 9/10, ** finitura IT 5/6

Filettatura di Fresatura:
Threadmaster DTM, TM, TM2, 396.18 e 396.19
La stessa fresa può essere impiegata per eseguire sia filettature destre che sinistre. Le versioni metriche e UN sono solo per filettature interne. È anche possibile eseguire tutti i tipi di tolleranza con lo stesso utensile.

Maschiatura:
Threadmaster Tap
Sono disponibili sia maschi a tagliare che a rullare per le filettature e le tolleranze più comuni.
Per maggiori informazioni fare riferimento al catalogo di Filettatura



Fori da fusione



RB 750
RB 610

Ø 18-205 mm
Ø 0.709-8.071”
IT 9/10



Perfomax®



SD602

Ø 15-85 mm
Ø 0.591-3.346”
IT 12

Ø 60-160 mm
Ø 2.362-6.299”
IT 12

Barenatura di sgrossatura



RB 750
RB 610

Ø 18-205 mm
Ø 0.709-8.071”
IT 9/10



BB 731
Jumbo

Ø 204-3205 mm
Ø 8.031-126.181”
*IT 9/10
**IT 5/6

Barenatura di finitura





FB 760
FB 780
FB 790
FB 620

Ø 0,3-205 mm
Ø 0.012-8.071”
IT 5/10

Attributi ISO

Attributo ISO	Spiegazione
ADJLN	Limite minimo regolazione
ADJLX	Limite massimo regolazione
ADJRG	Campo di regolazione
AN	Angolo di spoglia principale
APMX	Profondità di taglio massima
AZ	Massima profondità di penetrazione assiale
B	Larghezza stelo
BD	Diametro corpo
BD1	Diametro corpo 1
BD2	Diametro corpo 2
BDX	Diametro massimo corpo
BHTA	Semi-angolo conicità corpo
BLQ	Codice di qualità dell'equilibratura
BN	Larghezza fascetta di rinforzo
CBDP	Profondità centraggio
CDX	Profondità di taglio massima
CEDC	Conteggio taglienti
CHA	Angolo foro trasversale
CHW	Larghezza smusso frontale
CNT	Dimensione filettatura ingresso refrigerante
CW	Larghezza di taglio
CZC	Codice dimensione connessione
D1	Diametro foro di fissaggio
DC	Diametro
DCB	Diametro centraggio
DCBN	Diametro minimo centraggio
DCBX	Diametro massimo centraggio
DCB1	Diametro centraggio 1
DCC	Codice tipologia disegno
DCINN	Minimo diametro di taglio interno
DCINX	Massimo diametro di taglio interno
DCN	Diametro di taglio minimo
DCON	Diametro centraggio
DCX	Massimo diametro di taglio
DF	Diametro flangia
DMM	Diametro stelo
FLGW	Larghezza flangia
GAN	Angolo di taglio dell'inserto
GB	Angolo fascetta di rinforzo
HTB	Altezza corpo
IC	Diametro del cerchio inscritto
INSD	Diametro inserto
INSL	Lunghezza dell'inserto
KRINS	Angolo di attacco
L	Lunghezza del tagliente
LB	Lunghezza corpo
LB1	Lunghezza corpo 1
LCF	Lunghezza elica
LE	Lunghezza effettiva del tagliente
LF	Lunghezza funzionale
LFS	Lunghezza funzionale secondaria
LH	Lunghezza testina

Attributo ISO	Spiegazione
LPR	Lunghezza sporgenza
LS	Lunghezza dello stelo
LSC	Lunghezza di bloccaggio
LU	Lunghezza utile
LUX	Lunghezza massima utilizzabile
M	Dimensione M
OAL	Lunghezza totale
RE	Raggio di punta
S	Spessore inserto
TDZ	Dimensione diametro filettatura
WB	Larghezza corpo
WF	Larghezza funzionale

Gruppo materiale Seco - Introduzione

L'idea base della versione dei gruppi materiale Seco è di classificare i materiali in base alla loro tipologia piuttosto che in base alla loro lavorabilità relativa. Di conseguenza, la classificazione contiene anche altri tipi di materiali, come i materiali compositi. È abbastanza completa, ma è comunque facile identificare a quale gruppo materiale Seco appartiene un particolare materiale.
Ogni gruppo materiale Seco ha uno standard specifico per il materiale in una condizione specifica assegnata, come riferimento per consentire una facile regolazione dei parametri di taglio per qualsiasi materiale reale rispetto a qualsiasi materiale di riferimento Seco (vedere le pagine 679-690).

Consideriamo come esempi il materiale EN C45E per il gruppo P4 e il materilae EN 42CrMo4 per entrambi i gruppi P5 e H5 (vedere ulteriori dettagli sulle tabelle seguenti).
Nel gruppo materiale Seco, la classificazione dei materiali da lavorare ha uno standard specifico per il materiale in una condizione specifica assegnata, come riferimento per un regolazione facile e univoca dei parametri di taglio per qualsiasi materiale reale rispetto a qualsiasi materiale di riferimento Seco. Come esempi, i materiali di riferimento EN C45E per il gruppo materiale Seco P4 ed EN 42 CrMo 4 per il gruppo materiale Seco P5 e il gruppo materiale Seco H5 sono indicati nella tabella 1, dove è indicata la proprietà del materiale del livello di riferimento.

Gruppo materiale Seco	Descrizione	Proprietà	Riferimento
P4	Acciai da costruzione basso legati, 0,25% < C < 0,67%w Acciai da bonifica basso legati	520 < R_m < 1200	C 45E R_m = 660 N/mm^2
P5	Acciai da costruzione, 0,25% < C < 0,67%wt Acciai da bonifica	550 < R_m < 1200	42 CrMo 4 R_m = 700 N/mm^2

Gruppo materiale Seco	Descrizione	Proprietà	Riferimento
H5	Acciai bonificati	38 < HRC < 56	42 CrMo 4 50 HRC

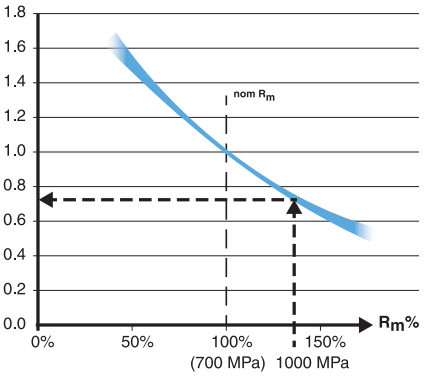
Concentrandosi specificamente sul EN 42 CrMo 4 in condizioni di ricottura, la resistenza alla tensione finale R_m può variare in genere tra R_m = 630 N/mm^2 e R_m = 780 N/mm^2, che forniscono un livello di riferimento per il gruppo materiale Seco P5.

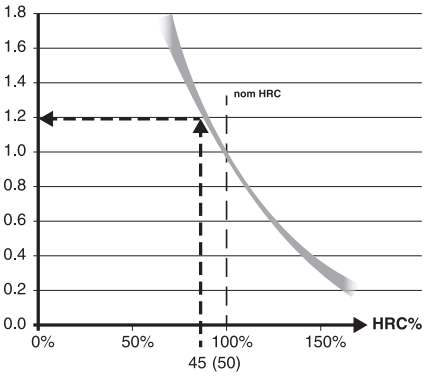
In condizione di bonifica, la resistenza alla tensione finale Rm può essere generalmente compresa tra R_m = 900 N/mm^2 e R_m = 1100 N/mm^2, quindi appartiene ancora al gruppo materiale Seco P5. Tuttavia, se temprato al di sopra di R_m = 1200 N/mm^2, ora appartiene al gruppo materiale Seco H5.

Gruppo materiale Seco	EN	W.-Nr	AFNOR	BS	UNI	JIS	AISI / ASTM	GOST	Condizioni	R_{m_nom}	HRC_{nom}
P4	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Ricottura	700	
	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Da bonifica	1000	
H5	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Da bonifica		45
	42 CrMo 4	1.1201	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	4142, 4140	38HM	Da bonifica		50

L'acciaio da bonifica EN 42CrMo4 può essere utilizzato per illustrare la dipendenza di lavorabilità della condizione dei materiali.

I grafici riportati di seguito indicano in che modo le raccomandazioni di velocità per le condizioni nominali di un materiale possono essere regolate per $R_{m\ relativo}$ (diagramma a sinistra valido per ISO-P) e per HRC relativo (valido per ISO-H).





Per illustrare ulteriormente in che modo è possibile regolare il valore v_c nominale per il gruppo materiale Seco P5 ad un valore v_c più accurato, sono necessari i dati Rm della resistenza alla tensione finale e in questo caso si utilizza EN 42 CrMo 4 da bonifica a R_m = 1000 N/mm2 in base alla tabella precedente (frecce in grassetto blu). Supponiamo che il gruppo materiale Seco P5 nominale v_c = 280 m/min per un prodotto e una lavorazione determinati.
Quindi, il valore v_c effettivo consigliato = 280 m/min x 0,75 = 210 m/min. Di conseguenza, nel gruppo materiale Seco H5, il v_c nominale può essere regolato utilizzando EN 42 CrMo 4 temprato in HRC 45 (frecce grigie più piccole).

Supponiamo che il gruppo materiale Seco H5 nominale v_c = 50 m/min per un determinato prodotto e che la lavorazione avvenga con un utensile in metallo duro rivestito, quindi il valore v_c effettivo consigliato = 50 m/min x 1,2 = 60 m/min.
Per ulteriori dettagli sul materiale da lavorare, vedere le pagine 679-690 e i parametri di taglio suggeriti alle pagine applicabili.
Per una gestione più pratica dei parametri di taglio, consigliamo gli utensili applicabili in My Pages – Suggest su www.secotools.com

Soluzioni ad alte prestazioni e Universal

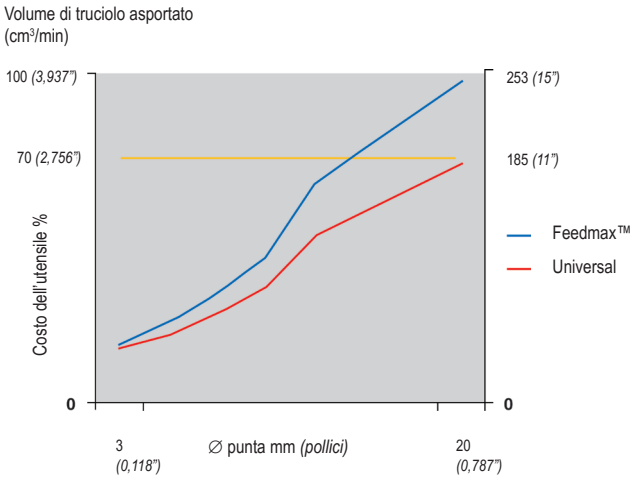
Cosa richiedete quando eseguite una foratura con una punta integrale?

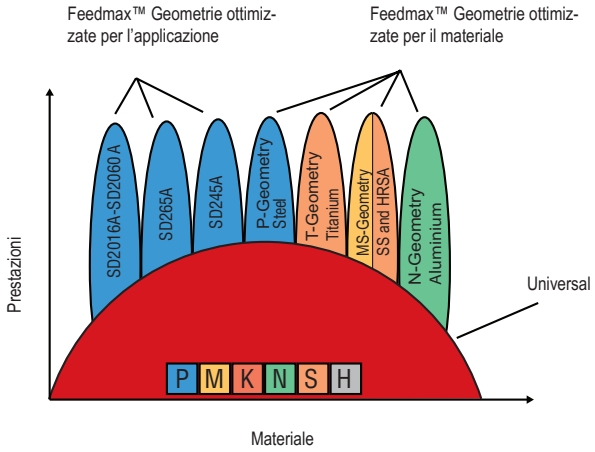
Universal – Punta in metallo duro integrale con versatilità e produttività

Universal è una punta in metallo duro integrale versatile, che può essere impiegata in una vasta gamma di materiali e applicazioni in tutti i settori industriali. Grazie alla robusta geometria autocentrante a 140° e alla eccellente qualità della finitura, vengono garantite ad un costo molto basso elevata produttività, sicurezza e flessibilità applicativa.
Con Universal è possibile utilizzare lo stesso utensile in diverse applicazioni e di conseguenza ridurre i tempi di set up. Universal è un'alternativa a Seco Feedmax™ quando gli obiettivi principali sono versatilità, flessibilità e riduzione dei costi relativi alla gestione utensili.

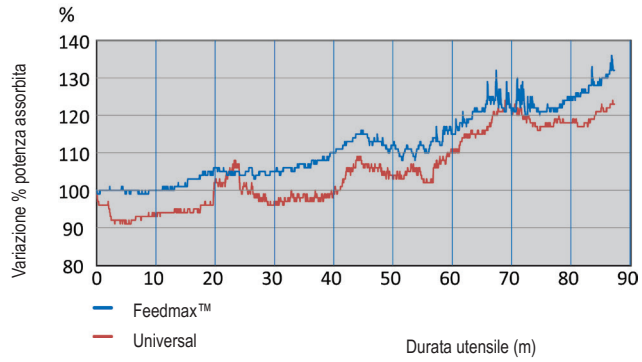
Feedmax™ – Punta in metallo duro integrale ad alta produttività

Feedmax ™ offre una combinazione unica di metallo duro, rivestimento e geometria all'avanguardia.
Feedmax™ è progettata per alta produttività e basso costo per foro, con avanzamenti elevati, fino a 0,70 mm/giro *(0,028 pollici/giro)*, ed alte velocità di taglio, fino a 220 m/min *(720 sf/min)*. Grazie alle capacità autocentranti, si ottengono fori di alta qualità anche senza eseguire operazioni di centratura. Grazie al rivestimento di ultima generazione con elevata durezza a caldo, ai taglienti robusti con smussi di protezione, al cilindretto in metallo duro ad elevata resistenza, alle eccellenti capacità di evacuazione truciolo ed all'eccellente qualità della geometria di taglio, si ottiene una durata lunga e prevedibile.
Feedmax™ ha una vasta gamma di geometrie ottimizzate per materiali ed applicazioni diverse, per ottenere un foro di buona qualità al costo più basso.





Durata con parametri di taglio bassi

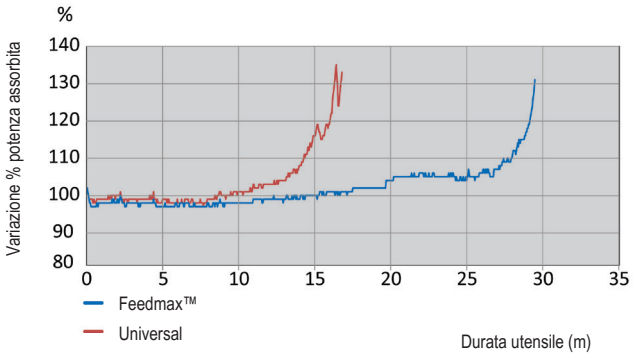


Percentuale di sforzo al mandrino; valore di riferimento 100% rilevato al primo foro
Parametri di taglio
v_c = 90 m/min
f = 0,15 mm/giro

v_c = 295 sf/min
f = 0,006 pollici/giro

Materiale = gruppo materiale P5-P6, SS2244, DIN41CrMo4, AISI 4140

Durata con parametri di taglio alti

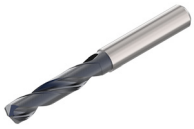
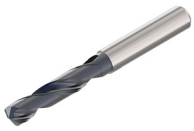
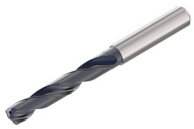


Percentuale di sforzo al mandrino; valore di riferimento 100% rilevato al primo foro
Parametri di taglio
v_c = 160 m/min
f = 0,24 mm/giro

v_c = 525 sf/min
f = 0,009 pollici/giro

Materiale = gruppo materiale P5-P6, SS2244, DIN41CrMo4, AISI 4140

Panoramica della gamma

Universal & Feedmax™	Pagine	Gamma ∅	Profondità di foratura	Tolleranza ∅ punta	Tolleranza foro (1)	Finitura superficiale (2)
SD1103 	Pagine 27, 28, 29, 30, 31	∅ 3-20 mm *(0.118-0.787")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD1103A 	Pagine 32, 33, 34, 35, 36	∅ 3-20 mm *(0.118-0.787")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD1105A 	Pagine 37, 38, 39, 40, 41, 42, 43	∅ 3-20 mm *(0.118-0.787")*	~ 5 x D	m7	IT 8-9	Ra 1-3 µm *(Ra 39-118 µin)*
SD1108A 	Pagine 44, 45, 46, 47	∅ 3-20 mm *(0.118-0.787")*	~ 8 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD1112A 	Pagine 48, 49, 50, 51	∅ 3-20 mm *(0.118-0.787")*	~ 12 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD203A-P 	Pagine 53, 54, 55, 56, 57, 58	∅ 2-20 mm *(0.078-0.787")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD205A-P 	Pagine 59, 60, 61, 62, 63, 64, 65	∅ 2-20 mm *(0.078-0.787")*	~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD206, SD206A 	Pagine 66, 67	∅ 0,7-2,0 mm *(0.027-0.078")*	~ 6 x D	h6	IT 9	Ra 1-2 µm *(Ra 39-79 µin)*
SD207A-P 	Pagine 68, 69, 70	∅ 3-20 mm *(0.118-0.787")*	~ 7 x D	m7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*

1) Possono verificarsi variazioni a seconda del materiale da lavorare e dei parametri di taglio utilizzati.
2) La profondità di foratura, i parametri di taglio, la pressione del refrigerante e il materiale da lavorare possono causare il deterioramento della finitura superficiale.

Panoramica della gamma

Feedmax™	Pagine	Gamma ∅	Profondità di foratura	Tolleranza ∅ punta	Tolleranza foro (1)	Finitura superficiale (2)
SD2016A 	Pagine 71	∅ 3-12 mm *(0.118-0.472")*	~ 16 x D	h7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD2020A 	Pagine 72	∅ 3-10 mm *(0.118-0.393")*	~ 20 x D	h7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD2025A 	Pagine 73	∅ 3-10 mm *(0.118-0.393")*	~ 25 x D	h7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD2030A 	Pagine 74	∅ 3-10 mm *(0.118-0.393")*	~ 30 x D	h7	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD2040A 	Pagine 75	∅ 3-8 mm *(0.118-0.315")*	~ 40 x D	e8	IT 9-10	Ra 1-3 µm *(Ra 39-118 µin)*
SD2050A 	Pagine 76	∅ 3-6,35 mm *(0.118-0.250")*	~ 50 x D	e8	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*
SD2060A 	Pagine 76	∅ 3-5 mm *(0.118-0.197")*	~ 60 x D	e8	IT 9	Ra 1-3 µm *(Ra 39-118 µin)*

1) Possono verificarsi variazioni a seconda del materiale da lavorare e dei parametri di taglio utilizzati.
2) La profondità di foratura, i parametri di taglio, la pressione del refrigerante e il materiale da lavorare possono causare il deterioramento della finitura superficiale.

Panoramica della gamma

Feedmax™	Pagine	Gamma ∅	Profondità di foratura	Tolleranza ∅ punta	Tolleranza foro (1)	Finitura superficiale (2)
SD245A 	Pagine 77-78, 79	∅ 5-14 mm *(0.196-0.551")*	~ 5 x D	m7	IT 8	Ra 1-2 µm *(Ra 39-79 µin)*
SD265A 	Pagine 81	∅ 6-16 mm *(0.236-0.630")*	~ 5 x D	js6	IT 7	Ra 1-2 µm *(Ra 39-79 µin)*
SD203A-MS Superleghe 	Pagine 88, 89, 90, 91	∅ 2-20 mm *(0.079-0.551")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD205A-MS Superleghe 	Pagine 92, 93, 94, 95	∅ 2-20 mm *(0.079-0.551")*	~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD203A-M 	Pagine 96, 97, 98	∅ 3-14,25 mm *(0.118-0.561")*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD205A-M 	Pagine 99, 100, 101	∅ 2,5-16 mm *(0.098-0.630")*	~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD203A-T, SD205A-T 	Pagine 102, 103	∅ 4,73-12 mm *(0.188-0.472")*	~ 3 x D, ~ 5 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*
SD203A-N 	Pagine 104, 105	∅ 2,5-14 mm *(0.098-0.551)*	~ 3 x D	m7	IT 8-9	Ra 1-2 µm *(Ra 39-79 µin)*

1) Possono verificarsi variazioni a seconda del materiale da lavorare e dei parametri di taglio utilizzati.
2) La profondità di foratura, i parametri di taglio, la pressione del refrigerante e il materiale da lavorare possono causare il deterioramento della finitura superficiale.

Panoramica della gamma

Feedmax™	Pagine	Gamma ∅	Profondità di foratura	Tolleranza ∅ punta	Tolleranza foro (1)	Finitura superficiale (2)
SD205A-C1, -C2 	Pagine 109-109	∅ 6-9,55 mm *(0.236-0.376")*	~ 5 x D	m7	IT 9	–
SD203-CX1 	Pagine 110	∅ 3,26-9,53 mm *(0.128-0.375")*	~ 5 x D	m7	IT 9	–
SD22 	Pagine 112, 113, 114, 115, 116, 117	∅ 0,1-2,0 mm *(0.004-0.079")*	~ 2 x D	0,005/0 mm (+0.0002"/0)	–	–
SD26 	Pagine 118, 119, 120, 121, 122, 123	∅ 0,1-2,0 mm *(0.004-0.079")*	~ 6 x D	0/-0,004 mm (0/-0.00016")	–	–

1) Possono verificarsi variazioni a seconda del materiale da lavorare e dei parametri di taglio utilizzati.
2) La profondità di foratura, i parametri di taglio, la pressione del refrigerante e il materiale da lavorare possono causare il deterioramento della finitura superficiale.

Chiave di codifica

Universal

SD1105	A	–	0850	–	049	–	10	R	1
1	2		3		4		5	6	7

1.
Tipo di punta - Punta in metallo duro integrale:
SD1103: ~3 x D
SD1105: ~5 x D
SD1108: ~8 x D
SD1112: ~12 x D

2.
Adduzione refrigerante interna

3.
Diametro punta

4.
Profondità di foratura

5.
Diametro dello stelo

6.
Rotazione destra

7.
Tipo di attacco
1. Cilindrico

Feedmax™

SD205	A	–	0950	–	049	–	10	R	1	–	P
1	2		3		4		5	6	7		8



1.
Tipo di punta - Punta in metallo duro integrale:
SD203: ~3 x D
SD205: ~5 x D
SD207: ~7 x D
SD2040: ~40 x D
SD2050: ~50 x D
SD2060: ~60 x D

2.
Adduzione refrigerante interna

3.
Diametro punta

4.
Profondità di foratura

5.
Diametro dello stelo

6.
Rotazione destra

7.
Tipo di attacco
1. Cilindrico

8.
P - Geometria per acciaio
MS - Geometria per superleghe e acciaio inossidabile

Feedmax™

SD205	A	–	9.5	–	45	–	10	R	1	–	M
1	2		3		4		5	6	7		8

1.
Tipo di punta - Punta in metallo duro integrale:
SD206: ~6 x D
SD2016A: ~16 x D
SD2020A: ~20 x D
SD2025A: ~25 x D
SD2030A: ~30 x D
SD245: ~5 x D
SD265: ~5 x D
SD22: ~2 x D
SD26: ~6 x D

2.
Adduzione refrigerante interna

3.
Diametro punta

4.
Profondità di foratura

5.
Diametro dello stelo

6.
Rotazione destra

7.
Tipo di attacco
1. Cilindrico
5. Whistle Notch

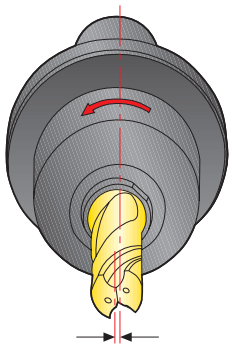
8.
M - Geometria per acciai inossidabili
T - Geometria per leghe di titanio
N - Geometria per alluminio
C1 - Geometria per CFRP ed uscita su CFRP
C2 - Geometria per CFRP e uscita su Ti o Al
CX1 - Punte in PCD per CFRP e GFRP

Montaggio

Attacchi/eccentricità
Le punte con attacco cilindrico possono essere utilizzate con attacchi a calettamento termico, attacchi a bloccaggio idraulico o con pinze di precisione.
Mantenere l'eccentricità complessiva entro 0,04 mm (0,0016") misurata in macchina. Il massimo rendimento della punta si ottiene contenendo l'eccentricità entro 0,02 mm (0,0008").

Stabilità
La stabilità dell'applicazione è importante per la migliore durata utensile e precisione dei fori.
Controllare le condizioni del mandrino macchina, il fissaggio e lo staffaggio dei componenti per assicurare la massima rigidità e stabilità.
Condizioni di lavoro poco stabili possono causare la rottura dell'utensile.

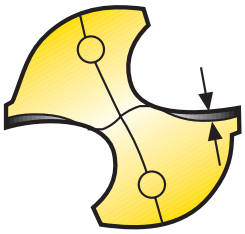
Attacchi consigliati



Per il massimo rendimento della punta utilizzare gli attacchi:
Tipo 5603 - Attacchi a calettamento termico, tipo DIN
Tipo 5834/HC/HCR/HCS
Tipo 5672 - Pinze ad alta precisione
Per ulteriori informazioni, vedere il catalogo Sistemi di Utensili

Max. 0,02 mm (0.0008")

Durata utensile
Non utilizzare punte con usura superiore a 0,1-0,3 mm (0,004-0,012") misurata nel punto massimo.



0,1-0,3 mm (0,004-0,012")

Attacco a calettamento termico:
(solo per attacchi cilindrici -R1)



Mandrino idraulico
(solo per attacchi cilindrici -R1)



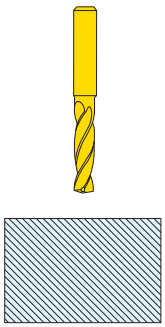
Porta pinze ad alta precisione
(solo per attacchi cilindrici -R1)



Metodi di lavorazione

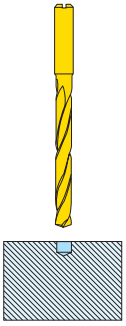
Foro con entrata su una superficie lavorata

3-15 x D



Nessuna pre-foratura e nessun avanzamento d'ingresso necessari.

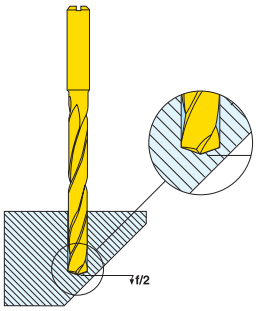
> 16 x D



Usando una punta più lunga è consigliato effettuare un foro pilota.

Foro con uscita inclinata

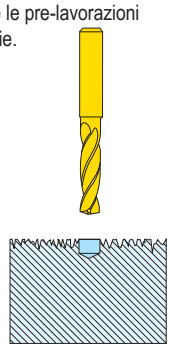
Prima dell'uscita, ridurre l'avanzamento al giro del 50%



Oppure usare punte SD245A.

Foro con entrata irregolare/inclinata

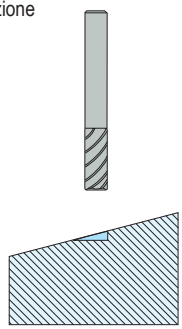
Se il foro ha entrata irregolare o inclinata, effettuare le pre-lavorazioni necessarie.



Foro con entrata regolare

Effettuare un pre-foro con una punta Feedmax standard.

Alternative di pre-lavorazione

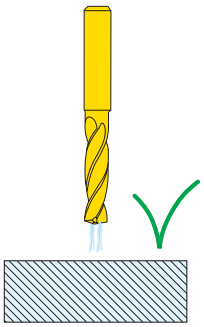


Foro con entrata inclinata

Creare un piano utilizzando una fresa integrale della gamma Seco.

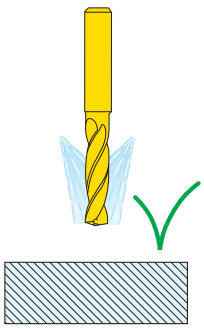
Raccomandazioni sul refrigerante

1.



Prima scelta

2.



≤ 5 x D

1. Pressione refrigerante*
Pressione minima del refrigerante raccomandata
10 bar se ≤ 5 x D
Pressione minima del refrigerante raccomandata
30 bar se > 5 x D
Pressione minima del refrigerante raccomandata
40 bar se > 16 x D

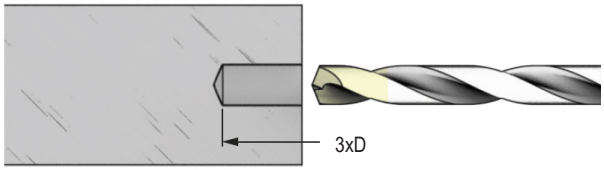
2. Composizione del refrigerante
Percentuale di olio nell'emulsione raccomandata 6-8%. Quando si forano acciaio inossidabile, superleghe ed acciai ad alta resistenza, si consiglia di utilizzare una concentrazione del 10%.

*Se viene utilizzata una pressione refrigerante inferiore, regolare i parametri di taglio di conseguenza.

Ciclo di Foratura profonda - Strategia di lavorazione - Produttività

Da SD2016A (16 x D) a SD2040A (40 x D)

1. Punta pilota

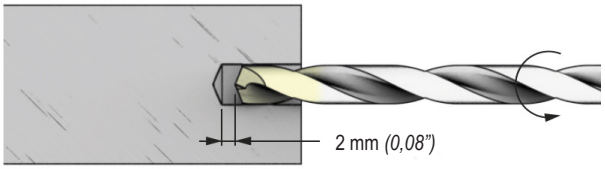




≥ 10 bar
ACCESO

- SD2030A

2. Avviamento

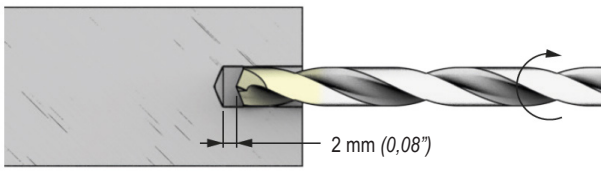




SPENTO

- Fino a SD2040A
- Con rotazione in senso antiorario e arresto 2 mm dal fondo del foro
- n_{max} = 100 giri/min
- V_f = 1000 mm/min

3. Cambio rotazione del mandrino

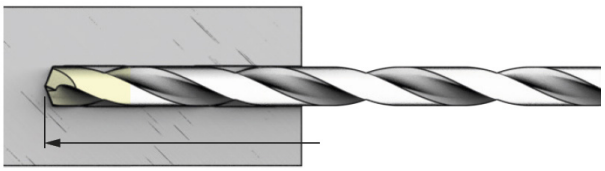




≥40 bar
ACCESO

- Fino a SD2040A
- Cambio rotazione in senso orario e avvio del refrigerante

4. Foratura profonda



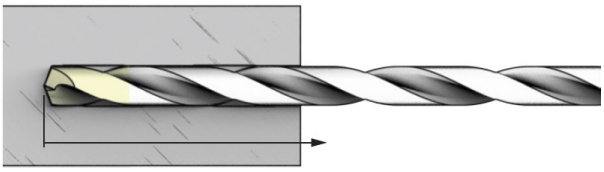


≥40 bar

ACCESO

- Fino a SD2040A
- V_c = 100%
- V_f = 100%

5. Uscita





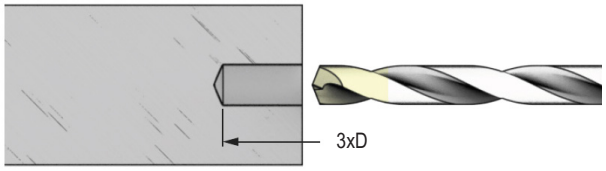
SPENTO

- Fino a SD2040A
- n_{max} = 100 giri/min
- V_f = 1000 mm/min

Ciclo di Foratura profonda - Strategia di lavorazione - Produttività

Da SD2030A (30xD) a SD2060A (60xD)

1. Punta pilota

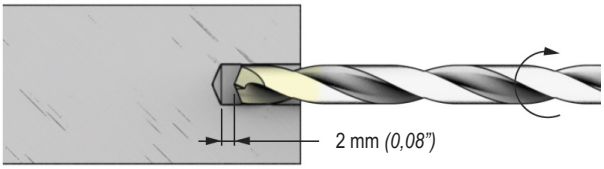




≥ 10 bar
ACCESO

- SD2030A

2. Avviamento

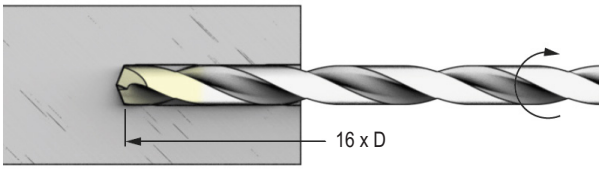




OFF

- Fino a SD2016A
- Con rotazione in senso antiorario e arresto 2 mm dal fondo del foro
- n_{max} = 100 giri/min
- V_f = 1000 mm/min

3. Pre-foratura

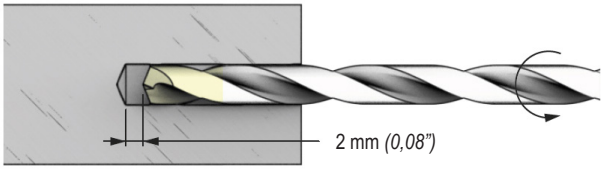




≥ 10 bar
ACCESO

- Fino a SD2016A
- V_c = 100%
- V_f = 100%

4. Avviamento

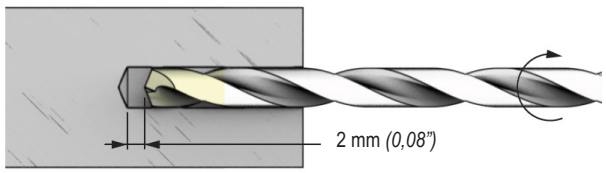




OFF

- Fino a SD2060A
- Con rotazione in senso antiorario e arresto 2 mm dal fondo del foro
- n_{max} = 100 giri/min
- V_f = 1000 mm/min

5. Cambio rotazione del mandrino

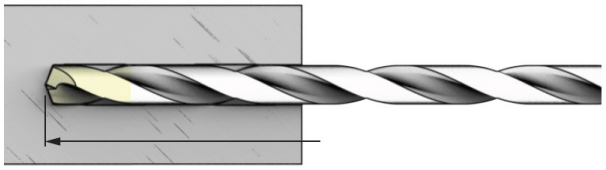




≥40 bar
ACCESO

- SD2030A - SD2060A
- Cambio rotazione in senso orario e avvio del refrigerante

6. Foratura profonda

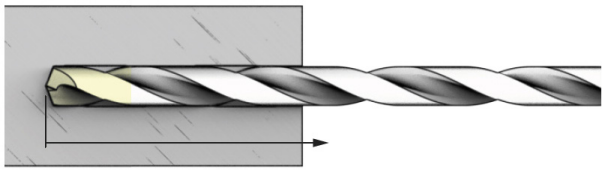




≥40 bar
ACCESO

- SD2030A - SD2060A
- V_c = 100%
- V_f = 100%

7. Uscita



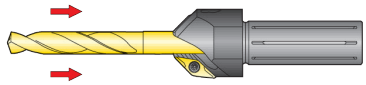


OFF

- SD2030A - SD2060A
- n_{max} = 100 giri/min
- V_f = 1000 mm/min

Istruzioni di montaggio del modulo per smussi

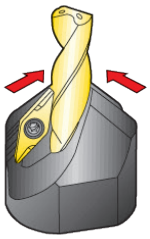
1.



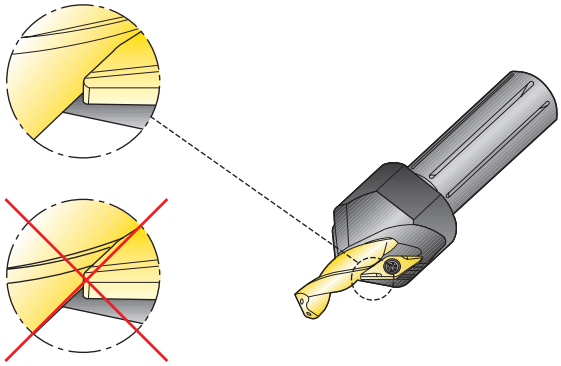
2.

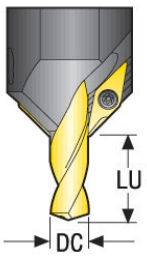


3.

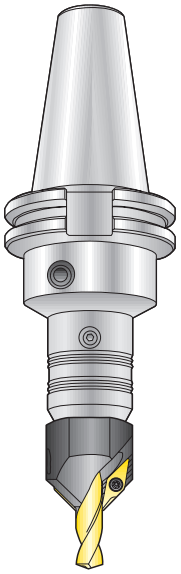


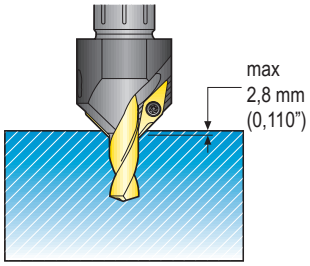
4.





Massima profondità di smussatura





Diametro punta DC		LU profondità di foratura (min-max) SD1103 / SD203A		SD1105 / SD205A		SD207A	
mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*
4,00-4,75	*.157-.187*	4-17	*.157-.669*	10-27	*.394-1.063*	30-45	*1.181-1.772*
4,76-6,00	*.187-.236*	6-20	*.236-.787*	18-32	*.709-1.260*	30-45	*1.181-1.772*
6,01-8,00	*.241-.315*	15-27	*.590-1.063*	28-42	*1.102-1.653*	42-57	*1.653-2.244*
8,01-10,00	*.315-.394*	17-31	*.669-1.220*	34-48	*1.338-1.890*	47-62	*1.850-2.441*
10,01-12,00	*.394-.472*	21-36	*.826-1.417*	40-56	*1.575-2.205*	57-72	*2.244-2.835*
12,01-14,00	*.473-.551*	22-37	*.866-1.457*	43-59	*1.693-2.323*	68-83	*2.677-3.268*
14,01-16,00	*.552-.630*	23-39	*.906-1.535*	44-60	*1.732-2.362*	76-92	*2.992-3.622*

Da utilizzare esclusivamente con attacco cilindrico (R1).



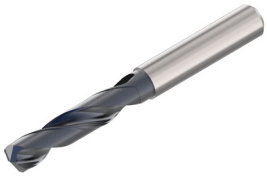
Seco Universal – Punte a diametro singolo

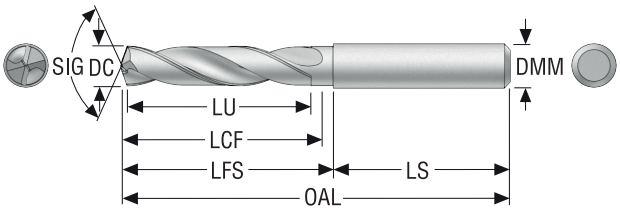
Le punte in metallo duro integrale Seco Universal sono una soluzione conveniente e versatile che si adatta perfettamente alla produzione di lotti di piccole e medie dimensioni. Le punte Seco Universal sono adatte per la maggior parte delle applicazioni in tutti i segmenti industriali.

- Geometria multi-uso a 4 faccette con eccellenti proprietà di centraggio
- Rivestimento in TiAlN altamente resistente all'usura che garantisce una lunga durata dell'utensile
- Utilizzabile in combinazione con maschi Threadmaster™ Tap e in operazioni di pre-foratura con Nanofix™/ Precimaster™ Plus

SD1103

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante esterna
—Per i parametri di taglio raccomandati, vedere pagina(e) 134
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC mm Inch	LU mm Inch	OAL mm Inch	LFS mm Inch	LS mm Inch	LCF mm Inch	DMM mm Inch	Angolo di punta	Rivestimento	Tolleranza foro
SD1103-0300-014-06R1 *SD_DRILL_3.0MM_3XD*	02898974	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0310-014-06R1 *SD_DRILL_3.1MM_3XD*	02898975	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0318-014-06R1 *SD_DRILL_1/8_3XD*	02898976	3,175 *0.125*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0320-014-06R1 *SD_DRILL_3.2MM_3XD*	02898977	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0325-014-06R1 *SD_DRILL_3.25MM_3XD*	02898978	3,25 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0330-014-06R1 *SD_DRILL_3.3MM_3XD*	02898979	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0340-014-06R1 *SD_DRILL_3.4MM_3XD*	02898980	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0350-014-06R1 *SD_DRILL_3.5MM_3XD*	02898981	3,5 *0.138*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0357-014-06R1 *SD_DRILL_9/64_3XD*	02898982	3,572 *0.141*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0360-014-06R1 *SD_DRILL_3.6MM_3XD*	02898983	3,6 *0.142*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0365-014-06R1 *SD_DRILL_3.65MM_3XD*	02898984	3,65 *0.144*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0370-014-06R1 *SD_DRILL_3.7MM_3XD*	02898985	3,7 *0.146*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0380-017-06R1 *SD_DRILL_3.8MM_3XD*	02898986	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0390-017-06R1 *SD_DRILL_3.9MM_3XD*	02898987	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0397-017-06R1 *SD_DRILL_5/32_3XD*	02898988	3,969 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0400-017-06R1 *SD_DRILL_4.0MM_3XD*	02898989	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0410-017-06R1 *SD_DRILL_4.1MM_3XD*	02898990	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0420-017-06R1 *SD_DRILL_4.2MM_3XD*	02898991	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0430-017-06R1 *SD_DRILL_4.3MM_3XD*	02898992	4,3 *0.169*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0437-017-06R1 *SD_DRILL_11/64_3XD*	02898993	4,366 *0.172*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0440-017-06R1 *SD_DRILL_4.4MM_3XD*	02898994	4,4 *0.173*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0450-017-06R1 *SD_DRILL_4.5MM_3XD*	02898995	4,5 *0.177*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0460-017-06R1 *SD_DRILL_4.6MM_3XD*	02898996	4,6 *0.181*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0465-017-06R1 *SD_DRILL_4.65MM_3XD*	02898997	4,65 *0.183*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0470-017-06R1 *SD_DRILL_4.7MM_3XD*	02898998	4,7 *0.185*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103-0476-020-06R1 *SD_DRILL_3/16_3XD*	02898999	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0480-020-06R1 *SD_DRILL_4.8MM_3XD*	02899000	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0490-020-06R1 *SD_DRILL_4.9MM_3XD*	02899001	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0500-020-06R1 *SD_DRILL_5.0MM_3XD*	02899002	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0510-020-06R1 *SD_DRILL_5.1MM_3XD*	02899003	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0516-020-06R1 *SD_DRILL_13/64_3XD*	02899004	5,159 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0520-020-06R1 *SD_DRILL_5.2MM_3XD*	02899005	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0530-020-06R1 *SD_DRILL_5.3MM_3XD*	02899006	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0540-020-06R1 *SD_DRILL_5.4MM_3XD*	02899007	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0550-020-06R1 *SD_DRILL_5.5MM_3XD*	02899008	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0555-020-06R1 *SD_DRILL_5.55MM_3XD*	02899009	5,55 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0556-020-06R1 *SD_DRILL_7/32_3XD*	02899010	5,556 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0560-020-06R1 *SD_DRILL_5.6MM_3XD*	02899011	5,6 *0.220*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0570-020-06R1 *SD_DRILL_5.7MM_3XD*	02899012	5,7 *0.224*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0580-020-06R1 *SD_DRILL_5.8MM_3XD*	02899013	5,8 *0.228*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0590-020-06R1 *SD_DRILL_5.9MM_3XD*	02899014	5,9 *0.232*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0595-020-06R1 *SD_DRILL_15/64_3XD*	02899015	5,953 *0.234*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0600-020-06R1 *SD_DRILL_6.0MM_3XD*	02899016	6,0 *0.236*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103-0610-024-08R1 *SD_DRILL_6.1MM_3XD*	02899017	6,1 *0.240*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0620-024-08R1 *SD_DRILL_6.2MM_3XD*	02899018	6,2 *0.244*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0630-024-08R1 *SD_DRILL_6.3MM_3XD*	02899019	6,3 *0.248*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0635-024-08R1 *SD_DRILL_1/4_3XD*	02899020	6,35 *0.250*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0640-024-08R1 *SD_DRILL_6.4MM_3XD*	02899021	6,4 *0.252*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0650-024-08R1 *SD_DRILL_6.5MM_3XD*	02899022	6,5 *0.256*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0660-024-08R1 *SD_DRILL_6.6MM_3XD*	02899024	6,6 *0.260*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0675-024-08R1 *SD_DRILL_17/64_3XD*	02899025	6,747 *0.266*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0680-024-08R1 *SD_DRILL_6.8MM_3XD*	02899026	6,8 *0.268*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0690-024-08R1 *SD_DRILL_6.9MM_3XD*	02899027	6,9 *0.272*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0700-024-08R1 *SD_DRILL_7.0MM_3XD*	02899028	7,0 *0.276*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0710-029-08R1 *SD_DRILL_7.1MM_3XD*	02899029	7,1 *0.280*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0714-029-08R1 *SD_DRILL_9/32_3XD*	02899030	7,144 *0.281*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0720-029-08R1 *SD_DRILL_7.2MM_3XD*	02899031	7,2 *0.283*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0730-029-08R1 *SD_DRILL_7.3MM_3XD*	02899032	7,3 *0.287*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0740-029-08R1 *SD_DRILL_7.4MM_3XD*	02899033	7,4 *0.291*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0750-029-08R1 *SD_DRILL_7.5MM_3XD*	02899034	7,5 *0.295*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9

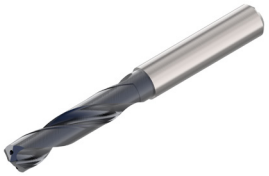
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103-0754-029-08R1 *SD_DRILL_19/64_3XD*	02899035	7,541 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0755-029-08R1 *SD_DRILL_7.55MM_3XD*	02899036	7,55 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0760-029-08R1 *SD_DRILL_7.6MM_3XD*	02899037	7,6 *0.299*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0770-029-08R1 *SD_DRILL_7.7MM_3XD*	02899038	7,7 *0.303*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0780-029-08R1 *SD_DRILL_7.8MM_3XD*	02899040	7,8 *0.307*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0790-029-08R1 *SD_DRILL_7.9MM_3XD*	02899041	7,9 *0.311*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0794-029-08R1 *SD_DRILL_5/16_3XD*	02899042	7,938 *0.313*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0800-029-08R1 *SD_DRILL_8.0MM_3XD*	02899043	8,0 *0.315*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103-0810-035-10R1 *SD_DRILL_8.1MM_3XD*	02899044	8,1 *0.319*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0820-035-10R1 *SD_DRILL_8.2MM_3XD*	02899045	8,2 *0.323*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0830-035-10R1 *SD_DRILL_8.3MM_3XD*	02899046	8,3 *0.327*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0833-035-10R1 *SD_DRILL_21/64_3XD*	02899047	8,334 *0.328*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0840-035-10R1 *SD_DRILL_8.4MM_3XD*	02899048	8,4 *0.331*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0850-035-10R1 *SD_DRILL_8.5MM_3XD*	02899049	8,5 *0.335*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0860-035-10R1 *SD_DRILL_8.6MM_3XD*	02899050	8,6 *0.339*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0870-035-10R1 *SD_DRILL_8.7MM_3XD*	02899051	8,7 *0.343*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0873-035-10R1 *SD_DRILL_11/32_3XD*	02899052	8,731 *0.344*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0880-035-10R1 *SD_DRILL_8.8MM_3XD*	02899053	8,8 *0.346*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0890-035-10R1 *SD_DRILL_8.9MM_3XD*	02899054	8,9 *0.350*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0900-035-10R1 *SD_DRILL_9.0MM_3XD*	02899055	9,0 *0.354*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0910-035-10R1 *SD_DRILL_9.1MM_3XD*	02899056	9,1 *0.358*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0913-035-10R1 *SD_DRILL_23/64_3XD*	02899058	9,128 *0.359*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0920-035-10R1 *SD_DRILL_9.2MM_3XD*	02899059	9,2 *0.362*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0930-035-10R1 *SD_DRILL_9.3MM_3XD*	02899060	9,3 *0.366*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0940-035-10R1 *SD_DRILL_9.4MM_3XD*	02899061	9,4 *0.370*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0950-035-10R1 *SD_DRILL_9.5MM_3XD*	02899062	9,5 *0.374*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0953-035-10R1 *SD_DRILL_3/8_3XD*	02899063	9,525 *0.375*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0955-035-10R1 *SD_DRILL_9.55MM_3XD*	02899064	9,55 *0.376*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0960-035-10R1 *SD_DRILL_9.6MM_3XD*	02899065	9,6 *0.378*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0970-035-10R1 *SD_DRILL_9.7MM_3XD*	02899066	9,7 *0.382*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0980-035-10R1 *SD_DRILL_9.8MM_3XD*	02899067	9,8 *0.386*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0990-035-10R1 *SD_DRILL_9.9MM_3XD*	02899068	9,9 *0.390*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-0992-035-10R1 *SD_DRILL_25/64_3XD*	02899069	9,922 *0.391*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-1000-035-10R1 *SD_DRILL_10.0MM_3XD*	02899070	10,0 *0.394*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103-1020-040-12R1 *SD_DRILL_10.2MM_3XD*	02899071	10,2 *0.402*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9

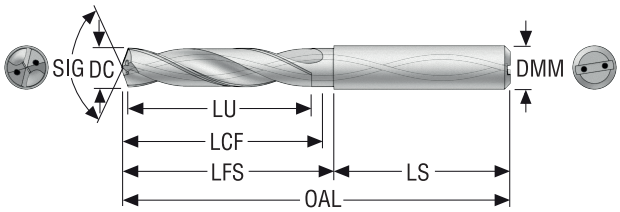
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103-1032-040-12R1 *SD_DRILL_13/32_3XD*	02899072	10,319 *0.406*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1040-040-12R1 *SD_DRILL_10.4MM_3XD*	02899073	10,4 *0.409*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1050-040-12R1 *SD_DRILL_10.5MM_3XD*	02899074	10,5 *0.413*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1060-040-12R1 *SD_DRILL_10.6MM_3XD*	02899075	10,6 *0.417*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1072-040-12R1 *SD_DRILL_27/64_3XD*	02899076	10,716 *0.422*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1080-040-12R1 *SD_DRILL_10.8MM_3XD*	02899077	10,8 *0.425*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1090-040-12R1 *SD_DRILL_10.9MM_3XD*	02899078	10,9 *0.429*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1100-040-12R1 *SD_DRILL_11.0MM_3XD*	02899079	11,0 *0.433*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1110-040-12R1 *SD_DRILL_11.1MM_3XD*	02899080	11,1 *0.437*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1111-040-12R1 *SD_DRILL_7/16_3XD*	02899081	11,113 *0.438*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1120-040-12R1 *SD_DRILL_11.2MM_3XD*	02899082	11,2 *0.441*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1130-040-12R1 *SD_DRILL_11.3MM_3XD*	02899083	11,3 *0.445*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1140-040-12R1 *SD_DRILL_11.4MM_3XD*	02899084	11,4 *0.449*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1150-040-12R1 *SD_DRILL_11.5MM_3XD*	02899085	11,5 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1151-040-12R1 *SD_DRILL_29/64_3XD*	02899086	11,509 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1155-040-12R1 *SD_DRILL_11.55MM_3XD*	02899087	11,55 *0.455*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1160-040-12R1 *SD_DRILL_11.6MM_3XD*	02899088	11,6 *0.457*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1170-040-12R1 *SD_DRILL_11.7MM_3XD*	02899089	11,7 *0.461*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1180-040-12R1 *SD_DRILL_11.8MM_3XD*	02899090	11,8 *0.465*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1190-040-12R1 *SD_DRILL_11.9MM_3XD*	02899091	11,9 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1191-040-12R1 *SD_DRILL_15/32_3XD*	02899092	11,906 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1200-040-12R1 *SD_DRILL_12.0MM_3XD*	02899093	12,0 *0.472*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103-1210-043-14R1 *SD_DRILL_12.1MM_3XD*	02899094	12,1 *0.476*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1220-043-14R1 *SD_DRILL_12.2MM_3XD*	02899095	12,2 *0.480*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1230-043-14R1 *SD_DRILL_31/64_3XD*	02899096	12,303 *0.484*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1240-043-14R1 *SD_DRILL_12.4MM_3XD*	02899097	12,4 *0.488*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1250-043-14R1 *SD_DRILL_12.5MM_3XD*	02899098	12,5 *0.492*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1260-043-14R1 *SD_DRILL_12.6MM_3XD*	02899099	12,6 *0.496*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1270-043-14R1 *SD_DRILL_1/2_3XD*	02899100	12,7 *0.500*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1275-043-14R1 *SD_DRILL_12.75MM_3XD*	02899101	12,75 *0.502*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1280-043-14R1 *SD_DRILL_12.8MM_3XD*	02899102	12,8 *0.504*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1290-043-14R1 *SD_DRILL_12.9MM_3XD*	02899103	12,9 *0.508*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1300-043-14R1 *SD_DRILL_13.0MM_3XD*	02899104	13,0 *0.512*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1310-043-14R1 *SD_DRILL_33/64_3XD*	02899105	13,1 *0.516*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1320-043-14R1 *SD_DRILL_13.2MM_3XD*	02899106	13,2 *0.520*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103-1330-043-14R1 *SD_DRILL_13.3MM_3XD*	02899107	13,3 *0.524*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1340-043-14R1 *SD_DRILL_13.4MM_3XD*	02899108	13,4 *0.528*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1349-043-14R1 *SD_DRILL_17/32_3XD*	02899109	13,494 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1350-043-14R1 *SD_DRILL_13.5MM_3XD*	02899110	13,5 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1360-043-14R1 *SD_DRILL_13.6MM_3XD*	02899111	13,6 *0.535*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1370-043-14R1 *SD_DRILL_13.7MM_3XD*	02899112	13,7 *0.539*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1380-043-14R1 *SD_DRILL_13.8MM_3XD*	02899113	13,8 *0.543*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1390-043-14R1 *SD_DRILL_35/64_3XD*	02899114	13,9 *0.547*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1400-043-14R1 *SD_DRILL_14.0MM_3XD*	02899115	14,0 *0.551*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103-1420-045-16R1 *SD_DRILL_14.2MM_3XD*	02899116	14,2 *0.559*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1429-045-16R1 *SD_DRILL_9/16_3XD*	02899117	14,288 *0.563*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1450-045-16R1 *SD_DRILL_14.5MM_3XD*	02899119	14,5 *0.571*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1470-045-16R1 *SD_DRILL_14.7MM_3XD*	02899120	14,7 *0.579*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1475-045-16R1 *SD_DRILL_14.75MM_3XD*	02899121	14,75 *0.581*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1480-045-16R1 *SD_DRILL_14.8MM_3XD*	02899122	14,8 *0.583*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1500-045-16R1 *SD_DRILL_15.0MM_3XD*	02899123	15,0 *0.591*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1510-045-16R1 *SD_DRILL_15.1MM_3XD*	02899124	15,1 *0.594*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1530-045-16R1 *SD_DRILL_15.3MM_3XD*	02899125	15,3 *0.602*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1550-045-16R1 *SD_DRILL_15.5MM_3XD*	02899126	15,5 *0.610*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1570-045-16R1 *SD_DRILL_15.7MM_3XD*	02899127	15,7 *0.618*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1580-045-16R1 *SD_DRILL_15.8MM_3XD*	02899128	15,8 *0.622*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1588-045-16R1 *SD_DRILL_5/8_3XD*	02899129	15,875 *0.625*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1600-045-16R1 *SD_DRILL_16.0MM_3XD*	02899130	16,0 *0.630*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103-1650-051-18R1 *SD_DRILL_16.5MM_3XD*	02899131	16,5 *0.650*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1700-051-18R1 *SD_DRILL_17.0MM_3XD*	02899132	17,0 *0.669*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1750-051-18R1 *SD_DRILL_17.5MM_3XD*	02899133	17,5 *0.689*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1800-051-18R1 *SD_DRILL_18.0MM_3XD*	02899134	18,0 *0.709*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103-1850-055-20R1 *SD_DRILL_18.5MM_3XD*	02899135	18,5 *0.728*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-1900-055-20R1 *SD_DRILL_19.0MM_3XD*	02899136	19,0 *0.748*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-1905-055-20R1 *SD_DRILL_3/4_3XD*	02899137	19,05 *0.750*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-1950-055-20R1 *SD_DRILL_19.5MM_3XD*	02899138	19,5 *0.768*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103-2000-055-20R1 *SD_DRILL_20.0MM_3XD*	02899139	20,0 *0.787*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9

SD1103A

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 135
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC mm Inch	LU mm Inch	OAL mm Inch	LFS mm Inch	LS mm Inch	LCF mm Inch	DMM mm Inch	Angolo di punta	Rivestimento	Tolleranza foro
SD1103A-0300-014-06R1 *SD_DRILL_3.0MM_3XD_A*	02898244	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0310-014-06R1 *SD_DRILL_3.1MM_3XD_A*	02898245	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0318-014-06R1 *SD_DRILL_1/8_3XD_A*	02898246	3,175 *0.125*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0320-014-06R1 *SD_DRILL_3.2MM_3XD_A*	02898247	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0325-014-06R1 *SD_DRILL_3.25MM_3XD_A*	02898248	3,25 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0330-014-06R1 *SD_DRILL_3.3MM_3XD_A*	02898249	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0340-014-06R1 *SD_DRILL_3.4MM_3XD_A*	02898250	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0350-014-06R1 *SD_DRILL_3.5MM_3XD_A*	02898251	3,5 *0.138*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0357-014-06R1 *SD_DRILL_9/64_3XD_A*	02898252	3,572 *0.141*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0360-014-06R1 *SD_DRILL_3.6MM_3XD_A*	02898253	3,6 *0.142*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0365-014-06R1 *SD_DRILL_3.65MM_3XD_A*	02898254	3,65 *0.144*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0370-014-06R1 *SD_DRILL_3.7MM_3XD_A*	02898255	3,7 *0.146*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0380-017-06R1 *SD_DRILL_3.8MM_3XD_A*	02898256	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0390-017-06R1 *SD_DRILL_3.9MM_3XD_A*	02898257	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0397-017-06R1 *SD_DRILL_5/32_3XD_A*	02898258	3,969 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0400-017-06R1 *SD_DRILL_4.0MM_3XD_A*	02898259	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0410-017-06R1 *SD_DRILL_4.1MM_3XD_A*	02898260	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0420-017-06R1 *SD_DRILL_4.2MM_3XD_A*	02898261	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0430-017-06R1 *SD_DRILL_4.3MM_3XD_A*	02898262	4,3 *0.169*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0437-017-06R1 *SD_DRILL_11/64_3XD_A*	02898263	4,366 *0.172*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0450-017-06R1 *SD_DRILL_4.5MM_3XD_A*	02898264	4,5 *0.177*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0460-017-06R1 *SD_DRILL_4.6MM_3XD_A*	02898265	4,6 *0.181*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0465-017-06R1 *SD_DRILL_4.65MM_3XD_A*	02898266	4,65 *0.183*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0470-017-06R1 *SD_DRILL_4.7MM_3XD_A*	02898267	4,7 *0.185*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0476-020-06R1 *SD_DRILL_3/16_3XD_A*	02898268	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103A-0480-020-06R1 *SD_DRILL_4.8MM_3XD_A*	02898269	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0490-020-06R1 *SD_DRILL_4.9MM_3XD_A*	02898270	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0500-020-06R1 *SD_DRILL_5.0MM_3XD_A*	02898271	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0510-020-06R1 *SD_DRILL_5.1MM_3XD_A*	02898272	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0516-020-06R1 *SD_DRILL_13/64_3XD_A*	02898273	5,159 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0520-020-06R1 *SD_DRILL_5.2MM_3XD_A*	02898275	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0530-020-06R1 *SD_DRILL_5.3MM_3XD_A*	02898276	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0540-020-06R1 *SD_DRILL_5.4MM_3XD_A*	02898277	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0550-020-06R1 *SD_DRILL_5.5MM_3XD_A*	02898278	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0555-020-06R1 *SD_DRILL_5.55MM_3XD_A*	02898279	5,55 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0556-020-06R1 *SD_DRILL_7/32_3XD_A*	02898280	5,556 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0560-020-06R1 *SD_DRILL_5.6MM_3XD_A*	02898281	5,6 *0.220*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0570-020-06R1 *SD_DRILL_5.7MM_3XD_A*	02898282	5,7 *0.224*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0580-020-06R1 *SD_DRILL_5.8MM_3XD_A*	02898283	5,8 *0.228*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0590-020-06R1 *SD_DRILL_5.9MM_3XD_A*	02898284	5,9 *0.232*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0595-020-06R1 *SD_DRILL_15/64_3XD_A*	02898285	5,953 *0.234*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0600-020-06R1 *SD_DRILL_6.0MM_3XD_A*	02898286	6,0 *0.236*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1103A-0610-024-08R1 *SD_DRILL_6.1MM_3XD_A*	02898287	6,1 *0.240*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0620-024-08R1 *SD_DRILL_6.2MM_3XD_A*	02898288	6,2 *0.244*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0630-024-08R1 *SD_DRILL_6.3MM_3XD_A*	02898289	6,3 *0.248*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0635-024-08R1 *SD_DRILL_1/4_3XD_A*	02898290	6,35 *0.250*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0640-024-08R1 *SD_DRILL_6.4MM_3XD_A*	02898291	6,4 *0.252*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0650-024-08R1 *SD_DRILL_6.5MM_3XD_A*	02898292	6,5 *0.256*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0660-024-08R1 *SD_DRILL_6.6MM_3XD_A*	02898293	6,6 *0.260*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0670-024-08R1 *SD_DRILL_6.7MM_3XD_A*	02898294	6,7 *0.264*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0675-024-08R1 *SD_DRILL_17/64_3XD_A*	02898295	6,747 *0.266*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0680-024-08R1 *SD_DRILL_6.8MM_3XD_A*	02898296	6,8 *0.268*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0690-024-08R1 *SD_DRILL_6.9MM_3XD_A*	02898297	6,9 *0.272*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0700-024-08R1 *SD_DRILL_7.0MM_3XD_A*	02898298	7,0 *0.276*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0710-029-08R1 *SD_DRILL_7.1MM_3XD_A*	02898299	7,1 *0.280*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0714-029-08R1 *SD_DRILL_9/32_3XD_A*	02898300	7,144 *0.281*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0720-029-08R1 *SD_DRILL_7.2MM_3XD_A*	02898301	7,2 *0.283*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0730-029-08R1 *SD_DRILL_7.3MM_3XD_A*	02898302	7,3 *0.287*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0740-029-08R1 *SD_DRILL_7.4MM_3XD_A*	02898303	7,4 *0.291*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0750-029-08R1 *SD_DRILL_7.5MM_3XD_A*	02898304	7,5 *0.295*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103A-0754-029-08R1 *SD_DRILL_19/64_3XD_A*	02898305	7,541 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0755-029-08R1 *SD_DRILL_7.55MM_3XD_A*	02898306	7,55 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0760-029-08R1 *SD_DRILL_7.6MM_3XD_A*	02898307	7,6 *0.299*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0770-029-08R1 *SD_DRILL_7.7MM_3XD_A*	02898308	7,7 *0.303*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0780-029-08R1 *SD_DRILL_7.8MM_3XD_A*	02898309	7,8 *0.307*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0790-029-08R1 *SD_DRILL_7.9MM_3XD_A*	02898310	7,9 *0.311*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0794-029-08R1 *SD_DRILL_5/16_3XD_A*	02898311	7,938 *0.313*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0800-029-08R1 *SD_DRILL_8.0MM_3XD_A*	02898312	8,0 *0.315*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT9
SD1103A-0810-035-10R1 *SD_DRILL_8.1MM_3XD_A*	02898313	8,1 *0.319*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0820-035-10R1 *SD_DRILL_8.2MM_3XD_A*	02898314	8,2 *0.323*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0830-035-10R1 *SD_DRILL_8.3MM_3XD_A*	02898315	8,3 *0.327*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0833-035-10R1 *SD_DRILL_21/64_3XD_A*	02898316	8,334 *0.328*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0840-035-10R1 *SD_DRILL_8.4MM_3XD_A*	02898317	8,4 *0.331*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0850-035-10R1 *SD_DRILL_8.5MM_3XD_A*	02898318	8,5 *0.335*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0860-035-10R1 *SD_DRILL_8.6MM_3XD_A*	02898319	8,6 *0.339*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0870-035-10R1 *SD_DRILL_8.7MM_3XD_A*	02898320	8,7 *0.343*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0873-035-10R1 *SD_DRILL_11/32_3XD_A*	02898321	8,731 *0.344*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0880-035-10R1 *SD_DRILL_8.8MM_3XD_A*	02898322	8,8 *0.346*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0890-035-10R1 *SD_DRILL_8.9MM_3XD_A*	02898323	8,9 *0.350*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0900-035-10R1 *SD_DRILL_9.0MM_3XD_A*	02898324	9,0 *0.354*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0910-035-10R1 *SD_DRILL_9.1MM_3XD_A*	02898325	9,1 *0.358*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0913-035-10R1 *SD_DRILL_23/64_3XD_A*	02898326	9,128 *0.359*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0920-035-10R1 *SD_DRILL_9.2MM_3XD_A*	02898327	9,2 *0.362*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0930-035-10R1 *SD_DRILL_9.3MM_3XD_A*	02898328	9,3 *0.366*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0940-035-10R1 *SD_DRILL_9.4MM_3XD_A*	02898329	9,4 *0.370*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0950-035-10R1 *SD_DRILL_9.5MM_3XD_A*	02898330	9,5 *0.374*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0953-035-10R1 *SD_DRILL_3/8_3XD_A*	02898331	9,525 *0.375*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0955-035-10R1 *SD_DRILL_9.55MM_3XD_A*	02898332	9,55 *0.376*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0960-035-10R1 *SD_DRILL_9.6MM_3XD_A*	02898333	9,6 *0.378*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0970-035-10R1 *SD_DRILL_9.7MM_3XD_A*	02898334	9,7 *0.382*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0980-035-10R1 *SD_DRILL_9.8MM_3XD_A*	02898335	9,8 *0.386*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0990-035-10R1 *SD_DRILL_9.9MM_3XD_A*	02898336	9,9 *0.390*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-0992-035-10R1 *SD_DRILL_25/64_3XD_A*	02898337	9,922 *0.391*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-1000-035-10R1 *SD_DRILL_10.0MM_3XD_A*	02898338	10,0 *0.394*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT9
SD1103A-1020-040-12R1 *SD_DRILL_10.2MM_3XD_A*	02898339	10,2 *0.402*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9

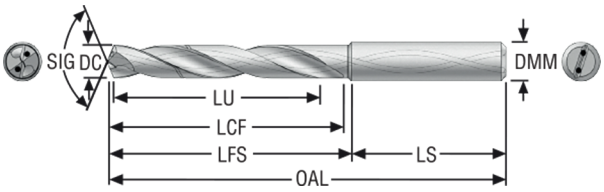
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103A-1032-040-12R1 *SD_DRILL_13/32_3XD_A*	02898340	10,319 *0.406*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1040-040-12R1 *SD_DRILL_10.4MM_3XD_A*	02898341	10,4 *0.409*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1050-040-12R1 *SD_DRILL_10.5MM_3XD_A*	02898342	10,5 *0.413*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1060-040-12R1 *SD_DRILL_10.6MM_3XD_A*	02898343	10,6 *0.417*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1072-040-12R1 *SD_DRILL_27/64_3XD_A*	02898344	10,716 *0.422*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1080-040-12R1 *SD_DRILL_10.8MM_3XD_A*	02898345	10,8 *0.425*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1090-040-12R1 *SD_DRILL_10.9MM_3XD_A*	02898346	10,9 *0.429*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1100-040-12R1 *SD_DRILL_11.0MM_3XD_A*	02898347	11,0 *0.433*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1110-040-12R1 *SD_DRILL_11.1MM_3XD_A*	02898348	11,1 *0.437*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1111-040-12R1 *SD_DRILL_7/16_3XD_A*	02898349	11,113 *0.438*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1120-040-12R1 *SD_DRILL_11.2MM_3XD_A*	02898350	11,2 *0.441*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1130-040-12R1 *SD_DRILL_11.3MM_3XD_A*	02898351	11,3 *0.445*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1140-040-12R1 *SD_DRILL_11.4MM_3XD_A*	02898352	11,4 *0.449*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1150-040-12R1 *SD_DRILL_11.5MM_3XD_A*	02898353	11,5 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1151-040-12R1 *SD_DRILL_29/64_3XD_A*	02898354	11,509 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1155-040-12R1 *SD_DRILL_11.55MM_3XD_A*	02898355	11,55 *0.455*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1160-040-12R1 *SD_DRILL_11.6MM_3XD_A*	02898356	11,6 *0.457*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1170-040-12R1 *SD_DRILL_11.7MM_3XD_A*	02898357	11,7 *0.461*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1180-040-12R1 *SD_DRILL_11.8MM_3XD_A*	02898358	11,8 *0.465*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1190-040-12R1 *SD_DRILL_11.9MM_3XD_A*	02898359	11,9 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1191-040-12R1 *SD_DRILL_15/32_3XD_A*	02898360	11,906 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1200-040-12R1 *SD_DRILL_12.0MM_3XD_A*	02898361	12,0 *0.472*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT9
SD1103A-1210-043-14R1 *SD_DRILL_12.1MM_3XD_A*	02898362	12,1 *0.476*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1220-043-14R1 *SD_DRILL_12.2MM_3XD_A*	02898363	12,2 *0.480*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1230-043-14R1 *SD_DRILL_31/64_3XD_A*	02898364	12,303 *0.484*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1240-043-14R1 *SD_DRILL_12.4MM_3XD_A*	02898365	12,4 *0.488*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1250-043-14R1 *SD_DRILL_12.5MM_3XD_A*	02898366	12,5 *0.492*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1260-043-14R1 *SD_DRILL_12.6MM_3XD_A*	02898367	12,6 *0.496*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1270-043-14R1 *SD_DRILL_1/2_3XD_A*	02898368	12,7 *0.500*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1275-043-14R1 *SD_DRILL_12.75MM_3XD_A*	02898369	12,75 *0.502*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1280-043-14R1 *SD_DRILL_12.8MM_3XD_A*	02898370	12,8 *0.504*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1290-043-14R1 *SD_DRILL_12.9MM_3XD_A*	02898371	12,9 *0.508*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1300-043-14R1 *SD_DRILL_13.0MM_3XD_A*	02898372	13,0 *0.512*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1310-043-14R1 *SD_DRILL_33/64_3XD_A*	02898373	13,1 *0.516*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1320-043-14R1 *SD_DRILL_13.2MM_3XD_A*	02898374	13,2 *0.520*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1103A-1330-043-14R1 *SD_DRILL_13.3MM_3XD_A*	02898375	13,3 *0.524*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1340-043-14R1 *SD_DRILL_13.4MM_3XD_A*	02898376	13,4 *0.528*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1349-043-14R1 *SD_DRILL_17/32_3XD_A*	02898377	13,494 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1350-043-14R1 *SD_DRILL_13.5MM_3XD_A*	02898378	13,5 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1360-043-14R1 *SD_DRILL_13.6MM_3XD_A*	02898379	13,6 *0.535*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1370-043-14R1 *SD_DRILL_13.7MM_3XD_A*	02898380	13,7 *0.539*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1380-043-14R1 *SD_DRILL_13.8MM_3XD_A*	02898381	13,8 *0.543*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1390-043-14R1 *SD_DRILL_13.9MM_3XD_A*	02898382	13,9 *0.547*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1400-043-14R1 *SD_DRILL_14.0MM_3XD_A*	02898383	14,0 *0.551*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT9
SD1103A-1420-045-16R1 *SD_DRILL_14.2MM_3XD_A*	02898384	14,2 *0.559*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1429-045-16R1 *SD_DRILL_9/16_3XD_A*	02898385	14,288 *0.563*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1450-045-16R1 *SD_DRILL_14.5MM_3XD_A*	02898386	14,5 *0.571*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1470-045-16R1 *SD_DRILL_14.7MM_3XD_A*	02898387	14,7 *0.579*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1475-045-16R1 *SD_DRILL_14.75MM_3XD_A*	02898388	14,75 *0.581*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1480-045-16R1 *SD_DRILL_14.8MM_3XD_A*	02898389	14,8 *0.583*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1500-045-16R1 *SD_DRILL_15.0MM_3XD_A*	02898390	15,0 *0.591*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1510-045-16R1 *SD_DRILL_15.1MM_3XD_A*	02898391	15,1 *0.594*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1530-045-16R1 *SD_DRILL_15.3MM_3XD_A*	02898392	15,3 *0.602*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1550-045-16R1 *SD_DRILL_15.5MM_3XD_A*	02898393	15,5 *0.610*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1570-045-16R1 *SD_DRILL_15.7MM_3XD_A*	02898394	15,7 *0.618*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1580-045-16R1 *SD_DRILL_15.8MM_3XD_A*	02898395	15,8 *0.622*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1588-045-16R1 *SD_DRILL_5/8_3XD_A*	02898396	15,875 *0.625*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1600-045-16R1 *SD_DRILL_16.0MM_3XD_A*	02898397	16,0 *0.630*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT9
SD1103A-1650-051-18R1 *SD_DRILL_16.5MM_3XD_A*	02898398	16,5 *0.650*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1700-051-18R1 *SD_DRILL_17.0MM_3XD_A*	02898399	17,0 *0.669*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1750-051-18R1 *SD_DRILL_17.5MM_3XD_A*	02898400	17,5 *0.689*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1800-051-18R1 *SD_DRILL_18.0MM_3XD_A*	02898401	18,0 *0.709*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT9
SD1103A-1850-055-20R1 *SD_DRILL_18.5MM_3XD_A*	02898402	18,5 *0.728*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-1900-055-20R1 *SD_DRILL_19.0MM_3XD_A*	02898403	19,0 *0.748*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-1905-055-20R1 *SD_DRILL_3/4_3XD_A*	02898404	19,05 *0.750*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-1950-055-20R1 *SD_DRILL_19.5MM_3XD_A*	02898405	19,5 *0.768*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9
SD1103A-2000-055-20R1 *SD_DRILL_20.0MM_3XD_A*	02898406	20,0 *0.787*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT9

SD1105A

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 136
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1105A-0300-023-06R1 *SD_DRILL_3.0MM_5XD_A*	02897845	3,0 *0.118*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0310-023-06R1 *SD_DRILL_3.1MM_5XD_A*	02897846	3,1 *0.122*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0318-023-06R1 *SD_DRILL_1/8_5XD_A*	02897847	3,175 *0.125*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0320-023-06R1 *SD_DRILL_3.2MM_5XD_A*	02897848	3,2 *0.126*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0325-023-06R1 *SD_DRILL_3.25MM_5XD_A*	02897849	3,25 *0.128*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0330-023-06R1 *SD_DRILL_3.3MM_5XD_A*	02897850	3,3 *0.130*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0340-023-06R1 *SD_DRILL_3.4MM_5XD_A*	02897851	3,4 *0.134*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0350-023-06R1 *SD_DRILL_3.5MM_5XD_A*	02897852	3,5 *0.138*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0357-023-06R1 *SD_DRILL_9/64_5XD_A*	02897853	3,572 *0.141*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0360-023-06R1 *SD_DRILL_3.6MM_5XD_A*	02897854	3,6 *0.142*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0365-023-06R1 *SD_DRILL_3.65MM_5XD_A*	02897855	3,65 *0.144*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0370-023-06R1 *SD_DRILL_3.7MM_5XD_A*	02897856	3,7 *0.146*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0380-029-06R1 *SD_DRILL_3.8MM_5XD_A*	02897857	3,8 *0.150*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0390-029-06R1 *SD_DRILL_3.9MM_5XD_A*	02897858	3,9 *0.154*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0397-029-06R1 *SD_DRILL_5/32_5XD_A*	02897859	3,969 *0.156*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0400-029-06R1 *SD_DRILL_4.0MM_5XD_A*	02897860	4,0 *0.157*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0410-029-06R1 *SD_DRILL_4.1MM_5XD_A*	02897861	4,1 *0.161*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0420-029-06R1 *SD_DRILL_4.2MM_5XD_A*	02897862	4,2 *0.165*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0430-029-06R1 *SD_DRILL_4.3MM_5XD_A*	02897863	4,3 *0.169*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0437-029-06R1 *SD_DRILL_11/64_5XD_A*	02897864	4,366 *0.172*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0440-029-06R1 *SD_DRILL_4.4MM_5XD_A*	02897865	4,4 *0.173*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0450-029-06R1 *SD_DRILL_4.5MM_5XD_A*	02897866	4,5 *0.177*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0460-029-06R1 *SD_DRILL_4.6MM_5XD_A*	02897867	4,6 *0.181*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0465-029-06R1 *SD_DRILL_4.65MM_5XD_A*	02897868	4,65 *0.183*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0470-029-06R1 *SD_DRILL_4.7MM_5XD_A*	02897869	4,7 *0.185*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0476-035-06R1 *SD_DRILL_3/16_5XD_A*	02897870	4,763 *0.188*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1105A-0480-035-06R1 *SD_DRILL_4.8MM_5XD_A*	02897871	4,8 *0.189*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0490-035-06R1 *SD_DRILL_4.9MM_5XD_A*	02897872	4,9 *0.193*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0500-035-06R1 *SD_DRILL_5.0MM_5XD_A*	02897873	5,0 *0.197*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0510-035-06R1 *SD_DRILL_5.1MM_5XD_A*	02897874	5,1 *0.201*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0516-035-06R1 *SD_DRILL_13/64_5XD_A*	02897875	5,159 *0.203*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0520-035-06R1 *SD_DRILL_5.2MM_5XD_A*	02897876	5,2 *0.205*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0530-035-06R1 *SD_DRILL_5.3MM_5XD_A*	02897877	5,3 *0.209*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0540-035-06R1 *SD_DRILL_5.4MM_5XD_A*	02897878	5,4 *0.213*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0550-035-06R1 *SD_DRILL_5.5MM_5XD_A*	02897879	5,5 *0.217*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0555-035-06R1 *SD_DRILL_5.55MM_5XD_A*	02897880	5,55 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0556-035-06R1 *SD_DRILL_7/32_5XD_A*	02897881	5,556 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0560-035-06R1 *SD_DRILL_5.6MM_5XD_A*	02897882	5,6 *0.220*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0570-035-06R1 *SD_DRILL_5.7MM_5XD_A*	02897883	5,7 *0.224*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0580-035-06R1 *SD_DRILL_5.8MM_5XD_A*	02897884	5,8 *0.228*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0590-035-06R1 *SD_DRILL_5.9MM_5XD_A*	02897885	5,9 *0.232*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0595-035-06R1 *SD_DRILL_15/64_5XD_A*	02897886	5,953 *0.234*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0600-035-06R1 *SD_DRILL_6.0MM_5XD_A*	02897887	6,0 *0.236*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT9
SD1105A-0610-043-08R1 *SD_DRILL_6.1MM_5XD_A*	02897888	6,1 *0.240*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0620-043-08R1 *SD_DRILL_6.2MM_5XD_A*	02897889	6,2 *0.244*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0630-043-08R1 *SD_DRILL_6.3MM_5XD_A*	02897890	6,3 *0.248*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0635-043-08R1 *SD_DRILL_1/4_5XD_A*	02897891	6,35 *0.250*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0640-043-08R1 *SD_DRILL_6.4MM_5XD_A*	02897892	6,4 *0.252*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0650-043-08R1 *SD_DRILL_6.5MM_5XD_A*	02897893	6,5 *0.256*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0660-043-08R1 *SD_DRILL_6.6MM_5XD_A*	02897894	6,6 *0.260*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0670-043-08R1 *SD_DRILL_6.7MM_5XD_A*	02897895	6,7 *0.264*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0675-043-08R1 *SD_DRILL_17/64_5XD_A*	02897896	6,747 *0.266*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0680-043-08R1 *SD_DRILL_6.8MM_5XD_A*	02897897	6,8 *0.268*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0690-043-08R1 *SD_DRILL_6.9MM_5XD_A*	02897898	6,9 *0.272*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0700-043-08R1 *SD_DRILL_7.0MM_5XD_A*	02897899	7,0 *0.276*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0710-043-08R1 *SD_DRILL_7.1MM_5XD_A*	02897900	7,1 *0.280*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0714-043-08R1 *SD_DRILL_9/32_5XD_A*	02897901	7,144 *0.281*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0720-043-08R1 *SD_DRILL_7.2MM_5XD_A*	02897902	7,2 *0.283*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0730-043-08R1 *SD_DRILL_7.3MM_5XD_A*	02897903	7,3 *0.287*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0740-043-08R1 *SD_DRILL_7.4MM_5XD_A*	02897904	7,4 *0.291*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0750-043-08R1 *SD_DRILL_7.5MM_5XD_A*	02897905	7,5 *0.295*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1105A-0754-043-08R1 *SD_DRILL_19/64_5XD_A*	02897906	7,541 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0755-043-08R1 *SD_DRILL_7.55MM_5XD_A*	02897907	7,55 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0760-043-08R1 *SD_DRILL_7.6MM_5XD_A*	02897908	7,6 *0.299*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0770-043-08R1 *SD_DRILL_7.7MM_5XD_A*	02897909	7,7 *0.303*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0780-043-08R1 *SD_DRILL_7.8MM_5XD_A*	02897910	7,8 *0.307*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0790-043-08R1 *SD_DRILL_7.9MM_5XD_A*	02897911	7,9 *0.311*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0794-043-08R1 *SD_DRILL_5/16_5XD_A*	02897912	7,938 *0.313*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0800-043-08R1 *SD_DRILL_8.0MM_5XD_A*	02897913	8,0 *0.315*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT9
SD1105A-0810-049-10R1 *SD_DRILL_8.1MM_5XD_A*	02897914	8,1 *0.319*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0820-049-10R1 *SD_DRILL_8.2MM_5XD_A*	02897915	8,2 *0.323*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0830-049-10R1 *SD_DRILL_8.3MM_5XD_A*	02897916	8,3 *0.327*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0833-049-10R1 *SD_DRILL_21/64_5XD_A*	02897917	8,334 *0.328*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0840-049-10R1 *SD_DRILL_8.4MM_5XD_A*	02897918	8,4 *0.331*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0850-049-10R1 *SD_DRILL_8.5MM_5XD_A*	02897919	8,5 *0.335*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0860-049-10R1 *SD_DRILL_8.6MM_5XD_A*	02897920	8,6 *0.339*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0870-049-10R1 *SD_DRILL_8.7MM_5XD_A*	02897921	8,7 *0.343*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0873-049-10R1 *SD_DRILL_11/32_5XD_A*	02897922	8,731 *0.344*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0880-049-10R1 *SD_DRILL_8.8MM_5XD_A*	02897923	8,8 *0.346*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0890-049-10R1 *SD_DRILL_8.9MM_5XD_A*	02897924	8,9 *0.350*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0900-049-10R1 *SD_DRILL_9.0MM_5XD_A*	02897925	9,0 *0.354*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0910-049-10R1 *SD_DRILL_9.1MM_5XD_A*	02897926	9,1 *0.358*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0913-049-10R1 *SD_DRILL_23/64_5XD_A*	02897927	9,128 *0.359*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0920-049-10R1 *SD_DRILL_9.2MM_5XD_A*	02897928	9,2 *0.362*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0930-049-10R1 *SD_DRILL_9.3MM_5XD_A*	02897929	9,3 *0.366*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0940-049-10R1 *SD_DRILL_9.4MM_5XD_A*	02897930	9,4 *0.370*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0950-049-10R1 *SD_DRILL_9.5MM_5XD_A*	02897931	9,5 *0.374*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0953-049-10R1 *SD_DRILL_3/8_5XD_A*	02897932	9,525 *0.375*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0955-049-10R1 *SD_DRILL_9.55MM_5XD_A*	02897933	9,55 *0.376*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0960-049-10R1 *SD_DRILL_9.6MM_5XD_A*	02897934	9,6 *0.378*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0970-049-10R1 *SD_DRILL_9.7MM_5XD_A*	02897935	9,7 *0.382*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0980-049-10R1 *SD_DRILL_9.8MM_5XD_A*	02897936	9,8 *0.386*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0990-049-10R1 *SD_DRILL_9.9MM_5XD_A*	02897937	9,9 *0.390*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-0992-049-10R1 *SD_DRILL_25/64_5XD_A*	02897938	9,922 *0.391*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-1000-049-10R1 *SD_DRILL_10.0MM_5XD_A*	02897939	10,0 *0.394*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT9
SD1105A-1010-056-12R1 *SD_DRILL_10.1MM_5XD_A*	02897940	10,1 *0.398*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1105A-1020-056-12R1 *SD_DRILL_10.2MM_5XD_A*	02897941	10,2 *0.402*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1030-056-12R1 *SD_DRILL_10.3MM_5XD_A*	02897942	10,3 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1032-056-12R1 *SD_DRILL_13/32_5XD_A*	02897943	10,319 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1040-056-12R1 *SD_DRILL_10.4MM_5XD_A*	02897944	10,4 *0.409*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1050-056-12R1 *SD_DRILL_10.5MM_5XD_A*	02897945	10,5 *0.413*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1060-056-12R1 *SD_DRILL_10.6MM_5XD_A*	02897946	10,6 *0.417*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1070-056-12R1 *SD_DRILL_10.7MM_5XD_A*	02897947	10,7 *0.421*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1072-056-12R1 *SD_DRILL_27/64_5XD_A*	02897948	10,716 *0.422*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1080-056-12R1 *SD_DRILL_10.8MM_5XD_A*	02897949	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1090-056-12R1 *SD_DRILL_10.9MM_5XD_A*	02897951	10,9 *0.429*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1100-056-12R1 *SD_DRILL_11.0MM_5XD_A*	02897952	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1110-056-12R1 *SD_DRILL_11.1MM_5XD_A*	02897953	11,1 *0.437*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1111-056-12R1 *SD_DRILL_7/16_5XD_A*	02897954	11,113 *0.438*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1120-056-12R1 *SD_DRILL_11.2MM_5XD_A*	02897955	11,2 *0.441*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1130-056-12R1 *SD_DRILL_11.3MM_5XD_A*	02897956	11,3 *0.445*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1140-056-12R1 *SD_DRILL_11.4MM_5XD_A*	02897957	11,4 *0.449*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1150-056-12R1 *SD_DRILL_11.5MM_5XD_A*	02897958	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1151-056-12R1 *SD_DRILL_29/64_5XD_A*	02897959	11,509 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1155-056-12R1 *SD_DRILL_11.55MM_5XD_A*	02897960	11,55 *0.455*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1160-056-12R1 *SD_DRILL_11.6MM_5XD_A*	02897961	11,6 *0.457*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1170-056-12R1 *SD_DRILL_11.7MM_5XD_A*	02897962	11,7 *0.461*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1180-056-12R1 *SD_DRILL_11.8MM_5XD_A*	02897963	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1190-056-12R1 *SD_DRILL_11.9MM_5XD_A*	02897964	11,9 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1191-056-12R1 *SD_DRILL_15/32_5XD_A*	02897965	11,906 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1200-056-12R1 *SD_DRILL_12.0MM_5XD_A*	02897966	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT9
SD1105A-1210-060-14R1 *SD_DRILL_12.1MM_5XD_A*	02897967	12,1 *0.476*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1220-060-14R1 *SD_DRILL_12.2MM_5XD_A*	02897968	12,2 *0.480*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1225-060-14R1 *SD_DRILL_12.25MM_5XD_A*	02897969	12,25 *0.482*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1230-060-14R1 *SD_DRILL_31/64_5XD_A*	02897970	12,303 *0.484*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1240-060-14R1 *SD_DRILL_12.4MM_5XD_A*	02897972	12,4 *0.488*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1250-060-14R1 *SD_DRILL_12.5MM_5XD_A*	02897973	12,5 *0.492*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1260-060-14R1 *SD_DRILL_12.6MM_5XD_A*	02897974	12,6 *0.496*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1270-060-14R1 *SD_DRILL_1/2_5XD_A*	02897950	12,7 *0.500*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1275-060-14R1 *SD_DRILL_12.75MM_5XD_A*	02897976	12,75 *0.502*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1280-060-14R1 *SD_DRILL_12.8MM_5XD_A*	02897977	12,8 *0.504*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1105A-1290-060-14R1 *SD_DRILL_12.9MM_5XD_A*	02897978	12,9 *0.508*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1300-060-14R1 *SD_DRILL_13.0MM_5XD_A*	02897979	13,0 *0.512*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1310-060-14R1 *SD_DRILL_33/64_5XD_A*	02897980	13,1 *0.516*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1320-060-14R1 *SD_DRILL_13.2MM_5XD_A*	02897981	13,2 *0.520*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1330-060-14R1 *SD_DRILL_13.3MM_5XD_A*	02897982	13,3 *0.524*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1340-060-14R1 *SD_DRILL_13.4MM_5XD_A*	02897983	13,4 *0.528*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1349-060-14R1 *SD_DRILL_17/32_5XD_A*	02897984	13,494 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1350-060-14R1 *SD_DRILL_13.5MM_5XD_A*	02897985	13,5 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1360-060-14R1 *SD_DRILL_13.6MM_5XD_A*	02897986	13,6 *0.535*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1370-060-14R1 *SD_DRILL_13.7MM_5XD_A*	02897987	13,7 *0.539*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1380-060-14R1 *SD_DRILL_13.8MM_5XD_A*	02897988	13,8 *0.543*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1390-060-14R1 *SD_DRILL_35/64_5XD_A*	02897989	13,9 *0.547*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1400-060-14R1 *SD_DRILL_14.0MM_5XD_A*	02897990	14,0 *0.551*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT9
SD1105A-1410-063-16R1 *SD_DRILL_14.1MM_5XD_A*	02897991	14,1 *0.555*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1420-063-16R1 *SD_DRILL_14.2MM_5XD_A*	02897992	14,2 *0.559*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1429-063-16R1 *SD_DRILL_9/16_5XD_A*	02897993	14,288 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1430-063-16R1 *SD_DRILL_14.3MM_5XD_A*	02897994	14,3 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1440-063-16R1 *SD_DRILL_14.4MM_5XD_A*	02897995	14,4 *0.567*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1450-063-16R1 *SD_DRILL_14.5MM_5XD_A*	02897996	14,5 *0.571*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1460-063-16R1 *SD_DRILL_14.6MM_5XD_A*	02897997	14,6 *0.575*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1470-063-16R1 *SD_DRILL_14.7MM_5XD_A*	02897998	14,7 *0.579*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1475-063-16R1 *SD_DRILL_14.75MM_5XD_A*	02897999	14,75 *0.581*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1480-063-16R1 *SD_DRILL_14.8MM_5XD_A*	02898000	14,8 *0.583*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1490-063-16R1 *SD_DRILL_14.9MM_5XD_A*	02898001	14,9 *0.587*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1500-063-16R1 *SD_DRILL_15.0MM_5XD_A*	02898002	15,0 *0.591*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1510-063-16R1 *SD_DRILL_15.1MM_5XD_A*	02898003	15,1 *0.594*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1520-063-16R1 *SD_DRILL_15.2MM_5XD_A*	02898004	15,2 *0.598*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1530-063-16R1 *SD_DRILL_15.3MM_5XD_A*	02898005	15,3 *0.602*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1540-063-16R1 *SD_DRILL_15.4MM_5XD_A*	02898006	15,4 *0.606*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1550-063-16R1 *SD_DRILL_15.5MM_5XD_A*	02898007	15,5 *0.610*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1560-063-16R1 *SD_DRILL_15.6MM_5XD_A*	02898008	15,6 *0.614*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1570-063-16R1 *SD_DRILL_15.7MM_5XD_A*	02898009	15,7 *0.618*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1580-063-16R1 *SD_DRILL_15.8MM_5XD_A*	02898010	15,8 *0.622*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1588-063-16R1 *SD_DRILL_5/8_5XD_A*	02898011	15,875 *0.625*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1590-063-16R1 *SD_DRILL_15.9MM_5XD_A*	02898012	15,9 *0.626*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9

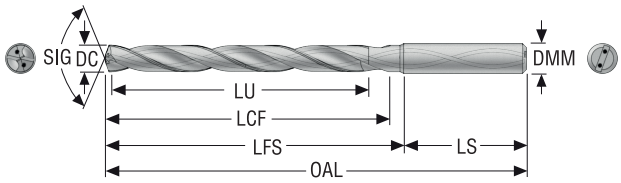
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1105A-1600-063-16R1 *SD_DRILL_16.0MM_5XD_A*	02898013	16,0 *0.630*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT9
SD1105A-1610-071-18R1 *SD_DRILL_16.1MM_5XD_A*	02898014	16,1 *0.634*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1620-071-18R1 *SD_DRILL_16.2MM_5XD_A*	02898015	16,2 *0.638*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1630-071-18R1 *SD_DRILL_16.3MM_5XD_A*	02898016	16,3 *0.642*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1640-071-18R1 *SD_DRILL_16.4MM_5XD_A*	02898017	16,4 *0.646*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1650-071-18R1 *SD_DRILL_16.5MM_5XD_A*	02898018	16,5 *0.650*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1660-071-18R1 *SD_DRILL_16.6MM_5XD_A*	02898019	16,6 *0.654*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1670-071-18R1 *SD_DRILL_16.7MM_5XD_A*	02898020	16,7 *0.657*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1675-071-18R1 *SD_DRILL_16.75MM_5XD_A*	02898021	16,75 *0.659*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1680-071-18R1 *SD_DRILL_16.8MM_5XD_A*	02898022	16,8 *0.661*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1690-071-18R1 *SD_DRILL_16.9MM_5XD_A*	02898023	16,9 *0.665*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1700-071-18R1 *SD_DRILL_17.0MM_5XD_A*	02898024	17,0 *0.669*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1710-071-18R1 *SD_DRILL_17.1MM_5XD_A*	02898025	17,1 *0.673*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1720-071-18R1 *SD_DRILL_17.2MM_5XD_A*	02898026	17,2 *0.677*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1730-071-18R1 *SD_DRILL_17.3MM_5XD_A*	02898027	17,3 *0.681*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1740-071-18R1 *SD_DRILL_17.4MM_5XD_A*	02898028	17,4 *0.685*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1750-071-18R1 *SD_DRILL_17.5MM_5XD_A*	02898029	17,5 *0.689*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1760-071-18R1 *SD_DRILL_17.6MM_5XD_A*	02898030	17,6 *0.693*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1770-071-18R1 *SD_DRILL_17.7MM_5XD_A*	02898031	17,7 *0.697*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1780-071-18R1 *SD_DRILL_17.8MM_5XD_A*	02898032	17,8 *0.701*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1790-071-18R1 *SD_DRILL_17.9MM_5XD_A*	02898033	17,9 *0.705*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1800-071-18R1 *SD_DRILL_18.0MM_5XD_A*	02898034	18,0 *0.709*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT9
SD1105A-1810-077-20R1 *SD_DRILL_18.1MM_5XD_A*	02898035	18,1 *0.713*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1820-077-20R1 *SD_DRILL_18.2MM_5XD_A*	02898036	18,2 *0.717*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1830-077-20R1 *SD_DRILL_18.3MM_5XD_A*	02898037	18,3 *0.720*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1840-077-20R1 *SD_DRILL_18.4MM_5XD_A*	02898038	18,4 *0.724*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1850-077-20R1 *SD_DRILL_18.5MM_5XD_A*	02898039	18,5 *0.728*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1860-077-20R1 *SD_DRILL_18.6MM_5XD_A*	02898040	18,6 *0.732*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1870-077-20R1 *SD_DRILL_18.7MM_5XD_A*	02898041	18,7 *0.736*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1880-077-20R1 *SD_DRILL_18.8MM_5XD_A*	02898042	18,8 *0.740*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1890-077-20R1 *SD_DRILL_18.9MM_5XD_A*	02898043	18,9 *0.744*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1900-077-20R1 *SD_DRILL_19.0MM_5XD_A*	02898044	19,0 *0.748*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1905-077-20R1 *SD_DRILL_3/4_5XD_A*	02898045	19,05 *0.750*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1910-077-20R1 *SD_DRILL_19.1MM_5XD_A*	02898046	19,1 *0.752*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1920-077-20R1 *SD_DRILL_19.2MM_5XD_A*	02898047	19,2 *0.756*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1105A-1930-077-20R1 *SD_DRILL_19.3MM_5XD_A*	02898048	19,3 *0.760*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1940-077-20R1 *SD_DRILL_19.4MM_5XD_A*	02898049	19,4 *0.764*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1950-077-20R1 *SD_DRILL_19.5MM_5XD_A*	02898050	19,5 *0.768*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1960-077-20R1 *SD_DRILL_19.6MM_5XD_A*	02898051	19,6 *0.772*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1970-077-20R1 *SD_DRILL_19.7MM_5XD_A*	02898052	19,7 *0.776*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1980-077-20R1 *SD_DRILL_19.8MM_5XD_A*	02898053	19,8 *0.780*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-1990-077-20R1 *SD_DRILL_19.9MM_5XD_A*	02898054	19,9 *0.783*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9
SD1105A-2000-077-20R1 *SD_DRILL_20.0MM_5XD_A*	02898055	20,0 *0.787*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT9

SD1108A

Profondità di foratura ~ 8 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 137
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1108A-0300-028-06R1 *SD_DRILL_3.0MM_8XD_A*	03295178	3,0 *0.118*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0310-028-06R1 *SD_DRILL_3.1MM_8XD_A*	03295179	3,1 *0.122*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0318-028-06R1 *SD_DRILL_1/8_8XD_A*	03323680	3,175 *0.125*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0320-028-06R1 *SD_DRILL_3.2MM_8XD_A*	03295180	3,2 *0.126*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0330-028-06R1 *SD_DRILL_3.3MM_8XD_A*	03295181	3,3 *0.130*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0340-028-06R1 *SD_DRILL_3.4MM_8XD_A*	03295182	3,4 *0.134*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0350-028-06R1 *SD_DRILL_3.5MM_8XD_A*	03295183	3,5 *0.138*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0357-028-06R1 *SD_DRILL_9/64_8XD_A*	03323681	3,572 *0.141*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0360-028-06R1 *SD_DRILL_3.6MM_8XD_A*	03295184	3,6 *0.142*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0370-028-06R1 *SD_DRILL_3.7MM_8XD_A*	03295185	3,7 *0.146*	28,0 *1.102*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0380-037-06R1 *SD_DRILL_3.8MM_8XD_A*	03295186	3,8 *0.150*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0390-037-06R1 *SD_DRILL_3.9MM_8XD_A*	03295187	3,9 *0.154*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0397-037-06R1 *SD_DRILL_5/32_8XD_A*	03323682	3,969 *0.156*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0400-037-06R1 *SD_DRILL_4.0MM_8XD_A*	03295188	4,0 *0.157*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0410-037-06R1 *SD_DRILL_4.1MM_8XD_A*	03295189	4,1 *0.161*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0420-037-06R1 *SD_DRILL_4.2MM_8XD_A*	03295190	4,2 *0.165*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0430-037-06R1 *SD_DRILL_4.3MM_8XD_A*	03295191	4,3 *0.169*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0437-037-06R1 *SD_DRILL_11/64_8XD_A*	03323683	4,366 *0.172*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0440-037-06R1 *SD_DRILL_4.4MM_8XD_A*	03295192	4,4 *0.173*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0450-037-06R1 *SD_DRILL_4.5MM_8XD_A*	03295193	4,5 *0.177*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0460-037-06R1 *SD_DRILL_4.6MM_8XD_A*	03295194	4,6 *0.181*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0470-037-06R1 *SD_DRILL_4.7MM_8XD_A*	03295195	4,7 *0.185*	37,0 *1.457*	85,0 *3.346*	49,0 *1.929*	36,0 *1.417*	45,0 *1.772*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0476-048-06R1 *SD_DRILL_3/16_8XD_A*	03323684	4,763 *0.188*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0480-048-06R1 *SD_DRILL_4.8MM_8XD_A*	03295197	4,8 *0.189*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0490-048-06R1 *SD_DRILL_4.9MM_8XD_A*	03295198	4,9 *0.193*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1108A-0500-048-06R1 *SD_DRILL_5.0MM_8XD_A*	03295199	5,0 *0.197*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0510-048-06R1 *SD_DRILL_5.1MM_8XD_A*	03295200	5,1 *0.201*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0516-048-06R1 *SD_DRILL_13/64_8XD_A*	03323685	5,159 *0.203*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0520-048-06R1 *SD_DRILL_5.2MM_8XD_A*	03295201	5,2 *0.205*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0530-048-06R1 *SD_DRILL_5.3MM_8XD_A*	03295202	5,3 *0.209*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0540-048-06R1 *SD_DRILL_5.4MM_8XD_A*	03295203	5,4 *0.213*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0550-048-06R1 *SD_DRILL_5.5MM_8XD_A*	03295204	5,5 *0.217*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0556-048-06R1 *SD_DRILL_7/32_8XD_A*	03295206	5,556 *0.219*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0560-048-06R1 *SD_DRILL_5.6MM_8XD_A*	03295207	5,6 *0.220*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0570-048-06R1 *SD_DRILL_5.7MM_8XD_A*	03295208	5,7 *0.224*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0580-048-06R1 *SD_DRILL_5.8MM_8XD_A*	03295012	5,8 *0.228*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0590-048-06R1 *SD_DRILL_5.9MM_8XD_A*	03295013	5,9 *0.232*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0595-048-06R1 *SD_DRILL_15/64_8XD_A*	03323686	5,953 *0.234*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0600-048-06R1 *SD_DRILL_6.0MM_8XD_A*	03295014	6,0 *0.236*	48,0 *1.890*	97,0 *3.819*	61,0 *2.402*	36,0 *1.417*	57,0 *2.244*	6,0 *0.236*	140°	TiAlN	IT9
SD1108A-0610-055-08R1 *SD_DRILL_6.1MM_8XD_A*	03295015	6,1 *0.240*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0620-055-08R1 *SD_DRILL_6.2MM_8XD_A*	03295016	6,2 *0.244*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0630-055-08R1 *SD_DRILL_6.3MM_8XD_A*	03295017	6,3 *0.248*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0635-055-08R1 *SD_DRILL_1/4_8XD_A*	03295018	6,35 *0.250*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0640-055-08R1 *SD_DRILL_6.4MM_8XD_A*	03295019	6,4 *0.252*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0650-055-08R1 *SD_DRILL_6.5MM_8XD_A*	03295020	6,5 *0.256*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0660-055-08R1 *SD_DRILL_6.6MM_8XD_A*	03295021	6,6 *0.260*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0670-055-08R1 *SD_DRILL_6.7MM_8XD_A*	03295022	6,7 *0.264*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0675-055-08R1 *SD_DRILL_17/64_8XD_A*	03323687	6,747 *0.266*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0680-055-08R1 *SD_DRILL_6.8MM_8XD_A*	03295023	6,8 *0.268*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0690-055-08R1 *SD_DRILL_6.9MM_8XD_A*	03295024	6,9 *0.272*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0700-055-08R1 *SD_DRILL_7.0MM_8XD_A*	03295025	7,0 *0.276*	55,0 *2.165*	106,0 *4.173*	70,0 *2.756*	36,0 *1.417*	66,0 *2.598*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0710-064-08R1 *SD_DRILL_7.1MM_8XD_A*	03295026	7,1 *0.280*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0714-064-08R1 *SD_DRILL_9/32_8XD_A*	03323688	7,144 *0.281*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0730-064-08R1 *SD_DRILL_7.3MM_8XD_A*	03323689	7,3 *0.287*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0740-064-08R1 *SD_DRILL_7.4MM_8XD_A*	03295027	7,4 *0.291*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0750-064-08R1 *SD_DRILL_7.5MM_8XD_A*	03295028	7,5 *0.295*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0754-064-08R1 *SD_DRILL_19/64_8XD_A*	03323690	7,541 *0.297*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0760-064-08R1 *SD_DRILL_7.6MM_8XD_A*	03323691	7,6 *0.299*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0770-064-08R1 *SD_DRILL_7.7MM_8XD_A*	03295029	7,7 *0.303*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0780-064-08R1 *SD_DRILL_7.8MM_8XD_A*	03295030	7,8 *0.307*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9

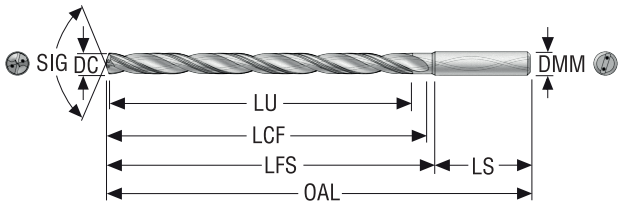
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1108A-0790-064-08R1 *SD_DRILL_7.9MM_8XD_A*	03295031	7,9 *0.311*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0794-064-08R1 *SD_DRILL_5/16_8XD_A*	03323692	7,938 *0.313*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0800-064-08R1 *SD_DRILL_8.0MM_8XD_A*	03295032	8,0 *0.315*	64,0 *2.520*	116,0 *4.567*	80,0 *3.150*	36,0 *1.417*	76,0 *2.992*	8,0 *0.315*	140°	TiAlN	IT9
SD1108A-0810-080-10R1 *SD_DRILL_8.1MM_8XD_A*	03295033	8,1 *0.319*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0820-080-10R1 *SD_DRILL_8.2MM_8XD_A*	03295034	8,2 *0.323*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0830-080-10R1 *SD_DRILL_8.3MM_8XD_A*	03295035	8,3 *0.327*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0833-080-10R1 *SD_DRILL_21/64_8XD_A*	03323693	8,334 *0.328*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0840-080-10R1 *SD_DRILL_8.4MM_8XD_A*	03295036	8,4 *0.331*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0850-080-10R1 *SD_DRILL_8.5MM_8XD_A*	03295037	8,5 *0.335*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0860-080-10R1 *SD_DRILL_8.6MM_8XD_A*	03295038	8,6 *0.339*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0870-080-10R1 *SD_DRILL_8.7MM_8XD_A*	03295039	8,7 *0.343*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0873-080-10R1 *SD_DRILL_11/32_8XD_A*	03323694	8,731 *0.344*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0880-080-10R1 *SD_DRILL_8.8MM_8XD_A*	03295040	8,8 *0.346*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0900-080-10R1 *SD_DRILL_9.0MM_8XD_A*	03295041	9,0 *0.354*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0910-080-10R1 *SD_DRILL_9.1MM_8XD_A*	03295042	9,1 *0.358*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0913-080-10R1 *SD_DRILL_23/64_8XD_A*	03323695	9,128 *0.359*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0930-080-10R1 *SD_DRILL_9.3MM_8XD_A*	03295043	9,3 *0.366*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0940-080-10R1 *SD_DRILL_9.4MM_8XD_A*	03295044	9,4 *0.370*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0950-080-10R1 *SD_DRILL_9.5MM_8XD_A*	03295045	9,5 *0.374*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0953-080-10R1 *SD_DRILL_3/8_8XD_A*	03323696	9,525 *0.375*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0970-080-10R1 *SD_DRILL_9.7MM_8XD_A*	03295046	9,7 *0.382*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0980-080-10R1 *SD_DRILL_9.8MM_8XD_A*	03295047	9,8 *0.386*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0990-080-10R1 *SD_DRILL_9.9MM_8XD_A*	03295048	9,9 *0.390*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-0992-080-10R1 *SD_DRILL_25/64_8XD_A*	03323697	9,922 *0.391*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-1000-080-10R1 *SD_DRILL_10.0MM_8XD_A*	03295049	10,0 *0.394*	80,0 *3.150*	139,0 *5.472*	99,0 *3.898*	40,0 *1.575*	95,0 *3.740*	10,0 *0.394*	140°	TiAlN	IT9
SD1108A-1020-096-12R1 *SD_DRILL_10.2MM_8XD_A*	03295050	10,2 *0.402*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1030-096-12R1 *SD_DRILL_10.3MM_8XD_A*	03295051	10,3 *0.406*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1032-096-12R1 *SD_DRILL_13/32_8XD_A*	03323698	10,319 *0.406*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1040-096-12R1 *SD_DRILL_10.4MM_8XD_A*	03295053	10,4 *0.409*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1050-096-12R1 *SD_DRILL_10.5MM_8XD_A*	03295054	10,5 *0.413*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1070-096-12R1 *SD_DRILL_10.7MM_8XD_A*	03295055	10,7 *0.421*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1072-096-12R1 *SD_DRILL_27/64_8XD_A*	03323699	10,716 *0.422*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1080-096-12R1 *SD_DRILL_10.8MM_8XD_A*	03295056	10,8 *0.425*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1100-096-12R1 *SD_DRILL_11.0MM_8XD_A*	03295057	11,0 *0.433*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1111-096-12R1 *SD_DRILL_7/16_8XD_A*	03323700	11,113 *0.438*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1108A-1120-096-12R1 *SD_DRILL_11.2MM_8XD_A*	03295058	11,2 *0.441*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1130-096-12R1 *SD_DRILL_11.3MM_8XD_A*	03295059	11,3 *0.445*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1150-096-12R1 *SD_DRILL_11.5MM_8XD_A*	03295060	11,5 *0.453*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1170-096-12R1 *SD_DRILL_11.7MM_8XD_A*	03295061	11,7 *0.461*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1180-096-12R1 *SD_DRILL_11.8MM_8XD_A*	03295062	11,8 *0.465*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1190-096-12R1 *SD_DRILL_11.9MM_8XD_A*	03295063	11,9 *0.469*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1191-096-12R1 *SD_DRILL_15/32_8XD_A*	03323701	11,906 *0.469*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1200-096-12R1 *SD_DRILL_12.0MM_8XD_A*	03295064	12,0 *0.472*	96,0 *3.780*	163,0 *6.417*	118,0 *4.646*	45,0 *1.772*	114,0 *4.488*	12,0 *0.472*	140°	TiAlN	IT9
SD1108A-1230-119-14R1 *SD_DRILL_31/64_8XD_A*	03295065	12,3 *0.484*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1250-119-14R1 *SD_DRILL_12.5MM_8XD_A*	03295066	12,5 *0.492*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1270-119-14R1 *SD_DRILL_1/2_8XD_A*	03295067	12,7 *0.500*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1300-119-14R1 *SD_DRILL_13.0MM_8XD_A*	03295068	13,0 *0.512*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1349-119-14R1 *SD_DRILL_17/32_8XD_A*	03323702	13,494 *0.531*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1350-119-14R1 *SD_DRILL_13.5MM_8XD_A*	03295069	13,5 *0.531*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1400-119-14R1 *SD_DRILL_14.0MM_8XD_A*	03295070	14,0 *0.551*	119,0 *4.685*	182,0 *7.165*	137,0 *5.394*	45,0 *1.772*	133,0 *5.236*	14,0 *0.551*	140°	TiAlN	IT9
SD1108A-1429-136-16R1 *SD_DRILL_9/16_8XD_A*	03295071	14,288 *0.563*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1450-136-16R1 *SD_DRILL_14.5MM_8XD_A*	03295072	14,5 *0.571*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1500-136-16R1 *SD_DRILL_15.0MM_8XD_A*	03295073	15,0 *0.591*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1550-136-16R1 *SD_DRILL_15.5MM_8XD_A*	03295074	15,5 *0.610*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1588-136-16R1 *SD_DRILL_5/8_8XD_A*	03295075	15,875 *0.625*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1600-136-16R1 *SD_DRILL_16.0MM_8XD_A*	03295076	16,0 *0.630*	136,0 *5.354*	204,0 *8.031*	156,0 *6.142*	48,0 *1.890*	152,0 *5.984*	16,0 *0.630*	140°	TiAlN	IT9
SD1108A-1650-153-18R1 *SD_DRILL_16.5MM_8XD_A*	03295077	16,5 *0.650*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1700-153-18R1 *SD_DRILL_17.0MM_8XD_A*	03295078	17,0 *0.669*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1750-153-18R1 *SD_DRILL_17.5MM_8XD_A*	03295079	17,5 *0.689*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1800-153-18R1 *SD_DRILL_18.0MM_8XD_A*	03295080	18,0 *0.709*	153,0 *6.024*	223,0 *8.780*	175,0 *6.890*	48,0 *1.890*	171,0 *6.732*	18,0 *0.709*	140°	TiAlN	IT9
SD1108A-1850-170-20R1 *SD_DRILL_18.5MM_8XD_A*	03295081	18,5 *0.728*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-1900-170-20R1 *SD_DRILL_19.0MM_8XD_A*	03295082	19,0 *0.748*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-1905-170-20R1 *SD_DRILL_3/4_8XD_A*	03323703	19,05 *0.750*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-1950-170-20R1 *SD_DRILL_19.5MM_8XD_A*	03295083	19,5 *0.768*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9
SD1108A-2000-170-20R1 *SD_DRILL_20.0MM_8XD_A*	03295084	20,0 *0.787*	170,0 *6.693*	244,0 *9.606*	194,0 *7.638*	50,0 *1.969*	190,0 *7.480*	20,0 *0.787*	140°	TiAlN	IT9

SD1112A

Profondità di foratura ~ 12 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 138
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC mm Inch	LU mm Inch	OAL mm Inch	LFS mm Inch	LS mm Inch	LCF mm Inch	DMM mm Inch	Angolo di punta	Rivestimento	Tolleranza foro
SD1112A-0300-048-06R1 *SD_DRILL_3.0MM_12XD_A*	03295085	3,0 *0.118*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0310-048-06R1 *SD_DRILL_3.1MM_12XD_A*	03295086	3,1 *0.122*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0318-048-06R1 *SD_DRILL_1/8_12XD_A*	03323704	3,175 *0.125*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0320-048-06R1 *SD_DRILL_3.2MM_12XD_A*	03295087	3,2 *0.126*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0330-048-06R1 *SD_DRILL_3.3MM_12XD_A*	03295088	3,3 *0.130*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0340-048-06R1 *SD_DRILL_3.4MM_12XD_A*	03295089	3,4 *0.134*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0350-048-06R1 *SD_DRILL_3.5MM_12XD_A*	03295090	3,5 *0.138*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0357-048-06R1 *SD_DRILL_9/64_12XD_A*	03323705	3,572 *0.141*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0360-048-06R1 *SD_DRILL_3.6MM_12XD_A*	03295091	3,6 *0.142*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0370-048-06R1 *SD_DRILL_3.7MM_12XD_A*	03295092	3,7 *0.146*	48,0 *1.890*	92,0 *3.622*	56,0 *2.205*	36,0 *1.417*	54,0 *2.126*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0380-056-06R1 *SD_DRILL_3.8MM_12XD_A*	03295093	3,8 *0.150*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0390-056-06R1 *SD_DRILL_3.9MM_12XD_A*	03295094	3,9 *0.154*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0397-056-06R1 *SD_DRILL_5/32_12XD_A*	03323706	3,969 *0.156*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0400-056-06R1 *SD_DRILL_4.0MM_12XD_A*	03295095	4,0 *0.157*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0410-056-06R1 *SD_DRILL_4.1MM_12XD_A*	03295096	4,1 *0.161*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0420-056-06R1 *SD_DRILL_4.2MM_12XD_A*	03295097	4,2 *0.165*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0430-056-06R1 *SD_DRILL_4.3MM_12XD_A*	03295098	4,3 *0.169*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0437-056-06R1 *SD_DRILL_11/64_12XD_A*	03323707	4,366 *0.172*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0440-056-06R1 *SD_DRILL_4.4MM_12XD_A*	03295099	4,4 *0.173*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0450-056-06R1 *SD_DRILL_4.5MM_12XD_A*	03295100	4,5 *0.177*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0460-056-06R1 *SD_DRILL_4.6MM_12XD_A*	03295101	4,6 *0.181*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0470-056-06R1 *SD_DRILL_4.7MM_12XD_A*	03295102	4,7 *0.185*	56,0 *2.205*	102,0 *4.016*	66,0 *2.598*	36,0 *1.417*	64,0 *2.520*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0476-074-06R1 *SD_DRILL_3/16_12XD_A*	03323708	4,763 *0.188*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0480-074-06R1 *SD_DRILL_4.8MM_12XD_A*	03295103	4,8 *0.189*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0490-074-06R1 *SD_DRILL_4.9MM_12XD_A*	03295104	4,9 *0.193*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1112A-0500-074-06R1 *SD_DRILL_5.0MM_12XD_A*	03295105	5,0 *0.197*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0510-074-06R1 *SD_DRILL_5.1MM_12XD_A*	03295106	5,1 *0.201*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0516-074-06R1 *SD_DRILL_13/64_12XD_A*	03323709	5,159 *0.203*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0520-074-06R1 *SD_DRILL_5.2MM_12XD_A*	03295107	5,2 *0.205*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0530-074-06R1 *SD_DRILL_5.3MM_12XD_A*	03295108	5,3 *0.209*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0540-074-06R1 *SD_DRILL_5.4MM_12XD_A*	03295109	5,4 *0.213*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0550-074-06R1 *SD_DRILL_5.5MM_12XD_A*	03295110	5,5 *0.217*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0556-074-06R1 *SD_DRILL_7/32_12XD_A*	03295111	5,556 *0.219*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0560-074-06R1 *SD_DRILL_5.6MM_12XD_A*	03295112	5,6 *0.220*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0570-074-06R1 *SD_DRILL_5.7MM_12XD_A*	03295113	5,7 *0.224*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0580-074-06R1 *SD_DRILL_5.8MM_12XD_A*	03295114	5,8 *0.228*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0590-074-06R1 *SD_DRILL_5.9MM_12XD_A*	03295115	5,9 *0.232*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0600-074-06R1 *SD_DRILL_6.0MM_12XD_A*	03295116	6,0 *0.236*	74,0 *2.913*	121,0 *4.764*	85,0 *3.346*	36,0 *1.417*	83,0 *3.268*	6,0 *0.236*	140°	TiAlN	IT9
SD1112A-0610-098-08R1 *SD_DRILL_6.1MM_12XD_A*	03295117	6,1 *0.240*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0620-098-08R1 *SD_DRILL_6.2MM_12XD_A*	03295118	6,2 *0.244*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0630-098-08R1 *SD_DRILL_6.3MM_12XD_A*	03295119	6,3 *0.248*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0635-098-08R1 *SD_DRILL_1/4_12XD_A*	03295120	6,35 *0.250*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0640-098-08R1 *SD_DRILL_6.4MM_12XD_A*	03295121	6,4 *0.252*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0650-098-08R1 *SD_DRILL_6.5MM_12XD_A*	03295122	6,5 *0.256*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0660-098-08R1 *SD_DRILL_6.6MM_12XD_A*	03295123	6,6 *0.260*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0670-098-08R1 *SD_DRILL_6.7MM_12XD_A*	03295124	6,7 *0.264*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0675-098-08R1 *SD_DRILL_17/64_12XD_A*	03323710	6,747 *0.266*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0680-098-08R1 *SD_DRILL_6.8MM_12XD_A*	03295125	6,8 *0.268*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0690-098-08R1 *SD_DRILL_6.9MM_12XD_A*	03295126	6,9 *0.272*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0700-098-08R1 *SD_DRILL_7.0MM_12XD_A*	03295127	7,0 *0.276*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0710-098-08R1 *SD_DRILL_7.1MM_12XD_A*	03295128	7,1 *0.280*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0714-098-08R1 *SD_DRILL_9/32_12XD_A*	03323711	7,144 *0.281*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0730-098-08R1 *SD_DRILL_7.3MM_12XD_A*	03323712	7,3 *0.287*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0740-098-08R1 *SD_DRILL_7.4MM_12XD_A*	03295129	7,4 *0.291*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0750-098-08R1 *SD_DRILL_7.5MM_12XD_A*	03295130	7,5 *0.295*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0754-098-08R1 *SD_DRILL_19/64_12XD_A*	03323713	7,541 *0.297*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0780-098-08R1 *SD_DRILL_7.8MM_12XD_A*	03295131	7,8 *0.307*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0790-098-08R1 *SD_DRILL_7.9MM_12XD_A*	03295132	7,9 *0.311*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0794-098-08R1 *SD_DRILL_5/16_12XD_A*	03323714	7,938 *0.313*	98,0 *3.858*	148,0 *5.827*	128,0 *5.039*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9
SD1112A-0800-098-08R1 *SD_DRILL_8.0MM_12XD_A*	03295133	8,0 *0.315*	98,0 *3.858*	148,0 *5.827*	112,0 *4.409*	36,0 *1.417*	110,0 *4.331*	8,0 *0.315*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1112A-0810-123-10R1 *SD_DRILL_8.1MM_12XD_A*	03295135	8,1 *0.319*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0820-123-10R1 *SD_DRILL_8.2MM_12XD_A*	03295136	8,2 *0.323*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0830-123-10R1 *SD_DRILL_8.3MM_12XD_A*	03295137	8,3 *0.327*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0840-123-10R1 *SD_DRILL_8.4MM_12XD_A*	03295138	8,4 *0.331*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0850-123-10R1 *SD_DRILL_8.5MM_12XD_A*	03295139	8,5 *0.335*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0860-123-10R1 *SD_DRILL_8.6MM_12XD_A*	03295140	8,6 *0.339*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0870-123-10R1 *SD_DRILL_8.7MM_12XD_A*	03295141	8,7 *0.343*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0873-123-10R1 *SD_DRILL_11/32_12XD_A*	03323715	8,731 *0.344*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0880-123-10R1 *SD_DRILL_8.8MM_12XD_A*	03295142	8,8 *0.346*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0900-123-10R1 *SD_DRILL_9.0MM_12XD_A*	03295143	9,0 *0.354*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0913-123-10R1 *SD_DRILL_23/64_12XD_A*	03323716	9,128 *0.359*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0930-123-10R1 *SD_DRILL_9.3MM_12XD_A*	03295144	9,3 *0.366*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0950-123-10R1 *SD_DRILL_9.5MM_12XD_A*	03295145	9,5 *0.374*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0953-123-10R1 *SD_DRILL_3/8_12XD_A*	03323717	9,525 *0.375*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0970-123-10R1 *SD_DRILL_9.7MM_12XD_A*	03295146	9,7 *0.382*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0980-123-10R1 *SD_DRILL_9.8MM_12XD_A*	03295147	9,8 *0.386*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-0992-123-10R1 *SD_DRILL_25/64_12XD_A*	03323718	9,922 *0.391*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-1000-123-10R1 *SD_DRILL_10.0MM_12XD_A*	03295148	10,0 *0.394*	123,0 *4.843*	180,0 *7.087*	140,0 *5.512*	40,0 *1.575*	138,0 *5.433*	10,0 *0.394*	140°	TiAlN	IT9
SD1112A-1020-140-12R1 *SD_DRILL_10.2MM_12XD_A*	03295149	10,2 *0.402*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1030-140-12R1 *SD_DRILL_10.3MM_12XD_A*	03295150	10,3 *0.406*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1032-140-12R1 *SD_DRILL_13/32_12XD_A*	03323719	10,319 *0.406*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1050-140-12R1 *SD_DRILL_10.5MM_12XD_A*	03295151	10,5 *0.413*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1072-140-12R1 *SD_DRILL_27/64_12XD_A*	03323720	10,716 *0.422*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1080-140-12R1 *SD_DRILL_10.8MM_12XD_A*	03295152	10,8 *0.425*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1100-140-12R1 *SD_DRILL_11.0MM_12XD_A*	03295153	11,0 *0.433*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1111-140-12R1 *SD_DRILL_7/16_12XD_A*	03323722	11,113 *0.438*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1120-140-12R1 *SD_DRILL_11.2MM_12XD_A*	03295154	11,2 *0.441*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1150-140-12R1 *SD_DRILL_11.5MM_12XD_A*	03295155	11,5 *0.453*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1170-140-12R1 *SD_DRILL_11.7MM_12XD_A*	03295156	11,7 *0.461*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1180-140-12R1 *SD_DRILL_11.8MM_12XD_A*	03295157	11,8 *0.465*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1191-140-12R1 *SD_DRILL_15/32_12XD_A*	03323723	11,906 *0.469*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1200-140-12R1 *SD_DRILL_12.0MM_12XD_A*	03295158	12,0 *0.472*	140,0 *5.512*	206,0 *8.110*	161,0 *6.339*	45,0 *1.772*	158,0 *6.220*	12,0 *0.472*	140°	TiAlN	IT9
SD1112A-1220-168-14R1 *SD_DRILL_12.2MM_12XD_A*	03295159	12,2 *0.480*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1230-168-14R1 *SD_DRILL_31/64_12XD_A*	03295160	12,3 *0.484*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1250-168-14R1 *SD_DRILL_12.5MM_12XD_A*	03295161	12,5 *0.492*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD1112A-1270-168-14R1 *SD_DRILL_1/2_12XD_A*	03295162	12,7 *0.500*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1300-168-14R1 *SD_DRILL_13.0MM_12XD_A*	03295163	13,0 *0.512*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1349-168-14R1 *SD_DRILL_17/32_12XD_A*	03323724	13,494 *0.531*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1350-168-14R1 *SD_DRILL_13.5MM_12XD_A*	03295164	13,5 *0.531*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1400-168-14R1 *SD_DRILL_14.0MM_12XD_A*	03295165	14,0 *0.551*	168,0 *6.614*	230,0 *9.055*	185,0 *7.283*	45,0 *1.772*	182,0 *7.165*	14,0 *0.551*	140°	TiAlN	IT9
SD1112A-1429-192-16R1 *SD_DRILL_9/16_12XD_A*	03295166	14,288 *0.563*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1450-192-16R1 *SD_DRILL_14.5MM_12XD_A*	03295167	14,5 *0.571*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1500-192-16R1 *SD_DRILL_15.0MM_12XD_A*	03295168	15,0 *0.591*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1550-192-16R1 *SD_DRILL_15.5MM_12XD_A*	03295169	15,5 *0.610*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1588-192-16R1 *SD_DRILL_5/8_12XD_A*	03295170	15,875 *0.625*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1600-192-16R1 *SD_DRILL_16.0MM_12XD_A*	03295171	16,0 *0.630*	192,0 *7.559*	260,0 *10.236*	212,0 *8.346*	48,0 *1.890*	208,0 *8.189*	16,0 *0.630*	140°	TiAlN	IT9
SD1112A-1650-216-18R1 *SD_DRILL_16.5MM_12XD_A*	03295172	16,5 *0.650*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1700-216-18R1 *SD_DRILL_17.0MM_12XD_A*	03295173	17,0 *0.669*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1750-216-18R1 *SD_DRILL_17.5MM_12XD_A*	03295174	17,5 *0.689*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1800-216-18R1 *SD_DRILL_18.0MM_12XD_A*	03295175	18,0 *0.709*	216,0 *8.504*	285,0 *11.220*	237,0 *9.331*	48,0 *1.890*	234,0 *9.213*	18,0 *0.709*	140°	TiAlN	IT9
SD1112A-1900-238-20R1 *SD_DRILL_19.0MM_12XD_A*	03295176	19,0 *0.748*	238,0 *9.370*	310,0 *12.205*	260,0 *10.236*	50,0 *1.969*	258,0 *10.157*	20,0 *0.787*	140°	TiAlN	IT9
SD1112A-2000-238-20R1 *SD_DRILL_20.0MM_12XD_A*	03295177	20,0 *0.787*	238,0 *9.370*	310,0 *12.205*	260,0 *10.236*	50,0 *1.969*	258,0 *10.157*	20,0 *0.787*	140°	TiAlN	IT9



Feedmax -P – punte a diametro singolo

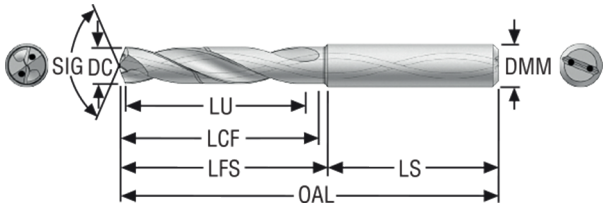
Progettate per alta produttività e basso costo per foro, offrono una combinazione unica di metallo duro, rivestimenti e geometrie all'avanguardia.

- Geometria auto-centrante per fori di alta qualità senza necessità di operazioni di centratura.
- Uno speciale rivestimento TiAlN conferisce alle punte Seco Feedmax un'elevata resistenza al calore, una notevole robustezza del tagliente ed una durata prolungata ed affidabile.

SD203A-P

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 139-140
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-0200-007-04R1-P	03045918	2,0 *0.079*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0210-007-04R1-P	03045919	2,1 *0.083*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0220-007-04R1-P	03045920	2,2 *0.087*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0230-008-04R1-P	03045921	2,3 *0.091*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0235-008-04R1-P	03138154	2,35 *0.093*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0238-008-04R1-P	03120476	2,381 *0.094*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0240-008-04R1-P	03045922	2,4 *0.094*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0250-008-04R1-P	03045923	2,5 *0.098*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0260-008-04R1-P	03045924	2,6 *0.102*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0270-009-04R1-P	03045925	2,7 *0.106*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0278-009-04R1-P	03120495	2,778 *0.109*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0280-009-04R1-P	03045926	2,8 *0.110*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0290-009-04R1-P	03045927	2,9 *0.114*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN	IT8-9
SD203A-0300-014-06R1-P	03045928	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0310-014-06R1-P	03045929	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0318-014-06R1-P	03046061	3,175 *0.125*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0320-014-06R1-P	03045930	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0325-014-06R1-P	03045931	3,25 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0330-014-06R1-P	03045932	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0340-014-06R1-P	03045933	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0350-014-06R1-P	03045934	3,5 *0.138*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0357-014-06R1-P	03046062	3,572 *0.141*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0360-014-06R1-P	03045935	3,6 *0.142*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0365-014-06R1-P	03045936	3,65 *0.144*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0370-014-06R1-P	03045937	3,7 *0.146*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-0380-017-06R1-P	03045938	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0390-017-06R1-P	03045939	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0397-017-06R1-P	03046063	3,97 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0400-017-06R1-P	03045940	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0410-017-06R1-P	03045941	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0420-017-06R1-P	03045942	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0430-017-06R1-P	03045943	4,3 *0.169*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0437-017-06R1-P	03046064	4,366 *0.172*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0450-017-06R1-P	03045944	4,5 *0.177*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0460-017-06R1-P	03045945	4,6 *0.181*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0465-017-06R1-P	03045946	4,65 *0.183*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0470-017-06R1-P	03045947	4,7 *0.185*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0476-020-06R1-P	03046065	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0480-020-06R1-P	03045948	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0490-020-06R1-P	03045949	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0500-020-06R1-P	03045950	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0510-020-06R1-P	03045951	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0516-020-06R1-P	03046066	5,159 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0520-020-06R1-P	03045952	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0530-020-06R1-P	03045953	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0540-020-06R1-P	03045954	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0550-020-06R1-P	03045955	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0555-020-06R1-P	03045956	5,55 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0556-020-06R1-P	03046067	5,556 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0560-020-06R1-P	03045957	5,6 *0.220*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0570-020-06R1-P	03045958	5,7 *0.224*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0580-020-06R1-P	03045959	5,8 *0.228*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0590-020-06R1-P	03045960	5,9 *0.232*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0595-020-06R1-P	03046068	5,953 *0.234*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0600-020-06R1-P	03045961	6,0 *0.236*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN	IT8-9
SD203A-0610-024-08R1-P	03045962	6,1 *0.240*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0620-024-08R1-P	03045963	6,2 *0.244*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0630-024-08R1-P	03045964	6,3 *0.248*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0635-024-08R1-P	03046069	6,35 *0.250*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0640-024-08R1-P	03045965	6,4 *0.252*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-0650-024-08R1-P	03045966	6,5 *0.256*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0660-024-08R1-P	03045967	6,6 *0.260*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0670-024-08R1-P	03045968	6,7 *0.264*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0675-024-08R1-P	03046070	6,747 *0.266*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0680-024-08R1-P	03045969	6,8 *0.268*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0690-024-08R1-P	03045970	6,9 *0.272*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0700-024-08R1-P	03045971	7,0 *0.276*	24,0 *0.945*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0710-029-08R1-P	03045972	7,1 *0.280*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0714-029-08R1-P	03046071	7,144 *0.281*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0720-029-08R1-P	03045973	7,2 *0.283*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0730-029-08R1-P	03045974	7,3 *0.287*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0740-029-08R1-P	03045975	7,4 *0.291*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0750-029-08R1-P	03045976	7,5 *0.295*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0754-029-08R1-P	03046072	7,541 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0755-029-08R1-P	03045977	7,55 *0.297*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0760-029-08R1-P	03045978	7,6 *0.299*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0770-029-08R1-P	03045979	7,7 *0.303*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0780-029-08R1-P	03045980	7,8 *0.307*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0790-029-08R1-P	03045981	7,9 *0.311*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0794-029-08R1-P	03046073	7,938 *0.313*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0800-029-08R1-P	03045982	8,0 *0.315*	29,0 *1.142*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN	IT8-9
SD203A-0810-035-10R1-P	03045983	8,1 *0.319*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0820-035-10R1-P	03045984	8,2 *0.323*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0830-035-10R1-P	03045985	8,3 *0.327*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0833-035-10R1-P	03046074	8,334 *0.328*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0840-035-10R1-P	03045986	8,4 *0.331*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0850-035-10R1-P	03045987	8,5 *0.335*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0860-035-10R1-P	03045988	8,6 *0.339*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0870-035-10R1-P	03045989	8,7 *0.343*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0873-035-10R1-P	03046075	8,731 *0.344*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0880-035-10R1-P	03045990	8,8 *0.346*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0890-035-10R1-P	03045991	8,9 *0.350*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0900-035-10R1-P	03045992	9,0 *0.354*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0910-035-10R1-P	03045993	9,1 *0.358*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0913-035-10R1-P	03046076	9,128 *0.359*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-0920-035-10R1-P	03045994	9,2 *0.362*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0930-035-10R1-P	03045995	9,3 *0.366*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0940-035-10R1-P	03045996	9,4 *0.370*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0950-035-10R1-P	03045997	9,5 *0.374*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0953-035-10R1-P	03046077	9,525 *0.375*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0955-035-10R1-P	03045998	9,55 *0.376*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0960-035-10R1-P	03045999	9,6 *0.378*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0970-035-10R1-P	03046000	9,7 *0.382*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0980-035-10R1-P	03046001	9,8 *0.386*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0990-035-10R1-P	03046002	9,9 *0.390*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-0992-035-10R1-P	03046078	9,922 *0.391*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-1000-035-10R1-P	03046003	10,0 *0.394*	35,0 *1.378*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN	IT8-9
SD203A-1020-040-12R1-P	03046004	10,2 *0.402*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1032-040-12R1-P	03046079	10,319 *0.406*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1040-040-12R1-P	03046005	10,4 *0.409*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1050-040-12R1-P	03046006	10,5 *0.413*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1060-040-12R1-P	03046007	10,6 *0.417*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1072-040-12R1-P	03046080	10,716 *0.422*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1080-040-12R1-P	03046008	10,8 *0.425*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1090-040-12R1-P	03046009	10,9 *0.429*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1100-040-12R1-P	03046010	11,0 *0.433*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1110-040-12R1-P	03046011	11,1 *0.437*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1111-040-12R1-P	03046081	11,113 *0.438*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1120-040-12R1-P	03046012	11,2 *0.441*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1130-040-12R1-P	03046013	11,3 *0.445*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1140-040-12R1-P	03046014	11,4 *0.449*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1150-040-12R1-P	03046015	11,5 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1151-040-12R1-P	03046082	11,509 *0.453*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1155-040-12R1-P	03046016	11,55 *0.455*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1160-040-12R1-P	03046017	11,6 *0.457*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1170-040-12R1-P	03046018	11,7 *0.461*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1180-040-12R1-P	03046019	11,8 *0.465*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1190-040-12R1-P	03046020	11,9 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1191-040-12R1-P	03046083	11,906 *0.469*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9
SD203A-1200-040-12R1-P	03046021	12,0 *0.472*	40,0 *1.575*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN	IT8-9

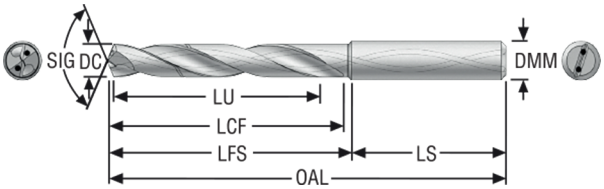
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-1210-043-14R1-P	03046022	12,1 *0.476*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1220-043-14R1-P	03046023	12,2 *0.480*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1230-043-14R1-P	03046084	12,303 *0.484*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1240-043-14R1-P	03046024	12,4 *0.488*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1250-043-14R1-P	03046025	12,5 *0.492*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1260-043-14R1-P	03046026	12,6 *0.496*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1270-043-14R1-P	03046085	12,7 *0.500*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1275-043-14R1-P	03046027	12,75 *0.502*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1280-043-14R1-P	03046028	12,8 *0.504*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1290-043-14R1-P	03046029	12,9 *0.508*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1300-043-14R1-P	03046030	13,0 *0.512*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1310-043-14R1-P	03046031	13,1 *0.516*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1320-043-14R1-P	03046032	13,2 *0.520*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1330-043-14R1-P	03046033	13,3 *0.524*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1340-043-14R1-P	03046034	13,4 *0.528*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1349-043-14R1-P	03046086	13,494 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1350-043-14R1-P	03046035	13,5 *0.531*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1360-043-14R1-P	03046036	13,6 *0.535*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1370-043-14R1-P	03046037	13,7 *0.539*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1380-043-14R1-P	03046038	13,8 *0.543*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1390-043-14R1-P	03046039	13,9 *0.547*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1400-043-14R1-P	03046040	14,0 *0.551*	43,0 *1.693*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN	IT8-9
SD203A-1420-045-16R1-P	03046041	14,2 *0.559*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1425-045-16R1-P	03138155	14,25 *0.561*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1429-045-16R1-P	03046087	14,288 *0.563*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1450-045-16R1-P	03046042	14,5 *0.571*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1470-045-16R1-P	03046043	14,7 *0.579*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1475-045-16R1-P	03046044	14,75 *0.581*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1480-045-16R1-P	03046045	14,8 *0.583*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1500-045-16R1-P	03046046	15,0 *0.591*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1510-045-16R1-P	03046047	15,1 *0.594*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1530-045-16R1-P	03046048	15,3 *0.602*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1550-045-16R1-P	03046049	15,5 *0.610*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1570-045-16R1-P	03046050	15,7 *0.618*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1580-045-16R1-P	03046051	15,8 *0.622*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-1588-045-16R1-P	03046088	15,875 *0.625*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1600-045-16R1-P	03046052	16,0 *0.630*	45,0 *1.772*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN	IT8-9
SD203A-1650-051-18R1-P	03046053	16,5 *0.650*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1700-051-18R1-P	03046054	17,0 *0.669*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1750-051-18R1-P	03046055	17,5 *0.689*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1800-051-18R1-P	03046056	18,0 *0.709*	51,0 *2.008*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN	IT8-9
SD203A-1850-055-20R1-P	03046057	18,5 *0.728*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1900-055-20R1-P	03046058	19,0 *0.748*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1905-055-20R1-P	03046089	19,05 *0.750*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1950-055-20R1-P	03046059	19,5 *0.768*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-1980-055-20R1-P	03138156	19,8 *0.780*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9
SD203A-2000-055-20R1-P	03046060	20,0 *0.787*	55,0 *2.165*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN	IT8-9

SD205A-P

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 141-142
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-0200-012-04R1-P	03046131	2,0 *0.079*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0210-012-04R1-P	03046132	2,1 *0.083*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0220-012-04R1-P	03046133	2,2 *0.087*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0230-012-04R1-P	03046134	2,3 *0.091*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0238-013-04R1-P	03120477	2,381 *0.094*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0240-013-04R1-P	03046135	2,4 *0.094*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0250-013-04R1-P	03046136	2,5 *0.098*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0260-013-04R1-P	03046137	2,6 *0.102*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0270-015-04R1-P	03046138	2,7 *0.106*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0278-015-04R1-P	03120496	2,778 *0.109*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0280-015-04R1-P	03046139	2,8 *0.110*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0290-015-04R1-P	03046141	2,9 *0.114*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN	IT8-9
SD205A-0300-023-06R1-P	03046142	3,0 *0.118*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0310-023-06R1-P	03046143	3,1 *0.122*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0318-023-06R1-P	03046327	3,175 *0.125*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0320-023-06R1-P	03046144	3,2 *0.126*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0325-023-06R1-P	03046145	3,25 *0.128*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0330-023-06R1-P	03046146	3,3 *0.130*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0340-023-06R1-P	03046147	3,4 *0.134*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0350-023-06R1-P	03046148	3,5 *0.138*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0357-023-06R1-P	03046328	3,572 *0.141*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0360-023-06R1-P	03046149	3,6 *0.142*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0365-023-06R1-P	03046150	3,65 *0.144*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0370-023-06R1-P	03046151	3,7 *0.146*	23,0 *0.906*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0380-029-06R1-P	03046152	3,8 *0.150*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-0390-029-06R1-P	03046153	3,9 *0.154*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0397-029-06R1-P	03046329	3,97 *0.156*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0400-029-06R1-P	03046154	4,0 *0.157*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0410-029-06R1-P	03046155	4,1 *0.161*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0420-029-06R1-P	03046157	4,2 *0.165*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0430-029-06R1-P	03046158	4,3 *0.169*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0437-029-06R1-P	03046330	4,366 *0.172*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0440-029-06R1-P	03046159	4,4 *0.173*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0450-029-06R1-P	03046160	4,5 *0.177*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0460-029-06R1-P	03046161	4,6 *0.181*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0465-029-06R1-P	03046162	4,65 *0.183*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0470-029-06R1-P	03046163	4,7 *0.185*	29,0 *1.142*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0476-035-06R1-P	03046331	4,763 *0.188*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0480-035-06R1-P	03046164	4,8 *0.189*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0490-035-06R1-P	03046165	4,9 *0.193*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0500-035-06R1-P	03046166	5,0 *0.197*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0510-035-06R1-P	03046167	5,1 *0.201*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0516-035-06R1-P	03046332	5,159 *0.203*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0520-035-06R1-P	03046168	5,2 *0.205*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0530-035-06R1-P	03046169	5,3 *0.209*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0540-035-06R1-P	03046170	5,4 *0.213*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0550-035-06R1-P	03046171	5,5 *0.217*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0555-035-06R1-P	03046172	5,55 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0556-035-06R1-P	03046333	5,556 *0.219*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0560-035-06R1-P	03046173	5,6 *0.220*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0570-035-06R1-P	03046174	5,7 *0.224*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0580-035-06R1-P	03046175	5,8 *0.228*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0590-035-06R1-P	03046176	5,9 *0.232*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0595-035-06R1-P	03046334	5,953 *0.234*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0600-035-06R1-P	03046177	6,0 *0.236*	35,0 *1.378*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN	IT8-9
SD205A-0610-043-08R1-P	03046179	6,1 *0.240*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0620-043-08R1-P	03046180	6,2 *0.244*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0630-043-08R1-P	03046181	6,3 *0.248*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0635-043-08R1-P	03046335	6,35 *0.250*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0640-043-08R1-P	03046182	6,4 *0.252*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-0650-043-08R1-P	03046183	6,5 *0.256*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0660-043-08R1-P	03046184	6,6 *0.260*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0670-043-08R1-P	03046185	6,7 *0.264*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0675-043-08R1-P	03046336	6,747 *0.266*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0680-043-08R1-P	03046186	6,8 *0.268*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0690-043-08R1-P	03046187	6,9 *0.272*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0700-043-08R1-P	03046188	7,0 *0.276*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0710-043-08R1-P	03046190	7,1 *0.280*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0714-043-08R1-P	03046337	7,144 *0.281*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0720-043-08R1-P	03046191	7,2 *0.283*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0730-043-08R1-P	03046192	7,3 *0.287*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0740-043-08R1-P	03046193	7,4 *0.291*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0750-043-08R1-P	03046194	7,5 *0.295*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0754-043-08R1-P	03046338	7,541 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0755-043-08R1-P	03046195	7,55 *0.297*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0760-043-08R1-P	03046196	7,6 *0.299*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0770-043-08R1-P	03046197	7,7 *0.303*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0780-043-08R1-P	03046198	7,8 *0.307*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0790-043-08R1-P	03046199	7,9 *0.311*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0794-043-08R1-P	03046339	7,938 *0.313*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0800-043-08R1-P	03046200	8,0 *0.315*	43,0 *1.693*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN	IT8-9
SD205A-0810-049-10R1-P	03046201	8,1 *0.319*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0820-049-10R1-P	03046202	8,2 *0.323*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0830-049-10R1-P	03046203	8,3 *0.327*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0833-049-10R1-P	03046340	8,334 *0.328*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0840-049-10R1-P	03046204	8,4 *0.331*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0850-049-10R1-P	03046205	8,5 *0.335*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0860-049-10R1-P	03046206	8,6 *0.339*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0870-049-10R1-P	03046207	8,7 *0.343*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0873-049-10R1-P	03046341	8,731 *0.344*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0880-049-10R1-P	03046208	8,8 *0.346*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0890-049-10R1-P	03046209	8,9 *0.350*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0900-049-10R1-P	03046210	9,0 *0.354*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0910-049-10R1-P	03046211	9,1 *0.358*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0913-049-10R1-P	03046342	9,128 *0.359*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-0920-049-10R1-P	03046212	9,2 *0.362*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0930-049-10R1-P	03046213	9,3 *0.366*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0940-049-10R1-P	03046214	9,4 *0.370*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0950-049-10R1-P	03046215	9,5 *0.374*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0953-049-10R1-P	03046343	9,525 *0.375*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0955-049-10R1-P	03046216	9,55 *0.376*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0960-049-10R1-P	03046217	9,6 *0.378*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0970-049-10R1-P	03046218	9,7 *0.382*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0980-049-10R1-P	03046219	9,8 *0.386*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0990-049-10R1-P	03046220	9,9 *0.390*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-0992-049-10R1-P	03046344	9,922 *0.391*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-1000-049-10R1-P	03046221	10,0 *0.394*	49,0 *1.929*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN	IT8-9
SD205A-1010-056-12R1-P	03046222	10,1 *0.398*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1020-056-12R1-P	03046223	10,2 *0.402*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1030-056-12R1-P	03046224	10,3 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1032-056-12R1-P	03046345	10,319 *0.406*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1040-056-12R1-P	03046225	10,4 *0.409*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1050-056-12R1-P	03046226	10,5 *0.413*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1060-056-12R1-P	03046227	10,6 *0.417*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1070-056-12R1-P	03046228	10,7 *0.421*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1072-056-12R1-P	03046346	10,716 *0.422*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1080-056-12R1-P	03046229	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1090-056-12R1-P	03046230	10,9 *0.429*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1100-056-12R1-P	03046231	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1110-056-12R1-P	03046232	11,1 *0.437*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1111-056-12R1-P	03046347	11,113 *0.438*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1120-056-12R1-P	03046233	11,2 *0.441*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1130-056-12R1-P	03046234	11,3 *0.445*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1140-056-12R1-P	03046235	11,4 *0.449*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1150-056-12R1-P	03046236	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1151-056-12R1-P	03046348	11,509 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1155-056-12R1-P	03046237	11,55 *0.455*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1160-056-12R1-P	03046238	11,6 *0.457*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1170-056-12R1-P	03046239	11,7 *0.461*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1180-056-12R1-P	03046240	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-1190-056-12R1-P	03046241	11,9 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1191-056-12R1-P	03046349	11,906 *0.469*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1200-056-12R1-P	03046242	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN	IT8-9
SD205A-1210-060-14R1-P	03046243	12,1 *0.476*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1220-060-14R1-P	03046244	12,2 *0.480*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1225-060-14R1-P	03046245	12,25 *0.482*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1230-060-14R1-P	03138157	12,3 *0.484*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1240-060-14R1-P	03046246	12,4 *0.488*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1250-060-14R1-P	03046247	12,5 *0.492*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1260-060-14R1-P	03046248	12,6 *0.496*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1270-060-14R1-P	03120497	12,7 *0.500*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1275-060-14R1-P	03046249	12,75 *0.502*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1280-060-14R1-P	03046250	12,8 *0.504*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1290-060-14R1-P	03046251	12,9 *0.508*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1300-060-14R1-P	03046252	13,0 *0.512*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1310-060-14R1-P	03046253	13,1 *0.516*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1320-060-14R1-P	03046254	13,2 *0.520*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1330-060-14R1-P	03046255	13,3 *0.524*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1340-060-14R1-P	03046256	13,4 *0.528*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1349-060-14R1-P	03046350	13,494 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1350-060-14R1-P	03046257	13,5 *0.531*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1355-060-14R1-P	03138158	13,55 *0.533*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1360-060-14R1-P	03046258	13,6 *0.535*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1370-060-14R1-P	03046259	13,7 *0.539*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1380-060-14R1-P	03046260	13,8 *0.543*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1389-060-14R1-P	03120498	13,891 *0.547*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1390-060-14R1-P	03046261	13,9 *0.547*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1400-060-14R1-P	03046262	14,0 *0.551*	60,0 *2.362*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN	IT8-9
SD205A-1410-063-16R1-P	03046263	14,1 *0.555*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1420-063-16R1-P	03046264	14,2 *0.559*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1425-063-16R1-P	03138159	14,25 *0.561*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1429-063-16R1-P	03046351	14,288 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1430-063-16R1-P	03046265	14,3 *0.563*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1440-063-16R1-P	03046266	14,4 *0.567*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1450-063-16R1-P	03046267	14,5 *0.571*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9

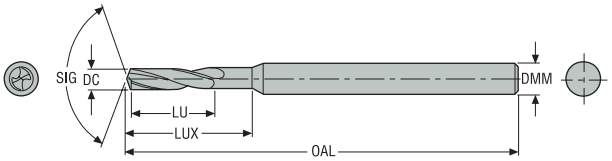
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-1460-063-16R1-P	03046268	14,6 *0.575*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1470-063-16R1-P	03046269	14,7 *0.579*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1475-063-16R1-P	03046270	14,75 *0.581*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1480-063-16R1-P	03046271	14,8 *0.583*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1490-063-16R1-P	03046272	14,9 *0.587*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1500-063-16R1-P	03046273	15,0 *0.591*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1510-063-16R1-P	03046274	15,1 *0.594*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1520-063-16R1-P	03046275	15,2 *0.598*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1525-063-16R1-P	03138160	15,25 *0.600*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1530-063-16R1-P	03046276	15,3 *0.602*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1540-063-16R1-P	03046277	15,4 *0.606*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1550-063-16R1-P	03046278	15,5 *0.610*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1560-063-16R1-P	03046280	15,6 *0.614*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1570-063-16R1-P	03046281	15,7 *0.618*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1580-063-16R1-P	03046282	15,8 *0.622*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1588-063-16R1-P	03046352	15,875 *0.625*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1590-063-16R1-P	03046283	15,9 *0.626*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1600-063-16R1-P	03046284	16,0 *0.630*	63,0 *2.480*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN	IT8-9
SD205A-1610-071-18R1-P	03046285	16,1 *0.634*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1620-071-18R1-P	03046286	16,2 *0.638*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1625-071-18R1-P	03138161	16,25 *0.640*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1630-071-18R1-P	03046287	16,3 *0.642*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1640-071-18R1-P	03046288	16,4 *0.646*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1650-071-18R1-P	03046289	16,5 *0.650*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1660-071-18R1-P	03046290	16,6 *0.654*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1667-071-18R1-P	03120499	16,669 *0.656*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1670-071-18R1-P	03046291	16,7 *0.657*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1675-071-18R1-P	03046292	16,75 *0.659*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1680-071-18R1-P	03046293	16,8 *0.661*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1690-071-18R1-P	03046294	16,9 *0.665*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1700-071-18R1-P	03046296	17,0 *0.669*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1710-071-18R1-P	03046297	17,1 *0.673*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1720-071-18R1-P	03046298	17,2 *0.677*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1730-071-18R1-P	03046299	17,3 *0.681*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1740-071-18R1-P	03046300	17,4 *0.685*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-1746-071-18R1-P	03120500	17,463 *0.688*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1750-071-18R1-P	03046301	17,5 *0.689*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1760-071-18R1-P	03046302	17,6 *0.693*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1770-071-18R1-P	03046303	17,7 *0.697*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1780-071-18R1-P	03046304	17,8 *0.701*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1790-071-18R1-P	03046305	17,9 *0.705*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1800-071-18R1-P	03046306	18,0 *0.709*	71,0 *2.795*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN	IT8-9
SD205A-1810-077-20R1-P	03046307	18,1 *0.713*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1820-077-20R1-P	03046308	18,2 *0.717*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1830-077-20R1-P	03046309	18,3 *0.720*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1840-077-20R1-P	03046310	18,4 *0.724*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1850-077-20R1-P	03046311	18,5 *0.728*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1860-077-20R1-P	03046312	18,6 *0.732*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1870-077-20R1-P	03046313	18,7 *0.736*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1880-077-20R1-P	03046314	18,8 *0.740*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1890-077-20R1-P	03046315	18,9 *0.744*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1900-077-20R1-P	03046316	19,0 *0.748*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1905-077-20R1-P	03046353	19,05 *0.750*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1910-077-20R1-P	03046317	19,1 *0.752*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1920-077-20R1-P	03046318	19,2 *0.756*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1930-077-20R1-P	03046319	19,3 *0.760*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1940-077-20R1-P	03046320	19,4 *0.764*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1950-077-20R1-P	03046321	19,5 *0.768*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1960-077-20R1-P	03046322	19,6 *0.772*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1970-077-20R1-P	03046323	19,7 *0.776*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1980-077-20R1-P	03046324	19,8 *0.780*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-1990-077-20R1-P	03046325	19,9 *0.783*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9
SD205A-2000-077-20R1-P	03046326	20,0 *0.787*	77,0 *3.031*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN	IT8-9

SD206

Profondità di foratura ~ 6 x D – Misure metriche/Pollici





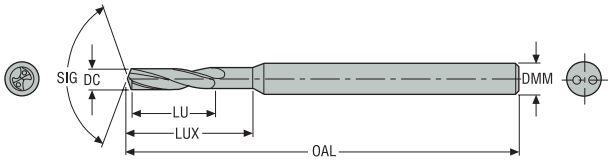
—Codolo cilindrico
—Adduzione refrigerante esterna
—Per i parametri di taglio raccomandati, vedere pagina(e) 143

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD206-0.70-4.2-3R1	02731644	0,7 *0.028*	4,2 *0.165*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	140°	TiAlN	IT9
SD206-0.80-4.8-3R1	02731645	0,8 *0.031*	4,8 *0.189*	38,0 *1.496*	6,7 *0.264*	3,0 *0.118*	140°	TiAlN	IT9
SD206-0.90-5.4-3R1	02731646	0,9 *0.035*	5,4 *0.213*	38,0 *1.496*	7,8 *0.307*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.00-6.0-3R1	02731647	1,0 *0.039*	6,0 *0.236*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.10-6.6-3R1	02731648	1,1 *0.043*	6,6 *0.260*	38,0 *1.496*	8,6 *0.339*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.20-7.2-3R1	02731649	1,2 *0.047*	7,2 *0.283*	38,0 *1.496*	9,2 *0.362*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.30-7.8-3R1	02731650	1,3 *0.051*	7,8 *0.307*	38,0 *1.496*	9,8 *0.386*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.40-8.4-3R1	02731651	1,4 *0.055*	8,4 *0.331*	38,0 *1.496*	10,4 *0.409*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.50-9.0-3R1	02731652	1,5 *0.059*	9,0 *0.354*	38,0 *1.496*	11,0 *0.433*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.60-9.6-3R1	02731653	1,6 *0.063*	9,6 *0.378*	38,0 *1.496*	11,6 *0.457*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.70-10.2-3R1	02731654	1,7 *0.067*	10,2 *0.402*	38,0 *1.496*	12,2 *0.480*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.80-10.8-3R1	02731655	1,8 *0.071*	10,8 *0.425*	38,0 *1.496*	12,8 *0.504*	3,0 *0.118*	140°	TiAlN	IT9
SD206-1.90-11.4-3R1	02731656	1,9 *0.075*	11,4 *0.449*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	140°	TiAlN	IT9
SD206-2.00-12.0-3R1	02731657	2,0 *0.079*	12,0 *0.472*	50,0 *1.969*	14,0 *0.551*	3,0 *0.118*	140°	TiAlN	IT9

SD206A

Profondità di foratura ~ 6 x D – Misure metriche/Pollici





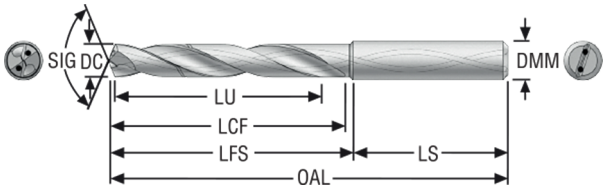
—Codolo cilindrico
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 144

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD206A-1.00-6.0-3R1	02731658	1,0 *0.039*	6,0 *0.236*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.10-6.6-3R1	02731659	1,1 *0.043*	6,6 *0.260*	38,0 *1.496*	8,6 *0.339*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.20-7.2-3R1	02731660	1,2 *0.047*	7,2 *0.283*	38,0 *1.496*	9,2 *0.362*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.30-7.8-3R1	02731661	1,3 *0.051*	7,8 *0.307*	38,0 *1.496*	9,8 *0.386*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.40-8.4-3R1	02731662	1,4 *0.055*	8,4 *0.331*	38,0 *1.496*	10,4 *0.409*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.50-9.0-3R1	02731663	1,5 *0.059*	9,0 *0.354*	38,0 *1.496*	11,0 *0.433*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.60-9.6-3R1	02731664	1,6 *0.063*	9,6 *0.378*	38,0 *1.496*	11,6 *0.457*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.70-10.2-3R1	02731665	1,7 *0.067*	10,2 *0.402*	38,0 *1.496*	12,2 *0.480*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.80-10.8-3R1	02731666	1,8 *0.071*	10,8 *0.425*	38,0 *1.496*	12,8 *0.504*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-1.90-11.4-3R1	02731667	1,9 *0.075*	11,4 *0.449*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	140°	TiAlN	IT9
SD206A-2.00-12.0-3R1	02731668	2,0 *0.079*	12,0 *0.472*	50,0 *1.969*	14,0 *0.551*	3,0 *0.118*	140°	TiAlN	IT9

SD207A-P

Profondità di foratura ~ 7 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 145
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD207A-0300-030-06R1-P	03046358	3,0 *0.118*	30,0 *1.181*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0330-030-06R1-P	03046359	3,3 *0.130*	30,0 *1.181*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0350-030-06R1-P	03046360	3,5 *0.138*	30,0 *1.181*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	36,0 *1.417*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0400-037-06R1-P	03046361	4,0 *0.157*	37,0 *1.457*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	43,0 *1.693*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0450-037-06R1-P	03046412	4,5 *0.177*	37,0 *1.457*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	43,0 *1.693*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0480-045-06R1-P	03046413	4,8 *0.189*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0500-045-06R1-P	03046414	5,0 *0.197*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0520-045-06R1-P	03046362	5,2 *0.205*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0550-045-06R1-P	03046363	5,5 *0.217*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0580-045-06R1-P	03046407	5,8 *0.228*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0600-045-06R1-P	03046364	6,0 *0.236*	45,0 *1.772*	94,0 *3.701*	58,0 *2.283*	36,0 *1.417*	56,0 *2.205*	6,0 *0.236*	140°	TiAlN	IT9
SD207A-0635-057-08R1-P	03046365	6,35 *0.250*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0650-057-08R1-P	03046366	6,5 *0.256*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0680-057-08R1-P	03046367	6,8 *0.268*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0690-057-08R1-P	03046368	6,9 *0.272*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0700-057-08R1-P	03046369	7,0 *0.276*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	67,0 *2.638*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0750-057-08R1-P	03046370	7,5 *0.295*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	72,0 *2.835*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0780-057-08R1-P	03046371	7,8 *0.307*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	72,0 *2.835*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0800-057-08R1-P	03046372	8,0 *0.315*	57,0 *2.244*	110,0 *4.331*	74,0 *2.913*	36,0 *1.417*	72,0 *2.835*	8,0 *0.315*	140°	TiAlN	IT9
SD207A-0850-062-10R1-P	03046373	8,5 *0.335*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0860-062-10R1-P	03046374	8,6 *0.339*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0870-062-10R1-P	03046411	8,7 *0.343*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0880-062-10R1-P	03046408	8,8 *0.346*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0900-062-10R1-P	03046375	9,0 *0.354*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0950-062-10R1-P	03046376	9,5 *0.374*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9

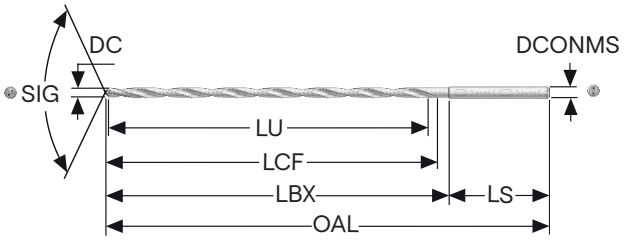
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD207A-0953-062-10R1-P	03046377	9,525 *0.375*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0975-062-10R1-P	03046402	9,75 *0.384*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-0980-062-10R1-P	03046403	9,8 *0.386*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-1000-062-10R1-P	03046378	10,0 *0.394*	62,0 *2.441*	122,0 *4.803*	82,0 *3.228*	40,0 *1.575*	80,0 *3.150*	10,0 *0.394*	140°	TiAlN	IT9
SD207A-1020-072-12R1-P	03046379	10,2 *0.402*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1040-072-12R1-P	03046401	10,4 *0.409*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1050-072-12R1-P	03046380	10,5 *0.413*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1080-072-12R1-P	03046404	10,8 *0.425*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1100-072-12R1-P	03046381	11,0 *0.433*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1150-072-12R1-P	03046382	11,5 *0.453*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1180-072-12R1-P	03046405	11,8 *0.465*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1200-072-12R1-P	03046383	12,0 *0.472*	72,0 *2.835*	141,0 *5.551*	96,0 *3.780*	45,0 *1.772*	94,0 *3.701*	12,0 *0.472*	140°	TiAlN	IT9
SD207A-1225-083-14R1-P	03046415	12,25 *0.482*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1250-083-14R1-P	03046384	12,5 *0.492*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1270-083-14R1-P	03046385	12,7 *0.500*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1280-083-14R1-P	03046416	12,8 *0.504*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1300-083-14R1-P	03046386	13,0 *0.512*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1350-083-14R1-P	03046387	13,5 *0.531*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1380-083-14R1-P	03046409	13,8 *0.543*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1400-083-14R1-P	03046388	14,0 *0.551*	83,0 *3.268*	155,0 *6.102*	110,0 *4.331*	45,0 *1.772*	108,0 *4.252*	14,0 *0.551*	140°	TiAlN	IT9
SD207A-1425-092-16R1-P	03046417	14,25 *0.561*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1450-092-16R1-P	03046389	14,5 *0.571*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1480-092-16R1-P	03046418	14,8 *0.583*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1500-092-16R1-P	03046390	15,0 *0.591*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1550-092-16R1-P	03046391	15,5 *0.610*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1580-092-16R1-P	03046410	15,8 *0.622*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1600-092-16R1-P	03046392	16,0 *0.630*	92,0 *3.622*	171,0 *6.732*	123,0 *4.843*	48,0 *1.890*	121,0 *4.764*	16,0 *0.630*	140°	TiAlN	IT9
SD207A-1650-103-18R1-P	03046393	16,5 *0.650*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1680-103-18R1-P	03046419	16,8 *0.661*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1700-103-18R1-P	03046394	17,0 *0.669*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1750-103-18R1-P	03046395	17,5 *0.689*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1780-103-18R1-P	03046420	17,8 *0.701*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1800-103-18R1-P	03046396	18,0 *0.709*	103,0 *4.055*	185,0 *7.283*	137,0 *5.394*	48,0 *1.890*	135,0 *5.315*	18,0 *0.709*	140°	TiAlN	IT9
SD207A-1850-112-20R1-P	03046397	18,5 *0.728*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-1880-112-20R1-P	03046421	18,8 *0.740*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD207A-1900-112-20R1-P	03046398	19,0 *0.748*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-1905-112-20R1-P	03046399	19,05 *0.750*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-1980-112-20R1-P	03046406	19,8 *0.780*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9
SD207A-2000-112-20R1-P	03046400	20,0 *0.787*	112,0 *4.409*	200,0 *7.874*	150,0 *5.906*	50,0 *1.969*	148,0 *5.827*	20,0 *0.787*	140°	TiAlN	IT9

SD2016A

Profondità di foratura ~ 16 x D – Misure metriche/Pollici





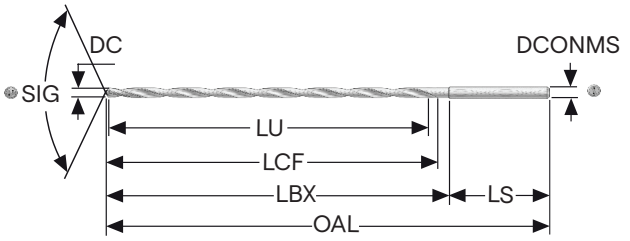
- Codolo cilindrico DIN 6537A
- Adduzione refrigerante interna
- Per i parametri di taglio raccomandati, vedere pagina(e) 146
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LCF	LB	OAL	LS	DCONMS	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD2016A-0300-050-04R1	10307340	3,0 *0.118*	50 *1.969*	56,0 *2.205*	61,0 *2.402*	88,0 *3.465*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2016A-0350-060-04R1	10307341	3,5 *0.138*	60 *2.362*	67,0 *2.638*	72,0 *2.835*	99,0 *3.898*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2016A-0400-060-04R1	10307342	4,0 *0.157*	60 *2.362*	67,0 *2.638*	72,0 *2.835*	99,0 *3.898*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2016A-0450-070-06R1	10307343	4,5 *0.177*	70 *2.756*	79,0 *3.110*	81,0 *3.189*	117,0 *4.606*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2016A-0500-090-06R1	10307344	5,0 *0.197*	90 *3.543*	103,0 *4.055*	106,0 *4.173*	142,0 *5.591*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2016A-0550-090-06R1	10307345	5,5 *0.217*	90 *3.543*	103,0 *4.055*	106,0 *4.173*	142,0 *5.591*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2016A-0600-090-06R1	10307346	6,0 *0.236*	90 *3.543*	103,0 *4.055*	106,0 *4.173*	142,0 *5.591*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2016A-0635-120-08R1	10307348	6,35 *0.250*	120 *4.724*	137,0 *5.394*	141,0 *5.551*	177,0 *6.969*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2016A-0650-120-08R1	10307347	6,5 *0.256*	120 *4.724*	137,0 *5.394*	141,0 *5.551*	177,0 *6.969*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2016A-0700-120-08R1	10307349	7,0 *0.276*	120 *4.724*	137,0 *5.394*	141,0 *5.551*	177,0 *6.969*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2016A-0750-120-08R1	10307350	7,5 *0.295*	120 *4.724*	137,0 *5.394*	141,0 *5.551*	177,0 *6.969*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2016A-0794-120-08R1	10307351	7,94 *0.313*	120 *4.724*	137,0 *5.394*	141,0 *5.551*	177,0 *6.969*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2016A-0800-120-08R1	10307352	8,0 *0.315*	120 *4.724*	137,0 *5.394*	141,0 *5.551*	177,0 *6.969*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2016A-0850-150-10R1	10307353	8,5 *0.335*	150 *5.906*	172,0 *6.772*	176,0 *6.929*	216,0 *8.504*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2016A-0900-150-10R1	10307354	9,0 *0.354*	150 *5.906*	172,0 *6.772*	176,0 *6.929*	216,0 *8.504*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2016A-0950-150-10R1	10307355	9,5 *0.374*	150 *5.906*	172,0 *6.772*	176,0 *6.929*	216,0 *8.504*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2016A-0952-150-10R1	10307356	9,52 *0.375*	150 *5.906*	172,0 *6.772*	176,0 *6.929*	216,0 *8.504*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2016A-1000-150-10R1	10307357	10,0 *0.394*	150 *5.906*	172,0 *6.772*	176,0 *6.929*	216,0 *8.504*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2016A-1050-180-12R1	10307358	10,5 *0.413*	180 *7.087*	207,0 *8.150*	211,0 *8.307*	256,0 *10.079*	–	12,0 *0.472*	136°	TiAlN + TiN	IT9
SD2016A-1100-180-12R1	10307359	11,0 *0.433*	180 *7.087*	207,0 *8.150*	211,0 *8.307*	256,0 *10.079*	–	12,0 *0.472*	136°	TiAlN + TiN	IT9
SD2016A-1150-180-12R1	10307360	11,5 *0.453*	180 *7.087*	207,0 *8.150*	211,0 *8.307*	256,0 *10.079*	–	12,0 *0.472*	136°	TiAlN + TiN	IT9
SD2016A-1200-180-12R1	10307361	12,0 *0.472*	180 *7.087*	207,0 *8.150*	211,0 *8.307*	256,0 *10.079*	–	12,0 *0.472*	136°	TiAlN + TiN	IT9

SD2020A

Profondità di foratura ~ 20 x D – Misure metriche/Pollici





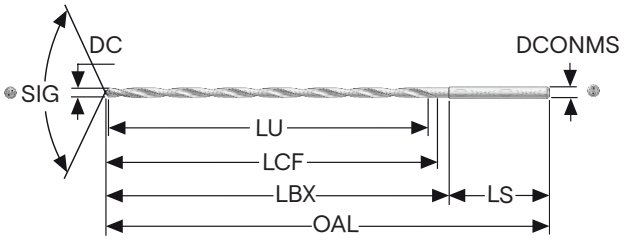
—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 146
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LCF	LB	OAL	LS	DCONMS	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD2020A-0300-063-04R1	10307362	3,0 *0.118*	63 *2.480*	69,0 *2.717*	74,0 *2.913*	101,0 *3.976*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2020A-0350-070-04R1	10307363	3,5 *0.138*	70 *2.756*	82,0 *3.228*	87,0 *3.425*	114,0 *4.488*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2020A-0400-070-04R1	10307364	4,0 *0.157*	70 *2.756*	82,0 *3.228*	87,0 *3.425*	114,0 *4.488*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2020A-0450-090-06R1	10307365	4,5 *0.177*	90 *3.543*	98,0 *3.858*	102,0 *4.016*	138,0 *5.433*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2020A-0500-110-06R1	10307366	5,0 *0.197*	110 *4.331*	120,0 *4.724*	124,0 *4.882*	160,0 *6.299*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2020A-0550-110-06R1	10307367	5,5 *0.217*	110 *4.331*	120,0 *4.724*	124,0 *4.882*	160,0 *6.299*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2020A-0600-110-06R1	10307368	6,0 *0.236*	110 *4.331*	120,0 *4.724*	124,0 *4.882*	160,0 *6.299*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2020A-0635-145-08R1	10307370	6,35 *0.250*	145 *5.709*	159,0 *6.260*	163,0 *6.417*	199,0 *7.835*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2020A-0650-145-08R1	10307369	6,5 *0.256*	145 *5.709*	159,0 *6.260*	163,0 *6.417*	199,0 *7.835*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2020A-0700-145-08R1	10307371	7,0 *0.276*	145 *5.709*	159,0 *6.260*	163,0 *6.417*	199,0 *7.835*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2020A-0750-145-08R1	10307372	7,5 *0.295*	145 *5.709*	159,0 *6.260*	163,0 *6.417*	199,0 *7.835*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2020A-0794-145-08R1	10307373	7,94 *0.313*	145 *5.709*	159,0 *6.260*	163,0 *6.417*	199,0 *7.835*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2020A-0800-145-08R1	10307374	8,0 *0.315*	145 *5.709*	159,0 *6.260*	163,0 *6.417*	199,0 *7.835*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2020A-0850-185-10R1	10307375	8,5 *0.335*	185 *7.283*	202,0 *7.953*	206,0 *8.110*	246,0 *9.685*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2020A-0900-185-10R1	10307376	9,0 *0.354*	185 *7.283*	202,0 *7.953*	206,0 *8.110*	246,0 *9.685*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2020A-0950-185-10R1	10307377	9,5 *0.374*	185 *7.283*	202,0 *7.953*	206,0 *8.110*	246,0 *9.685*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2020A-0952-185-10R1	10307378	9,52 *0.375*	185 *7.283*	202,0 *7.953*	206,0 *8.110*	246,0 *9.685*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2020A-1000-185-10R1	10307379	10,0 *0.394*	185 *7.283*	202,0 *7.953*	206,0 *8.110*	246,0 *9.685*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9

SD2025A

Profondità di foratura ~ 25 x D– Misure metriche/Pollici





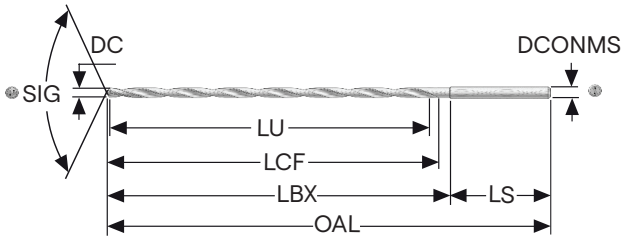
–Codolo cilindrico DIN 6537A
–Adduzione refrigerante interna
–Per i parametri di taglio raccomandati, vedere pagina(e) 146
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LCF	LB	OAL	LS	DCONMS	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD2025A-0300-079-04R1	10307380	3,0 *0.118*	79 *3.110*	85,0 *3.346*	90,0 *3.543*	117,0 *4.606*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2025A-0400-094-04R1	10307381	4,0 *0.157*	94 *3.701*	101,0 *3.976*	106,0 *4.173*	133,0 *5.236*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2025A-0450-112-06R1	10307382	4,5 *0.177*	112 *4.409*	121,0 *4.764*	124,0 *4.882*	160,0 *6.299*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2025A-0500-140-06R1	10307383	5,0 *0.197*	140 *5.512*	151,0 *5.945*	154,0 *6.063*	190,0 *7.480*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2025A-0550-140-06R1	10307384	5,5 *0.217*	140 *5.512*	151,0 *5.945*	154,0 *6.063*	190,0 *7.480*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2025A-0600-140-06R1	10307385	6,0 *0.236*	140 *5.512*	151,0 *5.945*	154,0 *6.063*	190,0 *7.480*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2025A-0635-188-08R1	10307387	6,35 *0.250*	188 *7.402*	202,0 *7.953*	205,0 *8.071*	241,0 *9.488*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2025A-0650-188-08R1	10307386	6,5 *0.256*	188 *7.402*	202,0 *7.953*	205,0 *8.071*	241,0 *9.488*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2025A-0700-188-08R1	10307388	7,0 *0.276*	188 *7.402*	202,0 *7.953*	205,0 *8.071*	241,0 *9.488*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2025A-0750-188-08R1	10307389	7,5 *0.295*	188 *7.402*	202,0 *7.953*	205,0 *8.071*	241,0 *9.488*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2025A-0794-188-08R1	10307390	7,94 *0.313*	188 *7.402*	202,0 *7.953*	205,0 *8.071*	241,0 *9.488*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2025A-0800-188-08R1	10307391	8,0 *0.315*	188 *7.402*	202,0 *7.953*	205,0 *8.071*	241,0 *9.488*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2025A-0850-234-10R1	10307392	8,5 *0.335*	234 *9.213*	252,0 *9.921*	255,0 *10.039*	295,0 *11.614*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2025A-0900-234-10R1	10307393	9,0 *0.354*	234 *9.213*	252,0 *9.921*	255,0 *10.039*	295,0 *11.614*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2025A-0950-234-10R1	10307395	9,5 *0.374*	234 *9.213*	252,0 *9.921*	255,0 *10.039*	295,0 *11.614*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2025A-0952-234-10R1	10307396	9,52 *0.375*	234 *9.213*	252,0 *9.921*	255,0 *10.039*	295,0 *11.614*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2025A-1000-234-10R1	10307397	10,0 *0.394*	234 *9.213*	252,0 *9.921*	255,0 *10.039*	295,0 *11.614*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9

SD2030A

Profondità di foratura ~ 30 x D – Misure metriche/Pollici





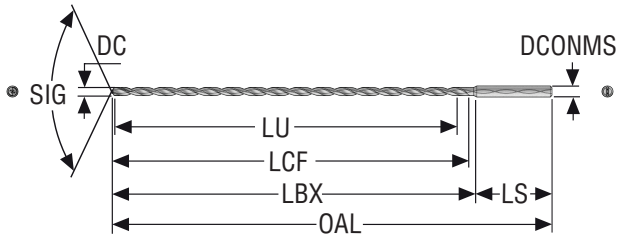
—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 146
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LCF	LB	OAL	LS	DCONMS	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD2030A-0300-095-04R1	10307398	3,0 *0.118*	95 *3.740*	101,0 *3.976*	106,0 *4.173*	133,0 *5.236*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2030A-0400-112-04R1	10307399	4,0 *0.157*	112 *4.409*	119,0 *4.685*	124,0 *4.882*	151,0 *5.945*	–	4,0 *0.157*	136°	TiAlN + TiN	IT9
SD2030A-0450-135-06R1	10307400	4,5 *0.177*	135 *5.315*	145,0 *5.709*	149,0 *5.866*	185,0 *7.283*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2030A-0500-170-06R1	10307401	5,0 *0.197*	170 *6.693*	180,0 *7.087*	184,0 *7.244*	220,0 *8.661*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2030A-0550-170-06R1	10307402	5,5 *0.217*	170 *6.693*	180,0 *7.087*	184,0 *7.244*	220,0 *8.661*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2030A-0600-170-06R1	10307403	6,0 *0.236*	170 *6.693*	180,0 *7.087*	184,0 *7.244*	220,0 *8.661*	–	6,0 *0.236*	136°	TiAlN + TiN	IT9
SD2030A-0635-225-08R1	10307405	6,35 *0.250*	225 *8.858*	239,0 *9.409*	243,0 *9.567*	279,0 *10.984*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2030A-0650-225-08R1	10307404	6,5 *0.256*	225 *8.858*	239,0 *9.409*	243,0 *9.567*	279,0 *10.984*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2030A-0700-225-08R1	10307406	7,0 *0.276*	225 *8.858*	239,0 *9.409*	243,0 *9.567*	279,0 *10.984*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2030A-0750-225-08R1	10307407	7,5 *0.295*	225 *8.858*	239,0 *9.409*	243,0 *9.567*	279,0 *10.984*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2030A-0794-225-08R1	10307408	7,94 *0.313*	225 *8.858*	239,0 *9.409*	243,0 *9.567*	279,0 *10.984*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2030A-0800-225-08R1	10307409	8,0 *0.315*	225 *8.858*	239,0 *9.409*	243,0 *9.567*	279,0 *10.984*	–	8,0 *0.315*	136°	TiAlN + TiN	IT9
SD2030A-0850-285-10R1	10307410	8,5 *0.335*	285 *11.220*	302,0 *11.890*	306,0 *12.047*	346,0 *13.622*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2030A-0900-285-10R1	10307411	9,0 *0.354*	285 *11.220*	302,0 *11.890*	306,0 *12.047*	346,0 *13.622*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2030A-0950-285-10R1	10307412	9,5 *0.374*	285 *11.220*	302,0 *11.890*	306,0 *12.047*	346,0 *13.622*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2030A-0952-285-10R1	10307413	9,52 *0.375*	285 *11.220*	302,0 *11.890*	306,0 *12.047*	346,0 *13.622*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9
SD2030A-1000-285-10R1	10307414	10,0 *0.394*	285 *11.220*	302,0 *11.890*	306,0 *12.047*	346,0 *13.622*	–	10,0 *0.394*	136°	TiAlN + TiN	IT9

SD2040A

Profondità di foratura ~ 40 x D – Misure metriche/Pollici





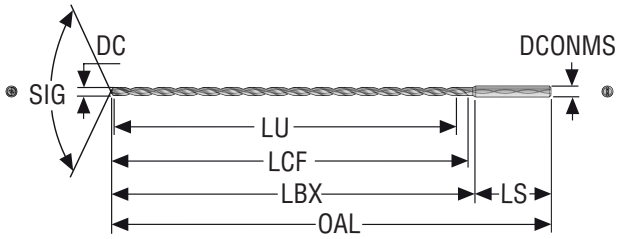
—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 147
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LCF	LB	OAL	LS	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD2040A-0300-120-04R1	10143441	3,0 *0.118*	120 *4.724*	128,0 –	130,0 *5.118*	157,0 *6.181*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9-10
SD2040A-0400-160-04R1	10143442	4,0 *0.157*	160 *6.299*	169,0 –	142,0 *5.591*	198,0 *7.795*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9-10
SD2040A-0450-180-06R1	10143443	4,5 *0.177*	180 *7.087*	190,0 –	202,0 *7.953*	238,0 *9.370*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9-10
SD2040A-0500-200-06R1	10143444	5,0 *0.197*	200 *7.874*	210,5 –	213,0 *8.386*	249,0 *9.803*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9-10
SD2040A-0600-240-06R1	10143445	6,0 *0.236*	240 *9.449*	252,0 –	254,0 *10.000*	290,0 *11.417*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9-10
SD2040A-0635-254-08R1	10143446	6,35 *0.250*	254 *10.000*	266,5 –	275,0 *10.827*	311,0 *12.244*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0650-260-08R1	10143447	6,5 *0.256*	260 *10.236*	273,0 –	275,0 *10.827*	311,0 *12.244*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0700-280-08R1	10143448	7,0 *0.276*	280 *11.024*	293,5 –	296,0 *11.654*	332,0 *13.071*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0750-300-08R1	10143449	7,5 *0.295*	300 *11.811*	314,0 –	316,0 *12.441*	352,0 *13.858*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10
SD2040A-0800-320-08R1	10143450	8,0 *0.315*	320 *12.598*	335,0 –	337,0 *13.268*	373,0 *14.685*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9-10

SD2050A

Profondità di foratura ~ 50 x D – Misure metriche/Pollici





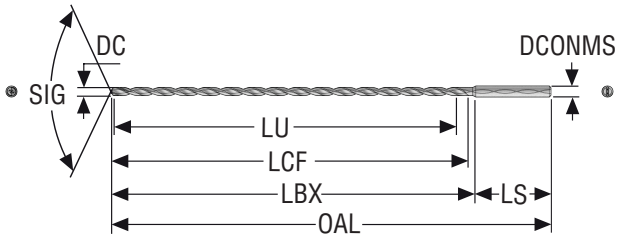
–Codolo cilindrico DIN 6537A
–Adduzione refrigerante interna
–Per i parametri di taglio raccomandati, vedere pagina(e) 147
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LCF	LB	OAL	LS	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD2050A-0300-150-04R1	10188284	3,0 *0.118*	150 *5.906*	157,5 –	161,0 *6.339*	188,0 *7.402*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2050A-0400-200-04R1	10188285	4,0 *0.157*	200 *7.874*	209,0 –	213,0 *8.386*	240,0 *9.449*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2050A-0450-225-06R1	10188286	4,5 *0.177*	225 *8.858*	234,75 –	252,0 *9.921*	288,0 *11.339*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2050A-0500-250-06R1	10188287	5,0 *0.197*	250 *9.843*	260,5 –	264,0 *10.394*	300,0 *11.811*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2050A-0600-300-06R1	10188288	6,0 *0.236*	300 *11.811*	312,0 –	316,0 *12.441*	352,0 *13.858*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2050A-0635-318-08R1	10188289	6,35 *0.250*	318 *12.520*	330,5 –	337,0 *13.268*	373,0 *14.685*	36,0 *1.417*	8,0 *0.315*	133°	TiAlN + TiN	IT9

SD2060A

Profondità di foratura ~ 60 x D – Misure metriche/Pollici





–Codolo cilindrico DIN 6537A
–Adduzione refrigerante interna
–Per i parametri di taglio raccomandati, vedere pagina(e) 147
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LCF	LB	OAL	LS	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD2060A-0300-180-04R1	10188290	3,0 *0.118*	180 *7.087*	187,5 –	191,0 *7.520*	218,0 *8.583*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2060A-0400-240-04R1	10188291	4,0 *0.157*	240 *9.449*	249,0 –	253,0 *9.961*	280,0 *11.024*	27,0 *1.063*	4,0 *0.157*	133°	TiAlN + TiN	IT9
SD2060A-0450-270-06R1	10188292	4,5 *0.177*	270 *10.630*	280,0 –	283,0 *11.142*	319,0 *12.559*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9
SD2060A-0500-300-06R1	10188293	5,0 *0.197*	300 *11.811*	310,5 –	314,0 *12.362*	350,0 *13.780*	36,0 *1.417*	6,0 *0.236*	133°	TiAlN + TiN	IT9



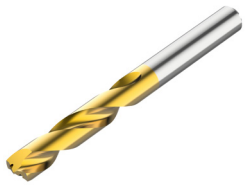
Feedmax™ SD245A

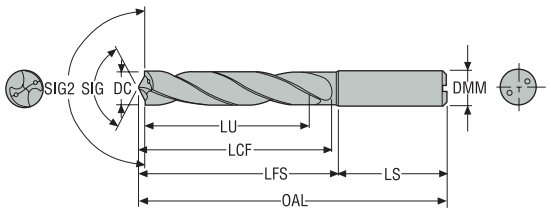
Le punte in metallo duro integrale Seco Feedmax SD245A offrono maggiore stabilità e migliori prestazioni in applicazioni con uscite foro irregolari e tagli interrotti dovuti a fori trasversali. Le seguenti caratteristiche consentono di ottenere geometrie dei fori ottimali:

- Quattro pattini di guida
- Estremità ottimizzata auto-centrante
- Rivestimento TiAlN+TiN ad elevata resistenza all'usura
- Preparazione del tagliente migliorata

SD245A

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 148
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD245A-5.0-32-6R1	02691683	5,0 *0.197*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°/180°	TiAlN + TiN	IT8
SD245A-6.0-32-6R1	02691684	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°/180°	TiAlN + TiN	IT8
SD245A-02500-138-0315R1	02691686	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-6.5-35-8R1	02691687	6,5 *0.256*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-02656-157-0315R1	02691688	6,747 *0.2656*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-6.8-40-8R1	02691689	6,8 *0.268*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-7.0-40-8R1	02691690	7,0 *0.276*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-02813-157-0315R1	02691691	7,144 *0.2813*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-7.5-40-8R1	02691692	7,5 *0.295*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-03125-165-0315R1	02691693	7,938 *0.3125*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-8.0-42-8R1	02691694	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°/180°	TiAlN + TiN	IT8
SD245A-8.5-42-10R1	02691695	8,5 *0.335*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-9.0-45-10R1	02546059	9,0 *0.354*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-9.5-45-10R1	02691696	9,5 *0.374*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-03750-189-0394R1	02691697	9,525 *0.3750*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-10.0-48-10R1	02536888	10,0 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°/180°	TiAlN + TiN	IT8
SD245A-10.2-48-12R1	02691699	10,2 *0.402*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-04063-189-0472R1	02691700	10,319 *0.4063*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-10.5-48-12R1	02691701	10,5 *0.413*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-11.0-56-12R1	02561860	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-04375-221-0472R1	02691702	11,113 *0.4375*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-11.5-56-12R1	02691704	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-12.0-56-12R1	02691705	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°/180°	TiAlN + TiN	IT8
SD245A-12.5-56-14R1	02691706	12,5 *0.492*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-0500-221-0551R1	02691707	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD245A-13.0-56-14R1	02691708	13,0 *0.512*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-05312-232-0551R1	02691709	13,494 *0.5312*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-13.5-59-14R1	02691710	13,5 *0.5314*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8
SD245A-14.0-59-14R1	02691711	14,0 *0.551*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°/180°	TiAlN + TiN	IT8



Feedmax™ SD265A

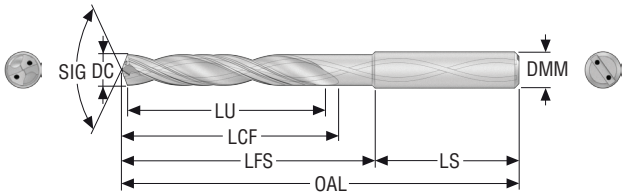
Le punte Seco Feedmax SD265A ad alta precisione IT 7 offrono un'accuratezza impeccabile. Inoltre, una punta SD265A è in grado di sostituire utensili multipli e semplificare le attività di foratura più complesse. Le seguenti caratteristiche consentono all'utente di effettuare fori di precisione in un'unica passata:

- Geometria di foratura ottimizzata e facilità di centraggio automatico
- 6 pattini di guida
- Strette tolleranze costruttive (±3 µ)
- Rivestimento in TiAlN per un basso attrito e un'elevata resistenza all'usura

SD265A

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 149
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD265A-6.006-32-6R1	02691714	6,006 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT7
SD265A-02497-138-0315R1	02722876	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT7
SD265A-03122-165-0315R1	02722877	7,938 *0.313*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT7
SD265A-8.008-42-8R1	02691715	8,008 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT7
SD265A-03747-189-0394R1	02722878	9,525 *0.375*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT7
SD265A-10.008-48-10R1	02691716	10,008 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT7
SD265A-12.009-56-12R1	02691717	12,009 *0.473*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT7
SD265A-04997-221-0551R1	02722879	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT7
SD265A-14.009-59-14R1	02691718	14,009 *0.552*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT7
SD265A-16.009-62-16R1	02691719	16,009 *0.630*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT7



Feedmax™ – Punte per smussi

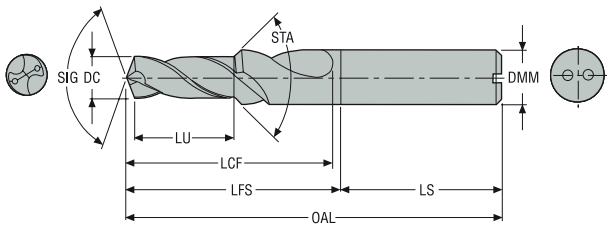
Le punte per smussi Feedmax™ Seco combinano foratura e smussatura in un unico processo per massimizzare l'efficienza. La gamma standard a magazzino copre applicazioni di pre-foratura per le filettature metriche standard comuni da M4 a M16.

- Il design speciale riduce al minimo il costo per foro e aumenta la produttività
- Lo speciale rivestimento a basso attrito garantisce un'elevata durezza a caldo e un'eccellente rimozione del truciolo
- La geometria auto-centrante consente di praticare fori di alta qualità con un angolo di smusso di 45°

Punte per smussi – Filettatura M4 - M16

Misure metriche/Pollici





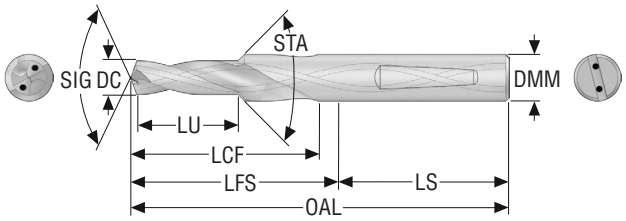
—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Rivestimento: TiAlN + TiN
—Tolleranza foro: IT8–9
—Angolo di smusso incluso = 90°
—Per i parametri di taglio raccomandati, vedere pagina(e) 139, 140

Codice di ordinazione	Codice prodotto	Tipo di filettatura	Dimensione filettatura	DC	LU	OAL	LFS	LS	LCF	DMM
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD203A-C45-3.3-11.4-6R1	02500320	Passo normale Filettatura metrica	M4	3,3 *0.130*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-3.4-11.4-6R1	02500323	Passo normale Filettatura metrica	M4	3,4 *0.134*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-4.2-13.6-6R1	02500324	Passo normale Filettatura metrica	M5	4,2 *0.165*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-4.3-13.6-6R1	02500325	Passo normale Filettatura metrica	M5	4,3 *0.169*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-5.0-16.5-8R1	02500326	Passo normale Filettatura metrica	M6	5,0 *0.197*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-5.1-16.5-8R1	02500327	Passo normale Filettatura metrica	M6	5,1 *0.201*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-6.8-21-10R1	02500328	Passo normale Filettatura metrica	M8	6,8 *0.268*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-6.9-21-10R1	02500330	Passo normale Filettatura metrica	M8	6,9 *0.272*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-7.0-21-10R1	02500331	Passo fine Filettatura metrica	M8x1.0	7,0 *0.276*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-8.5-25.5-12R1	02500333	Passo normale Filettatura metrica	M10	8,5 *0.335*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-8.7-25.5-12R1	02500334	Passo normale Filettatura metrica	M10	8,7 *0.343*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-9.0-25.5-12R1	02500340	Passo fine Filettatura metrica	M10x1.0	9,0 *0.354*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-10.2-30.0-14R1	02500342	Passo normale Filettatura metrica	M12	10,2 *0.402*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.4-30.0-14R1	02500343	Passo normale Filettatura metrica	M12	10,4 *0.409*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.5-30.0-14R1	02500344	Passo fine Filettatura metrica	M12x1.5	10,5 *0.413*	34,5 *1.358*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-12.0-34.5-16R1	02500346	Passo normale Filettatura metrica	M14	12,0 *0.472*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.25-34.5-16R1	02500348	Passo normale Filettatura metrica	M14	12,25 *0.482*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.5-34.5-16R1	02500349	Passo fine Filettatura metrica	M14x1.5	12,5 *0.492*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-14.0-38.5-18R1	02500350	Passo normale Filettatura metrica	M16	14,0 *0.551*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.25-38.5-18R1	02500354	Passo normale Filettatura metrica	M16	14,25 *0.561*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.5-38.5-18R1	02500356	Passo fine Filettatura metrica	M16x1.5	14,5 *0.571*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*

Punte per smussi – Filettatura M4 - M16

Misure metriche/Pollici



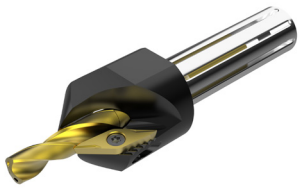


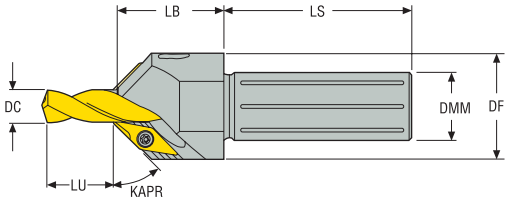
- Codolo Whistle Notch DIN6537B
- Adduzione refrigerante interna
- Rivestimento: TiAlN + TiN
- Tolleranza foro: IT8-9
- Angolo di smusso incluso = 90°
- Per i parametri di taglio raccomandati, vedere pagina(e) 139, 140

Codice di ordinazione	Codice prodotto	Tipo di filettatura	Dimensione filettatura	DC	LU	OAL	LFS	LS	LCF	DMM
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD203A-C45-3.3-11.4-6R5	02500382	Passo normale Filettatura metrica	M4	3,3 *0.130*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-3.4-11.4-6R5	02500383	Passo normale Filettatura metrica	M4	3,4 *0.134*	11,4 *0.449*	66,0 *2.598*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*
SD203A-C45-4.2-13.6-6R5	02500391	Passo normale Filettatura metrica	M5	4,2 *0.165*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-4.3-13.6-6R5	02500392	Passo normale Filettatura metrica	M5	4,3 *0.169*	13,6 *0.535*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*
SD203A-C45-5.0-16.5-8R5	02500393	Passo normale Filettatura metrica	M6	5,0 *0.197*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-5.1-16.5-8R5	02500394	Passo normale Filettatura metrica	M6	5,1 *0.201*	16,5 *0.650*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	28,0 *1.102*	8,0 *0.315*
SD203A-C45-6.8-21.0-10R5	02500395	Passo normale Filettatura metrica	M8	6,8 *0.268*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-6.9-21.0-10R5	02500396	Passo normale Filettatura metrica	M8	6,9 *0.272*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-7.0-21.0-10R5	02500398	Passo fine Filettatura metrica	M8x1.0	7,0 *0.276*	21,0 *0.827*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	34,0 *1.339*	10,0 *0.394*
SD203A-C45-8.5-25.5-12R5	02500401	Passo normale Filettatura metrica	M10	8,5 *0.335*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-8.7-25.5-12R5	02500403	Passo normale Filettatura metrica	M10	8,7 *0.343*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-9.0-25.5-12R5	02500410	Passo fine Filettatura metrica	M10x1.0	9,0 *0.354*	25,5 *1.004*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	47,0 *1.850*	12,0 *0.472*
SD203A-C45-10.2-30.0-14R5	02500412	Passo normale Filettatura metrica	M12	10,2 *0.402*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.4-30.0-14R5	02500414	Passo normale Filettatura metrica	M12	10,4 *0.409*	30,0 *1.181*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-10.5-30.0-14R5	02500416	Passo fine Filettatura metrica	M12x1.5	10,5 *0.413*	34,5 *1.358*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	55,0 *2.165*	14,0 *0.551*
SD203A-C45-12.0-34.5-16R5	02500417	Passo normale Filettatura metrica	M14	12,0 *0.472*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.25-34.5-16R5	02500418	Passo normale Filettatura metrica	M14	12,25 *0.482*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-12.5-34.5-16R5	02500420	Passo fine Filettatura metrica	M14x1.5	12,5 *0.492*	34,5 *1.358*	115,0 *4.528*	70,0 *2.756*	45,0 *1.772*	60,0 *2.362*	16,0 *0.630*
SD203A-C45-14.0-38.5-18R5	02500423	Passo normale Filettatura metrica	M16	14,0 *0.551*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.25-38.5-18R5	02500424	Passo normale Filettatura metrica	M16	14,25 *0.561*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*
SD203A-C45-14.5-38.5-18R5	02500425	Passo fine Filettatura metrica	M16x1.5	14,5 *0.571*	38,5 *1.516*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	65,0 *2.559*	18,0 *0.709*

Modulo per smussi per punte Universal e Feedmax

In mm



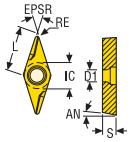


Codice di ordinazione	Codice prodotto	DC	LU profondità di foratura 3 x D (min-max)	5 x D (min-max)	7 x D (min-max)	Max profondità smusso (mm)	LB	DF	LS	DMM	KAPR°
		mm	mm	mm	mm	mm	mm	mm	mm	mm	
SD200-C45-6R1	02510275	4,01-6,1	4,0-17,0	10,0-27,0	30,0-45,0	2,8	25,0	21,0	41,0	12,0	45
SD200-C45-8R1	02510278	6,01-8,0	15,0-27,0	24,0-35,0	42,0-57,0	2,8	25,0	25,0	44,5	16,0	45
SD200-C45-10R1	02510280	8,01-10,0	17,0-31,0	34,0-48,0	47,0-62,0	2,8	25,0	25,0	44,5	16,0	45
SD200-C45-12R1	02510281	10,01-12,0	21,0-36,0	40,0-56,0	57,0-72,0	2,8	25,0	28,0	46,5	20,0	45
SD200-C45-14R1	02510283	12,01-14,0	22,0-37,0	43,0-59,0	68,0-83,0	2,8	25,0	30,0	46,5	20,0	45
SD200-C45-16R1	02510285	14,01-16,0	23,0-39,0	44,0-60,0	76,0-92,0	2,8	34,0	32,0	53,0	25,0	45

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Chiave per vite inserto	Vite di bloccaggio inserto	Chiave di bloccaggio	Vite di bloccaggio	Modulo
					
	Inserto	Inserto	Modulo	Modulo	Modulo
4,00 - 16,00	T07P-2	C02205-T07P	H1.5-2D	SH3040	SD200-3X7.3

Inserto



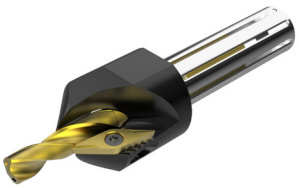
Tolleranze: mm

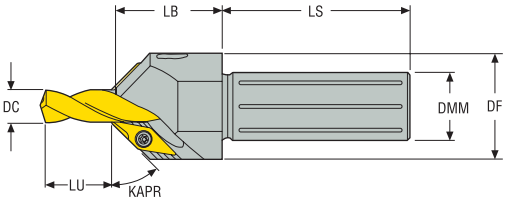
IC = ±0,025
S = ±0,07
RE = ±0,10

Dimensione	L mm	EPSR	RE mm	IC mm	D1 mm	AN	S mm
C45	9,000	45°	0,200	5,556	2,900	7°	2,500
Qualità: T400D							
Descrizione: SD200-C45							
Codice prodotto: 02510325							

Modulo per smussi per punte Universal e Feedmax

Pollici



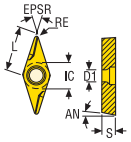


Descrizione	Codice prodotto	DC	LU profondità di foratura 3 x D (min-max)	5 x D (min-max)	7 x D (min-max)	Max profondità smusso (mm)	DF	LB	LS	DMM	KAPR°
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	
SD200-C45-6-500R1	02510287	0.158-0.240	0.157-0.669	0.394-1.063	1.181-1.772	0.110	0.827	0.984	1.614	0.500	45
SD200-C45-8-625R1	02510289	0.237-0.315	0.591-1.063	0.945-1.378	1.654-2.244	0.110	0.984	0.984	1.752	0.625	45
SD200-C45-10-625R1	02510291	0.315-0.394	0.669-1.220	1.339-1.890	1.850-2.441	0.110	0.984	0.984	1.752	0.625	45
SD200-C45-12-750R1	02510292	0.394-0.472	0.827-1.417	1.575-2.205	2.244-2.835	0.110	1.102	0.984	1.831	0.750	45
SD200-C45-14-750R1	02510293	0.473-0.551	0.866-1.457	1.693-2.323	2.677-3.268	0.110	1.181	0.984	1.831	0.750	45
SD200-C45-16-1000R1	02510295	0.552-0.630	0.906-1.535	1.732-2.362	2.992-3.622	0.110	1.260	1.339	2.087	1.000	45

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Chiave per vite inserto	Vite di bloccaggio inserto	Chiave di bloccaggio	Modulo
				
	Inserto	Inserto	Modulo	Modulo
0.158 - 0.630	T07P-2	C02205-T07P	H1.5-2D	SD200-3X7.3

Inserto



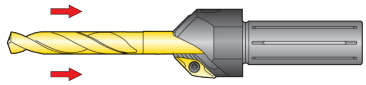
Tolleranze: inch

IC = ±0.001
S = ±0.0027
RE = ±0.004

Dimensione	L inch	EPSR	RE inch	IC inch	D1 inch	AN	S inch
C45	**0.3543**	**45°**	**0.0078**	**0.2187**	**0.1141**	**7°**	**0.0984**
Qualità: T400D							
Descrizione: SD200-C45							
Codice prodotto: 02510325							

Istruzioni di montaggio del modulo per smussi

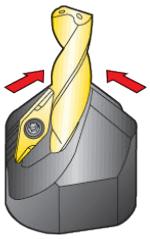
1.



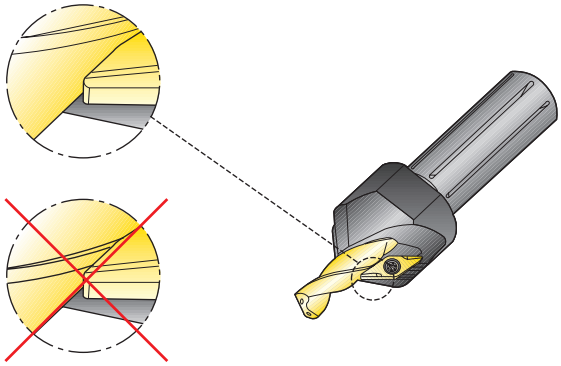
2.

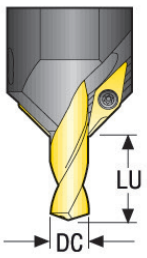


3.

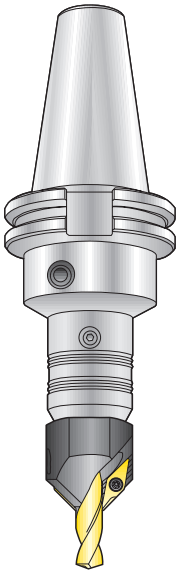


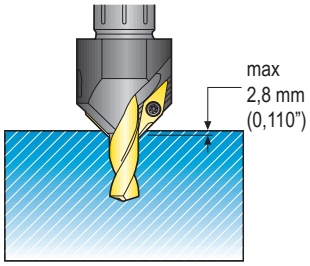
4.





Massima profondità di smussatura





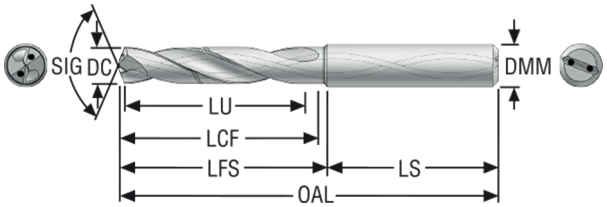
Diametro punta DC		LU profondità di foratura (min-max)					
		SD1103 / SD203A		SD1105 / SD205A		SD207A	
mm	*inch*	mm	*inch*	mm	*inch*	mm	*inch*
4,00-4,75	*.157-.187*	4-17	*.157-.669*	10-27	*.394-1.063*	30-45	*1.181-1.772*
4,76-6,00	*.187-.236*	6-20	*.236-.787*	18-32	*.709-1.260*	30-45	*1.181-1.772*
6,01-8,00	*.241-.315*	15-27	*.590-1.063*	28-42	*1.102-1.653*	42-57	*1.653-2.244*
8,01-10,00	*.315-.394*	17-31	*.669-1.220*	34-48	*1.338-1.890*	47-62	*1.850-2.441*
10,01-12,00	*.394-.472*	21-36	*.826-1.417*	40-56	*1.575-2.205*	57-72	*2.244-2.835*
12,01-14,00	*.473-.551*	22-37	*.866-1.457*	43-59	*1.693-2.323*	68-83	*2.677-3.268*
14,01-16,00	*.552-.630*	23-39	*.906-1.535*	44-60	*1.732-2.362*	76-92	*2.992-3.622*

Da utilizzare esclusivamente con attacco cilindrico (-R1).

SD203A, -MS

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 150-151
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-0200-007-04R1-MS	10004064	2,0 *0.079*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0210-007-04R1-MS	10004065	2,1 *0.083*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0220-007-04R1-MS	10004066	2,2 *0.087*	7,0 *0.276*	41,0 *1.614*	14,0 *0.551*	27,0 *1.063*	11,0 *0.433*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0230-008-04R1-MS	10004067	2,3 *0.091*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0240-008-04R1-MS	10004068	2,4 *0.094*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0250-008-04R1-MS	10004072	2,5 *0.098*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0260-008-04R1-MS	10004073	2,6 *0.102*	8,0 *0.315*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	12,5 *0.492*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0270-009-04R1-MS	10004074	2,7 *0.106*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0278-009-04R1-MS	10004075	2,78 *0.109*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0290-009-04R1-MS	10004076	2,9 *0.114*	9,0 *0.354*	44,0 *1.732*	17,0 *0.669*	27,0 *1.063*	14,5 *0.571*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD203A-0300-014-06R1-MS	10004077	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0310-014-06R1-MS	10004078	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0320-014-06R1-MS	10004079	3,2 *0.126*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0330-014-06R1-MS	10004080	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0340-014-06R1-MS	10004081	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0350-015-06R1-MS	10004083	3,5 *0.138*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0357-015-06R1-MS	10004084	3,57 *0.141*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0370-015-06R1-MS	10004085	3,7 *0.146*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0380-017-06R1-MS	10004086	3,8 *0.150*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0390-017-06R1-MS	10004087	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0397-017-06R1-MS	10004088	3,97 *0.156*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0400-017-06R1-MS	10004089	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0410-017-06R1-MS	10004090	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0420-017-06R1-MS	10004091	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0430-018-06R1-MS	10004092	4,3 *0.169*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-0450-018-06R1-MS	10004093	4,5 *0.177*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0460-018-06R1-MS	10004094	4,6 *0.181*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0465-018-06R1-MS	10004095	4,65 *0.183*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0470-018-06R1-MS	10004096	4,7 *0.185*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0476-020-06R1-MS	10004097	4,76 *0.187*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0480-020-06R1-MS	10004098	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0490-020-06R1-MS	10004099	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0500-020-06R1-MS	10004101	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0510-020-06R1-MS	10004102	5,1 *0.201*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0516-020-06R1-MS	10004103	5,16 *0.203*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0520-020-06R1-MS	10004104	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0530-020-06R1-MS	10004105	5,3 *0.209*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0540-020-06R1-MS	10004106	5,4 *0.213*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0550-020-06R1-MS	10004107	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0556-020-06R1-MS	10004108	5,56 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0560-021-06R1-MS	10004109	5,6 *0.220*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0570-021-06R1-MS	10004110	5,7 *0.224*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0580-021-06R1-MS	10004111	5,8 *0.228*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0590-021-06R1-MS	10004112	5,9 *0.232*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0595-021-06R1-MS	10004113	5,95 *0.234*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0600-021-06R1-MS	10004114	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD203A-0610-021-08R1-MS	10004115	6,1 *0.240*	21,0 *0.827*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0620-021-08R1-MS	10004116	6,2 *0.244*	21,0 *0.827*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0630-021-08R1-MS	10004117	6,3 *0.248*	21,0 *0.827*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0635-023-08R1-MS	10004121	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0650-023-08R1-MS	10004122	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0660-023-08R1-MS	10004123	6,6 *0.260*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0675-025-08R1-MS	10004124	6,75 *0.266*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0680-025-08R1-MS	10004125	6,8 *0.268*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0690-025-08R1-MS	10004127	6,9 *0.272*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0700-025-08R1-MS	10004128	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0710-025-08R1-MS	10004129	7,1 *0.280*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0714-025-08R1-MS	10004130	7,14 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0720-025-08R1-MS	10004132	7,2 *0.283*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0730-025-08R1-MS	10004133	7,3 *0.287*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9

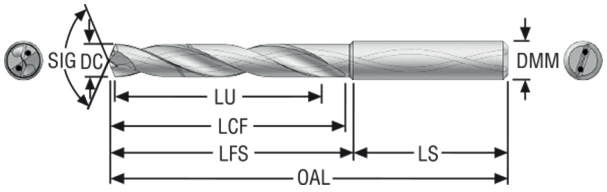
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-0740-025-08R1-MS	10004134	7,4 *0.291*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0750-025-08R1-MS	10004135	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0760-027-08R1-MS	10004136	7,6 *0.299*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0780-027-08R1-MS	10004137	7,8 *0.307*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0794-027-08R1-MS	10004138	7,94 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0800-027-08R1-MS	10004139	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD203A-0810-027-10R1-MS	10004140	8,1 *0.319*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0820-027-10R1-MS	10004141	8,2 *0.323*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0830-027-10R1-MS	10004143	8,3 *0.327*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0840-027-10R1-MS	10004144	8,4 *0.331*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0850-027-10R1-MS	10004146	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0860-029-10R1-MS	10004147	8,6 *0.339*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0870-029-10R1-MS	10004148	8,7 *0.343*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0873-029-10R1-MS	10004149	8,73 *0.344*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0880-029-10R1-MS	10004150	8,8 *0.346*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0900-029-10R1-MS	10004151	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0910-029-10R1-MS	10004153	9,1 *0.358*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0913-029-10R1-MS	10004154	9,13 *0.359*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0920-029-10R1-MS	10004156	9,2 *0.362*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0930-029-10R1-MS	10004157	9,3 *0.366*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0950-029-10R1-MS	10004158	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0953-031-10R1-MS	10004160	9,53 *0.375*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0970-031-10R1-MS	10004161	9,7 *0.382*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0980-031-10R1-MS	10004162	9,8 *0.386*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0990-031-10R1-MS	10004163	9,9 *0.390*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-0992-031-10R1-MS	10004164	9,92 *0.391*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-1000-031-10R1-MS	10004165	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD203A-1010-031-12R1-MS	10004166	10,1 *0.398*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1020-031-12R1-MS	10004167	10,2 *0.402*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1032-031-12R1-MS	10004168	10,32 *0.406*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1040-031-12R1-MS	10004169	10,4 *0.409*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1050-031-12R1-MS	10004170	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1072-033-12R1-MS	10004171	10,72 *0.422*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1080-033-12R1-MS	10004172	10,8 *0.425*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1100-033-12R1-MS	10004173	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-1111-033-12R1-MS	10004174	11,11 *0.437*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1120-033-12R1-MS	10004175	11,2 *0.441*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1150-033-12R1-MS	10004176	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1180-033-12R1-MS	10004177	11,8 *0.465*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1191-036-12R1-MS	10004309	11,91 *0.469*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1200-036-12R1-MS	10004314	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD203A-1210-036-14R1-MS	10004315	12,1 *0.476*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1250-036-14R1-MS	10004316	12,5 *0.492*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1270-036-14R1-MS	10004317	12,7 *0.500*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1300-036-14R1-MS	10004319	13,0 *0.512*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1310-036-14R1-MS	10004320	13,1 *0.516*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1350-037-14R1-MS	10004321	13,5 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1400-037-14R1-MS	10004325	14,0 *0.551*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD203A-1420-037-16R1-MS	10004332	14,2 *0.559*	37,0 *1.457*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1425-038-16R1-MS	10004333	14,25 *0.561*	38,0 *1.496*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1470-038-16R1-MS	10004334	14,7 *0.579*	38,0 *1.496*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1500-040-16R1-MS	10004335	15,0 *0.591*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1525-040-16R1-MS	10004336	15,25 *0.600*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1550-040-16R1-MS	10004338	15,5 *0.610*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1588-040-16R1-MS	10004339	15,88 *0.625*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1600-040-16R1-MS	10004340	16,0 *0.630*	40,0 *1.575*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD203A-1650-045-18R1-MS	10004341	16,5 *0.650*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1700-045-18R1-MS	10004342	17,0 *0.669*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1750-045-18R1-MS	10004343	17,5 *0.689*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1800-045-18R1-MS	10004344	18,0 *0.709*	45,0 *1.772*	123,0 *4.843*	75,0 *2.953*	48,0 *1.890*	73,0 *2.874*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD203A-1850-050-20R1-MS	10004345	18,5 *0.728*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-1900-050-20R1-MS	10004346	19,0 *0.748*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-1905-050-20R1-MS	10004347	19,05 *0.750*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-1950-050-20R1-MS	10004348	19,5 *0.768*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD203A-2000-050-20R1-MS	10004349	20,0 *0.787*	50,0 *1.969*	131,0 *5.157*	81,0 *3.189*	50,0 *1.969*	79,0 *3.110*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9

SD205A, -MS

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 152-153
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-0200-012-04R1-MS	10004179	2,0 *0.079*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0210-012-04R1-MS	10004180	2,1 *0.083*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0220-012-04R1-MS	10004181	2,2 *0.087*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0230-012-04R1-MS	10004182	2,3 *0.091*	12,0 *0.472*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	15,0 *0.591*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0240-013-04R1-MS	10004183	2,4 *0.094*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0250-013-04R1-MS	10004184	2,5 *0.098*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0260-013-04R1-MS	10004185	2,6 *0.102*	13,0 *0.512*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0270-013-04R1-MS	10004186	2,7 *0.106*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0280-013-04R1-MS	10004187	2,8 *0.110*	15,0 *0.591*	50,0 *1.969*	23,0 *0.906*	27,0 *1.063*	20,5 *0.807*	4,0 *0.157*	140°	TiAlN + NbN	IT8-9
SD205A-0300-021-06R1-MS	10004188	3,0 *0.118*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0310-021-06R1-MS	10004189	3,1 *0.122*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0318-021-06R1-MS	10004191	3,18 *0.125*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0330-021-06R1-MS	10004192	3,3 *0.130*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0340-021-06R1-MS	10004193	3,4 *0.134*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0350-021-06R1-MS	10004194	3,5 *0.138*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0360-027-06R1-MS	10004195	3,6 *0.142*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0380-027-06R1-MS	10004196	3,8 *0.150*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0390-027-06R1-MS	10004197	3,9 *0.154*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0400-027-06R1-MS	10004198	4,0 *0.157*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0410-027-06R1-MS	10004199	4,1 *0.161*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0420-027-06R1-MS	10004200	4,2 *0.165*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0430-027-06R1-MS	10004201	4,3 *0.169*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0450-027-06R1-MS	10004202	4,5 *0.177*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0460-027-06R1-MS	10004203	4,6 *0.181*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0465-027-06R1-MS	10004205	4,65 *0.183*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-0470-027-06R1-MS	10004206	4,7 *0.185*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0476-027-06R1-MS	10004208	4,76 *0.187*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0490-032-06R1-MS	10004209	4,9 *0.193*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0500-032-06R1-MS	10004211	5,0 *0.197*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0510-032-06R1-MS	10004212	5,1 *0.201*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0516-032-06R1-MS	10004213	5,16 *0.203*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0520-032-06R1-MS	10004214	5,2 *0.205*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0550-032-06R1-MS	10004215	5,5 *0.217*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0556-032-06R1-MS	10004216	5,56 *0.219*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0560-032-06R1-MS	10004218	5,6 *0.220*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0580-032-06R1-MS	10004219	5,8 *0.228*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0590-032-06R1-MS	10004220	5,9 *0.232*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0595-032-06R1-MS	10004221	5,95 *0.234*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0600-032-06R1-MS	10004222	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + NbN	IT8-9
SD205A-0620-035-08R1-MS	10004224	6,2 *0.244*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0630-035-08R1-MS	10004225	6,3 *0.248*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0635-035-08R1-MS	10004226	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0640-035-08R1-MS	10004227	6,4 *0.252*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0650-035-08R1-MS	10004228	6,5 *0.256*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0660-035-08R1-MS	10004229	6,6 *0.260*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0670-035-08R1-MS	10004231	6,7 *0.264*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0680-040-08R1-MS	10004234	6,8 *0.268*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0690-040-08R1-MS	10004235	6,9 *0.272*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0700-040-08R1-MS	10004236	7,0 *0.276*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0710-040-08R1-MS	10004237	7,1 *0.280*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0714-040-08R1-MS	10004238	7,14 *0.281*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0720-040-08R1-MS	10004239	7,2 *0.283*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0750-040-08R1-MS	10004240	7,5 *0.295*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0780-042-08R1-MS	10004241	7,8 *0.307*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0794-042-08R1-MS	10004243	7,94 *0.313*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0800-042-08R1-MS	10004245	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + NbN	IT8-9
SD205A-0810-042-10R1-MS	10004246	8,1 *0.319*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0820-042-10R1-MS	10004247	8,2 *0.323*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0840-042-10R1-MS	10004250	8,4 *0.331*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0850-042-10R1-MS	10004251	8,5 *0.335*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9

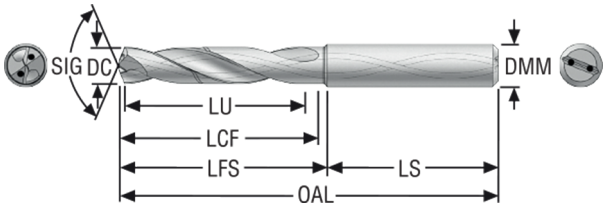
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-0870-045-10R1-MS	10004252	8,7 *0.343*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0880-045-10R1-MS	10004255	8,8 *0.346*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0900-045-10R1-MS	10004256	9,0 *0.354*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0910-045-10R1-MS	10004257	9,1 *0.358*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0950-045-10R1-MS	10004258	9,5 *0.374*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0953-048-10R1-MS	10004259	9,53 *0.375*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0980-048-10R1-MS	10004266	9,8 *0.386*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-0992-048-10R1-MS	10004269	9,92 *0.391*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-1000-048-10R1-MS	10004270	10,0 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + NbN	IT8-9
SD205A-1020-048-12R1-MS	10004272	10,2 *0.402*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1030-048-12R1-MS	10004273	10,3 *0.406*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1050-048-12R1-MS	10004274	10,5 *0.413*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1070-056-12R1-MS	10004275	10,7 *0.421*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1080-056-12R1-MS	10004276	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1100-056-12R1-MS	10004277	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1111-056-12R1-MS	10004278	11,11 *0.437*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1130-056-12R1-MS	10004279	11,3 *0.445*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1150-056-12R1-MS	10004280	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1180-056-12R1-MS	10004281	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1200-056-12R1-MS	10004282	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + NbN	IT8-9
SD205A-1220-056-14R1-MS	10004283	12,2 *0.480*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1250-056-14R1-MS	10004284	12,5 *0.492*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1270-056-14R1-MS	10004285	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1300-056-14R1-MS	10004286	13,0 *0.512*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1310-056-14R1-MS	10004287	13,1 *0.516*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1350-059-14R1-MS	10004288	13,5 *0.531*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1400-059-14R1-MS	10004290	14,0 *0.551*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + NbN	IT8-9
SD205A-1420-060-16R1-MS	10004291	14,2 *0.559*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1425-060-16R1-MS	10004292	14,25 *0.561*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1450-060-16R1-MS	10004293	14,5 *0.571*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1500-060-16R1-MS	10004295	15,0 *0.591*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1550-062-16R1-MS	10004296	15,5 *0.610*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1580-062-16R1-MS	10004297	15,8 *0.622*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1600-062-16R1-MS	10004298	16,0 *0.630*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + NbN	IT8-9
SD205A-1650-071-18R1-MS	10004299	16,5 *0.650*	64,0 *2.520*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-1700-071-18R1-MS	10004300	17,0 *0.669*	64,0 *2.520*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD205A-1750-071-18R1-MS	10004301	17,5 *0.689*	66,0 *2.598*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD205A-1800-071-18R1-MS	10004302	18,0 *0.709*	66,0 *2.598*	143,0 *5.630*	95,0 *3.740*	48,0 *1.890*	93,0 *3.661*	18,0 *0.709*	140°	TiAlN + NbN	IT8-9
SD205A-1850-077-20R1-MS	10004303	18,5 *0.728*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-1900-077-20R1-MS	10004304	19,0 *0.748*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-1930-077-20R1-MS	10004305	19,3 *0.760*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-1950-077-20R1-MS	10004306	19,5 *0.768*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9
SD205A-2000-077-20R1-MS	10004307	20,0 *0.787*	71,0 *2.795*	153,0 *6.024*	103,0 *4.055*	50,0 *1.969*	101,0 *3.976*	20,0 *0.787*	140°	TiAlN + NbN	IT8-9

SD203A, -M

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 154-155
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-3.0-14-6R1-M	02569995	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.1-14-6R1-M	02570998	3,1 *0.122*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.3-14-6R1-M	02555958	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.4-14-6R1-M	02570984	3,4 *0.134*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.5-15-6R1-M	02533784	3,5 *0.138*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-3.9-17-6R1-M	02570988	3,9 *0.154*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.0-17-6R1-M	02539902	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.2-17-6R1-M	02555959	4,2 *0.165*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.3-18-6R1-M	02533700	4,3 *0.169*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.5-18-6R1-M	02570993	4,5 *0.177*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-01875-079-0236R1-M	02450103	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.8-20-6R1-M	02570982	4,8 *0.189*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-4.9-20-6R1-M	02592709	4,9 *0.193*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.0-20-6R1-M	02450075	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.5-21-6R1-M	02544249	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-02188-083-0236R1-M	02450104	5,558 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.6-21-6R1-M	02544028	5,6 *0.220*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-5.9-21-6R1-M	02515290	5,9 *0.232*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-6.0-21-6R1-M	02450076	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD203A-02500-091-0315R1-M	02450105	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.5-23-8R1-M	02450077	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.6-23-8R1-M	02450078	6,6 *0.260*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-02656-098-0315R1-M	02450106	6,746 *0.266*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.8-25-8R1-M	02450079	6,8 *0.268*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-6.9-25-8R1-M	02450080	6,9 *0.272*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9

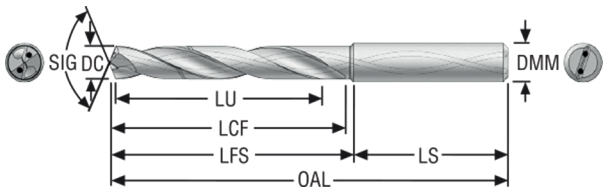
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-7.0-25-8R1-M	02450081	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-02813-098-0315R1-M	02450107	7,145 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.2-25-8R1-M	02537185	7,2 *0.283*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.3-25-8R1-M	02530109	7,3 *0.287*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.5-25-8R1-M	02450082	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.6-27-8R1-M	02545197	7,6 *0.299*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-7.8-27-8R1-M	02450083	7,8 *0.307*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-03125-106-0315R1-M	02450108	7,938 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-8.0-27-8R1-M	02450084	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD203A-8.5-27-10R1-M	02450085	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-03438-114-0394R1-M	02450109	8,733 *0.344*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-8.8-29-10R1-M	02450086	8,8 *0.346*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.0-29-10R1-M	02450087	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-03594-114-0394R1-M	02450110	9,129 *0.359*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.2-29-10R1-M	02546516	9,2 *0.362*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.3-29-10R1-M	02582375	9,3 *0.366*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.5-29-10R1-M	02450088	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-03750-122-0394R1-M	02450111	9,525 *0.375*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.8-31-10R1-M	02450089	9,8 *0.386*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-9.9-31-10R1-M	02515293	9,9 *0.390*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-10.0-31-10R1-M	02450090	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD203A-10.2-31-12R1-M	02450091	10,2 *0.402*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04063-122-0472R1-M	02450112	10,32 *0.406*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-10.4-31-12R1-M	02535267	10,4 *0.409*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-10.5-31-12R1-M	02450092	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04219-130-0472R1-M	02450113	10,716 *0.422*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-10.8-33-12R1-M	02450093	10,8 *0.425*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-11.0-33-12R1-M	02450094	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04375-130-0472R1-M	02450114	11,113 *0.438*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-11.5-33-12R1-M	02450095	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-11.8-33-12R1-M	02450096	11,8 *0.465*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-04688-142-0472R1-M	02592711	11,908 *0.469*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-12.0-36-12R1-M	02450097	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD203A-12.25-36-14R1-M	02592712	12,25 *0.482*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-12.3-36-14R1-M	02450098	12,3 *0.484*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-12.5-36-14R1-M	02450099	12,5 *0.492*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-05000-142-0551R1-M	02450115	12,7 *0.500*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-12.9-36-14R1-M	02538263	12,9 *0.508*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-13.0-36-14R1-M	02450100	13,0 *0.512*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-13.5-37-14R1-M	02450101	13,5 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-14.0-37-14R1-M	02450102	14,0 *0.551*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD203A-14.25-38-16R1-M	02592715	14,25 *0.561*	38,0 *1.496*	115,0 *4.528*	67,0 *2.638*	48,0 *1.890*	65,0 *2.559*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9

SD205A, -M

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





- Codolo cilindrico DIN 6537A
- Tolleranza DC m7
- Adduzione refrigerante interna
- Per i parametri di taglio raccomandati, vedere pagina(e) 156- 157
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-2.5-13-4R1-M	02666989	2,5 *0.098*	13,0 *0.512*	46,0 *1.811*	19,0 *0.748*	27,0 *1.063*	17,5 *0.689*	4,0 *0.157*	140°	TiAlN + TiN	IT8-9
SD205A-3.0-21-6R1-M	02556426	3,0 *0.118*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.1-21-6R1-M	02642448	3,1 *0.122*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.18-21-6R1-M	02541863	3,18 *0.125*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.3-21-6R1-M	02555960	3,3 *0.130*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.4-21-6R1-M	02554264	3,4 *0.134*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-3.5-21-6R1-M	02533780	3,5 *0.138*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	26,0 *1.024*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.0-27-6R1-M	02508340	4,0 *0.157*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.2-27-6R1-M	02502549	4,2 *0.165*	27,0 *1.063*	74,0 *2.913*	40,0 *1.575*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.3-27-6R1-M	02592718	4,3 *0.169*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.5-27-6R1-M	02563659	4,5 *0.177*	27,0 *1.063*	74,0 *2.913*	38,0 *1.496*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.7-27-6R1-M	02604031	4,7 *0.185*	27,0 *1.063*	74,0 *2.913*	40,0 *1.575*	36,0 *1.417*	34,0 *1.339*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-01875-126-0236R1-M	02450062	4,763 *0.188*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-4.9-32-6R1-M	02592720	4,9 *0.193*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.0-32-6R1-M	02450034	5,0 *0.197*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.1-32-6R1-M	02600034	5,1 *0.201*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.2-32-6R1-M	02504408	5,2 *0.205*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.5-32-6R1-M	02537341	5,5 *0.217*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-02188-126-0236R1-M	02450063	5,558 *0.219*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.6-32-6R1-M	02612445	5,6 *0.220*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-5.9-32-6R1-M	02539334	5,9 *0.232*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-6.0-32-6R1-M	02450035	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	140°	TiAlN + TiN	IT8-9
SD205A-6.2-35-8R1-M	02547543	6,2 *0.244*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-02500-138-0315R1-M	02450064	6,35 *0.250*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.4-35-8R1-M	02666488	6,4 *0.252*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9

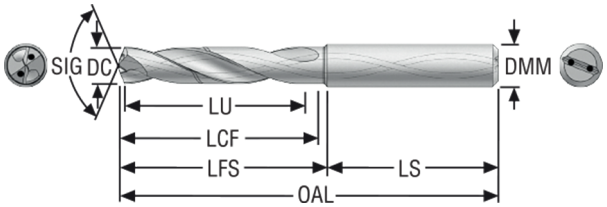
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-6.5-35-8R1-M	02450036	6,5 *0.256*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.6-35-8R1-M	02450037	6,6 *0.260*	35,0 *1.378*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.8-40-8R1-M	02450038	6,8 *0.268*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-6.9-40-8R1-M	02450039	6,9 *0.272*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-02813-157-0315R1-M	02450066	7,145 *0.281*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-7.2-40-8R1-M	02519059	7,2 *0.283*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-7.5-40-8R1-M	02450041	7,5 *0.295*	40,0 *1.575*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-7.8-42-8R1-M	02450042	7,8 *0.307*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-03125-165-0315R1-M	02450067	7,938 *0.313*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-8.0-42-8R1-M	02450043	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	TiAlN + TiN	IT8-9
SD205A-8.1-42-10R1-M	02672327	8,1 *0.319*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-8.4-42-10R1-M	02570977	8,4 *0.331*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-8.5-42-10R1-M	02450044	8,5 *0.335*	42,0 *1.654*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-8.8-45-10R1-M	02450045	8,8 *0.346*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.0-45-10R1-M	02450046	9,0 *0.354*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.2-45-10R1-M	02516406	9,2 *0.362*	45,0 *1.772*	103,0 *4.055*	42,0 *1.654*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.5-45-10R1-M	02450047	9,5 *0.374*	45,0 *1.772*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-03750-189-0394R1-M	02450070	9,525 *0.375*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-9.8-48-10R1-M	02450048	9,8 *0.386*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-10.0-48-10R1-M	02450049	10,0 *0.394*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	140°	TiAlN + TiN	IT8-9
SD205A-10.2-48-12R1-M	02450050	10,2 *0.402*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-10.5-48-12R1-M	02450051	10,5 *0.413*	48,0 *1.890*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-10.8-56-12R1-M	02450052	10,8 *0.425*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-10.9-56-12R1-M	02592725	10,9 *0.429*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-11.0-56-12R1-M	02450053	11,0 *0.433*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-04375-221-0472R1-M	02450073	11,113 *0.438*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-11.5-56-12R1-M	02450054	11,5 *0.453*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-11.8-56-12R1-M	02450055	11,8 *0.465*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-12.0-56-12R1-M	02450056	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	TiAlN + TiN	IT8-9
SD205A-12.5-56-14R1-M	02450058	12,5 *0.492*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-05000-221-0551R1-M	02450074	12,7 *0.500*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-12.9-56-14R1-M	02592729	12,9 *0.508*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-13.0-56-14R1-M	02450059	13,0 *0.512*	56,0 *2.205*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-13.5-59-14R1-M	02450060	13,5 *0.531*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9
SD205A-14.0-59-14R1-M	02450061	14,0 *0.551*	59,0 *2.323*	124,0 *4.882*	79,0 *3.110*	45,0 *1.772*	77,0 *3.031*	14,0 *0.551*	140°	TiAlN + TiN	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-14.25-60-16R1-M	02592732	14,25 *0.561*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-14.5-60-16R1-M	03117534	14,5 *0.571*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-15.0-60-16R1-M	02570652	15,0 *0.591*	60,0 *2.362*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-15.5-62-16R1-M	02543076	15,5 *0.610*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9
SD205A-16.0-62-16R1-M	02555961	16,0 *0.630*	62,0 *2.441*	133,0 *5.236*	85,0 *3.346*	48,0 *1.890*	83,0 *3.268*	16,0 *0.630*	140°	TiAlN + TiN	IT8-9

SD203A, -T

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





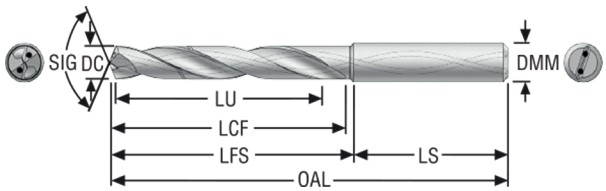
- Codolo cilindrico DIN 6537A
- Tolleranza DC m7
- Adduzione refrigerante interna
- Parametri di taglio - www.secotools.com
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-01875-079-0236R1-T	02569147	4,763 *0.188*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	non rivestito	IT8-9
SD203A-5.0-20-6R1-T	02523021	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	non rivestito	IT8-9
SD203A-02188-083-0236R1-T	02569156	5,558 *0.219*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	non rivestito	IT8-9
SD203A-6.0-21-6R1-T	02542682	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	non rivestito	IT8-9
SD203A-02500-091-0315R1-T	02569149	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-6.5-23-8R1-T	02545316	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-6.9-25-8R1-T	02537280	6,9 *0.272*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-7.0-25-8R1-T	02525985	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-02813-098-0315R1-T	02569151	7,145 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-7.5-25-8R1-T	02527667	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-03125-106-0315R1-T	02569152	7,938 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-8.0-27-8R1-T	02513679	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	non rivestito	IT8-9
SD203A-8.5-27-10R1-T	02548250	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	non rivestito	IT8-9
SD203A-8.8-29-10R1-T	02569153	8,8 *0.346*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	non rivestito	IT8-9
SD203A-9.0-29-10R1-T	02524440	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	non rivestito	IT8-9
SD203A-9.5-29-10R1-T	02545386	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	non rivestito	IT8-9
SD203A-10.0-31-10R1-T	02525984	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	non rivestito	IT8-9
SD203A-10.5-31-12R1-T	02545387	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	non rivestito	IT8-9
SD203A-11.0-33-12R1-T	02569155	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	non rivestito	IT8-9
SD203A-11.5-33-12R1-T	02567385	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	non rivestito	IT8-9
SD203A-12.0-36-12R1-T	02562784	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	non rivestito	IT8-9

SD205A, -T

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





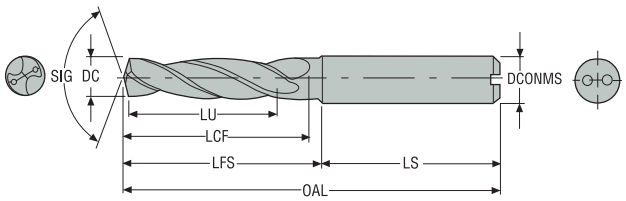
—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Parametri di taglio - www.secotools.com
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD205A-8.0-42-8R1-T	02569164	8,0 *0.315*	42,0 *1.654*	91,0 *3.583*	55,0 *2.165*	36,0 *1.417*	53,0 *2.087*	8,0 *0.315*	140°	non rivestito	IT8-9
SD205A-12.0-56-12R1-T	02527621	12,0 *0.472*	56,0 *2.205*	118,0 *4.646*	73,0 *2.874*	45,0 *1.772*	71,0 *2.795*	12,0 *0.472*	140°	non rivestito	IT8-9

SD203A, -N

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Tolleranza DC m7
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 139- 140
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-2.5-8-4R1-N	02691548	2,5 *0.098*	8,0 *0.315*	44,0 *1.732*	16,0 *0.630*	28,0 *1.102*	13,0 *0.512*	4,0 *0.157*	140°	Rivestimento DLC	IT8-9
SD203A-3.0-14-6R1-N	02691549	3,0 *0.118*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-3.3-14-6R1-N	02691551	3,3 *0.130*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-3.5-15-6R1-N	02691552	3,5 *0.138*	15,0 *0.591*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	20,0 *0.787*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-4.0-17-6R1-N	02691553	4,0 *0.157*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-4.1-17-6R1-N	02691554	4,1 *0.161*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-4.5-18-6R1-N	02691555	4,5 *0.177*	18,0 *0.709*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	24,0 *0.945*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-5.0-20-6R1-N	02691556	5,0 *0.197*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-5.2-20-6R1-N	02691557	5,2 *0.205*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-5.5-20-6R1-N	02691558	5,5 *0.217*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-6.0-21-6R1-N	02691559	6,0 *0.236*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	140°	Rivestimento DLC	IT8-9
SD203A-02500-091-0315R1-N	02691560	6,35 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-6.5-23-8R1-N	02691562	6,5 *0.256*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-02656-098-0315R1-N	02691564	6,746 *0.266*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-6.8-25-8R1-N	02691565	6,8 *0.268*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-7.0-25-8R1-N	02643590	7,0 *0.276*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-7.1-25-8R1-N	02691567	7,1 *0.280*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-02813-098-0315R1-N	02691568	7,145 *0.281*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-7.5-25-8R1-N	02691569	7,5 *0.295*	25,0 *0.984*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-03125-106-0315R1-N	02691570	7,938 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-8.0-27-8R1-N	02691571	8,0 *0.315*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	140°	Rivestimento DLC	IT8-9
SD203A-8.5-27-10R1-N	02643592	8,5 *0.335*	27,0 *1.063*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Rivestimento DLC	IT8-9
SD203A-9.0-29-10R1-N	02691574	9,0 *0.354*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Rivestimento DLC	IT8-9
SD203A-9.5-29-10R1-N	02691575	9,5 *0.374*	29,0 *1.142*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Rivestimento DLC	IT8-9
SD203A-03750-122-0394R1-N	02691576	9,525 *0.375*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Rivestimento DLC	IT8-9

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento	Tolleranza foro
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			
SD203A-10.0-31-10R1-N	02691577	10,0 *0.394*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	140°	Rivestimento DLC	IT8-9
SD203A-10.2-31-12R1-N	02691578	10,2 *0.402*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Rivestimento DLC	IT8-9
SD203A-04063-122-0472R1-N	02691579	10,32 *0.406*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Rivestimento DLC	IT8-9
SD203A-10.5-31-12R1-N	02691580	10,5 *0.413*	31,0 *1.220*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Rivestimento DLC	IT8-9
SD203A-11.0-33-12R1-N	02691582	11,0 *0.433*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Rivestimento DLC	IT8-9
SD203A-04375-130-0472R1-N	02691585	11,113 *0.438*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Rivestimento DLC	IT8-9
SD203A-11.5-33-12R1-N	02691588	11,5 *0.453*	33,0 *1.299*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Rivestimento DLC	IT8-9
SD203A-12.0-36-12R1-N	02691589	12,0 *0.472*	36,0 *1.417*	102,0 *4.016*	57,0 *2.244*	45,0 *1.772*	55,0 *2.165*	12,0 *0.472*	140°	Rivestimento DLC	IT8-9
SD203A-12.5-36-14R1-N	02691591	12,5 *0.492*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Rivestimento DLC	IT8-9
SD203A-05000-142-0551R1-N	02691592	12,7 *0.500*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Rivestimento DLC	IT8-9
SD203A-13.0-36-14R1-N	02691594	13,0 *0.512*	36,0 *1.417*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Rivestimento DLC	IT8-9
SD203A-05312-146-0551R1-N	02691596	13,492 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Rivestimento DLC	IT8-9
SD203A-13.5-37-14R1-N	02691597	13,5 *0.531*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Rivestimento DLC	IT8-9
SD203A-14.0-37-14R1-N	02691598	14,0 *0.551*	37,0 *1.457*	107,0 *4.213*	62,0 *2.441*	45,0 *1.772*	60,0 *2.362*	14,0 *0.551*	140°	Rivestimento DLC	IT8-9

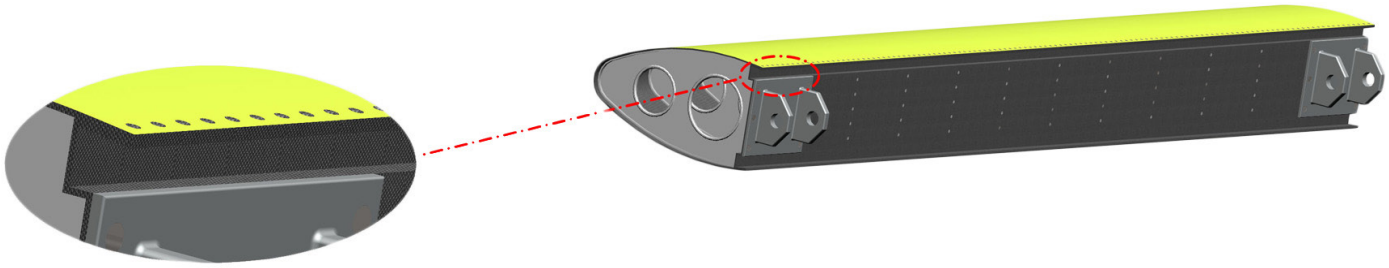


Foratura di compositi

Seco offre due distinte soluzioni per la foratura di materiali compositi: punte con rivestimento diamantato e punte in diamante policristallino (PCD). Questi utensili dispongono di geometrie ottimizzate in modo specifico per materiali compositi regolari o materiali stratificati.

- La geometria delle punte C1 e CX1 è ottimizzata per le lavorazioni di materiale composito CFRP
- La geometria piana delle punte C2 consente di lavorare materiali compositi stratificati in cui sono presenti strati di alluminio o titanio
- Nella lavorazione dei materiali compositi, le punte CX1 in diamante policristallino (PCD) offrono un'elevata produttività e una lunga durata dell'utensile rispetto alle punte tradizionali.
- Le punte C1 e C2 sono in metallo duro con rivestimento in diamante DURA, che fornisce un'ottima robustezza e resistenza all'abrasione

Lavorazione di materiali compositi



Quando l'obiettivo è la qualità del foro

Sui materiali compositi e materiali sandwich, nei quali le problematiche principali sono delaminazione in entrata/uscita e scheggiature, sono state raggiunte prestazioni eccellenti. In entrambi i casi sono state raggiunte prestazioni eccellenti sia in entrata che in uscita. (Su materiali sandwich questo generalmente significa uscita su Al o Ti).

- Nessuna delaminazione in tirata (entrata)
- Nessuna delaminazione in spinta (uscita)

Il rivestimento Dura diamond assicura buona tolleranza dimensionale per tutta la vita dell'utensile.





Campione di applicazione

Piastra CFRP/GFRP
(uscita su materiale composito)

Geometria C1
Geometria CX1





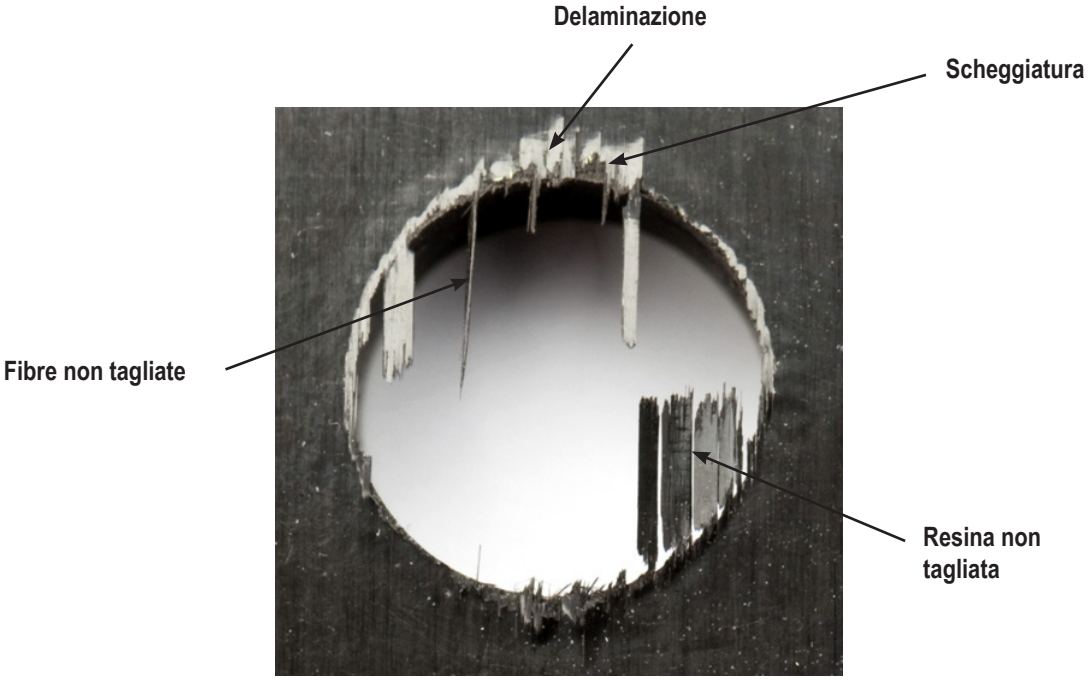
Materiale sandwich
(uscita su Al/Ti)

Geometria C2





Problemi e soluzioni - Uscita del foro

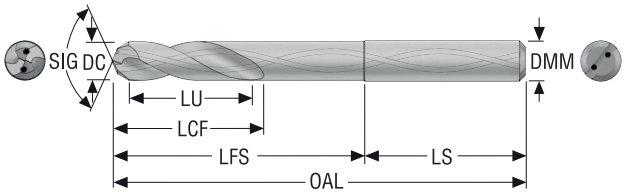


Problema:	Delaminazione (in tirata / in spinta)	Scheggiatura	Fibre non tagliate	Resina non tagliata
Soluzione:	**In tirata** ▪ Usare una punta con una geometria più negativa ▪ Ridurre l'avanzamento al giro **In spinta** ▪ Ridurre l'avanzamento al giro	▪ Usare una punta con una geometria più positiva ▪ Ridurre l'avanzamento al giro	▪ Usare una punta con una geometria più affilata ▪ Ridurre l'avanzamento al giro	▪ Usare una punta con una geometria più affilata ▪ Ridurre l'avanzamento al giro ▪ Ridurre la velocità di taglio
Problema:	**Resina fusa (troppo calore)**	**Scarsa durata utensile**		
Soluzione:	▪ Ridurre la velocità di taglio	▪ Ridurre la velocità di taglio		

SD205A-C1

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





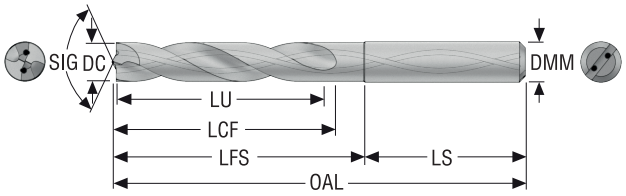
—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 158

Codice di ordinazione	Codice prodotto	Tolleranza foro attesa		DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento
		mm	*Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD205A-6.0-31-6R1-C1	02740089	5,975/6,025	*0.2352/0.2372*	6,0 *0.236*	31,0 *1.220*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	60°/130°	Dura Diamond
SD205A-9.55-46-10R1-C1	02740092	9,525/9,576	*0.3750/0.3770*	9,55 *0.376*	46,0 *1.811*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	60°/130°	Dura Diamond

SD205A-C2

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





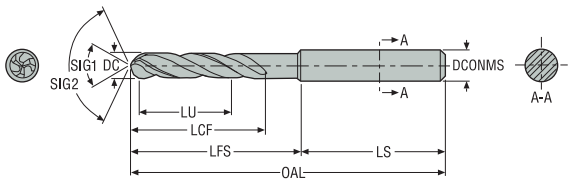
—Codolo cilindrico DIN 6537A
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 158

Codice di ordinazione	Codice prodotto	Tolleranza foro attesa		DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta	Rivestimento
		mm	*Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD205A-6.0-32-6R1-C2	02740099	5,975/6,025	*0.2352/0.2372*	6,0 *0.236*	32,0 *1.260*	82,0 *3.228*	46,0 *1.811*	36,0 *1.417*	44,0 *1.732*	6,0 *0.236*	60°/130°	Dura Diamond
SD205A-9.55-48-10R1-C2	02740103	9,525/9,576	*0.3750/0.3770*	9,55 *0.376*	48,0 *1.890*	103,0 *4.055*	63,0 *2.480*	40,0 *1.575*	61,0 *2.402*	10,0 *0.394*	60°/130°	Dura Diamond

SD203-CX1

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo cilindrico DIN 6537A
—Taglienti PCD
—Per i parametri di taglio raccomandati, vedere pagina(e) 158

Codice di ordinazione	Codice prodotto	Tolleranza foro attesa		DC	LU	OAL	LFS	LS	LCF	DMM	Angolo di punta
		mm	*Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	
SD203-3.26-14-6R1-CX1	02827923	3,235/3,285	*0.1273/0.1293*	3,26 *0.128*	14,0 *0.551*	62,0 *2.441*	26,0 *1.024*	36,0 *1.417*	21,0 *0.827*	6,0 *0.236*	60°/130°
SD203-4.17-17-6R1-CX1	02827924	4,142/4,192	*0.1630/0.1650*	4,17 *0.164*	17,0 *0.669*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	25,0 *0.984*	6,0 *0.236*	60°/130°
SD203-4.83-20-6R1-CX1	02827925	4,805/4,855	*0.1891/0.1911*	4,83 *0.190*	20,0 *0.787*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	60°/130°
SD203-6.06-21-6R1-CX1	02827926	6,035/6,085	*0.2375/0.2395*	6,06 *0.239*	21,0 *0.827*	66,0 *2.598*	30,0 *1.181*	36,0 *1.417*	28,0 *1.102*	6,0 *0.236*	60°/130°
SD203-6.36-23-8R1-CX1	02827927	6,33/6,38	*0.2492/0.2511*	6,36 *0.250*	23,0 *0.906*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	34,0 *1.339*	8,0 *0.315*	60°/130°
SD203-7.94-27-8R1-CX1	02827928	7,913/7,963	*0.3115/0.3135*	7,94 *0.313*	27,0 *1.063*	79,0 *3.110*	43,0 *1.693*	36,0 *1.417*	41,0 *1.614*	8,0 *0.315*	60°/130°
SD203-9.53-31-10R1-CX1	02827929	9,504/9,554	*0.3741/0.3761*	9,53 *0.375*	31,0 *1.220*	89,0 *3.504*	49,0 *1.929*	40,0 *1.575*	47,0 *1.850*	10,0 *0.394*	60°/130°



Micro foratura

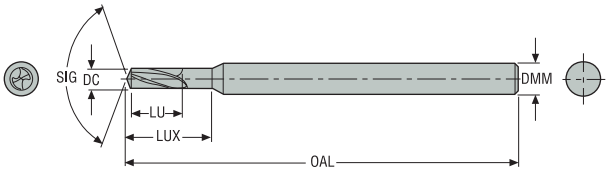
Seco dedica alle applicazioni di micro foratura una serie di prodotti specifici: le famiglie SD22 e SD26, micropunte in metallo duro integrale.

— In grado di offrire notevoli aumenti delle prestazioni rispetto alle tradizionali punte HSS
— Adatte per applicazioni nell'industria automobilistica e nell'industria medicale, così come per molti altri usi nella produzione di piccoli particolari nell'industria meccanica

SD22

Profondità di foratura ~ 2 x D (punta pilota) – Misure metriche/Pollici





—Codolo cilindrico
—Adduzione refrigerante esterna
—Per i parametri di taglio raccomandati, vedere pagina(e) 159–163

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD22-0.10-0.20-3R1	02731574	0,1 *0.004*	0,2 *0.008*	38,0 *1.496*	0,55 *0.022*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.11-0.22-3R1	02730362	0,11 *0.004*	0,22 *0.009*	38,0 *1.496*	0,55 *0.022*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.12-0.24-3R1	02730460	0,12 *0.005*	0,24 *0.009*	38,0 *1.496*	0,55 *0.022*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.13-0.26-3R1	02730461	0,13 *0.005*	0,26 *0.010*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.14-0.28-3R1	02730462	0,14 *0.006*	0,28 *0.011*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.15-0.30-3R1	02731575	0,15 *0.006*	0,3 *0.012*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.16-0.32-3R1	02730464	0,16 *0.006*	0,32 *0.013*	38,0 *1.496*	0,6 *0.024*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.17-0.34-3R1	02730465	0,17 *0.007*	0,34 *0.013*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.18-0.36-3R1	02730466	0,18 *0.007*	0,36 *0.014*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.19-0.38-3R1	02730467	0,19 *0.007*	0,38 *0.015*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.20-0.40-3R1	02731576	0,2 *0.008*	0,4 *0.016*	38,0 *1.496*	0,75 *0.030*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.21-0.42-3R1	02730468	0,21 *0.008*	0,42 *0.017*	38,0 *1.496*	0,75 *0.030*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.22-0.44-3R1	02730469	0,22 *0.009*	0,44 *0.017*	38,0 *1.496*	0,8 *0.031*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.23-0.46-3R1	02730470	0,23 *0.009*	0,46 *0.018*	38,0 *1.496*	0,8 *0.031*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.24-0.48-3R1	02730471	0,24 *0.009*	0,48 *0.019*	38,0 *1.496*	0,8 *0.031*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.25-0.50-3R1	02731577	0,25 *0.010*	0,5 *0.020*	38,0 *1.496*	0,9 *0.035*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.26-0.52-3R1	02730472	0,26 *0.010*	0,52 *0.020*	38,0 *1.496*	0,9 *0.035*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.27-0.54-3R1	02730473	0,27 *0.011*	0,54 *0.021*	38,0 *1.496*	0,9 *0.035*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.28-0.56-3R1	02730474	0,28 *0.011*	0,56 *0.022*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.29-0.58-3R1	02730475	0,29 *0.011*	0,58 *0.023*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.30-0.60-3R1	02731579	0,3 *0.012*	0,6 *0.024*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.31-0.62-3R1	02730476	0,31 *0.012*	0,62 *0.024*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.32-0.64-3R1	02730477	0,32 *0.013*	0,64 *0.025*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.33-0.66-3R1	02730478	0,33 *0.013*	0,66 *0.026*	38,0 *1.496*	1,2 *0.047*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.34-0.68-3R1	02730479	0,34 *0.013*	0,68 *0.027*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.35-0.70-3R1	02731580	0,35 *0.014*	0,7 *0.028*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD22-0.36-0.72-3R1	02730480	0,36 *0.014*	0,72 *0.028*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.37-0.74-3R1	02730481	0,37 *0.015*	0,74 *0.029*	38,0 *1.496*	1,35 *0.053*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.38-0.76-3R1	02730482	0,38 *0.015*	0,76 *0.030*	38,0 *1.496*	1,5 *0.059*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.39-0.78-3R1	02730483	0,39 *0.015*	0,78 *0.031*	38,0 *1.496*	1,5 *0.059*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.40-0.80-3R1	02731581	0,4 *0.016*	0,8 *0.031*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.41-0.82-3R1	02730484	0,41 *0.016*	0,82 *0.032*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.42-0.84-3R1	02730485	0,42 *0.017*	0,84 *0.033*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.43-0.86-3R1	02730486	0,43 *0.017*	0,86 *0.034*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.44-0.88-3R1	02730487	0,44 *0.017*	0,88 *0.035*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.45-0.90-3R1	02731582	0,45 *0.018*	0,9 *0.035*	38,0 *1.496*	1,6 *0.063*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.46-0.92-3R1	02730488	0,46 *0.018*	0,92 *0.036*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.47-0.94-3R1	02730489	0,47 *0.019*	0,94 *0.037*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.48-0.96-3R1	02730490	0,48 *0.019*	0,96 *0.038*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.49-0.98-3R1	02730491	0,49 *0.019*	0,98 *0.039*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.50-1.00-3R1	02731584	0,5 *0.020*	1,0 *0.039*	38,0 *1.496*	1,7 *0.067*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.51-1.02-3R1	02730492	0,51 *0.020*	1,02 *0.040*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.52-1.04-3R1	02730493	0,52 *0.020*	1,04 *0.041*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.53-1.06-3R1	02730494	0,53 *0.021*	1,06 *0.042*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.54-1.08-3R1	02730495	0,54 *0.021*	1,08 *0.043*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.55-1.10-3R1	02731585	0,55 *0.022*	1,1 *0.043*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.56-1.12-3R1	02730496	0,56 *0.022*	1,12 *0.044*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.57-1.14-3R1	02730497	0,57 *0.022*	1,14 *0.045*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.58-1.16-3R1	02730498	0,58 *0.023*	1,16 *0.046*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.59-1.18-3R1	02730499	0,59 *0.023*	1,18 *0.046*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.60-1.20-3R1	02731586	0,6 *0.024*	1,2 *0.047*	38,0 *1.496*	1,9 *0.075*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.61-1.22-3R1	02730500	0,61 *0.024*	1,22 *0.048*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.62-1.24-3R1	02730501	0,62 *0.024*	1,24 *0.049*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.63-1.26-3R1	02730502	0,63 *0.025*	1,26 *0.050*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.64-1.28-3R1	02730503	0,64 *0.025*	1,28 *0.050*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.65-1.30-3R1	02731587	0,65 *0.026*	1,3 *0.051*	38,0 *1.496*	2,0 *0.079*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.66-1.32-3R1	02730504	0,66 *0.026*	1,32 *0.052*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.67-1.34-3R1	02730505	0,67 *0.026*	1,34 *0.053*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.68-1.36-3R1	02730506	0,68 *0.027*	1,36 *0.054*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.69-1.38-3R1	02730507	0,69 *0.027*	1,38 *0.054*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.70-1.40-3R1	02731589	0,7 *0.028*	1,4 *0.055*	38,0 *1.496*	2,1 *0.083*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD22-0.71-1.42-3R1	02730508	0,71 *0.028*	1,42 *0.056*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.72-1.44-3R1	02730509	0,72 *0.028*	1,44 *0.057*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.73-1.46-3R1	02730510	0,73 *0.029*	1,46 *0.057*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.74-1.48-3R1	02730511	0,74 *0.029*	1,48 *0.058*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.75-1.50-3R1	02731590	0,75 *0.030*	1,5 *0.059*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.76-1.52-3R1	02730512	0,76 *0.030*	1,52 *0.060*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.77-1.54-3R1	02730513	0,77 *0.030*	1,54 *0.061*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.78-1.56-3R1	02730514	0,78 *0.031*	1,56 *0.061*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.79-1.58-3R1	02730515	0,79 *0.031*	1,58 *0.062*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.80-1.60-3R1	02731592	0,8 *0.031*	1,6 *0.063*	38,0 *1.496*	2,3 *0.091*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.81-1.62-3R1	02730516	0,81 *0.032*	1,62 *0.064*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.82-1.64-3R1	02730517	0,82 *0.032*	1,64 *0.065*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.83-1.66-3R1	02730518	0,83 *0.033*	1,66 *0.065*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.84-1.68-3R1	02730519	0,84 *0.033*	1,68 *0.066*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.85-1.70-3R1	02731593	0,85 *0.033*	1,7 *0.067*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.86-1.72-3R1	02730520	0,86 *0.034*	1,72 *0.068*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.87-1.74-3R1	02730521	0,87 *0.034*	1,74 *0.069*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.88-1.76-3R1	02730522	0,88 *0.035*	1,76 *0.069*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.89-1.78-3R1	02730523	0,89 *0.035*	1,78 *0.070*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.90-1.80-3R1	02731594	0,9 *0.035*	1,8 *0.071*	38,0 *1.496*	2,5 *0.098*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.91-1.82-3R1	02730524	0,91 *0.036*	1,82 *0.072*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.92-1.84-3R1	02730525	0,92 *0.036*	1,84 *0.072*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.93-1.86-3R1	02730526	0,93 *0.037*	1,86 *0.073*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.94-1.88-3R1	02730527	0,94 *0.037*	1,88 *0.074*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.95-1.90-3R1	02731595	0,95 *0.037*	1,9 *0.075*	38,0 *1.496*	2,6 *0.102*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.96-1.92-3R1	02730528	0,96 *0.038*	1,92 *0.076*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.97-1.94-3R1	02730529	0,97 *0.038*	1,94 *0.076*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.98-1.96-3R1	02730530	0,98 *0.039*	1,96 *0.077*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Senza rivestimento
SD22-0.99-1.98-3R1	02730531	0,99 *0.039*	1,98 *0.078*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.00-2.00-3R1	02731596	1,0 *0.039*	2,0 *0.079*	38,0 *1.496*	2,7 *0.106*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.01-2.02-3R1	02730532	1,01 *0.040*	2,02 *0.080*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.02-2.04-3R1	02730533	1,02 *0.040*	2,04 *0.080*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.03-2.06-3R1	02730534	1,03 *0.041*	2,06 *0.081*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.04-2.08-3R1	02730535	1,04 *0.041*	2,08 *0.082*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.05-2.10-3R1	02730536	1,05 *0.041*	2,1 *0.083*	38,0 *1.496*	3,5 *0.138*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD22-1.06-2.12-3R1	02730537	1,06 *0.042*	2,12 *0.083*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.07-2.14-3R1	02730538	1,07 *0.042*	2,14 *0.084*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.08-2.16-3R1	02730539	1,08 *0.043*	2,16 *0.085*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.09-2.18-3R1	02730540	1,09 *0.043*	2,18 *0.086*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.10-2.20-3R1	02731598	1,1 *0.043*	2,2 *0.087*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.11-2.22-3R1	02730541	1,11 *0.044*	2,22 *0.087*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.12-2.24-3R1	02730542	1,12 *0.044*	2,24 *0.088*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.13-2.26-3R1	02730543	1,13 *0.044*	2,26 *0.089*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.14-2.28-3R1	02730544	1,14 *0.045*	2,28 *0.090*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.15-2.30-3R1	02730545	1,15 *0.045*	2,3 *0.091*	38,0 *1.496*	3,7 *0.146*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.16-2.32-3R1	02730546	1,16 *0.046*	2,32 *0.091*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.17-2.34-3R1	02730547	1,17 *0.046*	2,34 *0.092*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.18-2.36-3R1	02730548	1,18 *0.046*	2,36 *0.093*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.19-2.38-3R1	02730549	1,19 *0.047*	2,38 *0.094*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.20-2.40-3R1	02731599	1,2 *0.047*	2,4 *0.094*	38,0 *1.496*	3,8 *0.150*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.21-2.42-3R1	02730550	1,21 *0.048*	2,42 *0.095*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.22-2.44-3R1	02730551	1,22 *0.048*	2,44 *0.096*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.23-2.46-3R1	02730552	1,23 *0.048*	2,46 *0.097*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.24-2.48-3R1	02730553	1,24 *0.049*	2,48 *0.098*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.25-2.50-3R1	02730554	1,25 *0.049*	2,5 *0.098*	38,0 *1.496*	4,2 *0.165*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.26-2.52-3R1	02730555	1,26 *0.050*	2,52 *0.099*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.27-2.54-3R1	02730556	1,27 *0.050*	2,54 *0.100*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.28-2.56-3R1	02730557	1,28 *0.050*	2,56 *0.101*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.29-2.58-3R1	02730558	1,29 *0.051*	2,58 *0.102*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.30-2.60-3R1	02731600	1,3 *0.051*	2,6 *0.102*	38,0 *1.496*	4,3 *0.169*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.31-2.62-3R1	02730559	1,31 *0.052*	2,62 *0.103*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.32-2.64-3R1	02730560	1,32 *0.052*	2,64 *0.104*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.33-2.66-3R1	02730561	1,33 *0.052*	2,66 *0.105*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.34-2.68-3R1	02730562	1,34 *0.053*	2,68 *0.106*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.35-2.70-3R1	02730563	1,35 *0.053*	2,7 *0.106*	38,0 *1.496*	4,4 *0.173*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.36-2.72-3R1	02730564	1,36 *0.054*	2,72 *0.107*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.37-2.74-3R1	02730565	1,37 *0.054*	2,74 *0.108*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.38-2.76-3R1	02730566	1,38 *0.054*	2,76 *0.109*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.39-2.78-3R1	02730567	1,39 *0.055*	2,78 *0.109*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.40-2.80-3R1	02731602	1,4 *0.055*	2,8 *0.110*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento

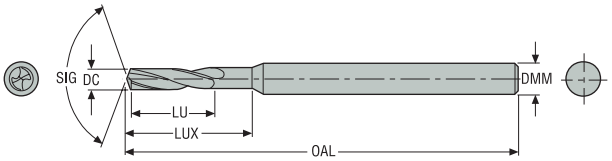
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD22-1.41-2.82-3R1	02730568	1,41 *0.056*	2,82 *0.111*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.42-2.84-3R1	02730569	1,42 *0.056*	2,84 *0.112*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.43-2.86-3R1	02730570	1,43 *0.056*	2,86 *0.113*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.44-2.88-3R1	02730571	1,44 *0.057*	2,88 *0.113*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.45-2.90-3R1	02730572	1,45 *0.057*	2,9 *0.114*	38,0 *1.496*	4,6 *0.181*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.46-2.92-3R1	02730573	1,46 *0.057*	2,92 *0.115*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.47-2.94-3R1	02730574	1,47 *0.058*	2,94 *0.116*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.48-2.96-3R1	02730575	1,48 *0.058*	2,96 *0.117*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.49-2.98-3R1	02730576	1,49 *0.059*	2,98 *0.117*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.50-3.00-3R1	02731603	1,5 *0.059*	3,0 *0.118*	38,0 *1.496*	4,7 *0.185*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.51-3.02-3R1	02730577	1,51 *0.059*	3,02 *0.119*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.52-3.04-3R1	02730578	1,52 *0.060*	3,04 *0.120*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.53-3.06-3R1	02730579	1,53 *0.060*	3,06 *0.120*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.54-3.08-3R1	02730580	1,54 *0.061*	3,08 *0.121*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.55-3.10-3R1	02730581	1,55 *0.061*	3,1 *0.122*	38,0 *1.496*	5,1 *0.201*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.56-3.12-3R1	02730582	1,56 *0.061*	3,12 *0.123*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.57-3.14-3R1	02730583	1,57 *0.062*	3,14 *0.124*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.58-3.16-3R1	02730584	1,58 *0.062*	3,16 *0.124*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.59-3.18-3R1	02730585	1,59 *0.063*	3,18 *0.125*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.60-3.20-3R1	02731605	1,6 *0.063*	3,2 *0.126*	38,0 *1.496*	5,2 *0.205*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.61-3.22-3R1	02730586	1,61 *0.063*	3,22 *0.127*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.62-3.24-3R1	02730587	1,62 *0.064*	3,24 *0.128*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.63-3.26-3R1	02730588	1,63 *0.064*	3,26 *0.128*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.64-3.28-3R1	02730589	1,64 *0.065*	3,28 *0.129*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.65-3.30-3R1	02730590	1,65 *0.065*	3,3 *0.130*	38,0 *1.496*	5,3 *0.209*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.66-3.32-3R1	02730592	1,66 *0.065*	3,32 *0.131*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.67-3.34-3R1	02730593	1,67 *0.066*	3,34 *0.131*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.68-3.36-3R1	02730594	1,68 *0.066*	3,36 *0.132*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.69-3.38-3R1	02730595	1,69 *0.067*	3,38 *0.133*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.70-3.40-3R1	02731606	1,7 *0.067*	3,4 *0.134*	38,0 *1.496*	5,4 *0.213*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.71-3.42-3R1	02730596	1,71 *0.067*	3,42 *0.135*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.72-3.44-3R1	02730597	1,72 *0.068*	3,44 *0.135*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.73-3.46-3R1	02730598	1,73 *0.068*	3,46 *0.136*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.74-3.48-3R1	02730599	1,74 *0.069*	3,48 *0.137*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.75-3.50-3R1	02730601	1,75 *0.069*	3,5 *0.138*	38,0 *1.496*	5,5 *0.217*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD22-1.76-3.52-3R1	02730602	1,76 *0.069*	3,52 *0.139*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.77-3.54-3R1	02730603	1,77 *0.070*	3,54 *0.139*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.78-3.56-3R1	02730604	1,78 *0.070*	3,56 *0.140*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.79-3.58-3R1	02730605	1,79 *0.070*	3,58 *0.141*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.80-3.60-3R1	02731607	1,8 *0.071*	3,6 *0.142*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.81-3.62-3R1	02730606	1,81 *0.071*	3,62 *0.143*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.82-3.64-3R1	02730607	1,82 *0.072*	3,64 *0.143*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.83-3.66-3R1	02730608	1,83 *0.072*	3,66 *0.144*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.84-3.68-3R1	02730609	1,84 *0.072*	3,68 *0.145*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.85-3.70-3R1	02730610	1,85 *0.073*	3,7 *0.146*	38,0 *1.496*	5,7 *0.224*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.86-3.72-3R1	02730611	1,86 *0.073*	3,72 *0.146*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.87-3.74-3R1	02730612	1,87 *0.074*	3,74 *0.147*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.88-3.76-3R1	02730613	1,88 *0.074*	3,76 *0.148*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.89-3.78-3R1	02730614	1,89 *0.074*	3,78 *0.149*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.90-3.80-3R1	02731609	1,9 *0.075*	3,8 *0.150*	38,0 *1.496*	5,8 *0.228*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.91-3.82-3R1	02730615	1,91 *0.075*	3,82 *0.150*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.92-3.84-3R1	02730616	1,92 *0.076*	3,84 *0.151*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.93-3.86-3R1	02730617	1,93 *0.076*	3,86 *0.152*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.94-3.88-3R1	02730618	1,94 *0.076*	3,88 *0.153*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.95-3.90-3R1	02730619	1,95 *0.077*	3,9 *0.154*	38,0 *1.496*	5,9 *0.232*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.96-3.92-3R1	02730620	1,96 *0.077*	3,92 *0.154*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.97-3.94-3R1	02730621	1,97 *0.078*	3,94 *0.155*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.98-3.96-3R1	02730622	1,98 *0.078*	3,96 *0.156*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Senza rivestimento
SD22-1.99-3.98-3R1	02730623	1,99 *0.078*	3,98 *0.157*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Senza rivestimento
SD22-2.00-4.00-3R1	02731610	2,0 *0.079*	4,0 *0.157*	38,0 *1.496*	6,0 *0.236*	3,0 *0.118*	130°	Senza rivestimento

SD26

Profondità di foratura ~ 6 x D – Misure metriche/Pollici





—Codolo cilindrico
—Adduzione refrigerante esterna
—Per i parametri di taglio raccomandati, vedere pagina(e) 159-163

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD26-0.10-0.40-3R1	02731612	0,1 *0.004*	0,4 *0.016*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.11-0.40-3R1	02730624	0,11 *0.004*	0,4 *0.016*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.12-0.40-3R1	02730625	0,12 *0.005*	0,4 *0.016*	38,0 *1.496*	0,7 *0.028*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.13-0.65-3R1	02730626	0,13 *0.005*	0,65 *0.026*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.14-0.65-3R1	02730627	0,14 *0.006*	0,65 *0.026*	38,0 *1.496*	1,0 *0.039*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.15-0.65-3R1	02731613	0,15 *0.006*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.16-0.90-3R1	02730628	0,16 *0.006*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.17-0.90-3R1	02730629	0,17 *0.007*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.18-0.90-3R1	02730630	0,18 *0.007*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.19-0.90-3R1	02730631	0,19 *0.007*	0,9 *0.035*	38,0 *1.496*	1,4 *0.055*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.20-1.25-3R1	02731615	0,2 *0.008*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.21-1.25-3R1	02730632	0,21 *0.008*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.22-1.25-3R1	02730633	0,22 *0.009*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.23-1.25-3R1	02730634	0,23 *0.009*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.24-1.25-3R1	02730635	0,24 *0.009*	1,25 *0.049*	38,0 *1.496*	1,8 *0.071*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.25-1.55-3R1	02731617	0,25 *0.010*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.26-1.55-3R1	02730636	0,26 *0.010*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.27-1.55-3R1	02730637	0,27 *0.011*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.28-1.55-3R1	02730638	0,28 *0.011*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.29-1.55-3R1	02730639	0,29 *0.011*	1,55 *0.061*	38,0 *1.496*	2,2 *0.087*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.30-1.80-3R1	02731618	0,3 *0.012*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.31-1.80-3R1	02730640	0,31 *0.012*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.32-1.80-3R1	02730641	0,32 *0.013*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.33-1.80-3R1	02730642	0,33 *0.013*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.34-1.80-3R1	02730643	0,34 *0.013*	1,8 *0.071*	38,0 *1.496*	2,4 *0.094*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.35-2.20-3R1	02731619	0,35 *0.014*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD26-0.36-2.20-3R1	02730644	0,36 *0.014*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.37-2.20-3R1	02730645	0,37 *0.015*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.38-2.20-3R1	02730646	0,38 *0.015*	2,2 *0.087*	38,0 *1.496*	2,8 *0.110*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.39-2.70-3R1	02730647	0,39 *0.015*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.40-2.70-3R1	02731620	0,4 *0.016*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.41-2.70-3R1	02730648	0,41 *0.016*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.42-2.70-3R1	02730649	0,42 *0.017*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.43-2.70-3R1	02730650	0,43 *0.017*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.44-2.70-3R1	02730651	0,44 *0.017*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.45-2.70-3R1	02731621	0,45 *0.018*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.46-2.70-3R1	02730652	0,46 *0.018*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.47-2.70-3R1	02730653	0,47 *0.019*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.48-2.70-3R1	02730654	0,48 *0.019*	2,7 *0.106*	38,0 *1.496*	3,6 *0.142*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.49-3.20-3R1	02730655	0,49 *0.019*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.50-3.20-3R1	02731622	0,5 *0.020*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.51-3.20-3R1	02730656	0,51 *0.020*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.52-3.20-3R1	02730657	0,52 *0.020*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.53-3.20-3R1	02730658	0,53 *0.021*	3,2 *0.126*	38,0 *1.496*	4,0 *0.157*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.54-3.60-3R1	02730659	0,54 *0.021*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.55-3.60-3R1	02731623	0,55 *0.022*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.56-3.60-3R1	02730660	0,56 *0.022*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.57-3.60-3R1	02730661	0,57 *0.022*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.58-3.60-3R1	02730662	0,58 *0.023*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.59-3.60-3R1	02730663	0,59 *0.023*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.60-3.60-3R1	02731624	0,6 *0.024*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.61-3.90-3R1	02730664	0,61 *0.024*	3,6 *0.142*	38,0 *1.496*	4,5 *0.177*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.62-3.90-3R1	02730665	0,62 *0.024*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.63-3.90-3R1	02730666	0,63 *0.025*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.64-3.90-3R1	02730667	0,64 *0.025*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.65-3.90-3R1	02731625	0,65 *0.026*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.66-3.90-3R1	02730668	0,66 *0.026*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.67-3.90-3R1	02730669	0,67 *0.026*	3,9 *0.154*	38,0 *1.496*	5,0 *0.197*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.68-4.50-3R1	02730670	0,68 *0.027*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.69-4.50-3R1	02730671	0,69 *0.027*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.70-4.50-3R1	02731626	0,7 *0.028*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD26-0.71-4.50-3R1	02730672	0,71 *0.028*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.72-4.50-3R1	02730673	0,72 *0.028*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.73-4.50-3R1	02730674	0,73 *0.029*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.74-4.50-3R1	02730675	0,74 *0.029*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.75-4.50-3R1	02731627	0,75 *0.030*	4,5 *0.177*	38,0 *1.496*	5,6 *0.220*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.76-5.00-3R1	02730676	0,76 *0.030*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.77-5.00-3R1	02730677	0,77 *0.030*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.78-5.00-3R1	02730678	0,78 *0.031*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.79-5.00-3R1	02730679	0,79 *0.031*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.80-5.00-3R1	02731628	0,8 *0.031*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.81-5.00-3R1	02730680	0,81 *0.032*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.82-5.00-3R1	02730681	0,82 *0.032*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.83-5.00-3R1	02730682	0,83 *0.033*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.84-5.00-3R1	02730683	0,84 *0.033*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.85-5.00-3R1	02731629	0,85 *0.033*	5,0 *0.197*	38,0 *1.496*	6,3 *0.248*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.86-5.70-3R1	02730684	0,86 *0.034*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.87-5.70-3R1	02730685	0,87 *0.034*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.88-5.70-3R1	02730686	0,88 *0.035*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.89-5.70-3R1	02730687	0,89 *0.035*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.90-5.70-3R1	02731630	0,9 *0.035*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.91-5.70-3R1	02730688	0,91 *0.036*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.92-5.70-3R1	02730689	0,92 *0.036*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.93-5.70-3R1	02730690	0,93 *0.037*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.94-5.70-3R1	02730691	0,94 *0.037*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.95-5.70-3R1	02731631	0,95 *0.037*	5,7 *0.224*	38,0 *1.496*	7,1 *0.280*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.96-6.50-3R1	02730692	0,96 *0.038*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.97-6.50-3R1	02730693	0,97 *0.038*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.98-6.50-3R1	02730694	0,98 *0.039*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-0.99-6.50-3R1	02730695	0,99 *0.039*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.00-6.50-3R1	02731632	1,0 *0.039*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.01-6.50-3R1	02730696	1,01 *0.040*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.02-6.50-3R1	02730697	1,02 *0.040*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.03-6.50-3R1	02730698	1,03 *0.041*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.04-6.50-3R1	02730699	1,04 *0.041*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.05-6.50-3R1	02730700	1,05 *0.041*	6,5 *0.256*	38,0 *1.496*	8,0 *0.315*	3,0 *0.118*	130°	Senza rivestimento

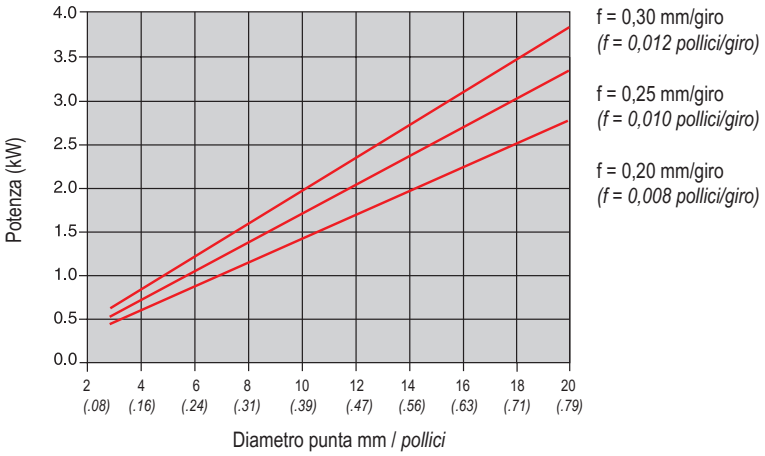
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD26-1.06-7.30-3R1	02730701	1,06 *0.042*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.07-7.30-3R1	02730702	1,07 *0.042*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.08-7.30-3R1	02730703	1,08 *0.043*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.09-7.30-3R1	02730704	1,09 *0.043*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.10-7.30-3R1	02731633	1,1 *0.043*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.11-7.30-3R1	02730705	1,11 *0.044*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.12-7.30-3R1	02730706	1,12 *0.044*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.13-7.30-3R1	02730707	1,13 *0.044*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.14-7.30-3R1	02730708	1,14 *0.045*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.15-7.30-3R1	02730709	1,15 *0.045*	7,3 *0.287*	38,0 *1.496*	9,0 *0.354*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.16-8.20-3R1	02730710	1,16 *0.046*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.17-8.20-3R1	02730711	1,17 *0.046*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.18-8.20-3R1	02730712	1,18 *0.046*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.19-8.20-3R1	02730713	1,19 *0.047*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.20-8.20-3R1	02731634	1,2 *0.047*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.21-8.20-3R1	02730714	1,21 *0.048*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.22-8.20-3R1	02730715	1,22 *0.048*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.23-8.20-3R1	02730716	1,23 *0.048*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.24-8.20-3R1	02730717	1,24 *0.049*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.25-8.20-3R1	02730718	1,25 *0.049*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.26-8.20-3R1	02730719	1,26 *0.050*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.27-8.20-3R1	02730720	1,27 *0.050*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.28-8.20-3R1	02730721	1,28 *0.050*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.29-8.20-3R1	02730722	1,29 *0.051*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.30-8.20-3R1	02731635	1,3 *0.051*	8,2 *0.323*	38,0 *1.496*	10,0 *0.394*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.31-9.20-3R1	02730723	1,31 *0.052*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.32-9.20-3R1	02730724	1,32 *0.052*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.33-9.20-3R1	02730725	1,33 *0.052*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.34-9.20-3R1	02730726	1,34 *0.053*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.35-9.20-3R1	02730727	1,35 *0.053*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.36-9.20-3R1	02730728	1,36 *0.054*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.37-9.20-3R1	02730729	1,37 *0.054*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.38-9.20-3R1	02730730	1,38 *0.054*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.39-9.20-3R1	02730731	1,39 *0.055*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.40-9.20-3R1	02731637	1,4 *0.055*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD26-1.41-9.20-3R1	02730732	1,41 *0.056*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.42-9.20-3R1	02730733	1,42 *0.056*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.43-9.20-3R1	02730734	1,43 *0.056*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.44-9.20-3R1	02730735	1,44 *0.057*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.45-9.20-3R1	02730736	1,45 *0.057*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.46-9.20-3R1	02730737	1,46 *0.057*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.47-9.20-3R1	02730738	1,47 *0.058*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.48-9.20-3R1	02730739	1,48 *0.058*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.49-9.20-3R1	02730740	1,49 *0.059*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.50-9.20-3R1	02731638	1,5 *0.059*	9,2 *0.362*	38,0 *1.496*	11,2 *0.441*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.51-11.20-3R1	02730741	1,51 *0.059*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.52-11.20-3R1	02730742	1,52 *0.060*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.53-11.20-3R1	02730743	1,53 *0.060*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.54-11.20-3R1	02730744	1,54 *0.061*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.55-11.20-3R1	02730745	1,55 *0.061*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.56-11.20-3R1	02730746	1,56 *0.061*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.57-11.20-3R1	02730747	1,57 *0.062*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.58-11.20-3R1	02730748	1,58 *0.062*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.59-11.20-3R1	02730749	1,59 *0.063*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.60-11.20-3R1	02731639	1,6 *0.063*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.61-11.20-3R1	02730750	1,61 *0.063*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.62-11.20-3R1	02730751	1,62 *0.064*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.63-11.20-3R1	02730752	1,63 *0.064*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.64-11.20-3R1	02730753	1,64 *0.065*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.65-11.20-3R1	02730754	1,65 *0.065*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.66-11.20-3R1	02730755	1,66 *0.065*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.67-11.20-3R1	02730756	1,67 *0.066*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.68-11.20-3R1	02730757	1,68 *0.066*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.69-11.20-3R1	02730758	1,69 *0.067*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.70-11.20-3R1	02731640	1,7 *0.067*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.71-11.20-3R1	02730759	1,71 *0.067*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.72-11.20-3R1	02730760	1,72 *0.068*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.73-11.20-3R1	02730761	1,73 *0.068*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.74-11.20-3R1	02730762	1,74 *0.069*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.75-11.20-3R1	02730763	1,75 *0.069*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	DMM	Angolo di punta	Rivestimento
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		
SD26-1.76-11.20-3R1	02730764	1,76 *0.069*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.77-11.20-3R1	02730765	1,77 *0.070*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.78-11.20-3R1	02730766	1,78 *0.070*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.79-11.20-3R1	02730767	1,79 *0.070*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.80-11.20-3R1	02731641	1,8 *0.071*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.81-11.20-3R1	02730768	1,81 *0.071*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.82-11.20-3R1	02730769	1,82 *0.072*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.83-11.20-3R1	02730770	1,83 *0.072*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.84-11.20-3R1	02730771	1,84 *0.072*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.85-11.20-3R1	02730772	1,85 *0.073*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.86-11.20-3R1	02730773	1,86 *0.073*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.87-11.20-3R1	02730774	1,87 *0.074*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.88-11.20-3R1	02730775	1,88 *0.074*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.89-11.20-3R1	02730776	1,89 *0.074*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.90-11.20-3R1	02731642	1,9 *0.075*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.91-11.20-3R1	02730777	1,91 *0.075*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.92-11.20-3R1	02730778	1,92 *0.076*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.93-11.20-3R1	02730779	1,93 *0.076*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.94-11.20-3R1	02730780	1,94 *0.076*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.95-11.20-3R1	02730781	1,95 *0.077*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.96-11.20-3R1	02730782	1,96 *0.077*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.97-11.20-3R1	02730783	1,97 *0.078*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.98-11.20-3R1	02730784	1,98 *0.078*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-1.99-11.20-3R1	02730785	1,99 *0.078*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento
SD26-2.00-11.20-3R1	02731643	2,0 *0.079*	11,2 *0.441*	38,0 *1.496*	13,4 *0.528*	3,0 *0.118*	130°	Senza rivestimento

Parametri di lavorazione

Potenza assorbita

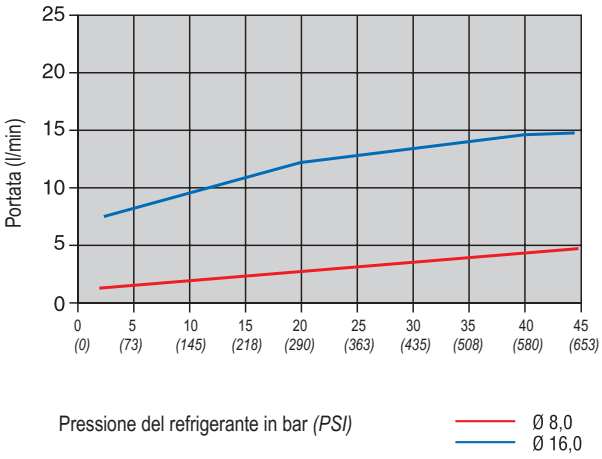


f = 0,30 mm/giro
(f = 0,012 pollici/giro)

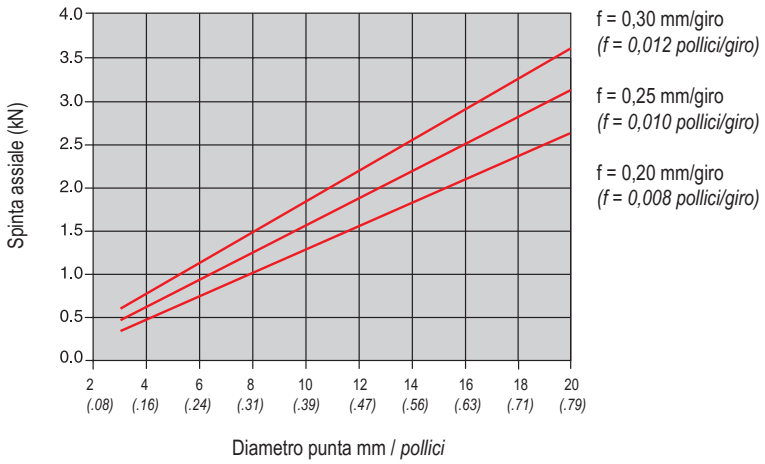
f = 0,25 mm/giro
(f = 0,010 pollici/giro)

f = 0,20 mm/giro
(f = 0,008 pollici/giro)

Portata refrigerante a diverse pressioni



Forza di avanzamento



f = 0,30 mm/giro
(f = 0,012 pollici/giro)

f = 0,25 mm/giro
(f = 0,010 pollici/giro)

f = 0,20 mm/giro
(f = 0,008 pollici/giro)

Metodo:
Regolare con piccole variazioni l'avanzamento per ottimizzare la forma dei trucioli.
Aumentare l'avanzamento/giro per ottenere trucioli più corti.

I valori relativi alla spinta assiale ed alla potenza assorbita sono indicativi e variano a seconda del materiale, del valore dell'usura e dei parametri di taglio.

Parametri di lavorazione

SD1103, SD1103A, SD1105A, SD203A, SD205A, SD206, SD206A, SD207A, SD2016A, SD2020A, SD2025A, SD2030A
IT8–9/R_a 1–3*

∅ punta DC (mm)	Tolleranza IT9 (µm)	Tolleranza IT10 (µm)	∅ Punta DC *(pollici)*	Tolleranza IT9 *(pollici)*	Tolleranza IT10 *(pollici)*
< 3	**14**	**25**	*-0.118*	*0.0006*	*0.0010*
3-6	**18**	**30**	*> 0.118-0.236*	*0.0007*	*0.0012*
6-10	**22**	**36**	*> 0.236-0.394*	*0.0009*	*0.0014*
10-18	**27**	**43**	*> 0.394-0.709*	*0.0011*	*0.0017*
> 18	**33**	**52**	*> 0.709*	*0.0013*	*0.0020*

*Quando si forano acciai inossidabili e acciai a basso tenore di carbonio, si può verificare un deterioramento della finitura superficiale.

Problemi e soluzioni – Verifiche iniziali

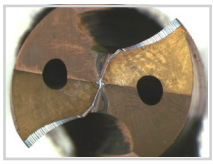
- Stabilità del fissaggio
- Condizioni del mandrino macchina
- Condizioni del portautensile

- Bloccaggio dell'utensile:
  - Eccentricità totale entro 0,04 TIR
  - Con pre-foratura entro 0,04 TIR

- Evacuazione del truciolo:
  - Parametri di taglio

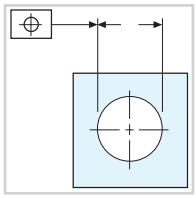
- Refrigerante:
  - Pressione
  - Flusso
  - Concentrazione

Rapida usura sul fianco



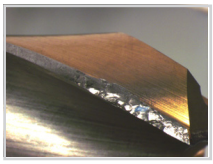
- Ridurre la velocità di taglio
- Aumentare la concentrazione del refrigerante

Tolleranza diametro non soddisfacente



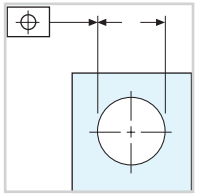
- Aumentare l'avanzamento/giro
- Effettuare un'operazione di alesatura, vedere le pagine 321
- Effettuare un'operazione di barenatura, vedere le pagine 499-500

Usura del bordino esterno



- Ridurre la velocità di taglio
- Aumentare la concentrazione del refrigerante

Posizione foro non soddisfacente



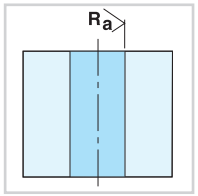
- Ridurre l'avanzamento/giro in entrata
- Ridurre l'avanzamento/giro
- Effettuare un'operazione di barenatura, vedere le pagine 499-500
- Quando si forano superfici grezze, dure o inclinate, ridurre l'avanzamento del 30-50% in fase di entrata e uscita
- Fare centrino con una punta a 140°

Scheggiature al centro



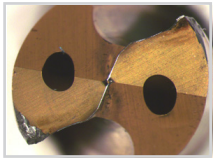
- Ridurre l'avanzamento/giro in entrata
- Ridurre l'avanzamento/giro
- Effettuare un'operazione di barenatura, vedere le pagine 499-500

Cattiva finitura superficiale



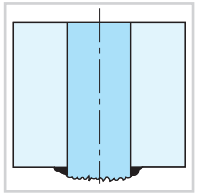
- Ridurre l'avanzamento al giro
- Aumentare la velocità di taglio
- Effettuare un'operazione di alesatura, vedere pagina 321

Scheggiature del tagliente, anche periferiche



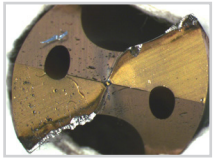
- Ridurre l'avanzamento in fase di entrata e uscita
- Ridurre la velocità di taglio
- Aumentare la concentrazione del refrigerante
- Riaffilare la punta

Bave in uscita



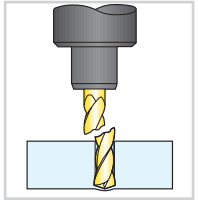
- Ridurre l'avanzamento/giro in fase di uscita
- Ridurre la fascetta di rinforzo del tagliente (BN)

Formazione del tagliente di riporto



- Avvicinandosi alla parte periferica, aumentare la velocità di taglio
- Avvicinandosi al centro, aumentare l'avanzamento/giro
- Se la punta è usurata, riaffilarla

Rottura da contatto/sul fondo del foro



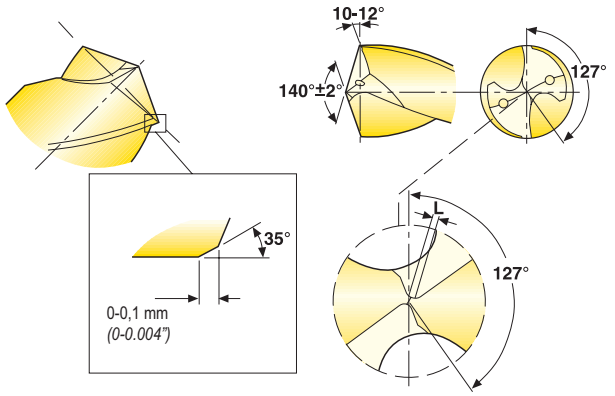
- Ridurre l'avanzamento/giro in fase di entrata e uscita
- Regolare i parametri di taglio per migliorare l'evacuazione dei trucioli

Istruzioni per la riaffilatura di SD1103, SD1103A, SD1105A, SD1108A e SD1112A

Specifiche:
Specifiche della mola diamantata per riaffilatura:
Mantello conico: mola forma 12A2 Dimensione grana D54 (figura 1).
Snocciolatura: mola forma 1A1 o 1V1 Dimensione grana D64-D46 (figure 2-3).
Smusso: mola forma 1A1 o 12A2 (figura 1).
Preparazione tagliente: fase negativa o spazzolatura (figura 4).

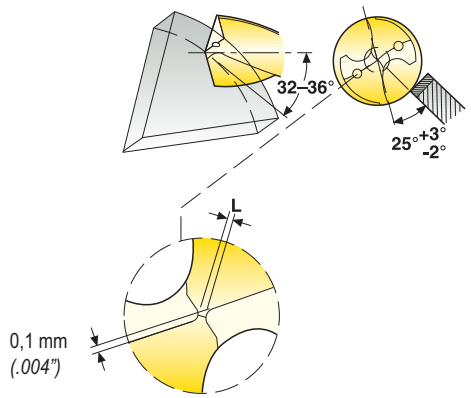
Importante:
- I taglienti devono essere uniformi su tutta la preparazione del tagliente.
- La preparazione dei taglienti deve essere applicata sull'intera lunghezza dei taglienti.

1. Affilatura a quattro sfaccettature



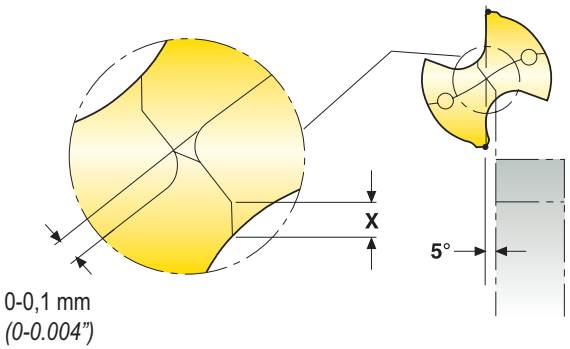
La differenza di altezza tra i due taglienti deve essere max. 0,02 mm *(0,008")*

2. Assottigliamento del nocciolo



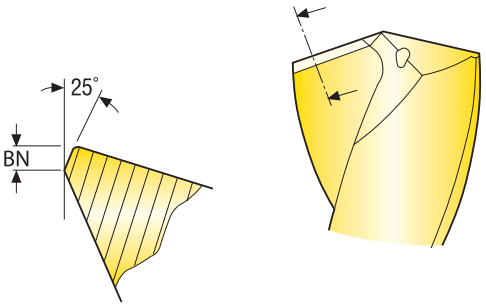
∅ Punta DC mm	L mm	∅ Punta DC *pollici*	L *pollici*
2-10	0,1-0,3	*0.079-0.394*	*0.004-0.012*
10-20	0,2-0,4	*0.394-0.787*	*0.008-0.016*

3. Affilatura del piano X



X = 0,08 x (0,003) x diametro punta DC

4. Preparazione del tagliente



Materiale da lavorare	BN ∅ Punta ≤ 10 mm	> 10 mm	≤ 0.394 *pollici*	> 0.394 *pollici*
Acciaio	0,05	0,10	*0.002*	*0.004*
Acciaio inossidabile	0,05	0,05	*0.002*	*0.002*
Ghisa	0,05	0,10	*0.002*	*0.004*

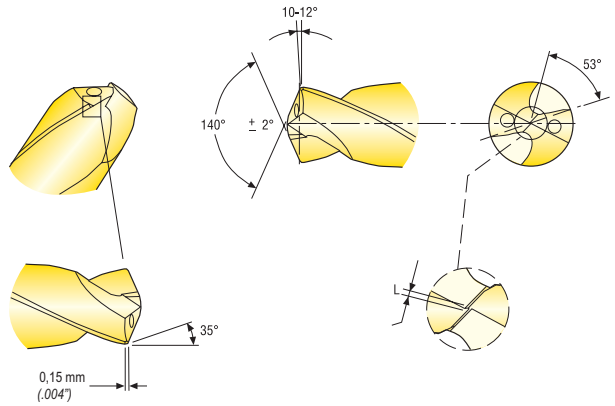
La massima usura sul fianco ammessa prima della riaffilatura è di 0,1-0,3 mm *(0,004-0,012")*, misurata al punto più largo.

Istruzioni per la riaffilatura di SD203A, SD205A e SD207A, geometria -P

Specifiche:
Specifiche della mola diamantata per riaffilatura:
Spoglia conica: mola forma 12A2 Dimensione grana D54 (figura 1).
Snocciolatura: mola forma 1A1 o 1V1 Dimensione grana D64-D46 (figure 2-3).
Smusso: mola forma 1A1 o 12A2 (figura 1).
Preparazione tagliente: fase negativa o spazzolatura (figura 4).

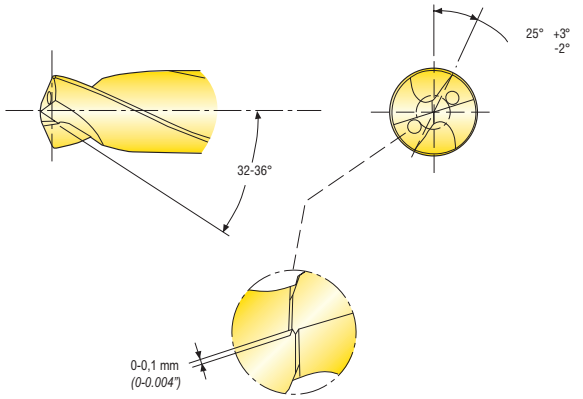
Importante:
- I taglienti devono essere uniformi su tutta la preparazione del tagliente.
- La preparazione del tagliente deve essere applicata sull'intera lunghezza dei taglienti.

1. Riaffilatura delle spoglie



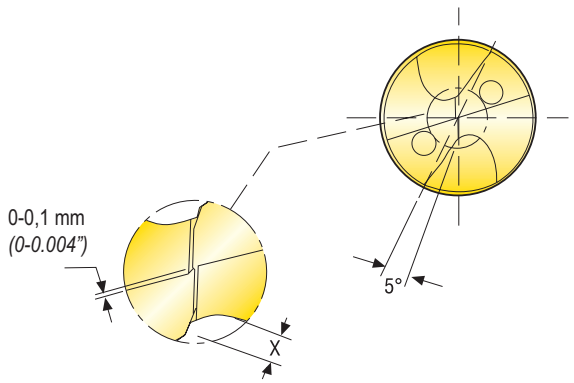
La differenza di altezza tra i due taglienti deve essere max. 0,02 mm *(0,008")*

2. Assottigliamento del nocciolo



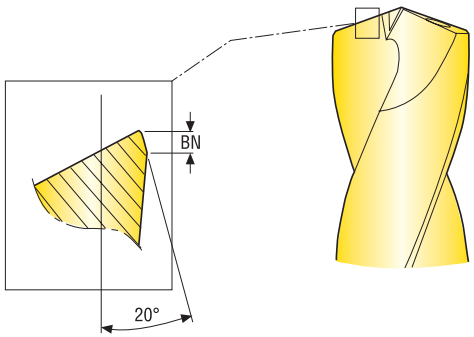
∅ Punta DC mm	L mm	∅ Punta DC *pollici*	L *pollici*
2-10	0,1-0,3	*0.079-0.394*	*0.004-0.012*
10-20	0,2-0,4	*0.394-0.787*	*0.008-0.016*

3. Affilatura del piano X



X = 0,08 x (0,003) x diametro punta DC

4. Preparazione del tagliente



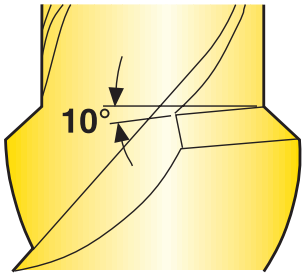
Materiale da lavorare	BN ∅ Punta ≤ 10 mm	BN ∅ Punta > 10 mm	BN ∅ Punta ≤ 0.394 *pollici*	BN ∅ Punta > 0.394 *pollici*
Acciaio	0,05	0,10	*0.002*	*0.004*
Acciaio inossidabile	0,05	0,05	*0.002*	*0.002*
Ghisa	0,05	0,10	*0.002*	*0.004*

La massima usura sul fianco ammessa prima della riaffilatura è di 0,1-0,3 mm *(0,004-0,012")*, misurata al punto più largo.

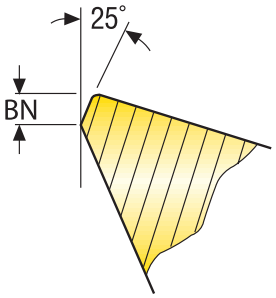
Istruzioni per la riaffilatura di punte per smussi

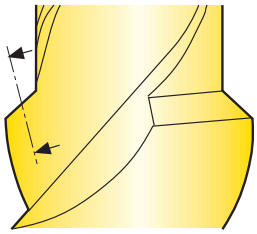
Le istruzioni per la riaffilatura sono le stesse delle punte SD203, SD203A, SD205A e SD207A, eccetto che per lo smusso.

1. Angolo di spoglia dello smusso



2. Preparazione tagliente, smusso





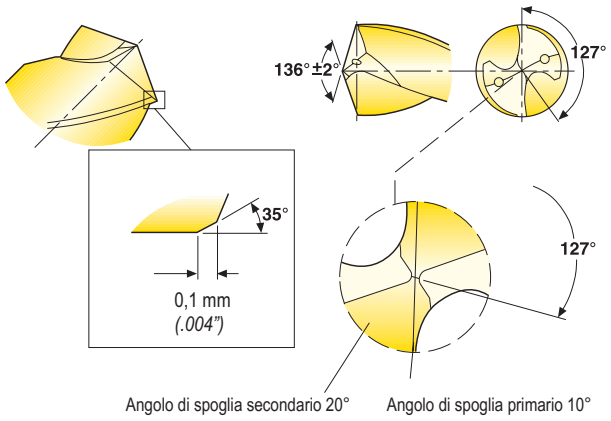
Materiale da lavorare	BN ∅ Punta			
	≤ 10 mm	> 10 mm	≤ 0.394 *pollici*	> 0.394 *pollici*
Acciaio	0,05	0,05	*0.002*	*0.002*
Acciaio inossidabile	0,05	0,05	*0.002*	*0.002*
Ghisa	0,05	0,05	*0.002*	*0.002*

Istruzioni per la riaffilatura di SD212A, SD216A, SD220A, SD225A e SD230A

Specifiche:
Specifiche della mola diamantata per riaffilatura:
Mantello conico: mola forma 11V9 Dimensione grana D54 (figura 1).
Snocciolatura: mola forma 1A1 o 1V1 Dimensione grana D64-D46 (figure 2-3).
Smusso: mola forma 1A1 o 12A2 (figura 1).
Preparazione tagliente: fase negativa o spazzolatura (figura 4).

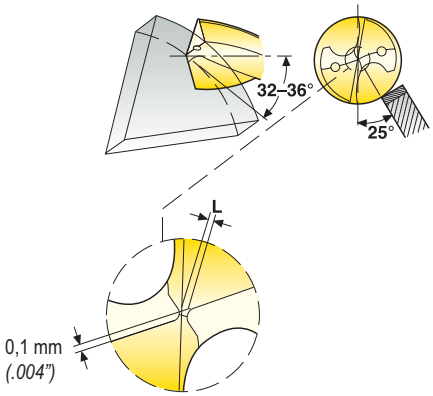
Importante:
- I taglienti devono essere uniformi su tutta la preparazione del tagliente.
- La preparazione dei taglienti deve essere applicata sull'intera lunghezza dei taglienti.

1. Riaffilatura delle spoglie



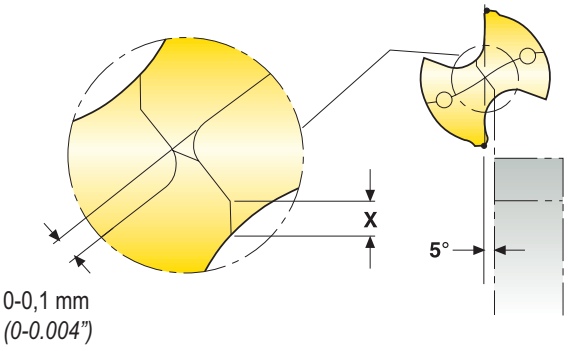
La differenza di altezza tra i due taglienti deve essere max. 0,02 mm *(0,008")*

2. Assottigliamento del nocciolo



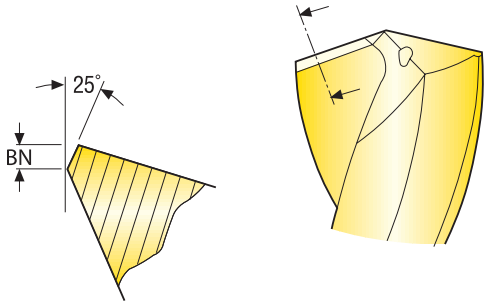
∅ Punta DC mm	L mm	∅ Punta DC *pollici*	L *pollici*
2-10	0,2	*0.079-0.394*	*0.008*
10-20	0,4	*0.394-0.787*	*0.016*

3. Affilatura del piano X



X = 0,08 x (0,003) x diametro punta DC

4. Preparazione del tagliente

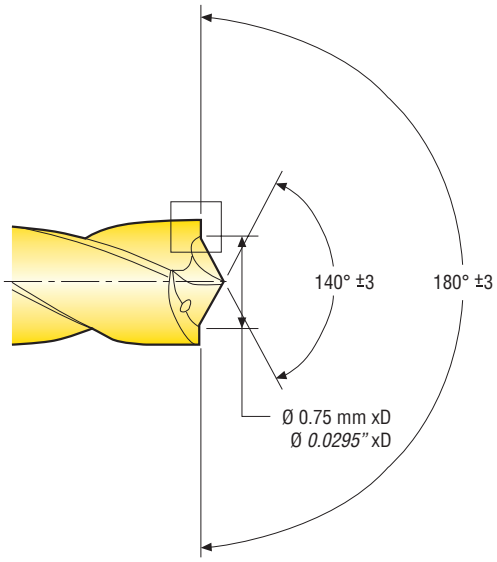


Materiale da lavorare	BN ∅ Punta ≤ 10 mm	BN ∅ Punta > 10 mm	BN ∅ Punta ≤ 0.394 *pollici*	BN ∅ Punta > 0.394 *pollici*
Acciaio	0,05	0,10	*0.002*	*0.004*
Acciaio inossidabile	0,05	0,05	*0.002*	*0.002*
Ghisa	0,05	0,10	*0.002*	*0.004*

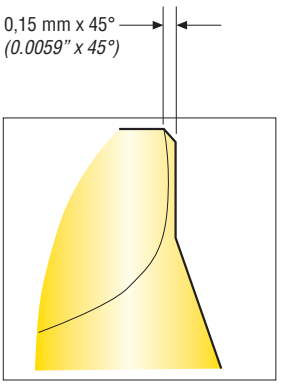
La massima usura sul fianco ammessa prima della riaffilatura è di 0,1-0,3 mm *(0,004-0,012")*, misurata al punto più largo.

Istruzioni per la riaffilatura di SD243, SD243A, SD245A e SD247A

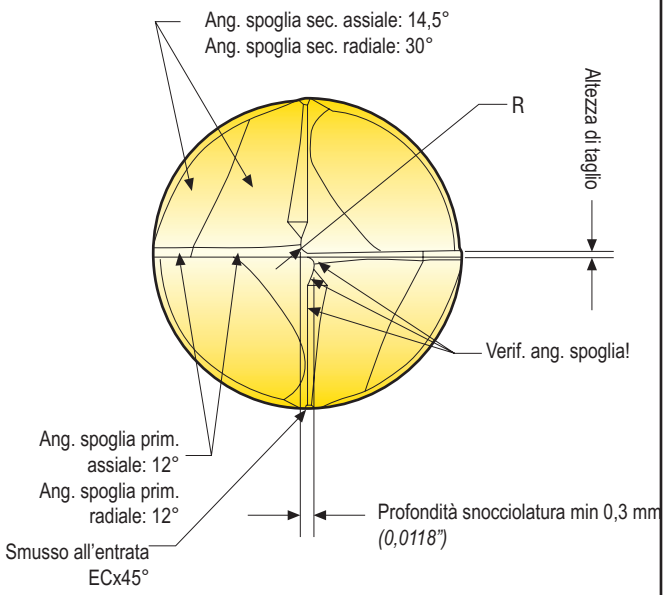
1. Angolo di punta



2. Smusso

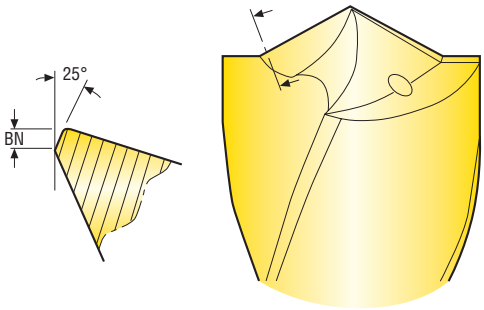


3.



Dimensioni in mm *(pollici)*	Altezza di taglio mm *(pollici)*	R mm *(pollici)*	EC mm *(pollici)*
– 10 *(0.3937)*	0,2 *(0.0079)*	0,2 *(0.0079)*	0,3 *(0.0118)*
10,01 *(0.3941)* –	0,3 *(0.0118)*	0,4 *(0.0157)*	0,5 *(0.0197)*

4. Preparazione del tagliente



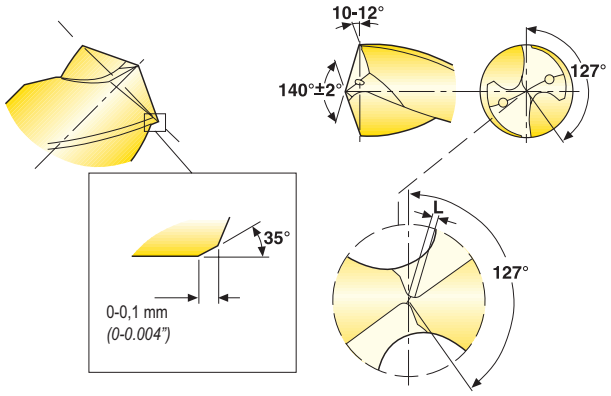
Materiale da lavorare	BN ∅ Punta			
	≤ 10 mm	> 10 mm	≤ 0.394 *pollici*	> 0.394 *pollici*
Acciaio	0,05	0,10	*0.002*	*0.004*
Acciaio inossidabile	0,05	0,05	*0.002*	*0.002*
Ghisa	0,05	0,10	*0.002*	*0.004*

Istruzioni per la riaffilatura di SD265A

Specifiche:
Specifiche della mola diamantata per riaffilatura:
Spoglia conica: mola forma 12A2 Dimensione grana D54 (figura 1).
Snocciolatura: mola forma 1A1 o 1V1 Dimensione grana D64-D46 (figure 2-3).
Smusso: mola forma 1A1 o 12A2 (figura 1).
Preparazione tagliente: fase negativa o spazzolatura (figura 4).

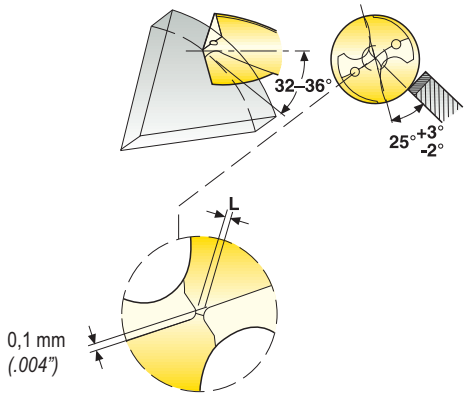
Importante:
- I taglienti devono essere uniformi su tutta la preparazione del tagliente.
- La preparazione dei taglienti deve essere applicata sull'intera lunghezza dei taglienti.

1. Riaffilatura delle spoglie



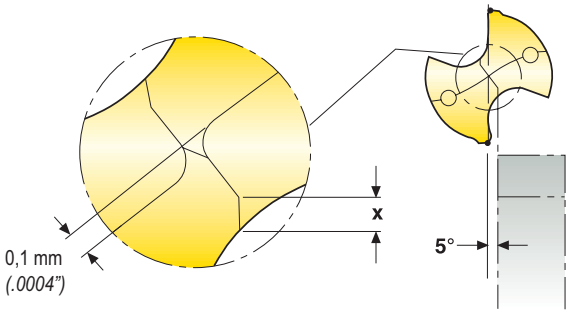
La differenza di altezza tra i due taglienti deve essere max. 0,02 mm *(0,008")*

2. Assottigliamento del nocciolo



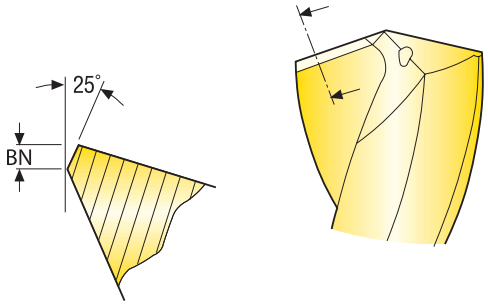
∅ Punta DC mm	L mm	∅ Punta DC *pollici*	L *pollici*
2-10	0,2	*0.079-0.394*	*0.008*
10-20	0,4	*0.394-0.787*	*0.016*

3. Affilatura del piano X



X = 0,08 x (0,003) x diametro punta DC

4. Preparazione del tagliente



Materiale da lavorare	BN ∅ Punta ≤ 10 mm	BN ∅ Punta > 10 mm	BN ∅ Punta ≤ 0.394 *pollici*	BN ∅ Punta > 0.394 *pollici*
Acciaio	0,05	0,10	*0.002*	*0.004*
Acciaio inossidabile	0,05	0,05	*0.002*	*0.002*
Ghisa	0,05	0,10	*0.002*	*0.004*

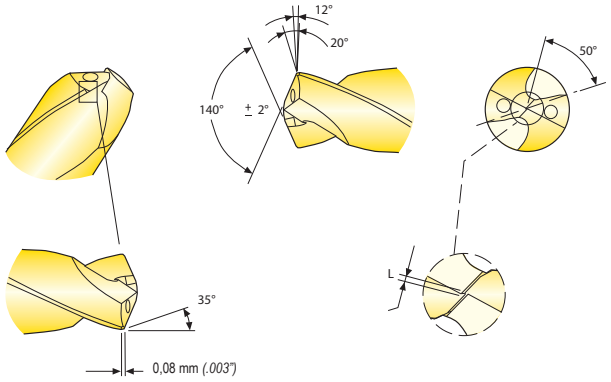
La massima usura sul fianco ammessa prima della riaffilatura è di 0,1-0,3 mm *(0,004-0,012")*, misurata al punto più largo.

Istruzioni per la riaffilatura di punte con geometria -MS

Specifiche:
Specifiche della mola diamantata per riaffilatura:
Spoglia conica: mola forma 12A2 Dimensione grana D54 (figura 1).
Snocciolatura: mola forma 1A1 o 1V1 Dimensione grana D64-D46 (figure 2-3).
Smusso: mola forma 1A1 o 12A2 (figura 1).
Preparazione tagliente: fase negativa o spazzolatura (figura 4).

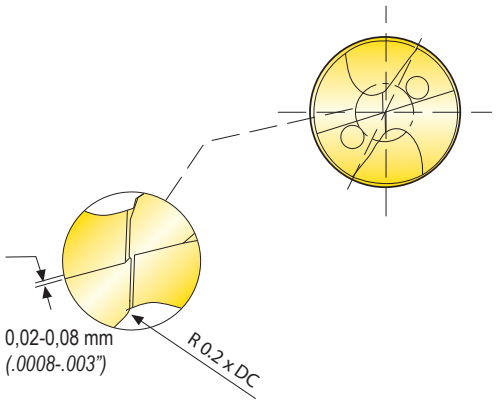
Importante:
- I taglienti devono essere uniformi su tutta la preparazione del tagliente.
- La preparazione dei taglienti deve essere applicata sull'intera lunghezza dei taglienti.

1. Quattro sfaccettature

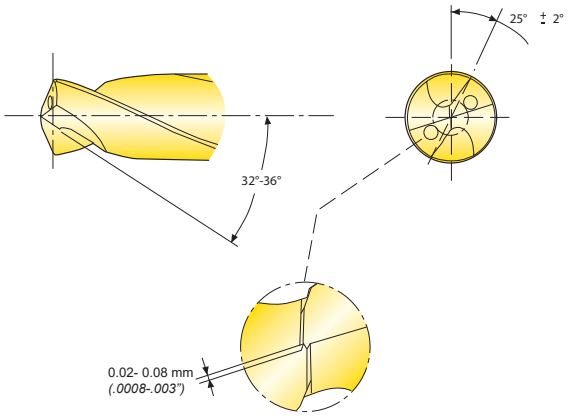


La differenza di altezza tra i due taglienti deve essere max. 0,02 mm *(0,008")*

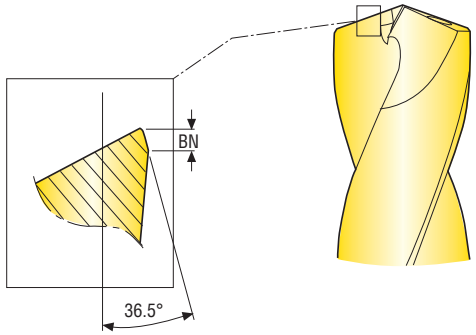
2. Affilatura del raggio R



3. Assottigliamento del nocciolo



4. Preparazione del tagliente



∅ Punta DC mm	BN mm	∅ Punta DC *pollici*	BN *pollici*
2-3	0,2	*0.079-0.118*	*0.00787*
3-6	0,025	*0.118-0.236*	*0.00098*
6-10	0,04	*0.236-0.394*	*0.00157*
10-20	0,055	*0.394-0.787*	*0.00216*
20-	0,07	*0.787-*	*0.00275*

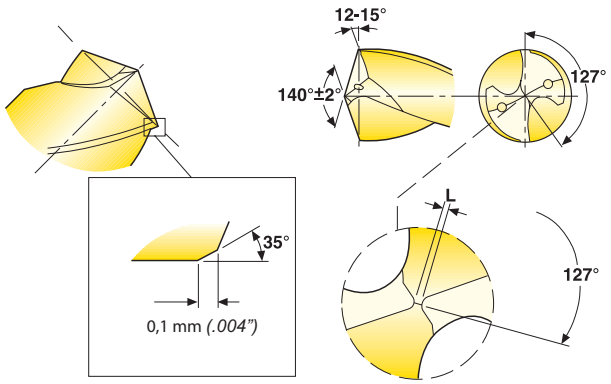
La massima usura sul fianco ammessa prima della riaffilatura è di 0,1-0,3 mm *(0,004-0,012")*, misurata al punto più largo.

Istruzioni per la riaffilatura di punte con geometria -M e -T

Specifiche:
Specifiche della mola diamantata per riaffilatura:
Spoglia conica: mola forma 12A2 Dimensione grana D54 (figura 1).
Snocciolatura: mola forma 1A1 o 1V1 Dimensione grana D64-D46 (figure 2-3).
Smusso: mola forma 1A1 o 12A2 (figura 1).
Preparazione tagliente: fase negativa o spazzolatura (figura 4).

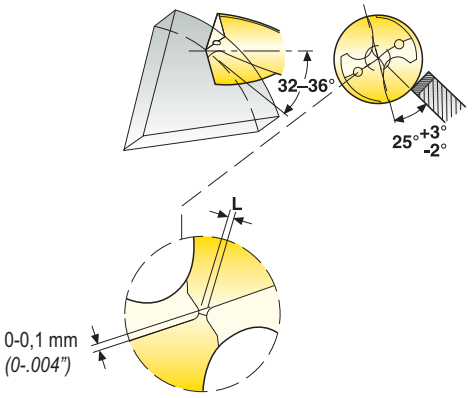
Importante:
- I taglienti devono essere uniformi su tutta la preparazione del tagliente.
- La preparazione dei taglienti deve essere applicata sull'intera lunghezza dei taglienti.

1. Riaffilatura delle spoglie



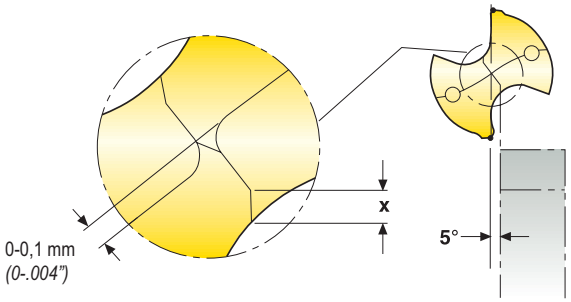
La differenza di altezza tra i due taglienti deve essere max. 0,01 mm *(0,0004")*

2. Assottigliamento del nocciolo

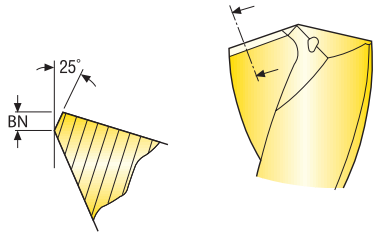


∅ Punta DC mm	L mm	∅ Punta DC *pollici*	L *pollici*
3-6	0,1-0,2	*0.118-0.236*	*0.004-0.008*
6-10	0,13-0,27	*0.236-0.394*	*0.005-0.011*
10-20	0,2-0,4	*0.394-0.787*	*0.008-0.016*

3. Affilatura del piano X



4. Preparazione del tagliente



BN = 0,02 mm *(0.008")*

La massima usura sul fianco ammessa prima della riaffilatura è di 0,1-0,3 mm *(0,004-0,012")*, misurata al punto più largo.

SD1103 – ∅ 3-20 mm / *0.118-0.787 pollici*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	105 *345*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	105 *345*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	90 *295*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	85 *280*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	75 *245*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	46 *150*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	55 *180*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	45 *150*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	70 *230*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	60 *195*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	50 *165*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	49 *160*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	29 *95*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	24 *80*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	45 *150*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	24 *80*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	45 *150*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	60 *195*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	27 *90*

SMG = Gruppo materiale Seco
f = mm/giro
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

SD1103A – ∅ **3-20 mm /** *0.118-0.787 pollici*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	150 *490*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	145 *475*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	125 *410*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	110 *360*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	105 *345*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	120 *395*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	110 *360*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	105 *345*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	50 *165*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	80 *260*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	65 *215*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	48 *155*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	36 *120*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	30 *100*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	95 *310*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	70 *230*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	39 *130*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	260 *850*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	170 *560*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	110 *360*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	210 *690*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	34 *110*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	65 *215*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	34 *110*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	65 *215*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	80 *260*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	38 *125*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD1105A – ∅ 3-20 mm / *0.118-0.787 pollici*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	135 *445*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	135 *445*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	115 *375*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	100 *330*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	95 *310*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	110 *360*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	100 *330*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	95 *310*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	48 *155*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	70 *230*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	60 *195*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	44 *145*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	33 *110*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	27 *90*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	85 *280*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	60 *195*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	36 *120*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	240 *790*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	155 *510*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	100 *330*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	190 *620*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	31 *100*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	60 *195*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	31 *100*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	60 *195*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	75 *245*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	35 *115*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD1108A – ∅ 3-20 mm / *0.118-0.787 pollici*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	120 *395*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	115 *375*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	100 *330*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	85 *280*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	85 *280*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	95 *310*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	90 *295*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	85 *280*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	60 *195*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	42 *140*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	60 *195*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	50 *165*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	38 *125*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	29 *95*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	24 *80*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	75 *245*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	65 *215*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	55 *180*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	50 *165*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	31 *100*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	205 *670*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	135 *445*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	90 *295*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	165 *540*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	27 *90*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	50 *165*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	27 *90*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	50 *165*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	65 *215*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	30 *100*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

Quando si esegue la foratura su acciaio inossidabile con 8xD e 12xD, potrebbe essere necessaria un'operazione di pre-foratura

SD1112A – ∅ 3-20 mm / *0.118-0.787 pollici*

SMG	f										v_c
	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	100 *330*
P2	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,36 *0.014*	100 *330*
P3	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	85 *280*
P4	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P5	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	70 *230*
P6	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	80 *260*
P7	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	75 *245*
P8	0,11 *0.0044*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,34 *0.013*	70 *230*
P11	0,11 *0.0044*	0,12 *0.0048*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	50 *165*
P12	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	36 *120*
M1	0,080 *0.0032*	0,095 *0.0038*	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	55 *180*
M2	0,070 *0.0028*	0,085 *0.0034*	0,12 *0.0048*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	43 *140*
M3	0,055 *0.0022*	0,070 *0.0028*	0,095 *0.0038*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	33 *110*
M4	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	25 *80*
M5	0,050 *0.0020*	0,060 *0.0024*	0,085 *0.0034*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	21 *70*
K1	0,12 *0.0048*	0,14 *0.0055*	0,18 *0.0070*	0,22 *0.0085*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,34 *0.013*	0,36 *0.014*	65 *215*
K2	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	55 *180*
K3	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	47 *155*
K4	0,11 *0.0044*	0,13 *0.0050*	0,16 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	45 *150*
K5	0,10 *0.0040*	0,11 *0.0044*	0,15 *0.0060*	0,18 *0.0070*	0,20 *0.0080*	0,24 *0.0095*	0,25 *0.010*	0,28 *0.011*	0,28 *0.011*	0,30 *0.012*	27 *90*
N1	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	180 *590*
N2	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	115 *375*
N3	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	75 *245*
N11	0,15 *0.0060*	0,17 *0.0065*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	145 *475*
H3	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	23 *75*
H5	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	43 *140*
H7	0,048 *0.0019*	0,055 *0.0022*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	0,14 *0.0055*	0,15 *0.0060*	23 *75*
H8	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	43 *140*
H11	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	55 *180*
H12	0,055 *0.0022*	0,065 *0.0026*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,17 *0.0065*	26 *85*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

Quando si esegue la foratura su acciaio inossidabile con 8xD e 12xD, potrebbe essere necessaria un'operazione di pre-foratura

SD203A – ∅ 2-8 mm / *0.079-0.315 pollici*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P1	P	0,14	0,17	0,20	0,24	0,26	0,32	185
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*610*
P2	P	0,14	0,17	0,20	0,24	0,26	0,32	180
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*590*
P3	P	0,14	0,16	0,19	0,22	0,25	0,32	155
	P	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*510*
P4	P	0,10	0,13	0,15	0,17	0,19	0,24	210
	P	*0.0040*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*690*
P5	P	0,10	0,12	0,14	0,17	0,19	0,22	205
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*670*
P6	P	0,10	0,12	0,14	0,16	0,19	0,22	230
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*750*
P7	P	0,10	0,12	0,14	0,16	0,19	0,22	215
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*710*
P8	P	0,11	0,13	0,15	0,17	0,19	0,24	200
	P	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*660*
P11	P	0,060	0,075	0,085	0,10	0,11	0,14	105
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*345*
P12	P	0,060	0,075	0,085	0,10	0,11	0,14	75
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*245*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	110
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	90
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	45
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*150*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	50
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	42
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
K1	P	0,15	0,18	0,22	0,25	0,28	0,36	175
	P	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.014*	*570*
K2	P	0,14	0,17	0,20	0,22	0,26	0,32	150
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*490*
K3	P	0,14	0,17	0,20	0,22	0,26	0,32	125
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*410*
K4	P	0,14	0,17	0,20	0,22	0,26	0,32	120
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*395*
K5	P	0,12	0,15	0,18	0,20	0,24	0,28	70
	P	*0.0048*	*0.0060*	*0.0070*	*0.0080*	*0.0095*	*0.011*	*230*
N1	N	0,13	0,16	0,19	0,22	0,26	0,32	350
	N	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1150*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	225
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	150
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	285
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	39
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	MS	0,070	0,085	0,095	0,11	0,12	0,14	70
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	MS	0,070	0,085	0,095	0,11	0,12	0,14	55
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	MS	0,065	0,075	0,085	0,095	0,10	0,12	43
	MS	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*
H3	P	0,055	0,070	0,080	0,090	0,10	0,12	28
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*90*
H5	P	0,085	0,10	0,12	0,13	0,15	0,18	55
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*180*
H7	P	0,055	0,070	0,080	0,090	0,10	0,12	28
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*90*
H8	P	0,065	0,080	0,090	0,10	0,12	0,14	55
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*180*
H11	P	0,085	0,10	0,12	0,13	0,15	0,18	65
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*215*
H12	P	0,065	0,080	0,090	0,10	0,12	0,14	80
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*260*
H21	P	0,065	0,080	0,090	0,10	0,12	0,14	55
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*180*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD203A – ∅ 10-20 mm / *0.394-0.787 pollici*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P *P*	0,38 *0.015*	0,44 *0.017*	0,48 *0.019*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	185 *610*
P2	P *P*	0,38 *0.015*	0,44 *0.017*	0,48 *0.019*	0,50 *0.020*	0,55 *0.022*	0,60 *0.024*	180 *590*
P3	P *P*	0,36 *0.014*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,50 *0.020*	0,55 *0.022*	155 *510*
P4	P *P*	0,28 *0.011*	0,30 *0.012*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	210 *690*
P5	P *P*	0,26 *0.010*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	205 *670*
P6	P *P*	0,26 *0.010*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	230 *750*
P7	P *P*	0,26 *0.010*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	215 *710*
P8	P *P*	0,28 *0.011*	0,32 *0.013*	0,34 *0.013*	0,36 *0.014*	0,38 *0.015*	0,40 *0.016*	200 *660*
P11	P *P*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	105 *345*
P12	P *P*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	75 *245*
M1	MS *MS*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,30 *0.012*	0,32 *0.013*	110 *360*
M2	MS *MS*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	90 *295*
M3	MS *MS*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	0,34 *0.013*	45 *150*
M4	MS *MS*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	50 *165*
M5	MS *MS*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	42 *140*
K1	P *P*	0,42 *0.017*	0,48 *0.019*	0,50 *0.020*	0,55 *0.022*	0,60 *0.024*	0,65 *0.026*	175 *570*
K2	P *P*	0,38 *0.015*	0,42 *0.017*	0,48 *0.019*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	150 *490*
K3	P *P*	0,38 *0.015*	0,42 *0.017*	0,48 *0.019*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	125 *410*
K4	P *P*	0,38 *0.015*	0,42 *0.017*	0,48 *0.019*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	120 *395*
K5	P *P*	0,34 *0.013*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,48 *0.019*	0,50 *0.020*	70 *230*
N1	N *N*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	350 *1150*
N2	MS *MS*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	225 *740*
N3	MS *MS*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	150 *490*
N11	MS *MS*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	285 *940*
S1	MS *MS*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	39 *130*
S2	MS *MS*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	28 *90*
S3	MS *MS*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	28 *90*
S11	MS *MS*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	70 *230*
S12	MS *MS*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	55 *180*
S13	MS *MS*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	43 *140*
H3	P *P*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	28 *90*
H5	P *P*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	55 *180*
H7	P *P*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	28 *90*
H8	P *P*	0,16 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	55 *180*
H11	P *P*	0,22 *0.0085*	0,24 *0.0095*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	0,32 *0.013*	65 *215*
H12	P *P*	0,16 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	80 *260*
H21	P *P*	0,16 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	55 *180*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD205A – ∅ 2-8 mm / *0.079-0.315 pollici*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P1	P	0,14	0,17	0,20	0,24	0,26	0,32	170
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*560*
P2	P	0,14	0,17	0,20	0,24	0,26	0,32	165
	P	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.013*	*540*
P3	P	0,14	0,16	0,19	0,22	0,25	0,32	140
	P	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*460*
P4	P	0,10	0,13	0,15	0,17	0,19	0,24	195
	P	*0.0040*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*640*
P5	P	0,10	0,12	0,14	0,17	0,19	0,22	185
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*610*
P6	P	0,10	0,12	0,14	0,16	0,19	0,22	210
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*690*
P7	P	0,10	0,12	0,14	0,16	0,19	0,22	200
	P	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*660*
P8	P	0,11	0,13	0,15	0,17	0,19	0,24	185
	P	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0075*	*0.0095*	*610*
P11	P	0,060	0,075	0,085	0,10	0,11	0,14	95
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*310*
P12	P	0,060	0,075	0,085	0,10	0,11	0,14	65
	P	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*215*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	110
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	90
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	45
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*150*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	50
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	42
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
K1	P	0,15	0,18	0,22	0,25	0,28	0,36	160
	P	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.014*	*520*
K2	P	0,14	0,17	0,20	0,22	0,26	0,32	135
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*445*
K3	P	0,14	0,17	0,20	0,22	0,26	0,32	115
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*375*
K4	P	0,14	0,17	0,20	0,22	0,26	0,32	110
	P	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.013*	*360*
K5	P	0,12	0,15	0,18	0,20	0,24	0,28	65
	P	*0.0048*	*0.0060*	*0.0070*	*0.0080*	*0.0095*	*0.011*	*215*
N1	N	0,13	0,16	0,19	0,22	0,26	0,32	350
	N	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1150*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	225
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	150
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	285
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	39
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	MS	0,070	0,085	0,095	0,11	0,12	0,14	70
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	MS	0,070	0,085	0,095	0,11	0,12	0,14	55
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	MS	0,065	0,075	0,085	0,095	0,10	0,12	43
	MS	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*
H3	P	0,055	0,070	0,080	0,090	0,10	0,12	26
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*85*
H5	P	0,085	0,10	0,12	0,13	0,15	0,18	48
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*155*
H7	P	0,055	0,070	0,080	0,090	0,10	0,12	26
	P	*0.0022*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*85*
H8	P	0,065	0,080	0,090	0,10	0,12	0,14	48
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*155*
H11	P	0,085	0,10	0,12	0,13	0,15	0,18	60
	P	*0.0034*	*0.0040*	*0.0048*	*0.0050*	*0.0060*	*0.0070*	*195*
H12	P	0,065	0,080	0,090	0,10	0,12	0,14	70
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*230*
H21	P	0,065	0,080	0,090	0,10	0,12	0,14	48
	P	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*155*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD205A – ∅ 10-20 mm / *0.394-0.787 pollici*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,38	0,44	0,48	0,50	0,55	0,55	170
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*560*
P2	P	0,38	0,44	0,48	0,50	0,55	0,60	165
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*540*
P3	P	0,36	0,42	0,46	0,50	0,50	0,55	140
	P	*0.014*	*0.017*	*0.018*	*0.020*	*0.020*	*0.022*	*460*
P4	P	0,28	0,30	0,34	0,36	0,38	0,40	195
	P	*0.011*	*0.012*	*0.013*	*0.014*	*0.015*	*0.016*	*640*
P5	P	0,26	0,30	0,32	0,34	0,36	0,38	185
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*610*
P6	P	0,26	0,30	0,32	0,34	0,36	0,38	210
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*690*
P7	P	0,26	0,30	0,32	0,34	0,36	0,38	200
	P	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*660*
P8	P	0,28	0,32	0,34	0,36	0,38	0,40	185
	P	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*610*
P11	P	0,16	0,18	0,20	0,22	0,24	0,24	95
	P	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*310*
M1	MS	0,22	0,25	0,28	0,30	0,30	0,32	110
	MS	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*360*
M2	MS	0,20	0,22	0,25	0,26	0,28	0,30	90
	MS	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*295*
M3	MS	0,24	0,26	0,28	0,30	0,32	0,34	45
	MS	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*150*
M4	MS	0,14	0,16	0,17	0,19	0,20	0,20	50
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*165*
M5	MS	0,14	0,16	0,17	0,19	0,20	0,20	42
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*140*
K1	P	0,42	0,48	0,50	0,55	0,60	0,65	160
	P	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*0.026*	*520*
K2	P	0,38	0,42	0,48	0,50	0,55	0,55	135
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*445*
K3	P	0,38	0,42	0,48	0,50	0,55	0,55	115
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*375*
K4	P	0,38	0,42	0,48	0,50	0,55	0,55	110
	P	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*360*
K5	P	0,34	0,38	0,42	0,46	0,48	0,50	65
	P	*0.013*	*0.015*	*0.017*	*0.018*	*0.019*	*0.020*	*215*
N1	N	0,38	0,42	0,46	0,50	0,55	0,55	350
	N	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1150*
N2	MS	0,38	0,42	0,46	0,50	0,55	0,55	225
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*740*
N3	MS	0,38	0,42	0,46	0,50	0,55	0,55	150
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*490*
N11	MS	0,38	0,42	0,46	0,50	0,55	0,55	285
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*940*
S1	MS	0,11	0,13	0,15	0,16	0,17	0,19	39
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*130*
S2	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S3	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S11	MS	0,17	0,19	0,22	0,24	0,25	0,26	70
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*230*
S12	MS	0,17	0,19	0,22	0,24	0,25	0,26	55
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*180*
S13	MS	0,15	0,17	0,19	0,20	0,22	0,22	43
	MS	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*140*
H3	P	0,14	0,16	0,18	0,19	0,20	0,20	26
	P	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*85*
H5	P	0,22	0,24	0,26	0,28	0,30	0,32	48
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*155*
H7	P	0,14	0,16	0,18	0,19	0,20	0,20	26
	P	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*85*
H8	P	0,16	0,19	0,20	0,22	0,24	0,24	48
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*155*
H11	P	0,22	0,24	0,26	0,28	0,30	0,32	60
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*195*
H12	P	0,16	0,19	0,20	0,22	0,24	0,24	70
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*230*
H21	P	0,16	0,19	0,20	0,22	0,24	0,24	48
	P	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*155*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD206 – ∅ 0,7-2 mm / *0.0276-0.0787 pollici*

SMG		f			v_c
		Ø 0,70 *Ø 0.0276*	Ø 1,00 *Ø 0.0394*	Ø 2,00 *Ø 0,0787*	
P1	P *P*	0,080 *0.0032*	0,090 *0.0036*	0,11 *0.0044*	140 *460*
P2	P *P*	0,085 *0.0034*	0,090 *0.0036*	0,12 *0.0048*	140 *460*
P3	P *P*	0,080 *0.0032*	0,085 *0.0034*	0,11 *0.0044*	120 *395*
P4	P *P*	0,080 *0.0032*	0,085 *0.0034*	0,11 *0.0044*	105 *345*
P5	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	100 *330*
P6	P *P*	0,075 *0.0030*	0,080 *0.0032*	0,10 *0.0040*	110 *360*
P7	P *P*	0,075 *0.0030*	0,080 *0.0032*	0,10 *0.0040*	105 *345*
P8	P *P*	0,080 *0.0032*	0,085 *0.0034*	0,11 *0.0044*	100 *330*
P11	P *P*	0,075 *0.0030*	0,080 *0.0032*	0,10 *0.0040*	105 *345*
P12	P *P*	0,050 *0.0020*	0,055 *0.0022*	0,070 *0.0028*	60 *195*
K1	P *P*	0,085 *0.0034*	0,090 *0.0036*	0,12 *0.0048*	100 *330*
K2	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	85 *280*
K3	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	75 *245*
K4	P *P*	0,075 *0.0030*	0,085 *0.0034*	0,11 *0.0044*	70 *230*
K5	P *P*	0,070 *0.0028*	0,075 *0.0030*	0,095 *0.0038*	42 *140*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD206A – ∅ 1-2 mm / *0.0394-0.0787 pollici*

SMG		f			v_c
		Ø 1,00 *Ø 0.0394*	Ø 1,50 *Ø 0.0591*	Ø 2,00 *Ø 0.0787*	
P1	P *P*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	175 *570*
P2	P *P*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	170 *560*
P3	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	145 *475*
P4	P *P*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	130 *425*
P5	P *P*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	125 *410*
P6	P *P*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	140 *460*
P7	P *P*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	130 *425*
P8	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	125 *410*
P11	P *P*	0,080 *0.0032*	0,095 *0.0038*	0,10 *0.0040*	125 *410*
P12	P *P*	0,055 *0.0022*	0,065 *0.0026*	0,070 *0.0028*	75 *245*
M1	P *P*	0,055 *0.0022*	0,065 *0.0026*	0,075 *0.0030*	95 *310*
M2	P *P*	0,050 *0.0020*	0,060 *0.0024*	0,070 *0.0028*	75 *245*
M3	P *P*	0,042 *0.0017*	0,048 *0.0019*	0,055 *0.0022*	60 *195*
M4	P *P*	0,036 *0.0014*	0,042 *0.0017*	0,048 *0.0019*	43 *140*
M5	P *P*	0,036 *0.0014*	0,042 *0.0017*	0,048 *0.0019*	36 *120*
K1	P *P*	0,095 *0.0038*	0,11 *0.0044*	0,12 *0.0048*	115 *375*
K2	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	100 *330*
K3	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	85 *280*
K4	P *P*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	80 *260*
K5	P *P*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	47 *155*
N2	P *P*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	190 *620*
N3	P *P*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	125 *410*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD207A – ∅ 3-20 mm / *0.118-0.787 pollici*

SMG		f										v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,17	0,24	0,26	0,32	0,38	0,44	0,48	0,50	0,55	0,55	155
	P	*0.0065*	*0.0095*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*510*
P2	P	0,17	0,24	0,26	0,32	0,38	0,44	0,48	0,50	0,55	0,60	155
	P	*0.0065*	*0.0095*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*510*
P3	P	0,16	0,22	0,25	0,32	0,36	0,42	0,46	0,50	0,50	0,55	130
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.014*	*0.017*	*0.018*	*0.020*	*0.020*	*0.022*	*425*
P4	P	0,13	0,17	0,19	0,24	0,28	0,30	0,34	0,36	0,38	0,40	180
	P	*0.0050*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*0.013*	*0.014*	*0.015*	*0.016*	*590*
P5	P	0,12	0,17	0,19	0,22	0,26	0,30	0,32	0,34	0,36	0,38	175
	P	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*570*
P6	P	0,12	0,16	0,19	0,22	0,26	0,30	0,32	0,34	0,36	0,38	195
	P	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*640*
P7	P	0,12	0,16	0,19	0,22	0,26	0,30	0,32	0,34	0,36	0,38	185
	P	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*610*
P8	P	0,13	0,17	0,19	0,24	0,28	0,32	0,34	0,36	0,38	0,40	175
	P	*0.0050*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*570*
P11	P	0,075	0,10	0,11	0,14	0,16	0,18	0,20	0,22	0,24	0,24	90
	P	*0.0030*	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*295*
M1	P	0,095	0,13	0,15	0,19	0,22	0,25	0,28	0,30	0,30	0,32	50
	P	*0.0038*	*0.0050*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*165*
M2	P	0,085	0,12	0,14	0,17	0,20	0,22	0,25	0,26	0,28	0,30	41
	P	*0.0034*	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*135*
M3	P	0,065	0,095	0,11	0,14	0,16	0,18	0,20	0,22	0,22	0,24	31
	P	*0.0026*	*0.0038*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*100*
M4	P	0,060	0,085	0,095	0,12	0,14	0,16	0,17	0,19	0,20	0,20	24
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*80*
M5	P	0,060	0,085	0,095	0,12	0,14	0,16	0,17	0,19	0,20	0,20	20
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*65*
K1	P	0,18	0,25	0,28	0,36	0,42	0,48	0,50	0,55	0,60	0,65	150
	P	*0.0070*	*0.010*	*0.011*	*0.014*	*0.017*	*0.019*	*0.020*	*0.022*	*0.024*	*0.026*	*490*
K2	P	0,17	0,22	0,26	0,32	0,38	0,42	0,48	0,50	0,55	0,55	130
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*425*
K3	P	0,17	0,22	0,26	0,32	0,38	0,42	0,48	0,50	0,55	0,55	110
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*360*
K4	P	0,17	0,22	0,26	0,32	0,38	0,42	0,48	0,50	0,55	0,55	105
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.019*	*0.020*	*0.022*	*0.022*	*345*
K5	P	0,15	0,20	0,24	0,28	0,34	0,38	0,42	0,46	0,48	0,50	60
	P	*0.0060*	*0.0080*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.017*	*0.018*	*0.019*	*0.020*	*195*
H3	P	0,070	0,090	0,10	0,12	0,14	0,16	0,18	0,19	0,20	0,20	24
	P	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*80*
H5	P	0,10	0,13	0,15	0,18	0,22	0,24	0,26	0,28	0,30	0,32	45
	P	*0.0040*	*0.0050*	*0.0060*	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*150*
H7	P	0,070	0,090	0,10	0,12	0,14	0,16	0,18	0,19	0,20	0,20	24
	P	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*80*
H8	P	0,080	0,10	0,12	0,14	0,16	0,19	0,20	0,22	0,24	0,24	45
	P	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*150*
H11	P	0,10	0,13	0,15	0,18	0,22	0,24	0,26	0,28	0,30	0,32	60
	P	*0.0040*	*0.0050*	*0.0060*	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*195*
H12	P	0,080	0,10	0,12	0,14	0,16	0,19	0,20	0,22	0,24	0,24	65
	P	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*215*
H21	P	0,080	0,10	0,12	0,14	0,16	0,19	0,20	0,22	0,24	0,24	45
	P	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0095*	*0.0095*	*150*

SMG = Gruppo materiale Seco
f = mm/giro
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

SD2016A-SD2030A – ∅ 3-14 mm / *0.118-0.551 pollici*

SMG		f							v_c
		Ø3,00 *Ø 0.118*	Ø5,00 *Ø 0.197*	Ø6,00 *Ø 0.236*	Ø8,00 *Ø 0.315*	Ø10,00 *Ø 0.394*	Ø12,00 *Ø 0.472*	Ø14,00 *Ø 0.551*	
P1	P	0,13	0,18	0,20	0,25	0,30	0,32	0,36	135
	P	*0.0050*	*0.0070*	*0.0080*	*0.010*	*0.012*	*0.013*	*0.014*	*445*
P2	P	0,14	0,18	0,20	0,26	0,30	0,34	0,36	130
	P	*0.0055*	*0.0070*	*0.0080*	*0.010*	*0.012*	*0.013*	*0.014*	*425*
P3	P	0,13	0,17	0,20	0,24	0,28	0,32	0,34	115
	P	*0.0050*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.013*	*0.013*	*375*
P4	P	0,13	0,17	0,19	0,24	0,28	0,30	0,34	100
	P	*0.0050*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*0.013*	*330*
P5	P	0,12	0,17	0,19	0,24	0,28	0,30	0,34	95
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.011*	*0.012*	*0.013*	*310*
P6	P	0,12	0,17	0,19	0,24	0,26	0,30	0,32	105
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*0.013*	*345*
P7	P	0,12	0,17	0,19	0,24	0,26	0,30	0,32	100
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*0.013*	*330*
P8	P	0,13	0,17	0,20	0,24	0,28	0,32	0,34	95
	P	*0.0050*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.013*	*0.013*	*310*
P11	P	0,12	0,17	0,19	0,24	0,26	0,30	0,32	100
	P	*0.0048*	*0.0065*	*0.0075*	*0.0095*	*0.010*	*0.012*	*0.013*	*330*
P12	P	0,085	0,11	0,13	0,16	0,18	0,20	0,22	60
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*195*
M1	P	0,095	0,13	0,15	0,19	0,22	0,25	0,28	100
	P	*0.0038*	*0.0050*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*330*
M2	P	0,085	0,12	0,14	0,17	0,20	0,22	0,25	80
	P	*0.0034*	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*260*
M3	P	0,070	0,095	0,11	0,14	0,16	0,18	0,20	60
	P	*0.0028*	*0.0038*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*195*
M4	P	0,060	0,085	0,095	0,12	0,14	0,16	0,18	46
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*150*
M5	P	0,060	0,085	0,095	0,12	0,14	0,16	0,18	38
	P	*0.0024*	*0.0034*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*125*
K1	P	0,15	0,22	0,24	0,30	0,36	0,40	0,44	80
	P	*0.0060*	*0.0085*	*0.0095*	*0.012*	*0.014*	*0.016*	*0.017*	*260*
K2	P	0,14	0,19	0,22	0,28	0,32	0,36	0,40	70
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*0.016*	*230*
K3	P	0,14	0,19	0,22	0,28	0,32	0,36	0,40	60
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*0.016*	*195*
K4	P	0,14	0,19	0,22	0,28	0,32	0,36	0,40	55
	P	*0.0055*	*0.0075*	*0.0085*	*0.011*	*0.013*	*0.014*	*0.016*	*180*
K5	P	0,12	0,17	0,20	0,25	0,30	0,32	0,36	33
	P	*0.0048*	*0.0065*	*0.0080*	*0.010*	*0.012*	*0.013*	*0.014*	*110*
N1	P	0,16	0,22	0,26	0,32	0,38	0,42	0,46	105
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.018*	*345*
N2	P	0,16	0,22	0,26	0,32	0,38	0,42	0,46	105
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.018*	*345*
N3	P	0,16	0,22	0,26	0,32	0,38	0,42	0,46	70
	P	*0.0065*	*0.0085*	*0.010*	*0.013*	*0.015*	*0.017*	*0.018*	*230*
S3	P	0,048	0,065	0,075	0,095	0,11	0,13	0,15	25
	P	*0.0019*	*0.0026*	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*80*
S12	P	0,085	0,11	0,12	0,14	0,17	0,19	0,22	35
	P	*0.0034*	*0.0044*	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*115*
H3	P	0,055	0,075	0,085	0,10	0,12	0,14	0,15	33
	P	*0.0022*	*0.0030*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0060*	*110*
H5	P	0,085	0,11	0,13	0,16	0,18	0,20	0,22	60
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*195*
H7	P	0,055	0,075	0,085	0,10	0,12	0,14	0,15	33
	P	*0.0022*	*0.0030*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0060*	*110*
H8	P	0,065	0,085	0,10	0,12	0,14	0,16	0,17	60
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*195*
H11	P	0,085	0,11	0,13	0,16	0,18	0,20	0,22	75
	P	*0.0034*	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*245*
H12	P	0,065	0,085	0,10	0,12	0,14	0,16	0,17	70
	P	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*230*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD2040-2060A – ∅ 3-8 mm / *0.118-0.315 pollici*

SMG	f				v_c
	Ø3,00 *Ø 0.118*	Ø5,00 *Ø 0.197*	Ø6,00 *Ø 0.236*	Ø8,00 *Ø 0.315*	
P1	0,14 *0.0055*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	85 *280*
P2	0,14 *0.0055*	0,19 *0.0075*	0,22 *0.0085*	0,26 *0.010*	85 *280*
P3	0,13 *0.0050*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	70 *230*
P4	0,13 *0.0050*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	65 *215*
P5	0,13 *0.0050*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	60 *195*
P6	0,12 *0.0048*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	65 *215*
P7	0,12 *0.0048*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	65 *215*
P8	0,13 *0.0050*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	60 *195*
P11	0,12 *0.0048*	0,17 *0.0065*	0,19 *0.0075*	0,24 *0.0095*	60 *195*
P12	0,085 *0.0034*	0,12 *0.0048*	0,13 *0.0050*	0,16 *0.0065*	36 *120*
M1	0,095 *0.0038*	0,13 *0.0050*	0,15 *0.0060*	0,19 *0.0075*	37 *120*
M2	0,085 *0.0034*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	30 *100*
M3	0,070 *0.0028*	0,095 *0.0038*	0,11 *0.0044*	0,14 *0.0055*	23 *75*
M4	0,060 *0.0024*	0,085 *0.0034*	0,095 *0.0038*	0,12 *0.0048*	17 *55*
M5	0,060 *0.0024*	0,085 *0.0034*	0,095 *0.0038*	0,12 *0.0048*	14 *46*
K1	0,15 *0.0060*	0,22 *0.0085*	0,25 *0.010*	0,30 *0.012*	43 *140*
K2	0,14 *0.0055*	0,20 *0.0080*	0,22 *0.0085*	0,28 *0.011*	37 *120*
K3	0,14 *0.0055*	0,20 *0.0080*	0,22 *0.0085*	0,28 *0.011*	31 *100*
K4	0,14 *0.0055*	0,20 *0.0080*	0,22 *0.0085*	0,28 *0.011*	30 *100*
K5	0,13 *0.0050*	0,18 *0.0070*	0,20 *0.0080*	0,25 *0.010*	18 *60*
N2	0,16 *0.0065*	0,22 *0.0085*	0,26 *0.010*	0,32 *0.013*	105 *345*
N3	0,16 *0.0065*	0,22 *0.0085*	0,26 *0.010*	0,32 *0.013*	70 *230*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD245A – ∅ 4-16 mm / *0.157-0.630 pollici*

SMG		f							v_c
		Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	
P1	P	0,11	0,15	0,19	0,22	0,26	0,28	0,32	185
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*0.013*	*610*
P2	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	180
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*590*
P3	P	0,11	0,14	0,18	0,22	0,25	0,28	0,30	155
	P	*0.0044*	*0.0055*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*510*
P4	P	0,11	0,14	0,18	0,22	0,24	0,26	0,30	135
	P	*0.0044*	*0.0055*	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.012*	*445*
P5	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	130
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*425*
P6	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	145
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*475*
P7	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	140
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*460*
P8	P	0,11	0,14	0,18	0,22	0,25	0,28	0,30	130
	P	*0.0044*	*0.0055*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*425*
P11	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	135
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*445*
P12	P	0,070	0,095	0,12	0,14	0,16	0,18	0,20	80
	P	*0.0028*	*0.0038*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*260*
M1	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	100
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*330*
M2	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	80
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*260*
K1	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	120
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*395*
K2	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	105
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*345*
K3	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	90
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*295*
K4	P	0,10	0,14	0,17	0,20	0,24	0,26	0,28	85
	P	*0.0040*	*0.0055*	*0.0065*	*0.0080*	*0.0095*	*0.010*	*0.011*	*280*
K5	P	0,095	0,12	0,16	0,19	0,22	0,24	0,26	50
	P	*0.0038*	*0.0048*	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*165*
N2	P	0,14	0,19	0,24	0,28	0,34	0,38	0,40	200
	P	*0.0055*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.016*	*660*
N3	P	0,14	0,19	0,24	0,28	0,34	0,38	0,40	135
	P	*0.0055*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.016*	*445*
N11	P	0,14	0,19	0,24	0,28	0,34	0,38	0,40	255
	P	*0.0055*	*0.0075*	*0.0095*	*0.011*	*0.013*	*0.015*	*0.016*	*840*

SMG = Gruppo materiale Seco
f = mm/giro
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

SD265A – ∅ 4-16 mm / *0.157-0.630 pollici*

SMG		f							v_c
		Ø 4,00 *Ø 0.157*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	
P1	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	180
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*590*
P2	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	175
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*570*
P3	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	150
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*490*
P4	P	0,11	0,15	0,19	0,22	0,26	0,28	0,32	135
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.011*	*0.013*	*445*
P5	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	130
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*425*
P6	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	145
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*475*
P7	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	135
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*445*
P8	P	0,11	0,15	0,19	0,22	0,26	0,30	0,32	130
	P	*0.0044*	*0.0060*	*0.0075*	*0.0085*	*0.010*	*0.012*	*0.013*	*425*
P11	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	130
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*425*
P12	P	0,075	0,10	0,12	0,15	0,17	0,19	0,20	80
	P	*0.0030*	*0.0040*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*260*
M1	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	100
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*330*
M2	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	80
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*260*
K1	P	0,12	0,16	0,20	0,24	0,28	0,30	0,34	120
	P	*0.0048*	*0.0065*	*0.0080*	*0.0095*	*0.011*	*0.012*	*0.013*	*395*
K2	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	100
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*330*
K3	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	85
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*280*
K4	P	0,11	0,15	0,18	0,22	0,25	0,28	0,30	85
	P	*0.0044*	*0.0060*	*0.0070*	*0.0085*	*0.010*	*0.011*	*0.012*	*280*
K5	P	0,10	0,13	0,17	0,20	0,22	0,25	0,28	49
	P	*0.0040*	*0.0050*	*0.0065*	*0.0080*	*0.0085*	*0.010*	*0.011*	*160*
N2	P	0,15	0,20	0,26	0,30	0,36	0,40	0,42	195
	P	*0.0060*	*0.0080*	*0.010*	*0.012*	*0.014*	*0.016*	*0.017*	*640*
N3	P	0,15	0,20	0,26	0,30	0,36	0,40	0,42	130
	P	*0.0060*	*0.0080*	*0.010*	*0.012*	*0.014*	*0.016*	*0.017*	*425*
N11	P	0,15	0,20	0,26	0,30	0,36	0,40	0,42	250
	P	*0.0060*	*0.0080*	*0.010*	*0.012*	*0.014*	*0.016*	*0.017*	*820*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD203A -MS ∅ 2-8 mm / *0.079-0.315 pollici*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P11	MS	0,060	0,080	0,10	0,12	0,14	0,18	90
	MS	*0.0024*	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0070*	*295*
P12	MS	0,060	0,070	0,080	0,090	0,10	0,12	65
	MS	*0.0024*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*215*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	110
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	90
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	45
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*150*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	50
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	42
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
N1	MS	0,13	0,16	0,19	0,22	0,26	0,32	345
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1125*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	225
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	150
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	285
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	39
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	28
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	MS	0,070	0,085	0,095	0,11	0,12	0,14	70
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	MS	0,070	0,085	0,095	0,11	0,12	0,14	55
	MS	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	MS	0,065	0,075	0,085	0,095	0,10	0,12	43
	MS	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*
H3	MS	0,046	0,055	0,065	0,075	0,085	0,10	36
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*120*
H5	MS	0,070	0,085	0,10	0,11	0,13	0,16	65
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*215*
H7	MS	0,046	0,055	0,065	0,075	0,085	0,10	36
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*120*
H8	MS	0,055	0,065	0,075	0,085	0,095	0,12	65
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*215*
H11	MS	0,070	0,085	0,10	0,11	0,13	0,16	85
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*280*
H12	MS	0,055	0,065	0,075	0,085	0,095	0,12	80
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*260*
H21	MS	0,055	0,065	0,075	0,085	0,095	0,12	65
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*215*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD203A -MS ∅ 10-20 mm / *0.394-0.787 pollici*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P11	MS	0,22	0,24	0,26	0,30	0,30	0,32	90
	MS	*0.0085*	*0.0095*	*0.010*	*0.012*	*0.012*	*0.013*	*295*
P12	MS	0,14	0,15	0,16	0,18	0,18	0,19	65
	MS	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0070*	*0.0075*	*215*
M1	MS	0,22	0,25	0,28	0,30	0,30	0,32	110
	MS	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*360*
M2	MS	0,20	0,22	0,25	0,26	0,28	0,30	90
	MS	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*295*
M3	MS	0,24	0,26	0,28	0,30	0,32	0,34	45
	MS	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*150*
M4	MS	0,14	0,16	0,17	0,19	0,20	0,20	50
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*165*
M5	MS	0,14	0,16	0,17	0,19	0,20	0,20	42
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*140*
N1	MS	0,38	0,42	0,46	0,50	0,55	0,55	345
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1125*
N2	MS	0,38	0,42	0,46	0,50	0,55	0,55	225
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*740*
N3	MS	0,38	0,42	0,46	0,50	0,55	0,55	150
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*490*
N11	MS	0,38	0,42	0,46	0,50	0,55	0,55	285
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*940*
S1	MS	0,11	0,13	0,15	0,16	0,17	0,19	39
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*130*
S2	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S3	MS	0,11	0,13	0,15	0,16	0,17	0,19	28
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*90*
S11	MS	0,17	0,19	0,22	0,24	0,25	0,26	70
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*230*
S12	MS	0,17	0,19	0,22	0,24	0,25	0,26	55
	MS	*0.0065*	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.010*	*180*
S13	MS	0,15	0,17	0,19	0,20	0,22	0,22	43
	MS	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*140*
H3	MS	0,12	0,13	0,15	0,16	0,17	0,17	36
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*120*
H5	MS	0,18	0,20	0,22	0,24	0,25	0,26	65
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*215*
H7	MS	0,12	0,13	0,15	0,16	0,17	0,17	36
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*120*
H8	MS	0,14	0,16	0,17	0,18	0,19	0,20	65
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*215*
H11	MS	0,18	0,20	0,22	0,24	0,25	0,26	85
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*280*
H12	MS	0,14	0,16	0,17	0,18	0,19	0,20	80
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*260*
H21	MS	0,14	0,16	0,17	0,18	0,19	0,20	65
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*215*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD205A -MS ∅ **2-8 mm** / *0.079-0.315 pollici*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P11	MS	0,060	0,080	0,10	0,12	0,14	0,18	80
	MS	*0.0024*	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*0.0070*	*260*
P12	MS	0,060	0,070	0,080	0,090	0,10	0,12	60
	MS	*0.0024*	*0.0028*	*0.0032*	*0.0036*	*0.0040*	*0.0048*	*195*
M1	MS	0,075	0,095	0,11	0,13	0,15	0,19	100
	MS	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*330*
M2	MS	0,065	0,085	0,10	0,12	0,14	0,17	80
	MS	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*260*
M3	MS	0,095	0,11	0,13	0,15	0,17	0,20	40
	MS	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0080*	*130*
M4	MS	0,048	0,060	0,070	0,085	0,095	0,12	46
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*150*
M5	MS	0,048	0,060	0,070	0,085	0,095	0,12	38
	MS	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*125*
N1	MS	0,13	0,16	0,19	0,22	0,26	0,32	310
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1025*
N2	MS	0,13	0,16	0,19	0,22	0,26	0,32	200
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*660*
N3	MS	0,13	0,16	0,19	0,22	0,26	0,32	135
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*445*
N11	MS	0,13	0,16	0,19	0,22	0,26	0,32	255
	MS	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*840*
S1	MS	0,040	0,048	0,055	0,065	0,075	0,095	35
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*115*
S2	MS	0,040	0,048	0,055	0,065	0,075	0,095	25
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S3	MS	0,040	0,048	0,055	0,065	0,075	0,095	25
	MS	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S11	MS	0,020	0,030	0,040	0,050	0,060	0,080	45
	MS	*0.00080*	*0.0012*	*0.0016*	*0.0020*	*0.0024*	*0.0032*	*150*
S12	MS	0,020	0,030	0,040	0,050	0,060	0,080	35
	MS	*0.00080*	*0.0012*	*0.0016*	*0.0020*	*0.0024*	*0.0032*	*115*
S13	MS	0,017	0,026	0,035	0,044	0,050	0.070	27
	MS	*0.00068*	*0.0010*	*0.0014*	*0.0018*	*0.0020*	*0.0028*	*90*
H3	MS	0,046	0,055	0,065	0,075	0,085	0,10	33
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*110*
H5	MS	0,070	0,085	0,10	0,11	0,13	0,16	60
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*195*
H7	MS	0,046	0,055	0,065	0,075	0,085	0,10	33
	MS	*0.0018*	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0040*	*110*
H8	MS	0,055	0,065	0,075	0,085	0,095	0,12	60
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*195*
H11	MS	0,070	0,085	0,10	0,11	0,13	0,16	75
	MS	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0050*	*0.0065*	*245*
H12	MS	0,055	0,065	0,075	0,085	0,095	0,12	70
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*230*
H21	MS	0,055	0,065	0,075	0,085	0,095	0,12	60
	MS	*0.0022*	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0048*	*195*

SMG = Gruppo materiale Seco
f = mm/giro
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

SD205A -MS ∅ 10-20 mm / *0.394-0.787 pollici*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P11	MS	0,22	0,24	0,26	0,30	0,30	0,32	80
	MS	*0.0085*	*0.0095*	*0.010*	*0.012*	*0.012*	*0.013*	*260*
P12	MS	0,14	0,15	0,16	0,18	0,18	0,19	60
	MS	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0070*	*0.0075*	*195*
M1	MS	0,22	0,25	0,28	0,30	0,30	0,32	100
	MS	*0.0085*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*330*
M2	MS	0,20	0,22	0,25	0,26	0,28	0,30	80
	MS	*0.0080*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*260*
M3	MS	0,24	0,26	0,28	0,30	0,32	0,34	40
	MS	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*130*
M4	MS	0,14	0,16	0,17	0,19	0,20	0,20	46
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*150*
M5	MS	0,14	0,16	0,17	0,19	0,20	0,20	38
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0080*	*125*
N1	MS	0,38	0,42	0,46	0,50	0,55	0,55	310
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*1025*
N2	MS	0,38	0,42	0,46	0,50	0,55	0,55	200
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*660*
N3	MS	0,38	0,42	0,46	0,50	0,55	0,55	135
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*445*
N11	MS	0,38	0,42	0,46	0,50	0,55	0,55	255
	MS	*0.015*	*0.017*	*0.018*	*0.020*	*0.022*	*0.022*	*840*
S1	MS	0,11	0,13	0,15	0,16	0,17	0,19	35
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*115*
S2	MS	0,11	0,13	0,15	0,16	0,17	0,19	25
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*80*
S3	MS	0,11	0,13	0,15	0,16	0,17	0,19	25
	MS	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0075*	*80*
S11	MS	0,10	0,12	0,14	0,16	0,18	0,20	45
	MS	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*150*
S12	MS	0,10	0,12	0,14	0,16	0,18	0,20	35
	MS	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*0.0080*	*115*
S13	MS	0,085	0,11	0,12	0,14	0,16	0,17	27
	MS	*0.0034*	*0.0044*	*0.0048*	*0.0055*	*0.0065*	*0.0070*	*90*
H3	MS	0,12	0,13	0,15	0,16	0,17	0,17	33
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*110*
H5	MS	0,18	0,20	0,22	0,24	0,25	0,26	60
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*195*
H7	MS	0,12	0,13	0,15	0,16	0,17	0,17	33
	MS	*0.0048*	*0.0050*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*110*
H8	MS	0,14	0,16	0,17	0,18	0,19	0,20	60
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*195*
H11	MS	0,18	0,20	0,22	0,24	0,25	0,26	75
	MS	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*0.010*	*245*
H12	MS	0,14	0,16	0,17	0,18	0,19	0,20	70
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*230*
H21	MS	0,14	0,16	0,17	0,18	0,19	0,20	60
	MS	*0.0055*	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*195*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD203A – ∅ **2-8 mm** / *0.079-0.315 pollici*

SMG		f						v_c
		Ø 2,00 *Ø 0.079*	Ø 3,00 *Ø 0.118*	Ø 4,00 *Ø 0.157*	Ø 5,00 *Ø 0.197*	Ø 6,00 *Ø 0.236*	Ø 8,00 *Ø 0.315*	
P11	M	0,060	0,075	0,085	0,10	0,11	0,14	150
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*490*
P12	M	0,060	0,075	0,085	0,10	0,11	0,14	90
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*295*
M1	M	0,075	0,095	0,11	0,13	0,15	0,19	110
	M	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*360*
M2	M	0,065	0,085	0,10	0,12	0,14	0,17	90
	M	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*295*
M3	M	0,055	0,065	0,080	0,095	0,11	0,14	70
	M	*0.0022*	*0.0026*	*0.0032*	*0.0038*	*0.0044*	*0.0055*	*230*
M4	M	0,048	0,060	0,070	0,085	0,095	0,12	50
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*165*
M5	M	0,048	0,060	0,070	0,085	0,095	0,12	42
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*140*
N1	M	0,13	0,16	0,19	0,22	0,26	0,32	345
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1125*
N2	M	0,13	0,16	0,19	0,22	0,26	0,32	225
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*740*
N3	M	0,13	0,16	0,19	0,22	0,26	0,32	150
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*490*
N11	M	0,13	0,16	0,19	0,22	0,26	0,32	285
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*940*
S1	M	0,040	0,048	0,055	0,065	0,075	0,095	39
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*130*
S2	M	0,040	0,048	0,055	0,065	0,075	0,095	28
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S3	M	0,040	0,048	0,055	0,065	0,075	0,095	28
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*90*
S11	M	0,070	0,085	0,095	0,11	0,12	0,14	70
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*230*
S12	M	0,070	0,085	0,095	0,11	0,12	0,14	55
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*180*
S13	M	0,065	0,075	0,085	0,095	0,10	0,12	43
	M	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*140*

SMG = Gruppo materiale Seco
f = mm/giro
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

SD203A – ∅ 10-20 mm / *0.394-0.787 pollici*

SMG		f						v_c
		Ø 10,00 *Ø 0.394*	Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P11	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	150 *490*
P12	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	90 *295*
M1	M *M*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,30 *0.012*	0,32 *0.013*	110 *360*
M2	M *M*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	90 *295*
M3	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	0,24 *0.0095*	70 *230*
M4	M *M*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	50 *165*
M5	M *M*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	42 *140*
N1	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	345 *1125*
N2	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	225 *740*
N3	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	150 *490*
N11	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	285 *940*
S1	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	39 *130*
S2	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	28 *90*
S3	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	28 *90*
S11	M *M*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	70 *230*
S12	M *M*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	55 *180*
S13	M *M*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	43 *140*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD205A-M – ∅ 2-8 mm / *0.079-0.315 pollici*

SMG		f						v_c
		Ø2,00 *Ø 0.079*	Ø3,00 *Ø 0.118*	Ø4,00 *Ø 0.157*	Ø5,00 *Ø 0.197*	Ø6,00 *Ø 0.236*	Ø8,00 *Ø 0.315*	
P11	M	0,060	0,075	0,085	0,10	0,11	0,14	135
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*445*
P12	M	0,060	0,075	0,085	0,10	0,11	0,14	80
	M	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*0.0044*	*0.0055*	*260*
M1	M	0,075	0,095	0,11	0,13	0,15	0,19	100
	M	*0.0030*	*0.0038*	*0.0044*	*0.0050*	*0.0060*	*0.0075*	*330*
M2	M	0,065	0,085	0,10	0,12	0,14	0,17	80
	M	*0.0026*	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*260*
M3	M	0,055	0,065	0,080	0,095	0,11	0,14	60
	M	*0.0022*	*0.0026*	*0.0032*	*0.0038*	*0.0044*	*0.0055*	*195*
M4	M	0,048	0,060	0,070	0,085	0,095	0,12	46
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*150*
M5	M	0,048	0,060	0,070	0,085	0,095	0,12	38
	M	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0048*	*125*
N1	M	0,13	0,16	0,19	0,22	0,26	0,32	310
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*1025*
N2	M	0,13	0,16	0,19	0,22	0,26	0,32	200
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*660*
N3	M	0,13	0,16	0,19	0,22	0,26	0,32	135
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*445*
N11	M	0,13	0,16	0,19	0,22	0,26	0,32	255
	M	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.010*	*0.013*	*840*
S1	M	0,040	0,048	0,055	0,065	0,075	0,095	35
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*115*
S2	M	0,040	0,048	0,055	0,065	0,075	0,095	25
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S3	M	0,040	0,048	0,055	0,065	0,075	0,095	25
	M	*0.0016*	*0.0019*	*0.0022*	*0.0026*	*0.0030*	*0.0038*	*80*
S11	M	0,070	0,085	0,095	0,11	0,12	0,14	65
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*215*
S12	M	0,070	0,085	0,095	0,11	0,12	0,14	50
	M	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0055*	*165*
S13	M	0,065	0,075	0,085	0,095	0,10	0,12	39
	M	*0.0026*	*0.0030*	*0.0034*	*0.0038*	*0.0040*	*0.0048*	*130*

SMG = Gruppo materiale Seco
f = mm/giro
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

SD205A-M – ∅ 10-20 mm / *0.394-0.787 pollici*

SMG		f						v_c
		Ø10,00 *Ø 0.394*	Ø12,00 *Ø 0.472*	Ø14,00 *Ø 0.551*	Ø16,00 *Ø 0.630*	Ø18,00 *Ø 0.709*	Ø20,00 *Ø 0.787*	
P11	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	135 *445*
P12	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	0,24 *0.0095*	80 *260*
M1	M *M*	0,22 *0.0085*	0,25 *0.010*	0,28 *0.011*	0,30 *0.012*	0,30 *0.012*	0,32 *0.013*	100 *330*
M2	M *M*	0,20 *0.0080*	0,22 *0.0085*	0,25 *0.010*	0,26 *0.010*	0,28 *0.011*	0,30 *0.012*	80 *260*
M3	M *M*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	0,24 *0.0095*	60 *195*
M4	M *M*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	45 *150*
M5	M *M*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,20 *0.0080*	37 *120*
N1	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	305 *1000*
N2	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	195 *640*
N3	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	130 *425*
N11	M *M*	0,38 *0.015*	0,42 *0.017*	0,46 *0.018*	0,50 *0.020*	0,55 *0.022*	0,55 *0.022*	250 *820*
S1	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	34 *110*
S2	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	25 *80*
S3	M *M*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,16 *0.0065*	0,17 *0.0065*	0,19 *0.0075*	25 *80*
S11	M *M*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	65 *215*
S12	M *M*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,24 *0.0095*	0,25 *0.010*	0,26 *0.010*	49 *160*
S13	M *M*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	0,22 *0.0085*	0,22 *0.0085*	38 *125*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD205A-C1 – ∅ 3-13 mm / *0.118-0.512 pollici*

SMG		f						v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 7,00 *Ø 0.276*	Ø 9,00 *Ø 0.354*	Ø 11,00 *Ø 0.433*	Ø 13,00 *Ø 0.512*	
TS2	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	65 *215*
TS3	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	50 *165*
TP2	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	65 *215*
TP3	C1 *C1*	0,060 *0.0024*	0,060 *0.0024*	0,065 *0.0026*	0,070 *0.0028*	0,075 *0.0030*	0,080 *0.0032*	50 *165*

SD205A-C2 – ∅ 3-13 mm / *0.118-0.512 pollici*

SMG		f						v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 7,00 *Ø 0.276*	Ø 9,00 *Ø 0.354*	Ø 11,00 *Ø 0.433*	Ø 13,00 *Ø 0.512*	
N1	C2 *C2*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	80 *260*
N2	C2 *C2*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	50 *165*
N3	C2 *C2*	0,095 *0.0038*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	0,13 *0.0050*	0,14 *0.0055*	33 *110*
S11	C2 *C2*	0,055 *0.0022*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	50 *165*
S12	C2 *C2*	0,055 *0.0022*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	40 *130*
S13	C2 *C2*	0,048 *0.0019*	0,060 *0.0024*	0,070 *0.0028*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	31 *100*

SD203-CX1 – ∅ 3-9 mm / *0.118-0.354 pollici*

SMG		f				v_c
		Ø 3,00 *Ø 0.118*	Ø 5,00 *Ø 0.197*	Ø 7,00 *Ø 0.276*	Ø 9,00 *Ø 0.354*	
TS2	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	150 *490*
TS3	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	120 *395*
TP2	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	150 *490*
TP3	CX1 *CX1*	0,075 *0.0030*	0,085 *0.0034*	0,090 *0.0036*	0,10 *0.0040*	120 *395*

SMG = Gruppo materiale Seco
f = mm/giro
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

SD22 & SD26 – ∅ 0,1-0,3 mm / *0.0039-0.0118 pollici*

SMG	f			v_c
	Ø 0,10 *Ø 0.0039*	Ø 0,20 *Ø 0.0079*	Ø 0,30 *Ø 0.0118*	
P1	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	11 *36*
P2	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	11 *36*
P3	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	10 *33*
P4	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P5	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P6	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	9 *30*
P7	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P8	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P11	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	8 *26*
P12	0,00070 *0.000028*	0,0011 *0.000044*	0,0015 *0.000060*	5 *16*
M1	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	2 *7*
M2	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	2 *7*
K1	0,0011 *0.000044*	0,0017 *0.000065*	0,0024 *0.000095*	6 *20*
K2	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	5 *16*
K3	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	4 *13*
K4	0,0010 *0.000040*	0,0016 *0.000065*	0,0022 *0.000085*	4 *13*
K5	0,00090 *0.000036*	0,0014 *0.000055*	0,0019 *0.000075*	3 *10*
N2	0,0014 *0.000055*	0,0022 *0.000085*	0,0030 *0.00012*	15 *49*
N3	0,0014 *0.000055*	0,0022 *0.000085*	0,0030 *0.00012*	10 *33*
S11	0,00080 *0.000032*	0,0013 *0.000050*	0,0017 *0.000065*	4 *13*
S12	0,00080 *0.000032*	0,0013 *0.000050*	0,0017 *0.000065*	3 *10*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD22 & SD26 – ∅ 0,4-0,5 mm / *0.0157-0.0197 pollici*

SMG	f		v_c
	Ø 0,40 *Ø 0.0157*	Ø 0,50 *Ø 0.0197*	
P1	0,0030 *0.00012*	0,0036 *0.00014*	14 *46*
P2	0,0030 *0.00012*	0,0036 *0.00014*	14 *46*
P3	0,0028 *0.00011*	0,0034 *0.00013*	12 *39*
P4	0,0028 *0.00011*	0,0034 *0.00013*	10 *33*
P5	0,0028 *0.00011*	0,0034 *0.00013*	10 *33*
P6	0,0028 *0.00011*	0,0032 *0.00013*	11 *36*
P7	0,0028 *0.00011*	0,0032 *0.00013*	11 *36*
P8	0,0028 *0.00011*	0,0034 *0.00013*	10 *33*
P11	0,0028 *0.00011*	0,0032 *0.00013*	10 *33*
P12	0,0019 *0.000075*	0,0022 *0.000085*	6 *20*
M1	0,0030 *0.00012*	0,0036 *0.00014*	5 *16*
M2	0,0028 *0.00011*	0,0034 *0.00013*	4 *13*
K1	0,0030 *0.00012*	0,0036 *0.00014*	10 *33*
K2	0,0028 *0.00011*	0,0034 *0.00013*	9 *30*
K3	0,0028 *0.00011*	0,0034 *0.00013*	7 *23*
K4	0,0028 *0.00011*	0,0034 *0.00013*	7 *23*
K5	0,0025 *0.00010*	0,0030 *0.00012*	4 *13*
N2	0,0038 *0.00015*	0,0046 *0.00018*	30 *100*
N3	0,0038 *0.00015*	0,0046 *0.00018*	20 *65*
S11	0,0022 *0.000085*	0,0026 *0.00010*	8 *26*
S12	0,0022 *0.000085*	0,0026 *0.00010*	6 *20*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD22 & SD26 – ∅ 0,6-0,8 mm / *0.0236-0.0315 pollici*

SMG	f			v_c
	Ø 0,60 *Ø 0.0236*	Ø 0,70 *Ø 0.0276*	Ø 0,80 *Ø 0.0315*	
P1	0,0042 *0.00017*	0,0048 *0.00019*	0,0055 *0.00022*	28 *90*
P2	0,0042 *0.00017*	0,0050 *0.00020*	0,0055 *0.00022*	28 *90*
P3	0,0040 *0.00016*	0,0046 *0.00018*	0,0055 *0.00022*	24 *80*
P4	0,0040 *0.00016*	0,0046 *0.00018*	0,0050 *0.00020*	21 *70*
P5	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	20 *65*
P6	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	22 *70*
P7	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	21 *70*
P8	0,0040 *0.00016*	0,0046 *0.00018*	0,0055 *0.00022*	20 *65*
P11	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	21 *70*
P12	0,0026 *0.00010*	0,0030 *0.00012*	0,0034 *0.00013*	12 *39*
M1	0,0042 *0.00017*	0,0050 *0.00020*	0,0055 *0.00022*	9 *30*
M2	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	7 *23*
K1	0,0042 *0.00017*	0,0050 *0.00020*	0,0055 *0.00022*	15 *49*
K2	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	13 *43*
K3	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	11 *36*
K4	0,0038 *0.00015*	0,0044 *0.00017*	0,0050 *0.00020*	10 *33*
K5	0,0036 *0.00014*	0,0040 *0.00016*	0,0046 *0.00018*	6 *20*
N2	0,0055 *0.00022*	0,0065 *0.00026*	0,0070 *0.00028*	60 *195*
N3	0,0055 *0.00022*	0,0065 *0.00026*	0,0070 *0.00028*	40 *130*
S11	0,0032 *0.00013*	0,0036 *0.00014*	0,0040 *0.00016*	13 *43*
S12	0,0032 *0.00013*	0,0036 *0.00014*	0,0040 *0.00016*	10 *33*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD22 & SD26 – ∅ 0,9-1,1 mm / *0.0354-0.0433 pollici*

SMG	f			v_c
	Ø 0,90 *Ø 0.0354*	Ø 1,00 *Ø 0.0394*	Ø 1,10 *Ø 0.0433*	
P1	0,0060 *0.00024*	0,0065 *0.00026*	0,0075 *0.00030*	50 *165*
P2	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	48 *155*
P3	0,0060 *0.00024*	0,0065 *0.00026*	0,0070 *0.00028*	42 *140*
P4	0,0055 *0.00022*	0,0065 *0.00026*	0,0070 *0.00028*	37 *120*
P5	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	35 *115*
P6	0,0055 *0.00022*	0,0060 *0.00024*	0,0065 *0.00026*	39 *130*
P7	0,0055 *0.00022*	0,0060 *0.00024*	0,0065 *0.00026*	37 *120*
P8	0,0060 *0.00024*	0,0065 *0.00026*	0,0070 *0.00028*	35 *115*
P11	0,0055 *0.00022*	0,0060 *0.00024*	0,0065 *0.00026*	36 *120*
P12	0,0038 *0.00015*	0,0042 *0.00017*	0,0046 *0.00018*	21 *70*
M1	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	12 *39*
M2	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	10 *33*
K1	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	20 *65*
K2	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	17 *55*
K3	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	15 *49*
K4	0,0055 *0.00022*	0,0060 *0.00024*	0,0070 *0.00028*	14 *46*
K5	0,0050 *0.00020*	0,0055 *0.00022*	0,0060 *0.00024*	8 *26*
N2	0,0080 *0.00032*	0,0085 *0.00034*	0,0095 *0.00038*	80 *260*
N3	0,0080 *0.00032*	0,0085 *0.00034*	0,0095 *0.00038*	55 *180*
S11	0,0046 *0.00018*	0,0050 *0.00020*	0,0055 *0.00022*	19 *60*
S12	0,0046 *0.00018*	0,0050 *0.00020*	0,0055 *0.00022*	15 *49*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD22 & SD26 – ∅ 1,2-2,0 mm / *0.0472-0.0787 pollici*

SMG	f					v_c
	Ø 1,20 *Ø 0.0472*	Ø 1,40 *Ø 0.0551*	Ø 1,60 *Ø 0.0630*	Ø 1,80 *Ø 0.0709*	Ø 2,00 *Ø 0.0787*	
P1	0,0080 *0.00032*	0,0090 *0.00036*	0,010 *0.00040*	0,012 *0.00048*	0,013 *0.00050*	70 *230*
P2	0,0080 *0.00032*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	0,013 *0.00050*	70 *230*
P3	0,0075 *0.00030*	0,0090 *0.00036*	0,010 *0.00040*	0,011 *0.00044*	0,012 *0.00048*	60 *195*
P4	0,0075 *0.00030*	0,0085 *0.00034*	0,010 *0.00040*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P5	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P6	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	55 *180*
P7	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	55 *180*
P8	0,0075 *0.00030*	0,0090 *0.00036*	0,010 *0.00040*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P11	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	50 *165*
P12	0,0050 *0.00020*	0,0060 *0.00024*	0,0065 *0.00026*	0,0075 *0.00030*	0,0080 *0.00032*	30 *100*
M1	0,0080 *0.00032*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	0,013 *0.00050*	15 *49*
M2	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	12 *39*
K1	0,0080 *0.00032*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	0,013 *0.00050*	35 *115*
K2	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	30 *100*
K3	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	26 *85*
K4	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	0,011 *0.00044*	0,012 *0.00048*	25 *80*
K5	0,0065 *0.00026*	0,0075 *0.00030*	0,0085 *0.00034*	0,010 *0.00040*	0,011 *0.00044*	15 *49*
N2	0,010 *0.00040*	0,012 *0.00048*	0,014 *0.00055*	0,015 *0.00060*	0,017 *0.00065*	100 *330*
N3	0,010 *0.00040*	0,012 *0.00048*	0,014 *0.00055*	0,015 *0.00060*	0,017 *0.00065*	65 *215*
S11	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	26 *85*
S12	0,0060 *0.00024*	0,0070 *0.00028*	0,0075 *0.00030*	0,0085 *0.00034*	0,0095 *0.00038*	20 *65*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza



Seco® X-Tip Drill / Crownloc®

Seco® X-Tip Drill / Seco Crownloc® è una gamma di punte con corona intercambiabile, indicata per effettuare fori di elevata qualità ad un costo inferiore. L'intercambiabilità delle corone della gamma Seco® X-Tip Drill / Crownloc, unita all'alta precisione delle punte, consente di eliminare la necessità di riaffilature e i relativi costi.

- Due fori per il refrigerante attraverso la corona consentono il passaggio di una grande quantità di liquido diretto ai taglienti.
- Seco® X-Tip Drill / Crownloc® è disponibile in una vasta scelta di geometrie della corona ottimizzate per diverse applicazioni e materiali da lavorare.

Panoramica della gamma

Seco® X-Tip Drill / Crownloc®	Pagine	Gamma ∅	Profondità di foratura	Tolleranza ∅ punta	Tolleranza foro (1)	Finitura superficiale (2)
SD4103 	Pagine 168, 169, 170	∅ 9,49-17,99 mm *(0.3736-0.7083")*	~ 3 x D	n7	H9/H10	Ra 0,6-5 µm *(Ra 24-197 µin)*
SD4105 	Pagine 171, 172, 173	∅ 9,49-17,99 mm *(0.3736-0.7083")*	~ 5 x D	n7	H9/H10	Ra 0,6-5 µm *(Ra 24-197 µin)*
SD4108 	Pagine 174, 175, 176	∅ 9,49-17,99 mm *(0.3736-0.7083")*	~ 8 x D	n7	H9/H10	Ra 0,6-5 µm *(Ra 24-197 µin)*
SD101 	Pagine 181-182	∅ 12,00-25,99 mm *(0.472-1.023")*	1,5 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD103 	Pagine 183-184	∅ 9,52-25,99 mm *(0.375-1.023")*	3 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD105 	Pagine 185-186	∅ 10,00-25,99 mm *(0.394-1.023")*	5 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD107 	Pagine 187-188	∅ 12,00-25,99 mm *(0.472-1.023")*	7 x D	k7	IT 10	Ra 1-4 µm *(Ra 39-157 µin)*
Modulo per smussi 	Pagine 195	∅ 12.00-19,99 mm *(0.472-0.787")*	–	–	–	–

1) Possono verificarsi variazioni a seconda del materiale da lavorare e dei parametri di taglio utilizzati.
2) La profondità di foratura, i parametri di taglio, la pressione del refrigerante e il materiale da lavorare possono causare il deterioramento della finitura superficiale.

Chiave di codifica



Chiave di codifica corpi punta

Metriche

SD103	–	14.00/14.99	–	50	–	16	–	R	7
1		2		3		4		5	6

Pollici

50	–	0750	–	R	7
3		4		5	6

1.
Tipo di punta
SD101: 1,5 x D
SD4103: 3 x D
SD103: 3 x D
SD4105: 5 x D
SD105: 5 x D
SD107: 7 x D
SD4108: 8 x D

2.
Diam. min/max corona

3.
Profondità di foratura

4.
Diametro gambo

5.
Rotazione destra

6
Tipo di attacco
1. Cilindrico
7. ISO 9766

Corone chiavi di codifica

SD100	–	14.00	–	P
		2		3

2.
Diametro punta

3.
Tipo di geometria
P = acciaio
M = acciaio inossidabile
K = ghisa

Geometrie

Geometria -P
- Geometria universale, prima scelta per foratura di acciaio



Geometria -M
- Per acciaio inossidabile e leghe per alte temperature



Geometria K
- Prima scelta per foratura di ghisa



Kit ricambi

Diametro punta mm	SD101	SD103	SD105	SD107
10,00-11,99	–	SD103-SP-4.0	SD105-SP-4.0	–
12,00-13,99	SD101-SP-5.0	SD103-SP-5.0	SD105-SP-5.0	SD107-SP-5.0
14,00-16,99	SD101-SP-6.0	SD103-SP-6.0	SD105-SP-6.0	SD107-SP-6.0
17,00-19,99	SD101-SP-7.0	SD103-SP-7.0	SD105-SP-7.0	SD107-SP-7.0
20,00-25,99	SD101-SP-8.0	SD103-SP-8.0	SD105-SP-8.0	SD107-SP-8.0

Istruzioni di montaggio

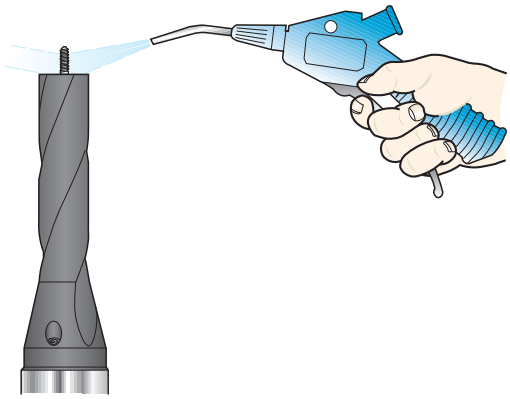
1. Pulire accuratamente la superficie di contatto del corpo punta in modo da rimuovere eventuali trucioli o impurità.
2. Assicurarsi che il tirante sia completamente a fondo corsa.
3. Montare la nuova corona sul tirante ed avvitarla fino a che raggiunge il fondo del filetto.

Ruotare leggermente la corona in senso antiorario (in senso opposto) allineando le superfici di accoppiamento.
Mettere in contatto la corona con il corpo punta ed agire sulla vite di serraggio.
Assicurarsi del perfetto accoppiamento delle due parti.
Stringere bene la vite di bloccaggio usando la chiave dinamometrica.

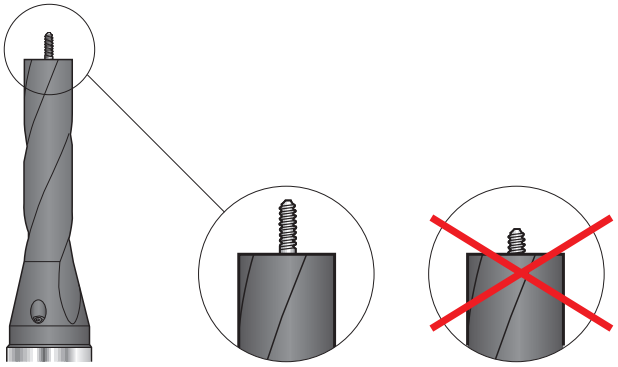
Stabilità
La stabilità dell'applicazione è fondamentale per avere lunghe durate e finiture ottimali dei fori. Controllare le condizioni del mandrino macchina, il fissaggio e lo staffaggio dei componenti per assicurare la massima rigidità e stabilità. Condizioni di lavoro poco stabili possono causare la rottura dell'utensile.

Applicazioni rotanti
Nelle applicazioni rotanti, il TIR (Totally Indicated Run-out) non dovrebbe eccedere 0,06 mm *(0,002")*. Misurare l'eccentricità quando la punta è montata sul mandrino.

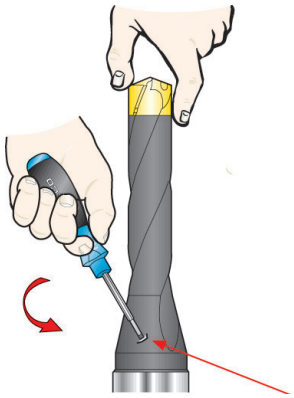
1.



2.

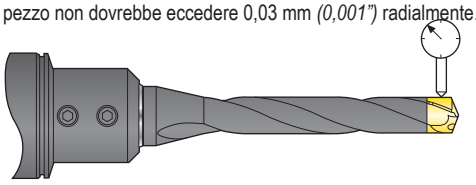


3.



∅ Punta DC mm	M_c Nm	∅ Punta DC *pollici*	M_c *in/lbs*
10,00-13,99	0,8-1,0	*0.394-0.551*	*7-9*
14,00-16,99	1,8-2,2	*0.551-0.669*	*16-19.5*
17,00-25,99	2,5-3,0	*0.669-1.023*	*22-26*

Applicazioni non rotanti
Nelle applicazioni non rotanti, la distanza tra l'asse della punta e il centro di rotazione del pezzo non dovrebbe eccedere 0,03 mm *(0,001")* radialmente.



Attacchi consigliati
Per garantire i migliori risultati, utilizzare attacchi del tipo DIN 1835 B/DIN 6535 HB (Weldon). Per ulteriori informazioni, vedere il catalogo Utensili.

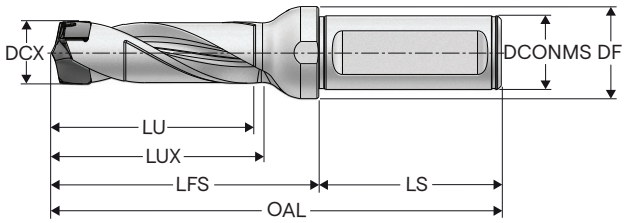


Weldon

SD4103 – R1

Profondità di foratura ~ 3 x D – Attacco metrico/pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 198

Codice di ordinazione	Codice prodotto	DCX	LU	LUX	LFS	OAL	LS	DCONMS	DF
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD4103-0900/0949-028-12R1	10333504	9,49 *0.374*	28 *1.102*	30,5 *1.201*	41,4 *1.630*	87,7 *3.453*	45,0 *1.772*	12,0 *0.472*	20,0 *0.787*
SD4103-0900/0949-028-0500R1	10333507	9,49 *0.374*	28 *1.102*	30,5 *1.201*	41,4 *1.630*	87,7 *3.453*	45,0 *1.772*	12,7 *0.500*	20,0 *0.787*
SD4103-0950/0999-030-12R1	10333510	9,99 *0.393*	30 *1.181*	32,2 *1.268*	43,1 *1.697*	89,4 *3.520*	45,0 *1.772*	12,0 *0.472*	20,0 *0.787*
SD4103-0950/0999-030-0500R1	10333513	9,99 *0.393*	30 *1.181*	32,3 *1.272*	43,2 *1.701*	89,4 *3.520*	45,0 *1.772*	12,7 *0.500*	20,0 *0.787*

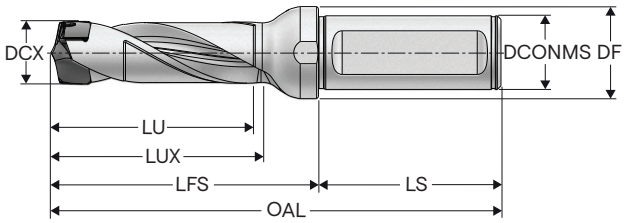
Parti di ricambio, comprese nella fornitura

Per	Chiave di bloccaggio
	
SD4103-..	SD4100-0900/1799-BASIC-KEY

SD4103 – R7

Profondità di foratura ~ 3 x D – Attacco metrico/pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 198

Codice di ordinazione	Codice prodotto	DCX	LU	LUX	LFS	OAL	LS	DCONMS	DF
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD4103-1000/1049-031-0625R7	10333519	10,49 *0.413*	31 *1.220*	33,8 *1.331*	46,7 *1.839*	96,1 *3.783*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1000/1049-031-16R7	10333516	10,49 *0.413*	31 *1.220*	33,9 *1.335*	46,7 *1.839*	96,1 *3.783*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1050/1099-033-0625R7	10333525	10,99 *0.433*	33 *1.299*	35,6 *1.402*	48,3 *1.902*	97,7 *3.846*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1050/1099-033-16R7	10333522	10,99 *0.433*	33 *1.299*	35,5 *1.398*	48,2 *1.898*	97,7 *3.846*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1100/1149-034-0625R7	10333531	11,49 *0.452*	34 *1.339*	37,1 *1.461*	49,8 *1.961*	99,4 *3.913*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1100/1149-034-16R7	10333528	11,49 *0.452*	34 *1.339*	37,1 *1.461*	49,8 *1.961*	99,4 *3.913*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1150/1199-036-0625R7	10333537	11,99 *0.472*	36 *1.417*	38,9 *1.531*	51,3 *2.020*	100,9 *3.972*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1150/1199-036-16R7	10333534	11,99 *0.472*	36 *1.417*	38,7 *1.524*	51,3 *2.020*	100,9 *3.972*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1200/1249-037-0625R7	10333543	12,49 *0.492*	37 *1.457*	40,4 *1.591*	52,8 *2.079*	102,6 *4.039*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1200/1249-037-16R7	10333540	12,49 *0.492*	37 *1.457*	40,4 *1.591*	52,9 *2.083*	102,6 *4.039*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1250/1299-039-0625R7	10333549	12,99 *0.511*	39 *1.535*	41,9 *1.650*	54,4 *2.142*	104,2 *4.102*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1250/1299-039-16R7	10333546	12,99 *0.511*	39 *1.535*	41,9 *1.650*	54,4 *2.142*	104,2 *4.102*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1300/1349-040-0625R7	10333555	13,49 *0.531*	40 *1.575*	43,7 *1.720*	56,1 *2.209*	104,0 *4.094*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1300/1349-040-16R7	10333552	13,49 *0.531*	40 *1.575*	43,6 *1.717*	56,0 *2.205*	104,0 *4.094*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1350/1399-042-0625R7	10333561	13,99 *0.551*	42 *1.654*	45,2 *1.780*	57,5 *2.264*	105,6 *4.157*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4103-1350/1399-042-16R7	10333558	13,99 *0.551*	42 *1.654*	45,2 *1.780*	57,6 *2.268*	105,6 *4.157*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4103-1400/1499-045-0750R7	10333567	14,99 *0.590*	45 *1.772*	48,2 *1.898*	64,4 *2.535*	114,2 *4.496*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4103-1400/1499-045-20R7	10333564	14,99 *0.590*	45 *1.772*	48,4 *1.906*	64,2 *2.528*	114,2 *4.496*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4103-1500/1599-048-0750R7	10333573	15,99 *0.630*	48 *1.890*	51,7 *2.035*	67,4 *2.654*	117,3 *4.618*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4103-1500/1599-048-20R7	10333570	15,99 *0.630*	48 *1.890*	51,6 *2.031*	67,3 *2.650*	117,3 *4.618*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4103-1600/1699-051-0750R7	10333579	16,99 *0.669*	51 *2.008*	54,9 *2.161*	70,5 *2.776*	120,4 *4.740*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4103-1600/1699-051-20R7	10333576	16,99 *0.669*	51 *2.008*	54,9 *2.161*	70,4 *2.772*	120,4 *4.740*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4103-1700/1799-054-0750R7	10333585	17,99 *0.708*	54 *2.126*	58,2 *2.291*	73,7 *2.902*	123,5 *4.862*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4103-1700/1799-054-20R7	10333582	17,99 *0.708*	54 *2.126*	58,1 *2.287*	73,5 *2.894*	123,5 *4.862*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*

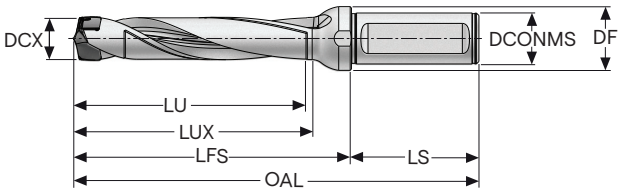
Parti di ricambio, comprese nella fornitura

Per	Chiave di bloccaggio
	
SD4103-..	SD4100-0900/1799-BASIC-KEY

SD4105 – R1

Profondità di foratura ~ 5 x D – Attacco metrico/pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 198

Codice di ordinazione	Codice prodotto	DCX	LU	LUX	LFS	OAL	LS	DCONMS	DF
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD4105-0900/0949-047-12R1	10333505	9,49 *0.374*	47 *1.850*	49,3 *1.941*	60,2 *2.370*	106,5 *4.193*	45,0 *1.772*	12,0 *0.472*	20,0 *0.787*
SD4105-0900/0949-047-0500R1	10333508	9,49 *0.374*	47 *1.850*	49,3 *1.941*	60,2 *2.370*	106,5 *4.193*	45,0 *1.772*	12,7 *0.500*	20,0 *0.787*
SD4105-0950/0999-050-12R1	10333511	9,99 *0.393*	50 *1.969*	52,0 *2.047*	62,9 *2.476*	109,2 *4.299*	45,0 *1.772*	12,0 *0.472*	20,0 *0.787*
SD4105-0950/0999-050-0500R1	10333514	9,99 *0.393*	50 *1.969*	52,1 *2.051*	63,0 *2.480*	109,2 *4.299*	45,0 *1.772*	12,7 *0.500*	20,0 *0.787*

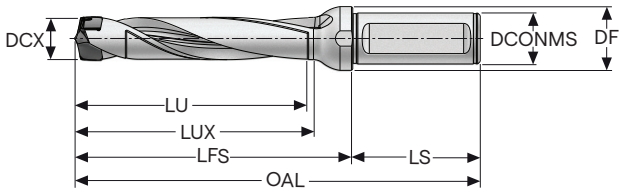
Parti di ricambio, comprese nella fornitura

Per	Chiave di bloccaggio
	
SD4105-..	SD4100-0900/1799-BASIC-KEY

SD4105 – R7

Profondità di foratura ~ 5 x D – Attacco metrico/pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 198

Codice di ordinazione	Codice prodotto	DCX	LU	LUX	LFS	OAL	LS	DCONMS	DF
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD4105-1000/1049-052-0625R7	10333520	10,49 *0.413*	52 *2.047*	54,6 *2.150*	67,6 *2.661*	116,9 *4.602*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1000/1049-052-16R7	10333517	10,49 *0.413*	52 *2.047*	54,7 *2.154*	67,5 *2.657*	116,9 *4.602*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1050/1099-055-0625R7	10333526	10,99 *0.433*	55 *2.165*	57,4 *2.260*	70,1 *2.760*	119,5 *4.705*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1050/1099-055-16R7	10333523	10,99 *0.433*	55 *2.165*	57,3 *2.256*	70,0 *2.756*	119,5 *4.705*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1100/1149-057-0625R7	10333532	11,49 *0.452*	57 *2.244*	59,9 *2.358*	72,6 *2.858*	122,2 *4.811*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1100/1149-057-16R7	10333529	11,49 *0.452*	57 *2.244*	59,9 *2.358*	72,6 *2.858*	122,2 *4.811*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1150/1199-060-0625R7	10333538	11,99 *0.472*	60 *2.362*	62,5 *2.461*	75,2 *2.961*	124,7 *4.909*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1150/1199-060-16R7	10333535	11,99 *0.472*	60 *2.362*	62,5 *2.461*	75,1 *2.957*	124,7 *4.909*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1200/1249-062-0625R7	10333544	12,49 *0.492*	62 *2.441*	65,3 *2.571*	77,7 *3.059*	127,4 *5.016*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1200/1249-062-16R7	10333541	12,49 *0.492*	62 *2.441*	65,2 *2.567*	77,7 *3.059*	127,4 *5.016*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1250/1299-065-0625R7	10333550	12,99 *0.511*	65 *2.559*	67,8 *2.669*	80,3 *3.161*	130,0 *5.118*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1250/1299-065-16R7	10333547	12,99 *0.511*	65 *2.559*	67,7 *2.665*	80,2 *3.157*	130,0 *5.118*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1300/1349-067-0625R7	10333556	13,49 *0.531*	67 *2.638*	70,6 *2.780*	82,9 *3.264*	130,8 *5.150*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1300/1349-067-16R7	10333553	13,49 *0.531*	67 *2.638*	70,4 *2.772*	82,8 *3.260*	130,8 *5.150*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1350/1399-070-0625R7	10333562	13,99 *0.551*	70,0 *2.756*	73,0 *2.874*	85,3 *3.358*	133,4 *5.252*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4105-1350/1399-070-16R7	10333559	13,99 *0.551*	70 *2.756*	73,0 *2.874*	85,4 *3.362*	133,4 *5.252*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4105-1400/1499-075-0750R7	10333568	14,99 *0.590*	75 *2.953*	78,2 *3.079*	94,1 *3.705*	144,0 *5.669*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4105-1400/1499-075-20R7	10333565	14,99 *0.590*	75 *2.953*	78,2 *3.079*	94,0 *3.701*	144,0 *5.669*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4105-1500/1599-080-0750R7	10333574	15,99 *0.630*	80 *3.150*	83,6 *3.291*	99,3 *3.909*	149,1 *5.870*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4105-1500/1599-080-20R7	10333571	15,99 *0.630*	80 *3.150*	83,4 *3.283*	99,1 *3.902*	149,1 *5.870*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4105-1600/1699-085-0750R7	10333580	16,99 *0.669*	85 *3.346*	88,6 *3.488*	104,3 *4.106*	154,2 *6.071*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4105-1600/1699-085-20R7	10333577	16,99 *0.669*	85 *3.346*	88,7 *3.492*	104,2 *4.102*	154,2 *6.071*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4105-1700/1799-090-0750R7	10333586	17,99 *0.708*	90 *3.543*	94,0 *3.701*	109,5 *4.311*	159,3 *6.272*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4105-1700/1799-090-20R7	10333583	17,99 *0.708*	90 *3.543*	93,9 *3.697*	109,3 *4.303*	159,3 *6.272*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*

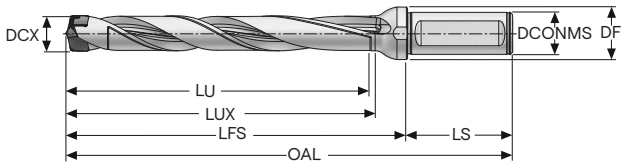
Parti di ricambio, comprese nella fornitura

Per	Chiave di bloccaggio
	
SD4105-..	SD4100-0900/1799-BASIC-KEY

SD4108 – R1

Profondità di foratura ~ 8 x D – Attacco metrico/pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 198

Codice di ordinazione	Codice prodotto	DCX	LU	LUX	LFS	OAL	LS	DCONMS	DF
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD4108-0900/0949-076-12R1	10333506	9,49 *0.374*	76 *2.992*	77,5 *3.051*	88,4 *3.480*	134,7 *5.303*	45,0 *1.772*	12,0 *0.472*	20,0 *0.787*
SD4108-0900/0949-077-0500R1	10333509	9,49 *0.374*	77 *3.031*	77,5 *3.051*	88,4 *3.480*	134,7 *5.303*	45,0 *1.772*	12,7 *0.500*	20,0 *0.787*
SD4108-0950/0999-080-12R1	10333512	9,99 *0.393*	80 *3.150*	81,7 *3.217*	92,6 *3.646*	138,9 *5.469*	45,0 *1.772*	12,0 *0.472*	20,0 *0.787*
SD4108-0950/0999-080-0500R1	10333515	9,99 *0.393*	80 *3.150*	81,7 *3.217*	92,7 *3.650*	138,9 *5.469*	45,0 *1.772*	12,7 *0.500*	20,0 *0.787*

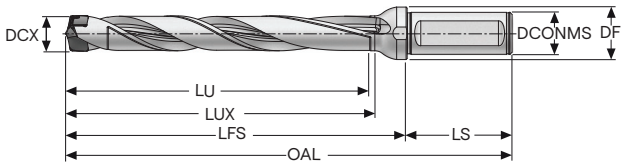
Parti di ricambio, comprese nella fornitura

Per	Chiave di bloccaggio
	
SD4108-..	SD4100-0900/1799-BASIC-KEY

SD4108 – R7

Profondità di foratura ~ 8 x D – Attacco metrico/pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 198

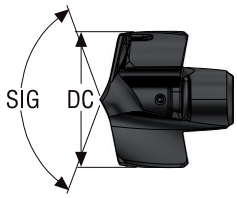
Codice di ordinazione	Codice prodotto	DCX	LU	LUX	LFS	OAL	LS	DCONMS	DF
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD4108-1000/1049-084-0625R7	10333521	10,49 *0.413*	84 *3.307*	85,7 *3.374*	98,6 *3.882*	148,1 *5.831*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1000/1049-084-16R7	10333518	10,49 *0.413*	84 *3.307*	85,9 *3.382*	98,7 *3.886*	148,1 *5.831*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1050/1099-088-0625R7	10333527	10,99 *0.433*	88 *3.465*	90,0 *3.543*	102,9 *4.051*	152,2 *5.992*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1050/1099-088-16R7	10333524	10,99 *0.433*	88 *3.465*	90,0 *3.543*	102,7 *4.043*	152,2 *5.992*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1100/1149-092-0625R7	10333533	11,49 *0.452*	92 *3.622*	94,1 *3.705*	106,9 *4.209*	156,4 *6.157*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1100/1149-092-16R7	10333530	11,49 *0.452*	92 *3.622*	94,1 *3.705*	106,8 *4.205*	156,4 *6.157*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1150/1199-096-0625R7	10333539	11,99 *0.472*	96 *3.780*	98,3 *3.870*	111,0 *4.370*	160,4 *6.315*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1150/1199-096-16R7	10333536	11,99 *0.472*	96 *3.780*	98,2 *3.866*	110,8 *4.362*	160,4 *6.315*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1200/1249-100-0625R7	10333545	12,49 *0.492*	100 *3.937*	102,4 *4.031*	115,1 *4.531*	164,6 *6.480*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1200/1249-100-16R7	10333542	12,49 *0.492*	100 *3.937*	102,4 *4.031*	114,9 *4.524*	164,6 *6.480*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1250/1299-104-0625R7	10333551	12,99 *0.511*	104 *4.094*	106,4 *4.189*	118,9 *4.681*	168,7 *6.642*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1250/1299-104-16R7	10333548	12,99 *0.511*	104 *4.094*	106,4 *4.189*	118,9 *4.681*	168,7 *6.642*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1300/1349-108-0625R7	10333557	13,49 *0.531*	108 *4.252*	110,6 *4.354*	123,1 *4.846*	171,0 *6.732*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1300/1349-108-16R7	10333554	13,49 *0.531*	108 *4.252*	110,6 *4.354*	123,0 *4.843*	171,0 *6.732*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1350/1399-112-0625R7	10333563	13,99 *0.551*	112 *4.409*	114,7 *4.516*	127,0 *5.000*	175,1 *6.894*	48,0 *1.890*	15,875 *0.625*	20,0 *0.787*
SD4108-1350/1399-112-16R7	10333560	13,99 *0.551*	112 *4.409*	114,7 *4.516*	127,1 *5.004*	175,1 *6.894*	48,0 *1.890*	16,0 *0.630*	20,0 *0.787*
SD4108-1400/1499-120-0750R7	10333569	14,99 *0.590*	120 *4.724*	122,9 *4.839*	138,8 *5.465*	188,7 *7.429*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4108-1400/1499-120-20R7	10333566	14,99 *0.590*	120 *4.724*	122,9 *4.839*	138,7 *5.461*	188,7 *7.429*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4108-1500/1599-128-0750R7	10333575	15,99 *0.630*	128 *5.039*	131,2 *5.165*	146,9 *5.783*	196,8 *7.748*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4108-1500/1599-128-20R7	10333572	15,99 *0.630*	128 *5.039*	131,1 *5.161*	146,8 *5.780*	196,8 *7.748*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4108-1600/1699-136-0750R7	10333581	16,99 *0.669*	136 *5.354*	139,3 *5.484*	154,9 *6.098*	204,9 *8.067*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4108-1600/1699-136-20R7	10333578	16,99 *0.669*	136 *5.354*	0,0 –	154,9 *6.098*	204,9 *8.067*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*
SD4108-1700/1799-144-0750R7	10333587	17,99 *0.708*	144 *5.669*	147,7 *5.815*	163,2 *6.425*	213,0 *8.386*	50,0 *1.969*	19,05 *0.750*	25,0 *0.984*
SD4108-1700/1799-144-20R7	10333584	17,99 *0.708*	144 *5.669*	147,6 *5.811*	163,0 *6.417*	213,0 *8.386*	50,0 *1.969*	20,0 *0.787*	25,0 *0.984*

Parti di ricambio, comprese nella fornitura

Per	Chiave di bloccaggio
	
SD4108-..	SD4100-0900/1799-BASIC-KEY

Corone – Geometria -P e -M
Angolo di punta 158°





Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	DC	
				mm	*inch*
SD4100-0900-M	10333588	–	■	9,0	*0.354*
SD4100-0900-P	10333686	■	–	9,0	*0.354*
SD4100-0910-M	10333589	–	■	9,1	*0.358*
SD4100-0910-P	10333687	■	–	9,1	*0.358*
SD4100-0920-M	10333590	–	■	9,2	*0.362*
SD4100-0920-P	10333688	■	–	9,2	*0.362*
SD4100-0930-M	10333591	–	■	9,3	*0.366*
SD4100-0930-P	10333689	■	–	9,3	*0.366*
SD4100-0940-M	10333592	–	■	9,4	*0.370*
SD4100-0940-P	10333690	■	–	9,4	*0.370*
SD4100-0950-M	10333593	–	■	9,5	*0.374*
SD4100-0950-P	10333691	■	–	9,5	*0.374*
SD4100-0952-M	10333594	–	■	9,52	*0.375*
SD4100-0952-P	10333692	■	–	9,52	*0.375*
SD4100-0960-M	10333595	–	■	9,6	*0.378*
SD4100-0960-P	10333693	■	–	9,6	*0.378*
SD4100-0970-M	10333596	–	■	9,7	*0.382*
SD4100-0970-P	10333694	■	–	9,7	*0.382*
SD4100-0980-M	10333597	–	■	9,8	*0.386*
SD4100-0980-P	10333695	■	–	9,8	*0.386*
SD4100-0990-M	10333598	–	■	9,9	*0.390*
SD4100-0990-P	10333696	■	–	9,9	*0.390*
SD4100-1000-M	10333599	–	■	10,0	*0.394*
SD4100-1000-P	10333697	■	–	10,0	*0.394*
SD4100-1010-M	10333600	–	■	10,1	*0.398*
SD4100-1010-P	10333698	■	–	10,1	*0.398*
SD4100-1020-M	10333601	–	■	10,2	*0.402*
SD4100-1020-P	10333699	■	–	10,2	*0.402*
SD4100-1030-M	10333602	–	■	10,3	*0.406*
SD4100-1030-P	10333700	■	–	10,3	*0.406*
SD4100-1040-M	10333603	–	■	10,4	*0.409*
SD4100-1040-P	10333701	■	–	10,4	*0.409*
SD4100-1050-M	10333604	–	■	10,5	*0.413*
SD4100-1050-P	10333702	■	–	10,5	*0.413*
SD4100-1060-M	10333605	–	■	10,6	*0.417*
SD4100-1060-P	10333703	■	–	10,6	*0.417*
SD4100-1070-M	10333606	–	■	10,7	*0.421*
SD4100-1070-P	10333704	■	–	10,7	*0.421*
SD4100-1080-M	10333607	–	■	10,8	*0.425*
SD4100-1080-P	10333705	■	–	10,8	*0.425*
SD4100-1090-M	10333608	–	■	10,9	*0.429*
SD4100-1090-P	10333706	■	–	10,9	*0.429*

Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	DC	
				mm	*inch*
SD4100-1100-M	10333609	–	■	11,0	*0.433*
SD4100-1100-P	10333707	■	–	11,0	*0.433*
SD4100-1110-M	10333610	–	■	11,1	*0.437*
SD4100-1110-P	10333708	■	–	11,1	*0.437*
SD4100-1111-M	10333611	–	■	11,11	*0.437*
SD4100-1111-P	10333709	■	–	11,11	*0.437*
SD4100-1120-M	10333612	–	■	11,2	*0.441*
SD4100-1120-P	10333710	■	–	11,2	*0.441*
SD4100-1130-M	10333613	–	■	11,3	*0.445*
SD4100-1130-P	10333711	■	–	11,3	*0.445*
SD4100-1140-M	10333614	–	■	11,4	*0.449*
SD4100-1140-P	10333712	■	–	11,4	*0.449*
SD4100-1150-M	10333615	–	■	11,5	*0.453*
SD4100-1150-P	10333713	■	–	11,5	*0.453*
SD4100-1160-M	10333616	–	■	11,6	*0.457*
SD4100-1160-P	10333714	■	–	11,6	*0.457*
SD4100-1170-M	10333617	–	■	11,7	*0.461*
SD4100-1170-P	10333715	■	–	11,7	*0.461*
SD4100-1180-M	10333618	–	■	11,8	*0.465*
SD4100-1180-P	10333716	■	–	11,8	*0.465*
SD4100-1190-M	10333619	–	■	11,9	*0.469*
SD4100-1190-P	10333717	■	–	11,9	*0.469*
SD4100-1200-M	10333620	–	■	12,0	*0.472*
SD4100-1200-P	10333718	■	–	12,0	*0.472*
SD4100-1210-M	10333621	–	■	12,1	*0.476*
SD4100-1210-P	10333719	■	–	12,1	*0.476*
SD4100-1220-M	10333622	–	■	12,2	*0.480*
SD4100-1220-P	10333720	■	–	12,2	*0.480*
SD4100-1230-M	10333623	–	■	12,3	*0.484*
SD4100-1230-P	10333721	■	–	12,3	*0.484*
SD4100-1240-M	10333624	–	■	12,4	*0.488*
SD4100-1240-P	10333722	■	–	12,4	*0.488*
SD4100-1250-M	10333625	–	■	12,5	*0.492*
SD4100-1250-P	10333723	■	–	12,5	*0.492*
SD4100-1260-M	10333626	–	■	12,6	*0.496*
SD4100-1260-P	10333724	■	–	12,6	*0.496*
SD4100-1270-M	10333627	–	■	12,7	*0.500*
SD4100-1270-P	10333725	■	–	12,7	*0.500*
SD4100-1280-M	10333628	–	■	12,8	*0.504*
SD4100-1280-P	10333726	■	–	12,8	*0.504*
SD4100-1290-M	10333629	–	■	12,9	*0.508*
SD4100-1290-P	10333727	■	–	12,9	*0.508*
SD4100-1300-M	10333630	–	■	13,0	*0.512*
SD4100-1300-P	10333728	■	–	13,0	*0.512*
SD4100-1310-M	10333631	–	■	13,1	*0.516*
SD4100-1310-P	10333729	■	–	13,1	*0.516*
SD4100-1320-M	10333632	–	■	13,2	*0.520*
SD4100-1320-P	10333730	■	–	13,2	*0.520*
SD4100-1330-M	10333633	–	■	13,3	*0.524*
SD4100-1330-P	10333731	■	–	13,3	*0.524*
SD4100-1340-M	10333634	–	■	13,4	*0.528*
SD4100-1340-P	10333732	■	–	13,4	*0.528*

Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	DC	
				mm	*inch*
SD4100-1350-M	10333635	–	■	13,5	*0.531*
SD4100-1350-P	10333733	■	–	13,5	*0.531*
SD4100-1360-M	10333636	–	■	13,6	*0.535*
SD4100-1360-P	10333734	■	–	13,6	*0.535*
SD4100-1370-M	10333637	–	■	13,7	*0.539*
SD4100-1370-P	10333735	■	–	13,7	*0.539*
SD4100-1380-M	10333638	–	■	13,8	*0.543*
SD4100-1380-P	10333736	■	–	13,8	*0.543*
SD4100-1390-M	10333639	–	■	13,9	*0.547*
SD4100-1390-P	10333737	■	–	13,9	*0.547*
SD4100-1400-M	10333640	–	■	14,0	*0.551*
SD4100-1400-P	10333738	■	–	14,0	*0.551*
SD4100-1410-M	10333642	–	■	14,1	*0.555*
SD4100-1410-P	10333739	■	–	14,1	*0.555*
SD4100-1420-M	10333643	–	■	14,2	*0.559*
SD4100-1420-P	10333740	■	–	14,2	*0.559*
SD4100-1429-M	10333644	–	■	14,29	*0.563*
SD4100-1429-P	10333741	■	–	14,29	*0.563*
SD4100-1430-M	10333645	–	■	14,3	*0.563*
SD4100-1430-P	10333742	■	–	14,3	*0.563*
SD4100-1440-M	10333646	–	■	14,4	*0.567*
SD4100-1440-P	10333743	■	–	14,4	*0.567*
SD4100-1450-M	10333647	–	■	14,5	*0.571*
SD4100-1450-P	10333744	■	–	14,5	*0.571*
SD4100-1460-M	10333648	–	■	14,6	*0.575*
SD4100-1460-P	10333745	■	–	14,6	*0.575*
SD4100-1470-M	10333649	–	■	14,7	*0.579*
SD4100-1470-P	10333746	■	–	14,7	*0.579*
SD4100-1480-M	10333650	–	■	14,8	*0.583*
SD4100-1480-P	10333747	■	–	14,8	*0.583*
SD4100-1490-M	10333651	–	■	14,9	*0.587*
SD4100-1490-P	10333748	■	–	14,9	*0.587*
SD4100-1500-M	10333652	–	■	15,0	*0.591*
SD4100-1500-P	10333749	■	–	15,0	*0.591*
SD4100-1510-M	10333653	–	■	15,1	*0.594*
SD4100-1510-P	10333750	■	–	15,1	*0.594*
SD4100-1520-M	10333654	–	■	15,2	*0.598*
SD4100-1520-P	10333751	■	–	15,2	*0.598*
SD4100-1530-M	10333655	–	■	15,3	*0.602*
SD4100-1530-P	10333752	■	–	15,3	*0.602*
SD4100-1540-M	10333656	–	■	15,4	*0.606*
SD4100-1540-P	10333753	■	–	15,4	*0.606*
SD4100-1550-M	10333657	–	■	15,5	*0.610*
SD4100-1550-P	10333754	■	–	15,5	*0.610*
SD4100-1560-M	10333658	–	■	15,6	*0.614*
SD4100-1560-P	10333755	■	–	15,6	*0.614*
SD4100-1570-M	10333659	–	■	15,7	*0.618*
SD4100-1570-P	10333756	■	–	15,7	*0.618*
SD4100-1580-M	10333661	–	■	15,8	*0.622*
SD4100-1580-P	10333757	■	–	15,8	*0.622*
SD4100-1588-M	10333662	–	■	15,88	*0.625*
SD4100-1588-P	10333758	■	–	15,88	*0.625*

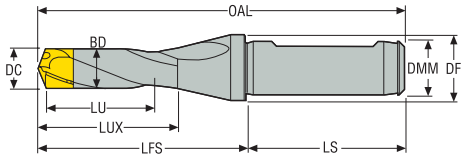
Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	DC	
				mm	*inch*
SD4100-1590-M	10333663	–	■	15,9	*0.626*
SD4100-1590-P	10333759	■	–	15,9	*0.626*
SD4100-1600-M	10333664	–	■	16,0	*0.630*
SD4100-1600-P	10333760	■	–	16,0	*0.630*
SD4100-1610-M	10333665	–	■	16,1	*0.634*
SD4100-1610-P	10333761	■	–	16,1	*0.634*
SD4100-1613-M	10333666	–	■	16,13	*0.635*
SD4100-1613-P	10333762	■	–	16,13	*0.635*
SD4100-1620-M	10333667	–	■	16,2	*0.638*
SD4100-1620-P	10333763	■	–	16,2	*0.638*
SD4100-1630-M	10333668	–	■	16,3	*0.642*
SD4100-1630-P	10333764	■	–	16,3	*0.642*
SD4100-1640-M	10333669	–	■	16,4	*0.646*
SD4100-1640-P	10333765	■	–	16,4	*0.646*
SD4100-1650-M	10333670	–	■	16,5	*0.650*
SD4100-1650-P	10333766	■	–	16,5	*0.650*
SD4100-1660-M	10333671	–	■	16,6	*0.654*
SD4100-1660-P	10333767	■	–	16,6	*0.654*
SD4100-1670-M	10333672	–	■	16,7	*0.657*
SD4100-1670-P	10333768	■	–	16,7	*0.657*
SD4100-1680-M	10333673	–	■	16,8	*0.661*
SD4100-1680-P	10333769	■	–	16,8	*0.661*
SD4100-1690-M	10333674	–	■	16,9	*0.665*
SD4100-1690-P	10333770	■	–	16,9	*0.665*
SD4100-1700-M	10333675	–	■	17,0	*0.669*
SD4100-1700-P	10333771	■	–	17,0	*0.669*
SD4100-1710-M	10333676	–	■	17,1	*0.673*
SD4100-1710-P	10333772	■	–	17,1	*0.673*
SD4100-1720-M	10333677	–	■	17,2	*0.677*
SD4100-1720-P	10333773	■	–	17,2	*0.677*
SD4100-1730-M	10333678	–	■	17,3	*0.681*
SD4100-1730-P	10333774	■	–	17,3	*0.681*
SD4100-1740-M	10333679	–	■	17,4	*0.685*
SD4100-1740-P	10333775	■	–	17,4	*0.685*
SD4100-1746-M	10333680	–	■	17,46	*0.687*
SD4100-1746-P	10333776	■	–	17,46	*0.687*
SD4100-1750-M	10333681	–	■	17,5	*0.689*
SD4100-1750-P	10333777	■	–	17,5	*0.689*
SD4100-1760-M	10333682	–	■	17,6	*0.693*
SD4100-1760-P	10333778	■	–	17,6	*0.693*
SD4100-1770-M	10333683	–	■	17,7	*0.697*
SD4100-1770-P	10333779	■	–	17,7	*0.697*
SD4100-1780-M	10333684	–	■	17,8	*0.701*
SD4100-1780-P	10333780	■	–	17,8	*0.701*
SD4100-1790-M	10333685	–	■	17,9	*0.705*
SD4100-1790-P	10333781	■	–	17,9	*0.705*

■ Prodotto standard.

SD101 – R7

Profondità di foratura ~ 1,5 x D – Codolo metrico





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 199

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD101-12.00/12.49-20-16R7	02445790	12,0-12,49	20,0	96,0	32,0	11,5	48,0	48,0	16,0	20,0
SD101-12.50/12.99-20-16R7	02445791	12,5-12,99	20,0	96,4	32,4	12,0	48,4	48,0	16,0	20,0
SD101-13.00/13.99-20-16R7	02445792	13,0-13,99	20,0	96,8	32,8	12,5	48,8	48,0	16,0	20,0
SD101-14.00/14.99-25-16R7	02445793	14,0-14,99	25,0	102,4	38,4	13,5	54,4	48,0	16,0	20,0
SD101-15.00/15.99-25-16R7	02445794	15,0-15,99	25,0	103,3	39,3	14,5	55,3	48,0	16,0	20,0
SD101-16.00/16.99-25-16R7	02445795	16,0-16,99	25,0	104,0	40,0	15,5	56,0	48,0	16,0	20,0
SD101-17.00/17.99-30-20R7	02445796	17,0-17,99	30,0	110,7	44,7	16,5	60,7	50,0	20,0	25,0
SD101-18.00/18.99-30-20R7	02445797	18,0-18,99	30,0	111,7	45,7	17,5	61,7	50,0	20,0	25,0
SD101-19.00/19.99-30-20R7	02445798	19,0-19,99	30,0	112,5	46,5	18,5	62,5	50,0	20,0	25,0
SD101-20.00/21.99-40-25R7	02462832	20,0-21,99	40,0	129,5	53,5	19,5	73,5	56,0	25,0	31,0
SD101-22.00/23.99-40-25R7	02462833	22,0-23,99	40,0	129,5	53,5	21,5	73,5	56,0	25,0	31,0
SD101-24.00/25.99-40-25R7	02462834	24,0-25,99	40,0	129,5	53,5	23,5	73,5	56,0	25,0	31,0

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio
			
12,00-13,99	H1.5-2D	MP6SS3X12	SD101-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD101-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD101-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD101-SP-8.0

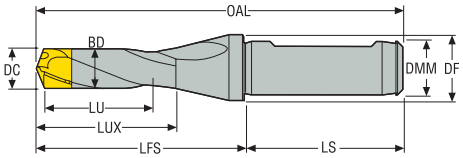
Accessori

Bit	Chiave dinamometrica
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD101 – R7

Profondità di foratura ~ 1,5 x D – Codolo in pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 199

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD101-12.00/12.49-20-0625R7	02445817	0.472-0.492	0.787	3.780	1.260	0.453	1.890	1.890	0.625	0.787
SD101-12.50/12.99-20-0625R7	02445818	0.492-0.511	0.787	3.795	1.276	0.472	1.906	1.890	0.625	0.787
SD101-13.00/13.99-20-0625R7	02445819	0.512-0.551	0.787	3.811	1.291	0.492	1.921	1.890	0.625	0.787
SD101-14.00/14.99-25-0625R7	02445820	0.551-0.590	0.984	4.031	1.512	0.531	2.142	1.890	0.625	0.787
SD101-15.00/15.99-25-0625R7	02445821	0.591-0.630	0.984	4.067	1.547	0.571	2.177	1.890	0.625	0.787
SD101-16.00/16.99-25-0625R7	02445822	0.630-0.669	0.984	4.094	1.575	0.610	2.205	1.890	0.625	0.787
SD101-17.00/17.99-30-0750R7	02445823	0.669-0.708	1.181	4.358	1.760	0.650	2.390	1.969	0.750	0.984
SD101-18.00/18.99-30-0750R7	02445824	0.709-0.748	1.181	4.398	1.799	0.689	2.429	1.969	0.750	0.984
SD101-19.00/19.99-30-0750R7	02445825	0.748-0.787	1.181	4.429	1.831	0.728	2.461	1.969	0.750	0.984
SD101-20.00/21.99-40-1000R7	02466044	0.787-0.866	1.575	5.098	2.106	0.768	2.894	2.205	1.000	1.220
SD101-22.00/23.99-40-1000R7	02466045	0.866-0.944	1.575	5.098	2.106	0.846	2.894	2.205	1.000	1.220
SD101-24.00/25.99-40-1000R7	02466046	0.945-1.023	1.575	5.098	2.106	0.925	2.894	2.205	1.000	1.220

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio
			
0.472-0.551	H1.5-2D	MP6SS3X12	SD101-SP-5.0
0.551-0.669	H2.0-2D	MP6SS4X12	SD101-SP-6.0
0.669-0.787	H2.5-2D	MP6SS5X16	SD101-SP-7.0
0.787-1.023	H2.5-2D	MP6SS5X16	SD101-SP-8.0

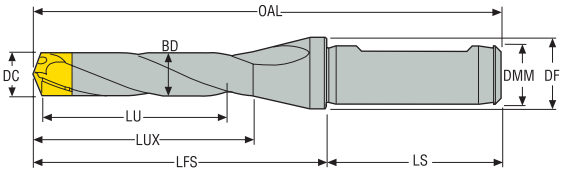
Accessori

Bit	Chiave dinamometrica
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD103 – R7

Profondità di foratura ~ 3 x D – Codolo metrico





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 200

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD103-10.00/10.49-30-16R7	02462815	10,0-10,49	30,0	101,0	38,0	9,5	53,0	48,0	16,0	20,0
SD103-10.50/10.99-30-16R7	02462818	10,5-10,99	30,0	101,0	38,0	10,0	53,0	48,0	16,0	20,0
SD103-11.00/11.49-30-16R7	02462819	11,0-11,49	30,0	101,0	38,0	10,5	53,0	48,0	16,0	20,0
SD103-11.50/11.99-30-16R7	02462820	11,5-11,99	30,0	101,0	38,0	11,0	53,0	48,0	16,0	20,0
SD103-12.00/12.49-40-16R7	02445799	12,0-12,49	40,0	116,0	48,0	11,5	68,0	48,0	16,0	20,0
SD103-12.50/12.99-40-16R7	02445800	12,5-12,99	40,0	116,4	48,4	12,0	68,4	48,0	16,0	20,0
SD103-13.00/13.99-40-16R7	02445801	13,0-13,99	40,0	116,8	48,8	12,5	68,8	48,0	16,0	20,0
SD103-14.00/14.99-50-16R7	02445802	14,0-14,99	50,0	127,4	59,4	13,5	79,4	48,0	16,0	20,0
SD103-15.00/15.99-50-16R7	02445803	15,0-15,99	50,0	128,3	60,3	14,5	80,3	48,0	16,0	20,0
SD103-16.00/16.99-50-16R7	02445804	16,0-16,99	50,0	129,0	61,0	15,5	81,0	48,0	16,0	20,0
SD103-17.00/17.99-60-20R7	02445805	17,0-17,99	60,0	140,7	67,7	16,5	90,7	50,0	20,0	25,0
SD103-18.00/18.99-60-20R7	02445806	18,0-18,99	60,0	141,7	68,7	17,5	91,7	50,0	20,0	25,0
SD103-19.00/19.99-60-20R7	02445807	19,0-19,99	60,0	142,5	69,5	18,5	92,7	50,0	20,0	25,0
SD103-20.00/21.99-75-25R7	02462836	20,0-21,99	75,0	164,5	88,5	19,5	108,5	56,0	25,0	31,0
SD103-22.00/23.99-75-25R7	02462838	22,0-23,99	75,0	164,5	88,5	21,5	108,5	56,0	25,0	31,0
SD103-24.00/25.99-75-25R7	02462841	24,0-25,99	75,0	164,5	88,5	23,5	108,5	56,0	25,0	31,0

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio
			
10,00-11,99	H1.5-2D	MP6SS3X12	SD103-SP-4.0
12,00-13,99	H1.5-2D	MP6SS3X12	SD103-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD103-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD103-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD103-SP-8.0

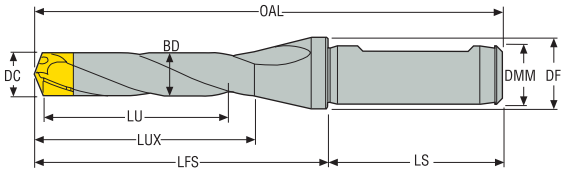
Accessori

Bit	Chiave dinamometrica
	
H00-1.5	H00-1509
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD103 – R7

Profondità di foratura ~ 3 x D – Codolo in pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 200

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD103-09.50/09.99-30-0625R7	02673828	0.374-0.393	1.181	4.252	1.835	0.354	2.323	1.969	0.625	0.787
SD103-10.00/10.49-30-0625R7	02466011	0.394-0.413	1.181	3.976	1.496	0.374	2.087	1.890	0.625	0.787
SD103-10.50/10.99-30-0625R7	02466012	0.413-0.433	1.181	3.976	1.496	0.394	2.087	1.890	0.625	0.787
SD103-11.00/11.49-30-0625R7	02466013	0.433-0.452	1.181	3.976	1.496	0.413	2.087	1.890	0.625	0.787
SD103-11.50/11.99-30-0625R7	02466014	0.453-0.472	1.181	3.976	1.496	0.433	2.087	1.890	0.625	0.787
SD103-12.00/12.49-40-0625R7	02445826	0.472-0.492	1.575	4.567	1.890	0.453	2.677	1.890	0.625	0.787
SD103-12.50/12.99-40-0625R7	02445827	0.492-0.511	1.575	4.583	1.906	0.472	2.693	1.890	0.625	0.787
SD103-13.00/13.99-40-0625R7	02445828	0.512-0.551	1.575	4.598	1.921	0.492	2.709	1.890	0.625	0.787
SD103-14.00/14.99-50-0625R7	02445829	0.551-0.590	1.969	5.016	2.339	0.531	3.126	1.890	0.625	0.787
SD103-15.00/15.99-50-0625R7	02445830	0.591-0.630	1.969	5.051	2.374	0.571	3.161	1.890	0.625	0.787
SD103-16.00/16.99-50-0625R7	02445831	0.630-0.669	1.969	5.079	2.402	0.610	3.189	1.890	0.625	0.787
SD103-17.00/17.99-60-0750R7	02445832	0.669-0.708	2.362	5.539	2.665	0.650	3.571	1.969	0.750	0.984
SD103-18.00/18.99-60-0750R7	02445833	0.709-0.748	2.362	5.579	2.705	0.689	3.610	1.969	0.750	0.984
SD103-19.00/19.99-60-0750R7	02445834	0.748-0.787	2.362	5.610	2.736	0.728	3.650	1.969	0.750	0.984
SD103-20.00/21.99-75-1000R7	02466049	0.787-0.866	2.953	6.476	3.484	0.768	4.272	2.205	1.000	1.220
SD103-22.00/23.99-75-1000R7	02466050	0.866-0.944	2.953	6.476	3.484	0.846	4.272	2.205	1.000	1.220
SD103-24.00/25.99-75-1000R7	02466051	0.945-1.023	2.953	6.476	3.484	0.925	4.272	2.205	1.000	1.220

Parti di ricambio, comprese nella fornitura

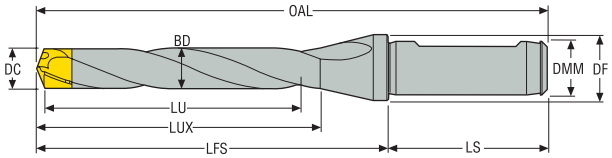
Accessori

Per punta diametro (pollici)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio	Bit	Chiave dinamometrica
					
0.374-0.393	H1.5-2D	MP6SS3X12	–	H00-1.5	H00-1509
0.394-0.472	H1.5-2D	MP6SS3X12	SD103-SP-4.0	H00-1.5	H00-1509
0.472-0.551	H1.5-2D	MP6SS3X12	SD103-SP-5.0	H00-1.5	H00-1509
0.551-0.669	H2.0-2D	MP6SS4X12	SD103-SP-6.0	H00-2.0	H00-2020
0.669-0.787	H2.5-2D	MP6SS5X16	SD103-SP-7.0	H00-2.5	H00-2530
0.787-1.023	H2.5-2D	MP6SS5X16	SD103-SP-8.0	H00-2.5	H00-2535

SD105 – R7

Profondità di foratura ~ 5 x D – Codolo metrico





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 201

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD105-10.00/10.49-50-16R7	02462822	10,0-10,49	50,0	120,1	57,3	9,5	72,1	48,0	16,0	20,0
SD105-10.50/10.99-50-16R7	02462824	10,5-10,99	50,0	120,6	57,3	10,0	72,6	48,0	16,0	20,0
SD105-11.00/11.49-50-16R7	02462828	11,0-11,49	50,0	120,9	57,3	10,5	72,9	48,0	16,0	20,0
SD105-11.50/11.99-50-16R7	02462830	11,5-11,99	50,0	121,3	58,3	11,0	73,3	48,0	16,0	20,0
SD105-12.00/12.49-65-16R7	02445808	12,0-12,49	65,0	141,0	73,0	11,5	93,0	48,0	16,0	20,0
SD105-12.50/12.99-65-16R7	02445809	12,5-12,99	65,0	141,4	73,4	12,0	93,4	48,0	16,0	20,0
SD105-13.00/13.99-65-16R7	02445810	13,0-13,99	65,0	141,8	73,8	12,5	93,8	48,0	16,0	20,0
SD105-14.00/14.99-80-16R7	02445811	14,0-14,99	80,0	157,4	89,4	13,5	109,4	48,0	16,0	20,0
SD105-15.00/15.99-80-16R7	02445812	15,0-15,99	80,0	158,3	90,3	14,5	110,3	48,0	16,0	20,0
SD105-16.00/16.99-80-16R7	02445813	16,0-16,99	80,0	159,0	91,0	15,5	111,0	48,0	16,0	20,0
SD105-17.00/17.99-95-20R7	02445814	17,0-17,99	95,0	176,7	107,7	16,5	126,7	50,0	20,0	25,0
SD105-18.00/18.99-95-20R7	02445815	18,0-18,99	95,0	177,7	108,7	17,5	127,7	50,0	20,0	25,0
SD105-19.00/19.99-95-20R7	02445816	19,0-19,99	95,0	178,5	109,5	18,5	128,5	50,0	20,0	25,0
SD105-20.00/21.99-125-25R7	02462843	20,0-21,99	125,0	214,5	138,5	19,5	158,5	56,0	25,0	31,0
SD105-22.00/23.99-125-25R7	02462848	22,0-23,99	125,0	214,5	138,5	21,5	158,5	56,0	25,0	31,0
SD105-24.00/25.99-125-25R7	02462850	24,0-25,99	125,0	214,5	138,5	23,5	158,5	56,0	25,0	31,0

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio
			
10,00-11,99	H1.5-2D	MP6SS3X12	SD105-SP-4.0
12,00-13,99	H1.5-2D	MP6SS3X12	SD105-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD105-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD105-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD105-SP-8.0

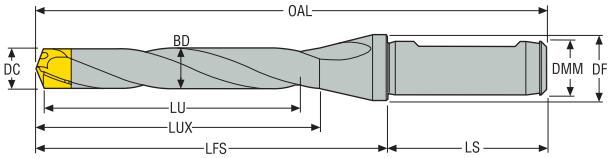
Accessori

Bit	Chiave dinamometrica
	
H00-1.5	H00-1509
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD105 – R7

Profondità di foratura ~ 5 x D – Codolo in pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 201

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD105-10.00/10.49-50-0625R7	02466034	0.394-0.413	1.969	4.728	2.256	0.374	2.839	1.890	0.625	0.787
SD105-10.50/10.99-50-0625R7	02466037	0.413-0.433	1.969	4.748	2.256	0.394	2.858	1.890	0.625	0.787
SD105-11.00/11.49-50-0625R7	02466041	0.433-0.452	1.969	4.760	2.256	0.413	2.870	1.890	0.625	0.787
SD105-11.50/11.99-50-0625R7	02466042	0.453-0.472	1.969	4.776	2.295	0.433	2.886	1.890	0.625	0.787
SD105-12.00/12.49-65-0625R7	02445835	0.472-0.492	2.559	5.551	2.874	0.453	3.661	1.890	0.625	0.787
SD105-12.50/12.99-65-0625R7	02445836	0.492-0.511	2.559	5.567	2.890	0.472	3.677	1.890	0.625	0.787
SD105-13.00/13.99-65-0625R7	02445837	0.512-0.551	2.559	5.583	2.906	0.492	3.693	1.890	0.625	0.787
SD105-14.00/14.99-80-0625R7	02445838	0.551-0.590	3.150	6.197	3.520	0.531	4.307	1.890	0.625	0.787
SD105-15.00/15.99-80-0625R7	02445839	0.591-0.630	3.150	6.232	3.555	0.571	4.343	1.890	0.625	0.787
SD105-16.00/16.99-80-0625R7	02445840	0.630-0.669	3.150	6.260	3.583	0.610	4.370	1.890	0.625	0.787
SD105-17.00/17.99-95-0750R7	02445841	0.669-0.708	3.740	6.957	4.240	0.650	4.988	1.969	0.750	0.984
SD105-18.00/18.99-95-0750R7	02445842	0.709-0.748	3.740	6.996	4.280	0.689	5.028	1.969	0.750	0.984
SD105-19.00/19.99-95-0750R7	02445843	0.748-0.787	3.740	7.028	4.311	0.728	5.059	1.969	0.750	0.984
SD105-20.00/21.99-125-1000R7	02466052	0.787-0.866	4.921	8.445	5.453	0.768	6.240	2.205	1.000	1.220
SD105-22.00/23.99-125-1000R7	02466053	0.866-0.944	4.921	8.445	5.453	0.846	6.240	2.205	1.000	1.220
SD105-24.00/25.99-125-1000R7	02466054	0.945-1.023	4.921	8.445	5.453	0.925	6.240	2.205	1.000	1.220

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio
			
0.394-0.472	H1.5-2D	MP6SS3X12	SD105-SP-4.0
0.472-0.551	H1.5-2D	MP6SS3X12	SD105-SP-5.0
0.551-0.669	H2.0-2D	MP6SS4X12	SD105-SP-6.0
0.669-0.787	H2.5-2D	MP6SS5X16	SD105-SP-7.0
0.787-1.023	H2.5-2D	MP6SS5X16	SD105-SP-8.0

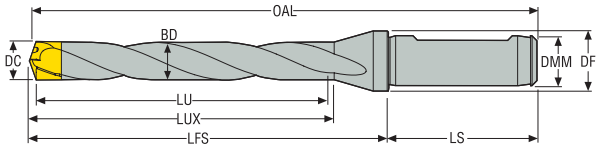
Accessori

Bit	Chiave dinamometrica
	
H00-1.5	H00-1509
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD107 – R7

Profondità di foratura ~ 7 x D – Codolo metrico





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 202

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm	mm
SD107-12.00/12.49-90-16R7	02427470	12,0-12,49	90,0	166,5	100,5	11,5	118,5	48,0	16,0	20,0
SD107-12.50/12.99-90-16R7	02427472	12,5-12,99	90,0	167,0	101,0	12,0	119,0	48,0	16,0	20,0
SD107-13.00/13.99-90-16R7	02427473	13,0-13,99	90,0	167,5	101,5	12,5	119,5	48,0	16,0	20,0
SD107-14.00/14.99-110-16R7	02427474	14,0-14,99	110,0	188,0	122,0	13,5	140,0	48,0	16,0	20,0
SD107-15.00/15.99-110-16R7	02427476	15,0-15,99	110,0	189,0	123,0	14,5	141,0	48,0	16,0	20,0
SD107-16.00/16.99-110-16R7	02427443	16,0-16,99	110,0	189,5	123,5	15,5	141,5	48,0	16,0	20,0
SD107-17.00/17.99-130-20R7	02427478	17,0-17,99	130,0	212,5	144,5	16,5	162,5	50,0	20,0	25,0
SD107-18.00/18.99-130-20R7	02427479	18,0-18,99	130,0	213,5	145,5	17,5	163,5	50,0	20,0	25,0
SD107-19.00/19.99-130-20R7	02427480	19,0-19,99	130,0	214,5	146,5	18,5	164,5	50,0	20,0	25,0
SD107-20.00/21.99-175-25R7	02530422	20,0-21,99	175,0	264,5	188,5	19,5	208,5	56,0	25,0	31,0
SD107-22.00/23.99-175-25R7	02530423	22,0-23,99	175,0	264,5	188,5	21,5	208,5	56,0	25,0	31,0
SD107-24.00/25.99-175-25R7	02517867	24,0-25,99	175,0	264,5	188,5	23,5	208,5	56,0	25,0	31,0

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio
			
12,00-13,99	H1.5-2D	MP6SS3X12	SD107-SP-5.0
14,00-16,99	H2.0-2D	MP6SS4X12	SD107-SP-6.0
17,00-19,99	H2.5-2D	MP6SS5X16	SD107-SP-7.0
20,00-25,99	H2.5-2D	MP6SS5X16	SD107-SP-8.0

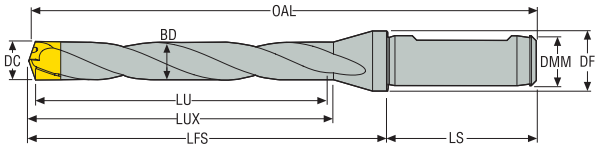
Accessori

Bit	Chiave dinamometrica
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

SD107 – R7

Profondità di foratura ~ 7 x D – Codolo in pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 202

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	BD	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD107-12.00/12.49-90-0625R7	00040003	0.472-0.492	3.543	6.555	3.957	0.453	4.665	1.890	0.625	0.787
SD107-12.50/12.99-90-0625R7	00040004	0.492-0.511	3.543	6.575	3.976	0.472	4.685	1.890	0.625	0.787
SD107-13.00/13.99-90-0625R7	00040005	0.512-0.551	3.543	6.594	3.996	0.492	4.705	1.890	0.625	0.787
SD107-14.00/14.99-110-0625R7	00040006	0.551-0.590	4.331	7.402	4.803	0.531	5.512	1.890	0.625	0.787
SD107-15.00/15.99-110-0625R7	00040007	0.591-0.630	4.331	7.441	4.843	0.571	5.551	1.890	0.625	0.787
SD107-16.00/16.99-110-0625R7	00040008	0.630-0.669	4.331	7.461	4.862	0.610	5.571	1.890	0.625	0.787
SD107-17.00/17.99-130-0750R7	00040009	0.669-0.708	5.118	8.366	5.689	0.650	6.398	1.969	0.750	0.984
SD107-18.00/18.99-130-0750R7	00040010	0.709-0.748	5.118	8.406	5.728	0.689	6.437	1.969	0.750	0.984
SD107-19.00/19.99-130-0750R7	00040011	0.748-0.787	5.118	8.445	5.768	0.728	6.476	1.969	0.750	0.984
SD107-20.00/21.99-175-1000R7	02529095	0.787-0.866	6.890	10.413	7.421	0.768	8.209	2.205	1.000	1.220
SD107-22.00/23.99-175-1000R7	02530424	0.866-0.944	6.890	10.413	7.421	0.846	8.209	2.205	1.000	1.220
SD107-24.00/25.99-175-1000R7	02530425	0.945-1.023	6.890	10.413	7.421	0.925	8.209	2.205	1.000	1.220

Parti di ricambio, comprese nella fornitura

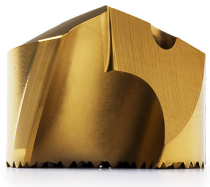
Per punta diametro (pollici)	Chiave di bloccaggio	Vite di bloccaggio	Kit parti di ricambio
			
0.472-0.551	H1.5-2D	MP6SS3X12	SD107-SP-5.0
0.551-0.669	H2.0-2D	MP6SS4X12	SD107-SP-6.0
0.669-0.787	H2.5-2D	MP6SS5X16	SD107-SP-7.0
0.787-1.023	H2.5-2D	MP6SS5X16	SD107-SP-8.0

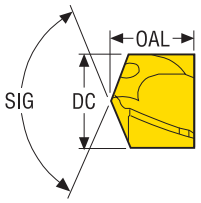
Accessori

Bit	Chiave dinamometrica
	
H00-1.5	H00-1509
H00-2.0	H00-2020
H00-2.5	H00-2530
H00-2.5	H00-2535

Corone – Geometria -P, -M e -K

Angolo di punta 140°



Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	Geometria -K per ghisa	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-9.52-M	02700334	–	■	–	9,52	*0.375*	8,08	*0.318*
SD100-9.52-P	02673829	■	–	–	9,52	*0.375*	8,08	*0.318*
SD100-10.00-M	02469072	–	■	–	10,0	*0.394*	8,1	*0.319*
SD100-10.00-P	02469022	■	–	–	10,0	*0.394*	8,1	*0.319*
SD100-10.10-P	02469024	■	–	–	10,1	*0.398*	8,1	*0.319*
SD100-10.20-K	02544440	–	–	■	10,2	*0.402*	8,1	*0.319*
SD100-10.20-M	02469074	–	■	–	10,2	*0.402*	8,1	*0.319*
SD100-10.20-P	02469025	■	–	–	10,2	*0.402*	8,1	*0.319*
SD100-10.30-P	02469026	■	–	–	10,3	*0.406*	8,1	*0.319*
SD100-10.319-M	02469075	–	■	–	10,319	*0.406*	8,1	*0.319*
SD100-10.319-P	02469027	■	–	–	10,319	*0.406*	8,1	*0.319*
SD100-10.40-P	02592734	■	–	–	10,4	*0.409*	8,1	*0.319*
SD100-10.50-K	02556726	–	–	■	10,5	*0.413*	8,5	*0.335*
SD100-10.50-M	02469076	–	■	–	10,5	*0.413*	8,5	*0.335*
SD100-10.50-P	02469034	■	–	–	10,5	*0.413*	8,5	*0.335*
SD100-10.70-P	02469036	■	–	–	10,7	*0.421*	8,5	*0.335*
SD100-10.716-P	02469037	■	–	–	10,716	*0.422*	8,5	*0.335*
SD100-10.80-M	02469078	–	■	–	10,8	*0.425*	8,5	*0.335*
SD100-10.80-P	02469038	■	–	–	10,8	*0.425*	8,5	*0.335*
SD100-10.90-P	02469041	■	–	–	10,9	*0.429*	8,5	*0.335*
SD100-11.00-M	02469079	–	■	–	11,0	*0.433*	8,8	*0.346*
SD100-11.00-P	02469052	■	–	–	11,0	*0.433*	8,8	*0.346*
SD100-11.113-M	02469080	–	■	–	11,113	*0.438*	8,8	*0.346*
SD100-11.113-P	02469056	■	–	–	11,113	*0.438*	8,8	*0.346*
SD100-11.20-M	02469082	–	■	–	11,2	*0.441*	8,8	*0.346*
SD100-11.20-P	02469058	■	–	–	11,2	*0.441*	8,8	*0.346*
SD100-11.30-P	02469063	■	–	–	11,3	*0.445*	8,8	*0.346*
SD100-11.50-P	02469065	■	–	–	11,5	*0.453*	9,4	*0.370*
SD100-11.509-M	02469083	–	■	–	11,509	*0.453*	9,4	*0.370*
SD100-11.509-P	02469067	■	–	–	11,509	*0.453*	9,4	*0.370*
SD100-11.70-P	02469068	■	–	–	11,7	*0.461*	9,4	*0.370*
SD100-11.80-K	02542583	–	–	■	11,8	*0.465*	9,4	*0.370*
SD100-11.80-M	02469085	–	■	–	11,8	*0.465*	9,4	*0.370*
SD100-11.80-P	02469069	■	–	–	11,8	*0.465*	9,4	*0.370*
SD100-11.907-M	02592744	–	■	–	11,907	*0.469*	9,4	*0.370*
SD100-11.907-P	02469070	■	–	–	11,907	*0.469*	9,4	*0.370*
SD100-12.00-K	00090316	–	–	■	12,0	*0.472*	9,6	*0.378*
SD100-12.00-M	00090315	–	■	–	12,0	*0.472*	9,6	*0.378*
SD100-12.00-P	00090314	■	–	–	12,0	*0.472*	9,6	*0.378*
SD100-12.10-P	00039002	■	–	–	12,1	*0.476*	9,6	*0.378*
SD100-12.20-P	00048248	■	–	–	12,2	*0.480*	9,6	*0.378*
SD100-12.30-M	00071559	–	■	–	12,3	*0.484*	9,6	*0.378*
SD100-12.30-P	00071546	■	–	–	12,3	*0.484*	9,6	*0.378*

Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	Geometria -K per ghisa	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-12.41-M	00059768	–	■	–	12,41	*0.489*	9,6	*0.378*
SD100-12.41-P	00059767	■	–	–	12,41	*0.489*	9,6	*0.378*
SD100-12.50-K	00090319	–	–	■	12,5	*0.492*	10,0	*0.394*
SD100-12.50-M	00090318	–	■	–	12,5	*0.492*	10,0	*0.394*
SD100-12.50-P	00090317	■	–	–	12,5	*0.492*	10,0	*0.394*
SD100-12.60-P	02207212	■	–	–	12,6	*0.496*	10,0	*0.394*
SD100-12.70-K	00059633	–	–	■	12,7	*0.500*	10,0	*0.394*
SD100-12.70-M	00059632	–	■	–	12,7	*0.500*	10,0	*0.394*
SD100-12.70-P	00059631	■	–	–	12,7	*0.500*	10,0	*0.394*
SD100-12.80-K	00059636	–	–	■	12,8	*0.504*	10,0	*0.394*
SD100-12.80-M	00059635	–	■	–	12,8	*0.504*	10,0	*0.394*
SD100-12.80-P	00059634	■	–	–	12,8	*0.504*	10,0	*0.394*
SD100-12.90-M	02503935	–	■	–	12,9	*0.508*	10,0	*0.394*
SD100-12.90-P	00030891	■	–	–	12,9	*0.508*	10,0	*0.394*
SD100-13.00-K	00098529	–	–	■	13,0	*0.512*	10,4	*0.409*
SD100-13.00-M	00098528	–	■	–	13,0	*0.512*	10,4	*0.409*
SD100-13.00-P	00098527	■	–	–	13,0	*0.512*	10,4	*0.409*
SD100-13.10-K	00059639	–	–	■	13,1	*0.516*	10,4	*0.409*
SD100-13.10-M	00059638	–	■	–	13,1	*0.516*	10,4	*0.409*
SD100-13.10-P	00059637	■	–	–	13,1	*0.516*	10,4	*0.409*
SD100-13.20-P	00030894	■	–	–	13,2	*0.520*	10,4	*0.409*
SD100-13.30-M	00059641	–	■	–	13,3	*0.524*	10,4	*0.409*
SD100-13.30-P	00059640	■	–	–	13,3	*0.524*	10,4	*0.409*
SD100-13.50-K	00098532	–	–	■	13,5	*0.531*	10,4	*0.409*
SD100-13.50-M	00098531	–	■	–	13,5	*0.531*	10,4	*0.409*
SD100-13.50-P	00098530	■	–	–	13,5	*0.531*	10,4	*0.409*
SD100-13.70-M	00059644	–	■	–	13,7	*0.539*	10,4	*0.409*
SD100-13.70-P	00059643	■	–	–	13,7	*0.539*	10,4	*0.409*
SD100-13.80-K	00059648	–	–	■	13,8	*0.543*	10,4	*0.409*
SD100-13.80-M	00059647	–	■	–	13,8	*0.543*	10,4	*0.409*
SD100-13.80-P	00059646	■	–	–	13,8	*0.543*	10,4	*0.409*
SD100-13.89-M	00059771	–	■	–	13,89	*0.547*	10,4	*0.409*
SD100-13.89-P	00059770	■	–	–	13,89	*0.547*	10,4	*0.409*
SD100-14.00-K	00090322	–	–	■	14,0	*0.551*	11,0	*0.433*
SD100-14.00-M	00090321	–	■	–	14,0	*0.551*	11,0	*0.433*
SD100-14.00-P	00090320	■	–	–	14,0	*0.551*	11,0	*0.433*
SD100-14.10-P	00082712	■	–	–	14,1	*0.555*	11,0	*0.433*
SD100-14.20-K	00071549	–	–	■	14,2	*0.559*	11,0	*0.433*
SD100-14.20-M	00071561	–	■	–	14,2	*0.559*	11,0	*0.433*
SD100-14.20-P	00071548	■	–	–	14,2	*0.559*	11,0	*0.433*
SD100-14.29-K	00059675	–	–	■	14,29	*0.563*	11,0	*0.433*
SD100-14.29-M	00059674	–	■	–	14,29	*0.563*	11,0	*0.433*
SD100-14.29-P	00059673	■	–	–	14,29	*0.563*	11,0	*0.433*
SD100-14.40-P	02207869	■	–	–	14,4	*0.567*	11,0	*0.433*
SD100-14.50-K	00090325	–	–	■	14,5	*0.571*	11,0	*0.433*
SD100-14.50-M	00090324	–	■	–	14,5	*0.571*	11,0	*0.433*
SD100-14.50-P	00090323	■	–	–	14,5	*0.571*	11,0	*0.433*
SD100-14.68-K	00059775	–	–	■	14,68	*0.578*	11,0	*0.433*
SD100-14.68-M	00059774	–	■	–	14,68	*0.578*	11,0	*0.433*
SD100-14.68-P	00059773	■	–	–	14,68	*0.578*	11,0	*0.433*
SD100-14.70-M	00059650	–	■	–	14,7	*0.579*	11,0	*0.433*
SD100-14.70-P	00059649	■	–	–	14,7	*0.579*	11,0	*0.433*

Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	Geometria -K per ghisa	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-14.80-M	00059653	–	■	–	14,8	*0.583*	11,0	*0.433*
SD100-14.80-P	00059652	■	–	–	14,8	*0.583*	11,0	*0.433*
SD100-14.90-M	02592745	–	■	–	14,9	*0.587*	11,0	*0.433*
SD100-14.90-P	00030895	■	–	–	14,9	*0.587*	11,0	*0.433*
SD100-15.00-K	00090328	–	–	■	15,0	*0.591*	11,9	*0.469*
SD100-15.00-M	00090327	–	■	–	15,0	*0.591*	11,9	*0.469*
SD100-15.00-P	00090326	■	–	–	15,0	*0.591*	11,9	*0.469*
SD100-15.08-M	00059777	–	■	–	15,08	*0.594*	11,9	*0.469*
SD100-15.08-P	00059776	■	–	–	15,08	*0.594*	11,9	*0.469*
SD100-15.10-P	00079342	■	–	–	15,1	*0.594*	11,9	*0.469*
SD100-15.20-P	00030896	■	–	–	15,2	*0.598*	11,9	*0.469*
SD100-15.25-K	00071551	–	–	■	15,25	*0.600*	11,9	*0.469*
SD100-15.25-M	00071562	–	■	–	15,25	*0.600*	11,9	*0.469*
SD100-15.25-P	00071550	■	–	–	15,25	*0.600*	11,9	*0.469*
SD100-15.48-K	00022926	–	–	■	15,48	*0.609*	11,9	*0.469*
SD100-15.48-M	00059780	–	■	–	15,48	*0.609*	11,9	*0.469*
SD100-15.48-P	00059779	■	–	–	15,48	*0.609*	11,9	*0.469*
SD100-15.50-K	00098535	–	–	■	15,5	*0.610*	11,9	*0.469*
SD100-15.50-M	00098534	–	■	–	15,5	*0.610*	11,9	*0.469*
SD100-15.50-P	00098533	■	–	–	15,5	*0.610*	11,9	*0.469*
SD100-15.70-M	00059656	–	■	–	15,7	*0.618*	11,9	*0.469*
SD100-15.70-P	00059655	■	–	–	15,7	*0.618*	11,9	*0.469*
SD100-15.80-K	00059660	–	–	■	15,8	*0.622*	11,9	*0.469*
SD100-15.80-M	00059659	–	■	–	15,8	*0.622*	11,9	*0.469*
SD100-15.80-P	00059658	■	–	–	15,8	*0.622*	11,9	*0.469*
SD100-15.88-K	00059678	–	–	■	15,88	*0.625*	11,9	*0.469*
SD100-15.88-M	00059677	–	■	–	15,88	*0.625*	11,9	*0.469*
SD100-15.88-P	00059676	■	–	–	15,88	*0.625*	11,9	*0.469*
SD100-16.00-K	00098538	–	–	■	16,0	*0.630*	12,6	*0.496*
SD100-16.00-M	00098537	–	■	–	16,0	*0.630*	12,6	*0.496*
SD100-16.00-P	00098536	■	–	–	16,0	*0.630*	12,6	*0.496*
SD100-16.10-P	00077964	■	–	–	16,1	*0.634*	12,6	*0.496*
SD100-16.20-P	00047365	■	–	–	16,2	*0.638*	12,6	*0.496*
SD100-16.25-P	00034081	■	–	–	16,25	*0.640*	12,6	*0.496*
SD100-16.27-K	00022929	–	–	■	16,27	*0.641*	12,6	*0.496*
SD100-16.27-M	00022928	–	■	–	16,27	*0.641*	12,6	*0.496*
SD100-16.27-P	00022927	■	–	–	16,27	*0.641*	12,6	*0.496*
SD100-16.40-P	02301114	■	–	–	16,4	*0.646*	12,6	*0.496*
SD100-16.50-K	00098541	–	–	■	16,5	*0.650*	12,6	*0.496*
SD100-16.50-M	00098540	–	■	–	16,5	*0.650*	12,6	*0.496*
SD100-16.50-P	00098539	■	–	–	16,5	*0.650*	12,6	*0.496*
SD100-16.67-K	00059681	–	–	■	16,67	*0.656*	12,6	*0.496*
SD100-16.67-M	00059680	–	■	–	16,67	*0.656*	12,6	*0.496*
SD100-16.67-P	00059679	■	–	–	16,67	*0.656*	12,6	*0.496*
SD100-16.70-K	00059663	–	–	■	16,7	*0.657*	12,6	*0.496*
SD100-16.70-M	00059662	–	■	–	16,7	*0.657*	12,6	*0.496*
SD100-16.70-P	00059661	■	–	–	16,7	*0.657*	12,6	*0.496*
SD100-16.80-K	00059666	–	–	■	16,8	*0.661*	12,6	*0.496*
SD100-16.80-M	00059665	–	■	–	16,8	*0.661*	12,6	*0.496*
SD100-16.80-P	00059664	■	–	–	16,8	*0.661*	12,6	*0.496*
SD100-16.90-M	02593463	–	■	–	16,9	*0.665*	12,6	*0.496*
SD100-16.90-P	00030898	■	–	–	16,9	*0.665*	12,6	*0.496*

Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	Geometria -K per ghisa	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-17.00-K	00090331	–	–	■	17,0	*0.669*	13,3	*0.524*
SD100-17.00-M	00090330	–	■	–	17,0	*0.669*	13,3	*0.524*
SD100-17.00-P	00090329	■	–	–	17,0	*0.669*	13,3	*0.524*
SD100-17.07-K	00022933	–	–	■	17,07	*0.672*	13,3	*0.524*
SD100-17.07-M	00022932	–	■	–	17,07	*0.672*	13,3	*0.524*
SD100-17.07-P	00022931	■	–	–	17,07	*0.672*	13,3	*0.524*
SD100-17.10-P	00034083	■	–	–	17,1	*0.673*	13,3	*0.524*
SD100-17.20-K	02515762	–	–	■	17,2	*0.677*	13,3	*0.524*
SD100-17.20-P	00047714	■	–	–	17,2	*0.677*	13,3	*0.524*
SD100-17.30-K	02203711	–	–	■	17,3	*0.681*	13,3	*0.524*
SD100-17.46-M	00059683	–	■	–	17,46	*0.687*	13,3	*0.524*
SD100-17.46-P	00059682	■	–	–	17,46	*0.687*	13,3	*0.524*
SD100-17.50-K	00090334	–	–	■	17,5	*0.689*	13,3	*0.524*
SD100-17.50-M	00090333	–	■	–	17,5	*0.689*	13,3	*0.524*
SD100-17.50-P	00090332	■	–	–	17,5	*0.689*	13,3	*0.524*
SD100-17.70-K	00059669	–	–	■	17,7	*0.697*	13,3	*0.524*
SD100-17.70-M	00059668	–	■	–	17,7	*0.697*	13,3	*0.524*
SD100-17.70-P	00059667	■	–	–	17,7	*0.697*	13,3	*0.524*
SD100-17.80-K	00059672	–	–	■	17,8	*0.701*	13,3	*0.524*
SD100-17.80-M	00059671	–	■	–	17,8	*0.701*	13,3	*0.524*
SD100-17.80-P	00059670	■	–	–	17,8	*0.701*	13,3	*0.524*
SD100-17.86-K	00022936	–	–	■	17,86	*0.703*	13,3	*0.524*
SD100-17.86-M	00022935	–	■	–	17,86	*0.703*	13,3	*0.524*
SD100-17.86-P	00022934	■	–	–	17,86	*0.703*	13,3	*0.524*
SD100-17.90-M	02442098	–	■	–	17,9	*0.705*	13,3	*0.524*
SD100-17.90-P	00047693	■	–	–	17,9	*0.705*	13,3	*0.524*
SD100-18.00-K	00090337	–	–	■	18,0	*0.709*	14,4	*0.567*
SD100-18.00-M	00090336	–	■	–	18,0	*0.709*	14,4	*0.567*
SD100-18.00-P	00090335	■	–	–	18,0	*0.709*	14,4	*0.567*
SD100-18.10-P	00030900	■	–	–	18,1	*0.713*	14,4	*0.567*
SD100-18.20-P	00038469	■	–	–	18,2	*0.717*	14,4	*0.567*
SD100-18.26-K	00035196	–	–	■	18,26	*0.719*	14,4	*0.567*
SD100-18.26-M	00022938	–	■	–	18,26	*0.719*	14,4	*0.567*
SD100-18.26-P	00022937	■	–	–	18,26	*0.719*	14,4	*0.567*
SD100-18.50-K	00059687	–	–	■	18,5	*0.728*	14,4	*0.567*
SD100-18.50-M	00059686	–	■	–	18,5	*0.728*	14,4	*0.567*
SD100-18.50-P	00059685	■	–	–	18,5	*0.728*	14,4	*0.567*
SD100-18.65-M	00035198	–	■	–	18,65	*0.734*	14,4	*0.567*
SD100-18.65-P	00035197	■	–	–	18,65	*0.734*	14,4	*0.567*
SD100-18.70-M	00059689	–	■	–	18,7	*0.736*	14,4	*0.567*
SD100-18.70-P	00059688	■	–	–	18,7	*0.736*	14,4	*0.567*
SD100-18.80-K	00059693	–	–	■	18,8	*0.740*	14,4	*0.567*
SD100-18.80-M	00059692	–	■	–	18,8	*0.740*	14,4	*0.567*
SD100-18.80-P	00059691	■	–	–	18,8	*0.740*	14,4	*0.567*
SD100-18.90-M	02592746	–	■	–	18,9	*0.744*	14,4	*0.567*
SD100-18.90-P	00030901	■	–	–	18,9	*0.744*	14,4	*0.567*
SD100-19.00-K	00059696	–	–	■	19,0	*0.748*	15,2	*0.598*
SD100-19.00-M	00059695	–	■	–	19,0	*0.748*	15,2	*0.598*
SD100-19.00-P	00059694	■	–	–	19,0	*0.748*	15,2	*0.598*
SD100-19.05-K	00059699	–	–	■	19,05	*0.750*	15,2	*0.598*
SD100-19.05-M	00059698	–	■	–	19,05	*0.750*	15,2	*0.598*
SD100-19.05-P	00059697	■	–	–	19,05	*0.750*	15,2	*0.598*

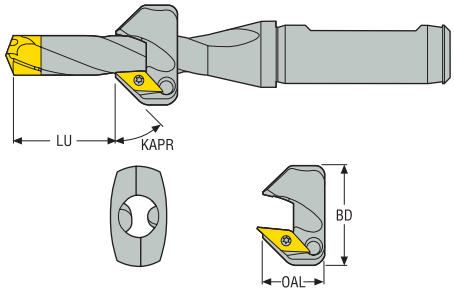
Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	Geometria -K per ghisa	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-19.10-P	00030902	■	–	–	19,1	*0.752*	15,2	*0.598*
SD100-19.20-K	00071566	–	–	■	19,2	*0.756*	15,2	*0.598*
SD100-19.20-M	00071564	–	■	–	19,2	*0.756*	15,2	*0.598*
SD100-19.20-P	00071563	■	–	–	19,2	*0.756*	15,2	*0.598*
SD100-19.25-P	00048318	■	–	–	19,25	*0.758*	15,2	*0.598*
SD100-19.45-K	00035202	–	–	■	19,45	*0.766*	15,2	*0.598*
SD100-19.45-M	00035201	–	■	–	19,45	*0.766*	15,2	*0.598*
SD100-19.45-P	00035200	■	–	–	19,45	*0.766*	15,2	*0.598*
SD100-19.50-K	00059702	–	–	■	19,5	*0.768*	15,2	*0.598*
SD100-19.50-M	00059701	–	■	–	19,5	*0.768*	15,2	*0.598*
SD100-19.50-P	00059700	■	–	–	19,5	*0.768*	15,2	*0.598*
SD100-19.70-K	00059705	–	–	■	19,7	*0.776*	15,2	*0.598*
SD100-19.70-M	00059704	–	■	–	19,7	*0.776*	15,2	*0.598*
SD100-19.70-P	00059703	■	–	–	19,7	*0.776*	15,2	*0.598*
SD100-19.80-K	00059708	–	–	■	19,8	*0.780*	15,2	*0.598*
SD100-19.80-M	00059707	–	■	–	19,8	*0.780*	15,2	*0.598*
SD100-19.80-P	00059706	■	–	–	19,8	*0.780*	15,2	*0.598*
SD100-19.84-M	00035204	–	■	–	19,84	*0.781*	15,2	*0.598*
SD100-19.84-P	00035203	■	–	–	19,84	*0.781*	15,2	*0.598*
SD100-19.90-M	02592747	–	■	–	19,9	*0.783*	15,2	*0.598*
SD100-19.90-P	00010065	■	–	–	19,9	*0.783*	15,2	*0.598*
SD100-19.99-P	00081744	■	–	–	19,99	*0.787*	15,2	*0.598*
SD100-20.00-K	02433368	–	–	■	20,0	*0.787*	15,2	*0.598*
SD100-20.00-M	02469176	–	■	–	20,0	*0.787*	15,2	*0.598*
SD100-20.00-P	02469095	■	–	–	20,0	*0.787*	15,2	*0.598*
SD100-20.241-P	02469096	■	–	–	20,241	*0.797*	15,2	*0.598*
SD100-20.50-K	02569177	–	–	■	20,5	*0.807*	15,2	*0.598*
SD100-20.50-M	02469178	–	■	–	20,5	*0.807*	15,2	*0.598*
SD100-20.50-P	02469098	■	–	–	20,5	*0.807*	15,2	*0.598*
SD100-20.638-M	02469179	–	■	–	20,638	*0.813*	15,2	*0.598*
SD100-20.638-P	02469100	■	–	–	20,638	*0.813*	15,2	*0.598*
SD100-20.80-P	02508750	■	–	–	20,8	*0.819*	15,2	*0.598*
SD100-20.90-P	02586615	■	–	–	20,9	*0.823*	15,2	*0.598*
SD100-21.00-K	02523183	–	–	■	21,0	*0.827*	15,2	*0.598*
SD100-21.00-M	02469180	–	■	–	21,0	*0.827*	15,2	*0.598*
SD100-21.00-P	02469118	■	–	–	21,0	*0.827*	15,2	*0.598*
SD100-21.034-P	02469120	■	–	–	21,034	*0.828*	15,2	*0.598*
SD100-21.20-P	02469121	■	–	–	21,2	*0.835*	15,2	*0.598*
SD100-21.30-P	02521624	■	–	–	21,3	*0.839*	15,2	*0.598*
SD100-21.430-M	02469182	–	■	–	21,43	*0.844*	15,2	*0.598*
SD100-21.430-P	02469122	■	–	–	21,43	*0.844*	15,2	*0.598*
SD100-21.50-K	02521338	–	–	■	21,5	*0.846*	15,2	*0.598*
SD100-21.50-M	02469183	–	■	–	21,5	*0.846*	15,2	*0.598*
SD100-21.50-P	02469124	■	–	–	21,5	*0.846*	15,2	*0.598*
SD100-21.80-K	02592763	–	–	■	21,8	*0.858*	15,2	*0.598*
SD100-21.80-M	02555978	–	■	–	21,8	*0.858*	15,2	*0.598*
SD100-21.80-P	02592735	■	–	–	21,8	*0.858*	15,2	*0.598*
SD100-21.829-P	02469125	■	–	–	21,829	*0.859*	15,2	*0.598*
SD100-21.90-M	02592752	–	■	–	21,9	*0.862*	15,2	*0.598*
SD100-21.90-P	02592736	■	–	–	21,9	*0.862*	15,2	*0.598*
SD100-22.00-K	02511599	–	–	■	22,0	*0.866*	15,2	*0.598*
SD100-22.00-M	02469185	–	■	–	22,0	*0.866*	15,2	*0.598*

Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	Geometria -K per ghisa	DC		OAL	
					mm	*inch*	mm	*inch*
SD100-22.00-P	02469128	■	–	–	22,0	*0.866*	15,2	*0.598*
SD100-22.225-M	02469186	–	■	–	22,225	*0.875*	15,2	*0.598*
SD100-22.225-P	02469129	■	–	–	22,225	*0.875*	15,2	*0.598*
SD100-22.50-K	02569178	–	–	■	22,5	*0.886*	15,2	*0.598*
SD100-22.50-M	02469188	–	■	–	22,5	*0.886*	15,2	*0.598*
SD100-22.50-P	02469132	■	–	–	22,5	*0.886*	15,2	*0.598*
SD100-22.621-P	02469133	■	–	–	22,621	*0.891*	15,2	*0.598*
SD100-22.80-M	02592754	–	■	–	22,8	*0.898*	15,2	*0.598*
SD100-22.80-P	02539323	■	–	–	22,8	*0.898*	15,2	*0.598*
SD100-22.90-P	02592738	■	–	–	22,9	*0.902*	15,2	*0.598*
SD100-23.00-K	02515181	–	–	■	23,0	*0.906*	15,2	*0.598*
SD100-23.00-M	02469189	–	■	–	23,0	*0.906*	15,2	*0.598*
SD100-23.00-P	02469134	■	–	–	23,0	*0.906*	15,2	*0.598*
SD100-23.416-P	02469136	■	–	–	23,416	*0.922*	15,2	*0.598*
SD100-23.50-K	02551252	–	–	■	23,5	*0.925*	15,2	*0.598*
SD100-23.50-M	02469190	–	■	–	23,5	*0.925*	15,2	*0.598*
SD100-23.50-P	02469138	■	–	–	23,5	*0.925*	15,2	*0.598*
SD100-23.813-K	02592766	–	–	■	23,813	*0.938*	15,2	*0.598*
SD100-23.813-M	02554971	–	■	–	23,813	*0.938*	15,2	*0.598*
SD100-23.813-P	02469140	■	–	–	23,813	*0.938*	15,2	*0.598*
SD100-23.90-M	02592756	–	■	–	23,9	*0.941*	15,2	*0.598*
SD100-23.90-P	02592739	■	–	–	23,9	*0.941*	15,2	*0.598*
SD100-24.00-K	02569179	–	–	■	24,0	*0.945*	15,2	*0.598*
SD100-24.00-M	02469191	–	■	–	24,0	*0.945*	15,2	*0.598*
SD100-24.00-P	02469141	■	–	–	24,0	*0.945*	15,2	*0.598*
SD100-24.209-P	02469142	■	–	–	24,209	*0.953*	15,2	*0.598*
SD100-24.50-K	02569180	–	–	■	24,5	*0.965*	15,2	*0.598*
SD100-24.50-M	02469192	–	■	–	24,5	*0.965*	15,2	*0.598*
SD100-24.50-P	02469144	■	–	–	24,5	*0.965*	15,2	*0.598*
SD100-24.605-P	02469145	■	–	–	24,605	*0.969*	15,2	*0.598*
SD100-24.80-K	02592767	–	–	■	24,8	*0.976*	15,2	*0.598*
SD100-24.80-M	02508165	–	■	–	24,8	*0.976*	15,2	*0.598*
SD100-24.80-P	02529665	■	–	–	24,8	*0.976*	15,2	*0.598*
SD100-24.90-M	02592757	–	■	–	24,9	*0.980*	15,2	*0.598*
SD100-24.90-P	02592740	■	–	–	24,9	*0.980*	15,2	*0.598*
SD100-25.00-K	02524629	–	–	■	25,0	*0.984*	15,2	*0.598*
SD100-25.00-M	02469193	–	■	–	25,0	*0.984*	15,2	*0.598*
SD100-25.00-P	02469146	■	–	–	25,0	*0.984*	15,2	*0.598*
SD100-25.40-K	02569181	–	–	■	25,4	*1.000*	15,2	*0.598*
SD100-25.400-M	02469194	–	■	–	25,4	*1.000*	15,2	*0.598*
SD100-25.400-P	02469147	■	–	–	25,4	*1.000*	15,2	*0.598*
SD100-25.50-P	02536609	■	–	–	25,5	*1.004*	15,2	*0.598*
SD100-25.60-P	02519477	■	–	–	25,6	*1.008*	15,2	*0.598*
SD100-25.80-M	02592758	–	■	–	25,8	*1.016*	15,2	*0.598*
SD100-25.80-P	02581593	■	–	–	25,8	*1.016*	15,2	*0.598*
SD100-25.90-M	02592759	–	■	–	25,9	*1.020*	15,2	*0.598*
SD100-25.90-P	02592741	■	–	–	25,9	*1.020*	15,2	*0.598*
SD100-25.99-K	02516403	–	–	■	25,99	*1.023*	15,2	*0.598*
SD100-25.99-P	02516402	■	–	–	25,99	*1.023*	15,2	*0.598*

■ Prodotto standard.

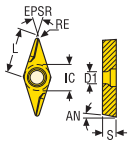
Modulo per smussi





Codice di ordinazione	Codice prodotto	Per corpo punta	KAPR°	LU profondità di foratura SD101 (min-max)		SD103 (min-max)		SD105 (min-max)		SD107 (min-max)		Max profondità smusso (mm)	OAL	BD
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
SD100-C45-12.00/12.49	00014922	SD10x-12.00/12.49	45 °	12,0 *0.472*	13,0 *0.512*	12,0 *0.472*	28,0 *1.102*	28,0 *1.102*	53,0 *2.087*	53,0 *2.087*	78,0 *3.071*	1,5 *0.059*	19,0 *0.748*	28,0 *1.102*
SD100-C45-12.50/12.99	00014923	SD10x-12.50/12.99	45 °	12,0 *0.472*	14,0 *0.551*	12,0 *0.472*	29,0 *1.142*	29,0 *1.142*	54,0 *2.126*	54,0 *2.126*	79,0 *3.110*	1,5 *0.059*	19,0 *0.748*	28,0 *1.102*
SD100-C45-13.00/13.99	00014924	SD10x-13.00/13.99	45 °	13,0 *0.512*	14,0 *0.551*	13,0 *0.512*	29,0 *1.142*	29,0 *1.142*	54,0 *2.126*	54,0 *2.126*	79,0 *3.110*	1,5 *0.059*	19,0 *0.748*	28,0 *1.102*
SD100-C45-14.00/14.99	00014928	SD10x-14.00/14.99	45 °	14,0 *0.551*	20,0 *0.787*	14,0 *0.551*	40,0 *1.575*	40,0 *1.575*	70,0 *2.756*	70,0 *2.756*	100,0 *3.937*	2,0 *0.079*	19,0 *0.748*	31,0 *1.220*
SD100-C45-15.00/15.99	00014931	SD10x-15.00/15.99	45 °	14,0 *0.551*	21,0 *0.827*	14,0 *0.551*	41,0 *1.614*	41,0 *1.614*	71,0 *2.795*	71,0 *2.795*	101,0 *3.976*	2,0 *0.079*	19,0 *0.748*	31,0 *1.220*
SD100-C45-16.00/16.99	00014932	SD10x-16.00/16.99	45 °	15,0 *0.591*	22,0 *0.866*	15,0 *0.591*	42,0 *1.654*	42,0 *1.654*	72,0 *2.835*	72,0 *2.835*	102,0 *4.016*	2,0 *0.079*	19,0 *0.748*	31,0 *1.220*
SD100-C45-17.00/17.99	00014933	SD10x-17.00/17.99	45 °	16,0 *0.630*	25,0 *0.984*	16,0 *0.630*	51,0 *2.008*	51,0 *2.008*	87,0 *3.425*	87,0 *3.425*	123,0 *4.843*	2,0 *0.079*	19,0 *0.748*	36,0 *1.417*
SD100-C45-18.00/18.99	00014935	SD10x-18.00/18.99	45 °	17,0 *0.669*	26,0 *1.024*	17,0 *0.669*	52,0 *2.047*	52,0 *2.047*	88,0 *3.465*	88,0 *3.465*	124,0 *4.882*	2,0 *0.079*	19,0 *0.748*	36,0 *1.417*
SD100-C45-19.00/19.99	00014936	SD10x-19.00/19.99	45 °	18,0 *0.709*	27,0 *1.063*	18,0 *0.709*	53,0 *2.087*	53,0 *2.087*	89,0 *3.504*	89,0 *3.504*	125,0 *4.921*	2,0 *0.079*	19,0 *0.748*	36,0 *1.417*

Inserto



Tolleranze:
mm*/inch*

IC = ±0,025/*.0009842*
S = ±0,07/*.0027559*
RE = ±0,10/*.0039370*

Dimensione	L mm/*inch*	EPSR	RE mm/*inch*	IC mm/*inch*	D1 mm/*inch*	AN	S mm/*inch*
09	**9,0**/*.2187*	**35°**	**0,2**/*.0078*	**5,556**/*.2187*	**2,9**/*.1141*	**7°**	**2,5**/*.0984*

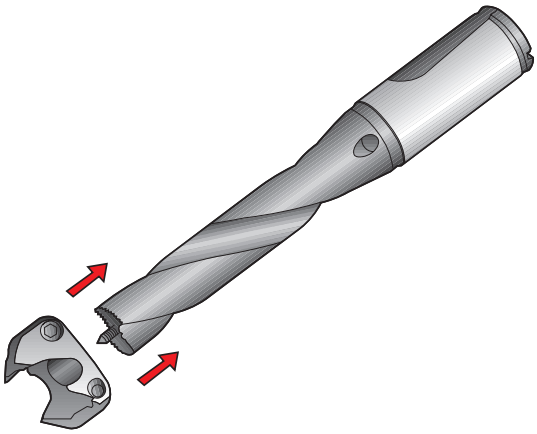
Qualità: T400D

Descrizione: VCGX090202-D1

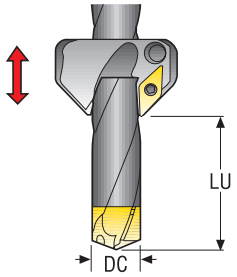
Codice prodotto: 00014948

Modulo per smussi – Istruzioni di montaggio/posizionamento del modulo

1. Smontare la corona dalla punta, quindi inserire il modulo senza inserti sul corpo punta.

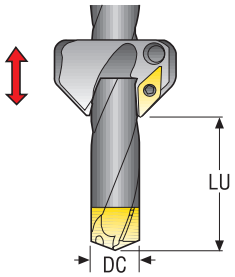


2.1 Posizionare il modulo il più vicino possibile all'attacco punta.



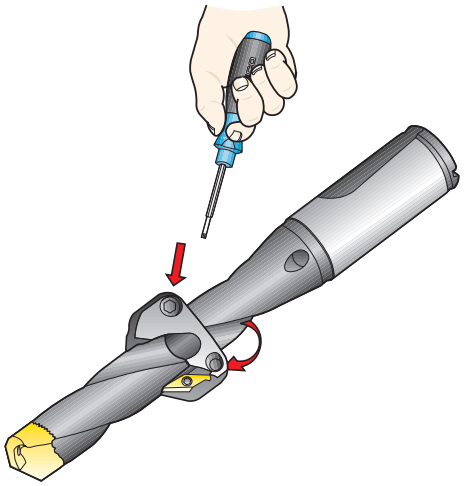
DC		LU profondità di foratura (min-max)			
		SD101		SD103	
mm	*pollici*	mm	*pollici*	mm	*pollici*
12	*.472*	12-13	*.472-.512*	12-28	*.472-1.102*
12,5	*.492*	12-14	*.472-.551*	12-29	*.472-1.142*
13	*.512*	13-14	*.512-.551*	13-29	*.512-1.142*
14	*.551*	14-20	*.551-.787*	14-40	*.551-1.575*
15	*.591*	14-21	*.551-.827*	14-41	*.551-1.614*
16	*.630*	15-22	*.591-.866*	15-42	*.591-1.654*
17	*.669*	16-25	*.630-.984*	16-51	*.630-2.008*
18	*.709*	17-26	*.669-1.024*	17-52	*.669-2.047*
19	*.748*	18-27	*.709-1.063*	18-53	*.709-2.087*

2.2 Posizionare il modulo il più vicino possibile all'attacco punta.



DC		LU profondità di foratura (min-max)			
		SD105		SD107	
mm	*pollici*	mm	*pollici*	mm	*pollici*
12	*.472*	28-53	*1.102-2.087*	53-78	*2.087-3.071*
12,5	*.492*	29-54	*1.142-2.126*	54-79	*2.126-3.110*
13	*.512*	29-54	*1.142-2.126*	54-79	*2.126-3.110*
14	*.551*	40-70	*1.575-2.756*	70-100	*2.756-3.937*
15	*.591*	41-71	*1.614-2.785*	71-101	*2.795-3.976*
16	*.630*	42-72	*1.654-2.835*	72-102	*2.835-4.016*
17	*.669*	51-87	*2.008-3.425*	87-123	*3.425-4.843*
18	*.709*	52-88	*2.047-3.465*	88-124	*3.465-4.882*
19	*.748*	53-89	*2.087-3.504*	89-125	*3.504-4.921*

3. Serrare entrambe le viti con i valori di coppia indicati nella tabella riportata sotto.



DC		M	
mm	*pollici*	Nm	*in-lbs*
12-19	*.472-.748*	3-4	*26-35*

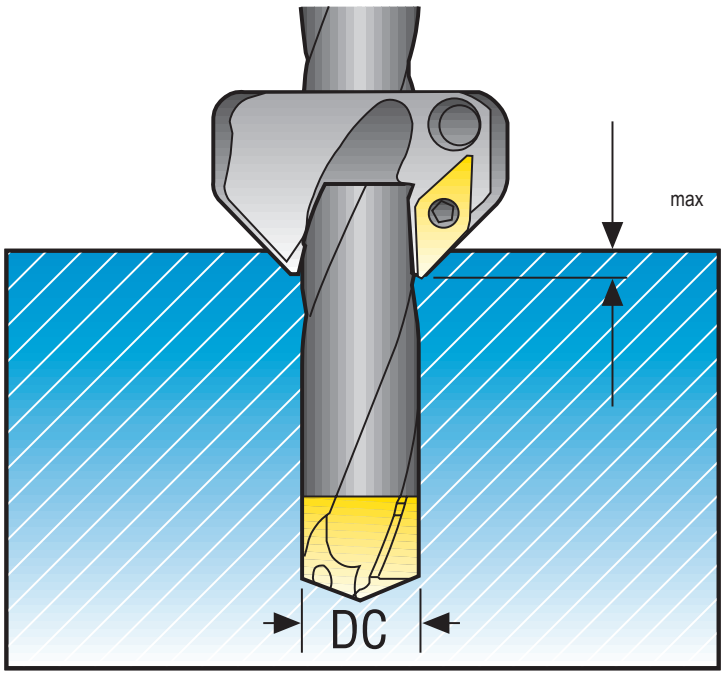
Modulo per smussi

Le velocità di taglio e gli avanzamenti consigliati per le punte Crownloc® alle pagine 199-202 dovrebbero essere utilizzati anche durante le operazioni di smussatura.

Problemi e soluzioni

Vibrazioni durante l'esecuzione dello smusso	• Ridurre la velocità di taglio • Se possibile, spostare il modulo più vicino all'attacco della punta • Se possibile, utilizzare una punta più corta

Massima profondità di smussatura



DC		Max	
mm	*pollici*	mm	*pollici*
12-13	*.472-512*	1,5	*.059*
14-19	*.551-.748*	2	*.079*

SD4103, SD4105, SD4108 – ∅ 9-17,99 mm / *0.354-0.708 pollici*

SMG		f			v_c
		Ø9.00-11.99 *Ø 0.354-0.471*	Ø12,00-14.99 *Ø 0.472-0,590*	Ø15,00-17.99 *Ø 0.591-0,708*	
P1	P	0,26	0,30	0,34	150
	P	*0.010*	*0.012*	*0.013*	*490*
P2	P	0,28	0,32	0,36	145
	P	*0.011*	*0.013*	*0.014*	*475*
P3	P	0,32	0,36	0,40	155
	P	*0.013*	*0.014*	*0.016*	*510*
P4	P	0,32	0,36	0,38	135
	P	*0.013*	*0.014*	*0.015*	*445*
P5	P	0,32	0,34	0,38	130
	P	*0.013*	*0.013*	*0.015*	*425*
P6	P	0,30	0,34	0,38	145
	P	*0.012*	*0.013*	*0.015*	*475*
P7	P	0,30	0,34	0,38	140
	P	*0.012*	*0.013*	*0.015*	*460*
P8	P	0,32	0,36	0,40	130
	P	*0.013*	*0.014*	*0.016*	*425*
P11	P	0,11	0,14	0,17	95
	P	*0.0044*	*0.0055*	*0.0065*	*310*
P12	P	0,075	0,095	0,12	55
	P	*0.0030*	*0.0038*	*0.0048*	*180*
M1	M	0,13	0,18	0,24	105
	M	*0.0050*	*0.0070*	*0.0095*	*345*
M2	M	0,12	0,17	0,22	85
	M	*0.0048*	*0.0065*	*0.0085*	*280*
M3	M	0,095	0,13	0,17	65
	M	*0.0038*	*0.0050*	*0.0065*	*215*
M4	M	0,12	0,15	0,18	40
	M	*0.0048*	*0.0060*	*0.0070*	*130*
M5	M	0,12	0,15	0,18	33
	M	*0.0048*	*0.0060*	*0.0070*	*110*
K1	P	0,26	0,32	0,36	150
	P	*0.010*	*0.013*	*0.014*	*490*
K2	P	0,24	0,28	0,34	130
	P	*0.0095*	*0.011*	*0.013*	*425*
K3	P	0,28	0,34	0,40	150
	P	*0.011*	*0.013*	*0.016*	*490*
K4	P	0,28	0,34	0,40	145
	P	*0.011*	*0.013*	*0.016*	*475*
K5	P	0,26	0,30	0,36	85
	P	*0.010*	*0.012*	*0.014*	*280*
N1	M	0,34	0,36	0,40	360
	M	*0.013*	*0.014*	*0.016*	*1175*
N2	M	0,34	0,36	0,40	230
	M	*0.013*	*0.014*	*0.016*	*750*
N3	M	0,34	0,36	0,40	155
	M	*0.013*	*0.014*	*0.016*	*510*
N11	M	0,34	0,36	0,40	205
	M	*0.013*	*0.014*	*0.016*	*670*
S1	M	0,090	0,11	0,13	29
	M	*0.0036*	*0.0044*	*0.0050*	*95*
S2	M	0,090	0,11	0,13	23
	M	*0.0036*	*0.0044*	*0.0050*	*75*
S3	M	0,085	0,10	0,12	20
	M	*0.0034*	*0.0040*	*0.0048*	*65*
S11	M	0,12	0,15	0,19	50
	M	*0.0048*	*0.0060*	*0.0075*	*165*
S12	M	0,12	0,15	0,19	40
	M	*0.0048*	*0.0060*	*0.0075*	*130*
S13	M	0,11	0,14	0,16	31
	M	*0.0044*	*0.0055*	*0.0065*	*100*
H3	P	0,14	0,16	0,17	27
	P	*0.0055*	*0.0065*	*0.0065*	*90*
H5	P	0,22	0,24	0,26	49
	P	*0.0085*	*0.0095*	*0.010*	*160*
H7	P	0,14	0,16	0,17	27
	P	*0.0055*	*0.0065*	*0.0065*	*90*
H8	P	0,16	0,18	0,20	49
	P	*0.0065*	*0.0070*	*0.0080*	*160*
H11	P	0,22	0,24	0,26	65
	P	*0.0085*	*0.0095*	*0.010*	*215*
H12	P	0,16	0,18	0,20	55
	P	*0.0065*	*0.0070*	*0.0080*	*180*
H21	P	0,16	0,18	0,20	49
	P	*0.0065*	*0.0070*	*0.0080*	*160*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD101 – ∅ 10-26 mm / *0.394-1.024 pollici*

SMG		f									v_c
		Ø 10.00 *Ø 0.394*	Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	125
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*410*
P2	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	120
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*395*
P3	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	105
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*345*
P4	P	0,19	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	95
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*310*
P5	P	0,19	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	90
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*295*
P6	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	100
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*330*
P7	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	95
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
P8	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	90
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*295*
P11	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	90
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*295*
P12	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	55
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*180*
M1	M	0,14	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	85
	M	*0.0055*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*280*
M2	M	0,13	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	70
	M	*0.0050*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*230*
M3	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	50
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*165*
M4	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	39
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*130*
M5	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	33
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
K1	K	0,28	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	100
	K	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*330*
K2	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	85
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*280*
K3	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	70
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*230*
K4	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	70
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*230*
K5	K	0,24	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	41
	K	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*135*
N1	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	335
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*1100*
N2	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	215
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*710*
N3	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	145
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*475*
N11	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	170
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*560*
S1	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	34
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
S2	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	25
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*80*
S3	M	0,085	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	25
	M	*0.0034*	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*80*
S11	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	65
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*215*
S12	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	49
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*160*
S13	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	38
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*125*
H3	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	27
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*90*
H5	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	50
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*165*
H7	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	27
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*90*
H8	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	50
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*165*
H11	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	65
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*215*
H12	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	32
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*105*
H21	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	50
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*165*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD103 – ∅ 10-26 mm / *0.394-1.024 pollici*

SMG		f									v_c
		Ø 10.00 *Ø 0.394*	Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	120
	P	*0.008*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*395*
P2	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	115
	P	*0.008*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*375*
P3	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	100
	P	*0.0075*	*0.0085*	*0.01*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*330*
P4	P	0,19	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	85
	P	*0.0075*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*280*
P5	P	0,19	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	85
	P	*0.0075*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*280*
P6	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	95
	P	*0.007*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
P7	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	90
	P	*0.007*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*295*
P8	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	85
	P	*0.0075*	*0.0085*	*0.01*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*280*
P11	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	85
	P	*0.007*	*0.0085*	*0.0095*	*0.01*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*280*
P12	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	50
	P	*0.005*	*0.006*	*0.0065*	*0.007*	*0.0075*	*0.008*	*0.008*	*0.0085*	*0.0085*	*165*
M1	M	0,14	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	80
	M	*0.0055*	*0.006*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*260*
M2	M	0,13	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	65
	M	*0.005*	*0.005*	*0.0055*	*0.0055*	*0.006*	*0.006*	*0.006*	*0.0065*	*0.0065*	*215*
M3	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	49
	M	*0.004*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.005*	*160*
M4	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	37
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*120*
M5	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	31
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*100*
K1	K	0,28	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	90
	K	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*295*
K2	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	80
	K	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*260*
K3	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	65
	K	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*215*
K4	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	65
	K	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*215*
K5	K	0,24	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	38
	K	*0.0095*	*0.01*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*125*
N1	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	315
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*1025*
N2	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	200
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*660*
N3	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	135
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*445*
N11	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	160
	M	*0.007*	*0.0075*	*0.0075*	*0.008*	*0.008*	*0.008*	*0.0085*	*0.0085*	*0.0085*	*520*
S1	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	32
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*105*
S2	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	23
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*75*
S3	M	0,085	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	23
	M	*0.0034*	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*75*
S11	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	60
	M	*0.004*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.005*	*195*
S12	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	46
	M	*0.004*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.005*	*150*
S13	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	36
	M	*0.0036*	*0.0038*	*0.0038*	*0.004*	*0.004*	*0.004*	*0.0044*	*0.0044*	*0.0044*	*120*
H3	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	25
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.005*	*0.0055*	*0.0055*	*0.006*	*80*
H5	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	46
	P	*0.005*	*0.006*	*0.0065*	*0.007*	*0.0075*	*0.008*	*0.008*	*0.0085*	*0.0085*	*150*
H7	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	25
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.005*	*0.0055*	*0.0055*	*0.006*	*80*
H8	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	46
	P	*0.0038*	*0.0044*	*0.0048*	*0.005*	*0.0055*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*150*
H11	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	60
	P	*0.005*	*0.006*	*0.0065*	*0.007*	*0.0075*	*0.008*	*0.008*	*0.0085*	*0.0085*	*195*
H12	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	30
	P	*0.0038*	*0.0044*	*0.0048*	*0.005*	*0.0055*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*100*
H21	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	46
	P	*0.0038*	*0.0044*	*0.0048*	*0.005*	*0.0055*	*0.006*	*0.0065*	*0.0065*	*0.0065*	*150*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD105 – ∅ 10-26 mm / *0.394-1.024 pollici*

SMG		f									v_c
		Ø 10.00 *Ø 0.394*	Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	110
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*360*
P2	P	0,20	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	110
	P	*0.0080*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*360*
P3	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	95
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*310*
P4	P	0,19	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	85
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*280*
P5	P	0,19	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	80
	P	*0.0075*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*260*
P6	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	90
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*295*
P7	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	85
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*280*
P8	P	0,19	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	80
	P	*0.0075*	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*260*
P11	P	0,18	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	80
	P	*0.0070*	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
P12	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	48
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*155*
M1	M	0,14	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	75
	M	*0.0055*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*245*
M2	M	0,13	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	60
	M	*0.0050*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*195*
M3	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	46
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*150*
M4	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	35
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*115*
M5	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	29
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*95*
K1	K	0,28	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	90
	K	*0.011*	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*295*
K2	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	75
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*245*
K3	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	65
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*215*
K4	K	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	60
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*195*
K5	K	0,24	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	36
	K	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*120*
N1	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	300
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*980*
N2	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	190
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*620*
N3	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	130
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*425*
N11	M	0,18	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	150
	M	*0.0070*	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*490*
S1	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	30
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*100*
S2	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	22
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*70*
S3	M	0,085	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	22
	M	*0.0034*	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*70*
S11	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	55
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*180*
S12	M	0,10	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	44
	M	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*145*
S13	M	0,090	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	34
	M	*0.0036*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
H3	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	24
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*80*
H5	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	44
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*145*
H7	P	0,085	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	24
	P	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*80*
H8	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	44
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*145*
H11	P	0,13	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	55
	P	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*180*
H12	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	29
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*95*
H21	P	0,095	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	44
	P	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*145*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD107 – ∅ 10-26 mm / *0.394-1.024 pollici*

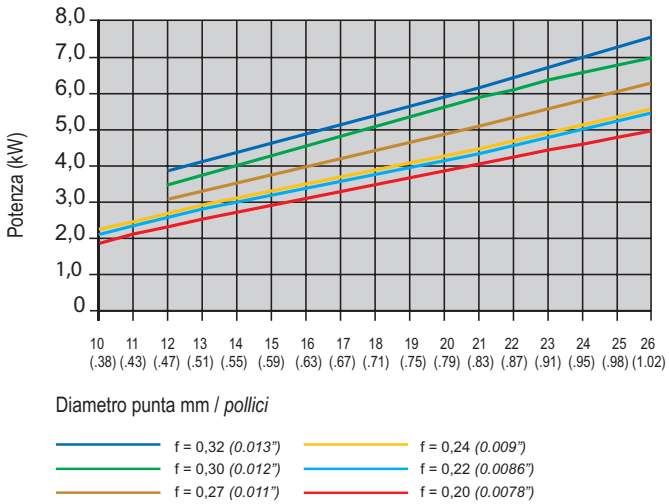
SMG		f								v_c
		Ø 12.00 *Ø 0.472*	Ø 14.00 *Ø 0.551*	Ø 16.00 *Ø 0.630*	Ø 18.00 *Ø 0.709*	Ø 20.00 *Ø 0.787*	Ø 22.00 *Ø 0.866*	Ø 24.00 *Ø 0.945*	Ø 26.00 *Ø 1.024*	
P1	P	0,24	0,26	0,28	0,30	0,32	0,34	0,34	0,36	110
	P	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*360*
P2	P	0,24	0,26	0,28	0,30	0,32	0,34	0,36	0,36	105
	P	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*345*
P3	P	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	90
	P	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*295*
P4	P	0,22	0,24	0,26	0,28	0,30	0,32	0,32	0,34	80
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*260*
P5	P	0,22	0,24	0,26	0,28	0,30	0,30	0,32	0,34	75
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*245*
P6	P	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	85
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*280*
P7	P	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	80
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
P8	P	0,22	0,25	0,26	0,28	0,30	0,32	0,34	0,34	75
	P	*0.0085*	*0.010*	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*245*
P11	P	0,22	0,24	0,26	0,28	0,28	0,30	0,32	0,32	80
	P	*0.0085*	*0.0095*	*0.010*	*0.011*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
P12	P	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	47
	P	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*155*
M1	M	0,15	0,15	0,16	0,16	0,16	0,17	0,17	0,17	75
	M	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*0.0065*	*245*
M2	M	0,13	0,14	0,14	0,15	0,15	0,15	0,16	0,16	60
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0060*	*0.0060*	*0.0065*	*0.0065*	*195*
M3	M	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	45
	M	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*150*
M4	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	34
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
M5	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	28
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*90*
K1	K	0,32	0,34	0,36	0,38	0,40	0,42	0,42	0,44	85
	K	*0.013*	*0.013*	*0.014*	*0.015*	*0.016*	*0.017*	*0.017*	*0.017*	*280*
K2	K	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	75
	K	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*245*
K3	K	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	60
	K	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*195*
K4	K	0,28	0,30	0,32	0,34	0,36	0,38	0,38	0,40	60
	K	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*0.015*	*0.016*	*195*
K5	K	0,26	0,28	0,30	0,32	0,32	0,34	0,36	0,36	35
	K	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*0.014*	*0.014*	*115*
N1	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	290
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*950*
N2	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	185
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*610*
N3	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	125
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*410*
N11	M	0,19	0,19	0,20	0,20	0,20	0,22	0,22	0,22	145
	M	*0.0075*	*0.0075*	*0.0080*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*0.0085*	*475*
S1	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	29
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*95*
S2	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	21
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*70*
S3	M	0,085	0,090	0,095	0,095	0,095	0,10	0,10	0,10	21
	M	*0.0034*	*0.0036*	*0.0038*	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*70*
S11	M	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	55
	M	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*180*
S12	M	0,11	0,11	0,11	0,12	0,12	0,12	0,12	0,13	42
	M	*0.0044*	*0.0044*	*0.0044*	*0.0048*	*0.0048*	*0.0048*	*0.0048*	*0.0050*	*140*
S13	M	0,095	0,095	0,10	0,10	0,10	0,11	0,11	0,11	33
	M	*0.0038*	*0.0038*	*0.0040*	*0.0040*	*0.0040*	*0.0044*	*0.0044*	*0.0044*	*110*
H3	P	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	23
	P	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*75*
H5	P	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	43
	P	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*140*
H7	P	0,095	0,11	0,12	0,12	0,13	0,14	0,14	0,15	23
	P	*0.0038*	*0.0044*	*0.0048*	*0.0048*	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*75*
H8	P	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	43
	P	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*140*
H11	P	0,15	0,16	0,18	0,19	0,20	0,20	0,22	0,22	55
	P	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*0.0080*	*0.0085*	*0.0085*	*180*
H12	P	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	28
	P	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*90*
H21	P	0,11	0,12	0,13	0,14	0,15	0,16	0,17	0,17	43
	P	*0.0044*	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0065*	*140*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

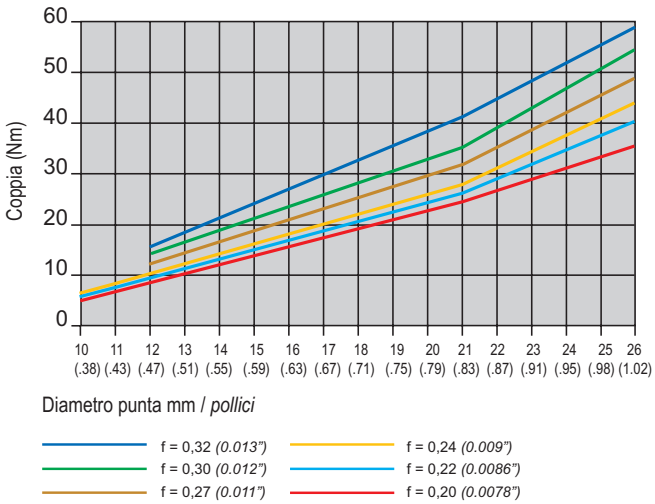
Parametri di lavorazione

I valori dei grafici variano in funzione dei parametri di taglio, dei materiali, dell'efficienza della macchina e dell'usura dell'utensile.
I grafici sono validi per foratura del gruppo materiale Seco (SMG) P5-P6 e per una velocità di taglio di 90 m/min *(295 sf/min)*.

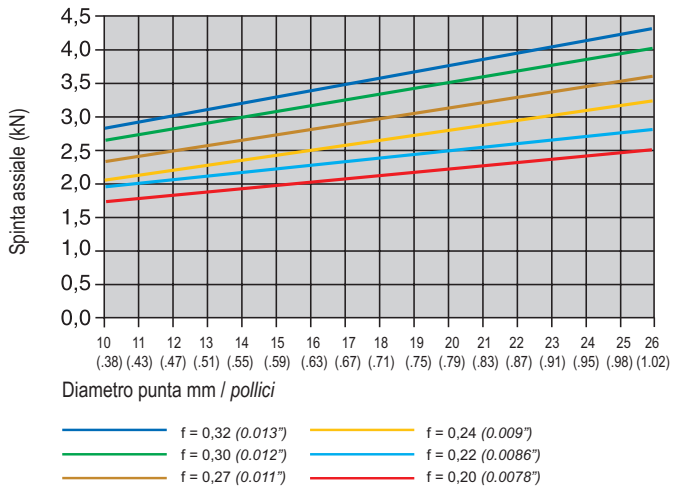
Potenza assorbita



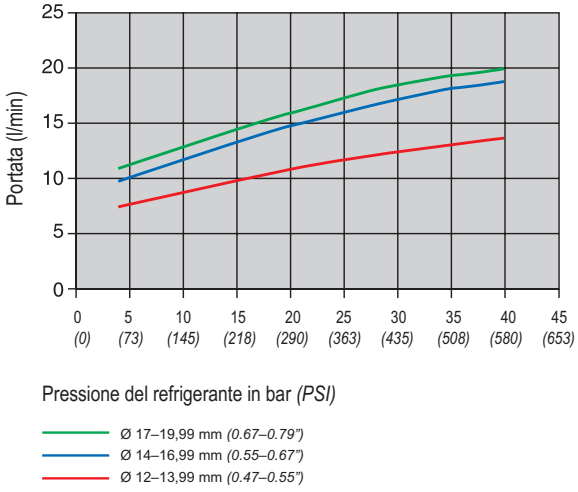
Coppia applicata



Forza di avanzamento



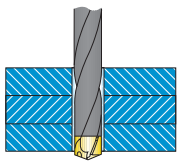
Portata refrigerante a diverse pressioni



Portata refrigerante raccomandata Dx1 l/min
Portata refrigerante minima D/2 l/min
D = Diametro punta
Pressione minima refrigerante raccomandata 10 bar *(145 PSI)* con < 3 x D
Pressione minima refrigerante raccomandata 20 bar *(290 PSI)* con > 3 x D
Pressione minima refrigerante raccomandata 40 bar *(580 PSI)* con > 5 x D

Composizione del refrigerante
Percentuale di olio nell'emulsione raccomandata: 6-8%.
Per forare acciaio inossidabile, superleghe ed acciai ad alta resistenza, si consiglia di utilizzare una concentrazione del 10%.

Consigli di lavorazione
È possibile eseguire forature a pacco solo se i pezzi sono saldamente serrati l'uno contro l'altro, così da non avere interstizi tra le parti. Gli interstizi possono influenzare l'evacuazione dei trucioli e quindi danneggiare la punta.



Tolleranza del foro/Finitura superficiale

SD101, SD103, SD105 e SD107
IT9-10 / R_a 1-4*, *R_a 39-157 µin**

∅ punta DC (mm)	Tolleranza IT9 (µm)	Tolleranza IT10 (µm)	∅ Punta DC *(pollici)*	Tolleranza IT9 *(pollici)*	Tolleranza IT10 *(pollici)*
0 – +10-18	0 – +43	0 – +70	*0 – +0.394-0.709*	*0 – +0.0017*	*0 – +0.0028*
0 – +18-30	0 – +52	0 – +84	*0 – +0.709-1.181*	*0 – +0.0020*	*0 – +0.0033*

*Quando si forano acciai inossidabili e acciai a basso tenore di carbonio, si può verificare un deterioramento della finitura superficiale e della tolleranza del foro. Per la migliore qualità del foro, impiegare la punta più corta possibile.

Problemi e soluzioni – Verifiche iniziali:

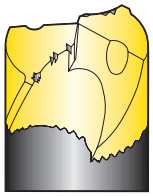
- Stabilità del fissaggio
- Condizioni del mandrino macchina
- Condizioni del portautensile

- Bloccaggio dell'utensile:
  - Eccentricità entro 0,06 TIR

- Evacuazione del truciolo:
  - Parametri di taglio

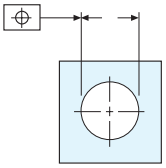
- Refrigerante:
  - Pressione
  - Flusso
  - Concentrazione

Scheggiature del tagliente



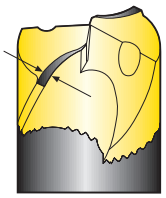
- Ridurre l'avanzamento/giro
- In presenza di vibrazioni, ridurre la velocità di taglio ed aumentare l'avanzamento
- Quando si forano superfici grezze, dure o inclinate, ridurre l'avanzamento del 30-50% in fase di entrata e di uscita

Tolleranza diametro non soddisfacente



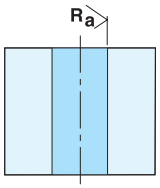
- Aumentare l'avanzamento/giro
- Utilizzare una punta in metallo duro integrale Seco Feedmax, vedere le pagine 16-19
- Effettuare un'operazione di alesatura, vedere le pagine 321
- Effettuare un'operazione di barenatura, vedere le pagine 499-500

Rapida usura del tagliente



- Verificare che si utilizzi la giusta geometria
- Ridurre la velocità di taglio

Cattiva finitura superficiale



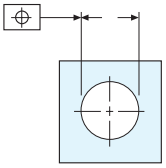
- Ridurre l'avanzamento/giro
- Aumentare la velocità di taglio
- Verificare che si utilizzi la giusta geometria
- Utilizzare una punta in metallo duro integrale Seco Feedmax, vedere le pagine 16-19
- Effettuare un'operazione di alesatura, vedere pagina 321

Usura ad intaglio



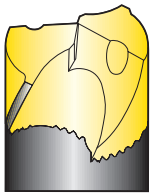
- Ridurre l'avanzamento al giro
- Ridurre la velocità di taglio
- Aumentare la percentuale di olio nel refrigerante

Posizione foro non soddisfacente



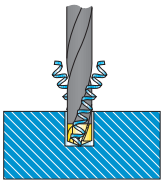
- Ridurre l'avanzamento/giro
- Quando si forano superfici grezze, dure o inclinate, ridurre l'avanzamento del 30-50% in fase di entrata e uscita
- Preforare con un angolo punta a 140°
- Utilizzare una punta in metallo duro integrale Seco Feedmax, vedere le pagine 16-19
- Effettuare un'operazione di barenatura, vedere le pagine 499-500

Usura dei bordini esterni



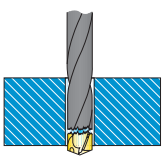
- Verificare che si utilizzi la giusta geometria
- Ridurre la velocità di taglio
- Aumentare la concentrazione del refrigerante
- Quando si forano superfici grezze, dure o inclinate, ridurre l'avanzamento del 30-50% in fase di entrata e di uscita

Trucioli lunghi che causano problemi di evacuazione



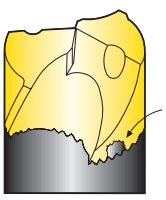
- Aumentare l'avanzamento
- Per materiali che producono trucioli lunghi e gruppi materiale P1-P4, M1-M2:
  - Aumentare la velocità di taglio e diminuire l'avanzamento/giro
  - Utilizzare la geometria L (Custom Design)

Rottura all'uscita del foro



- Se il sistema di ritenzione si rompe quando la corona sta per fuoriuscire da un foro passante, La rottura è dovuta a:
  - L'interfaccia non è stata accuratamente pulita e ci sono ancora dei trucioli o impurità tra la corona ed il corpo punta.
  - La corona non è stata bloccata saldamente. Usare la chiave dinamometrica
  - I pochi filetti in presa non sono in grado di garantire la corretta ritenzione.

Scheggiatura della superficie di contatto



- Piccole scheggiature non compromettono il sistema di bloccaggio e non producono conseguenze sulla qualità della foratura
- Se si verificano scheggiature di rilievo quando si utilizzano elevati avanzamenti o quando si forano superfici inclinate, ridurre l'avanzamento



Crownloc® Plus

Seco Crownloc® Plus è una nuova generazione di punte Seco con corone intercambiabili. Dotata di una nuova connessione, Crownloc Plus migliora l'evacuazione del truciolo e la resistenza all'usura su un'ampia gamma di materiali.

— Inoltre, è caratterizzata da design robusto del corpo punta, connessione ad alta resistenza, eliche profonde ed ampie e corpo lucidato.
— Prima scelta per applicazioni generiche, la geometria P è una soluzione robusta e versatile.
— La geometria M offre prestazioni eccellenti in leghe per alte temperature, leghe di titanio e acciaio inossidabile

Panoramica della gamma

Crownloc® Plus	Pagine	Gamma ∅	Profondità di foratura	Tolleranza ∅ punta	Tolleranza foro (1)	Finitura superficiale (2)
SD403 	Pagine 209-212	∅ 12,00-19,99 mm *(0.472-0.787")*	~ 3 x D	k7	IT 9-10	Ra 1-3 µm *(Ra 39-118 µin)*
SD405 	Pagine 213-216	∅ 12,00-19,99 mm *(0.472-0.787")*	~ 5 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*
SD408 	Pagine 217-220	∅ 12,00-19,99 mm *(0.472-0.787")*	~ 8 x D	k7	IT 10	Ra 1-3 µm *(Ra 39-118 µin)*

1) Possono verificarsi variazioni a seconda del materiale da lavorare e dei parametri di taglio utilizzati.
2) La profondità di foratura, i parametri di taglio, la pressione del refrigerante e il materiale da lavorare possono causare il deterioramento della finitura superficiale.

Chiave di codifica



Corpi punta Crownloc® Plus

Metriche

SD403	–	14.00/14.99	–	45	–	16	–	R	7
1		2		3		4		5	6

Pollici

45	–	0750	–	R	7
3		4		5	6

1.
Tipo di punta
SD403: 3 x D
SD405: 5 x D
SD408: 8 x D

2.
Diam. min/max corona

3.
Profondità di foratura

4.
Diametro gambo

5.
Rotazione destra

6
Tipo di attacco
1. Cilindrico
7. ISO 9766

Corone chiavi di codifica

SD400	–	14.00	–	P
		2		3

2.
Diametro punta

3.
Tipo di geometria
P = acciaio
M = acciaio inossidabile



Geometrie

Geometria -P
- Geometria universale, prima scelta per foratura di acciaio



Geometria -M
- Per acciaio inossidabile e leghe per alte temperature



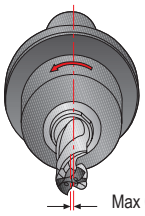
Istruzioni di montaggio

1. Stabilità

La stabilità dell'applicazione è fondamentale per avere lunghe durate e finiture ottimali dei fori eseguiti. Controllare le condizioni del mandrino macchina, il fissaggio e lo staffaggio dei componenti per assicurare la massima rigidità e stabilità. Condizioni di lavoro poco stabili possono causare la rottura dell'utensile.

2. Utensile rotante

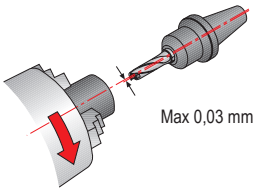
Nelle applicazioni rotanti, il TIR (Total Indicated Run-out) non dovrebbe eccedere 0,06 mm *(0,002")*.
Misurare l'eccentricità quando la punta è montata sul mandrino, ruotando la punta di 360°.



Max 0,06 mm *(0,002")*

3. Utensile non rotante

Nelle applicazioni non rotanti, la distanza tra l'asse della punta a ed il centro di rotazione del pezzo non dovrebbe eccedere 0,03 mm *(0,001")* radialmente.



Max 0,03 mm *(0,001")*

4. Portautensili consigliati

Seco Tools offre un'ampia gamma di portautensili (porta pinze, a calettamento termico, mandrini idraulici Weldon...), disponibili per una varietà di tipi di mandrini per macchine.
Per i migliori risultati, utilizzare attacchi tipo ERHP 5672, pinze ad alta precisione.
Per ulteriori informazioni, vedere il catalogo Sistemi di Utensili.



Pinza ad alta precisione
(solo per attacchi cilindrici -R1)



Attacchi a bloccaggio idraulico
(solo per attacchi cilindrici -R1)

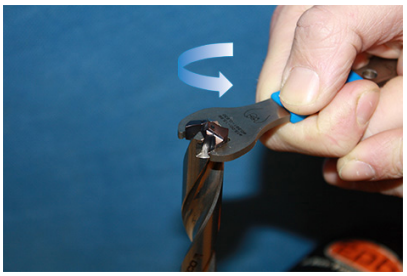


Weldon

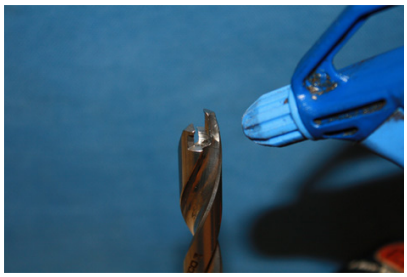
1. Per smontare la corona, individuare i due piani per l'inserimento della chiave.



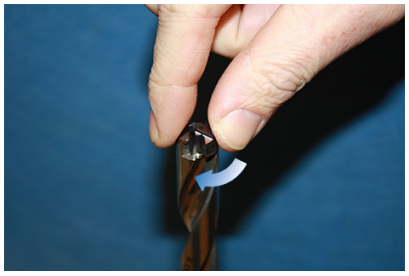
2. Per rimuovere la corona, ruotare la chiave in senso antiorario di un quarto di giro.



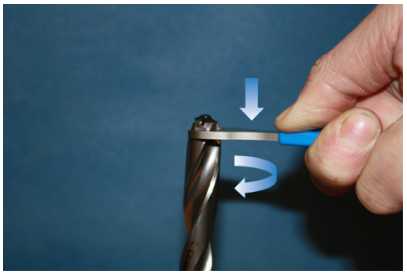
3. Pulire l'interfaccia prima di montare la corona.



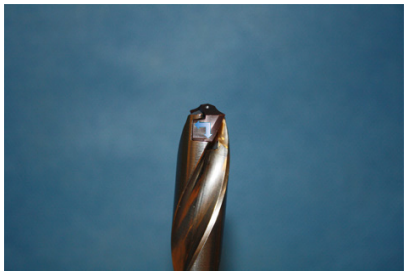
4. Per un bloccaggio più semplice, pre-serrare la corona con le dita prima di usare la chiave.



5. Simultaneamente, tenere premuta la corona mentre si ruota la chiave di un quarto di giro in senso orario, tenendola perpendicolare al corpo punta.



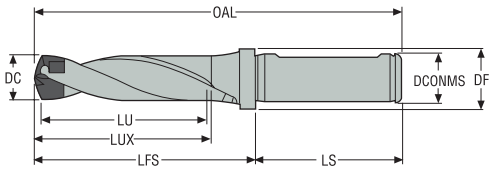
6. Quando la corona è montata sul corpo punta, ci deve essere contatto completo tra le superfici di accoppiamento sul corpo e sulla corona (vedere la fotografia).



SD403 – R7

Profondità di foratura ~ 3 x D – Codolo metrico





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 225

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD403-12.00/12.49-38-16R7	02622894	12,0-12,49	38,0	106,2	46,2	58,2	48,0	16,0	20,0
SD403-12.50/12.99-39-16R7	02622895	12,5-12,99	39,0	108,0	47,5	60,0	48,0	16,0	20,0
SD403-13.00/13.99-42-16R7	02622896	13,0-13,99	42,0	111,9	50,9	63,9	48,0	16,0	20,0
SD403-14.00/14.99-45-16R7	02622898	14,0-14,99	45,0	116,5	54,5	68,5	48,0	16,0	20,0
SD403-15.00/15.99-48-16R7	02622899	15,0-15,99	48,0	121,2	58,2	73,2	48,0	16,0	20,0
SD403-16.00/16.99-51-20R7	02622900	16,0-16,99	51,0	127,9	61,9	77,9	50,0	20,0	24,0
SD403-17.00/17.99-54-20R7	02622902	17,0-17,99	54,0	132,6	65,6	82,6	50,0	20,0	24,0
SD403-18.00/18.99-57-20R7	02622903	18,0-18,99	57,0	137,3	69,3	87,3	50,0	20,0	24,0
SD403-19.00/19.99-60-20R7	02622905	19,0-19,99	60,0	142,0	73,0	92,0	50,0	20,0	24,0

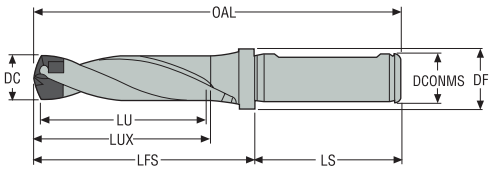
Accessori

Per punta diametro (mm)	Chiave
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD403 – R7

Profondità di foratura ~ 3 x D – Codolo in pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 225

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD403-12.00/12.49-38-0625R7	02622942	0.472-0.492	1.496	4.181	1.819	2.291	1.890	0.625	0.787
SD403-12.50/12.99-39-0625R7	02622943	0.492-0.511	1.535	4.252	1.870	2.362	1.890	0.625	0.787
SD403-13.00/13.99-42-0625R7	02622944	0.512-0.551	1.654	4.406	2.004	2.516	1.890	0.625	0.787
SD403-14.00/14.99-45-0625R7	02622945	0.551-0.590	1.772	4.587	2.146	2.697	1.890	0.625	0.787
SD403-15.00/15.99-48-0625R7	02622946	0.591-0.630	1.890	4.772	2.291	2.882	1.890	0.625	0.787
SD403-16.00/16.99-51-0750R7	02622947	0.630-0.669	2.008	5.035	2.437	3.067	1.969	0.750	0.945
SD403-17.00/17.99-54-0750R7	02622948	0.669-0.708	2.126	5.220	2.583	3.252	1.969	0.750	0.945
SD403-18.00/18.99-57-0750R7	02622949	0.709-0.748	2.244	5.406	2.728	3.437	1.969	0.750	0.945
SD403-19.00/19.99-60-0750R7	02622950	0.748-0.787	2.362	5.591	2.874	3.622	1.969	0.750	0.945

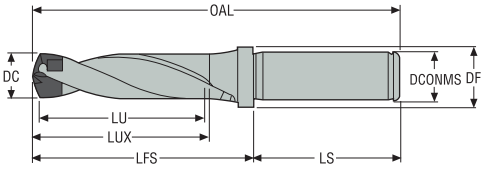
Accessori

Per punta diametro (pollici)	Chiave
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD403 – R1

Profondità di foratura ~ 3 x D – Codolo metrico





—Adduzione refrigerante interna
—Il codolo cilindrico (R1) è adatto agli attacchi: 5834/HC/HCR/HCS e 5672
—Per i parametri di taglio raccomandati, vedere pagina(e) 225

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD403-12.00/12.49-38-16R1	02622920	12,0-12,49	38,0	106,2	46,2	58,2	48,0	16,0	20,0
SD403-12.50/12.99-39-16R1	02622921	12,5-12,99	39,0	108,0	47,5	60,0	48,0	16,0	20,0
SD403-13.00/13.99-42-16R1	02622922	13,0-13,99	42,0	111,9	50,9	63,9	48,0	16,0	20,0
SD403-14.00/14.99-45-16R1	02622923	14,0-14,99	45,0	116,5	54,5	68,5	48,0	16,0	20,0
SD403-15.00/15.99-48-16R1	02622924	15,0-15,99	48,0	121,2	58,2	73,2	48,0	16,0	20,0
SD403-16.00/16.99-51-20R1	02622927	16,0-16,99	51,0	127,9	61,9	77,9	50,0	20,0	24,0
SD403-17.00/17.99-54-20R1	02622928	17,0-17,99	54,0	132,6	65,6	82,6	50,0	20,0	24,0
SD403-18.00/18.99-57-20R1	02622930	18,0-18,99	57,0	137,3	69,3	87,3	50,0	20,0	24,0
SD403-19.00/19.99-60-20R1	02622931	19,0-19,99	60,0	142,0	73,0	92,0	50,0	20,0	24,0

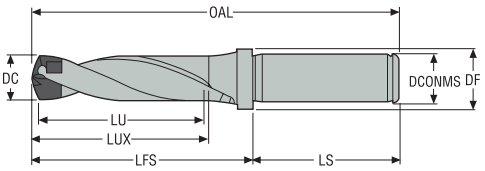
Accessori

Per punta diametro (mm)	Chiave
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD403 – R1

Profondità di foratura ~ 3 x D – Codolo in pollici





—Adduzione refrigerante interna
—Il codolo cilindrico (R1) è adatto agli attacchi: 5834/HC/HCR/HCS e 5672
—Per i parametri di taglio raccomandati, vedere pagina(e) 225

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD403-12.00/12.49-38-0625R1	02623538	0.472-0.492	1.496	4.181	1.819	2.291	1.890	0.625	0.787
SD403-12.50/12.99-39-0625R1	02623539	0.492-0.511	1.535	4.252	1.870	2.362	1.890	0.625	0.787
SD403-13.00/13.99-42-0625R1	02623540	0.512-0.551	1.654	4.406	2.004	2.516	1.890	0.625	0.787
SD403-14.00/14.99-45-0625R1	02623541	0.551-0.590	1.772	4.587	2.146	2.697	1.890	0.625	0.787
SD403-15.00/15.99-48-0625R1	02623542	0.591-0.630	1.890	4.772	2.291	2.882	1.890	0.625	0.787
SD403-16.00/16.99-51-0750R1	02623543	0.630-0.669	2.008	5.035	2.437	3.067	1.969	0.750	0.945
SD403-17.00/17.99-54-0750R1	02623544	0.669-0.708	2.126	5.220	2.583	3.252	1.969	0.750	0.945
SD403-18.00/18.99-57-0750R1	02623545	0.709-0.748	2.244	5.406	2.728	3.437	1.969	0.750	0.945
SD403-19.00/19.99-60-0750R1	02623546	0.748-0.787	2.362	5.591	2.874	3.622	1.969	0.750	0.945

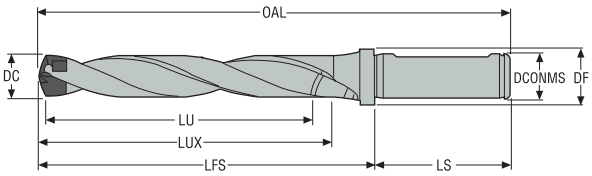
Accessori

Per punta diametro (pollici)	Chiave
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD405 – R7

Profondità di foratura ~ 5 x D – Codolo metrico





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 226

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD405-12.00/12.49-63-16R7	02623554	12,0-12,49	63,0	131,2	71,2	83,2	48,0	16,0	20,0
SD405-12.50/12.99-65-16R7	02623555	12,5-12,99	65,0	134,0	73,5	86,0	48,0	16,0	20,0
SD405-13.00/13.99-70-16R7	02623556	13,0-13,99	70,0	139,9	78,9	91,9	48,0	16,0	20,0
SD405-14.00/14.99-75-16R7	02623557	14,0-14,99	75,0	146,5	84,5	98,5	48,0	16,0	20,0
SD405-15.00/15.99-80-16R7	02623558	15,0-15,99	80,0	153,2	90,2	105,2	48,0	16,0	20,0
SD405-16.00/16.99-85-20R7	02623559	16,0-16,99	85,0	161,9	95,9	111,9	50,0	20,0	24,0
SD405-17.00/17.99-90-20R7	02623560	17,0-17,99	90,0	168,6	101,6	118,6	50,0	20,0	24,0
SD405-18.00/18.99-95-20R7	02623561	18,0-18,99	95,0	175,3	107,3	125,3	50,0	20,0	24,0
SD405-19.00/19.99-100-20R7	02623562	19,0-19,99	100,0	182,0	113,0	132,0	50,0	20,0	24,0

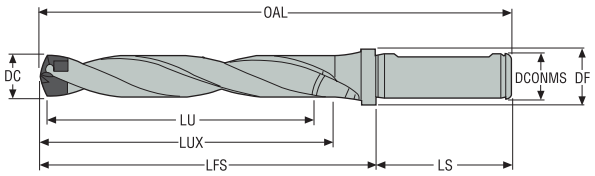
Accessori

Per punta diametro (mm)	Chiave
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD405 – R7

Profondità di foratura ~ 5 x D – Codolo in pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 226

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD405-12.00/12.49-63-0625R7	02623586	0.472-0.492	2.480	5.165	2.803	3.276	1.890	0.625	0.787
SD405-12.50/12.99-65-0625R7	02623587	0.492-0.511	2.559	5.276	2.894	3.386	1.890	0.625	0.787
SD405-13.00/13.99-70-0625R7	02623588	0.512-0.551	2.756	5.508	3.106	3.618	1.890	0.625	0.787
SD405-14.00/14.99-75-0625R7	02623589	0.551-0.590	2.953	5.768	3.327	3.878	1.890	0.625	0.787
SD405-15.00/15.99-80-0625R7	02623590	0.591-0.630	3.150	6.031	3.551	4.142	1.890	0.625	0.787
SD405-16.00/16.99-85-0750R7	02623591	0.630-0.669	3.346	6.374	3.776	4.406	1.969	0.750	0.945
SD405-17.00/17.99-90-0750R7	02623592	0.669-0.708	3.543	6.638	4.000	4.669	1.969	0.750	0.945
SD405-18.00/18.99-95-0750R7	02623593	0.709-0.748	3.740	6.902	4.224	4.933	1.969	0.750	0.945
SD405-19.00/19.99-100-0750R7	02623594	0.748-0.787	3.937	7.165	4.449	5.197	1.969	0.750	0.945

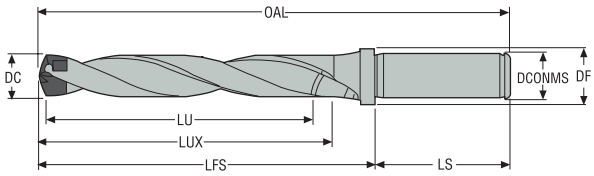
Accessori

Per punta diametro (pollici)	Chiave
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD405 – R1

Profondità di foratura ~ 5 x D – Codolo metrico





—Adduzione refrigerante interna
—Il codolo cilindrico (R1) è adatto agli attacchi: 5834/HC/HCR/HCS e 5672
—Per i parametri di taglio raccomandati, vedere pagina(e) 226

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD405-12.00/12.49-63-16R1	02623570	12,0-12,49	63,0	131,2	71,2	83,2	48,0	16,0	20,0
SD405-12.50/12.99-65-16R1	02623571	12,5-12,99	65,0	134,0	73,5	86,0	48,0	16,0	20,0
SD405-13.00/13.99-70-16R1	02623572	13,0-13,99	70,0	139,9	78,9	91,9	48,0	16,0	20,0
SD405-14.00/14.99-75-16R1	02623573	14,0-14,99	75,0	146,5	84,5	98,5	48,0	16,0	20,0
SD405-15.00/15.99-80-16R1	02623574	15,0-15,99	80,0	153,2	90,2	105,2	48,0	16,0	20,0
SD405-16.00/16.99-85-20R1	02623575	16,0-16,99	85,0	161,9	95,9	111,9	50,0	20,0	24,0
SD405-17.00/17.99-90-20R1	02623576	17,0-17,99	90,0	168,6	101,6	118,6	50,0	20,0	24,0
SD405-18.00/18.99-95-20R1	02623577	18,0-18,99	95,0	175,3	107,3	125,3	50,0	20,0	24,0
SD405-19.00/19.99-100-20R1	02623578	19,0-19,99	100,0	182,0	113,0	132,0	50,0	20,0	24,0

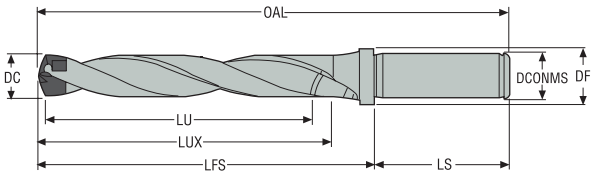
Accessori

Per punta diametro (mm)	Chiave
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD405 – R1

Profondità di foratura ~ 5 x D – Codolo in pollici





—Adduzione refrigerante interna
—Il codolo cilindrico (R1) è adatto agli attacchi: 5834/HC/HCR/HCS e 5672
—Per i parametri di taglio raccomandati, vedere pagina(e) 226

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD405-12.00/12.49-63-0625R1	02623603	0.472-0.492	2.480	5.165	2.803	3.276	1.890	0.625	0.787
SD405-12.50/12.99-65-0625R1	02623604	0.492-0.511	2.559	5.276	2.894	3.386	1.890	0.625	0.787
SD405-13.00/13.99-70-0625R1	02623605	0.512-0.551	2.756	5.508	3.106	3.618	1.890	0.625	0.787
SD405-14.00/14.99-75-0625R1	02623606	0.551-0.590	2.953	5.768	3.327	3.878	1.890	0.625	0.787
SD405-15.00/15.99-80-0625R1	02623607	0.591-0.630	3.150	6.031	3.551	4.142	1.890	0.625	0.787
SD405-16.00/16.99-85-0750R1	02623608	0.630-0.669	3.346	6.374	3.776	4.406	1.969	0.750	0.945
SD405-17.00/17.99-90-0750R1	02623609	0.669-0.708	3.543	6.638	4.000	4.669	1.969	0.750	0.945
SD405-18.00/18.99-95-0750R1	02623610	0.709-0.748	3.740	6.902	4.224	4.933	1.969	0.750	0.945
SD405-19.00/19.99-100-0750R1	02623611	0.748-0.787	3.937	7.165	4.449	5.197	1.969	0.750	0.945

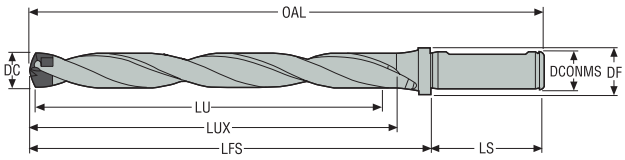
Accessori

Per punta diametro (pollici)	Chiave
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD408 – R7

Profondità di foratura ~ 8 x D – Codolo metrico





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 227

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD408-12.00/12.49-100-16R7	02623615	12,0-12,49	100,0	168,2	108,2	120,2	48,0	16,0	20,0
SD408-12.50/12.99-104-16R7	02623616	12,5-12,99	104,0	173,0	112,5	125,0	48,0	16,0	20,0
SD408-13.00/13.99-112-16R7	02623617	13,0-13,99	112,0	181,9	120,9	133,9	48,0	16,0	20,0
SD408-14.00/14.99-120-16R7	02623618	14,0-14,99	120,0	191,5	129,5	143,5	48,0	16,0	20,0
SD408-15.00/15.99-128-16R7	02623619	15,0-15,99	128,0	201,2	138,2	153,2	48,0	16,0	20,0
SD408-16.00/16.99-136-20R7	02623620	16,0-16,99	136,0	212,9	146,9	162,9	50,0	20,0	24,0
SD408-17.00/17.99-144-20R7	02623621	17,0-17,99	144,0	222,6	155,6	172,6	50,0	20,0	24,0
SD408-18.00/18.99-152-20R7	02623622	18,0-18,99	152,0	232,3	164,3	182,3	50,0	20,0	24,0
SD408-19.00/19.99-160-20R7	02623623	19,0-19,99	160,0	242,0	173,0	192,0	50,0	20,0	24,0

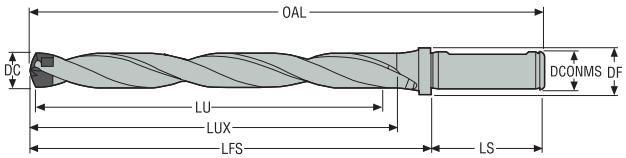
Accessori

Per punta diametro (mm)	Chiave
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD408 – R7

Profondità di foratura ~ 8 x D – Codolo in pollici





—Adduzione refrigerante interna
—ISO9766 per attacchi: Weldon 1835B, ISO 5414, DIN 60880
—Per i parametri di taglio raccomandati, vedere pagina(e) 227

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD408-12.00/12.49-100-0625R7	02623639	0.472-0.492	3.937	6.622	4.260	4.732	1.890	0.625	0.787
SD408-12.50/12.99-104-0625R7	02623640	0.492-0.511	4.094	6.811	4.429	4.921	1.890	0.625	0.787
SD408-13.00/13.99-112-0625R7	02623641	0.512-0.551	4.409	7.161	4.760	5.272	1.890	0.625	0.787
SD408-14.00/14.99-120-0625R7	02623642	0.551-0.590	4.724	7.539	5.098	5.650	1.890	0.625	0.787
SD408-15.00/15.99-128-0625R7	02623643	0.591-0.630	5.039	7.921	5.441	6.031	1.890	0.625	0.787
SD408-16.00/16.99-136-0750R7	02623644	0.630-0.669	5.354	8.382	5.783	6.413	1.969	0.750	0.945
SD408-17.00/17.99-144-0750R7	02623645	0.669-0.708	5.669	8.764	6.126	6.795	1.969	0.750	0.945
SD408-18.00/18.99-152-0750R7	02623646	0.709-0.748	5.984	9.146	6.469	7.177	1.969	0.750	0.945
SD408-19.00/19.99-160-0750R7	02623647	0.748-0.787	6.299	9.528	6.811	7.559	1.969	0.750	0.945

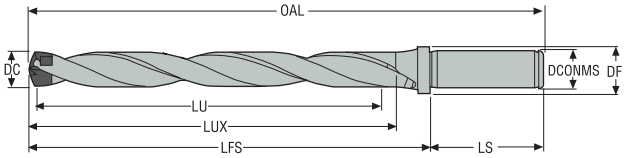
Accessori

Per punta diametro (pollici)	Chiave
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

SD408 – R1

Profondità di foratura ~ 8 x D – Codolo metrico





—Adduzione refrigerante interna
—Il codolo cilindrico (R1) è adatto agli attacchi: 5834/HC/HCR/HCS e 5672
—Per i parametri di taglio raccomandati, vedere pagina(e) 227

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		mm	mm	mm	mm	mm	mm	mm	mm
SD408-12.00/12.49-100-16R1	02623627	12,0-12,49	100,0	168,2	108,2	120,2	48,0	16,0	20,0
SD408-12.50/12.99-104-16R1	02623628	12,5-12,99	104,0	173,0	112,5	125,0	48,0	16,0	20,0
SD408-13.00/13.99-112-16R1	02623629	13,0-13,99	112,0	181,9	120,9	133,9	48,0	16,0	20,0
SD408-14.00/14.99-120-16R1	02623630	14,0-14,99	120,0	191,5	129,5	143,5	48,0	16,0	20,0
SD408-15.00/15.99-128-16R1	02623631	15,0-15,99	128,0	201,2	138,2	153,2	48,0	16,0	20,0
SD408-16.00/16.99-136-20R1	02623632	16,0-16,99	136,0	212,9	146,9	162,9	50,0	20,0	24,0
SD408-17.00/17.99-144-20R1	02623633	17,0-17,99	144,0	222,6	155,6	172,6	50,0	20,0	24,0
SD408-18.00/18.99-152-20R1	02623634	18,0-18,99	152,0	232,3	164,3	182,3	50,0	20,0	24,0
SD408-19.00/19.99-160-20R1	02623635	19,0-19,99	160,0	242,0	173,0	192,0	50,0	20,0	24,0

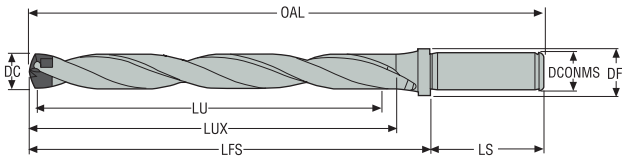
Accessori

Per punta diametro (mm)	Chiave
	
12,00-12,99	SD400-K05
13,00-14,99	SD400-K06
15,00-16,99	SD400-K07
17,00-18,99	SD400-K08
19,00-19,99	SD400-K09

SD408 – R1

Profondità di foratura ~ 8 x D – Codolo in pollici





—Adduzione refrigerante interna
—Il codolo cilindrico (R1) è adatto agli attacchi: 5834/HC/HCR/HCS e 5672
—Per i parametri di taglio raccomandati, vedere pagina(e) 227

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*
SD408-12.00/12.49-100-0625R1	02623651	0.472-0.492	3.937	6.622	4.260	4.732	1.890	0.625	0.787
SD408-12.50/12.99-104-0625R1	02623652	0.492-0.511	4.094	6.811	4.429	4.921	1.890	0.625	0.787
SD408-13.00/13.99-112-0625R1	02623653	0.512-0.551	4.409	7.161	4.760	5.272	1.890	0.625	0.787
SD408-14.00/14.99-120-0625R1	02623654	0.551-0.590	4.724	7.539	5.098	5.650	1.890	0.625	0.787
SD408-15.00/15.99-128-0625R1	02623655	0.591-0.630	5.039	7.921	5.441	6.031	1.890	0.625	0.787
SD408-16.00/16.99-136-0750R1	02623656	0.630-0.669	5.354	8.382	5.783	6.413	1.969	0.750	0.945
SD408-17.00/17.99-144-0750R1	02623657	0.669-0.708	5.669	8.764	6.126	6.795	1.969	0.750	0.945
SD408-18.00/18.99-152-0750R1	02623658	0.709-0.748	5.984	9.146	6.469	7.177	1.969	0.750	0.945
SD408-19.00/19.99-160-0750R1	02623659	0.748-0.787	6.299	9.528	6.811	7.559	1.969	0.750	0.945

Accessori

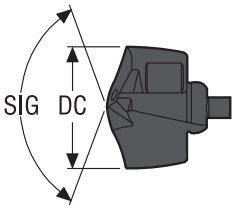
Per punta diametro (pollici)	Chiave
	
0.472-0.511	SD400-K05
0.512-0.590	SD400-K06
0.591-0.669	SD400-K07
0.669-0.748	SD400-K08
0.748-0.787	SD400-K09

Corone – Geometria -P e -M

Angolo di punta 140°







Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	DC	
				mm	*inch*
SD400-12.00-M	02826210	–	■	12,0	*0.472*
SD400-12.00-P	02630908	■	–	12,0	*0.472*
SD400-12.10-P	02630910	■	–	12,1	*0.476*
SD400-12.20-P	02630911	■	–	12,2	*0.480*
SD400-12.30-M	02826211	–	■	12,3	*0.484*
SD400-12.30-P	02630912	■	–	12,3	*0.484*
SD400-12.41-M	02826212	–	■	12,41	*0.489*
SD400-12.41-P	02630913	■	–	12,41	*0.489*
SD400-12.50-M	02826213	–	■	12,5	*0.492*
SD400-12.50-P	02630915	■	–	12,5	*0.492*
SD400-12.60-P	02630916	■	–	12,6	*0.496*
SD400-12.70-M	02826214	–	■	12,7	*0.500*
SD400-12.70-P	02630917	■	–	12,7	*0.500*
SD400-12.80-M	02826215	–	■	12,8	*0.504*
SD400-12.80-P	02630918	■	–	12,8	*0.504*
SD400-12.90-M	02826216	–	■	12,9	*0.508*
SD400-12.90-P	02630919	■	–	12,9	*0.508*
SD400-13.00-M	02826217	–	■	13,0	*0.512*
SD400-13.00-P	02634577	■	–	13,0	*0.512*
SD400-13.10-M	02826218	–	■	13,1	*0.516*
SD400-13.10-P	02634578	■	–	13,1	*0.516*
SD400-13.20-P	02634579	■	–	13,2	*0.520*
SD400-13.30-M	02826219	–	■	13,3	*0.524*
SD400-13.30-P	02634580	■	–	13,3	*0.524*
SD400-13.50-M	02826220	–	■	13,5	*0.531*
SD400-13.50-P	02634581	■	–	13,5	*0.531*
SD400-13.70-M	02826221	–	■	13,7	*0.539*
SD400-13.70-P	02634582	■	–	13,7	*0.539*
SD400-13.80-M	02826222	–	■	13,8	*0.543*
SD400-13.80-P	02634583	■	–	13,8	*0.543*
SD400-13.89-M	02826223	–	■	13,89	*0.547*
SD400-13.89-P	02634584	■	–	13,89	*0.547*
SD400-14.00-M	02826224	–	■	14,0	*0.551*
SD400-14.00-P	02634589	■	–	14,0	*0.551*
SD400-14.10-P	02634590	■	–	14,1	*0.555*
SD400-14.20-M	02826225	–	■	14,2	*0.559*
SD400-14.20-P	02634591	■	–	14,2	*0.559*
SD400-14.288-M	02826226	–	■	14,29	*0.563*
SD400-14.288-P	02634592	■	–	14,288	*0.563*
SD400-14.40-P	02634593	■	–	14,4	*0.567*
SD400-14.50-M	02826227	–	■	14,5	*0.571*
SD400-14.50-P	02634594	■	–	14,5	*0.571*
SD400-14.68-M	02826228	–	■	14,68	*0.578*

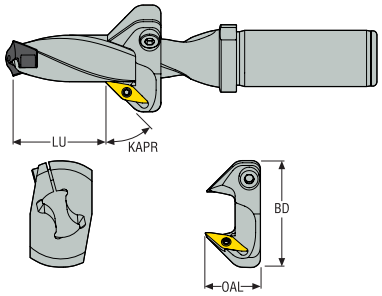
Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	DC	
				mm	*inch*
SD400-14.68-P	02634595	■	–	14,68	*0.578*
SD400-14.70-M	02826229	–	■	14,7	*0.579*
SD400-14.70-P	02634596	■	–	14,7	*0.579*
SD400-14.80-M	02826230	–	■	14,8	*0.583*
SD400-14.80-P	02634597	■	–	14,8	*0.583*
SD400-14.90-M	02826231	–	■	14,9	*0.587*
SD400-14.90-P	02634598	■	–	14,9	*0.587*
SD400-15.00-M	02826232	–	■	15,0	*0.591*
SD400-15.00-P	02634599	■	–	15,0	*0.591*
SD400-15.08-M	02826233	–	■	15,08	*0.594*
SD400-15.08-P	02634600	■	–	15,08	*0.594*
SD400-15.10-P	02634601	■	–	15,1	*0.594*
SD400-15.20-P	02634602	■	–	15,2	*0.598*
SD400-15.25-M	02826234	–	■	15,25	*0.600*
SD400-15.25-P	02634603	■	–	15,25	*0.600*
SD400-15.478-M	02826235	–	■	15,48	*0.609*
SD400-15.478-P	02634604	■	–	15,478	*0.609*
SD400-15.50-M	02826236	–	■	15,5	*0.610*
SD400-15.50-P	02634605	■	–	15,5	*0.610*
SD400-15.70-M	02826237	–	■	15,7	*0.618*
SD400-15.70-P	02634607	■	–	15,7	*0.618*
SD400-15.80-M	02826238	–	■	15,8	*0.622*
SD400-15.80-P	02634608	■	–	15,8	*0.622*
SD400-15.875-M	02826239	–	■	15,88	*0.625*
SD400-15.875-P	02634609	■	–	15,875	*0.625*
SD400-16.00-M	02826240	–	■	16,0	*0.630*
SD400-16.00-P	02635956	■	–	16,0	*0.630*
SD400-16.10-P	02635957	■	–	16,1	*0.634*
SD400-16.20-P	02635958	■	–	16,2	*0.638*
SD400-16.25-P	02635959	■	–	16,25	*0.640*
SD400-16.27-M	02826241	–	■	16,27	*0.641*
SD400-16.27-P	02635960	■	–	16,27	*0.641*
SD400-16.40-P	02635962	■	–	16,4	*0.646*
SD400-16.50-M	02826242	–	■	16,5	*0.650*
SD400-16.50-P	02635963	■	–	16,5	*0.650*
SD400-16.669-M	02826243	–	■	16,67	*0.656*
SD400-16.669-P	02635964	■	–	16,669	*0.656*
SD400-16.70-M	02826244	–	■	16,7	*0.657*
SD400-16.70-P	02635966	■	–	16,7	*0.657*
SD400-16.80-M	02826245	–	■	16,8	*0.661*
SD400-16.80-P	02635968	■	–	16,8	*0.661*
SD400-16.90-P	02635969	■	–	16,9	*0.665*
SD400-17.00-M	02826246	–	■	17,0	*0.669*
SD400-17.00-P	02635970	■	–	17,0	*0.669*
SD400-17.065-M	02826247	–	■	17,07	*0.672*
SD400-17.065-P	02635972	■	–	17,065	*0.672*
SD400-17.10-P	02635973	■	–	17,1	*0.673*
SD400-17.20-P	02635974	■	–	17,2	*0.677*
SD400-17.35-P	02888828	■	–	17,35	*0.683*
SD400-17.463-M	02826248	–	■	17,46	*0.687*
SD400-17.463-P	02635975	■	–	17,463	*0.688*
SD400-17.50-M	02826249	–	■	17,5	*0.689*
SD400-17.50-P	02635976	■	–	17,5	*0.689*

Codice di ordinazione	Codice prodotto	Geometria -P per acciaio	Geometria -M per acciaio inossidabile e leghe per alte temperature	DC	
				mm	*inch*
SD400-17.70-M	02826250	–	■	17,7	*0.697*
SD400-17.70-P	02635977	■	–	17,7	*0.697*
SD400-17.80-M	02826251	–	■	17,8	*0.701*
SD400-17.80-P	02635978	■	–	17,8	*0.701*
SD400-17.859-M	02826252	–	■	17,86	*0.703*
SD400-17.859-P	02635979	■	–	17,859	*0.703*
SD400-17.90-M	02826253	–	■	17,9	*0.705*
SD400-17.90-P	02635980	■	–	17,9	*0.705*
SD400-18.00-M	02826254	–	■	18,0	*0.709*
SD400-18.00-P	02635981	■	–	18,0	*0.709*
SD400-18.10-P	02635982	■	–	18,1	*0.713*
SD400-18.20-P	02635983	■	–	18,2	*0.717*
SD400-18.256-M	02826255	–	■	18,26	*0.719*
SD400-18.256-P	02635984	■	–	18,256	*0.719*
SD400-18.50-M	02826256	–	■	18,5	*0.728*
SD400-18.50-P	02635985	■	–	18,5	*0.728*
SD400-18.653-M	02826257	–	■	18,65	*0.734*
SD400-18.653-P	02635986	■	–	18,653	*0.734*
SD400-18.70-M	02826258	–	■	18,7	*0.736*
SD400-18.70-P	02635987	■	–	18,7	*0.736*
SD400-18.80-M	02826259	–	■	18,8	*0.740*
SD400-18.80-P	02635988	■	–	18,8	*0.740*
SD400-18.90-M	02826260	–	■	18,9	*0.744*
SD400-18.90-P	02635989	■	–	18,9	*0.744*
SD400-19.00-M	02826261	–	■	19,0	*0.748*
SD400-19.00-P	02635991	■	–	19,0	*0.748*
SD400-19.05-M	02826262	–	■	19,05	*0.750*
SD400-19.05-P	02635992	■	–	19,05	*0.750*
SD400-19.10-P	02635993	■	–	19,1	*0.752*
SD400-19.20-M	02826263	–	■	19,2	*0.756*
SD400-19.20-P	02635995	■	–	19,2	*0.756*
SD400-19.447-M	02826264	–	■	19,45	*0.766*
SD400-19.447-P	02635997	■	–	19,447	*0.766*
SD400-19.50-M	02826265	–	■	19,5	*0.768*
SD400-19.50-P	02635998	■	–	19,5	*0.768*
SD400-19.70-M	02826266	–	■	19,7	*0.776*
SD400-19.70-P	02635999	■	–	19,7	*0.776*
SD400-19.80-M	02826267	–	■	19,8	*0.780*
SD400-19.80-P	02636000	■	–	19,8	*0.780*
SD400-19.844-M	02826268	–	■	19,84	*0.781*
SD400-19.844-P	02636001	■	–	19,844	*0.781*
SD400-19.90-M	02826269	–	■	19,9	*0.783*
SD400-19.90-P	02636002	■	–	19,9	*0.783*

■ Prodotto standard.

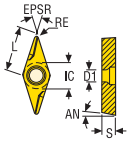
Modulo per smussi





Codice di ordinazione	Codice prodotto	Per corpo punta	LU profondità di foratura SD403 (min-max)		SD405 (min-max)		SD408 (min-max)		Max profondità smusso (mm)	OAL	BD	KAPR°
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	
SD400-C45-12.00/12.49	02846075	SD40x-12.00/12.49	6,0 *0.236*	22,0 *0.866*	6,0 *0.236*	47,0 *1.850*	47,0 *1.850*	84,0 *3.307*	1,5 *0.059*	20,0 *0.787*	34,0 *1.339*	45
SD400-C45-12.50/12.99	02846076	SD40x-12.50/12.99	7,0 *0.276*	23,0 *0.906*	7,0 *0.276*	48,0 *1.890*	48,0 *1.890*	88,0 *3.465*	1,5 *0.059*	20,0 *0.787*	34,0 *1.339*	45
SD400-C45-13.00/13.99	02846077	SD40x-13.00/13.99	7,0 *0.276*	27,0 *1.063*	7,0 *0.276*	55,0 *2.165*	55,0 *2.165*	97,0 *3.819*	1,5 *0.059*	20,0 *0.787*	34,0 *1.339*	45
SD400-C45-14.00/14.99	02846078	SD40x-14.00/14.99	7,0 *0.276*	33,0 *1.299*	7,0 *0.276*	60,0 *2.362*	60,0 *2.362*	105,0 *4.134*	1,5 *0.059*	20,0 *0.787*	36,0 *1.417*	45
SD400-C45-15.00/15.99	02846079	SD40x-15.00/15.99	8,0 *0.315*	35,0 *1.378*	8,0 *0.315*	67,0 *2.638*	67,0 *2.638*	114,0 *4.488*	1,5 *0.059*	20,0 *0.787*	36,0 *1.417*	45
SD400-C45-16.00/16.99	02846080	SD40x-16.00/16.99	8,0 *0.315*	38,0 *1.496*	8,0 *0.315*	72,0 *2.835*	72,0 *2.835*	123,0 *4.843*	1,5 *0.059*	20,0 *0.787*	38,0 *1.496*	45
SD400-C45-17.00/17.99	02846117	SD40x-17.00/17.99	9,0 *0.354*	43,0 *1.693*	9,0 *0.354*	79,0 *3.110*	79,0 *3.110*	132,0 *5.197*	1,5 *0.059*	20,0 *0.787*	38,0 *1.496*	45
SD400-C45-18.00/18.99	02846082	SD40x-18.00/18.99	9,0 *0.354*	45,0 *1.772*	9,0 *0.354*	83,0 *3.268*	83,0 *3.268*	140,0 *5.512*	1,5 *0.059*	20,0 *0.787*	40,0 *1.575*	45
SD400-C45-19.00/19.99	02846083	SD40x-19.00/19.99	10,0 *0.394*	49,0 *1.929*	10,0 *0.394*	89,0 *3.504*	89,0 *3.504*	149,0 *5.866*	1,5 *0.059*	20,0 *0.787*	40,0 *1.575*	45

Inserto



Tolleranze: mm/*inch*

IC = ±0,025/*.0009842*
S = ±0,07/*.0027559*
RE = ±0,10/*.0039370*

Dimensione	L mm/*inch*	EPSR	RE mm/*inch*	IC mm/*inch*	D1 mm/*inch*	AN	S mm/*inch*
09	**9,0**/*.2187*	**35°**	**0,2**/*.0078*	**5,556**/*.2187*	**2,9**/*.1141*	**7°**	**2,5**/*.0984*

Qualità: T400D

Descrizione: VCGX090202-D1

Codice prodotto: 00014948

SD403 – ∅ 12-20 mm / *0.472-0.787 pollici*

SMG		f					v_c
		Ø12,00 *Ø 0.472*	Ø14,00 *Ø 0.551*	Ø16,00 *Ø 0.630*	Ø18,00 *Ø 0.709*	Ø20,00 *Ø 0.787*	
P1	P	0,30	0,32	0,34	0,36	0,36	155
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*510*
P2	P	0,30	0,32	0,34	0,36	0,38	150
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*490*
P3	P	0,28	0,30	0,32	0,34	0,36	130
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*425*
P4	P	0,28	0,30	0,32	0,34	0,34	115
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*375*
P5	P	0,28	0,30	0,32	0,32	0,34	110
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*360*
P6	P	0,28	0,30	0,30	0,32	0,34	120
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*395*
P7	P	0,28	0,30	0,30	0,32	0,34	115
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*375*
P8	P	0,28	0,30	0,32	0,34	0,36	110
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*360*
P11	P	0,28	0,30	0,30	0,32	0,34	110
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*360*
P12	P	0,19	0,20	0,22	0,22	0,24	65
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*215*
M1	M	0,17	0,19	0,20	0,22	0,22	95
	M	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*310*
M2	M	0,16	0,17	0,18	0,19	0,20	80
	M	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*260*
M3	M	0,13	0,14	0,14	0,15	0,16	60
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0065*	*195*
M4	M	0,11	0,12	0,13	0,13	0,14	45
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*150*
M5	M	0,11	0,12	0,13	0,13	0,14	37
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*120*
K1	P	0,28	0,30	0,32	0,34	0,36	110
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*360*
K2	P	0,26	0,28	0,30	0,32	0,32	95
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
K3	P	0,26	0,28	0,30	0,32	0,32	80
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*260*
K4	P	0,26	0,28	0,30	0,32	0,32	75
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*245*
K5	P	0,24	0,25	0,26	0,28	0,30	45
	P	*0.0095*	*0.010*	*0.010*	*0.011*	*0.012*	*150*
N2	M	0,26	0,28	0,30	0,32	0,34	215
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*710*
N3	M	0,26	0,28	0,30	0,32	0,34	145
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*475*
N11	M	0,26	0,28	0,30	0,32	0,34	170
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*560*
S1	M	0,095	0,11	0,12	0,13	0,13	34
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*110*
S2	M	0,095	0,11	0,12	0,13	0,13	24
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*80*
S3	M	0,095	0,11	0,12	0,13	0,13	24
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*80*
S11	M	0,16	0,17	0,19	0,20	0,22	65
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*215*
S12	M	0,16	0,17	0,19	0,20	0,22	49
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*160*
S13	M	0,14	0,15	0,17	0,18	0,19	38
	M	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*125*
H3	P	0,12	0,13	0,14	0,15	0,15	32
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*105*
H5	P	0,19	0,20	0,22	0,22	0,24	60
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*195*
H7	P	0,12	0,13	0,14	0,15	0,15	32
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*105*
H8	P	0,14	0,15	0,16	0,17	0,18	60
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*195*
H11	P	0,19	0,20	0,22	0,22	0,24	75
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*245*
H12	P	0,14	0,15	0,16	0,17	0,18	39
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*130*
H21	P	0,14	0,15	0,16	0,17	0,18	60
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*195*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD405 – ∅ 12-20 mm / *0.472-0.787 pollici*

SMG		f					v_c
		Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,30	0,32	0,34	0,36	0,36	125
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*410*
P2	P	0,30	0,32	0,34	0,36	0,38	120
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*395*
P3	P	0,28	0,30	0,32	0,34	0,36	105
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*345*
P4	P	0,28	0,30	0,32	0,34	0,34	95
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*310*
P5	P	0,28	0,30	0,32	0,32	0,34	90
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*295*
P6	P	0,28	0,30	0,30	0,32	0,34	100
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*330*
P7	P	0,28	0,30	0,30	0,32	0,34	95
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*310*
P8	P	0,28	0,30	0,32	0,34	0,36	90
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*295*
P11	P	0,28	0,30	0,30	0,32	0,34	90
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*295*
P12	P	0,19	0,20	0,22	0,22	0,24	55
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*180*
M1	M	0,17	0,19	0,20	0,22	0,22	80
	M	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*260*
M2	M	0,16	0,17	0,18	0,19	0,20	65
	M	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*215*
M3	M	0,13	0,14	0,14	0,15	0,16	49
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0065*	*160*
M4	M	0,11	0,12	0,13	0,13	0,14	37
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*120*
M5	M	0,11	0,12	0,13	0,13	0,14	31
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*100*
K1	P	0,28	0,30	0,32	0,34	0,36	90
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*295*
K2	P	0,26	0,28	0,30	0,32	0,32	75
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*245*
K3	P	0,26	0,28	0,30	0,32	0,32	65
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*215*
K4	P	0,26	0,28	0,30	0,32	0,32	60
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*195*
K5	P	0,24	0,25	0,26	0,28	0,30	37
	P	*0.0095*	*0.010*	*0.010*	*0.011*	*0.012*	*120*
N2	M	0,26	0,28	0,30	0,32	0,34	175
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*570*
N3	M	0,26	0,28	0,30	0,32	0,34	120
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*395*
N11	M	0,26	0,28	0,30	0,32	0,34	140
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*460*
S1	M	0,095	0,11	0,12	0,13	0,13	28
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*90*
S2	M	0,095	0,11	0,12	0,13	0,13	20
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*65*
S3	M	0,095	0,11	0,12	0,13	0,13	20
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*65*
S11	M	0,16	0,17	0,19	0,20	0,22	50
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*165*
S12	M	0,16	0,17	0,19	0,20	0,22	40
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*130*
S13	M	0,14	0,15	0,17	0,18	0,19	31
	M	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*100*
H3	P	0,12	0,13	0,14	0,15	0,15	26
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*85*
H5	P	0,19	0,20	0,22	0,22	0,24	49
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*160*
H7	P	0,12	0,13	0,14	0,15	0,15	26
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*85*
H8	P	0,14	0,15	0,16	0,17	0,18	49
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*160*
H11	P	0,19	0,20	0,22	0,22	0,24	60
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*195*
H12	P	0,14	0,15	0,16	0,17	0,18	32
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*105*
H21	P	0,14	0,15	0,16	0,17	0,18	49
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*160*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD408 – ∅ 12-20 mm / *0.472-0.787 pollici*

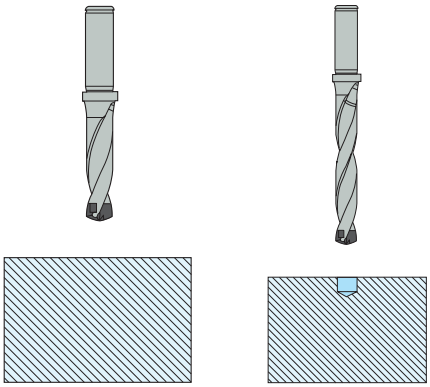
SMG		f					v_c
		Ø 12,00 *Ø 0.472*	Ø 14,00 *Ø 0.551*	Ø 16,00 *Ø 0.630*	Ø 18,00 *Ø 0.709*	Ø 20,00 *Ø 0.787*	
P1	P	0,30	0,32	0,34	0,36	0,36	100
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.014*	*330*
P2	P	0,30	0,32	0,34	0,36	0,38	100
	P	*0.012*	*0.013*	*0.013*	*0.014*	*0.015*	*330*
P3	P	0,28	0,30	0,32	0,34	0,36	85
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*280*
P4	P	0,28	0,30	0,32	0,34	0,34	75
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*245*
P5	P	0,28	0,30	0,32	0,32	0,34	70
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.013*	*230*
P6	P	0,28	0,30	0,30	0,32	0,34	80
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*260*
P7	P	0,28	0,30	0,30	0,32	0,34	75
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*245*
P8	P	0,28	0,30	0,32	0,34	0,36	70
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*230*
P11	P	0,28	0,30	0,30	0,32	0,34	75
	P	*0.011*	*0.012*	*0.012*	*0.013*	*0.013*	*245*
P12	P	0,19	0,20	0,22	0,22	0,24	43
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*140*
M1	M	0,17	0,19	0,20	0,22	0,22	65
	M	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*215*
M2	M	0,16	0,17	0,18	0,19	0,20	50
	M	*0.0065*	*0.0065*	*0.0070*	*0.0075*	*0.0080*	*165*
M3	M	0,13	0,14	0,14	0,15	0,16	39
	M	*0.0050*	*0.0055*	*0.0055*	*0.0060*	*0.0065*	*130*
M4	M	0,11	0,12	0,13	0,13	0,14	29
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*95*
M5	M	0,11	0,12	0,13	0,13	0,14	24
	M	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*0.0055*	*80*
K1	P	0,28	0,30	0,32	0,34	0,36	70
	P	*0.011*	*0.012*	*0.013*	*0.013*	*0.014*	*230*
K2	P	0,26	0,28	0,30	0,32	0,32	60
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*195*
K3	P	0,26	0,28	0,30	0,32	0,32	50
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*165*
K4	P	0,26	0,28	0,30	0,32	0,32	49
	P	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*160*
K5	P	0,24	0,25	0,26	0,28	0,30	29
	P	*0.0095*	*0.010*	*0.010*	*0.011*	*0.012*	*95*
N2	M	0,26	0,28	0,30	0,32	0,34	140
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*460*
N3	M	0,26	0,28	0,30	0,32	0,34	95
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*310*
N11	M	0,26	0,28	0,30	0,32	0,34	110
	M	*0.010*	*0.011*	*0.012*	*0.013*	*0.013*	*360*
S1	M	0,095	0,11	0,12	0,13	0,13	22
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*70*
S2	M	0,095	0,11	0,12	0,13	0,13	16
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*50*
S3	M	0,095	0,11	0,12	0,13	0,13	16
	M	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*0.0050*	*50*
S11	M	0,16	0,17	0,19	0,20	0,22	42
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*140*
S12	M	0,16	0,17	0,19	0,20	0,22	32
	M	*0.0065*	*0.0065*	*0.0075*	*0.0080*	*0.0085*	*105*
S13	M	0,14	0,15	0,17	0,18	0,19	25
	M	*0.0055*	*0.0060*	*0.0065*	*0.0070*	*0.0075*	*80*
H3	P	0,12	0,13	0,14	0,15	0,15	21
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*70*
H5	P	0,19	0,20	0,22	0,22	0,24	39
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*130*
H7	P	0,12	0,13	0,14	0,15	0,15	21
	P	*0.0048*	*0.0050*	*0.0055*	*0.0060*	*0.0060*	*70*
H8	P	0,14	0,15	0,16	0,17	0,18	39
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*130*
H11	P	0,19	0,20	0,22	0,22	0,24	49
	P	*0.0075*	*0.0080*	*0.0085*	*0.0085*	*0.0095*	*160*
H12	P	0,14	0,15	0,16	0,17	0,18	26
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*85*
H21	P	0,14	0,15	0,16	0,17	0,18	39
	P	*0.0055*	*0.0060*	*0.0065*	*0.0065*	*0.0070*	*130*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

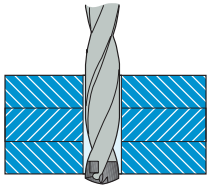
Informazioni applicative

Informazioni applicative

Superficie lavorata
Nessuna pre-foratura e nessun avanzamento d'ingresso necessari usando SD403 e SD405. Quando si usa una punta SD408, è sempre raccomandata una pre-foratura. (Prima di usare una punta SD405 su acciaio inossidabile potrebbe essere necessaria un'operazione di pre-foratura).



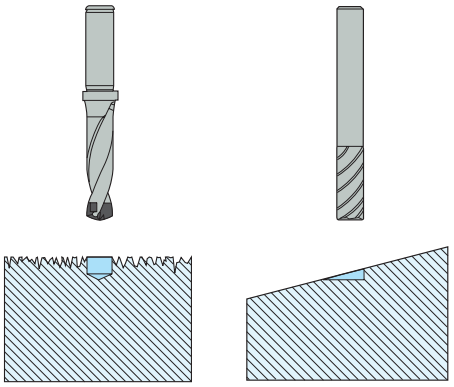
Foratura a pacco
È possibile eseguire forature a pacco solo se i pezzi sono saldamente serrati l'uno contro l'altro, così da non avere interstizi tra le parti. Gli interstizi possono influenzare l'evacuazione dei trucioli e quindi danneggiare la punta.



Foro con entrata irregolare/inclinata

Se il foro ha entrata irregolare o inclinata, effettuare le pre-lavorazioni necessarie. Quando si fora con punte > 3 x D, è raccomandata una pre-foratura con una punta standard, ad esempio SD403.

Alternative di pre-lavorazione



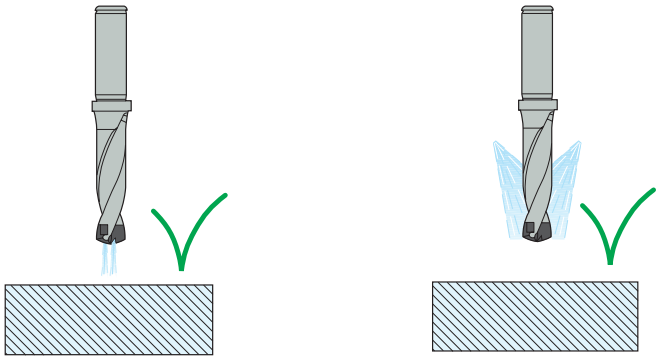
Foro con entrata irregolare

Foro con entrata inclinata

Creare un piano utilizzando una fresa integrale della gamma Seco.

Raccomandazioni sul refrigerante

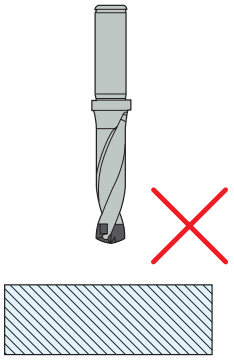
Pressione del refrigerante
Pressione minima del refrigerante raccomandata 10 bar (145 PSI) con ≤ 3 x D
Pressione minima del refrigerante raccomandata 30 bar (435 PSI) con > 3 x D



Prima scelta

< 3 x D

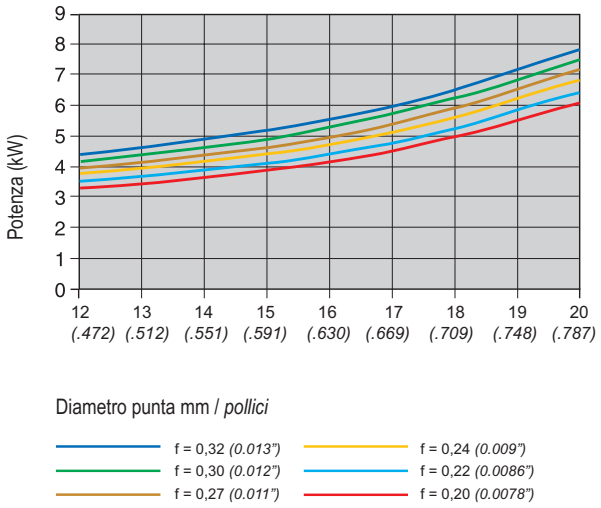
Composizione del refrigerante
Percentuale di olio nell'emulsione raccomandata: 6-8%. Quando si forano acciaio inossidabile, superleghe ed acciai ad alta resistenza, si consiglia di utilizzare una concentrazione del 10%



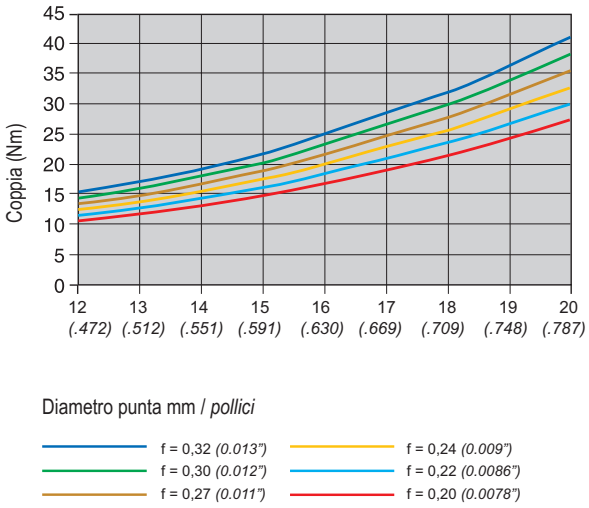
Parametri di lavorazione

I valori dei grafici variano in funzione dei parametri di taglio, dei materiali, dell'efficienza della macchina e dell'usura dell'utensile.
I grafici sono validi per foratura del gruppo materiale Seco (SMG) P5-P6 e per una velocità di taglio di 90 m/min *(295 sf/min)*.

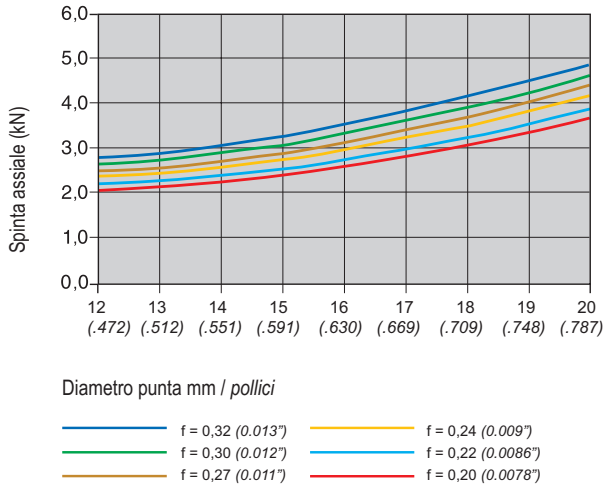
Potenza assorbita



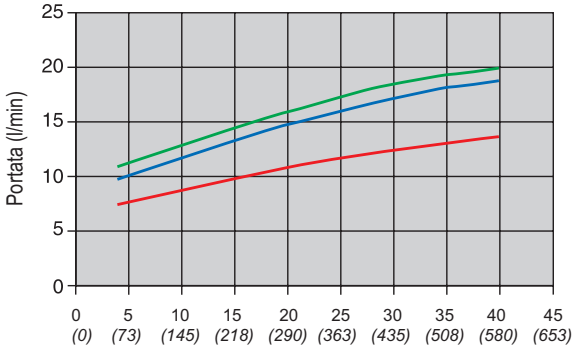
Coppia applicata



Forza di avanzamento



Portata refrigerante a diverse pressioni



Portata refrigerante raccomandata Dx1 l/min
Portata refrigerante minima D/2 l/min
D = Diametro punta
Pressione refrigerante minima raccomandata: 10 bar *(145 PSI)* con ≤ 3 x D
Pressione refrigerante minima raccomandata: 20 bar *(290 PSI)* con ≤ 5 x D
Pressione refrigerante minima raccomandata: 40 bar *(580 PSI)* con > 5 x D

Composizione del refrigerante
Percentuale di olio nell'emulsione raccomandata: 6-8%.
Per forare acciaio inossidabile, superleghe ed acciai ad alta resistenza, si consiglia di utilizzare una concentrazione del 10%.

Tolleranza del foro/Finitura superficiale

SD403, SD405 e SD408 IT9-10 / R_a 1-4*, R_a 39-157 µin*					
∅ punta DC (mm)	**Tolleranza IT9 (µm)**	**Tolleranza IT10 (µm)**	**∅ Punta DC** *(pollici)*	**Tolleranza IT9** *(pollici)*	**Tolleranza IT10** *(pollici)*
10-18	0 – +43	0 – +70	*0 – +0.394-0.709*	*0 – +0.0017*	*0 – +0.0028*
18-30	0 – +52	0 – +84	*0 – +0.709-1.181*	*0 – +0.0020*	*0 – +0.0033*

*Quando si forano acciai inossidabili e acciai a basso tenore di carbonio, si può verificare un deterioramento della finitura superficiale e della tolleranza del foro. Per la migliore qualità del foro, impiegare la punta più corta possibile.

Problemi e soluzioni – Verifiche iniziali:

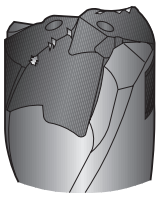
- Stabilità del fissaggio
- Condizioni del mandrino macchina
- Condizioni del portautensile

- Bloccaggio dell'utensile:
  - Eccentricità entro 0,06 TIR

- Evacuazione del truciolo:
  - Parametri di taglio

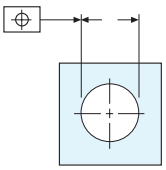
- Refrigerante:
  - Pressione
  - Flusso
  - Concentrazione

Scheggiature del tagliente



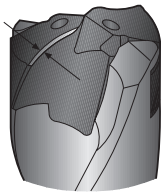
- Ridurre l'avanzamento/giro
- In presenza di vibrazioni, ridurre la velocità di taglio ed aumentare l'avanzamento
- Quando si forano superfici grezze, dure o inclinate, ridurre l'avanzamento del 30-50% in fase di entrata e di uscita

Tolleranza diametro non soddisfacente



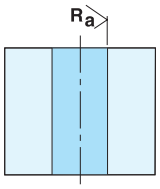
- Aumentare l'avanzamento/giro
- Utilizzare una punta in metallo duro integrale Seco Feedmax, vedere le pagine 16-19
- Effettuare un'operazione di alesatura, vedere le pagine 321
- Effettuare un'operazione di barenatura, vedere le pagine 499-500

Rapida usura del tagliente



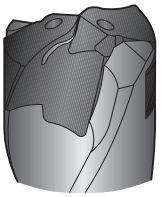
- Verificare che si utilizzi la giusta geometria
- Ridurre la velocità di taglio

Cattiva finitura superficiale



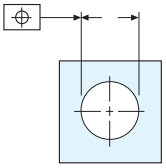
- Ridurre l'avanzamento/giro
- Aumentare la velocità di taglio
- Verificare che si utilizzi la giusta geometria
- Utilizzare una punta in metallo duro integrale Seco Feedmax, vedere le pagine 16-19
- Effettuare un'operazione di alesatura, vedere pagina 321

Usura ad intaglio



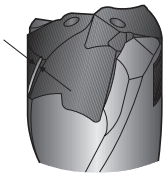
- Ridurre l'avanzamento al giro
- Ridurre la velocità di taglio
- Aumentare la percentuale di olio nel refrigerante

Posizione foro non soddisfacente



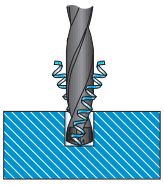
- Ridurre l'avanzamento/giro
- Quando si forano superfici grezze, dure o inclinate, ridurre l'avanzamento del 30-50% in fase di entrata e uscita
- Preforare con un angolo punta a 140°
- Utilizzare una punta in metallo duro integrale Seco Feedmax, vedere le pagine 16-19
- Effettuare un'operazione di barenatura, vedere le pagine 499-500

Usura dei bordini esterni



- Verificare che si utilizzi la giusta geometria
- Ridurre la velocità di taglio
- Aumentare la concentrazione del refrigerante
- Quando si forano superfici grezze, dure o inclinate, ridurre l'avanzamento del 30-50% in fase di entrata e di uscita

Trucioli lunghi che causano problemi di evacuazione



- Aumentare l'avanzamento
- Per materiali che producono trucioli lunghi, gruppi materiale P1-P4, M1-M2:
  - Aumentare la velocità di taglio e diminuire l'avanzamento/giro
  - Utilizzare la geometria L



Perfomax®

Perfomax® è una gamma di punte ad inserti intercambiabili, che offre una soluzione di foratura produttiva e conveniente.

- Inserti quadri a quattro taglienti
- Qualità e geometrie dedicate ai diversi materiali da lavorare
- Corpo punta caratterizzato da un esclusivo design dell'eleica , con adduzione interna del refrigerante per un'evacuazione ottimale del truciolo

Panoramica della gamma

Perfomax®	Tipo	Pagine	Gamma ∅	Profondità di foratura	Tolleranza ∅ punta	Tolleranza foro
	SD522	Pagine 237, 238, 239-243, 244	∅ 15-59 mm *(0.594-2.375“)*	~ 2 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,2 mm *(+0/+ 0.008”)*
	SD523	Pagine 245, 246, 247, 248-259, 260	∅ 15-59 mm *(0.594-2.375“)*	~ 3 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,3 mm *(+0/+ 0.012”)*
	SD524	Pagine 261, 262-272, 273	∅ 17-59 mm *(0.594-2.375“)*	~ 4 x D	+/- 0,1 mm *(+/- 0.004”)*	+ 0,4 mm *(+0/+ 0.016”)*
	SD525	Pagine 274, 275-276	∅ 19-45 mm *(0.750-2.000“)*	~ 5 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,5 mm *(+0/+ 0.020”)*
	SD542	Pagine 277-278	∅ 60-85 mm *(2.250-3.500“)*	~ 2.5 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,2 mm *(+0/+ 0.008”)*
	SD572	Pagine 279, 280	∅ 15-47 mm *(0.591“-1.850”)*	~ 2 x D	+/- 0,1 mm *(+/- 0.004”)*	+0/+ 0,2 mm *(+0/+ 0.008”)*
	SD602	Pagine 284-288	∅ 60-160 mm *(2.5“-4.000“)*	~ 1-10 x D	+/- 0,2 mm *(+/- 0.008”)*	–

Chiavi di codifica - Punte ad inserti sostituibili



Metriche

SD522	-	20	-	40	-	25	-	R	7
1		2		3		4		5	6

1.
Tipo di punta
SD522: 2 x D
SD523: 3 x D
SD524: 4 x D
SD525: 5 x D
SD542: 2,5 x D
SD572: 2 x D

2.
Diametro punta

3.
Profondità di foratura

4.
Diametro gambo

5.
Rotazione destra

6
Tipo di attacco
2. Compatibile ABS
7. ISO 9766
8. Compatibile VDI
G. Graflex

Pollici

SD522	-	0750	-	150	-	1000	R	7	-	C
1		2		3		4	5	6		7

1.
Tipo di punta
SD522: 2 x D
SD523: 3 x D
SD524: 4 x D
SD525: 5 x D
SD542: 2,5 x D
SD572: 2 x D

2.
Diametro punta

3.
Profondità di foratura

4.
Diametro gambo

5.
Rotazione destra

6
Tipo di attacco
2. Compatibile ABS
7. ISO 9766
8. Compatibile VDI
G. Graflex

7
Applicazione C. Utensile non rotante

Capto™

SD523	-	20	-	60	-	C5
1		2		3		4

1.
Tipo di punta
SD523: 3 x D
SD524: 4 x D

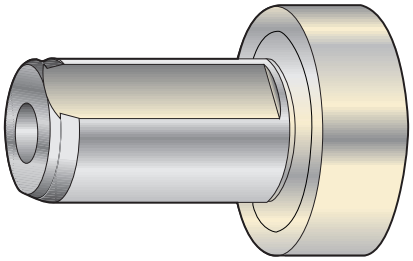
2.
Diametro punta

3.
Profondità di foratura

4.
Connessione per Capto:
C4, C5, C6

Steli

-R7

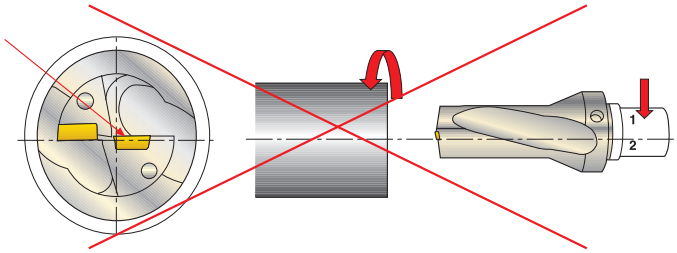


ISO 9766
Idoneo per la maggior parte dei mandrini sul mercato:

- Weldon 1835B
- ISO 5414
- DIN 69880

Adduzione refrigerante dalla parte posteriore della punta.

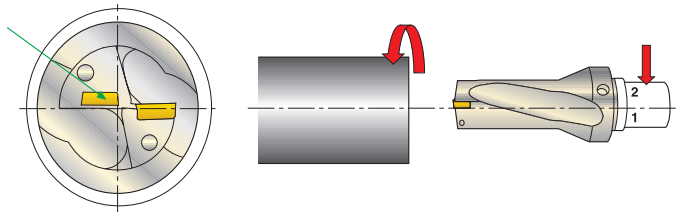
R7 e R7-C



Steli con due o quattro piani
Tagliente dell'inserto centrale sotto la linea centrale del pezzo.

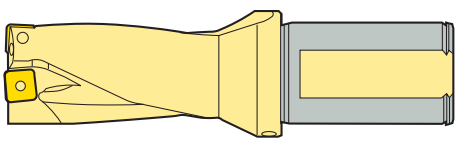
Per applicazioni non rotanti:

- Le nuove punte dispongono di attacco cilindrico con 2 piani di bloccaggio per la massima flessibilità di impiego su tornio.
- In queste applicazioni, il centro di rotazione del pezzo e il centro punta devono essere perfettamente allineati.
- In caso contrario, l'inserto centrale potrebbe trovarsi sopra la mezzeria del pezzo causando il cattivo funzionamento della punta.



Steli con quattro piani
Tagliente dell'inserto centrale sopra la linea centrale del pezzo.

Il secondo piano di bloccaggio dà invece la possibilità di ruotare la punta di 180° per compensare il disallineamento in modo semplice e rapido.

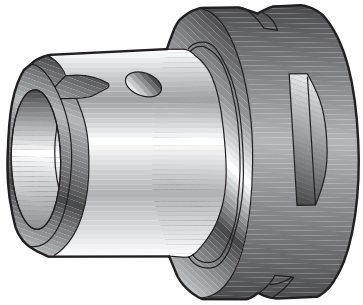


NOTA!

- Se una punta con attacco -7 è montata su di un mandrino registrabile Seco, occorre impiegare il piano di bloccaggio localizzato dalla parte dell'inserto centrale.
- In caso contrario, la regolazione diametrale avverrebbe nel senso opposto a quella voluta.

Steli

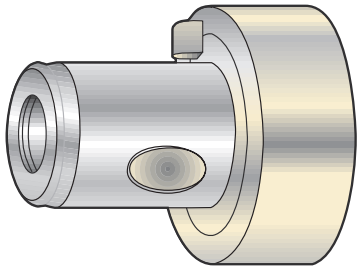
Seco-Capto



Seco-Capto C4, C5, C6

- Flessibile - Possibilità di utilizzare il medesimo attacco su diverse macchine.
- Modulare - Possibilità di creare utensili con adattatori estensibili.
- Trasmissione di coppia elevata - Il carico di coppia viene distribuito in modo simmetrico.
- Elevata rigidità - Il tipo di montaggio garantisce l'assenza di gioco nell'accoppiamento.
- Precisione - L'attacco conico poligonale garantisce la resistenza e l'autocentraggio della giunzione entro 2 micron.

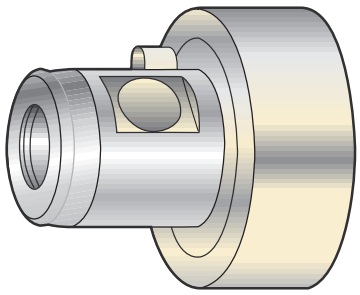
Graflex



- G

- Si monta direttamente in attacchi Graflex con due viti di bloccaggio a testa sferica a 120°.
- Assemblati modulari che offrono rigidità e una buona eccentricità.
- Connessione cilindro/piano - elevata precisione
- Montaggio/smontaggio dei moduli rapido e semplice per un'elevata flessibilità.
- Adduzione refrigerante dalla parte posteriore della punta.

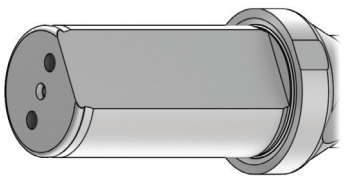
ABS 50 (compatibile)



- 2

- Attacco compatibile ABS 50.
- Si monta direttamente in attacchi ABS 50 con una vite di bloccaggio.
- Adduzione refrigerante dalla parte posteriore della punta.

VDI 30 e VDI 40 (compatibili)



- 8

- Attacco compatibile VDI.
- Montaggio diretto nel mandrino per:
  – VDI 3425 bl.2
  – DIN 69880

NOTA!
L'anello adduzione refrigerante deve essere ordinato separatamente.

Attacchi – Anello adduzione refrigerante

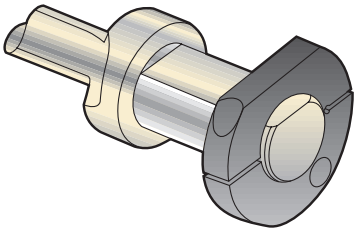
VDI 30

Profondità di foratura	Diametro punta mm	Diametro punta *pollici*	Accessori Anello refrigerante
			
2 x D	15-31	*0,591-1,220*	SDA5-30R8
3 x D	15-31	*0,591-1,220*	SDA5-30R8
4 x D	17-31	*0,669-1,220*	SDA5-30R8
5 x D	19-31	*0,748-1,220*	SDA5-30R8

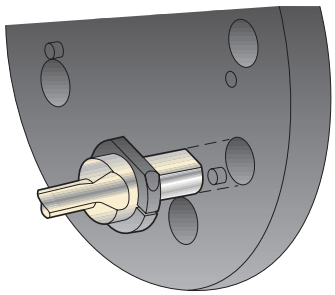
VDI 40

Profondità di foratura	Diametro punta mm	Diametro punta *pollici*	Grano	Vite di bloccaggio	Accessori Anello refrigerante
					
2 x D	15-31	*0,591-1,220*			SDA5-40R8
3 x D	15-31	*0,591-1,220*			SDA5-40R8
4 x D	17-31	*0,669-1,220*			SDA5-40R8
5 x D	19-31	*0,748-1,220*			SDA5-40R8
2 x D	41-59	*1,614-2,323*	R1/4”	P6SS8x8	SDA5-40R8
3 x D	41-59	*1,614-2,323*	R1/4”	P6SS8x8	SDA5-40R8

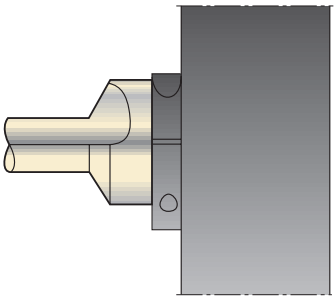
1. Montare l’anello sulla punta senza serrare la vite laterale.



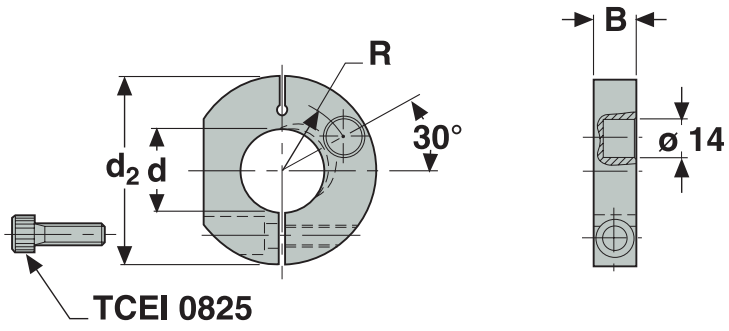
2. Bloccare la punta sulla torretta.



3. Serrare la vite sull’anello di adduzione refrigerante.



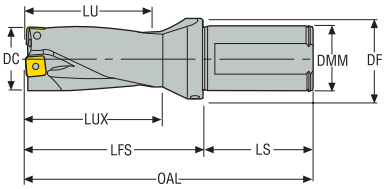
Anello adduzione refrigerante



SD522

Profondità di foratura ~ 2 x D – Misure metriche/Pollici





- Codolo ISO 9766, -7
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 298, 299
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD522-15-30-20R7	03080744	15,0 *0.591*	30,0 *1.181*	110,0 *4.331*	35,0 *1.378*	60,0 *2.362*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-15-30-25R7	03080745	15,0 *0.591*	30,0 *1.181*	116,0 *4.567*	35,0 *1.378*	60,0 *2.362*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-15.5-31-20R7	03080740	15,5 *0.610*	31,0 *1.220*	111,0 *4.370*	36,0 *1.417*	61,0 *2.402*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD522-15.5-31-25R7	03080741	15,5 *0.610*	31,0 *1.220*	117,0 *4.606*	36,0 *1.417*	61,0 *2.402*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD522-16-32-20R7	03080749	16,0 *0.630*	32,0 *1.260*	112,0 *4.409*	37,0 *1.457*	62,0 *2.441*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD522-16-32-25R7	03080750	16,0 *0.630*	32,0 *1.260*	118,0 *4.646*	37,0 *1.457*	62,0 *2.441*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD522-16.5-33-20R7	03080746	16,5 *0.650*	33,0 *1.299*	113,0 *4.449*	38,0 *1.496*	63,0 *2.480*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD522-16.5-33-25R7	03080747	16,5 *0.650*	33,0 *1.299*	119,0 *4.685*	38,0 *1.496*	63,0 *2.480*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD522-17-34-20R7	03080754	17,0 *0.669*	34,0 *1.339*	114,0 *4.488*	39,0 *1.535*	64,0 *2.520*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD522-17-34-25R7	03080755	17,0 *0.669*	34,0 *1.339*	120,0 *4.724*	39,0 *1.535*	64,0 *2.520*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD522-17.5-35-20R7	03080752	17,5 *0.689*	35,0 *1.378*	115,0 *4.528*	40,0 *1.575*	65,0 *2.559*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD522-17.5-35-25R7	03080753	17,5 *0.689*	35,0 *1.378*	121,0 *4.764*	40,0 *1.575*	65,0 *2.559*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD522-18-36-20R7	03080760	18,0 *0.709*	36,0 *1.417*	116,0 *4.567*	41,0 *1.614*	66,0 *2.598*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD522-18-36-25R7	03080761	18,0 *0.709*	36,0 *1.417*	122,0 *4.803*	41,0 *1.614*	66,0 *2.598*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD522-18.5-37-20R7	03080758	18,5 *0.728*	37,0 *1.457*	117,0 *4.606*	42,0 *1.654*	67,0 *2.638*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-18.5-37-25R7	03080759	18,5 *0.728*	37,0 *1.457*	123,0 *4.843*	42,0 *1.654*	67,0 *2.638*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-19-38-20R7	03080765	19,0 *0.748*	38,0 *1.496*	118,0 *4.646*	43,0 *1.693*	68,0 *2.677*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD522-19-38-25R7	03080766	19,0 *0.748*	38,0 *1.496*	124,0 *4.882*	43,0 *1.693*	68,0 *2.677*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD522-19.5-39-20R7	03080764	19,5 *0.768*	39,0 *1.535*	119,0 *4.685*	44,0 *1.732*	69,0 *2.717*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX060204	0,11 *0.004*	0,42 *0.017*
SD522-20-40-25R7	03080771	20,0 *0.787*	40,0 *1.575*	126,0 *4.961*	45,0 *1.772*	70,0 *2.756*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD522-21-42-25R7	03080775	21,0 *0.827*	42,0 *1.654*	128,0 *5.039*	47,0 *1.850*	72,0 *2.835*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD522-22-44-25R7	03080777	22,0 *0.866*	44,0 *1.732*	130,0 *5.118*	49,0 *1.929*	74,0 *2.913*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD522-23-46-25R7	03080781	23,0 *0.906*	46,0 *1.811*	132,0 *5.197*	51,0 *2.008*	76,0 *2.992*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD522-23.5-47-25R7	03192517	23,5 *0.925*	47,0 *1.850*	133,0 *5.236*	52,0 *2.047*	77,0 *3.031*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,23 *0.009*	0,5 *0.020*
SD522-24-48-25R7	03080785	24,0 *0.945*	48,0 *1.890*	134,0 *5.276*	53,0 *2.087*	78,0 *3.071*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD522-25-50-32R7	03080788	25,0 *0.984*	50,0 *1.969*	140,0 *5.512*	55,0 *2.165*	80,0 *3.150*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-26-52-32R7	03080790	26,0 *1.024*	52,0 *2.047*	142,0 *5.591*	57,0 *2.244*	82,0 *3.228*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD522-27-54-32R7	03080792	27,0 *1.063*	54,0 *2.126*	144,0 *5.669*	59,0 *2.323*	84,0 *3.307*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD522-28-56-32R7	03080795	28,0 *1.102*	56,0 *2.205*	146,0 *5.748*	61,0 *2.402*	86,0 *3.386*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD522-29-58-32R7	03080796	29,0 *1.142*	58,0 *2.283*	148,0 *5.827*	63,0 *2.480*	88,0 *3.465*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD522-30-60-32R7	03080798	30,0 *1.181*	60,0 *2.362*	150,0 *5.906*	65,0 *2.559*	90,0 *3.543*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD522-31-62-32R7	03080801	31,0 *1.220*	62,0 *2.441*	152,0 *5.984*	67,0 *2.638*	92,0 *3.622*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD522-32-64-32R7	03080802	32,0 *1.260*	64,0 *2.520*	154,0 *6.063*	69,0 *2.717*	94,0 *3.701*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD522-32-64-40R7	03080803	32,0 *1.260*	64,0 *2.520*	162,0 *6.378*	69,0 *2.717*	94,0 *3.701*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD522-33-66-32R7	03080805	33,0 *1.299*	66,0 *2.598*	156,0 *6.142*	71,0 *2.795*	96,0 *3.780*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD522-33-66-40R7	03080806	33,0 *1.299*	66,0 *2.598*	164,0 *6.457*	71,0 *2.795*	96,0 *3.780*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD522-34-68-32R7	03080808	34,0 *1.339*	68,0 *2.677*	158,0 *6.220*	73,0 *2.874*	98,0 *3.858*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD522-34-68-40R7	03080809	34,0 *1.339*	68,0 *2.677*	166,0 *6.535*	73,0 *2.874*	98,0 *3.858*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD522-35-70-32R7	03080810	35,0 *1.378*	70,0 *2.756*	160,0 *6.299*	75,0 *2.953*	100,0 *3.937*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD522-35-70-40R7	03080811	35,0 *1.378*	70,0 *2.756*	168,0 *6.614*	75,0 *2.953*	100,0 *3.937*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD522-36-72-32R7	03080813	36,0 *1.417*	72,0 *2.835*	162,0 *6.378*	77,0 *3.031*	102,0 *4.016*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-36-72-40R7	03080814	36,0 *1.417*	72,0 *2.835*	170,0 *6.693*	77,0 *3.031*	102,0 *4.016*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-37-74-32R7	03080816	37,0 *1.457*	74,0 *2.913*	164,0 *6.457*	79,0 *3.110*	104,0 *4.094*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-37-74-40R7	03080817	37,0 *1.457*	74,0 *2.913*	172,0 *6.772*	79,0 *3.110*	104,0 *4.094*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-38-76-32R7	03080818	38,0 *1.496*	76,0 *2.992*	166,0 *6.535*	81,0 *3.189*	106,0 *4.173*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD522-38-76-40R7	03080819	38,0 *1.496*	76,0 *2.992*	174,0 *6.850*	81,0 *3.189*	106,0 *4.173*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD522-39-78-32R7	03080821	39,0 *1.535*	78,0 *3.071*	168,0 *6.614*	83,0 *3.268*	108,0 *4.252*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD522-39-78-40R7	03080822	39,0 *1.535*	78,0 *3.071*	176,0 *6.929*	83,0 *3.268*	108,0 *4.252*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD522-40-80-32R7	03080823	40,0 *1.575*	80,0 *3.150*	170,0 *6.693*	85,0 *3.346*	110,0 *4.331*	60,0 *2.362*	32,0 *1.260*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD522-40-80-40R7	03080824	40,0 *1.575*	80,0 *3.150*	178,0 *7.008*	85,0 *3.346*	110,0 *4.331*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD522-41-82-40R7	03080826	41,0 *1.614*	82,0 *3.228*	180,0 *7.087*	87,0 *3.425*	112,0 *4.409*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-42-84-40R7	03080828	42,0 *1.654*	84,0 *3.307*	182,0 *7.165*	89,0 *3.504*	114,0 *4.488*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-43-86-40R7	03080830	43,0 *1.693*	86,0 *3.386*	184,0 *7.244*	91,0 *3.583*	116,0 *4.567*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD522-44-88-40R7	03080832	44,0 *1.732*	88,0 *3.465*	186,0 *7.323*	93,0 *3.661*	118,0 *4.646*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*
SD522-45-90-40R7	03080834	45,0 *1.772*	90,0 *3.543*	188,0 *7.402*	95,0 *3.740*	120,0 *4.724*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,41 *0.016*
SD522-46-92-40R7	03080835	46,0 *1.811*	92,0 *3.622*	190,0 *7.480*	97,0 *3.819*	122,0 *4.803*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-47-94-40R7	03080836	47,0 *1.850*	94,0 *3.701*	192,0 *7.559*	99,0 *3.898*	124,0 *4.882*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-48-96-40R7	03080837	48,0 *1.890*	96,0 *3.780*	194,0 *7.638*	101,0 *3.976*	126,0 *4.961*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,45 *0.018*	0,5 *0.020*
SD522-49-98-40R7	03080838	49,0 *1.929*	98,0 *3.858*	196,0 *7.717*	103,0 *4.055*	128,0 *5.039*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD522-50-100-40R7	03080839	50,0 *1.969*	100,0 *3.937*	198,0 *7.795*	105,0 *4.134*	130,0 *5.118*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD522-51-102-40R7	03080840	51,0 *2.008*	102,0 *4.016*	200,0 *7.874*	107,0 *4.213*	132,0 *5.197*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD522-52-104-40R7	03080841	52,0 *2.047*	104,0 *4.094*	202,0 *7.953*	109,0 *4.291*	134,0 *5.276*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD522-53-106-40R7	03080842	53,0 *2.087*	106,0 *4.173*	204,0 *8.031*	111,0 *4.370*	136,0 *5.354*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD522-54-108-40R7	03080843	54,0 *2.126*	108,0 *4.252*	206,0 *8.110*	113,0 *4.449*	138,0 *5.433*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-55-110-40R7	03080844	55,0 *2.165*	110,0 *4.331*	208,0 *8.189*	115,0 *4.528*	140,0 *5.512*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-56-112-40R7	03080845	56,0 *2.205*	112,0 *4.409*	210,0 *8.268*	117,0 *4.606*	142,0 *5.591*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD522-57-114-40R7	03080846	57,0 *2.244*	114,0 *4.488*	212,0 *8.346*	119,0 *4.685*	144,0 *5.669*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,39 *0.015*	0,5 *0.020*
SD522-58-116-40R7	03080847	58,0 *2.283*	116,0 *4.567*	214,0 *8.425*	121,0 *4.764*	146,0 *5.748*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*
SD522-59-118-40R7	03080848	59,0 *2.323*	118,0 *4.646*	216,0 *8.504*	123,0 *4.843*	148,0 *5.827*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,5-19,00	C02205-T07P	C02245-T07P	T07P-2
19,5-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
29,00-31,00	C03007-T09P	C03009-T09P	T09P-2
32,00-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
42,00-59,00	C04011-T15P	C05012-T15P	T15P-2D

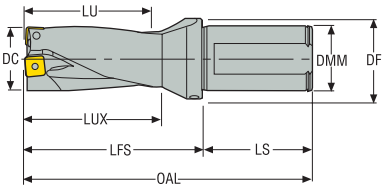
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
15,00-17,00	T00-07P09
17,5-19,00	T00-07P09
19,5-21,00	T00-07P09
22,00	T00-08P12
23,00-25,00	T00-08P12
26,00-28,00	T00-09P20
29,00-31,00	T00-09P20
32,00-40,00	T00-15P30
41,00-43,00	T00-15P30
42,00-59,00	T00-15P35

SD522

Profondità di foratura ~ 2 x D – Pollici





– Codolo ISO 9766, R7
– Adduzione refrigerante interna
– Per le informazioni sugli inserti, vedere pagina(e) 294-297
– Per i parametri di taglio raccomandati, vedere pagina(e) 298, 299
– Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico	*Inch -*	*Inch +*
SD522-0594-119-1000R7	03080704	*0.594*	*1.190*	*4.621*	*1.387*	*2.371*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.008*	*0.013*
SD522-0625-125-1000R7	03080705	*0.625*	*1.250*	*4.681*	*1.447*	*2.431*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD522-0656-131-1000R7	03080707	*0.656*	*1.310*	*4.741*	*1.507*	*2.491*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.002*	*0.019*
SD522-0687-137-1000R7	03080709	*0.687*	*1.370*	*4.801*	*1.567*	*2.551*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD522-0709-142-1000R7	03080710	*0.709*	*1.420*	*4.851*	*1.617*	*2.601*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.013*	*0.008*
SD522-0750-150-1000R7	03080712	*0.750*	*1.500*	*4.931*	*1.697*	*2.681*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD522-0766-153-1000R7	03080713	*0.766*	*1.530*	*4.961*	*1.727*	*2.711*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.001*	*0.020*
SD522-0787-157-1000R7	03080714	*0.787*	*1.570*	*5.001*	*1.767*	*2.751*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.003*	*0.018*
SD522-0812-162-1000R7	03080715	*0.812*	*1.620*	*5.051*	*1.817*	*2.801*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD522-0827-165-1000R7	03080717	*0.827*	*1.650*	*5.081*	*1.847*	*2.831*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0*	*0.020*
SD522-0875-175-1000R7	03080718	*0.875*	*1.750*	*5.181*	*1.947*	*2.931*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD522-0906-181-1000R7	03080720	*0.906*	*1.810*	*5.241*	*2.007*	*2.991*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.013*	*0.020*
SD522-0922-184-1000R7	03080721	*0.922*	*1.840*	*5.271*	*2.037*	*3.021*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.010*	*0.020*
SD522-0937-187-1000R7	03080722	*0.937*	*1.870*	*5.301*	*2.067*	*3.051*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-0984-197-1250R7	03080724	*0.984*	*1.970*	*5.526*	*2.167*	*3.151*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1000-200-1250R7	03080725	*1.000*	*2.000*	*5.556*	*2.197*	*3.181*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1032-206-1250R7	03080727	*1.032*	*2.060*	*5.616*	*2.257*	*3.241*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.004*
SD522-1062-212-1250R7	03080728	*1.062*	*2.120*	*5.676*	*2.317*	*3.301*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD522-1125-225-1250R7	03080730	*1.125*	*2.250*	*5.806*	*2.447*	*3.431*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD522-1187-237-1250R7	03080732	*1.187*	*2.370*	*5.926*	*2.567*	*3.551*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD522-1250-250-1500R7	03080735	*1.250*	*2.500*	*6.306*	*2.697*	*3.681*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD522-1312-262-1500R7	03080736	*1.312*	*2.620*	*6.426*	*2.817*	*3.801*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.020*
SD522-1375-275-1500R7	03080737	*1.375*	*2.750*	*6.556*	*2.947*	*3.931*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD522-1437-287-1500R7	03080739	*1.437*	*2.870*	*6.676*	*3.067*	*4.051*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD522-1500-300-1500R7	03080743	*1.500*	*3.000*	*6.806*	*3.197*	*4.181*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD522-1625-325-1500R7	03080748	*1.625*	*3.250*	*7.056*	*3.447*	*4.431*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.007*	*0.020*
SD522-1750-350-1500R7	03080756	*1.750*	*3.500*	*7.306*	*3.697*	*4.681*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD522-1875-375-1500R7	03080763	*1.875*	*3.750*	*7.556*	*3.947*	*4.931*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD522-2000-400-1500R7	03080769	*2.000*	*4.000*	*7.806*	*4.197*	*5.181*	*2.625*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD522-2125-425-1500R7	03080773	*2.125*	*4.250*	*8.056*	*4.447*	*5.431*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD522-2250-450-1500R7	03080779	*2.250*	*4.500*	*8.306*	*4.697*	*5.681*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD522-2375-475-1500R7	03080783	*2.375*	*4.750*	*8.556*	*4.947*	*5.931*	*2.625*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
0.594-0.687	C02245-T07P	C02245-T07P	T07P-2
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2
0.875	C02205-T07P	C02506-T08P	T08P-2
0.906-1.000	C02507-T08P	C03007-T08P	T08P-2
1.032-1.062	–	C03007-T09P	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.500	–	C03508-T15P	T15P-2D
1.625	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D

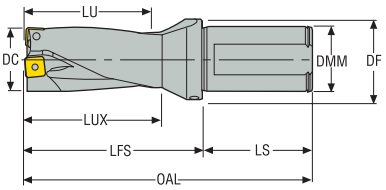
Accessori

Per punta diametro (pollici)	Chiave dinamometrica
	
0.594-0.687	T00-07P09
0.709-0.766	T00-07P09
0.787-0.827	T00-07P09
0.875	T00-08P12
0.906-1.000	T00-08P12
1.032-1.062	T00-09P20
1.125-1.187	T00-09P20
1.250-1.500	T00-15P30
1.625	T00-15P30
1.750-2.375	T00-15P35

SD522

Profondità di foratura ~ 2 x D – Pollici





- Codolo ISO 9766, R7-C
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 298-299
- Per i diametri intermedi, utilizzare MyDesign
- Per applicazioni statiche

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico	*Inch -*	*Inch +*
SD522-0625-125-1000R7-C	03080706	*0.625*	*1.250*	*5.378*	*1.447*	*2.628*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD522-0687-137-1000R7-C	03080708	*0.687*	*1.370*	*5.498*	*1.567*	*2.748*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD522-0750-150-1000R7-C	03080711	*0.750*	*1.500*	*5.628*	*1.697*	*2.878*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD522-0812-162-1000R7-C	03080716	*0.812*	*1.620*	*5.748*	*1.817*	*2.998*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD522-0875-175-1000R7-C	03080719	*0.875*	*1.750*	*5.878*	*1.947*	*3.128*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD522-0937-187-1000R7-C	03080723	*0.937*	*1.870*	*5.998*	*2.067*	*3.248*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1000-200-1250R7-C	03080726	*1.000*	*2.000*	*6.128*	*2.197*	*3.378*	*2.750*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD522-1062-212-1250R7-C	03080729	*1.062*	*2.120*	*6.248*	*2.317*	*3.498*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD522-1125-225-1250R7-C	03080731	*1.125*	*2.250*	*6.378*	*2.447*	*3.628*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD522-1187-237-1250R7-C	03080733	*1.187*	*2.370*	*6.498*	*2.567*	*3.748*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD522-1250-250-1500R7-C	03080734	*1.250*	*2.500*	*6.628*	*2.697*	*3.878*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD522-1375-275-1500R7-C	03080738	*1.375*	*2.750*	*6.878*	*2.947*	*4.128*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD522-1500-300-1500R7-C	03080742	*1.500*	*3.000*	*7.128*	*3.197*	*4.378*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD522-1750-350-1500R7-C	03080757	*1.750*	*3.500*	*7.628*	*3.697*	*4.878*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD522-2000-400-1500R7-C	03080770	*2.000*	*4.000*	*8.128*	*4.197*	*5.378*	*2.750*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD522-2125-425-1500R7-C	03080774	*2.125*	*4.250*	*8.378*	*4.447*	*5.628*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD522-2250-450-1500R7-C	03080780	*2.250*	*4.500*	*8.628*	*4.697*	*5.878*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD522-2375-475-1500R7-C	03080784	*2.375*	*4.750*	*8.878*	*4.947*	*6.128*	*2.750*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Parti di ricambio, comprese nella fornitura

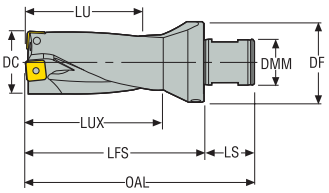
Accessori

Per punta diametro (pollici)	Connettore refrigerante	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave	Grano	Connettore refrigerante	Chiave dinamometrica
							
0.625	C02245-T07P	C02245-T07P	C02245-T07P	T07P-2	R1/4	1310	T00-07P09
0.687	–	–	C02245-T07P	T07P-2	R1/4	1310	T00-07P09
0.750	C02205-T07P	C02205-T07P	C02245-T07P	T07P-2	R1/4	1310	T00-07P09
0.812	C02506-T08P	C02506-T08P	C02205-T07P	T07P-2	R1/4	1310	T00-07P09
0.875	–	–	C02506-T08P	T08P-2	R1/4	1310	T00-08P12
0.937	C03007-T09P	C02507-T08P	C03007-T08P	T08P-2	R1/4	1310	T00-08P12
1.000	1310	C02507-T08P	C03007-T08P	T08P-2	R1/4	–	T00-08P12
1.062	C03508-T15P	C03508-T15P	C03007-T09P	T09P-2	R1/4	1310	T00-09P20
1.125-1.187	–	C03007-T09P	C03009-T09P	T09P-2	R1/4	1310	T00-09P20
1.250-1.500	–	–	C03508-T15P	T15P-2D	R1/4	1310	T00-15P30
1.750-2.375	–	C04011-T15P	C05012-T15P	T15P-2D	R1/4	1310	T00-15P35

SD522

Profondità di foratura ~ 2 x D – Misure metriche/Pollici





- Attacco compatibile ABS 50, R2
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 298, 299
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD522-15-30-50R2	03081056	15,0 *0.591*	30,0 *1.181*	91,0 *3.583*	35,0 *1.378*	60,0 *2.362*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-15.5-31-50R2	03081057	15,5 *0.610*	31,0 *1.220*	92,0 *3.622*	36,0 *1.417*	61,0 *2.402*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD522-16-32-50R2	03080751	16,0 *0.630*	32,0 *1.260*	93,0 *3.661*	37,0 *1.457*	62,0 *2.441*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD522-16.5-33-50R2	03081058	16,5 *0.650*	33,0 *1.299*	94,0 *3.701*	38,0 *1.496*	63,0 *2.480*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD522-17-34-50R2	03081059	17,0 *0.669*	34,0 *1.339*	95,0 *3.740*	39,0 *1.535*	64,0 *2.520*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD522-17.5-35-50R2	03081060	17,5 *0.689*	35,0 *1.378*	96,0 *3.780*	40,0 *1.575*	65,0 *2.559*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD522-18-36-50R2	03080762	18,0 *0.709*	36,0 *1.417*	97,0 *3.819*	41,0 *1.614*	66,0 *2.598*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD522-18.5-37-50R2	03081061	18,5 *0.728*	37,0 *1.457*	98,0 *3.858*	42,0 *1.654*	67,0 *2.638*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD522-19-38-50R2	03080767	19,0 *0.748*	38,0 *1.496*	99,0 *3.898*	43,0 *1.693*	68,0 *2.677*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD522-20-40-50R2	03080772	20,0 *0.787*	40,0 *1.575*	101,0 *3.976*	45,0 *1.772*	70,0 *2.756*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD522-20.62-42-50R2	03080768	20,62 *0.812*	42,0 *1.654*	103,0 *4.055*	47,0 *1.850*	72,0 *2.835*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD522-21-42-50R2	03081062	21,0 *0.827*	42,0 *1.654*	103,0 *4.055*	47,0 *1.850*	72,0 *2.835*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD522-22-44-50R2	03080778	22,0 *0.866*	44,0 *1.732*	105,0 *4.134*	49,0 *1.929*	74,0 *2.913*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD522-22.23-45-50R2	03080776	22,23 *0.875*	45,0 *1.772*	106,0 *4.173*	50,0 *1.969*	75,0 *2.953*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD522-23-46-50R2	03080782	23,0 *0.906*	46,0 *1.811*	107,0 *4.213*	51,0 *2.008*	76,0 *2.992*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD522-24-48-50R2	03080786	24,0 *0.945*	48,0 *1.890*	109,0 *4.291*	53,0 *2.087*	78,0 *3.071*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-25-50-50R2	03080789	25,0 *0.984*	50,0 *1.969*	111,0 *4.370*	55,0 *2.165*	80,0 *3.150*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-25.40-51-50R2	03080787	25,4 *1.000*	51,0 *2.008*	112,0 *4.409*	56,0 *2.205*	81,0 *3.189*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD522-26-52-50R2	03080791	26,0 *1.024*	52,0 *2.047*	113,0 *4.449*	57,0 *2.244*	82,0 *3.228*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD522-27-54-50R2	03080793	27,0 *1.063*	54,0 *2.126*	115,0 *4.528*	59,0 *2.323*	84,0 *3.307*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD522-28-56-50R2	03081087	28,0 *1.102*	56,0 *2.205*	117,0 *4.606*	61,0 *2.402*	86,0 *3.386*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD522-28.59-58-50R2	03080794	28,59 *1.126*	58,0 *2.283*	119,0 *4.685*	63,0 *2.480*	88,0 *3.465*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD522-29-58-50R2	03080797	29,0 *1.142*	58,0 *2.283*	119,0 *4.685*	63,0 *2.480*	88,0 *3.465*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD522-30-60-50R2	03080799	30,0 *1.181*	60,0 *2.362*	121,0 *4.764*	65,0 *2.559*	90,0 *3.543*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD522-31-62-50R2	03081063	31,0 *1.220*	62,0 *2.441*	123,0 *4.843*	67,0 *2.638*	92,0 *3.622*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD522-31.75-64-50R2	03080800	31,75 *1.250*	64,0 *2.520*	125,0 *4.921*	69,0 *2.717*	94,0 *3.701*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD522-32-64-50R2	03080804	32,0 *1.260*	64,0 *2.520*	125,0 *4.921*	69,0 *2.717*	94,0 *3.701*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD522-33-66-50R2	03080807	33,0 *1.299*	66,0 *2.598*	127,0 *5.000*	71,0 *2.795*	96,0 *3.780*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD522-34-68-50R2	03081064	34,0 *1.339*	68,0 *2.677*	129,0 *5.079*	73,0 *2.874*	98,0 *3.858*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD522-35-70-50R2	03080812	35,0 *1.378*	70,0 *2.756*	131,0 *5.157*	75,0 *2.953*	100,0 *3.937*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD522-36-72-50R2	03080815	36,0 *1.417*	72,0 *2.835*	133,0 *5.236*	77,0 *3.031*	102,0 *4.016*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-37-74-50R2	03081065	37,0 *1.457*	74,0 *2.913*	135,0 *5.315*	79,0 *3.110*	104,0 *4.094*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD522-38-76-50R2	03080820	38,0 *1.496*	76,0 *2.992*	137,0 *5.394*	81,0 *3.189*	106,0 *4.173*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD522-39-78-50R2	03081066	39,0 *1.535*	78,0 *3.071*	139,0 *5.472*	83,0 *3.268*	108,0 *4.252*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD522-40-80-50R2	03080825	40,0 *1.575*	80,0 *3.150*	141,0 *5.551*	85,0 *3.346*	110,0 *4.331*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD522-41-82-50R2	03080827	41,0 *1.614*	82,0 *3.228*	143,0 *5.630*	87,0 *3.425*	112,0 *4.409*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-42-84-50R2	03080829	42,0 *1.654*	84,0 *3.307*	145,0 *5.709*	89,0 *3.504*	114,0 *4.488*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD522-43-86-50R2	03081067	43,0 *1.693*	86,0 *3.386*	147,0 *5.787*	91,0 *3.583*	116,0 *4.567*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD522-44.45-89-50R2	03080831	44,45 *1.750*	89,0 *3.504*	150,0 *5.906*	94,0 *3.701*	119,0 *4.685*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,45	C04011-T15P	C05012-T15P	T15P-2D

Accessori

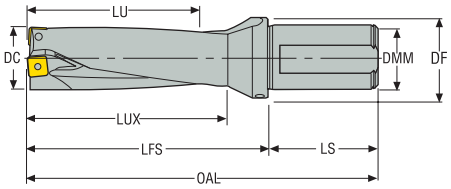
Chiave dinamometrica

T00-07P09
T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD523

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo ISO 9766, -7
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 300-301
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-15-45-20R7	03080548	15,0 *0.591*	45,0 *1.772*	125,0 *4.921*	50,0 *1.969*	75,0 *2.953*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15-45-25R7	03080549	15,0 *0.591*	45,0 *1.772*	131,0 *5.157*	50,0 *1.969*	75,0 *2.953*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-20R7	03080544	15,5 *0.610*	47,0 *1.850*	127,0 *5.000*	52,0 *2.047*	77,0 *3.031*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-15.5-47-25R7	03080545	15,5 *0.610*	47,0 *1.850*	133,0 *5.236*	52,0 *2.047*	77,0 *3.031*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-20R7	03080557	16,0 *0.630*	48,0 *1.890*	128,0 *5.039*	53,0 *2.087*	78,0 *3.071*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16-48-25R7	03080558	16,0 *0.630*	48,0 *1.890*	134,0 *5.276*	53,0 *2.087*	78,0 *3.071*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-20R7	03080552	16,5 *0.650*	50,0 *1.969*	130,0 *5.118*	55,0 *2.165*	80,0 *3.150*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-16.5-50-25R7	03080554	16,5 *0.650*	50,0 *1.969*	136,0 *5.354*	55,0 *2.165*	80,0 *3.150*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-20R7	03080568	17,0 *0.669*	51,0 *2.008*	131,0 *5.157*	56,0 *2.205*	81,0 *3.189*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17-51-25R7	03080569	17,0 *0.669*	51,0 *2.008*	137,0 *5.394*	56,0 *2.205*	81,0 *3.189*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-20R7	03080562	17,5 *0.689*	53,0 *2.087*	133,0 *5.236*	58,0 *2.283*	83,0 *3.268*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-17.5-53-25R7	03080563	17,5 *0.689*	53,0 *2.087*	139,0 *5.472*	58,0 *2.283*	83,0 *3.268*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-20R7	03080574	18,0 *0.709*	54,0 *2.126*	134,0 *5.276*	59,0 *2.323*	84,0 *3.307*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18-54-25R7	03080575	18,0 *0.709*	54,0 *2.126*	140,0 *5.512*	59,0 *2.323*	84,0 *3.307*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-20R7	03080570	18,5 *0.728*	56,0 *2.205*	136,0 *5.354*	61,0 *2.402*	86,0 *3.386*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-18.5-56-25R7	03080571	18,5 *0.728*	56,0 *2.205*	142,0 *5.591*	61,0 *2.402*	86,0 *3.386*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-20R7	03080583	19,0 *0.748*	57,0 *2.244*	137,0 *5.394*	62,0 *2.441*	87,0 *3.425*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-19-57-25R7	03080584	19,0 *0.748*	57,0 *2.244*	143,0 *5.630*	62,0 *2.441*	87,0 *3.425*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-19.5-59-20R7	03080579	19,5 *0.768*	59,0 *2.323*	139,0 *5.472*	64,0 *2.520*	89,0 *3.504*	50,0 *1.969*	20,0 *0.787*	30,0 *1.181*	SPGX0602	SCGX060204	0,11 *0.004*	0,42 *0.017*
SD523-19.5-59-25R7	03080580	19,5 *0.768*	59,0 *2.323*	145,0 *5.709*	64,0 *2.520*	89,0 *3.504*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-25R7	03080590	20,0 *0.787*	60,0 *2.362*	146,0 *5.748*	65,0 *2.559*	90,0 *3.543*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.5-62-25R7	03080586	20,5 *0.807*	62,0 *2.441*	148,0 *5.827*	67,0 *2.638*	92,0 *3.622*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,04 *0.002*	0,49 *0.019*
SD523-21-63-25R7	03080599	21,0 *0.827*	63,0 *2.480*	149,0 *5.866*	68,0 *2.677*	93,0 *3.661*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-21.5-65-25R7	03080595	21,5 *0.846*	65,0 *2.559*	151,0 *5.945*	70,0 *2.756*	95,0 *3.740*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204	0,5 *0.020*	0,36 *0.014*
SD523-22-66-25R7	03080605	22,0 *0.866*	66,0 *2.598*	152,0 *5.984*	71,0 *2.795*	96,0 *3.780*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-22.5-68-25R7	03080602	22,5 *0.886*	68,0 *2.677*	154,0 *6.063*	73,0 *2.874*	98,0 *3.858*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,42 *0.017*	0,47 *0.019*
SD523-23-69-25R7	03080608	23,0 *0.906*	69,0 *2.717*	155,0 *6.102*	74,0 *2.913*	99,0 *3.898*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-23.5-71-25R7	03080607	23,5 *0.925*	71,0 *2.795*	157,0 *6.181*	76,0 *2.992*	101,0 *3.976*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,23 *0.009*	0,5 *0.020*
SD523-24-72-25R7	03080612	24,0 *0.945*	72,0 *2.835*	158,0 *6.220*	77,0 *3.031*	102,0 *4.016*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-24.5-74-25R7	03080611	24,5 *0.965*	74,0 *2.913*	160,0 *6.299*	79,0 *3.110*	104,0 *4.094*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-32R7	03080616	25,0 *0.984*	75,0 *2.953*	165,0 *6.496*	80,0 *3.150*	105,0 *4.134*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.5-77-32R7	03080615	25,5 *1.004*	77,0 *3.031*	167,0 *6.575*	82,0 *3.228*	107,0 *4.213*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-26-78-32R7	03080619	26,0 *1.024*	78,0 *3.071*	168,0 *6.614*	83,0 *3.268*	108,0 *4.252*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-26.5-80-32R7	03080618	26,5 *1.043*	80,0 *3.150*	170,0 *6.693*	85,0 *3.346*	110,0 *4.331*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,19 *0.007*
SD523-27-81-32R7	03080622	27,0 *1.063*	81,0 *3.189*	171,0 *6.732*	86,0 *3.386*	111,0 *4.370*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-27.5-83-32R7	03080621	27,5 *1.083*	83,0 *3.268*	173,0 *6.811*	88,0 *3.465*	113,0 *4.449*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,46 *0.018*	0,44 *0.017*
SD523-28-84-32R7	03080626	28,0 *1.102*	84,0 *3.307*	174,0 *6.850*	89,0 *3.504*	114,0 *4.488*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.5-86-32R7	03080624	28,5 *1.122*	86,0 *3.386*	176,0 *6.929*	91,0 *3.583*	116,0 *4.567*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-32R7	03080629	29,0 *1.142*	87,0 *3.425*	177,0 *6.969*	92,0 *3.622*	117,0 *4.606*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-29.5-89-32R7	03080628	29,5 *1.161*	89,0 *3.504*	179,0 *7.047*	94,0 *3.701*	119,0 *4.685*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,15 *0.006*	0,5 *0.020*
SD523-30-90-32R7	03080632	30,0 *1.181*	90,0 *3.543*	180,0 *7.087*	95,0 *3.740*	120,0 *4.724*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-30.5-92-32R7	03080631	30,5 *1.201*	92,0 *3.622*	182,0 *7.165*	97,0 *3.819*	122,0 *4.803*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-32R7	03080636	31,0 *1.220*	93,0 *3.661*	183,0 *7.205*	98,0 *3.858*	123,0 *4.843*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31.5-95-32R7	03080634	31,5 *1.240*	95,0 *3.740*	185,0 *7.283*	100,0 *3.937*	125,0 *4.921*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,24 *0.009*
SD523-32-96-32R7	03080638	32,0 *1.260*	96,0 *3.780*	186,0 *7.323*	101,0 *3.976*	126,0 *4.961*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-32-96-40R7	03080639	32,0 *1.260*	96,0 *3.780*	194,0 *7.638*	101,0 *3.976*	126,0 *4.961*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-32R7	03080641	33,0 *1.299*	99,0 *3.898*	189,0 *7.441*	104,0 *4.094*	129,0 *5.079*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-33-99-40R7	03080642	33,0 *1.299*	99,0 *3.898*	197,0 *7.756*	104,0 *4.094*	129,0 *5.079*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-32R7	03080644	34,0 *1.339*	102,0 *4.016*	192,0 *7.559*	107,0 *4.213*	132,0 *5.197*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-34-102-40R7	03080645	34,0 *1.339*	102,0 *4.016*	200,0 *7.874*	107,0 *4.213*	132,0 *5.197*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-32R7	03080648	35,0 *1.378*	105,0 *4.134*	195,0 *7.677*	110,0 *4.331*	135,0 *5.315*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-40R7	03080649	35,0 *1.378*	105,0 *4.134*	203,0 *7.992*	110,0 *4.331*	135,0 *5.315*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-35.5-107-40R7	03080647	35,5 *1.398*	107,0 *4.213*	205,0 *8.071*	112,0 *4.409*	137,0 *5.394*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-36-108-32R7	03080651	36,0 *1.417*	108,0 *4.252*	198,0 *7.795*	113,0 *4.449*	138,0 *5.433*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-36-108-40R7	03080652	36,0 *1.417*	108,0 *4.252*	206,0 *8.110*	113,0 *4.449*	138,0 *5.433*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-32R7	03080653	37,0 *1.457*	111,0 *4.370*	201,0 *7.913*	116,0 *4.567*	141,0 *5.551*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-40R7	03080654	37,0 *1.457*	111,0 *4.370*	209,0 *8.228*	116,0 *4.567*	141,0 *5.551*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-32R7	03080655	38,0 *1.496*	114,0 *4.488*	204,0 *8.031*	119,0 *4.685*	144,0 *5.669*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-38-114-40R7	03080656	38,0 *1.496*	114,0 *4.488*	212,0 *8.346*	119,0 *4.685*	144,0 *5.669*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-32R7	03080658	39,0 *1.535*	117,0 *4.606*	207,0 *8.150*	122,0 *4.803*	147,0 *5.787*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-39-117-40R7	03080659	39,0 *1.535*	117,0 *4.606*	215,0 *8.465*	122,0 *4.803*	147,0 *5.787*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-32R7	03080661	40,0 *1.575*	120,0 *4.724*	210,0 *8.268*	125,0 *4.921*	150,0 *5.906*	60,0 *2.362*	32,0 *1.260*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD523-40-120-40R7	03080662	40,0 *1.575*	120,0 *4.724*	218,0 *8.583*	125,0 *4.921*	150,0 *5.906*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD523-41-123-40R7	03080665	41,0 *1.614*	123,0 *4.843*	221,0 *8.701*	128,0 *5.039*	153,0 *6.024*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-41.5-125-40R7	03080663	41,5 *1.634*	125,0 *4.921*	223,0 *8.780*	130,0 *5.118*	155,0 *6.102*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-42-126-40R7	03080666	42,0 *1.654*	126,0 *4.961*	224,0 *8.819*	131,0 *5.157*	156,0 *6.142*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-43-129-40R7	03080667	43,0 *1.693*	129,0 *5.079*	227,0 *8.937*	134,0 *5.276*	159,0 *6.260*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD523-44-132-40R7	03080670	44,0 *1.732*	132,0 *5.197*	230,0 *9.055*	137,0 *5.394*	162,0 *6.378*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*
SD523-44.5-134-40R7	03080669	44,5 *1.752*	134,0 *5.276*	232,0 *9.134*	139,0 *5.472*	164,0 *6.457*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,41 *0.016*
SD523-45-135-40R7	03080672	45,0 *1.772*	135,0 *5.315*	233,0 *9.173*	140,0 *5.512*	165,0 *6.496*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,41 *0.016*
SD523-46-138-40R7	03080673	46,0 *1.811*	138,0 *5.433*	236,0 *9.291*	143,0 *5.630*	168,0 *6.614*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-47-141-40R7	03080675	47,0 *1.850*	141,0 *5.551*	239,0 *9.409*	146,0 *5.748*	171,0 *6.732*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-47.5-143-40R7	03080674	47,5 *1.870*	143,0 *5.630*	241,0 *9.488*	148,0 *5.827*	173,0 *6.811*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-48-144-40R7	03080676	48,0 *1.890*	144,0 *5.669*	242,0 *9.528*	149,0 *5.866*	174,0 *6.850*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,45 *0.018*	0,5 *0.020*
SD523-49-147-40R7	03080677	49,0 *1.929*	147,0 *5.787*	245,0 *9.646*	152,0 *5.984*	177,0 *6.969*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD523-50-150-40R7	03080678	50,0 *1.969*	150,0 *5.906*	248,0 *9.764*	155,0 *6.102*	180,0 *7.087*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD523-51-153-40R7	03080679	51,0 *2.008*	153,0 *6.024*	251,0 *9.882*	158,0 *6.220*	183,0 *7.205*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512	0,2 *0.008*	0,5 *0.020*
SD523-52-156-40R7	03080680	52,0 *2.047*	156,0 *6.142*	254,0 *10.000*	161,0 *6.339*	186,0 *7.323*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD523-53-159-40R7	03080681	53,0 *2.087*	159,0 *6.260*	257,0 *10.118*	164,0 *6.457*	189,0 *7.441*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,42 *0.017*
SD523-54-162-40R7	03080682	54,0 *2.126*	162,0 *6.378*	260,0 *10.236*	167,0 *6.575*	192,0 *7.559*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-55-165-40R7	03080683	55,0 *2.165*	165,0 *6.496*	263,0 *10.354*	170,0 *6.693*	195,0 *7.677*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-56-168-40R7	03080684	56,0 *2.205*	168,0 *6.614*	266,0 *10.472*	173,0 *6.811*	198,0 *7.795*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,5 *0.020*	0,5 *0.020*
SD523-57-171-40R7	03080685	57,0 *2.244*	171,0 *6.732*	269,0 *10.591*	176,0 *6.929*	201,0 *7.913*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512	0,39 *0.015*	0,5 *0.020*
SD523-58-174-40R7	03080686	58,0 *2.283*	174,0 *6.850*	272,0 *10.709*	179,0 *7.047*	204,0 *8.031*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*
SD523-59-177-40R7	03080687	59,0 *2.323*	177,0 *6.969*	275,0 *10.827*	182,0 *7.165*	207,0 *8.150*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512	0,09 *0.004*	0,5 *0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
19,50-21,00	C02205-T07P	C02205-T07P	T07P-2
21,50-22,00	C02506-T08P	C02506-T08P	T08P-2
22,50-25,00	C02507-T08P	C03007-T08P	T08P-2
25,50-28,00	C03007-T09P	C03007-T09P	T09P-2
28,50-31,00	C03007-T09P	C03009-T09P	T09P-2
31,50-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,50-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,00-59,00	C04011-T15P	C05012-T15P	T15P-2D

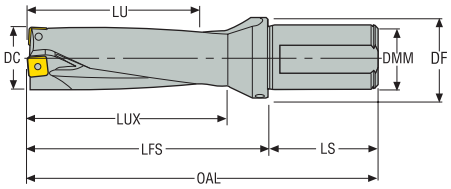
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
15,00-17,00	T00-07P09
17,50-19,00	T00-07P09
19,50-21,00	T00-07P09
21,50-22,00	T00-08P12
22,50-25,00	T00-08P12
25,50-28,00	T00-09P20
28,50-31,00	T00-09P20
31,50-40,00	T00-15P30
41,50-43,00	T00-15P30
44,00-59,00	T00-15P35

SD523

Profondità di foratura ~ 3 x D – Pollici





—Codolo ISO 9766, -7
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 300-301
—Per i diametri intermedi, utilizzare MyDesign

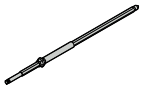
Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico	*Inch -*	*Inch +*
SD523-0562-169-1000R7	03080485	*0.562*	*1.686*	*5.117*	*1.883*	*2.867*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.011*	*0.009*
SD523-0594-178-1000R7	03080486	*0.594*	*1.780*	*5.211*	*1.977*	*2.961*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.008*	*0.013*
SD523-0625-188-1000R7	03080488	*0.625*	*1.880*	*5.311*	*2.077*	*3.061*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD523-0656-197-1000R7	03080490	*0.656*	*1.970*	*5.401*	*2.167*	*3.151*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.002*	*0.019*
SD523-0687-206-1000R7	03080493	*0.687*	*2.030*	*5.461*	*2.227*	*3.211*	*2.250*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD523-0709-213-1000R7	03080494	*0.709*	*2.130*	*5.561*	*2.327*	*3.311*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.013*	*0.008*
SD523-0750-225-1000R7	03080497	*0.750*	*2.250*	*5.681*	*2.447*	*3.431*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD523-0766-230-1000R7	03080499	*0.766*	*2.300*	*5.731*	*2.497*	*3.481*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.001*	*0.020*
SD523-0787-236-1000R7	03080501	*0.787*	*2.360*	*5.791*	*2.557*	*3.541*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.003*	*0.018*
SD523-0812-244-1000R7	03080503	*0.812*	*2.440*	*5.871*	*2.637*	*3.621*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD523-0827-248-1000R7	03080505	*0.827*	*2.480*	*5.911*	*2.677*	*3.661*	*2.250*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0*	*0.020*
SD523-0875-263-1000R7	03080507	*0.875*	*2.630*	*6.061*	*2.827*	*3.811*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD523-0906-272-1000R7	03080509	*0.906*	*2.720*	*6.151*	*2.917*	*3.901*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.013*	*0.020*
SD523-0922-276-1000R7	03080512	*0.922*	*2.760*	*6.191*	*2.957*	*3.941*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.010*	*0.020*
SD523-0937-281-1000R7	03080514	*0.937*	*2.810*	*6.241*	*3.007*	*3.991*	*2.250*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-0984-295-1250R7	03080516	*0.984*	*2.950*	*6.506*	*3.147*	*4.131*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1000-300-1250R7	03080518	*1.000*	*3.000*	*6.556*	*3.197*	*4.181*	*2.375*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1032-310-1250R7	03080521	*1.032*	*3.100*	*6.656*	*3.297*	*4.281*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.004*
SD523-1062-319-1250R7	03080522	*1.062*	*3.190*	*6.746*	*3.387*	*4.371*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD523-1109-332-1250R7	03080525	*1.109*	*3.320*	*6.876*	*3.517*	*4.501*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.009*	*0.020*
SD523-1125-338-1250R7	03080526	*1.125*	*3.380*	*6.936*	*3.577*	*4.561*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD523-1172-351-1250R7	03080528	*1.172*	*3.510*	*7.066*	*3.707*	*4.691*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1187-356-1250R7	03080530	*1.187*	*3.560*	*7.116*	*3.757*	*4.741*	*2.375*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1250-375-1500R7	03080533	*1.250*	*3.750*	*7.556*	*3.947*	*4.931*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD523-1312-394-1500R7	03080535	*1.312*	*3.940*	*7.746*	*4.137*	*5.121*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.020*
SD523-1344-403-1500R7	03080537	*1.344*	*4.030*	*7.836*	*4.227*	*5.211*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.006*	*0.020*
SD523-1375-413-1500R7	03080539	*1.375*	*4.130*	*7.936*	*4.327*	*5.311*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD523-1422-426-1500R7	03080541	*1.422*	*4.260*	*8.066*	*4.457*	*5.441*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1437-431-1500R7	03080542	*1.437*	*4.310*	*8.116*	*4.507*	*5.491*	*2.625*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1500-450-1500R7	03080547	*1.500*	*4.500*	*8.306*	*4.697*	*5.681*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD523-1562-469-1500R7	03080550	*1.562*	*4.690*	*8.496*	*4.887*	*5.871*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.010*	*0.020*
SD523-1625-488-1500R7	03080555	*1.625*	*4.880*	*8.686*	*5.077*	*6.061*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.007*	*0.020*
SD523-1687-506-1500R7	03080560	*1.687*	*5.060*	*8.866*	*5.257*	*6.241*	*2.625*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.004*	*0.020*
SD523-1750-525-1500R7	03080565	*1.750*	*5.250*	*9.056*	*5.447*	*6.431*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD523-1812-544-1500R7	03080572	*1.812*	*5.440*	*9.246*	*5.637*	*6.621*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1875-563-1500R7	03080577	*1.875*	*5.630*	*9.436*	*5.827*	*6.811*	*2.625*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1937-581-1500R7	03080581	*1.937*	*5.810*	*9.616*	*6.007*	*6.991*	*2.625*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico	*Inch -*	*Inch +*
SD523-2000-600-1500R7	03080588	*2.000*	*6.000*	*9.806*	*6.197*	*7.181*	*2.625*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD523-2062-619-1500R7	03080593	*2.062*	*6.190*	*9.996*	*6.387*	*7.371*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.017*
SD523-2125-638-1500R7	03080596	*2.125*	*6.380*	*10.186*	*6.577*	*7.561*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD523-2250-675-1500R7	03080603	*2.250*	*6.750*	*10.556*	*6.947*	*7.931*	*2.625*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD523-2375-713-1500R7	03080609	*2.375*	*7.130*	*10.936*	*7.327*	*8.311*	*2.625*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
0.562	C02245-T07P	C02245-T07P	T07P-2
0.594-0.687	–	C02245-T07P	T07P-2
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2
0.787-0.827	C02506-T08P	C02205-T07P	T07P-2
0.875	–	C02506-T08P	T08P-2
0.906-1.000	C02507-T08P	C03007-T08P	T08P-2
1.032-1.109	–	C03007-T09P	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.562	–	C03508-T15P	T15P-2D
1.625-1.687	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D

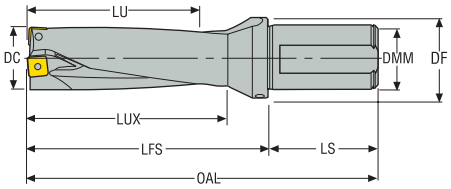
Accessori

Per punta diametro (pollici)	Bit	Chiave dinamometrica
		
0.562	T00-07P	T00-07P09
0.594-0.687	–	T00-07P09
0.709-0.766	–	T00-07P09
0.787-0.827	–	T00-07P09
0.875	–	T00-08P12
0.906-1.000	–	T00-08P12
1.032-1.109	–	T00-09P20
1.125-1.187	–	T00-09P20
1.250-1.562	–	T00-15P30
1.625-1.687	–	T00-15P30
1.750-2.375	–	T00-15P35

SD523

Profondità di foratura ~ 3 x D – Pollici





—Codolo ISO 9766, R7-C
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 300-301
—Per i diametri intermedi, utilizzare MyDesign
—Per applicazioni statiche

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico	*Inch -*	*Inch +*
SD523-0594-178-1000R7-C	03080487	*0.594*	*1.780*	*5.908*	*1.977*	*3.158*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.008*	*0.013*
SD523-0625-188-1000R7-C	03080489	*0.625*	*1.880*	*6.008*	*2.077*	*3.258*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.005*	*0.015*
SD523-0656-197-1000R7-C	03080491	*0.656*	*1.970*	*6.098*	*2.167*	*3.348*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0.002*	*0.019*
SD523-0687-206-1000R7-C	03080492	*0.687*	*2.060*	*6.188*	*2.257*	*3.438*	*2.750*	*1.000*	*1.378*	SPGX0502	SCGX050204	*0*	*0.020*
SD523-0709-213-1000R7-C	03080495	*0.709*	*2.130*	*6.258*	*2.327*	*3.508*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.013*	*0.008*
SD523-0750-225-1000R7-C	03080496	*0.750*	*2.250*	*6.378*	*2.447*	*3.628*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.004*	*0.017*
SD523-0766-230-1000R7-C	03080500	*0.766*	*2.300*	*6.428*	*2.497*	*3.678*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX050204	*0.001*	*0.020*
SD523-0787-236-1000R7-C	03080502	*0.787*	*2.360*	*6.488*	*2.557*	*3.738*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.003*	*0.018*
SD523-0812-244-1000R7-C	03080504	*0.812*	*2.440*	*6.568*	*2.637*	*3.818*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0.001*	*0.020*
SD523-0827-248-1000R7-C	03080506	*0.827*	*2.480*	*6.608*	*2.677*	*3.858*	*2.750*	*1.000*	*1.378*	SPGX0602	SCGX060204	*0*	*0.020*
SD523-0875-263-1000R7-C	03080508	*0.875*	*2.630*	*6.758*	*2.827*	*4.008*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX060204	*0.015*	*0.020*
SD523-0906-272-1000R7-C	03080511	*0.906*	*2.720*	*6.848*	*2.917*	*4.098*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.013*	*0.020*
SD523-0922-276-1000R7-C	03080513	*0.922*	*2.760*	*6.888*	*2.957*	*4.138*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.010*	*0.020*
SD523-0937-281-1000R7-C	03080515	*0.937*	*2.810*	*6.938*	*3.007*	*4.188*	*2.750*	*1.000*	*1.378*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-0984-295-1250R7-C	03080517	*0.984*	*2.950*	*7.078*	*3.147*	*4.328*	*2.750*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1000-300-1250R7-C	03080519	*1.000*	*3.000*	*7.128*	*3.197*	*4.378*	*2.750*	*1.250*	*1.654*	SPGX0703	SCGX070308	*0.004*	*0.020*
SD523-1032-310-1250R7-C	03080520	*1.032*	*3.100*	*7.228*	*3.297*	*4.478*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.004*
SD523-1062-319-1250R7-C	03080523	*1.062*	*3.190*	*7.318*	*3.387*	*4.568*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.020*	*0.010*
SD523-1109-332-1250R7-C	03080524	*1.109*	*3.320*	*7.448*	*3.517*	*4.698*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX070308	*0.009*	*0.020*
SD523-1125-338-1250R7-C	03080527	*1.125*	*3.380*	*7.508*	*3.577*	*4.758*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.008*	*0.020*
SD523-1172-351-1250R7-C	03080529	*1.172*	*3.510*	*7.638*	*3.707*	*4.888*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1187-356-1250R7-C	03080531	*1.187*	*3.560*	*7.688*	*3.757*	*4.938*	*2.750*	*1.250*	*1.654*	SPGX0903	SCGX09T308	*0.005*	*0.020*
SD523-1250-375-1500R7-C	03080532	*1.250*	*3.750*	*7.878*	*3.947*	*5.128*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.011*
SD523-1312-394-1500R7-C	03080536	*1.312*	*3.940*	*8.068*	*4.137*	*5.318*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.020*	*0.020*
SD523-1344-403-1500R7-C	03080538	*1.344*	*4.030*	*8.158*	*4.227*	*5.408*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX09T308	*0.006*	*0.020*
SD523-1375-413-1500R7-C	03080540	*1.375*	*4.130*	*8.258*	*4.327*	*5.508*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.009*	*0.020*
SD523-1422-426-1500R7-C	03080900	*1.422*	*4.260*	*8.388*	*4.457*	*5.638*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1437-431-1500R7-C	03080543	*1.437*	*4.310*	*8.438*	*4.507*	*5.688*	*2.750*	*1.500*	*1.969*	SPGX11T3	SCGX11T308	*0.004*	*0.020*
SD523-1500-450-1500R7-C	03080546	*1.500*	*4.500*	*8.628*	*4.697*	*5.878*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.020*	*0.020*
SD523-1562-469-1500R7-C	03080551	*1.562*	*4.690*	*8.818*	*4.887*	*6.068*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX11T308	*0.010*	*0.020*
SD523-1625-488-1500R7-C	03080556	*1.625*	*4.880*	*9.008*	*5.077*	*6.258*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.007*	*0.020*
SD523-1687-506-1500R7-C	03080561	*1.687*	*5.060*	*9.188*	*5.257*	*6.438*	*2.750*	*1.500*	*1.969*	SPGX12T3	SCGX120408	*0.004*	*0.020*
SD523-1750-525-1500R7-C	03080566	*1.750*	*5.250*	*9.378*	*5.447*	*6.628*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX120408	*0.020*	*0.016*
SD523-1812-544-1500R7-C	03080573	*1.812*	*5.440*	*9.568*	*5.637*	*6.818*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1875-563-1500R7-C	03080578	*1.875*	*5.630*	*9.758*	*5.827*	*7.008*	*2.750*	*1.500*	*1.969*	SPGX1504	SCGX150512	*0.020*	*0.020*
SD523-1937-581-1500R7-C	03080582	*1.937*	*5.810*	*9.938*	*6.007*	*7.188*	*2.750*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico	*Inch -*	*Inch +*
SD523-2000-600-1500R7-C	03080589	*2.000*	*6.000*	*10.128*	*6.197*	*7.378*	*2.750*	*1.500*	*2.337*	SPGX1504	SCGX150512	*0.008*	*0.020*
SD523-2125-638-1500R7-C	03080598	*2.125*	*6.380*	*10.508*	*6.577*	*7.758*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.020*	*0.020*
SD523-2250-675-1500R7-C	03080604	*2.250*	*6.750*	*10.878*	*6.947*	*8.128*	*2.750*	*1.500*	*2.337*	SPGX1904	SCGX150512	*0.013*	*0.020*
SD523-2375-713-1500R7-C	03080610	*2.375*	*7.130*	*11.258*	*7.327*	*8.508*	*2.750*	*1.500*	*2.480*	SPGX1904	SCGX150512	*0.004*	*0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave	Grano
				
0.594-0.687	C02245-T07P	C02245-T07P	T07P-2	R1/4
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2	R1/4
0.787-0.827	C02205-T07P	C02205-T07P	T07P-2	R1/4
0.875	C02506-T08P	C02506-T08P	T08P-2	R1/4
0.906	C02507-T08P	C03007-T08P	T08P-2	R1/4
0.922	C02506-T08P	C03007-T08P	T08P-2	R1/4
0.937-1.000	C02507-T08P	C03007-T08P	T08P-2	R1/4
1.032-1.109	C03007-T09P	C03007-T09P	T09P-2	R1/4
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2	R1/4
1.250-1.562	C03508-T15P	C03508-T15P	T15P-2D	R1/4
1.625-1.687	C03508-T15P	C05012-T15P	T15P-2D	R1/4
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D	R1/4

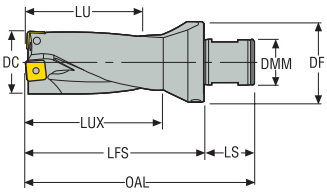
Accessori

Per punta diametro (pollici)	Connettore refrigerante	Chiave dinamometrica
		
0.594-0.687	1310	T00-07P09
0.709-0.766	1310	T00-07P09
0.787-0.827	1310	T00-07P09
0.875	1310	T00-08P12
0.906	1310	T00-08P12
0.922	1310	T00-08P12
0.937-1.000	1310	T00-08P12
1.032-1.109	1310	T00-09P20
1.125-1.187	1310	T00-09P20
1.250-1.562	1310	T00-15P30
1.625-1.687	1310	T00-15P30
1.750-2.375	1310	T00-15P35

SD523

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo compatibile ABS 50, -2
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 300-301
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-15-45-50R2	03080864	15,0 *0.591*	45,0 *1.772*	106,0 *4.173*	50,0 *1.969*	75,0 *2.953*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-50R2	03080865	15,5 *0.610*	47,0 *1.850*	108,0 *4.252*	52,0 *2.047*	77,0 *3.031*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-50R2	03080559	16,0 *0.630*	48,0 *1.890*	109,0 *4.291*	53,0 *2.087*	78,0 *3.071*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-50R2	03080866	16,5 *0.650*	50,0 *1.969*	111,0 *4.370*	55,0 *2.165*	80,0 *3.150*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-50R2	03080867	17,0 *0.669*	51,0 *2.008*	112,0 *4.409*	56,0 *2.205*	81,0 *3.189*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-50R2	03080564	17,5 *0.689*	53,0 *2.087*	114,0 *4.488*	58,0 *2.283*	83,0 *3.268*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-50R2	03080576	18,0 *0.709*	54,0 *2.126*	115,0 *4.528*	59,0 *2.323*	84,0 *3.307*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-50R2	03080868	18,5 *0.728*	56,0 *2.205*	117,0 *4.606*	61,0 *2.402*	86,0 *3.386*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-50R2	03080585	19,0 *0.748*	57,0 *2.244*	118,0 *4.646*	62,0 *2.441*	87,0 *3.425*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-50R2	03080591	20,0 *0.787*	60,0 *2.362*	121,0 *4.764*	65,0 *2.559*	90,0 *3.543*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-50R2	03080587	20,62 *0.812*	62,0 *2.441*	123,0 *4.843*	67,0 *2.638*	92,0 *3.622*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-50R2	03080600	21,0 *0.827*	63,0 *2.480*	124,0 *4.882*	68,0 *2.677*	93,0 *3.661*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-50R2	03080606	22,0 *0.866*	66,0 *2.598*	127,0 *5.000*	71,0 *2.795*	96,0 *3.780*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-50R2	03080601	22,23 *0.875*	67,0 *2.638*	128,0 *5.039*	72,0 *2.835*	97,0 *3.819*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-50R2	03080869	23,0 *0.906*	69,0 *2.717*	130,0 *5.118*	74,0 *2.913*	99,0 *3.898*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-50R2	03080613	24,0 *0.945*	72,0 *2.835*	133,0 *5.236*	77,0 *3.031*	102,0 *4.016*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-50R2	03080617	25,0 *0.984*	75,0 *2.953*	136,0 *5.354*	80,0 *3.150*	105,0 *4.134*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.40-77-50R2	03080614	25,4 *1.000*	77,0 *3.031*	138,0 *5.433*	82,0 *3.228*	107,0 *4.213*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-50R2	03080620	26,0 *1.024*	78,0 *3.071*	139,0 *5.472*	83,0 *3.268*	108,0 *4.252*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-50R2	03080623	27,0 *1.063*	81,0 *3.189*	142,0 *5.591*	86,0 *3.386*	111,0 *4.370*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-50R2	03080627	28,0 *1.102*	84,0 *3.307*	145,0 *5.709*	89,0 *3.504*	114,0 *4.488*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-50R2	03080625	28,59 *1.126*	86,0 *3.386*	147,0 *5.787*	91,0 *3.583*	116,0 *4.567*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-50R2	03080630	29,0 *1.142*	87,0 *3.425*	148,0 *5.827*	92,0 *3.622*	117,0 *4.606*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-50R2	03080633	30,0 *1.181*	90,0 *3.543*	151,0 *5.945*	95,0 *3.740*	120,0 *4.724*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-50R2	03080637	31,0 *1.220*	93,0 *3.661*	154,0 *6.063*	98,0 *3.858*	123,0 *4.843*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-31.75-96-50R2	03080635	31,75 *1.250*	96,0 *3.780*	157,0 *6.181*	101,0 *3.976*	126,0 *4.961*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD523-32-96-50R2	03080640	32,0 *1.260*	96,0 *3.780*	157,0 *6.181*	101,0 *3.976*	126,0 *4.961*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-50R2	03080643	33,0 *1.299*	99,0 *3.898*	160,0 *6.299*	104,0 *4.094*	129,0 *5.079*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-50R2	03080646	34,0 *1.339*	102,0 *4.016*	163,0 *6.417*	107,0 *4.213*	132,0 *5.197*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-50R2	03080650	35,0 *1.378*	105,0 *4.134*	166,0 *6.535*	110,0 *4.331*	135,0 *5.315*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-36-108-50R2	03080870	36,0 *1.417*	108,0 *4.252*	169,0 *6.654*	113,0 *4.449*	138,0 *5.433*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-50R2	03080871	37,0 *1.457*	111,0 *4.370*	172,0 *6.772*	116,0 *4.567*	141,0 *5.551*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-50R2	03080657	38,0 *1.496*	114,0 *4.488*	175,0 *6.890*	119,0 *4.685*	144,0 *5.669*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-50R2	03080660	39,0 *1.535*	117,0 *4.606*	178,0 *7.008*	122,0 *4.803*	147,0 *5.787*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-50R2	03080872	40,0 *1.575*	120,0 *4.724*	181,0 *7.126*	125,0 *4.921*	150,0 *5.906*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*
SD523-41-123-50R2	03080873	41,0 *1.614*	123,0 *4.843*	184,0 *7.244*	128,0 *5.039*	153,0 *6.024*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-42-126-50R2	03080874	42,0 *1.654*	126,0 *4.961*	187,0 *7.362*	131,0 *5.157*	156,0 *6.142*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,19 *0.007*	0,5 *0.020*
SD523-43-129-50R2	03080875	43,0 *1.693*	129,0 *5.079*	190,0 *7.480*	134,0 *5.276*	159,0 *6.260*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX120408	0,05 *0.002*	0,5 *0.020*
SD523-44-132-50R2	03080671	44,0 *1.732*	132,0 *5.197*	193,0 *7.598*	137,0 *5.394*	162,0 *6.378*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*
SD523-44.45-134-50R2	03080668	44,45 *1.750*	134,0 *5.276*	195,0 *7.677*	139,0 *5.472*	164,0 *6.457*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX1504	SCGX120408	0,5 *0.020*	0,41 *0.016*

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00	C02506-T08P	C03007-T08P	T08P-2
24,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,00-44,45	C04011-T15P	C05012-T15P	T15P-2D

Accessori

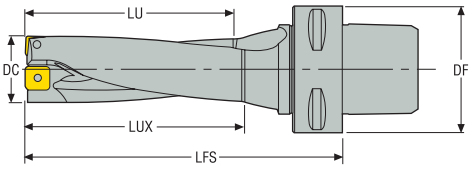
Chiave dinamometrica

T00-07P09
T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD523

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





—Codolo C4 Seco-Capto™
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 300-301
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-15-45-C4	03080920	15,0 *0.591*	45,0 *1.772*	50,0 *1.969*	82,0 *3.228*	40,0 *1.575*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-C4	03080921	15,5 *0.610*	47,0 *1.850*	52,0 *2.047*	84,0 *3.307*	40,0 *1.575*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-C4	03080922	16,0 *0.630*	48,0 *1.890*	53,0 *2.087*	86,0 *3.386*	40,0 *1.575*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-C4	03080923	16,5 *0.650*	50,0 *1.969*	55,0 *2.165*	88,0 *3.465*	40,0 *1.575*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-C4	03080925	17,0 *0.669*	51,0 *2.008*	56,0 *2.205*	89,0 *3.504*	40,0 *1.575*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-C4	03080926	17,5 *0.689*	53,0 *2.087*	58,0 *2.283*	92,0 *3.622*	40,0 *1.575*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-C4	03080927	18,0 *0.709*	54,0 *2.126*	59,0 *2.323*	93,0 *3.661*	40,0 *1.575*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-C4	03080928	18,5 *0.728*	56,0 *2.205*	61,0 *2.402*	95,0 *3.740*	40,0 *1.575*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-C4	03080929	19,0 *0.748*	57,0 *2.244*	62,0 *2.441*	96,0 *3.780*	40,0 *1.575*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-C4	03080930	20,0 *0.787*	60,0 *2.362*	65,0 *2.559*	101,0 *3.976*	40,0 *1.575*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-C4	03081006	20,62 *0.812*	62,0 *2.441*	67,0 *2.638*	103,0 *4.055*	40,0 *1.575*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-C4	03080931	21,0 *0.827*	63,0 *2.480*	68,0 *2.677*	104,0 *4.094*	40,0 *1.575*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-C4	03080932	22,0 *0.866*	66,0 *2.598*	71,0 *2.795*	107,0 *4.213*	40,0 *1.575*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-C4	03081008	22,23 *0.875*	67,0 *2.638*	72,0 *2.835*	108,0 *4.252*	40,0 *1.575*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-C4	03080933	23,0 *0.906*	69,0 *2.717*	74,0 *2.913*	111,0 *4.370*	40,0 *1.575*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-C4	03080934	24,0 *0.945*	72,0 *2.835*	77,0 *3.031*	115,0 *4.528*	40,0 *1.575*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-C4	03080935	25,0 *0.984*	75,0 *2.953*	80,0 *3.150*	119,0 *4.685*	40,0 *1.575*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.4-77-C4	03081009	25,4 *1.000*	77,0 *3.031*	82,0 *3.228*	121,0 *4.764*	40,0 *1.575*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-C4	03080936	26,0 *1.024*	78,0 *3.071*	83,0 *3.268*	122,0 *4.803*	40,0 *1.575*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-C4	03080937	27,0 *1.063*	81,0 *3.189*	86,0 *3.386*	125,0 *4.921*	40,0 *1.575*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-C4	03080938	28,0 *1.102*	84,0 *3.307*	89,0 *3.504*	129,0 *5.079*	40,0 *1.575*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-C4	03081010	28,59 *1.126*	86,0 *3.386*	91,0 *3.583*	131,0 *5.157*	40,0 *1.575*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-C4	03080939	29,0 *1.142*	87,0 *3.425*	92,0 *3.622*	132,0 *5.197*	40,0 *1.575*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-C4	03080940	30,0 *1.181*	90,0 *3.543*	95,0 *3.740*	135,0 *5.315*	40,0 *1.575*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
15,00-16,50	C02245-T07P	C02245-T07P	T07P-2
17,50	C02205-T07P	C02245-T07P	T07P-2
17,51	C02245-T07P	C02245-T07P	T07P-2
18,00-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-30,00	C03007-T09P	C03009-T09P	T09P-2

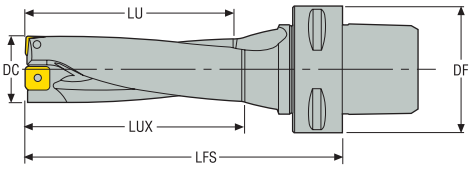
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
15,00-16,50	T00-07P09
17,50	T00-07P09
17,51	T00-07P09
18,00-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-30,00	T00-09P20

SD523

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





–Codolo C5 Seco-Capto™
–Adduzione refrigerante interna
–Per le informazioni sugli inserti, vedere pagina(e) 294-297
–Per i parametri di taglio raccomandati, vedere pagina(e) 300-301
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-15-45-C5	03080941	15,0 *0.591*	45,0 *1.772*	50,0 *1.969*	82,0 *3.228*	50,0 *1.969*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-C5	03080942	15,5 *0.610*	47,0 *1.850*	52,0 *2.047*	84,0 *3.307*	50,0 *1.969*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-C5	03080943	16,0 *0.630*	48,0 *1.890*	53,0 *2.087*	86,0 *3.386*	50,0 *1.969*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-C5	03080944	16,5 *0.650*	50,0 *1.969*	55,0 *2.165*	88,0 *3.465*	50,0 *1.969*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-C5	03080945	17,0 *0.669*	51,0 *2.008*	56,0 *2.205*	89,0 *3.504*	50,0 *1.969*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-C5	03080946	17,5 *0.689*	53,0 *2.087*	58,0 *2.283*	92,0 *3.622*	50,0 *1.969*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-C5	03080947	18,0 *0.709*	54,0 *2.126*	59,0 *2.323*	93,0 *3.661*	50,0 *1.969*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-C5	03080948	18,5 *0.728*	56,0 *2.205*	61,0 *2.402*	95,0 *3.740*	50,0 *1.969*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-C5	03080949	19,0 *0.748*	57,0 *2.244*	62,0 *2.441*	96,0 *3.780*	50,0 *1.969*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-C5	03080950	20,0 *0.787*	60,0 *2.362*	65,0 *2.559*	101,0 *3.976*	50,0 *1.969*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-C5	03081001	20,62 *0.812*	62,0 *2.441*	67,0 *2.638*	103,0 *4.055*	50,0 *1.969*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-C5	03080951	21,0 *0.827*	63,0 *2.480*	68,0 *2.677*	104,0 *4.094*	50,0 *1.969*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-C5	03080952	22,0 *0.866*	66,0 *2.598*	71,0 *2.795*	107,0 *4.213*	50,0 *1.969*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-C5	03081002	22,23 *0.875*	67,0 *2.638*	72,0 *2.835*	108,0 *4.252*	50,0 *1.969*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-C5	03080953	23,0 *0.906*	69,0 *2.717*	74,0 *2.913*	111,0 *4.370*	50,0 *1.969*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-C5	03080954	24,0 *0.945*	72,0 *2.835*	77,0 *3.031*	115,0 *4.528*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-C5	03080955	25,0 *0.984*	75,0 *2.953*	80,0 *3.150*	119,0 *4.685*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.4-77-C5	03081003	25,4 *1.000*	77,0 *3.031*	82,0 *3.228*	121,0 *4.764*	50,0 *1.969*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-C5	03080956	26,0 *1.024*	78,0 *3.071*	83,0 *3.268*	122,0 *4.803*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-C5	03080957	27,0 *1.063*	81,0 *3.189*	86,0 *3.386*	125,0 *4.921*	50,0 *1.969*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-C5	03080958	28,0 *1.102*	84,0 *3.307*	89,0 *3.504*	129,0 *5.079*	50,0 *1.969*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-C5	03081004	28,59 *1.126*	86,0 *3.386*	91,0 *3.583*	131,0 *5.157*	50,0 *1.969*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-C5	03080959	29,0 *1.142*	87,0 *3.425*	92,0 *3.622*	132,0 *5.197*	50,0 *1.969*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-C5	03080960	30,0 *1.181*	90,0 *3.543*	95,0 *3.740*	135,0 *5.315*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-C5	03080961	31,0 *1.220*	93,0 *3.661*	98,0 *3.858*	138,0 *5.433*	50,0 *1.969*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-31.75-96-C5	03081005	31,75 *1.250*	96,0 *3.780*	101,0 *3.976*	142,0 *5.591*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD523-32-96-C5	03080962	32,0 *1.260*	96,0 *3.780*	101,0 *3.976*	142,0 *5.591*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-C5	03080963	33,0 *1.299*	99,0 *3.898*	104,0 *4.094*	145,0 *5.709*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-C5	03080964	34,0 *1.339*	102,0 *4.016*	107,0 *4.213*	148,0 *5.827*	50,0 *1.969*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-C5	03080965	35,0 *1.378*	105,0 *4.134*	110,0 *4.331*	151,0 *5.945*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-36-108-C5	03080966	36,0 *1.417*	108,0 *4.252*	113,0 *4.449*	154,0 *6.063*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-C5	03080967	37,0 *1.457*	111,0 *4.370*	116,0 *4.567*	157,0 *6.181*	50,0 *1.969*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-C5	03080968	38,0 *1.496*	114,0 *4.488*	119,0 *4.685*	160,0 *6.299*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-C5	03080969	39,0 *1.535*	117,0 *4.606*	122,0 *4.803*	163,0 *6.417*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-C5	03080970	40,0 *1.575*	120,0 *4.724*	125,0 *4.921*	166,0 *6.535*	50,0 *1.969*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
15,00-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

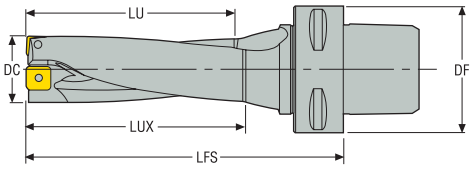
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
15,00-17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD523

Profondità di foratura ~ 3 x D – Misure metriche/Pollici





–Codolo C6 Seco-Capto™
–Adduzione refrigerante interna
–Per le informazioni sugli inserti, vedere pagina(e) 294-297
–Per i parametri di taglio raccomandati, vedere pagina(e) 300-301
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-15-45-C6	03080971	15,0 *0.591*	45,0 *1.772*	50,0 *1.969*	84,0 *3.307*	63,0 *2.480*	SPGX0502	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-15.5-47-C6	03080972	15,5 *0.610*	47,0 *1.850*	52,0 *2.047*	86,0 *3.386*	63,0 *2.480*	SPGX0502	SCGX050204	0,17 *0.007*	0,36 *0.014*
SD523-16-48-C6	03080973	16,0 *0.630*	48,0 *1.890*	53,0 *2.087*	88,0 *3.465*	63,0 *2.480*	SPGX0502	SCGX050204	0,12 *0.005*	0,41 *0.016*
SD523-16.5-50-C6	03080974	16,5 *0.650*	50,0 *1.969*	55,0 *2.165*	90,0 *3.543*	63,0 *2.480*	SPGX0502	SCGX050204	0,07 *0.003*	0,46 *0.018*
SD523-17-51-C6	03080975	17,0 *0.669*	51,0 *2.008*	56,0 *2.205*	91,0 *3.583*	63,0 *2.480*	SPGX0502	SCGX050204	0,02 *0.001*	0,5 *0.020*
SD523-17.5-53-C6	03080976	17,5 *0.689*	53,0 *2.087*	58,0 *2.283*	94,0 *3.701*	63,0 *2.480*	SPGX0602	SCGX050204	0,43 *0.017*	0,1 *0.004*
SD523-18-54-C6	03080977	18,0 *0.709*	54,0 *2.126*	59,0 *2.323*	95,0 *3.740*	63,0 *2.480*	SPGX0602	SCGX050204	0,32 *0.013*	0,21 *0.008*
SD523-18.5-56-C6	03080978	18,5 *0.728*	56,0 *2.205*	61,0 *2.402*	97,0 *3.819*	63,0 *2.480*	SPGX0602	SCGX050204	0,22 *0.009*	0,31 *0.012*
SD523-19-57-C6	03080979	19,0 *0.748*	57,0 *2.244*	62,0 *2.441*	98,0 *3.858*	63,0 *2.480*	SPGX0602	SCGX050204	0,11 *0.004*	0,42 *0.017*
SD523-20-60-C6	03080980	20,0 *0.787*	60,0 *2.362*	65,0 *2.559*	103,0 *4.055*	63,0 *2.480*	SPGX0602	SCGX060204	0,07 *0.003*	0,46 *0.018*
SD523-20.62-62-C6	03081011	20,62 *0.812*	62,0 *2.441*	67,0 *2.638*	105,0 *4.134*	63,0 *2.480*	SPGX0602	SCGX060204	0,03 *0.001*	0,5 *0.020*
SD523-21-63-C6	03080981	21,0 *0.827*	63,0 *2.480*	68,0 *2.677*	106,0 *4.173*	63,0 *2.480*	SPGX0602	SCGX060204	0,01 *0*	0,5 *0.020*
SD523-22-66-C6	03080982	22,0 *0.866*	66,0 *2.598*	71,0 *2.795*	109,0 *4.291*	63,0 *2.480*	SPGX0703	SCGX060204	0,44 *0.017*	0,46 *0.018*
SD523-22.23-67-C6	03081012	22,23 *0.875*	67,0 *2.638*	72,0 *2.835*	110,0 *4.331*	63,0 *2.480*	SPGX0703	SCGX060204	0,39 *0.015*	0,5 *0.020*
SD523-23-69-C6	03080983	23,0 *0.906*	69,0 *2.717*	74,0 *2.913*	113,0 *4.449*	63,0 *2.480*	SPGX0703	SCGX070308	0,33 *0.013*	0,5 *0.020*
SD523-24-72-C6	03080984	24,0 *0.945*	72,0 *2.835*	77,0 *3.031*	117,0 *4.606*	63,0 *2.480*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25-75-C6	03080985	25,0 *0.984*	75,0 *2.953*	80,0 *3.150*	121,0 *4.764*	63,0 *2.480*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-25.4-77-C6	03081013	25,4 *1.000*	77,0 *3.031*	82,0 *3.228*	123,0 *4.843*	63,0 *2.480*	SPGX0703	SCGX070308	0,11 *0.004*	0,5 *0.020*
SD523-26-78-C6	03080986	26,0 *1.024*	78,0 *3.071*	83,0 *3.268*	124,0 *4.882*	63,0 *2.480*	SPGX0903	SCGX070308	0,5 *0.020*	0,11 *0.004*
SD523-27-81-C6	03080987	27,0 *1.063*	81,0 *3.189*	86,0 *3.386*	127,0 *5.000*	63,0 *2.480*	SPGX0903	SCGX070308	0,5 *0.020*	0,26 *0.010*
SD523-28-84-C6	03080988	28,0 *1.102*	84,0 *3.307*	89,0 *3.504*	131,0 *5.157*	63,0 *2.480*	SPGX0903	SCGX070308	0,28 *0.011*	0,5 *0.020*
SD523-28.59-86-C6	03081014	28,59 *1.126*	86,0 *3.386*	91,0 *3.583*	133,0 *5.236*	63,0 *2.480*	SPGX0903	SCGX09T308	0,21 *0.008*	0,5 *0.020*
SD523-29-87-C6	03080989	29,0 *1.142*	87,0 *3.425*	92,0 *3.622*	134,0 *5.276*	63,0 *2.480*	SPGX0903	SCGX09T308	0,18 *0.007*	0,5 *0.020*
SD523-30-90-C6	03080990	30,0 *1.181*	90,0 *3.543*	95,0 *3.740*	137,0 *5.394*	63,0 *2.480*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*
SD523-31-93-C6	03080991	31,0 *1.220*	93,0 *3.661*	98,0 *3.858*	140,0 *5.512*	63,0 *2.480*	SPGX0903	SCGX09T308	0,12 *0.005*	0,5 *0.020*

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto		Regolazione radiale	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico	mm - *Inch -*	mm + *Inch +*
SD523-31.75-96-C6	03081015	31,75 *1.250*	96,0 *3.780*	101,0 *3.976*	144,0 *5.669*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,28 *0.011*
SD523-32-96-C6	03080992	32,0 *1.260*	96,0 *3.780*	101,0 *3.976*	144,0 *5.669*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,31 *0.012*
SD523-33-99-C6	03080993	33,0 *1.299*	99,0 *3.898*	104,0 *4.094*	147,0 *5.787*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,5 *0.020*	0,46 *0.018*
SD523-34-102-C6	03080994	34,0 *1.339*	102,0 *4.016*	107,0 *4.213*	150,0 *5.906*	63,0 *2.480*	SPGX11T3	SCGX09T308	0,22 *0.009*	0,5 *0.020*
SD523-35-105-C6	03080995	35,0 *1.378*	105,0 *4.134*	110,0 *4.331*	153,0 *6.024*	63,0 *2.480*	SPGX11T3	SCGX11T308	0,22 *0.009*	0,5 *0.020*
SD523-36-108-C6	03080996	36,0 *1.417*	108,0 *4.252*	113,0 *4.449*	156,0 *6.142*	63,0 *2.480*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-37-111-C6	03080997	37,0 *1.457*	111,0 *4.370*	116,0 *4.567*	159,0 *6.260*	63,0 *2.480*	SPGX11T3	SCGX11T308	0,09 *0.004*	0,5 *0.020*
SD523-38-114-C6	03080998	38,0 *1.496*	114,0 *4.488*	119,0 *4.685*	162,0 *6.378*	63,0 *2.480*	SPGX12T3	SCGX11T308	0,5 *0.020*	0,5 *0.020*
SD523-39-117-C6	03080999	39,0 *1.535*	117,0 *4.606*	122,0 *4.803*	165,0 *6.496*	63,0 *2.480*	SPGX12T3	SCGX11T308	0,39 *0.015*	0,5 *0.020*
SD523-40-120-C6	03081000	40,0 *1.575*	120,0 *4.724*	125,0 *4.921*	168,0 *6.614*	63,0 *2.480*	SPGX12T3	SCGX11T308	0,19 *0.007*	0,5 *0.020*

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
15,50-17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

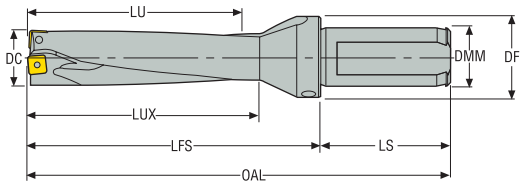
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
15,50-17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,00	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD524

Profondità di foratura ~ 4 x D – Misure metriche/Pollici





—Codolo ISO 9766, -7
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 302, 303
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-17-68-25R7	03080330	17,0 *0.669*	68,0 *2.677*	154,0 *6.063*	73,0 *2.874*	98,0 *3.858*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0502	SCGX050204
SD524-17.5-70-25R7	03080326	17,5 *0.689*	70,0 *2.756*	156,0 *6.142*	75,0 *2.953*	100,0 *3.937*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-18-72-25R7	03080333	18,0 *0.709*	72,0 *2.835*	158,0 *6.220*	77,0 *3.031*	102,0 *4.016*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-18.5-74-25R7	03080331	18,5 *0.728*	74,0 *2.913*	160,0 *6.299*	79,0 *3.110*	104,0 *4.094*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-19-76-25R7	03080336	19,0 *0.748*	76,0 *2.992*	162,0 *6.378*	81,0 *3.189*	106,0 *4.173*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD524-20-80-25R7	03080340	20,0 *0.787*	80,0 *3.150*	166,0 *6.535*	85,0 *3.346*	110,0 *4.331*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD524-21-84-25R7	03080344	21,0 *0.827*	84,0 *3.307*	170,0 *6.693*	89,0 *3.504*	114,0 *4.488*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD524-22-88-25R7	03080348	22,0 *0.866*	88,0 *3.465*	174,0 *6.850*	93,0 *3.661*	118,0 *4.646*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204
SD524-23-92-25R7	03080351	23,0 *0.906*	92,0 *3.622*	178,0 *7.008*	97,0 *3.819*	122,0 *4.803*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD524-24-96-25R7	03080352	24,0 *0.945*	96,0 *3.780*	182,0 *7.165*	101,0 *3.976*	126,0 *4.961*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD524-25-100-32R7	03080353	25,0 *0.984*	100,0 *3.937*	190,0 *7.480*	105,0 *4.134*	130,0 *5.118*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308
SD524-26-104-32R7	03080354	26,0 *1.024*	104,0 *4.094*	194,0 *7.638*	109,0 *4.291*	134,0 *5.276*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD524-27-108-32R7	03080355	27,0 *1.063*	108,0 *4.252*	198,0 *7.795*	113,0 *4.449*	138,0 *5.433*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD524-28-112-32R7	03080356	28,0 *1.102*	112,0 *4.409*	202,0 *7.953*	117,0 *4.606*	142,0 *5.591*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD524-29-116-32R7	03080357	29,0 *1.142*	116,0 *4.567*	206,0 *8.110*	121,0 *4.764*	146,0 *5.748*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD524-30-120-32R7	03080358	30,0 *1.181*	120,0 *4.724*	210,0 *8.268*	125,0 *4.921*	150,0 *5.906*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD524-31-124-32R7	03080360	31,0 *1.220*	124,0 *4.882*	214,0 *8.425*	129,0 *5.079*	154,0 *6.063*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD524-32-128-40R7	03080361	32,0 *1.260*	128,0 *5.039*	226,0 *8.898*	133,0 *5.236*	158,0 *6.220*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-33-132-40R7	03080362	33,0 *1.299*	132,0 *5.197*	230,0 *9.055*	137,0 *5.394*	162,0 *6.378*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-34-136-40R7	03080363	34,0 *1.339*	136,0 *5.354*	234,0 *9.213*	141,0 *5.551*	166,0 *6.535*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-35-140-40R7	03080364	35,0 *1.378*	140,0 *5.512*	238,0 *9.370*	145,0 *5.709*	170,0 *6.693*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-36-144-40R7	03080365	36,0 *1.417*	144,0 *5.669*	242,0 *9.528*	149,0 *5.866*	174,0 *6.850*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-37-148-40R7	03080366	37,0 *1.457*	148,0 *5.827*	246,0 *9.685*	153,0 *6.024*	178,0 *7.008*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-38-152-40R7	03080367	38,0 *1.496*	152,0 *5.984*	250,0 *9.843*	157,0 *6.181*	182,0 *7.165*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-39-156-40R7	03080368	39,0 *1.535*	156,0 *6.142*	254,0 *10.000*	161,0 *6.339*	186,0 *7.323*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-40-160-40R7	03080369	40,0 *1.575*	160,0 *6.299*	258,0 *10.157*	165,0 *6.496*	190,0 *7.480*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-41-164-40R7	03080370	41,0 *1.614*	164,0 *6.457*	262,0 *10.315*	169,0 *6.654*	194,0 *7.638*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD524-42-168-40R7	03080371	42,0 *1.654*	168,0 *6.614*	266,0 *10.472*	173,0 *6.811*	198,0 *7.795*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD524-43-172-40R7	03080372	43,0 *1.693*	172,0 *6.772*	270,0 *10.630*	177,0 *6.969*	202,0 *7.953*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD524-44-176-40R7	03080373	44,0 *1.732*	176,0 *6.929*	274,0 *10.787*	181,0 *7.126*	206,0 *8.110*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408
SD524-45-180-40R7	03080374	45,0 *1.772*	180,0 *7.087*	278,0 *10.945*	185,0 *7.283*	210,0 *8.268*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512
SD524-46-184-40R7	03080375	46,0 *1.811*	184,0 *7.244*	282,0 *11.102*	189,0 *7.441*	214,0 *8.425*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512
SD524-47-188-40R7	03080376	47,0 *1.850*	188,0 *7.402*	286,0 *11.260*	193,0 *7.598*	218,0 *8.583*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512
SD524-48-192-40R7	03080377	48,0 *1.890*	192,0 *7.559*	290,0 *11.417*	197,0 *7.756*	222,0 *8.740*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-49-196-40R7	03080378	49,0 *1.929*	196,0 *7.717*	294,0 *11.575*	201,0 *7.913*	226,0 *8.898*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-50-200-40R7	03080379	50,0 *1.969*	200,0 *7.874*	298,0 *11.732*	205,0 *8.071*	230,0 *9.055*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-51-204-40R7	03080380	51,0 *2.008*	204,0 *8.031*	302,0 *11.890*	209,0 *8.228*	234,0 *9.213*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1504	SCGX150512
SD524-52-208-40R7	03080381	52,0 *2.047*	208,0 *8.189*	306,0 *12.047*	213,0 *8.386*	238,0 *9.370*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-53-212-40R7	03080382	53,0 *2.087*	212,0 *8.346*	310,0 *12.205*	217,0 *8.543*	242,0 *9.528*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-54-216-40R7	03080383	54,0 *2.126*	216,0 *8.504*	314,0 *12.362*	221,0 *8.701*	246,0 *9.685*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-55-220-40R7	03080384	55,0 *2.165*	220,0 *8.661*	318,0 *12.520*	225,0 *8.858*	250,0 *9.843*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-56-224-40R7	03080385	56,0 *2.205*	224,0 *8.819*	322,0 *12.677*	229,0 *9.016*	254,0 *10.000*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-57-228-40R7	03080386	57,0 *2.244*	228,0 *8.976*	326,0 *12.835*	233,0 *9.173*	258,0 *10.157*	68,0 *2.677*	40,0 *1.575*	59,35 *2.337*	SPGX1904	SCGX150512
SD524-58-232-40R7	03080387	58,0 *2.283*	232,0 *9.134*	330,0 *12.992*	237,0 *9.331*	262,0 *10.315*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512
SD524-59-236-40R7	03080388	59,0 *2.323*	236,0 *9.291*	334,0 *13.150*	241,0 *9.488*	266,0 *10.472*	68,0 *2.677*	40,0 *1.575*	63,0 *2.480*	SPGX1904	SCGX150512

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,76	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
29,00-31,00	C03007-T09P	C03009-T09P	T09P-2
32,00-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-43,00	C03508-T15P	C05012-T15P	T15P-2D
44,00-59,00	C04011-T15P	C05012-T15P	T15P-2D

Accessori

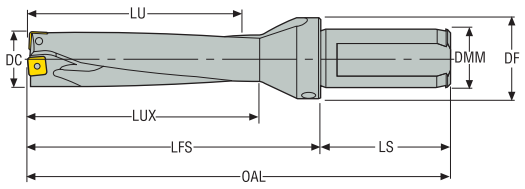
Chiave dinamometrica

T00-07P09
T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD524

Profondità di foratura ~ 4 x D – Pollici





- Codolo ISO 9766, R7
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 302, 303
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico
SD524-0594-238-1000R7	03080280	0.594	2.380	5.811	2.577	3.561	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0625-250-1000R7	03080281	0.625	2.500	5.931	2.697	3.681	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0656-262-1000R7	03080283	0.656	2.620	6.051	2.817	3.801	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0687-275-1000R7	03080285	0.687	2.750	6.181	2.947	3.931	2.250	1.000	1.378	SPGX0502	SCGX050204
SD524-0709-284-1000R7	03080286	0.709	2.840	6.271	3.037	4.021	2.250	1.000	1.378	SPGX0602	SCGX050204
SD524-0750-300-1000R7	03080288	0.750	3.000	6.431	3.197	4.181	2.250	1.000	1.378	SPGX0602	SCGX050204
SD524-0766-306-1000R7	03080289	0.766	3.060	6.491	3.257	4.241	2.250	1.000	1.378	SPGX0602	SCGX050204
SD524-0787-315-1000R7	03080290	0.787	3.150	6.581	3.347	4.331	2.250	1.000	1.378	SPGX0602	SCGX060204
SD524-0812-325-1000R7	03080292	0.812	3.250	6.681	3.447	4.431	2.250	1.000	1.378	SPGX0602	SCGX060204
SD524-0827-331-1000R7	03080294	0.827	3.310	6.741	3.507	4.491	2.250	1.000	1.378	SPGX0602	SCGX060204
SD524-0875-350-1000R7	03080295	0.875	3.500	6.931	3.697	4.681	2.250	1.000	1.378	SPGX0703	SCGX060204
SD524-0906-362-1000R7	03080297	0.906	3.620	7.051	3.817	4.801	2.250	1.000	1.378	SPGX0703	SCGX070308
SD524-0922-369-1000R7	03080298	0.922	3.690	7.121	3.887	4.871	2.250	1.000	1.378	SPGX0703	SCGX070308
SD524-0937-375-1000R7	03080299	0.937	3.750	7.181	3.947	4.931	2.250	1.000	1.378	SPGX0703	SCGX070308
SD524-0984-394-1250R7	03080301	0.984	3.940	7.496	4.137	5.121	2.375	1.250	1.654	SPGX0703	SCGX070308
SD524-1000-400-1250R7	03080302	1.000	4.000	7.556	4.197	5.181	2.375	1.250	1.654	SPGX0703	SCGX070308
SD524-1032-413-1250R7	03080304	1.032	4.130	7.686	4.327	5.311	2.375	1.250	1.654	SPGX0903	SCGX070308
SD524-1062-425-1250R7	03080305	1.062	4.250	7.806	4.447	5.431	2.375	1.250	1.654	SPGX0903	SCGX070308
SD524-1109-443-1250R7	03080307	1.109	4.430	7.986	4.627	5.611	2.375	1.250	1.654	SPGX0903	SCGX070308
SD524-1125-450-1250R7	03080308	1.125	4.500	8.056	4.697	5.681	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD524-1172-469-1250R7	03080310	1.172	4.690	8.246	4.887	5.871	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD524-1187-475-1250R7	03080311	1.187	4.750	8.306	4.947	5.931	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD524-1250-500-1500R7	03080314	1.250	5.000	8.806	5.197	6.181	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1312-525-1500R7	03080315	1.312	5.250	9.056	5.447	6.431	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1344-538-1500R7	03080317	1.344	5.380	9.186	5.577	6.561	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1375-550-1500R7	03080318	1.375	5.500	9.306	5.697	6.681	2.625	1.500	1.969	SPGX11T3	SCGX11T308
SD524-1437-575-1500R7	03080320	1.437	5.750	9.556	5.947	6.931	2.625	1.500	1.969	SPGX11T3	SCGX11T308
SD524-1500-600-1500R7	03080322	1.500	6.000	9.806	6.197	7.181	2.625	1.500	1.969	SPGX12T3	SCGX11T308
SD524-1562-625-1500R7	03080323	1.562	6.250	10.056	6.447	7.431	2.625	1.500	1.969	SPGX12T3	SCGX11T308
SD524-1625-650-1500R7	03080324	1.625	6.500	10.306	6.697	7.681	2.625	1.500	1.969	SPGX12T3	SCGX120408
SD524-1687-675-1500R7	03080325	1.687	6.750	10.556	6.947	7.931	2.625	1.500	1.969	SPGX12T3	SCGX120408
SD524-1750-700-1500R7	03080328	1.750	7.000	10.806	7.197	8.181	2.625	1.500	1.969	SPGX1504	SCGX120408
SD524-1812-725-1500R7	03080332	1.812	7.250	11.056	7.447	8.431	2.625	1.500	1.969	SPGX1504	SCGX150512
SD524-1875-750-1500R7	03080334	1.875	7.500	11.306	7.697	8.681	2.625	1.500	1.969	SPGX1504	SCGX150512
SD524-1937-775-1500R7	03080335	1.937	7.750	11.556	7.947	8.931	2.625	1.500	2.337	SPGX1504	SCGX150512
SD524-2000-800-1500R7	03080337	2.000	8.000	11.806	8.197	9.181	2.625	1.500	2.337	SPGX1504	SCGX150512
SD524-2062-825-1500R7	03080339	2.062	8.250	12.056	8.447	9.431	2.625	1.500	2.337	SPGX1904	SCGX150512
SD524-2125-850-1500R7	03080342	2.125	8.500	12.306	8.697	9.681	2.625	1.500	2.337	SPGX1904	SCGX150512

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico
SD524-2250-900-1500R7	03080346	2.250	9.000	12.806	9.197	10.181	2.625	1.500	2.337	SPGX1904	SCGX150512
SD524-2375-950-1500R7	03080349	2.375	9.500	13.306	9.697	10.681	2.625	1.500	2.480	SPGX1904	SCGX150512

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
0.594-0.687	C02245-T07P	C02245-T07P	T07P-2
0.709-0.766	C02205-T07P	C02245-T07P	T07P-2
0.787-0.827	C02205-T07P	C02205-T07P	T07P-2
0.875-0.905	C02506-T08P	C02506-T08P	T08P-2
0.906-1.000	C02507-T08P	C03007-T08P	T08P-2
1.032-1.109	C03007-T09P	C03007-T09P	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.562	C03508-T15P	C03508-T15P	T15P-2D
1.625-1.687	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D

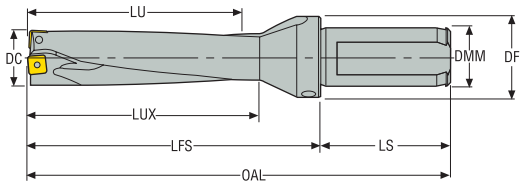
Accessori

Per punta diametro (pollici)	Chiave dinamometrica
	
0.594-0.687	T00-07P09
0.709-0.766	T00-07P09
0.787-0.827	T00-07P09
0.875-0.905	T00-08P12
0.906-1.000	T00-08P12
1.032-1.109	T00-09P20
1.125-1.187	T00-09P20
1.250-1.562	T00-15P30
1.625-1.687	T00-15P30
1.750-2.375	T00-15P35

SD524

Profondità di foratura ~ 4 x D – Pollici





- Codolo ISO 9766, R7-C
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 302, 303
- Per i diametri intermedi, utilizzare MyDesign
- Per applicazioni statiche

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico
SD524-0625-250-1000R7-C	03080282	0.625	2.500	6.628	2.697	3.878	2.750	1.000	1.378	SPGX0502	SCGX050204
SD524-0687-275-1000R7-C	03080284	0.687	2.750	6.878	2.947	4.128	2.750	1.000	1.378	SCGX0502	SCGX050204
SD524-0750-300-1000R7-C	03080287	0.750	3.000	7.128	3.197	4.378	2.750	1.000	1.378	SPGX0602	SCGX050204
SD524-0812-325-1000R7-C	03080293	0.812	3.250	7.378	3.447	4.628	2.750	1.000	1.378	SPGX0602	SCGX060204
SD524-0875-350-1000R7-C	03080296	0.875	3.500	7.628	3.697	4.878	2.750	1.000	1.378	SPGX0703	SCGX060204
SD524-0937-375-1000R7-C	03080300	0.937	3.750	7.878	3.947	5.128	2.750	1.000	1.378	SPGX0703	SCGX070308
SD524-1000-400-1250R7-C	03080303	1.000	4.000	8.128	4.197	5.378	2.750	1.250	1.654	SPGX0703	SCGX070308
SD524-1062-425-1250R7-C	03080306	1.062	4.250	8.378	4.447	5.628	2.750	1.250	1.654	SPGX0903	SCGX070308
SD524-1125-450-1250R7-C	03080309	1.125	4.500	8.628	4.697	5.878	2.750	1.250	1.654	SPGX0903	SCGX09T308
SD524-1187-475-1250R7-C	03080312	1.187	4.750	8.878	4.947	6.128	2.750	1.250	1.654	SPGX0903	SCGX09T308
SD524-1250-500-1500R7-C	03080313	1.250	5.000	9.128	5.197	6.378	2.750	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1312-525-1500R7-C	03080316	1.312	5.250	9.378	5.447	6.628	2.750	1.500	1.969	SPGX11T3	SCGX09T308
SD524-1375-550-1500R7-C	03080319	1.375	5.500	9.628	5.697	6.878	2.750	1.500	1.969	SPGX11T3	SCGX11T308
SD524-1500-600-1500R7-C	03080321	1.500	6.000	10.128	6.197	7.378	2.750	1.500	1.969	SPGX12T3	SCGX11T308
SD524-1750-700-1500R7-C	03080329	1.750	7.000	11.128	7.197	8.378	2.750	1.500	1.969	SPGX1504	SCGX120408
SD524-2000-800-1500R7-C	03080338	2.000	8.000	12.128	8.197	9.378	2.750	1.500	2.337	SPGX1504	SCGX150512
SD524-2125-850-1500R7-C	03080343	2.125	8.500	12.628	8.697	9.878	2.750	1.500	2.337	SPGX1904	SCGX150512
SD524-2250-900-1500R7-C	03080347	2.250	9.000	13.128	9.197	10.378	2.750	1.500	2.337	SPGX1904	SCGX150512
SD524-2375-950-1500R7-C	03080350	2.375	9.500	13.628	9.697	10.878	2.750	1.500	2.480	SPGX1904	SCGX150512

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave	Grano
				
0.625-0.687	C02245-T07P	C02245-T07P	T07P-2	R1/4
0.750	C02205-T07P	C02245-T07P	T07P-2	R1/4
0.812	C02205-T07P	C02205-T07P	T07P-2	R1/4
0.875	C02506-T08P	C02506-T08P	T08P-2	R1/4
0.937-1.000	C02507-T08P	C03007-T08P	T08P-2	R1/4
1.062	C03007-T09P	C03007-T09P	T09P-2	R1/4
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2	R1/4
1.250-1.500	C03508-T15P	C03508-T15P	T15P-2D	R1/4
1.750-2.375	C04011-T15P	C05012-T15P	T15P-2D	R1/4

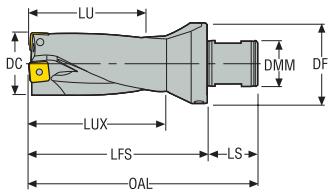
Accessori

Connettore refrigerante	Chiave dinamometrica
	
1310	T00-07P09
1310	T00-07P09
1310	T00-07P09
1310	T00-08P12
1310	T00-08P12
1310	T00-09P20
1310	T00-09P20
1310	T00-15P30
1310	T00-15P35

SD524

Profondità di foratura ~ 4 x D – Misure metriche/Pollici





- Codolo compatibile ABS 50, -2
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 302, 303
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-17-68-50R2	03080208	17,0 *0.669*	68,0 *2.677*	129,0 *5.079*	73,0 *2.874*	98,0 *3.858*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0502	SCGX050204
SD524-17.5-70-50R2	03080327	17,5 *0.689*	70,0 *2.756*	131,0 *5.157*	75,0 *2.953*	100,0 *3.937*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18-72-50R2	03080209	18,0 *0.709*	72,0 *2.835*	133,0 *5.236*	77,0 *3.031*	102,0 *4.016*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18.5-74-50R2	03080210	18,5 *0.728*	74,0 *2.913*	135,0 *5.315*	79,0 *3.110*	104,0 *4.094*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-19-76-50R2	03080422	19,0 *0.748*	76,0 *2.992*	137,0 *5.394*	81,0 *3.189*	106,0 *4.173*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-20-80-50R2	03080341	20,0 *0.787*	80,0 *3.150*	141,0 *5.551*	85,0 *3.346*	110,0 *4.331*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-20.62-83-50R2	03080215	20,62 *0.812*	83,0 *3.268*	144,0 *5.669*	88,0 *3.465*	113,0 *4.449*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-21-84-50R2	03080345	21,0 *0.827*	84,0 *3.307*	145,0 *5.709*	89,0 *3.504*	114,0 *4.488*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-22-88-50R2	03080193	22,0 *0.866*	88,0 *3.465*	149,0 *5.866*	93,0 *3.661*	118,0 *4.646*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-22.23-89-50R2	03080216	22,23 *0.875*	89,0 *3.504*	150,0 *5.906*	94,0 *3.701*	119,0 *4.685*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-23-92-50R2	03080194	23,0 *0.906*	92,0 *3.622*	153,0 *6.024*	97,0 *3.819*	122,0 *4.803*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-24-96-50R2	03080195	24,0 *0.945*	96,0 *3.780*	157,0 *6.181*	101,0 *3.976*	126,0 *4.961*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25-100-50R2	03080196	25,0 *0.984*	100,0 *3.937*	161,0 *6.339*	105,0 *4.134*	130,0 *5.118*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25.4-102-50R2	03080217	25,4 *1.000*	102,0 *4.016*	163,0 *6.417*	107,0 *4.213*	132,0 *5.197*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-26-104-50R2	03080423	26,0 *1.024*	104,0 *4.094*	165,0 *6.496*	109,0 *4.291*	134,0 *5.276*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-27-108-50R2	03080197	27,0 *1.063*	108,0 *4.252*	169,0 *6.654*	113,0 *4.449*	138,0 *5.433*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28-112-50R2	03080424	28,0 *1.102*	112,0 *4.409*	173,0 *6.811*	117,0 *4.606*	142,0 *5.591*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28.59-115-50R2	03080218	28,59 *1.126*	115,0 *4.528*	176,0 *6.929*	120,0 *4.724*	145,0 *5.709*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-29-116-50R2	03080198	29,0 *1.142*	116,0 *4.567*	177,0 *6.969*	121,0 *4.764*	146,0 *5.748*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-30-120-50R2	03080199	30,0 *1.181*	120,0 *4.724*	181,0 *7.126*	125,0 *4.921*	150,0 *5.906*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31-124-50R2	03080200	31,0 *1.220*	124,0 *4.882*	185,0 *7.283*	129,0 *5.079*	154,0 *6.063*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31.75-127-50R2	03080359	31,75 *1.250*	127,0 *5.000*	188,0 *7.402*	132,0 *5.197*	157,0 *6.181*	31,0 *1.220*	50,0 *1.969*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-32-128-50R2	03080425	32,0 *1.260*	128,0 *5.039*	189,0 *7.441*	133,0 *5.236*	158,0 *6.220*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-33-132-50R2	03080201	33,0 *1.299*	132,0 *5.197*	193,0 *7.598*	137,0 *5.394*	162,0 *6.378*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-34-136-50R2	03080207	34,0 *1.339*	136,0 *5.354*	197,0 *7.756*	141,0 *5.551*	166,0 *6.535*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX09T308

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-35-140-50R2	03080202	35,0 *1.378*	140,0 *5.512*	201,0 *7.913*	145,0 *5.709*	170,0 *6.693*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-36-144-50R2	03080203	36,0 *1.417*	144,0 *5.669*	205,0 *8.071*	149,0 *5.866*	174,0 *6.850*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-37-148-50R2	03080204	37,0 *1.457*	148,0 *5.827*	209,0 *8.228*	153,0 *6.024*	178,0 *7.008*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-38-152-50R2	03080426	38,0 *1.496*	152,0 *5.984*	213,0 *8.386*	157,0 *6.181*	182,0 *7.165*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-39-156-50R2	03080205	39,0 *1.535*	156,0 *6.142*	217,0 *8.543*	161,0 *6.339*	186,0 *7.323*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-40-160-50R2	03080206	40,0 *1.575*	160,0 *6.299*	221,0 *8.701*	165,0 *6.496*	190,0 *7.480*	31,0 *1.220*	28,0 *1.102*	50,0 *1.969*	SPGX12T3	SCGX11T308

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

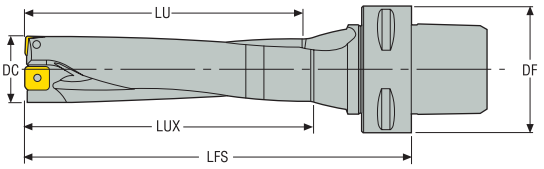
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD524

Profondità di foratura ~ 4 x D – Misure metriche/Pollici





–Codolo C4 Seco-Capto™
–Adduzione refrigerante interna
–Per le informazioni sugli inserti, vedere pagina(e) 294-297
–Per i parametri di taglio raccomandati, vedere pagina(e) 302, 303
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-17-68-C4	03080219	17,0 *0.669*	68,0 *2.677*	73,0 *2.874*	106,0 *4.173*	40,0 *1.575*	SPGX0502	SCGX050204
SD524-17.5-70-C4	03080220	17,5 *0.689*	70,0 *2.756*	75,0 *2.953*	109,0 *4.291*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-18-72-C4	03080221	18,0 *0.709*	72,0 *2.835*	77,0 *3.031*	111,0 *4.370*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-18.5-74-C4	03080222	18,5 *0.728*	74,0 *2.913*	79,0 *3.110*	113,0 *4.449*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-19-76-C4	03080223	19,0 *0.748*	76,0 *2.992*	81,0 *3.189*	115,0 *4.528*	40,0 *1.575*	SPGX0602	SCGX050204
SD524-20-80-C4	03080224	20,0 *0.787*	80,0 *3.150*	85,0 *3.346*	121,0 *4.764*	40,0 *1.575*	SPGX0602	SCGX060204
SD524-20.62-83-C4	03080413	20,62 *0.812*	83,0 *3.268*	88,0 *3.465*	124,0 *4.882*	40,0 *1.575*	SPGX0602	SCGX060204
SD524-21-84-C4	03080225	21,0 *0.827*	84,0 *3.307*	89,0 *3.504*	125,0 *4.921*	40,0 *1.575*	SPGX0602	SCGX060204
SD524-22-88-C4	03080226	22,0 *0.866*	88,0 *3.465*	93,0 *3.661*	129,0 *5.079*	40,0 *1.575*	SPGX0703	SCGX060204
SD524-22.23-89-C4	03080414	22,23 *0.875*	89,0 *3.504*	94,0 *3.701*	130,0 *5.118*	40,0 *1.575*	SPGX0703	SCGX060204
SD524-23-92-C4	03080227	23,0 *0.906*	92,0 *3.622*	97,0 *3.819*	134,0 *5.276*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-24-96-C4	03080228	24,0 *0.945*	96,0 *3.780*	101,0 *3.976*	139,0 *5.472*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-25-100-C4	03080229	25,0 *0.984*	100,0 *3.937*	105,0 *4.134*	144,0 *5.669*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-25.4-102-C4	03080415	25,4 *1.000*	102,0 *4.016*	107,0 *4.213*	146,0 *5.748*	40,0 *1.575*	SPGX0703	SCGX070308
SD524-26-104-C4	03080230	26,0 *1.024*	104,0 *4.094*	109,0 *4.291*	148,0 *5.827*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-27-108-C4	03080231	27,0 *1.063*	108,0 *4.252*	113,0 *4.449*	152,0 *5.984*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-28-112-C4	03080232	28,0 *1.102*	112,0 *4.409*	117,0 *4.606*	157,0 *6.181*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-28.59-115-C4	03080416	28,59 *1.126*	115,0 *4.528*	120,0 *4.724*	160,0 *6.299*	40,0 *1.575*	SPGX0903	SCGX070308
SD524-29-116-C4	03080233	29,0 *1.142*	116,0 *4.567*	121,0 *4.764*	161,0 *6.339*	40,0 *1.575*	SPGX0903	SCGX09T308
SD524-30-120-C4	03080234	30,0 *1.181*	120,0 *4.724*	125,0 *4.921*	165,0 *6.496*	40,0 *1.575*	SPGX0903	SCGX09T308

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-30,00	C03007-T09P	C03009-T09P	T09P-2

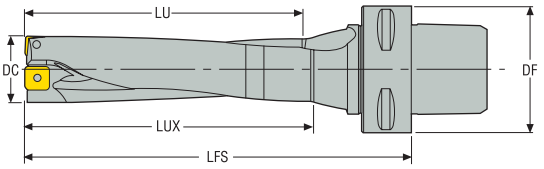
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-30,00	T00-09P20

SD524

Profondità di foratura ~ 4 x D – Misure metriche/Pollici





–Codolo C5 Seco-Capto™
–Adduzione refrigerante interna
–Per le informazioni sugli inserti, vedere pagina(e) 294-297
–Per i parametri di taglio raccomandati, vedere pagina(e) 302, 303
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-17-68-C5	03080235	17,0 *0.669*	68,0 *2.677*	73,0 *2.874*	106,0 *4.173*	50,0 *1.969*	SPGX0502	SCGX050204
SD524-17.5-70-C5	03080237	17,5 *0.689*	70,0 *2.756*	75,0 *2.953*	109,0 *4.291*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18-72-C5	03080238	18,0 *0.709*	72,0 *2.835*	77,0 *3.031*	111,0 *4.370*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-18.5-74-C5	03080239	18,5 *0.728*	74,0 *2.913*	79,0 *3.110*	113,0 *4.449*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-19-76-C5	03080240	19,0 *0.748*	76,0 *2.992*	81,0 *3.189*	115,0 *4.528*	50,0 *1.969*	SPGX0602	SCGX050204
SD524-20-80-C5	03080241	20,0 *0.787*	80,0 *3.150*	85,0 *3.346*	121,0 *4.764*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-20.62-83-C5	03080408	20,62 *0.812*	83,0 *3.268*	88,0 *3.465*	124,0 *4.882*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-21-84-C5	03080242	21,0 *0.827*	84,0 *3.307*	89,0 *3.504*	125,0 *4.921*	50,0 *1.969*	SPGX0602	SCGX060204
SD524-22-88-C5	03080243	22,0 *0.866*	88,0 *3.465*	93,0 *3.661*	129,0 *5.079*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-22.23-89-C5	03080409	22,23 *0.875*	89,0 *3.504*	94,0 *3.701*	130,0 *5.118*	50,0 *1.969*	SPGX0703	SCGX060204
SD524-23-92-C5	03080244	23,0 *0.906*	92,0 *3.622*	97,0 *3.819*	134,0 *5.276*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-24-96-C5	03080245	24,0 *0.945*	96,0 *3.780*	101,0 *3.976*	139,0 *5.472*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25-100-C5	03080246	25,0 *0.984*	100,0 *3.937*	105,0 *4.134*	144,0 *5.669*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-25.4-102-C5	03080410	25,4 *1.000*	102,0 *4.016*	107,0 *4.213*	146,0 *5.748*	50,0 *1.969*	SPGX0703	SCGX070308
SD524-26-104-C5	03080247	26,0 *1.024*	104,0 *4.094*	109,0 *4.291*	148,0 *5.827*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-27-108-C5	03080248	27,0 *1.063*	108,0 *4.252*	113,0 *4.449*	152,0 *5.984*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28-112-C5	03080249	28,0 *1.102*	112,0 *4.409*	117,0 *4.606*	157,0 *6.181*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-28.59-115-C5	03080411	28,59 *1.126*	115,0 *4.528*	120,0 *4.724*	160,0 *6.299*	50,0 *1.969*	SPGX0903	SCGX070308
SD524-29-116-C5	03080250	29,0 *1.142*	116,0 *4.567*	121,0 *4.764*	161,0 *6.339*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-30-120-C5	03080251	30,0 *1.181*	120,0 *4.724*	125,0 *4.921*	165,0 *6.496*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31-124-C5	03080252	31,0 *1.220*	124,0 *4.882*	129,0 *5.079*	169,0 *6.654*	50,0 *1.969*	SPGX0903	SCGX09T308
SD524-31.75-127-C5	03080412	31,75 *1.250*	127,0 *5.000*	132,0 *5.197*	173,0 *6.811*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-32-128-C5	03080253	32,0 *1.260*	128,0 *5.039*	133,0 *5.236*	174,0 *6.850*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-33-132-C5	03080254	33,0 *1.299*	132,0 *5.197*	137,0 *5.394*	178,0 *7.008*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD524-34-136-C5	03080255	34,0 *1.339*	136,0 *5.354*	141,0 *5.551*	182,0 *7.165*	50,0 *1.969*	SPGX11T3	SCGX09T308

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-35-140-C5	03080256	35,0 *1.378*	140,0 *5.512*	145,0 *5.709*	186,0 *7.323*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-36-144-C5	03080257	36,0 *1.417*	144,0 *5.669*	149,0 *5.866*	190,0 *7.480*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-37-148-C5	03080258	37,0 *1.457*	148,0 *5.827*	153,0 *6.024*	194,0 *7.638*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD524-38-152-C5	03080259	38,0 *1.496*	152,0 *5.984*	157,0 *6.181*	198,0 *7.795*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-39-156-C5	03080260	39,0 *1.535*	156,0 *6.142*	161,0 *6.339*	202,0 *7.953*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD524-40-160-C5	03080261	40,0 *1.575*	160,0 *6.299*	165,0 *6.496*	206,0 *8.110*	50,0 *1.969*	SPGX12T3	SCGX11T308

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

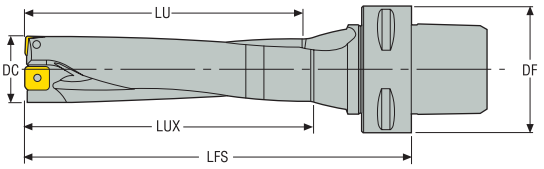
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD524

Profondità di foratura ~ 4 x D – Misure metriche/Pollici





–Codolo C6 Seco-Capto™
–Adduzione refrigerante interna
–Per le informazioni sugli inserti, vedere pagina(e) 294-297
–Per i parametri di taglio raccomandati, vedere pagina(e) 302, 303
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-17-68-C6	03080262	17,0 *0.669*	68,0 *2.677*	73,0 *2.874*	108,0 *4.252*	63,0 *2.480*	SPGX0502	SCGX050204
SD524-17.5-70-C6	03080263	17,5 *0.689*	70,0 *2.756*	75,0 *2.953*	111,0 *4.370*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-18-72-C6	03080265	18,0 *0.709*	72,0 *2.835*	77,0 *3.031*	113,0 *4.449*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-18.5-74-C6	03080266	18,5 *0.728*	74,0 *2.913*	79,0 *3.110*	115,0 *4.528*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-19-76-C6	03080267	19,0 *0.748*	76,0 *2.992*	81,0 *3.189*	117,0 *4.606*	63,0 *2.480*	SPGX0602	SCGX050204
SD524-20-80-C6	03080268	20,0 *0.787*	80,0 *3.150*	85,0 *3.346*	123,0 *4.843*	63,0 *2.480*	SPGX0602	SCGX060204
SD524-20.62-83-C6	03080417	20,62 *0.812*	83,0 *3.268*	88,0 *3.465*	126,0 *4.961*	63,0 *2.480*	SPGX0602	SCGX060204
SD524-21-84-C6	03080269	21,0 *0.827*	84,0 *3.307*	89,0 *3.504*	127,0 *5.000*	63,0 *2.480*	SPGX0602	SCGX060204
SD524-22-88-C6	03080270	22,0 *0.866*	88,0 *3.465*	93,0 *3.661*	131,0 *5.157*	63,0 *2.480*	SPGX0703	SCGX060204
SD524-22.23-89-C6	03080418	22,23 *0.875*	89,0 *3.504*	94,0 *3.701*	132,0 *5.197*	63,0 *2.480*	SPGX0703	SCGX060204
SD524-23-92-C6	03080271	23,0 *0.906*	92,0 *3.622*	97,0 *3.819*	136,0 *5.354*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-24-96-C6	03080272	24,0 *0.945*	96,0 *3.780*	101,0 *3.976*	141,0 *5.551*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-25-100-C6	03080392	25,0 *0.984*	100,0 *3.937*	105,0 *4.134*	146,0 *5.748*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-25.4-102-C6	03080419	25,4 *1.000*	102,0 *4.016*	107,0 *4.213*	148,0 *5.827*	63,0 *2.480*	SPGX0703	SCGX070308
SD524-26-104-C6	03080393	26,0 *1.024*	104,0 *4.094*	109,0 *4.291*	150,0 *5.906*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-27-108-C6	03080394	27,0 *1.063*	108,0 *4.252*	113,0 *4.449*	154,0 *6.063*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-28-112-C6	03080395	28,0 *1.102*	112,0 *4.409*	117,0 *4.606*	159,0 *6.260*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-28.59-115-C6	03080420	28,59 *1.126*	115,0 *4.528*	120,0 *4.724*	162,0 *6.378*	63,0 *2.480*	SPGX0903	SCGX070308
SD524-29-116-C6	03080396	29,0 *1.142*	116,0 *4.567*	121,0 *4.764*	163,0 *6.417*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-30-120-C6	03080397	30,0 *1.181*	120,0 *4.724*	125,0 *4.921*	167,0 *6.575*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-31-124-C6	03080398	31,0 *1.220*	124,0 *4.882*	129,0 *5.079*	171,0 *6.732*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-31.75-127-C6	03080421	31,75 *1.250*	127,0 *5.000*	132,0 *5.197*	175,0 *6.890*	63,0 *2.480*	SPGX0903	SCGX09T308
SD524-32-128-C6	03080399	32,0 *1.260*	128,0 *5.039*	133,0 *5.236*	176,0 *6.929*	63,0 *2.480*	SPGX11T3	SCGX09T308
SD524-33-132-C6	03080400	33,0 *1.299*	132,0 *5.197*	137,0 *5.394*	180,0 *7.087*	63,0 *2.480*	SPGX11T3	SCGX09T308
SD524-34-136-C6	03080401	34,0 *1.339*	136,0 *5.354*	141,0 *5.551*	184,0 *7.244*	63,0 *2.480*	SPGX11T3	SCGX09T308

Codice di ordinazione	Codice prodotto	DC	LU	LUX	LFS	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD524-35-140-C6	03080402	35,0 *1.378*	140,0 *5.512*	145,0 *5.709*	188,0 *7.402*	63,0 *2.480*	SPGX11T3	SCGX11T308
SD524-36-144-C6	03080403	36,0 *1.417*	144,0 *5.669*	149,0 *5.866*	192,0 *7.559*	63,0 *2.480*	SPGX11T3	SCGX11T308
SD524-37-148-C6	03080404	37,0 *1.457*	148,0 *5.827*	153,0 *6.024*	196,0 *7.717*	63,0 *2.480*	SPGX11T3	SCGX11T308
SD524-38-152-C6	03080405	38,0 *1.496*	152,0 *5.984*	157,0 *6.181*	200,0 *7.874*	63,0 *2.480*	SPGX12T3	SCGX11T308
SD524-39-156-C6	03080406	39,0 *1.535*	156,0 *6.142*	161,0 *6.339*	204,0 *8.031*	63,0 *2.480*	SPGX12T3	SCGX11T308
SD524-40-160-C6	03080407	40,0 *1.575*	160,0 *6.299*	165,0 *6.496*	208,0 *8.189*	63,0 *2.480*	SPGX12T3	SCGX11T308

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
17,00	C02245-T07P	C02245-T07P	T07P-2
17,50-19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00-22,23	C02506-T08P	C02506-T08P	T08P-2
23,00-25,40	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
28,59-31,00	C03007-T09P	C03009-T09P	T09P-2
31,75-40,00	C03508-T15P	C03508-T15P	T15P-2D

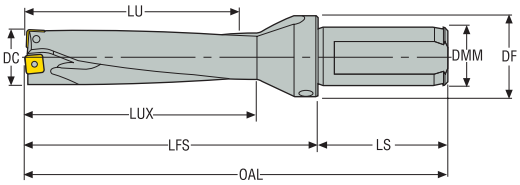
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
17,00	T00-07P09
17,50-19,00	T00-07P09
20,00-21,00	T00-07P09
22,00-22,23	T00-08P12
23,00-25,40	T00-08P12
26,00-28,00	T00-09P20
28,59-31,00	T00-09P20
31,75-40,00	T00-15P30

SD525

Profondità di foratura ~ 5 x D – Misure metriche/Pollici





- Codolo ISO 9766, -7
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 304, 305
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD525-19-95-25R7	03079580	19,0 *0.748*	95,0 *3.740*	181,0 *7.126*	100,0 *3.937*	125,0 *4.921*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX050204
SD525-20-100-25R7	03079582	20,0 *0.787*	100,0 *3.937*	186,0 *7.323*	105,0 *4.134*	130,0 *5.118*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD525-21-105-25R7	03079583	21,0 *0.827*	105,0 *4.134*	191,0 *7.520*	110,0 *4.331*	135,0 *5.315*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0602	SCGX060204
SD525-22-110-25R7	03079584	22,0 *0.866*	110,0 *4.331*	196,0 *7.717*	115,0 *4.528*	140,0 *5.512*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX060204
SD525-23-115-25R7	03079585	23,0 *0.906*	115,0 *4.528*	201,0 *7.913*	120,0 *4.724*	145,0 *5.709*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD525-24-120-25R7	03079586	24,0 *0.945*	120,0 *4.724*	206,0 *8.110*	125,0 *4.921*	150,0 *5.906*	56,0 *2.205*	25,0 *0.984*	35,0 *1.378*	SPGX0703	SCGX070308
SD525-25-125-32R7	03079587	25,0 *0.984*	125,0 *4.921*	215,0 *8.465*	130,0 *5.118*	155,0 *6.102*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0703	SCGX070308
SD525-26-130-32R7	03079588	26,0 *1.024*	130,0 *5.118*	220,0 *8.661*	135,0 *5.315*	160,0 *6.299*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD525-27-135-32R7	03079589	27,0 *1.063*	135,0 *5.315*	225,0 *8.858*	140,0 *5.512*	165,0 *6.496*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD525-28-140-32R7	03079590	28,0 *1.102*	140,0 *5.512*	230,0 *9.055*	145,0 *5.709*	170,0 *6.693*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX070308
SD525-29-145-32R7	03079591	29,0 *1.142*	145,0 *5.709*	235,0 *9.252*	150,0 *5.906*	175,0 *6.890*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD525-30-150-32R7	03079592	30,0 *1.181*	150,0 *5.906*	240,0 *9.449*	155,0 *6.102*	180,0 *7.087*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD525-31-155-32R7	03079593	31,0 *1.220*	155,0 *6.102*	245,0 *9.646*	160,0 *6.299*	185,0 *7.283*	60,0 *2.362*	32,0 *1.260*	42,0 *1.654*	SPGX0903	SCGX09T308
SD525-32-160-40R7	03079595	32,0 *1.260*	160,0 *6.299*	258,0 *10.157*	165,0 *6.496*	190,0 *7.480*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD525-33-165-40R7	03079596	33,0 *1.299*	165,0 *6.496*	263,0 *10.354*	170,0 *6.693*	195,0 *7.677*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD525-34-170-40R7	03079597	34,0 *1.339*	170,0 *6.693*	268,0 *10.551*	175,0 *6.890*	200,0 *7.874*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX09T308
SD525-35-175-40R7	03079598	35,0 *1.378*	175,0 *6.890*	273,0 *10.748*	180,0 *7.087*	205,0 *8.071*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD525-36-180-40R7	03079599	36,0 *1.417*	180,0 *7.087*	278,0 *10.945*	185,0 *7.283*	210,0 *8.268*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD525-37-185-40R7	03079600	37,0 *1.457*	185,0 *7.283*	283,0 *11.142*	190,0 *7.480*	215,0 *8.465*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX11T3	SCGX11T308
SD525-38-190-40R7	03079601	38,0 *1.496*	190,0 *7.480*	288,0 *11.339*	195,0 *7.677*	220,0 *8.661*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD525-39-195-40R7	03079602	39,0 *1.535*	195,0 *7.677*	293,0 *11.535*	200,0 *7.874*	225,0 *8.858*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD525-40-200-40R7	03079603	40,0 *1.575*	200,0 *7.874*	298,0 *11.732*	205,0 *8.071*	230,0 *9.055*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX11T308
SD525-41-205-40R7	03079604	41,0 *1.614*	205,0 *8.071*	303,0 *11.929*	210,0 *8.268*	235,0 *9.252*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD525-42-210-40R7	03079605	42,0 *1.654*	210,0 *8.268*	308,0 *12.126*	215,0 *8.465*	240,0 *9.449*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408
SD525-43-215-40R7	03079606	43,0 *1.693*	215,0 *8.465*	313,0 *12.323*	220,0 *8.661*	245,0 *9.646*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX12T3	SCGX120408

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	Inserto centrale	Inserto periferico
SD525-44-220-40R7	03079607	44,0 *1.732*	220,0 *8.661*	318,0 *12.520*	225,0 *8.858*	250,0 *9.843*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX120408
SD525-45-225-40R7	03079608	45,0 *1.772*	225,0 *8.858*	323,0 *12.717*	230,0 *9.055*	255,0 *10.039*	68,0 *2.677*	40,0 *1.575*	50,0 *1.969*	SPGX1504	SCGX150512

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
19,00	C02205-T07P	C02245-T07P	T07P-2
20,00-21,00	C02205-T07P	C02205-T07P	T07P-2
22,00	C02506-T08P	C02506-T08P	T08P-2
23,00-25,00	C02507-T08P	C03007-T08P	T08P-2
26,00-28,00	C03007-T09P	C03007-T09P	T09P-2
29,00-31,00	C03007-T09P	C03009-T09P	T09P-2
32,00-40,00	C03508-T15P	C03508-T15P	T15P-2D
41,00-42,00	C03508-T15P	C05012-T15P	T15P-2D
43,00-45,00	C04011-T15P	C05012-T15P	T15P-2D

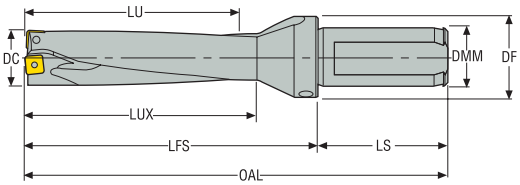
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
19,00	T00-07P09
20,00-21,00	T00-07P09
22,00	T00-08P12
23,00-25,00	T00-08P12
26,00-28,00	T00-09P20
29,00-31,00	T00-09P20
32,00-40,00	T00-15P30
41,00-42,00	T00-15P30
43,00-45,00	T00-15P35

SD525

Profondità di foratura ~ 5 x D – Pollici





—Codolo ISO 9766, -7
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 304, 305
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico
SD525-0750-375-1000R7	03079565	0.750	3.750	7.181	3.947	4.931	2.250	1.000	1.378	SPGX0602	SCGX050204
SD525-0812-406-1000R7	03079566	0.812	4.060	7.491	4.257	5.241	2.250	1.000	1.378	SPGX0602	SCGX060204
SD525-0875-438-1000R7	03079567	0.875	4.380	7.811	4.577	5.561	2.250	1.000	1.378	SPGX0703	SCGX060204
SD525-0937-469-1000R7	03079568	0.937	4.690	8.121	4.887	5.871	2.250	1.000	1.378	SPGX0703	SCGX070308
SD525-1000-500-1250R7	03079569	1.000	5.000	8.556	5.197	6.181	2.375	1.250	1.654	SPGX0703	SCGX070308
SD525-1062-531-1250R7	03079570	1.062	5.310	8.866	5.507	6.491	2.375	1.250	1.654	SPGX0903	SCGX070308
SD525-1125-563-1250R7	03079571	1.125	5.630	9.186	5.827	6.811	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD525-1187-594-1250R7	03079572	1.187	5.940	9.496	6.137	7.121	2.375	1.250	1.654	SPGX0903	SCGX09T308
SD525-1250-625-1500R7	03079573	1.250	6.250	10.056	6.447	7.431	2.625	1.500	1.969	SPGX11T3	SCGX09T308
SD525-1375-687-1500R7	03079574	1.375	6.870	10.676	7.067	8.051	2.625	1.500	1.969	SPGX11T3	SCGX11T308
SD525-1500-750-1500R7	03079575	1.500	7.500	11.306	7.697	8.681	2.625	1.500	1.969	SPGX12T3	SCGX11T308
SD525-1625-812-1500R7	03079576	1.625	8.120	11.926	8.317	9.301	2.625	1.500	1.969	SPGX12T3	SCGX120408
SD525-1750-875-1500R7	03079577	1.750	8.750	12.556	8.947	9.931	2.625	1.500	1.969	SPGX1504	SCGX120408
SD525-1875-937-1500R7	03079578	1.875	9.370	13.176	9.567	10.551	2.625	1.500	1.969	SPGX1504	SCGX150512
SD525-1937-968-1500R7	03079579	1.937	9.680	13.486	9.877	10.861	2.625	1.500	2.337	SPGX1504	SCGX150512
SD525-2000-1000-1500R7	03079581	2.000	10.000	13.806	10.197	11.181	2.625	1.500	2.337	SPGX1504	SCGX150512

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave
			
0.750	C02205-T07P	C02245-T07P	T07P-2
0.812	C02205-T07P	C02205-T07P	T07P-2
0.875	C02506-T08P	C02506-T08P	T08P-2
0.937-1.000	C02507-T08P	C03007-T08P	T08P-2
1.062	C03007-T09P	C03007-T09P	T09P-2
1.125-1.187	C03007-T09P	C03009-T09P	T09P-2
1.250-1.500	C03508-T15P	C03508-T15P	T15P-2D
1.625	C03508-T15P	C05012-T15P	T15P-2D
1.750-2.000	C04011-T15P	C05012-T15P	T15P-2D

Accessori

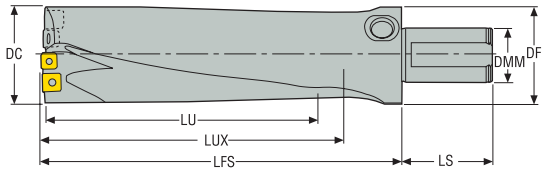
Chiave dinamometrica

T00-07P09
T00-07P09
T00-08P12
T00-08P12
T00-09P20
T00-09P20
T00-15P30
T00-15P30
T00-15P35

SD542

Profondità di foratura ~ 2,5 x D – Misure metriche





—Codolo ISO 9766, -7
—Adduzione refrigerante interna
—Per le informazioni sugli inserti, vedere pagina(e) 294-297
—Per i parametri di taglio raccomandati, vedere pagina(e) 306, 307
—Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		mm	mm	mm	mm	mm	mm	mm	mm	Inserto centrale	Inserto periferico
SD542-60-150-40R7	02590456	60,0	150,0	269,5	156,0	201,5	68,0	40,0	79,0	SPGX0903-C1	SCGX09T308..
SD542-65-162.5-40R7	02590457	65,0	162,5	282,0	169,5	214,0	68,0	40,0	79,0	SPGX11T3-C1	SCGX09T308..
SD542-70-175-40R7	02590458	70,0	175,0	294,5	182,5	226,5	68,0	40,0	79,0	SPGX11T3-C1	SCGX120408..
SD542-75-187.5-50R7	02590459	75,0	187,5	317,0	196,0	239,0	78,0	50,0	79,0	SPGX11T3-C1	SCGX120408..
SD542-80-200-50R7	02590460	80,0	200,0	329,5	210,0	251,5	78,0	50,0	79,0	SPGX12T3-C1	SCGX120408..
SD542-85-212.5-50R7	02590461	85,0	212,5	342,0	221,0	264,0	78,0	50,0	89,0	SPGX12T3-C1	SCGX120408..

Parti di ricambio, comprese nella fornitura

Per punta diametro (mm)	Connettore refrigerante	Chiave per vite inserto	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Vite
					
60,00	R3/8-HA	T09P-2	C03007-T09P	C03009-T09P	R3/8
65,00	R3/8-HA	T15P-2D	C03508-T15P	C03508-T15P	R3/8
70,00-85,00	R3/8-HA	T15P-2D	C03508-T15P	C05012-T15P	R3/8

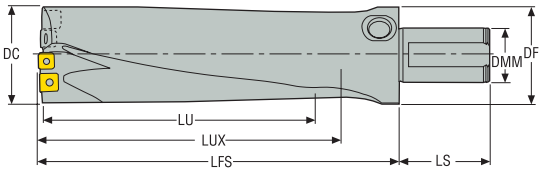
Accessori

Per punta diametro (mm)	Chiave dinamometrica
	
60,00	T00-09P20
65,00	T00-15P30
70,00-85,00	T00-15P30

SD542

Profondità di foratura ~ 2.5 X D – Pollici





- Codolo ISO 9766, -7
- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 306, 307
- Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	DC	LU	OAL	LUX	LFS	LS	DMM	DF	Inserto	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico
SD542-2250-563-1500R7	02602085	2.250	5.630	11.500	5.800	7.000	4.500	1.500	3.110	SPGX 0903-C1	SCGX 09T308..
SD542-2500-625-1500R7	02602087	2.500	6.250	12.780	6.520	8.280	4.500	1.500	3.110	SPGX 0903-C1	SCGX 09T308..
SD542-2750-688-1500R7	02602088	2.750	6.880	13.400	7.190	8.900	4.500	1.500	3.110	SPGX 11T3-C1	SCGX 120408..
SD542-3000-750-2000R7	02602089	3.000	7.500	14.030	7.860	9.530	4.500	2.000	3.110	SPGX 11T3-C1	SCGX 120408..
SD542-3250-813-2500R7	02602090	3.250	8.130	14.650	8.460	10.150	4.500	2.500	3.500	SPGX 12T3-C1	SCGX 120408..
SD542-3500-875-2500R7	02602091	3.500	8.750	15.280	9.140	10.780	4.500	2.500	3.500	SPGX 1504-C1	SCGX 120408..

Parti di ricambio, comprese nella fornitura

Per punta diametro (pollici)	Connettore refrigerante	Chiave per vite inserto	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Vite
					
2.250-2.500	R3/8-HA	T09P-2	C03007-T09P	C03009-T09P	R3/8
2.750-3.250	R3/8-HA	T15P-2D	C03508-T15P	C05012-T15P	R3/8
3.500	R3/8-HA	T15P-2D	C04011-T15P	C05012-T15P	R3/8

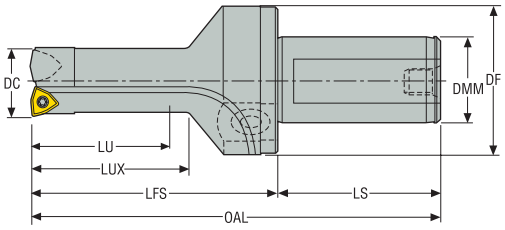
Accessori

Per punta diametro (pollici)	Chiave dinamometrica
	
2.250-2.500	T00-09P20
2.750-3.250	T00-15P30
3.500	T00-15P30

SD572

Profondità di foratura ~ 2 x D – Misure metriche





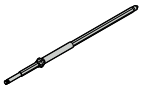
–Codolo ISO 9766, -7
–Adduzione refrigerante interna
–Per le informazioni sugli inserti, vedere pagina(e) 294-297
–Per i parametri di taglio raccomandati, vedere pagina(e) 308-309
–Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	Diam. foro min-max	DC	LU	LUX	LFS	LS	DMM	DF	Inserto	
		mm	mm	mm	mm	mm	mm	mm	mm	Inserto centrale	Inserto periferico
SD572-15-30-25R7	02595777	14,8 -18	15,0	30,0	35,0	65,0	56,0	25,0	42,0	WCMX030208-86	WCMX030208..
SD572-16-32-25R7	02595778	15,8 -18	16,0	32,0	37,0	67,0	56,0	25,0	42,0	WCMX030208-86	WCMX030208..
SD572-17-34-25R7	02595779	16,8 -19	17,0	34,0	39,0	69,0	56,0	25,0	42,0	WCMX030208-86	WCMX030208..
SD572-19-38-25R7	02595780	18,8 -22	19,0	38,0	43,0	73,0	56,0	25,0	42,0	WCMX040208-86	WCMX030208..
SD572-22-44-25R7	02595781	21,8 -27	22,0	44,0	49,0	79,0	56,0	25,0	42,0	WCMX050308-86	WCMX040208..
SD572-27-54-32R7	02595783	26,8 -33	27,0	54,0	59,0	89,0	60,0	32,0	50,0	WCMX06T308-86	WCMX050308..
SD572-33-66-40R7	02595784	32,8 -41	33,0	66,0	71,0	101,0	68,0	40,0	59,0	WCMX080412-86	WCMX06T308..
SD572-41-82-40R7	02595785	40,8 -47	41,0	82,0	87,0	117,0	68,0	40,0	59,0	WCMX080412-86	WCMX080412..
SD572-47-94-40R7	02595786	46,8 -52	47,0	94,0	99,0	129,0	68,0	40,0	59,0	WCMX080412-86	WCMX080412..

Parti di ricambio, comprese nella fornitura

Designation	Connettore refrigerante	Chiave per vite inserto	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave (a bandiera)	Vite
SD572-15-30-25R7	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-16-32-25R7	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-17-34-25R7	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-19-38-25R7	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-22-44-25R7	1310	T08P-2	C02506-T08P	C03007-T08P	–	R1/4
SD572-27-54-32R7	1310	T08P-2	C03508-T15P	C03007-T08P	T15P-2D	R1/4
SD572-33-66-40R7	1310	T15P-2D	C03508-T15	C03508-T15P	–	R1/4
SD572-41-82-40R7	1310	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4
SD572-47-94-40R7	1310	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4

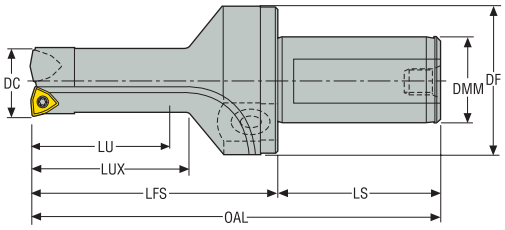
Accessori

Designation	Coppia di serraggio	Bit	Chiave dinamometrica
			
SD572-15-30-25R7	0,9 Nm	–	T00-07P09
SD572-16-32-25R7	0,9 Nm	–	T00-07P09
SD572-17-34-25R7	0,9 Nm	–	T00-07P09
SD572-19-38-25R7	0,9 Nm	–	T00-07P09
SD572-22-44-25R7	1.2 Nm	–	T00-08P12
SD572-27-54-32R7	2.0 Nm	T00-15P	T00-15P30
SD572-33-66-40R7	3.0 Nm	–	T00-15P30
SD572-41-82-40R7	3.0 Nm	–	T00-15P30
SD572-47-94-40R7	3.0 Nm	–	T00-15P30

SD572

Profondità di foratura ~ 2 x D – Pollici





– Codolo ISO 9766, -7
– Adduzione refrigerante interna
– Per le informazioni sugli inserti, vedere pagina(e) 294-297
– Per i parametri di taglio raccomandati, vedere pagina(e) 308-309
– Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	Diam. foro min-max	DC	LU	LUX	LFS	DF	Inserto	
		Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	Inserto centrale	Inserto periferico
SD572-0591-118-1000R7	02602128	0.591-0.709	*0.591*	*1.182*	*1.379*	*2.56*	*1.775*	WCMX030208-86	WCMX 030208..
SD572-0669-134-1000R7	02602129	0.669-0.748	*0.669*	*1.338*	*1.535*	*2.716*	*1.775*	WCMX030208-86	WCMX 030208..
SD572-0748-150-1000R7	02602131	0.748-0.866	*0.748*	*1.496*	*1.69*	*2.874*	*1.775*	WCMX040208-86	WCMX 030208..
SD572-0866-173-1000R7	02602132	0.866-1.062	*0.866*	*1.732*	*1.929*	*3.11*	*1.775*	WCMX050308-86	WCMX 040208..
SD572-1062-212-1250R7	02602133	1.062-1.299	*1.062*	*2.124*	*2.321*	*3.502*	*2.165*	WCMX06T308-86	WCMX 050308..
SD572-1299-260-1500R7	02602134	1.299-1.614	*1.299*	*2.598*	*2.795*	*3.976*	*2.303*	WCMX080412-86	WCMX 06T308..
SD572-1614-322-1500R7	02602135	1.614-1.850	*1.614*	*3.228*	*3.425*	*4.606*	*2.303*	WCMX080412-86	WCMX 080412..
SD572-1850-370-1500R7	02602136	1.850-2.047	*1.85*	*3.7*	*3.7*	*5.078*	*2.303*	WCMX080412-86	WCMX 080412..

Parti di ricambio, comprese nella fornitura

Designation	Connettore refrigerante	Chiave per vite inserto	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave (a bandiera)	Vite
						
SD572-0591-118-1000R7	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-0669-134-1000R7	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-0748-150-1000R7	1310	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-0866-173-1000R7	1310	T08P-2	C02506-T08P	C03007-T08P	–	R1/4
SD572-1062-212-1250R7	1310	T08P-2	C03508-T15P	C03007-T08P	T15P-2D	R1/4
SD572-1299-260-1500R7	1310	T15P-2D	C03508-T15P	C03508-T15P	–	R1/4
SD572-1614-322-1500R7	1310	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4
SD572-1850-370-1500R7	1310	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4

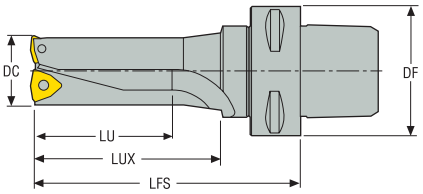
Accessori

Designation	Per punta diametro (pollici)	Coppia di serraggio	Bit	Chiave dinamometrica
				
SD572-0591-118-1000R7	0.591-0.811-0591	0.9 Nm	–	T00-07P09
SD572-0669-134-1000R7	0.591-0.811-0669	0.9 Nm	–	T00-07P09
SD572-0748-150-1000R7	0.591-0.811-0748	0.9 Nm	–	T00-07P09
SD572-0866-173-1000R7	0.811-0.968-0866	1.2 Nm	–	T00-08P12
SD572-1062-212-1250R7	0.969-1.283-1062	2.0 Nm	T00-15P	T00-15P30
SD572-1299-260-1500R7	1.284-1.440-1299	3.0 Nm	–	T00-15P30
SD572-1614-322-1500R7	1.441-2.323-1614	3.0 Nm	–	T00-15P30
SD572-1850-370-1500R7	1.441-2.323-1850	3.0 Nm	–	T00-15P30

SD572

Profondità di foratura ~ 2 x D – Misure metriche





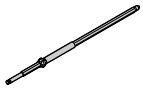
– Codolo C5 Seco-Capto™
– Adduzione refrigerante interna
– Per le informazioni sugli inserti, vedere pagina(e) 294-297
– Per i parametri di taglio raccomandati, vedere pagina(e) 308-309
– Per i diametri intermedi, utilizzare MyDesign

Codice di ordinazione	Codice prodotto	Diam. foro min-max	DC	LU	LUX	LFS	DF	Inserto	
		mm	mm	mm	mm	mm	mm	Inserto centrale	Inserto periferico
SD572-15-30-C5	02595831	14,8 -18	15,0	30,0	35,0	85,0	50,0	WCMX030208-86	WCMX030208..
SD572-16-32-C5	02595832	15,8 -18	16,0	32,0	37,0	87,0	50,0	WCMX030208-86	WCMX030208..
SD572-17-34-C5	02595833	16,8 -19	17,0	34,0	39,0	89,0	50,0	WCMX030208-86	WCMX030208..
SD572-19-38-C5	02595834	18,8 -22	19,0	38,0	43,0	93,0	50,0	WCMX040208-86	WCMX030208..
SD572-22-44-C5	02595835	21,8 -27	22,0	44,0	49,0	99,0	50,0	WCMX050308-86	WCMX040208..
SD572-27-54-C5	02595836	26,8 -33	27,0	54,0	59,0	109,0	50,0	WCMX06T308-86	WCMX050308..
SD572-33-66-C5	02595837	32,8 -41	33,0	66,0	71,0	121,0	50,0	WCMX080412-86	WCMX06T308..
SD572-41-82-C5	02595838	40,8 -47	41,0	82,0	87,0	157,0	50,0	WCMX080412-86	WCMX080412..
SD572-47-94-C5	02595839	46,8 -52	47,0	94,0	99,0	169,0	50,0	WCMX080412-86	WCMX080412..

Parti di ricambio, comprese nella fornitura

Designation	Chiave per vite inserto	Vite di bloccaggio inserto centrale	Vite di bloccaggio inserto periferico	Chiave (a bandiera)	Vite
					
SD572-15-30-C5	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-16-32-C5	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-17-34-C5	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-19-38-C5	T07P-2	C02205-T07P	C02205-T07P	–	R1/4
SD572-22-44-C5	T08P-2	C02506-T08P	C03007-T08P	–	R1/4
SD572-27-54-C5	T08P-2	C03508-T15P	C03007-T08P	T15P-2D	R1/4
SD572-33-66-C5	T15P-2D	C03508-T15P	C03508-T15P	–	R1/4
SD572-41-82-C5	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4
SD572-47-94-C5	T15P-2D	C04011-T15P	C04011-T15P	–	R1/4

Accessori

Designation	Coppia di serraggio	Bit	Chiave dinamometrica
			
SD572-15-30-C5	0.9 Nm	–	T00-07P09
SD572-16-32-C5	0.9 Nm	–	T00-07P09
SD572-17-34-C5	0.9 Nm	–	T00-07P09
SD572-19-38-C5	0.9 Nm	–	T00-07P09
SD572-22-44-C5	1.2 Nm	–	T00-08P12
SD572-27-54-C5	1.2 Nm	T00-15P	T00-15P30
SD572-33-66-C5	3.0 Nm	–	T00-15P30
SD572-41-82-C5	3.0 Nm	–	T00-15P30
SD572-47-94-C5	3.0 Nm	–	T00-15P30



Perfomax® SD602

Perfomax® SD602 di Seco è un sistema di testine di foratura modulari, progettato specificamente per lavorare in modo sicuro ed efficiente fori profondi e di grandi diametri.

- Gli inserti di qualità DP2501 offrono la robustezza richiesta per ottimizzare le prestazioni con le Perfomax® SD602.
- La qualità consente elevati avanzamenti e velocità di taglio.
- Elevata flessibilità grazie all'impiego di prolunghe per raggiungere la profondità di foratura richiesta.

Chiave di codifica

Corpi punta

SD602	–	89/90	–	50	RG
1		2		3	4



1.
Tipo di punta
SD602: Punta pilota e cartuccia

2.
Possibili diametri della punta
89 - Diametro inferiore
90 - Diametro superiore

3.
Diametro flangia

4.
Tipo di gambo

Pollici

SD602	–	3500	RG

Punta pilota

SD601	1	–	10	–	R
	2		3		4



(La punta pilota deve essere acquistata separatamente)

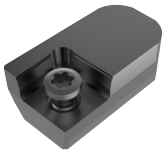
2.
0 = metallo duro integrale
1 = HSS

3.
Diametro punta

4.
Rotazione destra

Modulo

SD600	C	–	07	–	N
	2		3		4



-N



-U

2.
C = Centrale
P = Periferico

3.
Dimensione inserto
SCGX07
SCGX09
SCGX12
SCGX15

4.
N = Diametro nominale

Kit

SD602	1	–	P	–	07	–	N
	2		3		4		5



-N



-U

2.
0 = incl. 2 pattini (< ∅ 135 mm)
1 = incl. 4 pattini (> ∅ 135 mm)

3.
Periferico

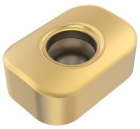
4.
Dimensione inserto
SCGX07
SCGX09
SCGX12
SCGX15

5.
N - Diametro nominale
U - Diametro inferiore

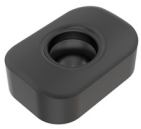
Nota: Selezionare il kit di parti di ricambio “D” con diametro nominale (-N) o inferiore (-U) a pagina 288 per completare il montaggio del corpo punta. Il kit “D” deve essere ordinato separatamente.

Pattino

PAD	–	L20R25	-N
			3



-N

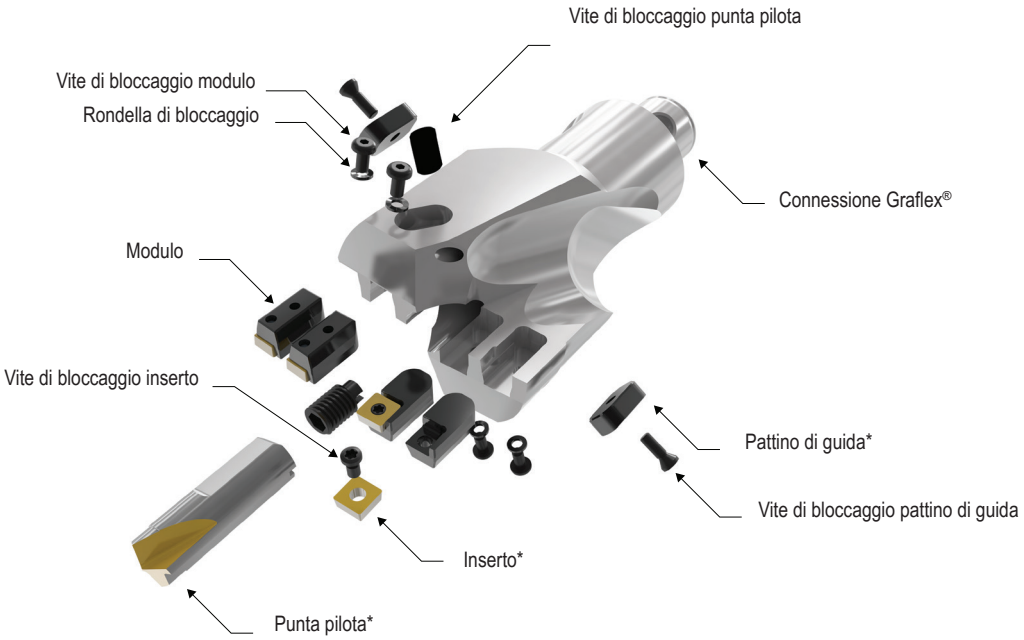


-U

3.
N = Diametro nominale

Testina di foratura modulare, componenti

SD602-59/60-40RG





Esempio: Diametro 59; SD602-59-40RG
Utilizzare il kit: SD6020-P07*



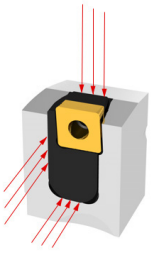
Esempio: Diametro 60; SD602-60-40RG
Utilizzare il kit: SD6020-P07-N*

Istruzioni di montaggio

- Serrare la vite di bloccaggio del modulo
- Montare gli inserti
- Montare la punta pilota e fissarla al fondo del foro; per estrarre ulteriormente la punta pilota usare la vite di regolazione
- Montare le prolunghe

Montaggio della cartuccia e del pattino di guida

- Montare il modulo
- Verificare che non vi siano interstizi tra il modulo e le pareti
- Serrare la vite di bloccaggio del modulo con la chiave dinamometrica:
  SD600-x-07: 3 Nm
  SD600-x-09: 3 Nm
  SD600-x-12: 8 Nm
  SD600-x-15: 8 Nm
- Montare il pattino di guida
- Serrare la vite di bloccaggio del pattino

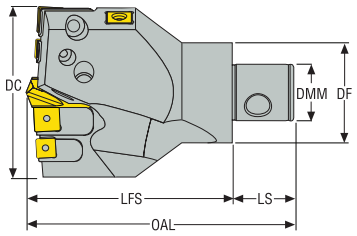


*** Non incluso nella fornitura.** Kit periferico, punta pilota ed inserti devono essere ordinati separatamente.

SD602

Testa di foratura modulare – Misure metriche/Pollici





- Adduzione refrigerante interna
- Per le informazioni sugli inserti, vedere pagina(e) 294-297
- Per i parametri di taglio raccomandati, vedere pagina(e) 310-311
- Punta pilota regolabile

Codice di ordinazione	Codice prodotto	Dimensione Graflex	Capacità DCN	Capacità DCX	OAL	LFS	LS	DF	DMM	Peso	Inserto
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
SD602-59/60-40RG	02846688	G4	59,0 *2.323*	60,0 *2.362*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,0 *2.200*	SCGX07
SD602-69/70-40RG	02846689	G4	69,0 *2.717*	70,0 *2.756*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,2 *2.650*	SCGX09
SD602-79/80-50RG	02846690	G5	79,0 *3.110*	80,0 *3.150*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	1,9 *4.190*	SCGX09
SD602-89/90-50RG	02846691	G5	89,0 *3.504*	90,0 *3.543*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	2,1 *4.630*	SCGX09/12
SD602-99/100-63RG	02846692	G6	99,0 *3.898*	100,0 *3.937*	185,0 *7.283*	145,0 *5.709*	40,0 *1.575*	63,0 *2.480*	36,0 *1.417*	3,3 *7.280*	SCGX12
SD602-119/120-63RG	02846693	G6	119,0 *4.685*	120,0 *4.724*	185,0 *7.283*	145,0 *5.709*	40,0 *1.575*	63,0 *2.480*	36,0 *1.417*	3,5 *7.720*	SCGX15
SD602-139/140-90RG	02846694	G7	139,0 *5.472*	140,0 *5.512*	210,0 *8.268*	160,0 *6.299*	50,0 *1.969*	90,0 *3.543*	46,0 *1.811*	6,1 *13.450*	SCGX12
SD602-159/160-90RG	02846695	G7	159,0 *6.260*	160,0 *6.299*	210,0 *8.268*	160,0 *6.299*	50,0 *1.969*	90,0 *3.543*	46,0 *1.811*	7,0 *15.430*	SCGX12/15
SD602-2500-40RG	02846698	G4	62,5 *2.461*	63,5 *2.500*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,0 *2.200*	SCGX07
SD602-2750-40RG	02846699	G4	68,85 *2.711*	69,85 *2.750*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,1 *2.430*	SCGX07/09
SD602-3000-40RG	02846700	G4	75,2 *2.961*	76,2 *3.000*	129,0 *5.079*	105,0 *4.134*	24,0 *0.945*	40,0 *1.575*	22,0 *0.866*	1,2 *2.650*	SCGX09
SD602-3250-50RG	02846701	G5	81,55 *3.211*	82,55 *3.250*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	2,0 *4.410*	SCGX09/12
SD602-3500-50RG	02846702	G5	87,9 *3.461*	88,9 *3.500*	160,0 *6.299*	130,0 *5.118*	30,0 *1.181*	50,0 *1.969*	28,0 *1.102*	2,1 *4.630*	SCGX09/12
SD602-4000-63RG	02846703	G6	100,6 *3.961*	101,6 *4.000*	185,0 *7.283*	145,0 *5.709*	40,0 *1.575*	63,0 *2.480*	36,0 *1.417*	3,4 *7.500*	SCGX12

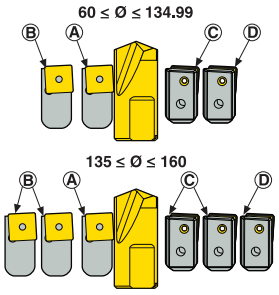
Parti di ricambio, comprese nella fornitura

Modulo	Modulo	Vite di bloccaggio modulo	Rondella	Vite di bloccaggio inserto	Chiave per vite inserto	Pattino di guida*	Pattino di guida*	Vite pattino
								
SD600-C-07	SD600-P-07-N	K6S4x8	LW0408	C03007-T09P	T09P-2, T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P
SD600-C-09	SD600-P-09-N	K6S4x8	LW0408	C03508-T15P	T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P
SD600-C-12	SD600-P-12-N	K6S6x10	LW0611	C05012-T15P	T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P
SD600-C-15	SD600-P-15-N	K6S6x12	LW0611	C05012-T15P	T15P-2D	PAD-L20R25	PAD-L20R25-N	C04014-T15P

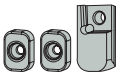
*Non incluso nella fornitura

SD602

Testa di foratura modulare



Parti di ricambio, comprese nella fornitura

Codice di ordinazione	Per punta diametro (mm)	Per punta diametro (pollici)	Vite pilota	Vite di regolazione	Modulo (A)	Modulo (B)	Modulo (C)	Kit Periferico* (D)	Punta pilota* x=0 Metallo duro x=1 HSS
									
SD602-59/60-40RG	59	2.323	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-U	SD601x-10-R
SD602-59/60-40RG	60	2.362	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-N	SD601x-10-R
SD602-2500-40RG	62,5	2.461	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-U	SD601x-10-R
SD602-2500-40RG	63,5	2.500	P6SS 8X8	19TLR0816	SD600-C-07	SD600-C-07	SD600-P-07	SD6020-P-07-N	SD601x-10-R
SD602-2750-40RG	68,85	2.711	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-07	SD600-P-07	SD6020-P-07-U	SD601x-10-R
SD602-2750-40RG	69,85	2.750	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-07	SD600-P-07	SD6020-P-07-N	SD601x-10-R
SD602-69/70-40RG	69	2.717	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-10-R
SD602-69/70-40RG	70	2.756	P6SS 8X8	19TLR0816	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-10-R
SD602-3000-40RG	75,2	2.961	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-15-R
SD602-3000-40RG	76,2	3.000	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-15-R
SD602-79/80-50RG	79	3.110	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-15-R
SD602-79/80-50RG	80	3.150	P6SS 10X10	19TLR1016	SD600-C-09	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-15-R
SD602-3250-50RG	81,55	3.211	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-09-U	SD601x-15-R
SD602-3250-50RG	82,55	3.250	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-09-N	SD601x-15-R
SD602-3500-50RG	87,9	3.461	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-U	SD601x-15-R
SD602-3500-50RG	88,9	3.500	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-N	SD601x-15-R
SD602-89/90-50RG	89	3.504	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-U	SD601x-15-R
SD602-89/90-50RG	90	3.543	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-09	SD600-P-09	SD6020-P-12-N	SD601x-15-R
SD602-99/100-63RG	99	3.898	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-U	SD601x-15-R
SD602-99/100-63RG	100	3.937	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-N	SD601x-15-R
SD602-4000-63RG	100,6	3.961	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-U	SD601x-15-R
SD602-4000-63RG	101,6	4.000	P6SS 10X10	19TLR1016	SD600-C-12	SD600-C-12	SD600-P-12	SD6020-P-12-N	SD601x-15-R
SD602-119/120-63RG	119	4.685	P6SS 10X10	19TLR1016	SD600-C-15	SD600-C-15	SD600-P-15	SD6020-P-15-U	SD601x-15-R
SD602-119/120-63RG	120	4.724	P6SS 10X10	19TLR1016	SD600-C-15	SD600-C-15	SD600-P-15	SD6020-P-15-N	SD601x-15-R
SD602-139/140-90RG	139	5.472	P6SS 12X12	19TLR1216	SD600-C-12	SD600-C-12	SD600-P-12	SD6021-P-12-U	SD601x-25-R
SD602-139/140-90RG	140	5.512	P6SS 12X12	19TLR1216	SD600-C-12	SD600-C-12	SD600-P-12	SD6021-P-12-N	SD601x-25-R
SD602-159/160-90RG	159	6.260	P6SS 12X12	19TLR1216	SD600-C-15	SD600-C-12	SD600-P-12	SD6021-P-15-U	SD601x-25-R
SD602-159/160-90RG	160	6.299	P6SS 12X12	19TLR1216	SD600-C-15	SD600-C-12	SD600-P-12	SD6021-P-15-N	SD601x-25-R

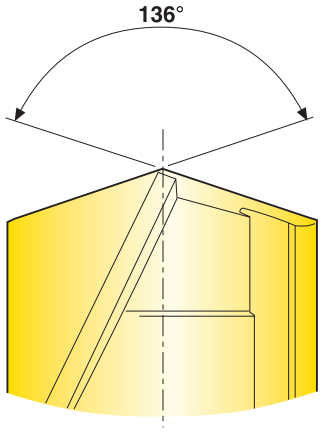
*Non incluso nella fornitura. Kit Periferico, U- Diametro inferiore , N- Diametro nominale.
Per la dimensione dell'inserto vedere le pagine 294-297

Istruzioni per la riaffilatura di SD602

Specifiche:
Specifiche della mola diamantata per riaffilatura:
Spoglia conica: mola forma 12A2 Dimensione grana D54 (figura 1).
Snocciolatura: mola forma 1A1 o 1V1 Dimensione grana D64-D46 (figure 2-3).
Smusso: mola forma 1A1 o 12A2 (figura 1).
Preparazione tagliente: fase negativa o spazzolatura (figura 2).

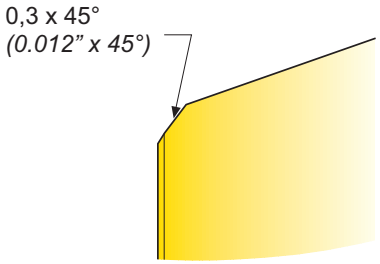
Importante:
- I taglienti devono essere uniformi su tutta la preparazione del tagliente.
- La preparazione dei taglienti deve essere applicata sull'intera lunghezza dei taglienti.

1. Angolo di punta

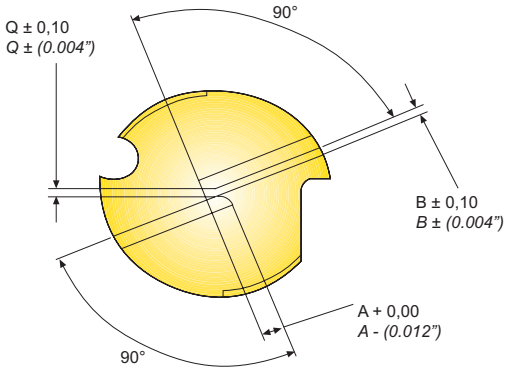


Preparazione del tagliente 0-0,1 mm *(0-0,004")* x 20°. Angolo di spoglia conico della punta 10°.

2. Smusso



3.

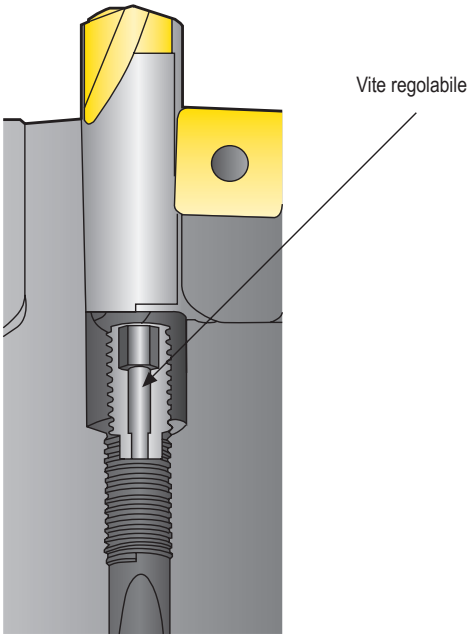


4.

Dimensioni in mm (*pollici*)				
Diametro	**A**	**B**	**C**	**Lunghezza minima**
10 mm	1,5 *(0.059)*	0,5 *(0.020)*	0,57 *(0.022)*	38 *(1.496)*
15 mm	1,5 *(0.059)*	0,6 *(0.024)*	0,68 *(0.027)*	45 *(1.772)*
25 mm	1,5 *(0.059)*	1,4 *(0.055)*	1,6 *(0.063)*	57 *(2.244)*

Testina di foratura modulare, componenti

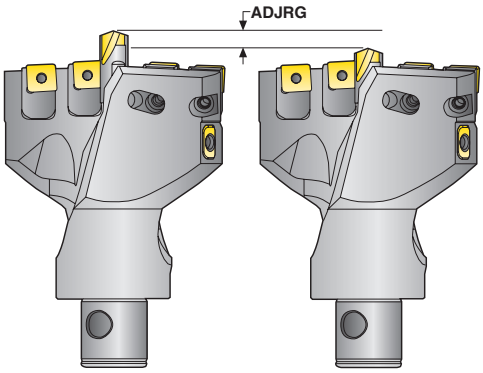
Caratteristica: Punta pilota regolabile



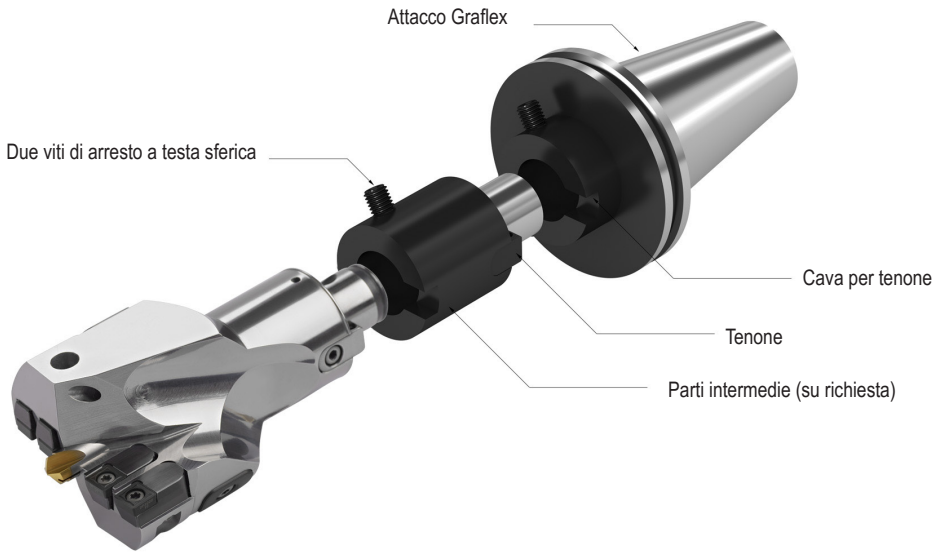
	Campo di regolazione sporgenza punta pilota ADJRG	
Punta	**mm**	*pollici*
SD602-59/60-40RG	3,0	*0.118*
SD602-69/70-40RG	3,0	*0.118*
SD602-79/80-50RG	5,0	*0.197*
SD602-89/90-50RG	5,0	*0.197*
SD602-99/100-63RG	5,0	*0.197*
SD602-119/120-63RG	5,0	*0.197*
SD602-139/140-90RG	5,0	*0.197*
SD602-159/160-90RG	5,0	*0.197*
SD602-2500-40RG	3,0	*0.118*
SD602-2750-40RG	3,0	*0.118*
SD602-3000-40RG	5,0	*0.197*
SD602-3250-50RG	5,0	*0.197*
SD602-3500-50RG	5,0	*0.197*
SD602-4000-63RG	5,0	*0.197*

Caratteristica: Campo di regolazione sporgenza punta pilota

Benefici: Stessa sporgenza dopo la riaffilatura della punta pilota.
Possibilità di regolare la sporgenza della punta pilota.
Con profondità di foratura > 5 x D, si consiglia di estrarre la punta pilota di ulteriori 5 mm (*0,197"*).
Raccomandazioni: In caso di re-ingresso nel foro, la punta pilota deve essere estratta di ulteriori 3 mm (*0,118"*) dalla sua posizione originale, per assicurare un centraggio migliore.

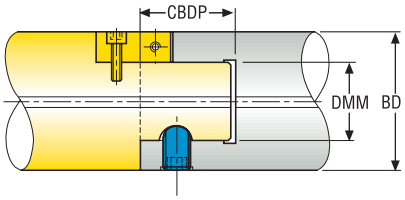


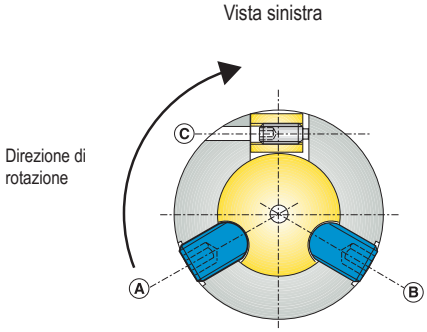
Testina di foratura modulare, componenti



Istruzioni di montaggio

1. Pulire le due parti da assemblare ed applicare un prodotto antiossidante.
2. Assemblare le parti assicurandosi che il lato sinistro del tenone sia a contatto con la cava.
3. Serrare leggermente la vite A (le testine di foratura devono essere spostate avanti e indietro per trovare il punto più basso per la vite A).
4. Serrare leggermente la vite B.
5. 'Serrare' la vite di bloccaggio C.
6. 'Serrare' la vite A.
7. 'Serrare' la vite B.
8. Ricontrollare il serraggio della vite di bloccaggio.





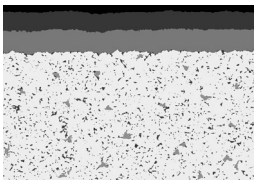
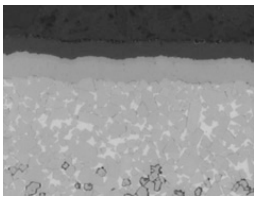
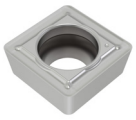
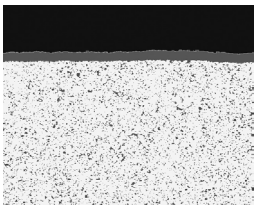
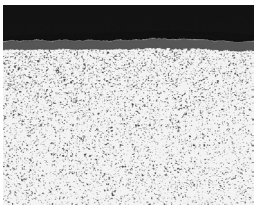
Dimensioni Graflex	DMM mm (*pollici*)	BD mm (*pollici*)	CBDP mm (*pollici*)	Coppie di serraggio raccomandate per la connessione Graflex: Viti a sfera (A) e (B)	Coppie di serraggio raccomandate per la connessione Graflex: Vite di bloccaggio tenone (C)
4	22 *(0,866)*	40 *(1,575)*	24 *(0,945)*	20 Nm *(14,7 ft/lb)*	0,7 Nm *(0,5 ft/lb)*
5	28 *(1,102)*	50 *(1,969)*	30 *(1,181)*	25 Nm *(18,4 ft/lb)*	2 Nm *(1,5 ft/lb)*
6	36 *(1,417)*	63 *(2,480)*	40 *(1,575)*	35 Nm *(25,8 ft/lb)*	4 Nm *(2,9 ft/lb)*
7	46 *(1,811)*	90 *(3,543)*	50 *(1,969)*	60 Nm *(44,2 ft/lb)*	8 Nm *(5,9 ft/lb)*

Qualità dell'inserto

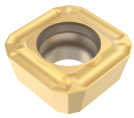
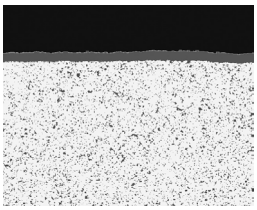
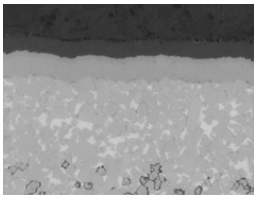
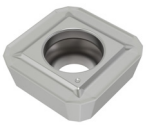
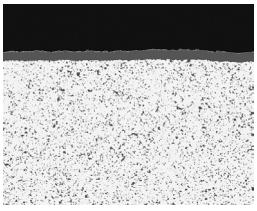
Caratteristiche:
- 4 taglienti per inserto
- Robusti inserti quadri

Benefici:
- Economia
- Affidabilità
- Produttività
- Basso costo per foro

Peripheral insert

DP2000			Tecnologia di rivestimento DURATOMIC® Qualità ottimizzata per la lavorazione di acciaio e ghisa Per lavorazioni con velocità di taglio molto elevate Ottima tenacità del tagliente ed elevata resistenza all'usura grazie all'elevato spessore del rivestimento Ti(C,N) + Al_2O_3 DURATOMIC®
DP2501			Tecnologia di rivestimento DURATOMIC® Qualità universale Resistenza all'usura e tenacità del tagliente eccellenti Qualità tenace per la massima sicurezza applicativa Ti(C,N) + Al_2O_3 DURATOMIC® Tenacità del substrato
DS2050			Qualità ottimizzata per titanio, super leghe e acciaio inossidabile di difficile lavorabilità con rivestimento PVD TiAlN + NbN
T250D			Prima scelta per acciaio temprato e alluminio ad alto contenuto di Si. Tagliente affilato grazie al substrato micrograna e al rivestimento pvd (TiAl)N + TiN

Inserto centrale

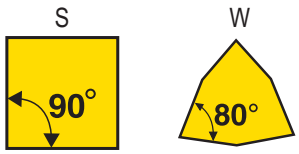
T400D			Prima scelta Qualità dell'inserto centrale tenace per la massima sicurezza di applicazione Rivestimento PVD (Ti, Al)N + TiN
DP2501			Tecnologia di rivestimento DURATOMIC® Resistenza all'usura e tenacità del tagliente eccellenti Ti(C,N) + Al_2O_3 DURATOMIC® Tenacità del substrato
DS4050			Qualità ottimizzata per titanio, super leghe e acciaio inossidabile di difficile lavorabilità con rivestimento PVD TiAlN + NbN

Geometrie

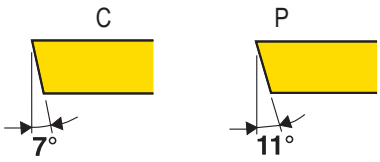


S	C	G	X	06	02	04	-	P1
1	2	3	4	5	6	7		10

1. Forma inserto



2. Spoglia laterale inserto



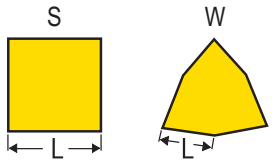
4. Tipo

X = Speciale

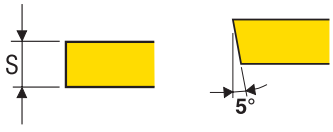
3. Tolleranze

Toll. classe	Tolleranza +/- mm (*pollici*)			Per IC, dimensione in mm (*pollici*)								
	m	S	IC	5,556 (0.2187)	6,35 (0.2500)	7,937 (0.3125)	7,94 (0.3126)	9,525 (0.3750)	11,509 (0.4531)	12,7 (0.5000)	15,875 (0.6250)	19,05 (0.7500)
G	0,025 (0.001)	0,13 (0.005)	0,025 (0.001)	•	•	•		•	•	•	•	•
M	0,013 (0.005)	0,13 (0.005)	0,05 (0.002)	•	•		•	•	•	•	•	•
M	0,013 (0.005)	0,13 (0.005)	0,08 (0.003)							•		

5. Lunghezza del tagliente



6. Spessore



02 = 2,38 mm *(0.094")*
03 = 3,18 mm *(0.125")*
T3 = 3,97 mm *(0.156")*

04 = 4,76 mm *(0.187")*
05 = 5,56 mm *(0.219")*

7. Inserti con smusso/raggio di punta



04 = 0,4 mm *(0.016")*
08 = 0,8 mm *(0.031")*
12 = 1,2 mm *(0.047")*
ecc.

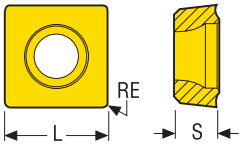
10. Descrizione interna

ad esempio, descrizione del formatruciolo

P1 = xx
P2 = xx
85 = xx
86 = xx

Inserti sostituibili – Inserto periferico, tipo P1*

per SD522, SD523, SD524, SD525, SD542, SD602



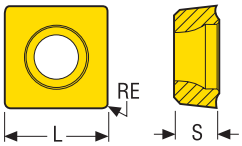
Tolleranze:
L = ±0,025 (0.001")
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

*Formatruciolo per bassi avanzamenti e per una buona finitura superficiale in tutti i materiali da lavorare

Codice di ordinazione	Inserti	L	S	RE	Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	T250D	DP2000	DP2501
SCGX060204-P1	SCGX-P1	6,35 *0,25*	2,381 *0,094*	0,4 *0,016*	00059712	02590849	10299511
SCGX070308-P1	SCGX-P1	7,938 *0,313*	3,18 *0,125*	0,8 *0,031*	00059713	02590850	10299512
SCGX09T308-P1	SCGX-P1	9,525 *0,375*	3,969 *0,156*	0,8 *0,031*	00059714	02590851	10299509
SCGX11T308-P1	SCGX-P1	11,509 *0,453*	3,97 *0,156*	0,8 *0,031*	03136962	03136963	10299513
SCGX120408-P1	SCGX-P1	12,7 *0,5*	4,762 *0,187*	0,8 *0,031*	00059715	02590852	10299510
SCGX150512-P1	SCGX-P1	15,875 *0,625*	5,556 *0,219*	1,2 *0,047*	00059716	02590853	10299514

Inserti sostituibili – Inserto periferico, tipo P2**

per SD522, SD523, SD524, SD525, SD542, SD602

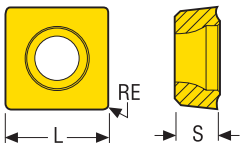


Tolleranze:
L = ±0,025 (0.001")
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

**Formatruciolo per elevati avanzamenti su acciaio, acciaio inossidabile e ghisa

Codice di ordinazione	Inserti	L	S	RE	Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	T250D	DP2000	DP2501
SCGX050204-P2	SCGX-P2	5,556 *0,219*	2,38 *0,094*	0,4 *0,016*	00059711	02590854	10299502
SCGX060204-P2	SCGX-P2	6,35 *0,25*	2,38 *0,094*	0,4 *0,016*	02526803	02590855	10299503
SCGX070308-P2	SCGX-P2	7,937 *0,312*	3,18 *0,125*	0,8 *0,031*	02526787	02590856	10299504
SCGX09T308-P2	SCGX-P2	9,525 *0,375*	3,97 *0,156*	0,8 *0,031*	02794476	02590857	10299505
SCGX11T308-P2	SCGX-P2	11,509 *0,453*	3,97 *0,156*	0,8 *0,031*	03097760	03097761	10299506
SCGX120408-P2	SCGX-P2	12,7 *0,5*	4,76 *0,187*	0,8 *0,031*	02794477	02590858	10299507
SCGX150512-P2	SCGX-P2	15,875 *0,625*	5,56 *0,219*	1,2 *0,047*	02794478	02590859	10299508

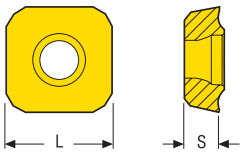
Inserti sostituibili – Inserto periferico, tipo MP
per SD522, SD523, SD524, SD525, SD542



Tolleranze:
L = ±0,025 (0.001")
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

Codice di ordinazione	Inserti	L	S	RE	Qualità
		mm *Inch*	mm *Inch*	mm *Inch*	**DS2050**
SCGX050204-MP	SCGX-MP	5,56 *0,219*	2,38 *0,094*	0,4 *0,016*	03134312
SCGX060204-MP	SCGX-MP	6,35 *0,25*	6,35 *0,25*	0,4 *0,016*	03134313
SCGX070308-MP	SCGX-MP	7,94 *0,313*	3,18 *0,125*	0,8 *0,031*	03134314
SCGX09T308-MP	SCGX-MP	9,525 *0,375*	3,97 *0,156*	0,8 *0,031*	03134315
SCGX11T308-MP	SCGX-MP	11,509 *0,453*	3,97 *0,156*	0,8 *0,031*	03134316
SCGX120408-MP	SCGX-MP	12,7 *0,5*	4,76 *0,187*	0,8 *0,031*	03134317
SCGX150512-MP	SCGX-MP	15,875 *0,625*	5,56 *0,219*	1,2 *0,047*	03134318

Inserti sostituibili – Inserto centrale, tipo C1
per SD522, SD523, SD524, SD525, SD542, SD602

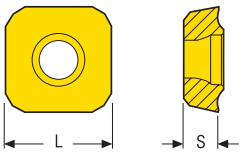


Tolleranze:
L = ±0,025 (0.001")
S = ±0,13 (0.005")

Codice di ordinazione	Inserti	L	S	Qualità	
		mm *Inch*	mm *Inch*	**T400D**	**DP2501**
SPGX0502-C1	SPGX-C1	5,556 *0,219*	2,38 *0,094*	74077370	10299515
SPGX0602-C1	SPGX-C1	6,35 *0,25*	2,38 *0,094*	74077371	10299516
SPGX0703-C1	SPGX-C1	7,937 *0,312*	3,18 *0,125*	74077372	10299517
SPGX0903-C1	SPGX-C1	9,525 *0,375*	3,18 *0,125*	74077373	10299518
SPGX11T3-C1	SPGX-C1	11,509 *0,453*	3,97 *0,156*	74077374	10299519
SPGX12T3-C1	SPGX-C1	12,7 *0,5*	3,97 *0,156*	74077375	10299520
SPGX1504-C1	SPGX-C1	15,875 *0,625*	4,76 *0,187*	74077376	10299521
SPGX1904-C1	SPGX-C1	19,05 *0,75*	4,76 *0,187*	74077377	10299522

Inserti sostituibili – Inserto centrale, tipo MC

per SD522, SD523, SD524, SD525, SD542

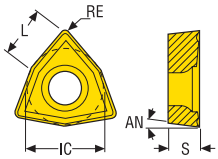


Tolleranze:
L = ±0,025 (0.001")
S = ±0,13 (0.005")

Codice di ordinazione	Inserti	L	S	Qualità
		mm *Inch*	mm *Inch*	**DS4050**
SPGX0502-MC	SPGX-MC	5,56 *0,219*	2,38 *0,094*	03134319
SPGX0602-MC	SPGX-MC	6,35 *0,25*	2,38 *0,094*	03134320
SPGX0703-MC	SPGX-MC	7,94 *0,313*	3,18 *0,125*	03134321
SPGX0903-MC	SPGX-MC	9,525 *0,375*	3,18 *0,125*	03134322
SPGX11T3-MC	SPGX-MC	11,509 *0,453*	3,97 *0,156*	03134323
SPGX12T3-MC	SPGX-MC	12,7 *0,5*	3,97 *0,156*	03134324
SPGX1504-MC	SPGX-MC	15,875 *0,625*	4,76 *0,187*	03134325
SPGX1904-MC	SPGX-MC	19,05 *0,75*	4,76 *0,187*	03134326

Inserti sostituibili – Inserto periferico, tipo 85*

per SD572



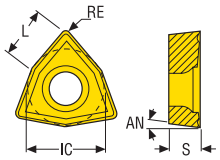
Tolleranze:
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

*Formatruciolo per bassi avanzamenti e per una buona finitura superficiale in tutti i materiali da lavorare

Codice di ordinazione	Inserti	IC	L	S	RE	Qualità
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	**DP2501**
WCMX040208-85	WCMX-85	6,35 *0,25*	3,99 *0,157*	2,38 *0,094*	0,8 *0,031*	10299523
WCMX050308-85	WCMX-85	7,94 *0,313*	5,07 *0,2*	3,18 *0,125*	0,8 *0,031*	10299524
WCMX06T308-85	WCMX-85	9,525 *0,375*	6,14 *0,242*	3,97 *0,156*	0,8 *0,031*	10299525
WCMX080412-85	WCMX-85	12,7 *0,5*	8,14 *0,32*	4,76 *0,187*	1,2 *0,047*	10299526

Inserto centrale ed inserto periferico, formatruciolo 86**

per SD572



Tolleranze:
S = ±0,13 (0.005")
RE = ±0,1 (0.004")

**Formatruciolo per elevati avanzamenti su acciaio, acciaio inossidabile e ghisa

Codice di ordinazione	Inserti	IC	L	S	RE	Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	T400D	DP2000	DP2501
WCMX030208-86	WCMX-86	5,556 *0,219*	3,46 *0,136*	2,38 *0,094*	0,8 *0,031*	02506629	02899808	10299527
WCMX040208-86	WCMX-86	6,35 *0,25*	3,99 *0,157*	2,38 *0,094*	0,8 *0,031*	02506638	02899809	10299528
WCMX050308-86	WCMX-86	7,94 *0,313*	5,07 *0,2*	3,18 *0,125*	0,8 *0,031*	02506640	02899810	10299529
WCMX06T308-86	WCMX-86	9,525 *0,375*	6,14 *0,242*	3,97 *0,156*	0,8 *0,031*	02506645	02899811	10299530
WCMX080412-86	WCMX-86	12,7 *0,5*	8,14 *0,32*	4,76 *0,187*	1,2 *0,047*	02506646	02899812	10299531

SD522 ∅ **15-60 mm** / *0.590-2.375 pollici*

SMG		f							v_c
		Ø 15,00-19,49 *Ø 0.590-0.767*	Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-44,49 *Ø 1.594-1.751*	Ø 44,50-59,99 *Ø 1.752-2.375*	
P1	P1 DP2000	0,060	0,070	0,085	0,095	0,11	0,12	0,13	460
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*1500*
P2	P1 DP2000	0,060	0,070	0,085	0,10	0,11	0,12	0,13	450
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0048*	*0.0050*	*1475*
P3	P2 DP2501	0,12	0,14	0,17	0,19	0,22	0,22	0,26	345
	P2 DP2501	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*1125*
P4	P2 DP2501	0,12	0,13	0,16	0,19	0,22	0,22	0,25	230
	P2 DP2501	*0.0048*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*750*
P5	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	220
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*720*
P6	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	250
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*820*
P7	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	235
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*770*
P8	P2 DP2501	0,12	0,14	0,17	0,19	0,22	0,22	0,26	220
	P2 DP2501	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*720*
P11	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	230
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*750*
P12	P2 DP2501	0,075	0,090	0,11	0,12	0,14	0,15	0,17	135
	P2 DP2501	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*445*
M1	P2 DP2501	0,085	0,10	0,12	0,14	0,16	0,17	0,19	240
	P2 DP2501	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*790*
M2	P2 DP2501	0,080	0,090	0,11	0,13	0,14	0,15	0,17	195
	P2 DP2501	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*640*
M3	MP DS2050	0,065	0,075	0,090	0,10	0,12	0,13	0,14	160
	MP DS2050	*0.0026*	*0.0030*	*0.0036*	*0.0040*	*0.0048*	*0.0050*	*0.0055*	*520*
M4	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	140
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*460*
M5	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	115
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*375*
K1	P2 DP2000	0,12	0,14	0,17	0,20	0,22	0,24	0,26	250
	P2 DP2000	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*820*
K2	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	215
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*710*
K3	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	185
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*610*
K4	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	175
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*570*
K5	P2 DP2000	0,10	0,11	0,14	0,16	0,18	0,19	0,22	105
	P2 DP2000	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0085*	*345*
N1	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	365
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*1200*
N2	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	235
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*770*
N3	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	155
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*510*
N11	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	310
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*1025*
S1	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	60
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*195*
S2	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	48
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*155*
S3	MP DS2050	0,085	0,10	0,12	0,14	0,16	0,17	0,19	41
	MP DS2050	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*135*
S11	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	85
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*280*
S12	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	65
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*215*
S13	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	50
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*165*
H3	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	70
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*230*
H5	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	130
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*425*
H7	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	70
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*230*
H8	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	130
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*425*
H11	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	165
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*540*
H12	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	150
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*490*
H21	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	130
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*425*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD522 Velocità di taglio

SMG	v_c				
	DP2000	DP2501	DP3000	T250D	DS2050
P1	460 *1500*	415 *1350*	415 *1350*	315 *1025*	415 *1350*
P2	450 *1475*	405 *1325*	405 *1325*	305 *1000*	405 *1325*
P3	385 *1275*	345 *1125*	345 *1125*	265 *870*	345 *1125*
P4	285 *940*	230 *750*	220 *720*	140 *460*	— —
P5	270 *890*	220 *720*	210 *690*	135 *445*	— —
P6	305 *1000*	250 *820*	240 *790*	150 *490*	— —
P7	285 *940*	235 *770*	225 *740*	140 *460*	— —
P8	270 *890*	220 *720*	210 *690*	135 *445*	— —
P11	280 *920*	230 *750*	220 *720*	140 *460*	— —
P12	165 *540*	135 *445*	130 *425*	80 *260*	— —
M1	— —	240 *790*	260 *850*	160 *520*	— —
M2	— —	195 *640*	210 *690*	130 *425*	— —
M3	— —	160 *520*	160 *520*	100 *330*	160 *520*
M4	— —	120 *395*	120 *395*	75 *245*	140 *460*
M5	— —	100 *330*	100 *330*	60 *195*	115 *375*
K1	250 *820*	235 *770*	235 *770*	— —	— —
K2	215 *710*	205 *670*	205 *670*	— —	— —
K3	185 *610*	175 *570*	175 *570*	— —	— —
K4	175 *570*	165 *540*	165 *540*	— —	— —
K5	105 *345*	100 *330*	100 *330*	— —	— —
N1	— —	420 *1375*	420 *1375*	365 *1200*	365 *1200*
N2	— —	270 *890*	270 *890*	235 *770*	235 *770*
N3	— —	180 *590*	180 *590*	155 *510*	155 *510*
N11	— —	350 *1150*	350 *1150*	310 *1025*	310 *1025*
S1	— —	— —	— —	40 *130*	60 *195*
S2	— —	— —	— —	30 *100*	48 *155*
S3	— —	— —	— —	30 *100*	41 *135*
S11	— —	— —	— —	80 *260*	85 *280*
S12	— —	— —	— —	60 *195*	65 *215*
S13	— —	— —	— —	46 *150*	50 *165*
H3	— —	33 *110*	70 *230*	70 *230*	— —
H5	— —	60 *195*	130 *425*	130 *425*	— —
H7	— —	33 *110*	70 *230*	70 *230*	— —
H8	— —	60 *195*	130 *425*	130 *425*	— —
H11	— —	80 *260*	165 *540*	165 *540*	— —
H12	— —	70 *230*	75 *245*	150 *490*	— —
H21	— —	130 *425*	130 *425*	130 *425*	— —

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

SD523 ∅ **15-60 mm** / *0.590-2.375 pollici*

SMG		f							v_c
		Ø 15,00-19,49 *Ø 0.590-0.767*	Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-44,49 *Ø 1.594-1.751*	Ø 44,50-59,99 *Ø 1.752-2.375*	
P1	P1 DP2000	0,060	0,070	0,085	0,095	0,11	0,12	0,13	415
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*1350*
P2	P1 DP2000	0,060	0,070	0,085	0,10	0,11	0,12	0,13	405
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0048*	*0.0050*	*1325*
P3	P2 DP2501	0,12	0,14	0,17	0,19	0,22	0,22	0,26	310
	P2 DP2501	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*1025*
P4	P2 DP2501	0,12	0,13	0,16	0,19	0,22	0,22	0,25	210
	P2 DP2501	*0.0048*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*690*
P5	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	200
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*660*
P6	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	225
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*740*
P7	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	210
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*690*
P8	P2 DP2501	0,12	0,14	0,17	0,19	0,22	0,22	0,26	200
	P2 DP2501	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*660*
P11	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	205
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*670*
P12	P2 DP2501	0,075	0,090	0,11	0,12	0,14	0,15	0,17	120
	P2 DP2501	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*395*
M1	P2 DP2501	0,085	0,10	0,12	0,14	0,16	0,17	0,19	225
	P2 DP2501	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*740*
M2	P2 DP2501	0,080	0,090	0,11	0,13	0,14	0,15	0,17	185
	P2 DP2501	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*610*
M3	MP DS2050	0,065	0,075	0,090	0,10	0,12	0,13	0,14	150
	MP DS2050	*0.0026*	*0.0030*	*0.0036*	*0.0040*	*0.0048*	*0.0050*	*0.0055*	*490*
M4	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	120
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*395*
M5	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	100
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*330*
K1	P2 DP2000	0,12	0,14	0,17	0,20	0,22	0,24	0,26	225
	P2 DP2000	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*740*
K2	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	195
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*640*
K3	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	165
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*540*
K4	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	160
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*520*
K5	P2 DP2000	0,10	0,11	0,14	0,16	0,18	0,19	0,22	95
	P2 DP2000	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0085*	*310*
N1	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	310
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*1025*
N2	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	200
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*660*
N3	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	135
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*445*
N11	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	260
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*850*
S1	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	55
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*180*
S2	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	43
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*140*
S3	MP DS2050	0,085	0,10	0,12	0,14	0,16	0,17	0,19	37
	MP DS2050	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*120*
S11	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	75
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*245*
S12	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	60
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*195*
S13	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	45
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*150*
H3	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	60
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*195*
H5	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	110
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*360*
H7	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	60
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*195*
H8	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	110
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*360*
H11	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	140
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*460*
H12	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	130
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*425*
H21	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	110
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*360*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD523 Velocità di taglio

SMG	v_c				
	DP2000	DP2501	DP3000	T250D	DS2050
P1	415 *1350*	370 *1225*	370 *1225*	265 *870*	370 *1225*
P2	405 *1325*	360 *1175*	360 *1175*	260 *850*	360 *1175*
P3	345 *1125*	310 *1025*	310 *1025*	225 *740*	310 *1025*
P4	230 *750*	210 *690*	200 *660*	120 *395*	— —
P5	220 *720*	200 *660*	190 *620*	115 *375*	— —
P6	250 *820*	225 *740*	215 *710*	130 *425*	— —
P7	235 *770*	210 *690*	200 *660*	120 *395*	— —
P8	220 *720*	200 *660*	190 *620*	115 *375*	— —
P11	225 *740*	205 *670*	195 *640*	115 *375*	— —
P12	135 *445*	120 *395*	115 *375*	70 *230*	— —
M1	— —	225 *740*	245 *800*	135 *445*	— —
M2	— —	185 *610*	195 *640*	110 *360*	— —
M3	— —	150 *490*	150 *490*	85 *280*	150 *490*
M4	— —	115 *375*	115 *375*	65 *215*	120 *395*
M5	— —	95 *310*	95 *310*	55 *180*	100 *330*
K1	225 *740*	215 *710*	215 *710*	— —	— —
K2	195 *640*	185 *610*	185 *610*	— —	— —
K3	165 *540*	160 *520*	160 *520*	— —	— —
K4	160 *520*	150 *490*	150 *490*	— —	— —
K5	95 *310*	90 *295*	90 *295*	— —	— —
N1	— —	360 *1175*	360 *1175*	310 *1025*	310 *1025*
N2	— —	230 *750*	230 *750*	200 *660*	200 *660*
N3	— —	155 *510*	155 *510*	135 *445*	135 *445*
N11	— —	300 *980*	300 *980*	260 *850*	260 *850*
S1	— —	— —	— —	34 *110*	55 *180*
S2	— —	— —	— —	25 *80*	43 *140*
S3	— —	— —	— —	25 *80*	37 *120*
S11	— —	— —	— —	65 *215*	75 *245*
S12	— —	— —	— —	50 *165*	60 *195*
S13	— —	— —	— —	39 *130*	45 *150*
H3	— —	29 *95*	60 *195*	60 *195*	— —
H5	— —	55 *180*	115 *375*	110 *360*	— —
H7	— —	29 *95*	60 *195*	60 *195*	— —
H8	— —	55 *180*	115 *375*	110 *360*	— —
H11	— —	70 *230*	145 *475*	140 *460*	— —
H12	— —	65 *215*	70 *230*	130 *425*	— —
H21	— —	115 *375*	115 *375*	110 *360*	— —

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

SD524 ∅ **15-60 mm** / *0.590-2.375 pollici*

SMG		f							v_c
		Ø 15,00-19,49 *Ø 0.590-0.767*	Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-44,49 *Ø 1.594-1.751*	Ø 44,50-59,99 *Ø 1.752-2.375*	
P1	P1 DP2000	0,060	0,070	0,085	0,095	0,11	0,12	0,13	380
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0048*	*0.0050*	*1250*
P2	P1 DP2000	0,060	0,070	0,085	0,10	0,11	0,12	0,13	370
	P1 DP2000	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*0.0044*	*0.0048*	*0.0050*	*1225*
P3	P2 DP2501	0,12	0,14	0,17	0,19	0,22	0,22	0,26	285
	P2 DP2501	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*940*
P4	P2 DP2501	0,12	0,13	0,16	0,19	0,22	0,22	0,25	190
	P2 DP2501	*0.0048*	*0.0050*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*620*
P5	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	185
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*610*
P6	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	205
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*670*
P7	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	195
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*640*
P8	P2 DP2501	0,12	0,14	0,17	0,19	0,22	0,22	0,26	185
	P2 DP2501	*0.0048*	*0.0055*	*0.0065*	*0.0075*	*0.0085*	*0.0085*	*0.010*	*610*
P11	P2 DP2501	0,11	0,13	0,16	0,18	0,20	0,22	0,25	190
	P2 DP2501	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.010*	*620*
P12	P2 DP2501	0,075	0,090	0,11	0,12	0,14	0,15	0,17	110
	P2 DP2501	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*360*
M1	P2 DP2501	0,085	0,10	0,12	0,14	0,16	0,17	0,19	215
	P2 DP2501	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*710*
M2	P2 DP2501	0,080	0,090	0,11	0,13	0,14	0,15	0,17	175
	P2 DP2501	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0055*	*0.0060*	*0.0065*	*570*
M3	MP DS2050	0,065	0,075	0,090	0,10	0,12	0,13	0,14	145
	MP DS2050	*0.0026*	*0.0030*	*0.0036*	*0.0040*	*0.0048*	*0.0050*	*0.0055*	*475*
M4	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	105
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*345*
M5	MP DS2050	0,055	0,065	0,080	0,090	0,10	0,11	0,12	90
	MP DS2050	*0.0022*	*0.0026*	*0.0032*	*0.0036*	*0.0040*	*0.0044*	*0.0048*	*295*
K1	P2 DP2000	0,12	0,14	0,17	0,20	0,22	0,24	0,26	210
	P2 DP2000	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*690*
K2	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	180
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*590*
K3	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	155
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*510*
K4	P2 DP2000	0,11	0,13	0,16	0,18	0,20	0,22	0,24	145
	P2 DP2000	*0.0044*	*0.0050*	*0.0065*	*0.0070*	*0.0080*	*0.0085*	*0.0095*	*475*
K5	P2 DP2000	0,10	0,11	0,14	0,16	0,18	0,19	0,22	85
	P2 DP2000	*0.0040*	*0.0044*	*0.0055*	*0.0065*	*0.0070*	*0.0075*	*0.0085*	*280*
N1	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	270
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*890*
N2	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	175
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*570*
N3	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	115
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*375*
N11	P1 T250D	0,12	0,14	0,17	0,20	0,22	0,24	0,26	230
	P1 T250D	*0.0048*	*0.0055*	*0.0065*	*0.0080*	*0.0085*	*0.0095*	*0.010*	*750*
S1	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	48
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*155*
S2	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	39
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*130*
S3	MP DS2050	0,085	0,10	0,12	0,14	0,16	0,17	0,19	33
	MP DS2050	*0.0034*	*0.0040*	*0.0048*	*0.0055*	*0.0065*	*0.0065*	*0.0075*	*110*
S11	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	70
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*230*
S12	MP DS2050	0,11	0,12	0,15	0,17	0,19	0,20	0,24	55
	MP DS2050	*0.0044*	*0.0048*	*0.0060*	*0.0065*	*0.0075*	*0.0080*	*0.0095*	*180*
S13	MP DS2050	0,090	0,11	0,13	0,15	0,17	0,18	0,20	41
	MP DS2050	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*0.0065*	*0.0070*	*0.0080*	*135*
H3	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	50
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*165*
H5	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	95
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*310*
H7	P1 T250D	0,050	0,060	0,070	0,080	0,095	0,10	0,11	50
	P1 T250D	*0.0020*	*0.0024*	*0.0028*	*0.0032*	*0.0038*	*0.0040*	*0.0044*	*165*
H8	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	95
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*310*
H11	P1 T250D	0,075	0,090	0,11	0,12	0,14	0,15	0,17	125
	P1 T250D	*0.0030*	*0.0036*	*0.0044*	*0.0048*	*0.0055*	*0.0060*	*0.0065*	*410*
H12	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	110
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*360*
H21	P1 T250D	0,060	0,070	0,085	0,095	0,11	0,11	0,13	95
	P1 T250D	*0.0024*	*0.0028*	*0.0034*	*0.0038*	*0.0044*	*0.0044*	*0.0050*	*310*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD524 Velocità di taglio

SMG	v_c				
	DP2000	DP2501	DP3000	T250D	DS2050
P1	380 *1250*	340 *1125*	340 *1125*	230 *750*	340 *1125*
P2	370 *1225*	330 *1075*	330 *1075*	225 *740*	330 *1075*
P3	320 *1050*	285 *940*	285 *940*	195 *640*	285 *940*
P4	195 *640*	190 *620*	185 *610*	105 *345*	— —
P5	185 *610*	185 *610*	175 *570*	100 *330*	— —
P6	210 *690*	205 *670*	195 *640*	110 *360*	— —
P7	195 *640*	195 *640*	185 *610*	105 *345*	— —
P8	185 *610*	185 *610*	175 *570*	100 *330*	— —
P11	190 *620*	190 *620*	180 *590*	100 *330*	— —
P12	110 *360*	110 *360*	105 *345*	60 *195*	— —
M1	— —	215 *710*	235 *770*	120 *395*	— —
M2	— —	175 *570*	190 *620*	95 *310*	— —
M3	— —	145 *475*	145 *475*	75 *245*	145 *475*
M4	— —	110 *360*	110 *360*	55 *180*	105 *345*
M5	— —	90 *295*	90 *295*	46 *150*	90 *295*
K1	210 *690*	200 *660*	200 *660*	— —	— —
K2	180 *590*	170 *560*	170 *560*	— —	— —
K3	155 *510*	145 *475*	145 *475*	— —	— —
K4	145 *475*	140 *460*	140 *460*	— —	— —
K5	85 *280*	85 *280*	85 *280*	— —	— —
N1	— —	315 *1025*	315 *1025*	270 *890*	270 *890*
N2	— —	205 *670*	205 *670*	175 *570*	175 *570*
N3	— —	135 *445*	135 *445*	115 *375*	115 *375*
N11	— —	265 *870*	265 *870*	230 *750*	230 *750*
S1	— —	— —	— —	29 *95*	48 *155*
S2	— —	— —	— —	22 *70*	39 *130*
S3	— —	— —	— —	22 *70*	33 *110*
S11	— —	— —	— —	55 *180*	70 *230*
S12	— —	— —	— —	44 *145*	55 *180*
S13	— —	— —	— —	34 *110*	41 *135*
H3	— —	27 *90*	55 *180*	50 *165*	— —
H5	— —	50 *165*	100 *330*	95 *310*	— —
H7	— —	27 *90*	55 *180*	50 *165*	— —
H8	— —	50 *165*	100 *330*	95 *310*	— —
H11	— —	65 *215*	125 *410*	125 *410*	— —
H12	— —	60 *195*	65 *215*	110 *360*	— —
H21	— —	100 *330*	100 *330*	95 *310*	— —

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

SD525 ∅ **19-45 mm** / *0.768-2.000 pollici*

SMG		f					v_c
		Ø 19,50-22,49 *Ø 0.768-0.885*	Ø 22,50-28,49 *Ø 0.886-1.121*	Ø 28,50-34,49 *Ø 1.122-1.357*	Ø 34,50-40,49 *Ø1.358-1.593*	Ø 40,49-45,00 *Ø 1.594-2.000*	
P1	P2 DP2501 *P2 DP2501*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,12 *0.0048*	320 *1050*
P2	P2 DP2501 *P2 DP2501*	0,070 *0.0028*	0,085 *0.0034*	0,10 *0.0040*	0,11 *0.0044*	0,12 *0.0048*	310 *1025*
P3	P2 DP2501 *P2 DP2501*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	265 *870*
P4	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	180 *590*
P5	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	170 *560*
P6	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	190 *620*
P7	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	180 *590*
P8	P2 DP2501 *P2 DP2501*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,22 *0.0085*	170 *560*
P11	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	175 *570*
P12	P2 DP2501 *P2 DP2501*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	105 *345*
M1	P2 DP2501 *P2 DP2501*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	210 *690*
M2	P2 DP2501 *P2 DP2501*	0,090 *0.0036*	0,11 *0.0044*	0,13 *0.0050*	0,14 *0.0055*	0,15 *0.0060*	170 *560*
M3	MP DS2050 *MP DS2050*	0,075 *0.0030*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	140 *460*
M4	MP DS2050 *MP DS2050*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	95 *310*
M5	MP DS2050 *MP DS2050*	0,065 *0.0026*	0,080 *0.0032*	0,090 *0.0036*	0,10 *0.0040*	0,11 *0.0044*	80 *260*
K1	P2 DP2501 *P2 DP2501*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	185 *610*
K2	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	160 *520*
K3	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	135 *445*
K4	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,16 *0.0065*	0,18 *0.0070*	0,20 *0.0080*	0,22 *0.0085*	130 *425*
K5	P2 DP2501 *P2 DP2501*	0,11 *0.0044*	0,14 *0.0055*	0,16 *0.0065*	0,18 *0.0070*	0,19 *0.0075*	80 *260*
N1	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	240 *790*
N2	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	155 *510*
N3	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	100 *330*
N11	P1 T250D *P1 T250D*	0,14 *0.0055*	0,17 *0.0065*	0,20 *0.0080*	0,22 *0.0085*	0,24 *0.0095*	200 *660*
S1	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	44 *145*
S2	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	36 *120*
S3	MP DS2050 *MP DS2050*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,16 *0.0065*	0,17 *0.0065*	31 *100*
S11	MP DS2050 *MP DS2050*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	65 *215*
S12	MP DS2050 *MP DS2050*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,19 *0.0075*	0,20 *0.0080*	49 *160*
S13	MP DS2050 *MP DS2050*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,18 *0.0070*	38 *125*
H3	P1 T250D *P1 T250D*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,10 *0.0040*	46 *150*
H5	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	85 *280*
H7	P1 T250D *P1 T250D*	0,060 *0.0024*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,10 *0.0040*	46 *150*
H8	P1 T250D *P1 T250D*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	85 *280*
H11	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,14 *0.0055*	0,15 *0.0060*	110 *360*
H12	P1 T250D *P1 T250D*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	100 *330*
H21	P1 T250D *P1 T250D*	0,070 *0.0028*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,11 *0.0044*	85 *280*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD525 Velocità di taglio

SMG	v_c				
	DP2000	DP2501	DP3000	T250D	DS2050
P1	355 *1175*	320 *1050*	320 *1050*	205 *670*	320 *1050*
P2	345 *1125*	310 *1025*	310 *1025*	200 *660*	310 *1025*
P3	295 *970*	265 *870*	265 *870*	170 *560*	265 *870*
P4	165 *540*	180 *590*	170 *560*	90 *295*	— —
P5	155 *510*	170 *560*	165 *540*	90 *295*	— —
P6	175 *570*	190 *620*	180 *590*	100 *330*	— —
P7	165 *540*	180 *590*	170 *560*	95 *310*	— —
P8	155 *510*	170 *560*	165 *540*	90 *295*	— —
P11	160 *520*	175 *570*	165 *540*	90 *295*	— —
P12	95 *310*	105 *345*	100 *330*	55 *180*	— —
M1	— —	210 *690*	225 *740*	105 *345*	— —
M2	— —	170 *560*	180 *590*	85 *280*	— —
M3	— —	140 *460*	140 *460*	65 *215*	140 *460*
M4	— —	105 *345*	105 *345*	49 *160*	95 *310*
M5	— —	85 *280*	85 *280*	41 *135*	80 *260*
K1	195 *640*	185 *610*	185 *610*	— —	— —
K2	170 *560*	160 *520*	160 *520*	— —	— —
K3	145 *475*	135 *445*	135 *445*	— —	— —
K4	140 *460*	130 *425*	130 *425*	— —	— —
K5	80 *260*	80 *260*	80 *260*	— —	— —
N1	— —	285 *940*	285 *940*	240 *790*	240 *790*
N2	— —	185 *610*	185 *610*	155 *510*	155 *510*
N3	— —	120 *395*	120 *395*	100 *330*	100 *330*
N11	— —	235 *770*	235 *770*	200 *660*	200 *660*
S1	— —	— —	— —	26 *85*	44 *145*
S2	— —	— —	— —	20 *65*	36 *120*
S3	— —	— —	— —	20 *65*	31 *100*
S11	— —	— —	— —	50 *165*	65 *215*
S12	— —	— —	— —	39 *130*	49 *160*
S13	— —	— —	— —	30 *100*	38 *125*
H3	— —	25 *80*	48 *155*	46 *150*	— —
H5	— —	47 *155*	90 *295*	85 *280*	— —
H7	— —	25 *80*	48 *155*	46 *150*	— —
H8	— —	47 *155*	90 *295*	85 *280*	— —
H11	— —	60 *195*	115 *375*	110 *360*	— —
H12	— —	55 *180*	60 *195*	100 *330*	— —
H21	— —	90 *295*	90 *295*	85 *280*	— —

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

SD542 ∅ **60-85 mm** / *2.250-3.500 pollici*

SMG		f		v_c
		Ø60,00-65,00 *Ø 2.250-2.559*	Ø70,00-85,00 *Ø 2.750-3.500*	
P1	P2 DP2501 *P2 DP2501*	0,095 *0.0038*	0,12 *0.0048*	390 *1275*
P2	P2 DP2501 *P2 DP2501*	0,10 *0.0040*	0,12 *0.0048*	380 *1250*
P3	P2 DP2501 *P2 DP2501*	0,19 *0.0075*	0,22 *0.0085*	325 *1075*
P4	P2 DP2501 *P2 DP2501*	0,19 *0.0075*	0,22 *0.0085*	220 *720*
P5	P2 DP2501 *P2 DP2501*	0,18 *0.0070*	0,22 *0.0085*	210 *690*
P6	P2 DP2501 *P2 DP2501*	0,18 *0.0070*	0,22 *0.0085*	235 *770*
P7	P2 DP2501 *P2 DP2501*	0,18 *0.0070*	0,22 *0.0085*	220 *720*
P8	P2 DP2501 *P2 DP2501*	0,19 *0.0075*	0,22 *0.0085*	210 *690*
P11	P2 DP2501 *P2 DP2501*	0,18 *0.0070*	0,22 *0.0085*	215 *710*
P12	P2 DP2501 *P2 DP2501*	0,12 *0.0048*	0,15 *0.0060*	125 *410*
M1	P2 DP2501 *P2 DP2501*	0,14 *0.0055*	0,17 *0.0065*	235 *770*
M2	P2 DP2501 *P2 DP2501*	0,13 *0.0050*	0,15 *0.0060*	190 *620*
M3	P1 T250D *P1 T250D*	0,10 *0.0040*	0,12 *0.0048*	90 *295*
M4	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	70 *230*
M5	P1 T250D *P1 T250D*	0,090 *0.0036*	0,11 *0.0044*	55 *180*
K1	P2 DP2501 *P2 DP2501*	0,20 *0.0080*	0,24 *0.0095*	225 *740*
K2	P2 DP2501 *P2 DP2501*	0,18 *0.0070*	0,22 *0.0085*	195 *640*
K3	P2 DP2501 *P2 DP2501*	0,18 *0.0070*	0,22 *0.0085*	165 *540*
K4	P2 DP2501 *P2 DP2501*	0,18 *0.0070*	0,22 *0.0085*	160 *520*
K5	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,19 *0.0075*	95 *310*
N1	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	335 *1100*
N2	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	215 *710*
N3	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	145 *475*
N11	P1 T250D *P1 T250D*	0,20 *0.0080*	0,24 *0.0095*	285 *940*
S1	MP DS2050 *MP DS2050*	0,15 *0.0060*	0,18 *0.0070*	55 *180*
S2	MP DS2050 *MP DS2050*	0,15 *0.0060*	0,18 *0.0070*	45 *150*
S3	MP DS2050 *MP DS2050*	0,14 *0.0055*	0,17 *0.0065*	39 *130*
S11	MP DS2050 *MP DS2050*	0,17 *0.0065*	0,20 *0.0080*	80 *260*
S12	MP DS2050 *MP DS2050*	0,17 *0.0065*	0,20 *0.0080*	60 *195*
S13	MP DS2050 *MP DS2050*	0,15 *0.0060*	0,18 *0.0070*	48 *155*
H3	P1 T250D *P1 T250D*	0,080 *0.0032*	0,10 *0.0040*	65 *215*
H5	P1 T250D *P1 T250D*	0,12 *0.0048*	0,15 *0.0060*	120 *395*
H7	P1 T250D *P1 T250D*	0,080 *0.0032*	0,10 *0.0040*	65 *215*
H8	P1 T250D *P1 T250D*	0,095 *0.0038*	0,11 *0.0044*	120 *395*
H11	P1 T250D *P1 T250D*	0,12 *0.0048*	0,15 *0.0060*	155 *510*
H12	P1 T250D *P1 T250D*	0,095 *0.0038*	0,11 *0.0044*	140 *460*
H21	P1 T250D *P1 T250D*	0,095 *0.0038*	0,11 *0.0044*	120 *395*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD542 Velocità di taglio

SMG	v_c				
	DP2000	DP2501	DP3000	T250D	DS2050
P1	435 *1425*	390 *1275*	390 *1275*	290 *950*	390 *1275*
P2	425 *1400*	380 *1250*	380 *1250*	280 *920*	380 *1250*
P3	365 *1200*	325 *1075*	325 *1075*	240 *790*	325 *1075*
P4	255 *840*	220 *720*	210 *690*	130 *425*	— —
P5	245 *800*	210 *690*	200 *660*	125 *410*	— —
P6	275 *900*	235 *770*	225 *740*	140 *460*	— —
P7	260 *850*	220 *720*	210 *690*	130 *425*	— —
P8	245 *800*	210 *690*	200 *660*	125 *410*	— —
P11	250 *820*	215 *710*	205 *670*	125 *410*	— —
P12	150 *490*	125 *410*	120 *395*	75 *245*	— —
M1	— —	235 *770*	250 *820*	150 *490*	— —
M2	— —	190 *620*	205 *670*	120 *395*	— —
M3	— —	155 *510*	155 *510*	90 *295*	155 *510*
M4	— —	115 *375*	115 *375*	70 *230*	130 *425*
M5	— —	95 *310*	95 *310*	55 *180*	105 *345*
K1	235 *770*	225 *740*	225 *740*	— —	— —
K2	205 *670*	195 *640*	195 *640*	— —	— —
K3	175 *570*	165 *540*	165 *540*	— —	— —
K4	165 *540*	160 *520*	160 *520*	— —	— —
K5	100 *330*	95 *310*	95 *310*	— —	— —
N1	— —	390 *1275*	390 *1275*	335 *1100*	335 *1100*
N2	— —	250 *820*	250 *820*	215 *710*	215 *710*
N3	— —	165 *540*	165 *540*	145 *475*	145 *475*
N11	— —	325 *1075*	325 *1075*	285 *940*	285 *940*
S1	— —	— —	— —	37 *120*	55 *180*
S2	— —	— —	— —	27 *90*	45 *150*
S3	— —	— —	— —	27 *90*	39 *130*
S11	— —	— —	— —	70 *230*	80 *260*
S12	— —	— —	— —	55 *180*	60 *195*
S13	— —	— —	— —	43 *140*	48 *155*
H3	— —	31 *100*	65 *215*	65 *215*	— —
H5	— —	60 *195*	120 *395*	120 *395*	— —
H7	— —	31 *100*	65 *215*	65 *215*	— —
H8	— —	60 *195*	120 *395*	120 *395*	— —
H11	— —	75 *245*	155 *510*	155 *510*	— —
H12	— —	65 *215*	70 *230*	140 *460*	— —
H21	— —	120 *395*	120 *395*	120 *395*	— —

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

SD572 ∅ **15-52 mm** / *0.590-2.0472 pollici*

SMG		f						v_c
		Ø15,00-17,00 *Ø 0.590-0.669*	Ø18,00-20,00 *Ø 0.670-0.787*	Ø21,00-24,00 *Ø 0.788-0.944*	Ø25,00-32,00 *Ø 0.945-1.259*	Ø33,00-36,00 *Ø 1.260-1.417*	Ø37,00-52,00 *Ø 1.418-1.850*	
P1	85 DP2501	0,042	0,042	0,048	0,060	0,070	0,085	325
	85 DP2501	*0.0017*	*0.0017*	*0.0019*	*0.0024*	*0.0028*	*0.0034*	*1075*
P2	85 DP2501	0,042	0,042	0,050	0,060	0,070	0,085	320
	85 DP2501	*0.0017*	*0.0017*	*0.0020*	*0.0024*	*0.0028*	*0.0034*	*1050*
P3	86 DP2501	0,080	0,080	0,090	0,11	0,13	0,16	275
	86 DP2501	*0.0032*	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0065*	*900*
P4	86 DP2501	0,080	0,080	0,090	0,11	0,13	0,16	240
	86 DP2501	*0.0032*	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0065*	*790*
P5	86 DP2501	0,075	0,075	0,090	0,11	0,13	0,15	230
	86 DP2501	*0.0030*	*0.0030*	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*750*
P6	86 DP2501	0,075	0,075	0,090	0,11	0,13	0,15	260
	86 DP2501	*0.0030*	*0.0030*	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*850*
P7	86 DP2501	0,075	0,075	0,090	0,11	0,13	0,15	245
	86 DP2501	*0.0030*	*0.0030*	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*800*
P8	86 DP2501	0,080	0,080	0,090	0,11	0,13	0,16	230
	86 DP2501	*0.0032*	*0.0032*	*0.0036*	*0.0044*	*0.0050*	*0.0065*	*750*
P11	86 DP2501	0,075	0,075	0,090	0,11	0,13	0,15	235
	86 DP2501	*0.0030*	*0.0030*	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*770*
P12	86 DP2501	0,050	0,050	0,060	0,075	0,085	0,10	140
	86 DP2501	*0.0020*	*0.0020*	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*460*
M1	86 DP2501	0,048	0,048	0,055	0,065	0,080	0,095	235
	86 DP2501	*0.0019*	*0.0019*	*0.0022*	*0.0026*	*0.0032*	*0.0038*	*770*
M2	86 DP2501	0,042	0,042	0,050	0,060	0,070	0,085	190
	86 DP2501	*0.0017*	*0.0017*	*0.0020*	*0.0024*	*0.0028*	*0.0034*	*620*
M3	85 DP2501	0,034	0,034	0,040	0,048	0,055	0,070	145
	85 DP2501	*0.0013*	*0.0013*	*0.0016*	*0.0019*	*0.0022*	*0.0028*	*475*
M4	85 DP2501	0,030	0,030	0,034	0,042	0,050	0,060	110
	85 DP2501	*0.0012*	*0.0012*	*0.0013*	*0.0017*	*0.0020*	*0.0024*	*360*
M5	85 DP2501	0,030	0,030	0,034	0,042	0,050	0,060	90
	85 DP2501	*0.0012*	*0.0012*	*0.0013*	*0.0017*	*0.0020*	*0.0024*	*295*
K1	86 DP2501	0,075	0,075	0,090	0,11	0,13	0,15	180
	86 DP2501	*0.0030*	*0.0030*	*0.0036*	*0.0044*	*0.0050*	*0.0060*	*590*
K2	86 DP2501	0,070	0,070	0,080	0,10	0,12	0,14	155
	86 DP2501	*0.0028*	*0.0028*	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*510*
K3	86 DP2501	0,070	0,070	0,080	0,10	0,12	0,14	130
	86 DP2501	*0.0028*	*0.0028*	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*425*
K4	86 DP2501	0,070	0,070	0,080	0,10	0,12	0,14	125
	86 DP2501	*0.0028*	*0.0028*	*0.0032*	*0.0040*	*0.0048*	*0.0055*	*410*
K5	86 DP2501	0,065	0,065	0,075	0,090	0,10	0,12	75
	86 DP2501	*0.0026*	*0.0026*	*0.0030*	*0.0036*	*0.0040*	*0.0048*	*245*
S1	85 DP2501	0,055	0,055	0,060	0,075	0,090	0,11	40
	85 DP2501	*0.0022*	*0.0022*	*0.0024*	*0.0030*	*0.0036*	*0.0044*	*130*
S2	85 DP2501	0,055	0,055	0,060	0,075	0,090	0,11	30
	85 DP2501	*0.0022*	*0.0022*	*0.0024*	*0.0030*	*0.0036*	*0.0044*	*100*
S3	85 DP2501	0,050	0,050	0,060	0,070	0,085	0,10	30
	85 DP2501	*0.0020*	*0.0020*	*0.0024*	*0.0028*	*0.0034*	*0.0040*	*100*
S11	85 DP2501	0,060	0,060	0,070	0,090	0,10	0,12	80
	85 DP2501	*0.0024*	*0.0024*	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*260*
S12	85 DP2501	0,060	0,060	0,070	0,090	0,10	0,12	60
	85 DP2501	*0.0024*	*0.0024*	*0.0028*	*0.0036*	*0.0040*	*0.0048*	*195*
S13	85 DP2501	0,055	0,055	0,060	0,075	0,090	0,11	47
	85 DP2501	*0.0022*	*0.0022*	*0.0024*	*0.0030*	*0.0036*	*0.0044*	*155*
H3	86 DP2501	0,034	0,034	0,040	0,050	0,055	0,070	80
	86 DP2501	*0.0013*	*0.0013*	*0.0016*	*0.0020*	*0.0022*	*0.0028*	*260*
H5	86 DP2501	0,050	0,050	0,060	0,075	0,085	0,10	150
	86 DP2501	*0.0020*	*0.0020*	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*490*
H7	86 DP2501	0,034	0,034	0,040	0,050	0,055	0,070	80
	86 DP2501	*0.0013*	*0.0013*	*0.0016*	*0.0020*	*0.0022*	*0.0028*	*260*
H8	86 DP2501	0,040	0,040	0,046	0,055	0,065	0,080	150
	86 DP2501	*0.0016*	*0.0016*	*0.0018*	*0.0022*	*0.0026*	*0.0032*	*490*
H11	86 DP2501	0,050	0,050	0,060	0,075	0,085	0,10	195
	86 DP2501	*0.0020*	*0.0020*	*0.0024*	*0.0030*	*0.0034*	*0.0040*	*640*
H12	86 DP2501	0,040	0,040	0,046	0,055	0,065	0,080	85
	86 DP2501	*0.0016*	*0.0016*	*0.0018*	*0.0022*	*0.0026*	*0.0032*	*280*
H21	86 DP2501	0,040	0,040	0,046	0,055	0,065	0,080	150
	86 DP2501	*0.0016*	*0.0016*	*0.0018*	*0.0022*	*0.0026*	*0.0032*	*490*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD572 Velocità di taglio

SMG	v_c		
	DP2000	DP2501	DP3000
P1	375 *1225*	325 *1075*	310 *1025*
P2	365 *1200*	320 *1050*	305 *1000*
P3	315 *1025*	275 *900*	260 *850*
P4	280 *920*	240 *790*	230 *750*
P5	265 *870*	230 *750*	220 *720*
P6	300 *980*	260 *850*	245 *800*
P7	280 *920*	245 *800*	235 *770*
P8	265 *870*	230 *750*	220 *720*
P11	275 *900*	235 *770*	225 *740*
P12	160 *520*	140 *460*	135 *445*
M1	285 *940*	235 *770*	235 *770*
M2	230 *750*	190 *620*	190 *620*
M3	175 *570*	145 *475*	145 *475*
M4	130 *425*	110 *360*	110 *360*
M5	110 *360*	90 *295*	90 *295*
K1	215 *710*	180 *590*	180 *590*
K2	185 *610*	155 *510*	155 *510*
K3	160 *520*	130 *425*	130 *425*
K4	150 *490*	125 *410*	125 *410*
K5	90 *295*	75 *245*	75 *245*
S1	— —	40 *130*	40 *130*
S2	— —	30 *100*	30 *100*
S3	— —	30 *100*	30 *100*
S11	— —	80 *260*	80 *260*
S12	— —	60 *195*	60 *195*
S13	— —	47 *155*	47 *155*
H3	80 *260*	80 *260*	80 *260*
H5	150 *490*	150 *490*	150 *490*
H7	80 *260*	80 *260*	80 *260*
H8	150 *490*	150 *490*	150 *490*
H11	195 *640*	195 *640*	195 *640*
H12	95 *310*	85 *280*	80 *260*
H21	150 *490*	150 *490*	150 *490*

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

SD602 ∅ **60-160 mm** / *2.362-6.300 pollici*

SMG		f					v_c
		Ø60,00-69,99 *Ø 2.362-2.755*	Ø70,00-91,99 *Ø 2.756-3.621*	Ø92,00-110,99 *Ø 3.622-4.369*	Ø111,00-134,99 *Ø 4.370-4.314*	Ø135,00-160,00 *Ø 4.315-6.300*	
P1	P2 DP2501 *P2 DP2501*	0,085 *0.0034*	0,095 *0.0038*	0,12 *0.0048*	0,13 *0.0050*	0,12 *0.0048*	295 *970*
P2	P2 DP2501 *P2 DP2501*	0,085 *0.0034*	0,10 *0.0040*	0,12 *0.0048*	0,13 *0.0050*	0,12 *0.0048*	285 *940*
P3	P2 DP2501 *P2 DP2501*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,26 *0.010*	0,22 *0.0085*	245 *800*
P4	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	165 *540*
P5	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	160 *520*
P6	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	175 *570*
P7	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	165 *540*
P8	P2 DP2501 *P2 DP2501*	0,17 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,26 *0.010*	0,22 *0.0085*	160 *520*
P11	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,25 *0.010*	0,22 *0.0085*	160 *520*
P12	P2 DP2501 *P2 DP2501*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	95 *310*
M1	P2 DP2501 *P2 DP2501*	0,12 *0.0048*	0,14 *0.0055*	0,17 *0.0065*	0,19 *0.0075*	0,17 *0.0065*	200 *660*
M2	P2 DP2501 *P2 DP2501*	0,11 *0.0044*	0,13 *0.0050*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	160 *520*
M3	P1 DP2501 *P1 DP2501*	0,090 *0.0036*	0,10 *0.0040*	0,12 *0.0048*	0,14 *0.0055*	0,12 *0.0048*	135 *445*
M4	P1 DP2501 *P1 DP2501*	0,075 *0.0030*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,11 *0.0044*	100 *330*
M5	P1 DP2501 *P1 DP2501*	0,075 *0.0030*	0,090 *0.0036*	0,11 *0.0044*	0,12 *0.0048*	0,11 *0.0044*	85 *280*
K1	P2 DP2501 *P2 DP2501*	0,17 *0.0065*	0,20 *0.0080*	0,24 *0.0095*	0,26 *0.010*	0,24 *0.0095*	175 *570*
K2	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,24 *0.0095*	0,22 *0.0085*	150 *490*
K3	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,24 *0.0095*	0,22 *0.0085*	130 *425*
K4	P2 DP2501 *P2 DP2501*	0,16 *0.0065*	0,18 *0.0070*	0,22 *0.0085*	0,24 *0.0095*	0,22 *0.0085*	120 *395*
K5	P2 DP2501 *P2 DP2501*	0,14 *0.0055*	0,16 *0.0065*	0,19 *0.0075*	0,22 *0.0085*	0,19 *0.0075*	75 *245*
H3	P2 DP2501 *P2 DP2501*	0,070 *0.0028*	0,080 *0.0032*	0,10 *0.0040*	0,11 *0.0044*	0,10 *0.0040*	23 *75*
H5	P2 DP2501 *P2 DP2501*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	43 *140*
H7	P2 DP2501 *P2 DP2501*	0,070 *0.0028*	0,080 *0.0032*	0,10 *0.0040*	0,11 *0.0044*	0,10 *0.0040*	23 *75*
H8	P2 DP2501 *P2 DP2501*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,13 *0.0050*	0,11 *0.0044*	43 *140*
H11	P2 DP2501 *P2 DP2501*	0,11 *0.0044*	0,12 *0.0048*	0,15 *0.0060*	0,17 *0.0065*	0,15 *0.0060*	55 *180*
H12	P2 DP2501 *P2 DP2501*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,13 *0.0050*	0,11 *0.0044*	50 *165*
H21	P2 DP2501 *P2 DP2501*	0,085 *0.0034*	0,095 *0.0038*	0,11 *0.0044*	0,13 *0.0050*	0,11 *0.0044*	80 *260*

SMG = Gruppo materiale Seco
f = mm/giro
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

SD602 Velocità di taglio

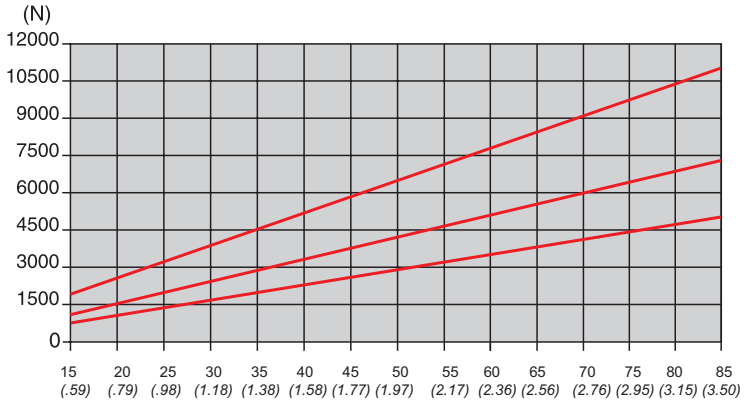
SMG	v_c			
	DP2501	DP3000	T250D	DS2050
P1	295 *970*	295 *970*	180 *590*	295 *970*
P2	285 *940*	285 *940*	175 *570*	285 *940*
P3	245 *800*	245 *800*	150 *490*	245 *800*
P4	165 *540*	160 *520*	80 *260*	— —
P5	160 *520*	150 *490*	75 *245*	— —
P6	175 *570*	170 *560*	85 *280*	— —
P7	165 *540*	160 *520*	80 *260*	— —
P8	160 *520*	150 *490*	75 *245*	— —
P11	160 *520*	155 *510*	80 *260*	— —
P12	95 *310*	90 *295*	46 *150*	— —
M1	200 *660*	215 *710*	90 *295*	— —
M2	160 *520*	175 *570*	75 *245*	— —
M3	135 *445*	135 *445*	55 *180*	135 *445*
M4	100 *330*	100 *330*	43 *140*	85 *280*
M5	85 *280*	85 *280*	36 *120*	70 *230*
K1	175 *570*	175 *570*	— —	— —
K2	150 *490*	150 *490*	— —	— —
K3	130 *425*	130 *425*	— —	— —
K4	120 *395*	120 *395*	— —	— —
K5	75 *245*	75 *245*	— —	— —
H3	23 *75*	42 *140*	40 *130*	— —
H5	43 *140*	80 *260*	75 *245*	— —
H7	23 *75*	42 *140*	40 *130*	— —
H8	43 *140*	80 *260*	75 *245*	— —
H11	55 *180*	100 *330*	95 *310*	— —
H12	50 *165*	55 *180*	85 *280*	— —
H21	80 *260*	80 *260*	75 *245*	— —

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

Parametri di lavorazione SD522, SD523, SD524, SD525, SD542 e SD572 – Grafici di potenza assorbita, portata refrigerante e forze applicate

I valori dei grafici variano in funzione dei parametri di taglio, dei materiali, dell'efficienza della macchina e dell'usura dell'utensile.
I grafici sono validi per foratura di materiali appartenenti ai gruppi Seco P5-P6 e per una velocità di taglio di 200 m/min (*655 sf/min*).

Forza di avanzamento

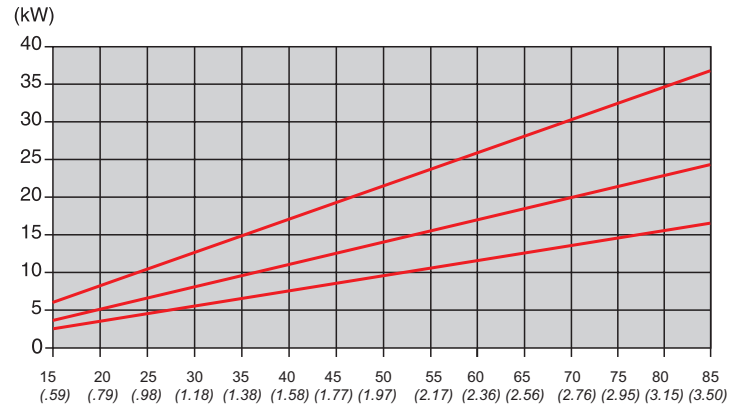


f = 0,18 mm/giro
(f = 0,007 pollici/giro)

f = 0,12 mm/giro
(f = 0,005 pollici/giro)

f = 0,08 mm/giro
(f = 0,003 pollici/giro)

Potenza assorbita

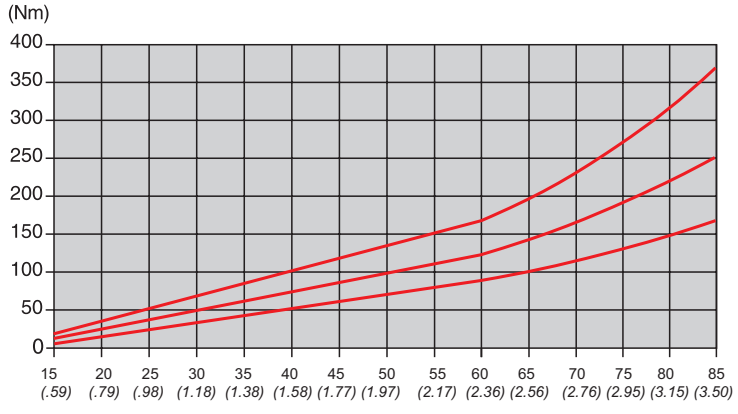


f = 0,18 mm/giro
(f = 0,007 pollici/giro)

f = 0,12 mm/giro
(f = 0,005 pollici/giro)

f = 0,08 mm/giro
(f = 0,003 pollici/giro)

Coppia applicata



f = 0,18 mm/giro
(f = 0,007 pollici/giro)

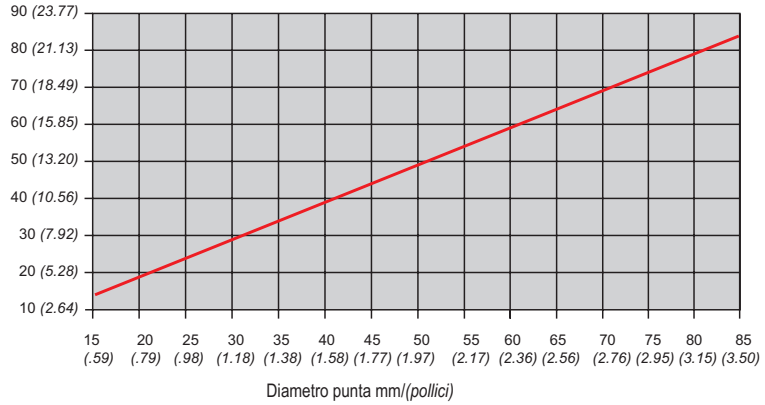
f = 0,12 mm/giro
(f = 0,005 pollici/giro)

f = 0,08 mm/giro
(f = 0,003 pollici/giro)

Parametri di lavorazione

Requisiti del volume di refrigerante

Litri/minuto *(galloni/minuto)*

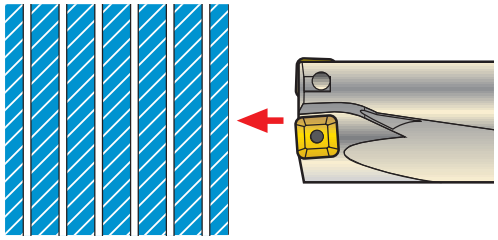


Pressione refrigerante necessaria

Pressione consigliata in bar *(PSI)*

	Diametro punta mm (*pollici*)		
Profondità di foratura	**15–25** *(0,591-0,984)*	**> 25-40** *> 0,984-1,575*	**> 40** *> 1,575*
< 3 x D	6 *(87)*	4,5 *(65)*	3 *(44)*
≥ 3 x D	12 *(174)*	9 *(130)*	6 *(87)*

Forature a pacco



A condizione che il traferro (distanza fra le piastre) sia max 0,2 mm *(0,008")*, la foratura di piastre a pacco può essere effettuata con punte SD522 (2 x D), SD523 (3 x D) e SD542 (2.5 x D) . I componenti devono essere fissati saldamente in modo da evitare flessioni durante la foratura di ciascuna piastra.

Parametri di taglio ed inserti consigliati per la foratura di elementi a pacco

Geometria inserto:	**Geometria inserto**	**Qualità di metallo duro**
Inserto centrale	SPGX-C1	T400D
Inserto periferico	SCGX-P2	DP2501

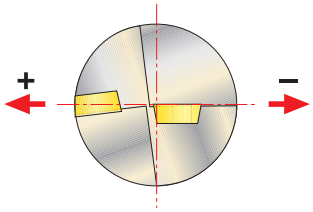
Velocità di taglio: Vedere consigli per qualità DP2501
Avanzamento/giro: Vedere consigli per geometria P2

Se insorgono problemi nel passaggio da una piastra all'altra, ridurre l'avanzamento/giro del 30-50%.

Attenzione!
Nei fori passanti viene generato un dischetto che, nelle applicazioni su tornio, può essere espulso ad alta velocità.
È importante assicurarsi che la macchina abbia le dovute protezioni per salvaguardare la sicurezza dell'operatore.

Montaggio

Regolazioni del diametro del foro e consigli per l'applicazione
La punta può essere posizionata radialmente fuori centro in modo da ottenere un diametro maggiore o minore del nominale.
Il valore massimo del fuori centro è riportato nella colonna "Regolazione radiale" nella sezione relativa alle punte ad inserti.



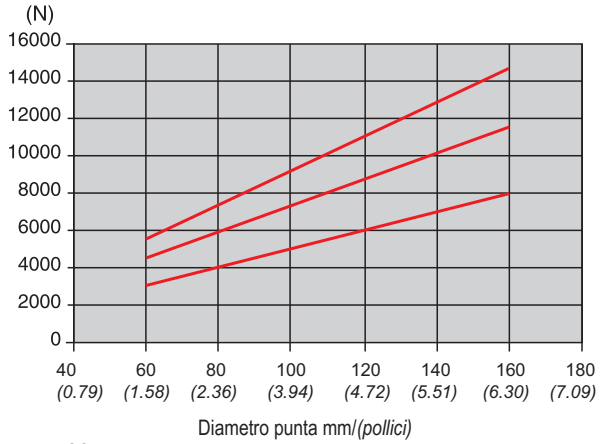
Utensili rotanti
I mandrini regolabili Seco sono consigliati per eseguire fori di precisione IT10 con punte SD522 e SD523, 3xD in applicazioni rotanti.

Utensili non rotanti
In fase di montaggio della punta, verificare che i taglienti siano paralleli alle slitte trasversali della macchina e che l'asse della punta e del pezzo siano allineati. Per ottenere fori maggiorati, posizionare la punta in modo che l'inserto periferico sia più distante dall'asse del pezzo.

Parametri di lavorazione SD602 – Grafici di potenza assorbita, portata refrigerante e forze applicate

I valori dei grafici variano, ad esempio, in funzione dei parametri di taglio e del materiale, con un'efficienza macchina dell'80%.
I grafici sono validi per i gruppi materiale Seco P5-P6 e per una velocità di taglio di 200 m/min *(655 sf/min)*.

Forza di avanzamento

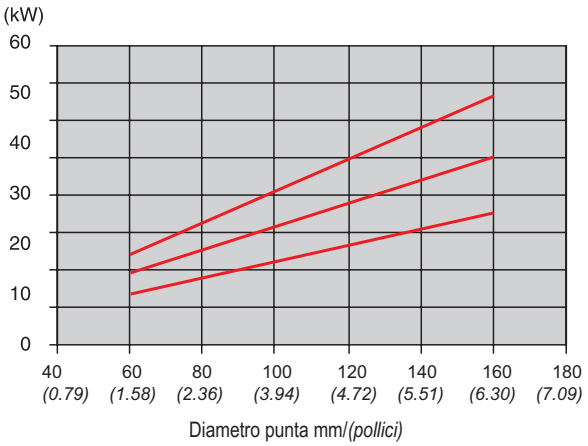


f = 0,18 mm/giro
(f = 0,007 pollici/giro)

f = 0,12 mm/giro
(f = 0,005 pollici/giro)

f = 0,08 mm/giro
(f = 0,003 pollici/giro)

Potenza assorbita

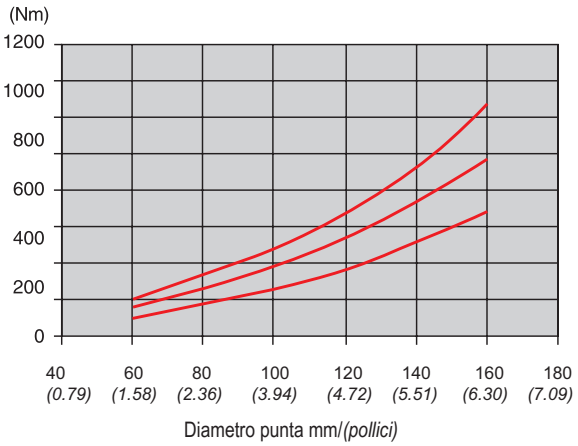


f = 0,18 mm/giro
(f = 0,007 pollici/giro)

f = 0,12 mm/giro
(f = 0,005 pollici/giro)

f = 0,08 mm/giro
(f = 0,003 pollici/giro)

Coppia applicata



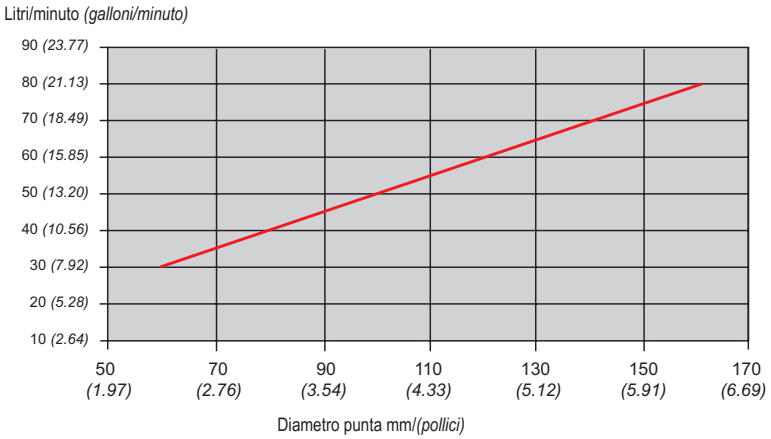
f = 0,18 mm/giro
(f = 0,007 pollici/giro)

f = 0,12 mm/giro
(f = 0,005 pollici/giro)

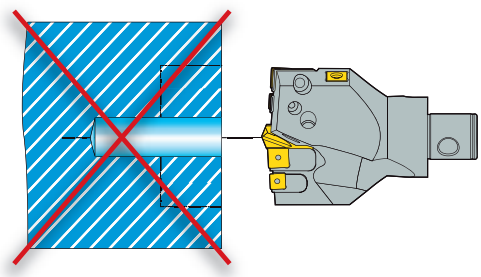
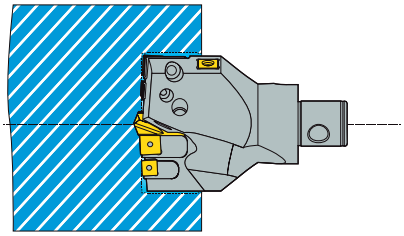
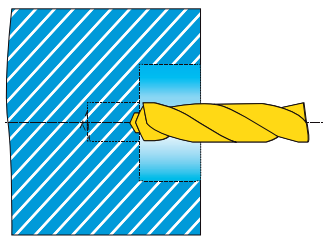
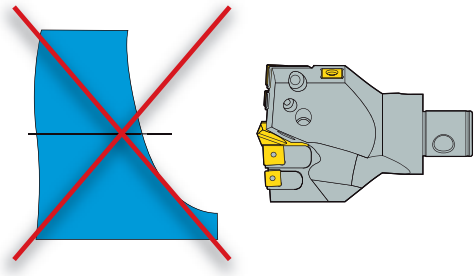
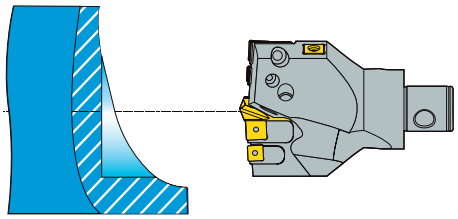
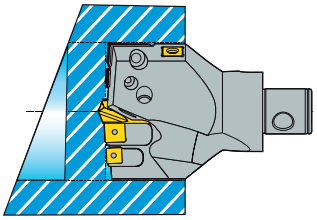
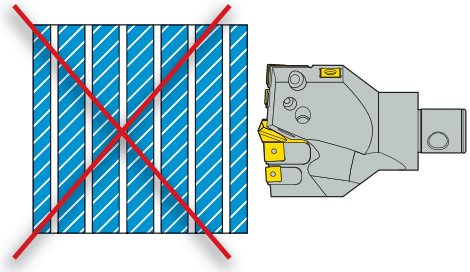
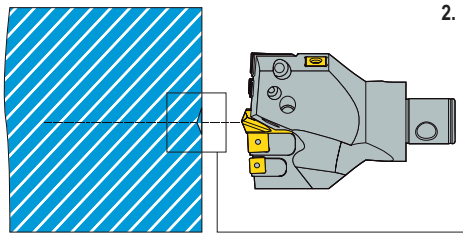
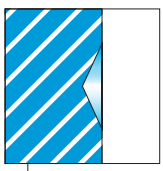
f = 0,08 mm/giro
(f = 0,003 pollici/giro)

Parametri di lavorazione SD602

Requisiti del volume di refrigerante



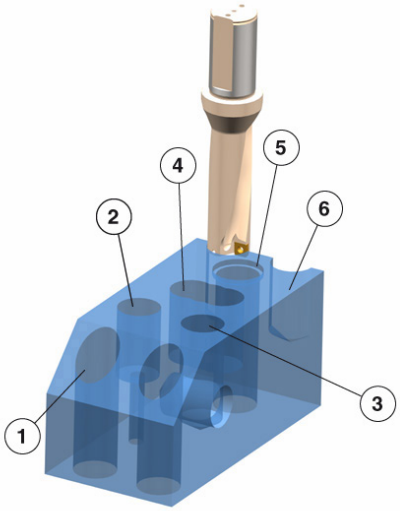
Metodi

Non consigliato	Soluzione
	1.  2. 
	1.  2. 
	1.  2.  > 5xD

Versatilità

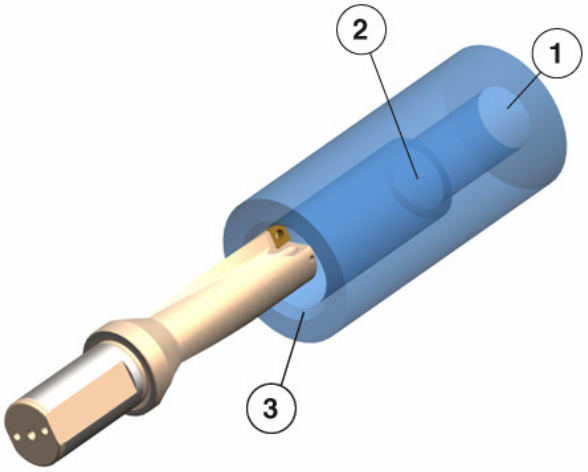
Applicazioni

1. Foro con ingresso inclinato
2. Barenatura
3. Foratura attraverso un foro preesistente
4. Foratura e penetrazione assiale
5. Foratura e svasatura mediante interpolazione circolare
6. Penetrazione assiale



Scelta multipla in operazioni non rotanti

1. Foratura
2. Barenatura / Foratura conica
3. Smusso



Raccomandazioni

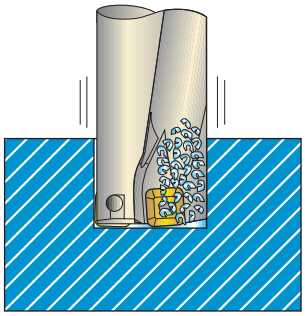
- Punte 2 x D e 3 x D (SD522, SD523)
- Ridurre l'avanzamento di circa il 50% quando la punta non è completamente impegnata
- Usare la qualità DP2501
- Usare il formatruciolo -P2

Risoluzione dei problemi

Vibrazioni

Applicazioni

- Controllare il montaggio della punta
- Controllare il montaggio del pezzo
- Aumentare l'avanzamento Se si lavorano materiali teneri, ridurre l'avanzamento ed aumentare la velocità di taglio
- Ridurre la velocità di taglio



Coppia insufficiente

- Ridurre l'avanzamento
- Utilizzare una geometria per bassi avanzamenti con formatruciolo più robusto

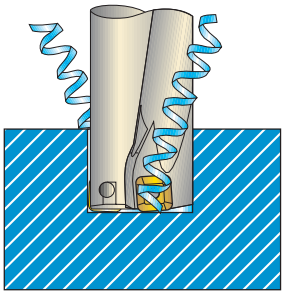
Potenza insufficiente

- Ridurre la velocità di taglio
- Ridurre l'avanzamento
- Utilizzare una geometria per bassi avanzamenti con formatruciolo più robusto (SCGX-P1)

Problemi di truciolo lungo

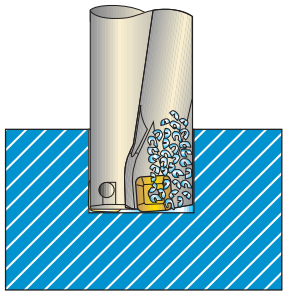
Trucioli lunghi che causano problemi di evacuazione

- Incrementare l'avanzamento. Se si lavorano materiali teneri, ridurre l'avanzamento ed aumentare la velocità di taglio
- Utilizzare una geometria per bassi avanzamenti con formatruciolo più robusto (SCGX-P1)



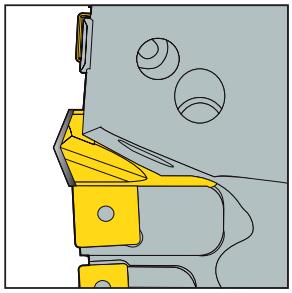
Intasamento vano scarico truciolo (truciolo corto)

- Aumentare pressione/volume del refrigerante
- Ridurre la velocità di taglio



Rapida usura sul fianco sulla punta pilota

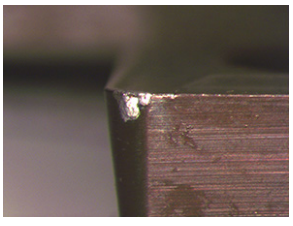
- Ridurre la velocità di taglio
- Aumentare la concentrazione del refrigerante



Problemi di durata

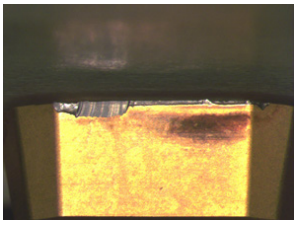
Scheggiatura dell'inserto periferico

- Ridurre l'avanzamento in entrata
- Scegliere una qualità più tenace
- Utilizzare una geometria per elevati avanzamenti (SCGX-P2)
- Ridurre l'avanzamento
- Ridurre la velocità di taglio



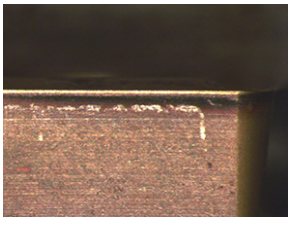
Scheggiatura dell'inserto centrale

- Controllare il montaggio della punta
- Controllare il montaggio del pezzo
- Ridurre l'avanzamento in entrata
- Aumentare l'avanzamento
- Ridurre la velocità di taglio

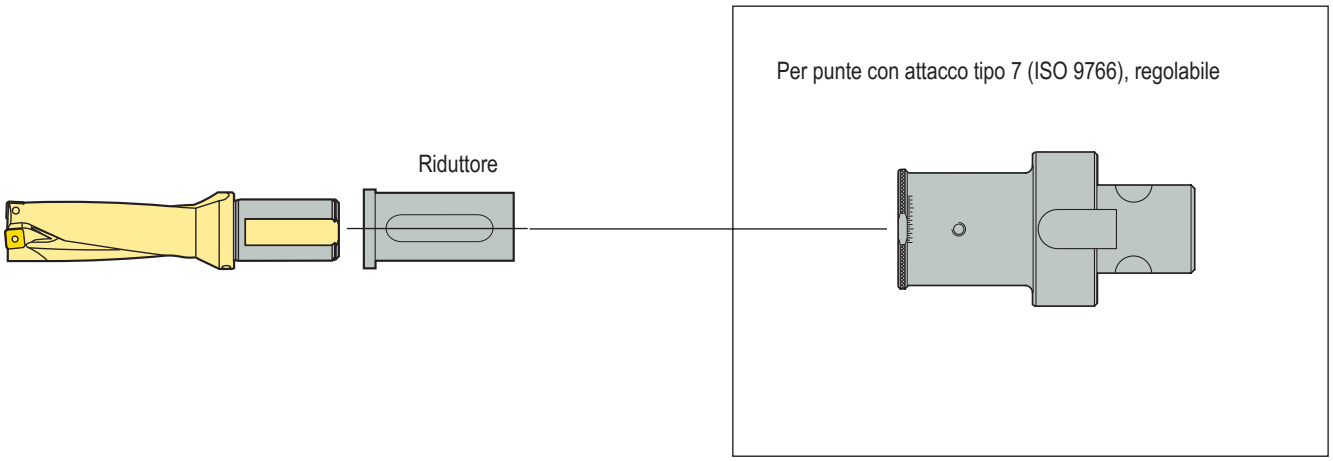


Rapida usura sul fianco sull'inserto periferico

- Ridurre la velocità di taglio
- Aumentare pressione/volume del refrigerante
- Scegliere una qualità più resistente all'usura



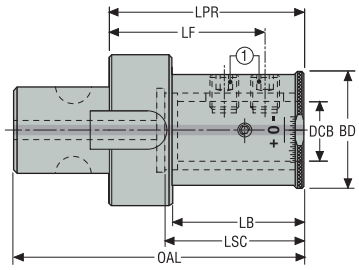
Adattatori regolabili per punte



ADH 6101– Attacchi per punte regolabili, per punte con codoli tipo 7

Graflex®





1. Vite di bloccaggio

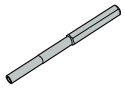
—Per punte Perfomax®
—Regolabile da -0,3 mm a +0,8 mm

		Lato macchina	Lato utensile									
Codice di ordinazione	Codice prodotto	Dimensione attacco Graflex	Per corpo punta	DCB	OAL	LPR	BD	LF	LB	LSC	Peso	Equilibra-tura
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
BM061610025	02422113	G6	R7	25,0 *0.984*	110,0 *4.331*	70,0 *2.756*	49,0 *1.929*	55,0 *2.165*	54,0 *2.126*	54,0 *2.126*	1,12 *2.470*	PB
BM061610125	02422116	G6	R7	25,4 *1.000*	110,0 *4.331*	70,0 *2.756*	49,0 *1.929*	55,0 *2.165*	54,0 *2.126*	54,5 *2.146*	1,11 *2.450*	PB
BM061610032	02422114	G6	R7	32,0 *1.260*	125,0 *4.921*	85,0 *3.346*	71,0 *2.795*	70,0 *2.756*	66,0 *2.598*	60,5 *2.382*	2,1 *4.630*	PB
BM061610138	02422118	G6	R7	38,1 *1.500*	125,0 *4.921*	85,0 *3.346*	81,0 *3.189*	70,0 *2.756*	66,0 *2.598*	60,5 *2.382*	2,45 *5.400*	PB
BM061610040	02422115	G6	R7	40,0 *1.575*	125,0 *4.921*	85,0 *3.346*	81,0 *3.189*	70,0 *2.756*	66,0 *2.598*	60,5 *2.382*	2,4 *5.290*	PB

Parti di ricambio, comprese nella fornitura

Per DCB	Vite di bloccaggio	Tenone
		
25,4/1.000	950AF1210014	90M61
25/0.984	950AF1210014	90M61
32/1.260	–	90M61
38,1/1.500	–	90M61
40/1.575	–	90M61

Accessori

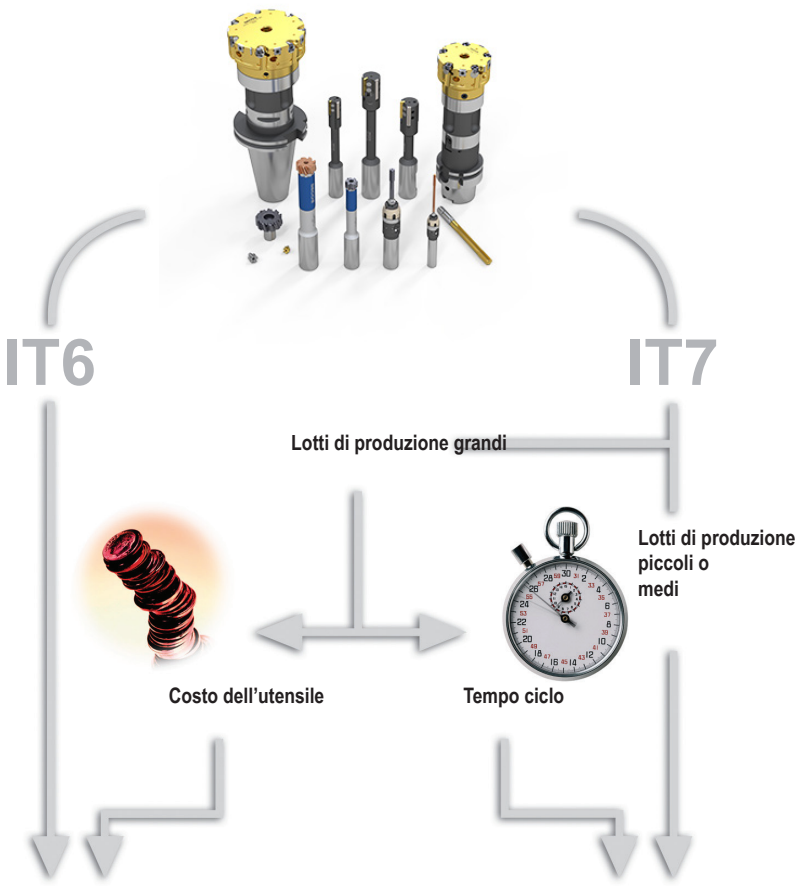
Per DCB	Chiave (impugnatura a T)	Chiave
		
25,4/1.000	DOUBLE-T	H6B-H6.0L
25/0.984	DOUBLE-T	H6B-H6.0L
32/1.260	DOUBLE-T	H6B-H6.0L
38,1/1.500	–	H06-4
40/1.575	DOUBLE-T	H6B-H6.0L

PB=Pre-equilibratura (per ulteriori dettagli, vedere la pagina relativa alla guida all'equilibratura nel catalogo Tooling Systems (Sistemi di utensili))

Integrale o ad inserto – Scegliere la soluzione migliore

Qualità, prestazioni e basso costo dell'utensile sono gli obiettivi da raggiungere La scelta di un utensile per alesatura dipende dalla tolleranza richiesta, dal numero di pezzi da produrre e dal tempo di lavorazione. I sistemi Seco per la lavorazione fori soddisfano queste richieste.
Gli alesatori Precimaster, Bifix, Xfix e Nanofix di Seco possono risolvere tutti i problemi riguardanti l'alesatura.

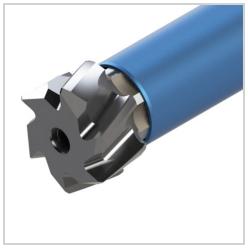
Lo schema sotto riportato guida alla scelta dell'utensile ideale per l'alesatura



Bifix®



Precimaster™ Plus



Xfix™



Nanojet / Nanofix™



Panoramica della gamma

	Pagine	Gamma ∅	Profondità di alesatura	Tolleranza ∅ foro	Diametro intermedio	Finitura superficiale
Precimaster™ Plus 	Pagine 322-358	∅ 7,75-60,500 mm *(0.3051-2.3818")*	~ 2-10 x D	IT 6-7-8	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Nanojet 	Pagine 359-384	∅ 1,461-9,960 mm *(0.057-0.392")*	~ 4-15 x D	IT 7	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Nanofix™ 	Pagine 385-406	∅ 2,970-12,050 mm *(0.1169-0.4744")*	~ 5-12 x D	IT 7	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Bifix® 	Pagine 407-433	∅ 5,900-60,500 mm *(0.2323-2.3819")*	~ 2-7 x D	IT 6-7	Disponibile tramite My Design	R_a 0,2-0,8 µm *(R_a 7.87-31.5 µin)*
Xfix™ 	Pagine 434-473	∅ 39,500-154,500 mm *(1.5551-6.0827")*	~ 2,5-6,5 x D	IT 6	Disponibile tramite My Design	R_a 0,8-1,6 µm *(R_a 31-63 µin)*



Precimaster™ Plus

Precimaster™ Plus è un sistema di alesatura modulare che privilegia la velocità, la stabiltà e la versatilità dell'alesatura, per una realizzazione di fori economicamente vantaggiosa e di elevata precisione.

- Il sistema è caratterizzato da una connessione innovativa e molto precisa, testine in metallo duro integrale e steli standard per la realizzazione di fori ciechi e passanti
- Consente di realizzare fori con campi di tolleranza da 15 a 25 micron e finiture superficiali da R_a 0,4 a R_a 0,8 µm (RMS da 15 a 35 micro/pollici)

Precimaster™ Plus – Panoramica della gamma

	Gamma ∅	Profondità di alesatura	Tolleranza ∅ foro	Diametro intermedio	Finitura superficiale
PMX5 / PMX6 / PMX8 	7,75-60 mm *(0.3051-2.3622")*	~ 2-3 x D	IT 6-7-8	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
PMX5 / PMX6 / PMX8 	7,75-60 mm *(0.3051-2.3622")*	~ 4-5 x D	IT 6-7-8	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
PMX5 / PMX6 / PMX8 	7,75-60 mm *(0.3051-2.3622")*	~ 8-10 x D	IT 6-7-8	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*

Chiave di codifica

Gli steli Precimaster Plus sono adatti sia per fori ciechi che per fori passanti.

Stelo

PMX08	–	08200	–	20	–	N	1
1		2		3		4	5

1. Dimensione stelo

2. Massima profondità di alesatura

3. Diametro stelo cilindrico

4. Neutro

5. Tipo di attacco
1. Stelo cilindrico DIN1835



Testina

PMX6	–	18H7	–	EB45	–	RX2000
1		2		3		4



PMX6

1. Tipo di testina

2. Diametro e tolleranza del foro da alesare

3. Geometria di imbocco

4. Qualità di metallo duro

Diametro intermedio testina

PMX5	–	15.515 P7	–	EB845	–	RX2000
1		2		3		4

0.6108”/0.6115”
2

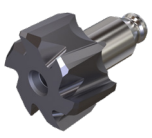
1. Tipo di testina

2. Diametro e tolleranza del foro da alesare

3. Geometria di imbocco

4. Qualità di metallo duro

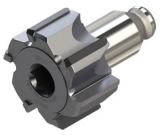
PMX4: Versione elicoidale DX, adatta solo a fori ciechi.
PMX5: Versione con elica diritta, adatta a fori ciechi e fori passanti.
PMX6: Versione elicoidale SX, adatta solo a fori passanti.
PMX8: Versione espandibile, con elica diritta, adatta a fori ciechi e fori passanti.
L’elica sinistra facilita l’evacuazione del truciolo in avanti.
L’elica destra facilita l’evacuazione del truciolo dalla parte dello stelo.
Vedere la pagina 331 per la scelta della testina Precimaster Plus.



PMX4



PMX5



PMX8

Chiave di codifica

Gli steli Precimaster Plus sono adatti sia per fori ciechi che per fori passanti.

PMX08 B HM	–	14500	–	20	–	N	1
1 2 3		4		5		6	7

1. Dimensione stelo

2. Adduzione refrigerante per fori ciechi

3. Stelo in metallo duro

4 Massima profondità di alesatura

5 Diametro stelo cilindrico

6. Neutro

7. Tipo di attacco
1. Stelo cilindrico DIN1835



PMX08 T	–	AD	–	08200	–	20	–	N	1
1 2		3		4		5		6	7

1. Dimensione stelo

2. Adduzione refrigerante per fori passanti

3. Adattatore regolabile

4 Massima profondità di alesatura

5 Diametro stelo cilindrico

6. Neutro

7. Tipo di attacco
1. Stelo cilindrico DIN1835



PMX08 T	–	FL	–	08200	–	20	–	N	1
1 2		3		4		5		6	7

1. Dimensione stelo

2. Adduzione refrigerante per fori passanti

3. Mandrino flottante

4 Massima profondità di alesatura

5 Diametro stelo cilindrico

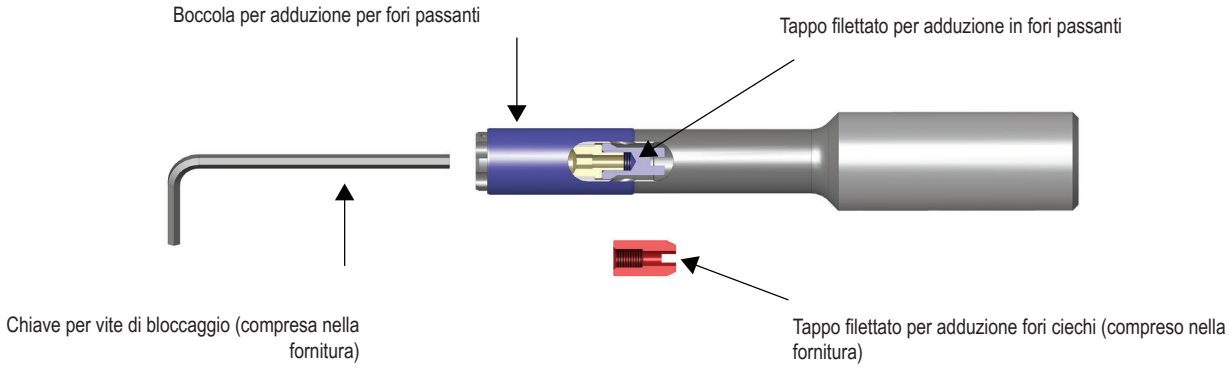
6. Neutro

7. Tipo di attacco
1. Stelo cilindrico DIN1835



Impostazione del refrigerante

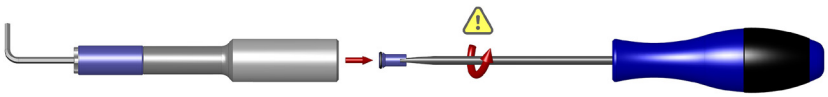
Procedura per l'impostazione dell'uscita refrigerante: descrizione parti di ricambio



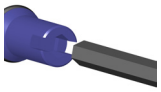
Procedura per l'impostazione dell'uscita refrigerante: Impostazione dell'utensile per adduzione fori ciechi

1.

Rimuovere il tappo filettato per fori passanti (blu)
Nota: i tappi filettati hanno filettatura sinistra

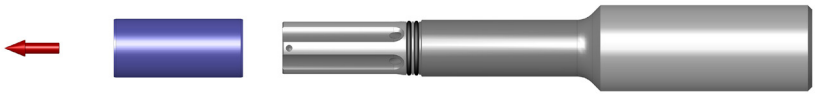


Usare un cacciavite a taglio OPPURE una chiave esagonale,
delle dimensioni indicate nella tabella

Dimensione stelo	Dimensione cacciavite a taglio in mm	Dimensione cacciavite a taglio in *pollici*	Dimensione chiave esagonale in mm	Dimensione chiave esagonale in *pollici*
				
PMX05	1,2 x 4 x 120	*0,05 x 0,16 x 4,72*	2 x 120	*0,08 x 4,72*
PMX06	1,0 x 5,5 x 150	*0,04 x 0,22 x 5,9*	2,5 x 150	*0,10 x 5,9*
PMX08	1,2 x 6,5 x 200	*0,05 x 0,26 x 7,87*	3 x 200	*0,12 x 7,87*
PMX12	1,2 x 8 x 200	*0,05 x 0,31 x 6,89*	5 x 200	*0,2 x 6,89*

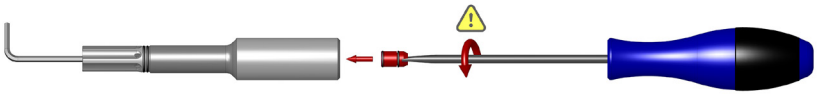
2.

Rimuovere la boccola per adduzione



3.

Montare il tappo filettato per adduzione fori ciechi
Nota: i tappi filettati hanno filettatura sinistra



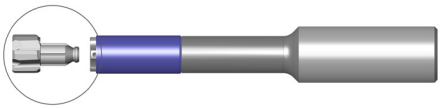
Montaggio della testina

1.

Verificare che la geometria della testina sia adatta alla tipologia di refrigerante


PMX5/PMX8


PMX6

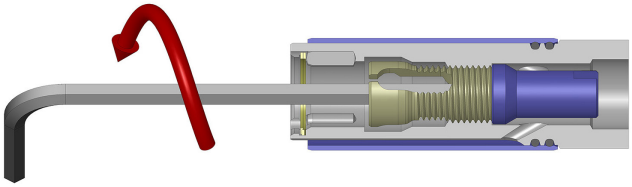

Fori passanti


PMX5/PMX8


Fori ciechi

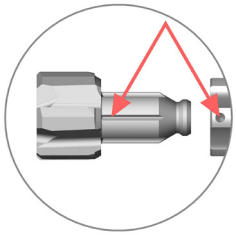
2.

Posizionare il sistema di bloccaggio prima di montare la testina

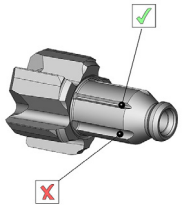


3.

Allineare la scanalatura in corrispondenza del punto rosso sul corpo



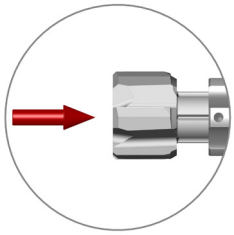
Scanalature piccole



Scanalature grandi

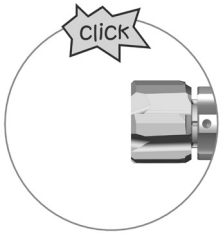
4.

Posizionare la testina sul corpo



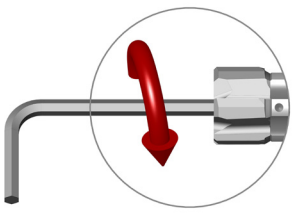
5.

Spingere la testina nel corpo fino a quando si sente "clic"



6.

Bloccare la testina con la chiave esagonale

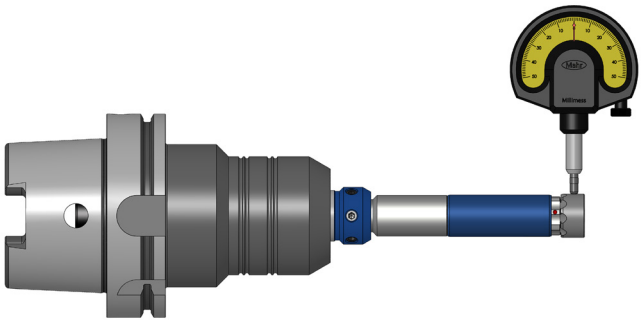


PMX Dimensione codolo	Coppia di serraggio consigliata
PMX05	0,5 Nm
PMX06	0,9 Nm
PMX08	1,2 Nm
PMX12	2,0 Nm
PMX16	5,0 Nm

Montaggio – Errore di concentricità

Utensile rotante

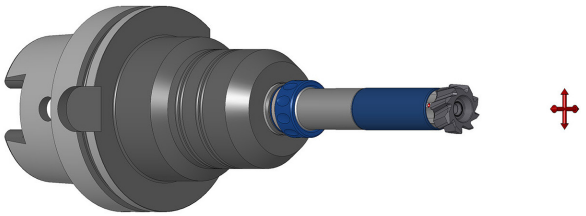
Massima eccentricità raccomandata: 10-15 µm *(393,7008-590,5512 µin)*.
Si consigliano mandrini idraulici o a calettamento termico o un porta pinze di precisione.
Per il miglior controllo dell'eccentricità, consigliamo l'uso degli adattatori regolabili Precimaster Plus PMX-AD, vedere le pagine 343-344.



Utensile fermo

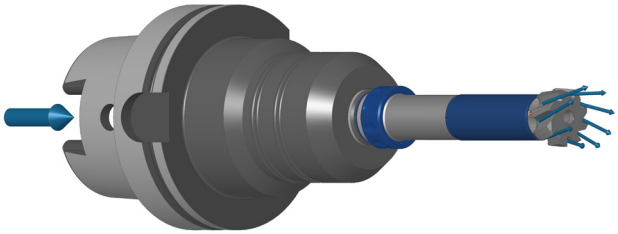
Usare steli flottanti Precimaster Plus PMX - FL, vedere le pagine 345-346.

I mandrini flottanti consentono all'alesatore di auto-centrarsi nel preforo.



Requisiti del refrigerante

Per la massima durata utensile ed una buona qualità del foro, si devono soddisfare i seguenti requisiti relativi al refrigerante.
Si raccomanda l'adduzione del refrigerante attraverso l'utensile.
L'adduzione esterna è possibile se la profondità di alesatura è < 2 x D.
Olio solubile di qualità con almeno il 40% di olio minerale.
Per l'acciaio inossidabile si consiglia olio puro.
Concentrazione minima 6-8%.
Filtrazione 30–50 µm *(1200-2000 µin)*.
Volume minimo 0,5 l/min/mm *(3,35 gal/min/pollici)* nel diametro utensile.
(Esempio: alesatore ∅ 10, il volume minimo è 5 l/min *(1,3 gal/min)*.
Pressione del refrigerante consigliata: min. 8-10 bar, max. 30 bar

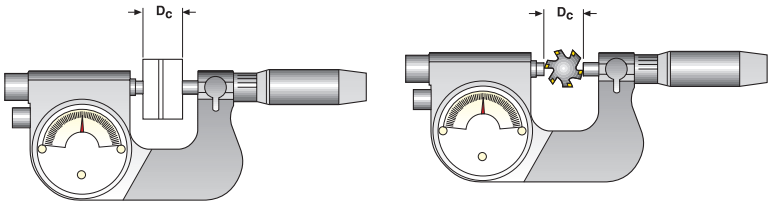


Misura diametro

Calibrare il micrometro a quadrante prima della misura del ∅.

Importante
Gli alesatori Precimaster hanno passo differenziato.
Durante la misura del diametro, è necessario assicurarsi di misurare due lame opposte a 180°.

Per le rilevazioni, utilizzare un micrometro a quadrante e dei tastatori comparatori.

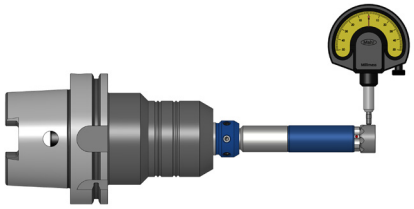


Regolazione della configurazione degli attacchi:

1.
Montare il master per controllo errore (fornito con attacco regolabile).

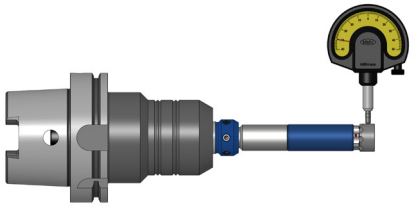
Montare l'utensile sul mandrino.

2.
Impostare l'orologio come mostrato.





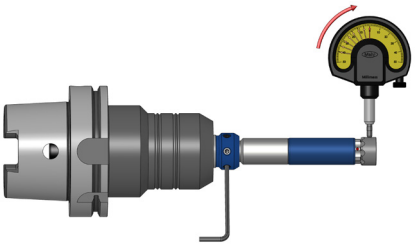
3.
Ruotare l'utensile a mano fino a trovare il valore più basso indicato.





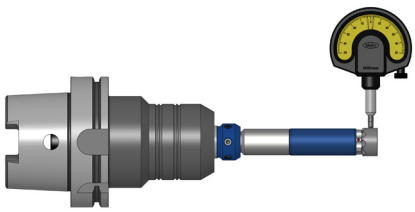
4.
Procedere alla compensazione dell'eccentricità mediante le viti di regolazione. Direzione indicata dalle frecce.

5.
Controllare l'eccentricità e ripetere la compensazione se necessario.





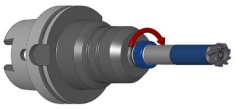
6.
Quando l'eccentricità (run-out) massima è inferiore a 5 mm *(197 µin)*, serrare le viti per bloccare la regolazione



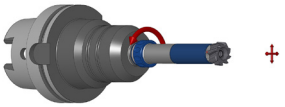


Configurazione attacchi flottanti:

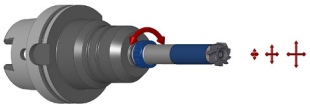
1.
Bloccare completamente lo stelo flottante ruotando l'anello di regolazione in senso orario.



2.
Aprire lo stelo flottante di 2 o 3 scatti, ruotando l'anello di regolazione in senso antiorario

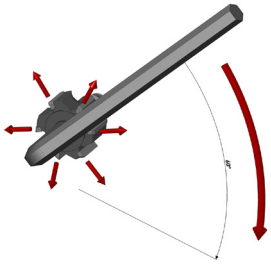


3.
Se necessario, procedere a un'ulteriore regolazione dell'anello flottante. Un valore troppo variabile può creare condizioni instabili all'ingresso del foro. Un gioco del flottante troppo piccolo può creare vibrazioni ed un foro conico.

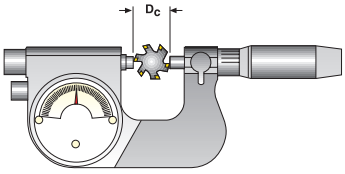


Compensazione usura dell'alesatore espandibile

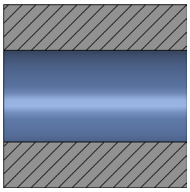
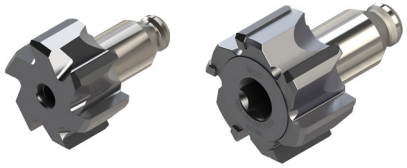
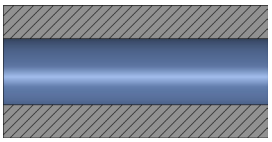
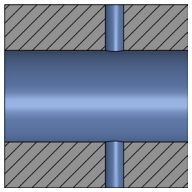
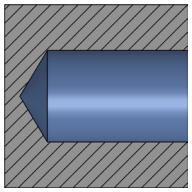
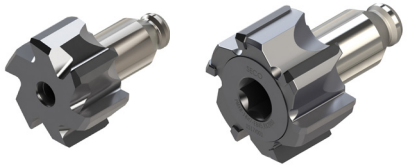
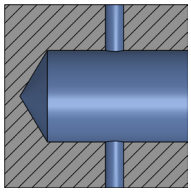
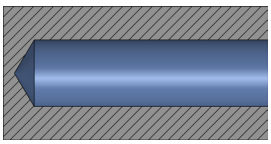
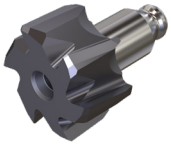
1.
Usare la chiave esagonale per compensare l'usura dell'utensile sul Ø (incrementi di 60° = circa 0,005 µm *(0,197 µin)* di compensazione sul Ø)



2.
Dopo l'espansione, controllare il Ø usando un micrometro a quadrante



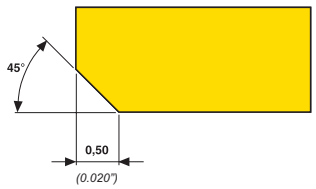
Scelta della testa

Pezzo in lavorazione	Diametro da alesare ∅ 8-60 mm *(0,3150-2,3622")*	
Foro passante corto < 3 x D 	**PMX5 / PMX8** 	
Foro passante lungo > 3 x D 	**PMX6** Per fori passanti, l'uscita di refrigerante del portautensile deve essere impostata per fori passanti: vedere le pagine relative all'impostazione del refrigerante 	
Foro passante attraverso un foro preesistente 		
Foro cieco 	**PMX5 / PMX8** Per fori ciechi, l'uscita di refrigerante del portautensile deve essere impostata per fori ciechi: vedere le pagine relative all'impostazione del refrigerante 	
Foro cieco attraverso un foro preesistente 		
Foro cieco > 3x D 	**PMX4** Per fori ciechi, l'uscita di refrigerante del portautensile deve essere impostata per fori ciechi: vedere le pagine relative all'impostazione del refrigerante 	

Scelta della geometria – Applicazioni

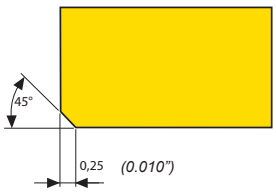
Geometria di imbocco - EB45

Controllo truciolo ++
Finitura superficiale+++ R_a 0,8-1,2 µm
(Finitura superficiale+++ R_a 31-47 µin)
Versatile



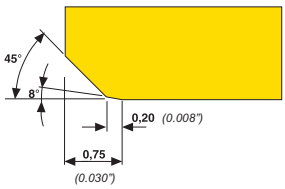
Geometria di imbocco - EBS45

Controllo truciolo +++
Finitura superficiale + R_a 0,8-1,2
(Finitura superficiale + R_a 31-47 µin)
EB45 corto



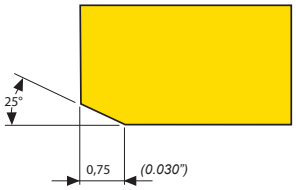
Geometria di imbocco - EB845

Controllo truciolo ++
Finitura superficiale+++ R_a 0,2-0,8 µm
(Finitura superficiale+++ R_a 8-31 µin)



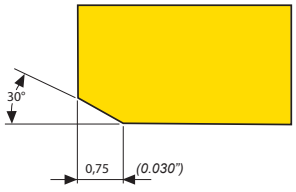
Geometria di imbocco - EB25

Possibilità di avanzamenti elevati +++
Finitura superficiale ++ R_a 0,4-0,8 µm
(Finitura superficiale ++ R_a 16-31 µin)
Controllo truciolo +

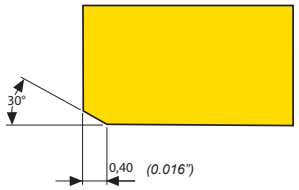
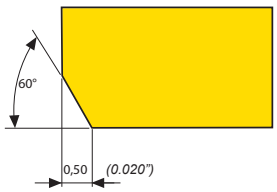
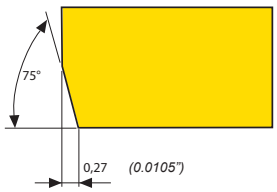


Geometria di imbocco - EB30

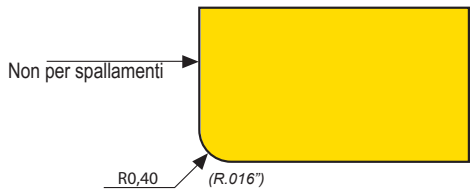
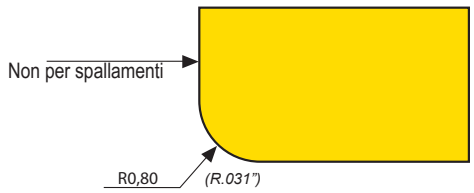
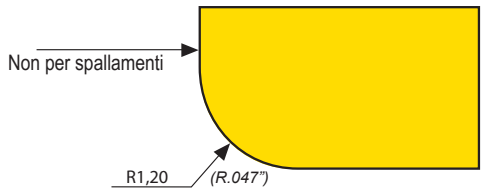
Possibilità di avanzamenti elevati +++
Finitura superficiale ++ (R_a 0,4-0,8 µm)
(Finitura superficiale ++ R_a 16-31 µin)
Controllo truciolo +



Scelta della geometria – Applicazioni

Geometria di imbocco - EBS30 Possibilità di avanzamenti elevati +++ Finitura superficiale ++ R_a 0,4-0,8 µm *(Finitura superficiale ++ R_a 16-31 µin)*Controllo truciolo + EB30 corto	
Geometria di imbocco - EB60 Possibilità di avanzamenti elevati + Finitura superficiale ++ R_a 0,8-1,2 µm *(Finitura superficiale ++ R_a 31-47 µin)* Controllo truciolo ++	
Geometria di imbocco - EB75 Possibilità di avanzamenti elevati + Finitura superficiale ++ R_a 0,8-1,2 µm *(Finitura superficiale ++ R_a 31-47 µin)* Controllo truciolo ++	

Scelta della geometria – Applicazioni

Geometria di imbocco - RE040 Possibilità di avanzamenti elevati ++ Finitura superficiale ++ R_a 0,4-0,8 µm *(Finitura superficiale ++ R_a 16-31 µin)* Controllo truciolo +	
Geometria di imbocco - RE080 Possibilità di avanzamenti elevati ++ Finitura superficiale ++ R_a 0,4-0,8 µm *(Finitura superficiale ++ R_a 16-31 µin)* Controllo truciolo +	
Geometria di imbocco - RE120 Possibilità di avanzamenti elevati ++ Finitura superficiale ++ R_a 0,4-0,8 µm *(Finitura superficiale ++ R_a 16-31 µin)* Controllo truciolo + Disponibile da Ø 14 mm *(0,551")*	

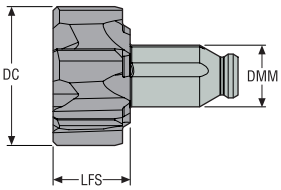
Qualità

	**RX2000**	**Rivestita** Qualità rivestita ad alte prestazioni per tutti i materiali da lavorare.
	**CP20**	**Rivestita** Qualità rivestita versatile adatta per la maggior parte dei materiali da lavorare, tranne l'alluminio. TiN
	**H15**	**Non rivestita** Qualità micrograna tenace per tutti i materiali da lavorare. Adatta per operazioni di finitura, grazie all'affilatura del tagliente.
	**CF**	**Cermet** Qualità resistente all'usura per l'ottimizzazione delle prestazioni su acciaio.
	**RX1500**	**Cermet rivestito** Qualità rivestita resistente per l'ottimizzazione delle prestazioni su acciaio e ghisa.
	**RN2010**	**Non rivestita** Qualità sub-micrograna non rivestita con geometrie ottimizzate per materiali N (non ferrosi).
	**RM2020**	**Rivestita** Qualità rivestita tenace per operazioni di finitura con geometrie ottimizzate per materiali M.
	**RM2090**	**Rivestita** Qualità rivestita resistente all'usura con geometrie specifiche per materiali M. Ottimizzazione su materiali M.
	**RK2050**	**Rivestita** Qualità rivestita tenace per operazioni di finitura con geometrie ottimizzate per materiali K.
	**RK1550**	**Cermet rivestito** Qualità rivestita resistente all'usura con geometrie specifiche per materiali K. Ottimizzazione per materiali K.
	**RS2090**	**Rivestita** Qualità rivestita resistente all'usura con geometrie specifiche per materiali S. Ottimizzazione su materiali S.

Teste per fori passanti e ciechi

∅ 8–32 mm / 0.315–1.260"





—Per la scelta della geometria, vedere le pagine 332–334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352–358

Codice di ordinazione	Codice prodotto	DC	Dimensione della punta*		LFS	DMM	Dimensione stelo	Geometrie			Qualità				
		mm	mm		mm	mm		EB45	EB845	EB30	H15	CP20	RX2000	CF	RX1500
PMX5-8H7-EB45	03123158	8,0	7,8/7,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX5-9H7-EB45	03123159	9,0	8,8/8,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX5-10H7-EB30	10020602	10,0	9,8/9,9	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX6-10H7-EB45	02965863	10,0	9,8/9,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-11H7-EB45	02925754	11,0	10,8/10,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-12H7-EB30	10019482	12,0	11,8/11,908	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX5-12H7-EB45	02925755	12,0	11,8/11,908	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-13H7-EB30	10019483	13,0	12,8/12,9	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX5-13H7-EB45	02925756	13,0	12,8/12,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-14H7-EB30	10019484	14,0	13,8/13,891	6	7,0	6,0	PMX06-xx	□	□	■	□	□	■	□	□
PMX5-14H7-EB45	02925757	14,0	13,8/13,891	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX5-15H7-EB30	10019485	15,0	14,8/14,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-15H7-EB45	02925758	15,0	14,8/14,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-16H7-EB30	10019486	16,0	15,8/15,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-16H7-EB45	02925759	16,0	15,8/15,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-17H7-EB30	10019487	17,0	16,8/16,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-17H7-EB45	02925760	17,0	16,8/16,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-18H7-EB30	10019488	18,0	17,8/17,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-18H7-EB45	02925761	18,0	17,8/17,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-19H7-EB30	10019489	19,0	18,8/18,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-19H7-EB45	02925762	19,0	18,8/18,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-20H7-EB30	10020603	20,0	19,8/19,9	6	10,0	8,0	PMX08-xx	□	□	■	□	□	■	□	□
PMX5-20H7-EB45	02925763	20,0	19,8/19,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-21H7-EB45	02925764	21,0	20,8/20,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX5-22H7-EB30	10020604	22,0	21,8/21,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-22H7-EB45	02925765	22,0	21,8/21,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-23H7-EB30	10019490	23,0	22,8/22,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-23H7-EB45	02925766	23,0	22,8/22,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-24H7-EB30	10019491	24,0	23,813/23,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-24H7-EB45	02925767	24,0	23,813/23,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-25H7-EB30	10019492	25,0	24,8/24,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-25H7-EB45	02925768	25,0	24,8/24,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-26H7-EB30	10019493	26,0	25,8/25,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-26H7-EB45	02925769	26,0	25,8/25,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-27H7-EB45	02925770	27,0	26,8/26,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-28H7-EB30	10019494	28,0	26,8/26,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-28H7-EB45	02925771	28,0	27,8/27,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-29H7-EB45	02925772	29,0	28,8/28,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX5-30H7-EB30	10019495	30,0	29,8/29,9	8	12,0	12,0	PMX12-xx	□	□	■	□	□	■	□	□
PMX5-30H7-EB45	02925773	30,0	29,8/29,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□

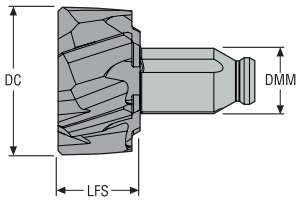
Codice di ordinazione	Codice prodotto	DC	Dimensione della punta*		LFS	DMM	Dimensione stelo	Geometrie			Qualità				
		mm	mm		mm	mm		EB45	EB845	EB30	H15	CP20	RX2000	CF	RX1500
PMX5-32H7-EB30	10019496	32,0	31,8/31,9	8	12,0	12,0	PMX12-xx	☐	☐	■	☐	☐	■	☐	☐
PMX5-32H7-EB45	02925775	32,0	31,8/31,9	8	12,0	12,0	PMX12-xx	■	☐	☐	☐	☐	■	☐	☐

*Per ulteriori informazioni su quale punta scegliere e su come utilizzarla, vedere le pagine 8
■ **Prodotto standard.** ☐ **Prodotto standard non presente a magazzino.**

Teste per fori passanti

∅ 8–32 mm / 0.315–1.260"





—Per la scelta della geometria, vedere le pagine 332–334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352–358

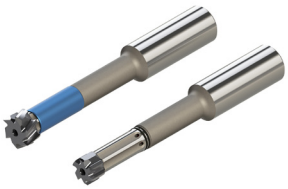
Codice di ordinazione	Codice prodotto	DC	Dimensione della punta*		LFS	DMM	Dimensione stelo	Geometrie			Qualità				
		mm	mm		mm	mm		EB45	EB845	EB30	H15	CP20	RX2000	CF	RX1500
PMX6-8H7-EB45	03123161	8,0	7,8/7,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX6-9H7-EB45	03123162	9,0	8,8/8,9	6	6,0	4,5	PMX05-xx	■	□	□	□	□	■	–	–
PMX6-10H7-EB45	02965863	10,0	9,8/9,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-11H7-EB45	02925776	11,0	10,8/10,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-12H7-EB45	02925777	12,0	11,8/11,908	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-13H7-EB45	02925778	13,0	12,8/12,9	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-14H7-EB45	02925779	14,0	13,8/13,891	6	7,0	6,0	PMX06-xx	■	□	□	□	□	■	□	□
PMX6-15H7-EB45	02925780	15,0	14,8/14,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-16H7-EB45	02925781	16,0	15,8/15,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-17H7-EB45	02925782	17,0	16,8/16,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-18H7-EB45	02925783	18,0	17,8/17,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-19H7-EB45	02925784	19,0	18,8/18,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-20H7-EB45	02925785	20,0	19,8/19,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-21H7-EB45	02925786	21,0	20,8/20,9	6	10,0	8,0	PMX08-xx	■	□	□	□	□	■	□	□
PMX6-22H7-EB45	02925030	22,0	21,8/21,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-23H7-EB45	02925031	23,0	22,8/22,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-24H7-EB45	02925032	24,0	23,813/23,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-25H7-EB45	02925033	25,0	24,8/24,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-26H7-EB45	02925034	26,0	25,8/25,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-27H7-EB45	02925035	27,0	26,8/26,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-28H7-EB45	02925036	28,0	27,8/27,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-29H7-EB45	02925037	29,0	28,8/28,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-30H7-EB45	02925038	30,0	29,8/29,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-31H7-EB45	02925039	31,0	30,8/30,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□
PMX6-32H7-EB45	02925040	32,0	31,8/31,9	8	12,0	12,0	PMX12-xx	■	□	□	□	□	■	□	□

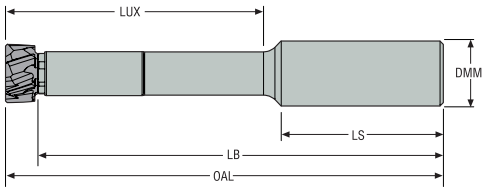
*Per ulteriori informazioni su quale punta scegliere e su come utilizzarla, vedere le pagine 8

■ Prodotto standard. □ Prodotto standard non presente a magazzino.

Codoli per fori ciechi e passanti

∅ 7,75-60,500 mm / 0.305-2.381"

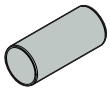
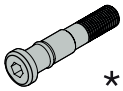




—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

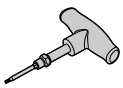
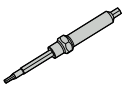
Codice di ordinazione	Codice prodotto	Materiale del codolo	DC	OAL	LB	LS	LUX	DMM
			mm	mm	mm	mm	mm	mm
PMX05-02800-10N1	03123012	Acciaio	7,75 - 9,9	69,0	63,0	40,0	28,0	10,0
PMX05-04100-10N1	02929923	Acciaio	7,75 - 9,9	84,0	78,0	40,0	41,0	10,0
PMX05-10000-10N1	03123013	Acciaio	7,75 - 9,9	143,0	137,0	40,0	100,0	10,0
PMX06-03700-12N1	02925828	Acciaio	9,901 - 14,499	84,0	77,0	45,0	37,0	12,0
PMX06-05700-12N1	02925829	Acciaio	9,901 - 14,499	104,0	97,0	45,0	57,0	12,0
PMX06-12000-12N1	02925830	Acciaio	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX06HM-12000-12N1	02925831	Metallo duro	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX08-04600-20N1	02925832	Acciaio	14,5 - 21,499	99,0	89,0	50,0	46,0	20,0
PMX08-08200-20N1	02925833	Acciaio	14,5 - 21,499	135,0	125,0	50,0	82,0	20,0
PMX08-14500-20N1	02925834	Acciaio	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX08HM-14500-20N1	02925835	Metallo duro	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX12-06800-25N1	02925836	Acciaio	21,5 - 32,499	127,0	115,0	56,0	68,0	25,0
PMX12-10400-25N1	02925837	Acciaio	21,5 - 32,499	163,0	151,0	56,0	104,0	25,0
PMX12-17000-25N1	02925838	Acciaio	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX12HM-17000-25N1	02925839	Metallo duro	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX16-06300-32N1	02925840	Acciaio	32,5 - 60,5	124,0	110,0	60,0	63,0	32,0
PMX16-12700-32N1	02925841	Acciaio	32,5 - 60,5	188,0	174,0	60,0	127,0	32,0
PMX16-17000-32N1	02925842	Acciaio	32,5 - 60,5	231,0	217,0	60,0	170,0	32,0
PMX16HM-17000-32N1	02925843	Metallo duro	32,5 - 60,5	231,0	217,0	61,0	170,0	32,0

Parti di ricambio, comprese nella fornitura

Per codolo	Per ∅ (mm)	Chiave per vite staffa	Kit di bloccaggio	Kit refrigerante	Tappo, filettato, foro cieco	Tappo, filettato, foro passante
			 *		  *	  *
PMX05	7,75-9,900	1.5SMS795	PMX05-CLKI	RT05-KI	SB05	ST05
PMX06	9,901-14,499	2SMS795	PMX06-CLKI	RT06-KI	SB06	ST06
PMX08	14,5-21,499	2.5SMS795	PMX08-CLKI	RT08-KI	SB08	ST08
PMX12	21,5-32,499	4SMS795	PMX12-CLKI	RT12-KI	SB12	ST12
PMX16	32,5-60	5SMS795	PMX16-CLKI	–	SB16	ST16

* Ricambi solo per steli PMX16. Per PMX16, le viti vengono utilizzate anche per il serraggio.

Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Valore di coppia
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

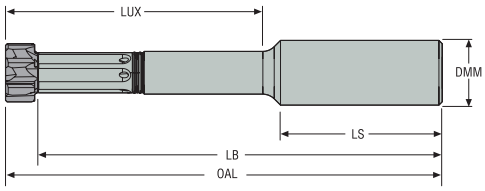
Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Estrattore Universale	Codice prodotto	Anello estrattore	Codice prodotto	Corpo estrattore	Codice prodotto	Kit estrattore
									
7,750-9,900	PMX05	10185807	PMX-EXTR05	10185811	PMX-EXTR-RING05	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
9,901-14,499	PMX06	10185808	PMX-EXTR06	10185812	PMX-EXTR-RING06	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
14,500-21,499	PMX08	10185809	PMX-EXTR08	10185813	PMX-EXTR-RING08	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
21,500-32,499	PMX12	10185810	PMX-EXTR12	10185814	PMX-EXTR-RING012	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
32,500-60,500	PMX16	–	–	–	–	–	–	–	–

Codoli per fori ciechi

∅ 7,75-60,500 mm / 0.305-2.381"

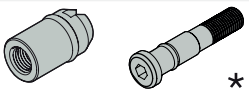




—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

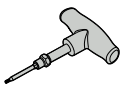
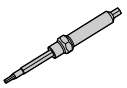
Codice di ordinazione	Codice prodotto	Materiale del codolo	DC	OAL	LB	LS	LUX	DMM
			mm	mm	mm	mm	mm	mm
PMX05B-02800-10N1	03144322	Acciaio	7,75 - 9,9	69,0	63,0	40,0	28,0	10,0
PMX05B-04100-10N1	03144323	Acciaio	7,75 - 9,9	84,0	78,0	40,0	41,0	10,0
PMX05B-10000-10N1	03144324	Acciaio	7,75 - 9,9	143,0	137,0	40,0	100,0	10,0
PMX06B-03700-12N1	03075433	Acciaio	9,901 - 14,499	84,0	77,0	45,0	37,0	12,0
PMX06B-05700-12N1	03075434	Acciaio	9,901 - 14,499	104,0	97,0	45,0	57,0	12,0
PMX06B-12000-12N1	03075435	Acciaio	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX06BHM-12000-12N1	03075436	Metallo duro	9,901 - 14,499	167,0	160,0	45,0	120,0	12,0
PMX08B-04600-20N1	03075437	Acciaio	14,5 - 21,499	99,0	89,0	50,0	46,0	20,0
PMX08B-08200-20N1	03075438	Acciaio	14,5 - 21,499	135,0	125,0	50,0	82,0	20,0
PMX08B-14500-20N1	03075439	Acciaio	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX08BHM-14500-20N1	03075440	Metallo duro	14,5 - 21,499	198,0	188,0	50,0	145,0	20,0
PMX12B-06800-25N1	03075441	Acciaio	21,5 - 32,499	127,0	115,0	56,0	68,0	25,0
PMX12B-10400-25N1	03075442	Acciaio	21,5 - 32,499	163,0	151,0	56,0	104,0	25,0
PMX12B-17000-25N1	03075443	Acciaio	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX12BHM-17000-25N1	03075444	Metallo duro	21,5 - 32,499	229,0	217,0	56,0	170,0	25,0
PMX16B-06300-32N1	03075445	Acciaio	32,5 - 60,5	124,0	110,0	61,0	63,0	32,0
PMX16B-12700-32N1	03075446	Acciaio	32,5 - 60,5	188,0	174,0	61,0	127,0	32,0
PMX16B-17000-32N1	03075447	Acciaio	32,5 - 60,5	231,0	217,0	61,0	170,0	32,0
PMX16BHM-17000-32N1	03075448	Metallo duro	32,5 - 60,5	231,0	217,0	61,0	170,0	32,0

Parti di ricambio, comprese nella fornitura

Per codolo	Per ∅ (mm)	Chiave per vite staffa	Kit di bloccaggio	Tappo, filettato, foro cieco
			 *	 *
PMX05B	7,75-9,900	1.5SMS795	PMX05-CLKI	SB05
PMX06B	9,901-14,499	2SMS795	PMX06-CLKI	SB06
PMX08B	14,500-21,499	2.5SMS795	PMX08-CLKI	SB08
PMX12B	21,500-32,499	4SMS795	PMX12-CLKI	SB12
PMX16B	32,500-60,000	5SMS795	PMX16-CLKI	SB16

* Ricambi solo per steli PMX16. Per PMX16, le viti vengono utilizzate anche per il serraggio.

Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Valore di coppia
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

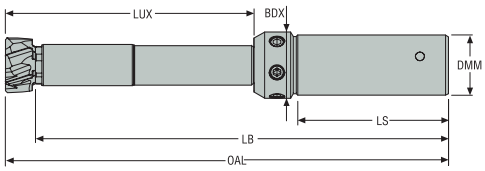
Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Estrattore Universale	Codice prodotto	Anello estrattore	Codice prodotto	Corpo estrattore	Codice prodotto	Kit estrattore
									
7,750-9,900	PMX05	10185807	PMX-EXTR05	10185811	PMX-EXTR-RING05	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
9,901-14,499	PMX06	10185808	PMX-EXTR06	10185812	PMX-EXTR-RING06	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
14,500-21,499	PMX08	10185809	PMX-EXTR08	10185813	PMX-EXTR-RING08	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
21,500-32,499	PMX12	10185810	PMX-EXTR12	10185814	PMX-EXTR-RING012	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
32,500-60,500	PMX16	–	–	–	–	–	–	–	–

Codoli regolabili per fori passanti

∅ 7,75-60,500 mm / 0.305-2.381"

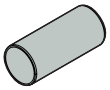




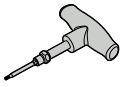
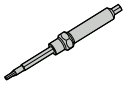
—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

Codice di ordinazione	Codice prodotto	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05T-AD-04100-16N1	03271918	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06T-AD-05700-16N1	03002833	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08T-AD-08200-20N1	03002835	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12T-AD-10400-25N1	03002837	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16T-AD-12700-32N1	03002839	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Parti di ricambio, comprese nella fornitura

Per codolo	Per ∅ (mm)	Chiave per vite staffa	Anello adduz. refrigerante	Chiave di regolazione	Master per controllo errore di concentricità	Vite di regolazione
						
PMX05T	7,750-9,900	1.5SMS795	RT05-KI	2SMS795	PMX05-MSTR	HCM4X4X0.5/ISO4026
PMX06T	9,901-14,499	–	RT06-KI	2SMS795	PMX06-MSTR	HCM4X4X0.5/ISO4026
PMX08T	14,50-21,499	–	RT08-KI	2.5SMS795	PMX08-MSTR	HCM5X5X0.5/ISO4026
PMX12T	21,50-32,499	4SMS795	RT12-KI	3SMS795	PMX12-MSTR	HCM6X6X0.75/ISO4026
PMX16T	32,50-60,000	5SMS795	–	3SMS795	–	HCM6X6X0.75/ISO4026

Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Valore di coppia
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Accessori

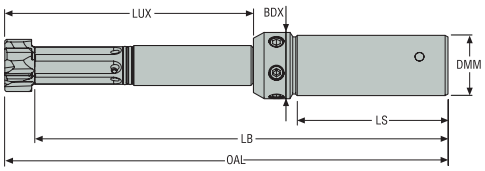
Per ∅ (mm)	Dimensione codolo	Codice prodotto	Estrattore Universale	Codice prodotto	Anello estrattore	Codice prodotto	Corpo estrattore	Codice prodotto	Kit estrattore
									
7,750-9,900	PMX05	10185807	PMX-EXTR05	10185811	PMX-EXTR-RING05	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
9,901-14,499	PMX06	10185808	PMX-EXTR06	10185812	PMX-EXTR-RING06	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
14,500-21,499	PMX08	10185809	PMX-EXTR08	10185813	PMX-EXTR-RING08	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
21,500-32,499	PMX12	10185810	PMX-EXTR12	10185814	PMX-EXTR-RING012	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
32,500-60,500	PMX16	–	–	–	–	–	–	–	–

Nota: Il kit staffa per riparazione PMxx-CLKI non è adatto per gli steli PMX FL & AD

Codoli regolabili per fori ciechi

∅ 7,75–60,500 mm / 0.305–2.381"





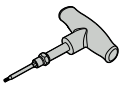
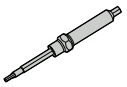
—Per la scelta della geometria, vedere le pagine 332–334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352–358

Codice di ordinazione	Codice prodotto	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05B-AD-04100-16N1	03271919	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06B-AD-05700-16N1	03002834	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08B-AD-08200-20N1	03002836	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12B-AD-10400-25N1	03002838	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16B-AD-12700-32N1	03002840	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Parti di ricambio, comprese nella fornitura

Per codolo	Per ∅ (mm)	Chiave per vite staffa	Chiave di regolazione	Master per controllo errore di concentricità	Vite di regolazione
					
PMX05B	7,750-9,900	1.5SMS795	2SMS795	PMX05-MSTR	HCM4X4X0.5/ISO4026
PMX06B	9,901-14,499	2SMS795	–	PMX06-MSTR	HCM4X4X0.5/ISO4026
PMX08B	14,50-21,499	–	2.5SMS795	PMX08-MSTR	HCM5X5X0.5/ISO4026
PMX12B	21,50-32,499	4SMS795	3SMS795	PMX12-MSTR	HCM6X6X0.75/ISO4026
PMX16B	32,50-60,000	5SMS795	3SMS795	–	HCM6X6X0.75/ISO4026

Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Valore di coppia
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Accessori

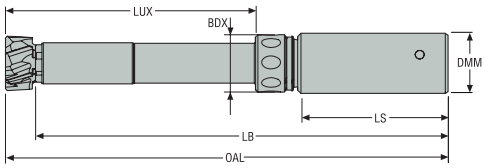
Per ∅ (mm)	Dimensione codolo	Codice prodotto	Estrattore Universale	Codice prodotto	Anello estrattore	Codice prodotto	Corpo estrattore	Codice prodotto	Kit estrattore
									
7,750-9,900	PMX05	10185807	PMX-EXTR05	10185811	PMX-EXTR-RING05	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
9,901-14,499	PMX06	10185808	PMX-EXTR06	10185812	PMX-EXTR-RING06	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
14,500-21,499	PMX08	10185809	PMX-EXTR08	10185813	PMX-EXTR-RING08	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
21,500-32,499	PMX12	10185810	PMX-EXTR12	10185814	PMX-EXTR-RING012	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
32,500-60,500	PMX16	–	–	–	–	–	–	–	–

Nota: Il kit staffa per riparazione PMxx-CLKI non è adatto per gli steli PMX FL & AD

Codoli flottanti per fori passanti

∅ 7,75-60,500 mm / 0.305-2.381"

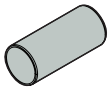




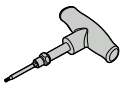
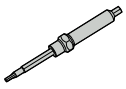
—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

Codice di ordinazione	Codice prodotto	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05T-FL-04100-16N1	03197751	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06T-FL-05700-16N1	03002825	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08T-FL-08200-20N1	03002827	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12T-FL-10400-25N1	03002829	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16T-FL-12700-32N1	03002831	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Parti di ricambio, comprese nella fornitura

Per codolo	Per ∅ (mm)	Chiave per vite staffa	Anello adduz. refrigerante	Chiave di regolazione
				
PMX05T	7,750-9,900	1.5SMS795	RT05-KI	–
PMX06T	9,901-14,499	–	RT06-KI	2SMS795
PMX08T	14,50-21,499	–	RT08-KI	2.5SMS795
PMX12T	21,50-32,499	4SMS795	RT12-KI	–
PMX16T	32,50-60,000	5SMS795	–	–

Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Valore di coppia
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Accessori

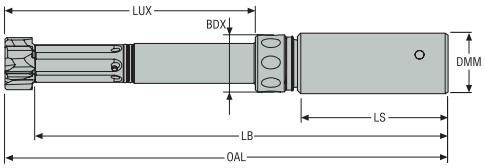
Per ∅ (mm)	Dimensione codolo	Codice prodotto	Estrattore Universale	Codice prodotto	Anello estrattore	Codice prodotto	Corpo estrattore	Codice prodotto	Kit estrattore
									
7,750-9,900	PMX05	10185807	PMX-EXTR05	10185811	PMX-EXTR-RING05	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
9,901-14,499	PMX06	10185808	PMX-EXTR06	10185812	PMX-EXTR-RING06	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
14,500-21,499	PMX08	10185809	PMX-EXTR08	10185813	PMX-EXTR-RING08	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
21,500-32,499	PMX12	10185810	PMX-EXTR12	10185814	PMX-EXTR-RING012	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
32,500-60,500	PMX16	–	–	–	–	–	–	–	–

Nota: Il kit staffa per riparazione PMxx-CLKI non è adatto per gli steli PMX FL & AD

Codoli flottanti per fori ciechi

∅ 7,75–60,500 mm / 0.305–2.381"





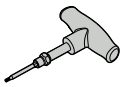
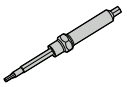
—Per la scelta della geometria, vedere le pagine 332–334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352–358

Codice di ordinazione	Codice prodotto	DC	OAL	LB	LS	LUX	DMM
		mm	mm	mm	mm	mm	mm
PMX05B-FL-04100-16N1	03271916	7,75 - 9,9	102,0	96,0	48,0	41,0	16,0
PMX06B-FL-05700-16N1	03002826	9,901 - 14,499	117,0	110,0	48,0	57,0	16,0
PMX08B-FL-08200-20N1	03002828	14,5 - 21,499	147,0	137,0	50,0	82,0	20,0
PMX12B-FL-10400-25N1	03002830	21,5 - 32,499	179,0	167,0	56,0	104,0	25,0
PMX16B-FL-12700-32N1	03002832	32,5 - 60,5	214,0	200,0	60,0	127,0	32,0

Parti di ricambio, comprese nella fornitura

Per codolo	Per ∅ (mm)	Chiave per vite staffa
		
PMX05B	7,750-9,900	1.5SMS795
PMX06B	9,901-14,499	2SMS795
PMX08B	14,50-21,499	2.5SMS795
PMX12B	21,50-32,499	4SMS795
PMX16B	32,50-60,500	5SMS795

Accessori

Per ∅ (mm)	Dimensione codolo	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Codice prodotto	Chiave dinamometrica	Codice prodotto	Bit sostituibile	Valore di coppia
										
7,750-9,900	PMX05	03178196	H00-1505-27	03178237	H00-1.5-27	–	–	–	–	0,5 Nm
9,901-14,499	PMX06	03178197	H00-2009-33	03178238	H00-2.0-33	–	–	–	–	0,9 Nm
14,500-21,499	PMX08	03178199	H00-2512-40	03178240	H00-2.5-40	–	–	–	–	1,2 Nm
21,500-32,499	PMX12	03178201	H00-4020-60	03178242	H00-4.0-60	–	–	–	–	2,0 Nm
32,500-60,500	PMX16	–	–	–	–	03271887	H00T-5050	02506761	H00T-5.0	5,0 Nm

Accessori

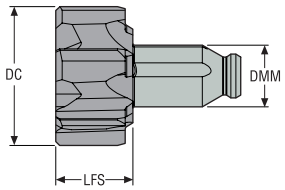
Per ∅ (mm)	Dimensione codolo	Codice prodotto	Estrattore Universale	Codice prodotto	Anello estrattore	Codice prodotto	Corpo estrattore	Codice prodotto	Kit estrattore
									
7,750-9,900	PMX05	10185807	PMX-EXTR05	10185811	PMX-EXTR-RING05	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
9,901-14,499	PMX06	10185808	PMX-EXTR06	10185812	PMX-EXTR-RING06	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
14,500-21,499	PMX08	10185809	PMX-EXTR08	10185813	PMX-EXTR-RING08	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
21,500-32,499	PMX12	10185810	PMX-EXTR12	10185814	PMX-EXTR-RING012	10185815	PMX-EXTR-BDY	10185816	PMX-EXTR-KIT
32,500-60,500	PMX16	–	–	–	–	–	–	–	–

Nota: Il kit staffa per riparazione PMxx-CLKI non è adatto per gli steli PMX FL & AD

Teste per fori passanti e ciechi, Utensili speciali

∅ 7,75-60,500 mm / 0.305-2.381"





—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

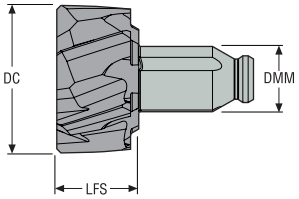
Codice di ordinazione	DCN	DCX	LFS	DMM		Dimensione stelo	Geometrie	Qualità										
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX5-7.75-XX-XXXX	7,75 *0.305*	9,9 *0.390*	6,0 *0.236*	4,5 *0.177*	6	PMX05-xx	EB45 EB845 EB30	□	□	□	□	□	–	–	□	□	□	□
PMX5-10.0-XX-XXXX	9,901 *0.390*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX5-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX5-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-XX	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX5-32.5-XX-XXXX	32,5 *1.280*	60,5 *2.382*	14,0 *0.551*	16,0 *0.630*	10	PMX16-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□

□ = Prodotto standard non presente a magazzino.
Nota: Quando si ordinano alesatori Precimaster Plus per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: PMX5-16.515 P7-EB45 RM2020.

Teste per fori passanti, Utensili speciali

∅ 7,75-60,500 mm / 0.305-2.381"





—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

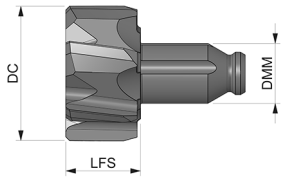
Codice di ordinazione	DCN	DCX	LFS	DMM		Dimensione stelo	Geometrie	Qualità										
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX6-7.75-XX-XXXX	7,75 *0.305*	9,9 *0.390*	6,0 *0.236*	4,5 *0.177*	6	PMX05-xx	EB45 EB845 EB30	□	□	□	□	□	–	–	□	□	□	□
PMX6-10.0-XX-XXXX	9,901 *0.390*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX6-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX6-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-XX	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX6-32.5-XX-XXXX	32,5 *1.280*	60,5 *2.382*	14,0 *0.551*	16,0 *0.630*	10	PMX16-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□

□ = Prodotto standard non presente a magazzino.
Nota: Quando si ordinano alesatori Precimaster Plus per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: PMX6-16.515 P7-EB45 RM2020.

Teste per fori ciechi, Utensili speciali

∅ 7,75-60,500 mm / 0.305-2.381"





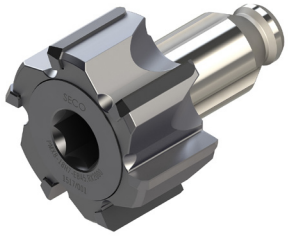
—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

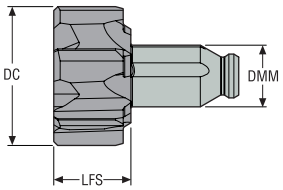
Codice di ordinazione	DCN	DCX	LFS	DMM		Dimensione stelo	Geometrie	Qualità										
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX4-7.75-XX-XXXX	7,75 *0.305*	9,9 *0.390*	6,0 *0.236*	4,5 *0.177*	6	PMX05-xx	EB45 EB84 EB30	□	□	□	□	□	–	–	□	□	□	□
PMX4-10.0-XX-XXXX	9,901 *0.390*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX4-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX4-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX4-32.5-XX-XXXX	32,5 *1.280*	60,5 *2.382*	14,0 *0.551*	16,0 *0.630*	10	PMX16-xx	EB45 EB84 EB30	□	□	□	□	□	□	□	□	□	□	□

□ **= Prodotto standard non presente a magazzino.**
Nota: Quando si ordinano alesatori Precimaster Plus per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: PMX4-16.515 P7-EB45 RM2020.

Teste espandibili per fori ciechi e passanti

∅ 10,00-32,500 mm / 0.393-1.279"





—Per la scelta della geometria, vedere le pagine 332-334
—Per i parametri di taglio raccomandati, vedere pagina(e) 352-358

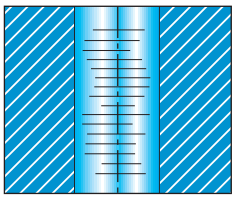
Codice di ordinazione	DCN	DCX	LFS	DMM		Dimensione stelo	Geometrie	Qualità										
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				H15	CP20	RX2000	RK2050	RK1550	CF	RX1500	RN2010	RM2020	RM2090	RS2090
PMX8-10.0-XX-XXXX	10,0 *0.394*	14,499 *0.571*	7,0 *0.276*	6,0 *0.236*	6	PMX06-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX8-14.5-XX-XXXX	14,5 *0.571*	21,499 *0.846*	10,0 *0.394*	8,0 *0.315*	6	PMX08-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□
PMX8-21.5-XX-XXXX	21,5 *0.846*	32,499 *1.279*	12,0 *0.472*	12,0 *0.472*	8	PMX12-xx	EB45 EB845 EB30	□	□	□	□	□	□	□	□	□	□	□

□ **= Prodotto standard non presente a magazzino.**
Nota: Quando si ordinano alesatori Precimaster Plus per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: PMX8-16.515 P7-EB45 RM2020.

Risoluzione dei problemi

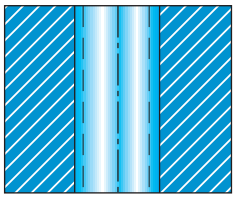
Cattiva finitura superficiale

– Controllare il sovrametallo
– Migliorare le condizioni di lubrorefrigerazione (tipo di adduzione, pressione, qualità)
– Ridurre l'avanzamento



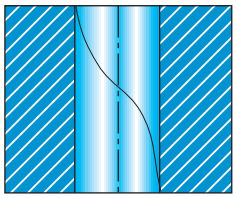
Foro maggiorato

– Migliorare il centraggio (asse alesatore/foro)



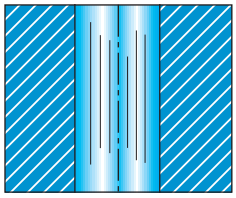
Rigature di ritorno

– Migliorare le condizioni di lubrorefrigerazione (tipo di adduzione, pressione, qualità)
– Migliorare il centraggio (asse alesatore/foro)
– Ridurre la velocità di ritorno



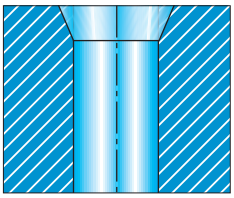
Rigature

– Migliorare il centraggio (asse alesatore/foro)
– Controllare il sovrametallo



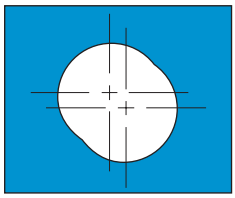
Foro conico all'entrata

– Ridurre l'avanzamento
– Migliorare il centraggio (asse alesatore/foro)
– Ridurre l'eccentricità radiale



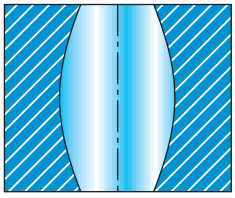
Foro fuori centro/ovale

– Migliorare il serraggio (deformazione del pezzo)
– Controllare il sovrametallo
– Migliorare il centraggio (asse alesatore/foro)



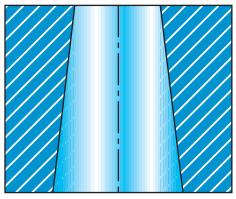
Foro deformato

– Migliorare il serraggio (deformazione del pezzo)



Foro conico

– Migliorare il centraggio (asse alesatore/foro)



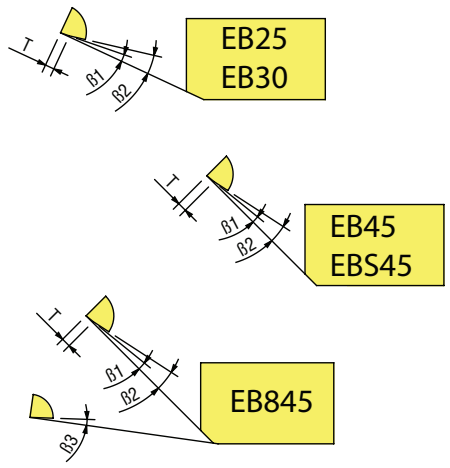
Istruzioni per la riaffilatura

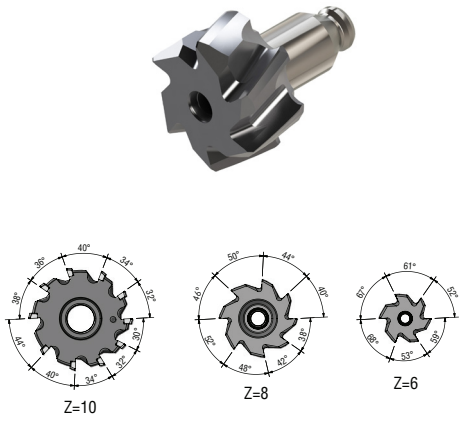
Specifiche

Mola diamantata
Dimensione grana:
D6 – Per il primo angolo di spoglia (β1–β3)
D64 – Per il secondo angolo di spoglia (β2)

Importante:

La riaffilatura riduce il diametro dell'alesatore
La riapplicazione del rivestimento può generare un aumento del diametro
Errore di concentricità massimo sugli smussi di imbocco 10 µm *(394 µin)*





∅ **Precimaster Plus mm** *(pollici)*	β_1	β_2	β_3	**T mm** *(pollici)*
7,75–9,999 *(0.3151–0.3937)*	8°	18°	8°	0,20 *(0.008)*
10,00–14,499 *(0.3937–0.5708)*	8°	18°	8°	0,20 *(0.008)*
14,500–21,499 *(0.5709–0.8464)*	8°	18°	8°	0,20 *(0.008)*
21,500–32,499 *(0.8465–1.2795)*	8°	18°	8°	0,25 *(0.010)*
32,500–60,499 *(1.2795–2.3819)*	8°	15°	8°	0,30 *(0.012)*

Parametri di taglio – PM Plus... -EB45 misure metriche

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
P1	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–	–
P2	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–	–
P3	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–	–
P4	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P5	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P6	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P7	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–	–
P8	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–	–
P11	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–	–
P12	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	12 (8-15)	25 (15-45)	30 (15-65)	–	65 (45-95)	95 (65-145)	–	–	–	–	–
M1	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	12 (9-15)	25 (15-45)	35 (20-70)	–	–	–	–	–	25 (15-40)	40 (25-80)	–
M2	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	–	25 (15-40)	40 (25-80)	–
M3	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	–	25 (15-40)	40 (25-80)	–
M4	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	–	20 (10-30)	30 (20-60)	–
M5	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	–	20 (10-30)	30 (20-60)	–
K1	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
K2	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	25 (20-40)	40 (30-70)	45 (35-80)	–	80 (50-100)	90 (55-110)	–	–	–	–
K3	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
K4	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–	–
K5	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–	–
K6	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
K7	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–	–
N1	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
N2	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
N3	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
N11	PMXxx ..6 ..8 -EB45	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	50 (30-100)	–	80 (30-150)	–	–	–	–	50 (30-100)	–	–	–
S1	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	-	–	–	25 (12-30)
S2	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	-	–	–	25 (12-30)
S3	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	-	–	–	25 (12-30)
S11	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	–	50 (25-65)
S12	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	–	50 (25-65)
S13	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	–	50 (25-65)

La tabella continua alla pagina successiva.

Parametri di taglio – PM Plus... -EB45 misure metriche

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
H3	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H5	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H7	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H8	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H11	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H12	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H21	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
H31	PMXxx ..6 ..8 -EB45	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB45	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–	–
PM2	PMXxx ..6 ..8 -EB45	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–	–
PM3	PMXxx ..6 ..8 -EB45	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–	–
TS1	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	–
TS2	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	–
TS3	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	–
TS4	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	25 (12-30)
TP1	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	25 (12-30)
TP2	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	25 (12-30)
TP3	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	50 (25-65)
TP4	PMXxx ..6 ..8 -EB45	0,10 -0,15	0,10 -0,20	0,30 -0,90	0,40 -1,20	0,50 -1,50	20 (15-25)	–	40 (20-60)	–	–	–	–	–	–	–	50 (25-65)
GR1	PMXxx ..6 ..8 -EB45	0,10 -0,30	0,10 -0,40	0,30 -0,90	0,40 -1,20	0,50 -1,50	40 (80-20)	–	60 (30-120)	–	–	–	–	–	–	–	50 (25-65)

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – PM Plus...-EB45 *pollici*

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
P1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–	–
P2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–	–
P3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–	–
P4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–	–
P8	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–	–
P11	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–	–
P12	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.008	.008 -.028	.012 -.039	.016 -.047	40 (25-50)	80 (50-130)	100 (50-215)	–	215 (150-315)	315 (215-480)	–	–	–	–	–
M1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	40 (30-50)	80 (50-130)	115 (65-230)	–	–	–	–	–	80 (50-130)	130 (80-260)	–
M2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	–	80 (50-130)	130 (80-260)	–
M3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	–	80 (50-130)	130 (80-260)	–
M4	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	–	65 (35-100)	100 (65-195)	–
M5	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	–	65 (35-100)	100 (65-195)	–
K1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
K2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	80 (65-130)	130 (100-230)	145 (110-260)	–	260 (165-330)	290 (185-370)	–	–	–	–
K3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
K4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–	–
K5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–	–
K6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
K7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–	–
N1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
N2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
N3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
N11	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	165 (100-330)	–	260 (100-490)	–	–	–	–	165 (100-330)	–	–	–
S1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	–	80 (40-100)
S2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	–	80 (40-100)
S3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	–	80 (40-100)
S11	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	–	165 (80-215)
S12	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	–	165 (80-215)
S13	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	–	165 (80-215)

La tabella continua alla pagina successiva.

Parametri di taglio – PM Plus...-EB45 *pollici*

SMG		a_p (∅)		f			v_c										
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RN2010	RM2020	RM2090	RS2090
H5	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H7	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H8	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H11	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H12	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H21	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
H31	*PMXxx ..6 ..8 -EB45*	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–	–
PM1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .012	.012- .035	.016- .047	.020- .059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–	–
PM2	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .012	.012- .035	.016- .047	.020- .059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–	–
PM3	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .012	.012- .035	.016- .047	.020- .059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–	–
TS1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TS2	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TS3	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TS4	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP2	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP3	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
TP4	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .008	.012- .035	.016- .047	.020- .059	65 (50-80)	–	130 (65-195)	–	–	–	–	–	–	–	–
GR1	*PMXxx ..6 ..8 -EB45*	.004- .008	.004- .016	.012- .035	.016- .047	.020- .059	130 (260-65)	–	195 (100-395)	–	–	–	–	–	–	–	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c = sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – PM Plus...-EB845 misure metriche

SMG		a_p (∅)		f			v_c									
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RM2020	RM2090	RS2090
P3	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–	–	–	–
P4	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P5	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P6	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P7	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–	–	–	–
P8	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–
P11	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	15 (10-20)	35 (20-60)	40 (20-80)	–	80 (60-120)	120 (80-180)	–	–	–	–
P12	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,30	0,20 -0,70	0,30 -1,00	0,40 -1,20	12 (8-15)	25 (15-45)	30 (15-65)	–	65 (45-95)	95 (65-145)	–	–	–	–
M1	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	12 (9-15)	25 (15-45)	35 (20-70)	–	–	–	–	25 (15-40)	35 (20-70)	–
M2	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	25 (15-40)	35 (20-70)	–
M3	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	25 (15-45)	35 (20-70)	–	–	–	–	25 (15-40)	35 (20-70)	–
M4	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	20 (10-30)	25 (15-50)	–
M5	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,20	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-30)	25 (15-50)	–	–	–	–	20 (10-30)	25 (15-50)	–
K1	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
K2	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	25 (20-40)	40 (30-70)	45 (35-80)	–	80 (50-100)	90 (55-110)	–	–	–
K3	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
K4	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–
K5	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)	–	–	–
K6	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
K7	PMXxx ..6 ..8 -EB845	0,10 -0,20	0,10 -0,25	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)	–	–	–
S1	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	–	–	25 (12-30)
S2	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	–	–	25 (12-30)
S3	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	–	20 (10-25)	20 (10-25)	–	–	–	–	–	–	25 (12-30)
S11	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	50 (25-65)
S12	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	50 (25-65)
S13	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,60	0,30 -0,80	0,40 -1,00	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	–	–	–	50 (25-65)
H3	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H5	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H7	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H8	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H11	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H12	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H21	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
H31	PMXxx ..6 ..8 -EB845	0,08 -0,15	0,10 -0,15	0,20 -0,40	0,30 -0,60	0,40 -0,75	–	–	10 (8-15)	–	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB845	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–
PM2	PMXxx ..6 ..8 -EB845	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–
PM3	PMXxx ..6 ..8 -EB845	0,10- 0,20	0,10 -0,30	0,30 -0,90	0,40 -1,20	0,50 -1,50	–	50 (30-80)	70 (40-100)	–	–	–	–	–	–	–

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – PM Plus...-EB845 *pollici*

SMG		a_p (∅)		f			v_c									
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550	RM2020	RM2090	RS2090
P3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (100-330)	260 (100-490)	–	590 (295-655)	720 (395-985)	–	–	–	–
P4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	65 (35-80)	165 (100-260)	195 (100-395)	–	395 (260-490)	590 (295-655)	–	–	–	–
P8	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–
P11	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	50 (35-65)	115 (65-195)	130 (65-260)	–	260 (195-395)	395 (260-590)	–	–	–	–
P12	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.008 -.028	.012 -.039	.016 -.047	40 (25-50)	80 (50-130)	100 (50-215)	–	215 (150-315)	315 (215-480)	–	–		
M1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	40 (30-50)	80 (50-130)	115 (65-230)	–	–	–	–	80 (50-130)	115 (65-230)	–
M2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	80 (50-130)	115 (65-230)	–
M3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	80 (50-130)	115 (65-230)	–	–	–	–	80 (50-130)	115 (65-230)	–
M4	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	65 (35-100)	80 (50-165)	–
M5	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.008	.008 -.024	.012 -.031	.016 -.039	–	65 (35-100)	80 (50-165)	–	–	–	–	65 (35-100)	80 (50-165)	–
K1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–
K2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	80 (65-130)	130 (100-230)	145 (110-260)	–	260 (165-330)	290 (185-370)	–	–	–
K3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–
K4	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–
K5	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	330 (230-490)	490 (260-655)	550 (290-735)	–	–	–
K6	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	–
K7	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.010	.012 -.035	.016 -.047	.020 -.059	–	195 (130-330)	260 (100-490)	290 (110-550)	–	720 (395-985)	805 (440-1105)	–	–	-
S1	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	80 (40-100)
S2	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	80 (40-100)
S3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	–	65 (35-80)	65 (35-80)	–	–	–	–	–	–	80 (40-100)
S11	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	165 (80-215)
S12	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	165 (80-215)
S13	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.024	.012 -.031	.016 -.039	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	–	–	165 (80-215)
H3	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H5	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H7	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H8	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H11	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H12	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H21	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
H31	PMXxx ..6 ..8 -EB45	.003 -.006	.004 -.006	.008 -.016	.012 -.024	.016 -.030	–	–	35 (25-50)	–	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–
PM2	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–
PM3	PMXxx ..6 ..8 -EB45	.004 -.008	.004 -.012	.012 -.035	.016 -.047	.020 -.059	–	165 (100-260)	230 (130-330)	–	–	–	–	–	–	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Plus... -EB25/EB30 misure metriche

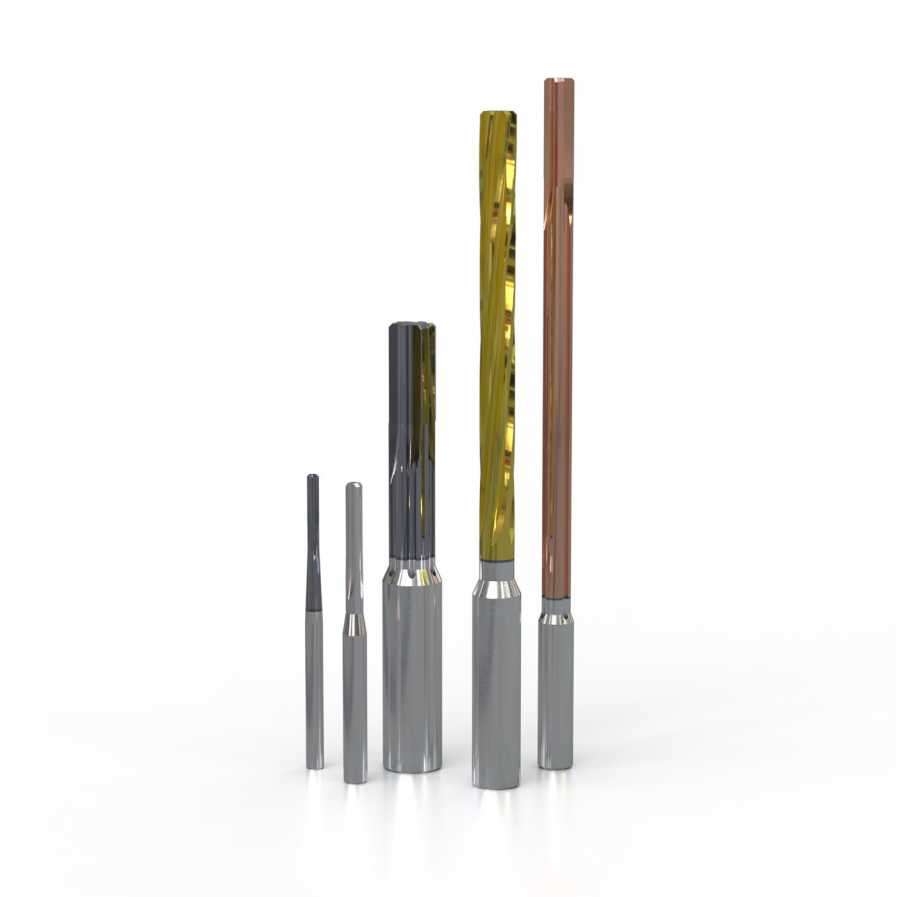
SMG		a_p (∅)		f			v_c						
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550
P1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–
P2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–
P3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	25 (15-30)	60 (30-100)	80 (30-150)	–	180 (90-200)	220 (120-300)	–
P4	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
P5	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
P6	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
P7	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-1,80	1,00-2,40	1,20-3,00	20 (10-25)	50 (30-80)	60 (30-120)	–	120 (80-150)	180 (90-200)	–
M1	PMXxx ..6 ..8 -EB25/EB30	0,08-0,15	0,10-0,20	0,80-1,20	1,00-2,00	1,20-2,50	–	25 (15-40)	35 (20-70)	–	–	–	–
K1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
K2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-1,80	1,00-2,40	1,20-3,00	–	25 (20-40)	40 (30-70)	45 (35-80)	–	80 (50-100)	90 (55-110)
K3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
K4	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)
K5	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-2,20	1,00-2,80	1,20-3,50	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	100 (70-150)	150 (80-200)	170 (90-225)
K6	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-1,80	1,00-2,40	1,20-3,00	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
K7	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,25	0,80-1,80	1,00-2,40	1,20-3,00	–	60 (40-100)	80 (30-150)	90 (35-170)	–	220 (120-300)	245 (135-335)
N1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
N2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
N3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
N11	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,80-2,20	1,00-2,80	1,20-3,50	50 (30-100)	–	–	–	–	–	–
PM1	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,50-1,80	0,80-2,00	1,00-2,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM2	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,50-1,80	0,80-2,00	1,00-2,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM3	PMXxx ..6 ..8 -EB25/EB30	0,10-0,20	0,10-0,30	0,50-1,80	0,80-2,00	1,00-2,50	–	50 (30-80)	70 (40-100)	–	–	–	–

SMG = Gruppo materiale Seco. a_p = mm. f = mm/rev. v_c= m/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – PM Plus... -EB25/EB30 *pollici*

SMG		a_p (∅)		f			v_c						
		z=6	z=8 z=10	z=6	z=8	z=10	H15	CP20	RX2000	RK2050	CF	RX1500	RK1550
P1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	*590 (295-655)*	*720 (395-985)*	–
P2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	*590 (295-655)*	*720 (395-985)*	–
P3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	*590 (295-655)*	*720 (395-985)*	–
P4	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
P5	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
P6	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
P7	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.071*	*.039 –.094*	*.047-.118*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	*395 (260-490)*	*590 (295-655)*	–
M1	*PMXxx ..6 ..8 -EB25/EB30*	*.003 –.006*	*.004 –.008*	*.031 –.047*	*.039 –.079*	*.039-.098*	–	*80 (50-130)*	*115 (65-230)*	–	–	–	–
K1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
K2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.071*	*.039 –.094*	*.047-.118*	–	*80 (65-130)*	*130 (100-230)*	*145 (110-260)*	–	*260 (165-330)*	*290 (185-370)*
K3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
K4	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*	*330 (230-490)*	*490 (260-655)*	*550 (290-735)*
K5	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.087*	*.039 –.110*	*.047-.138*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*	*330 (230-490)*	*490 (260-655)*	*550 (290-735)*
K6	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.071*	*.039 –.094*	*.047-.118*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
K7	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.010*	*.031 –.071*	*.039 –.094*	*.047-.118*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	*720 (395-985)*	*805 (440-1105)*
N1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
N2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
N3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
N11	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.031 –.087*	*.039 –.110*	*.047-.138*	*165 (100-330)*	–	–	–	–	–	–
PM1	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.020 –.071*	*.031 –.079*	*.039-.098*	–	*165 (100-260)*	*230 (130-330)*	–	–	–	–
PM2	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.020 –.071*	*.031 –.079*	*.039-.098*	–	*165 (100-260)*	*230 (130-330)*	–	–	–	–
PM3	*PMXxx ..6 ..8 -EB25/EB30*	*.004 –.008*	*.004 –.012*	*.020 –.071*	*.031 –.079*	*.039-.098*	–	*165 (100-260)*	*230 (130-330)*	–	–	–	–

SMG = Gruppo materiale Seco. a_p = *inch*. f = in/rev. v_c= sf/min. Tutti i parametri di taglio sono valori di partenza

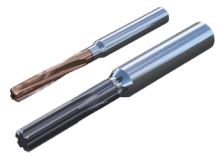
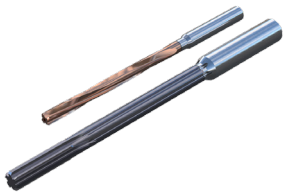
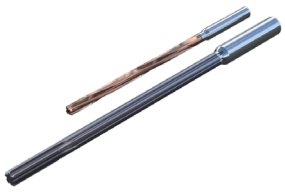


Nanojet

Gli alesatori Nanojet in metallo duro integrale sono progettati per diametri piccoli, compresi tra 1.461 e 9.960 mm (0,117”-0,474”). Caratteristiche principali:

- Uscita del refrigerante ottimizzata
- Tolleranze comprese tra 10 e 15 µm (.0004’’’ - .0006’’’)
- Otto geometrie disponibili: EB45, EBS45, EB845, EB25, EB30, EBS30, EB60 e EB75
- Tre lunghezze diverse: corta, media e lunga

Panoramica della gamma

Nanojet	Gamma ∅	Profondità di alesatura	Tolleranza ∅ foro	Diametro intermedio	Finitura superficiale
Tipo corto 	1,461-9,960 mm *(0.057-0.392")*	~ 4-7 x D	IT 7	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Media 	1,461-9,960 mm *(0.057-0.392")*	~ 7-12 x D	IT 7	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*
Tipo lungo 	1,461-9,960 mm *(0.057-0.392")*	~ 12-15 x D	IT 7	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*

Nanojet è un alesatore in metallo duro integrale dedicato a piccoli diametri da 1.461 a 9.960 mm (.057" - .392).
Il design include l'uscita ottimizzata del refrigerante che invia direttamente il liquido nelle scanalature in modo efficace e potente.

Chiave di codifica

Alesatori

N5TS	–	4H7	–	EB45	–	RX2000
1		2		3		4

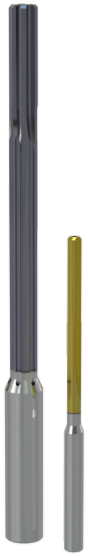


1.	2.	3.	4
Tipo di alesatore	Diametro e tolleranza del foro	Geometria di imbocco	Qualità

Alesatori di diametro intermedio

N4BM	–	2.5 P7	–	EB30	–	RK2050
1		2		3		4

0.0984”–0.0989”
2



1.	2.	3.	4
Tipo di alesatore	Diametro e tolleranza del foro	Geometria di imbocco	Qualità

Alesatori di diametro intermedio

N5TL	–	9.525 H7	–	EB60	–	RN2010
1		2		3		4

0.3750”–0.3751”
2



1.	2.	3.	4
Tipo di alesatore	Diametro e tolleranza del foro	Geometria di imbocco	Qualità

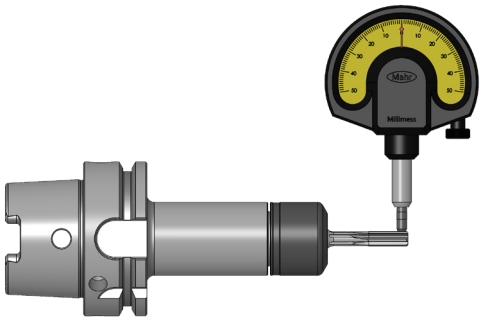
N5TS/N5TM/N5TL: Elica diritta. Ideali per fori passanti, versione corta, media e lunga.
N5BS/N5BM/N5BL: Elica diritta. Ideali per fori ciechi, versione corta, media e lunga.
N4BS/N4BM/N4BL: Elica destra. Ideali per fori ciechi, versione corta, media e lunga.
Le eliche destre migliorano l’evacuazione del truciolo. Sono consigliate per applicazioni in fori ciechi profondi.

Si vedano le pagine 406 e seguenti, relative alla scelta delle geometrie Nanojet363.

Eccentricità

Utensile rotante

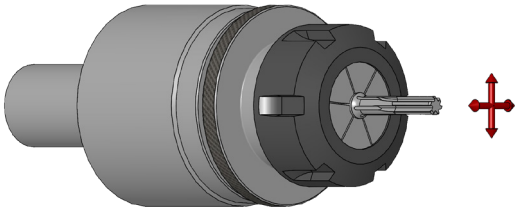
Run-out radiale massimo consigliato: 5 µm (*197 µin*)
Portautensili di precisione consigliati: Mandrino idraulico, Mandrino portapinza ERHP ad alta precisione, Attacco a calettamento termico



Utensile statico

Utilizzare un attacco flottante Seco, vedere le pagine 488-492.

Gli attacchi flottanti consentono all'alesatore di auto-centrarsi nel preforo.



Requisiti del refrigerante

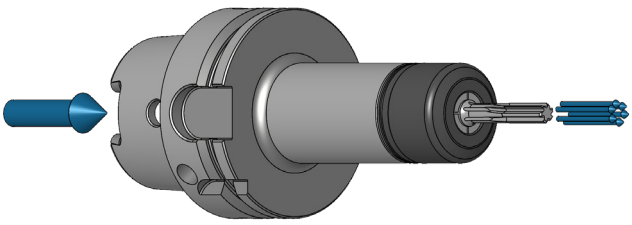
Per la massima durata utensile ed una buona qualità del foro, si devono soddisfare i seguenti requisiti relativi al refrigerante.

Si raccomanda l'adduzione del refrigerante attraverso l'utensile.
L'adduzione esterna è possibile se le condizioni di taglio sono ridotte del 75%.

Olio solubile con almeno il 40% di olio minerale.
Per l'acciaio inossidabile si consiglia olio puro.

Concentrazione minima 6-8%.
Filtrazione 30-50 µm *(1181-1969 µin)*.
Volume minimo 0,5 l/min/mm *(0,13 gal/min/pollici)* in rapporto al diametro utensile (esempio: alesatore ∅ 10, il volume minimo è 5 l/min *(1,3 gal/min)*.

Pressione del refrigerante consigliata: min. 8-10 bar, max. 30 bar

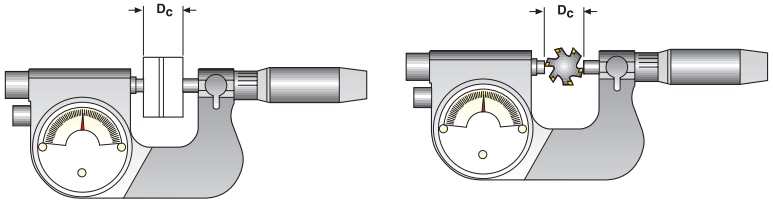


Misura diametro

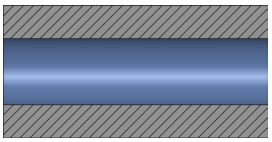
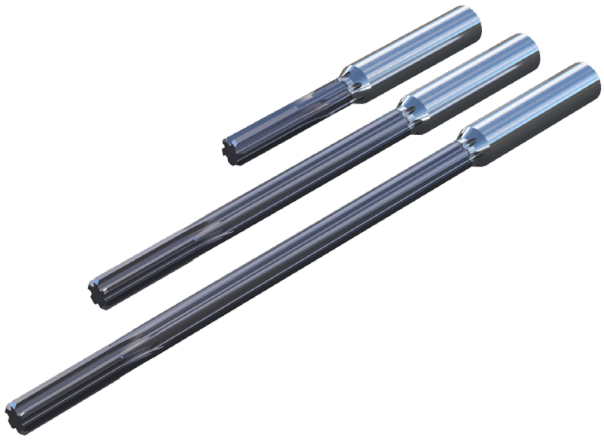
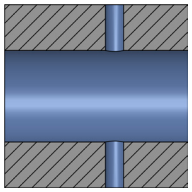
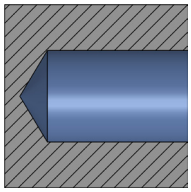
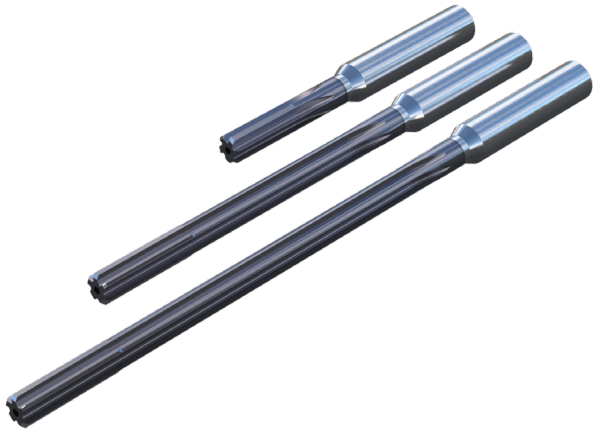
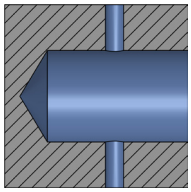
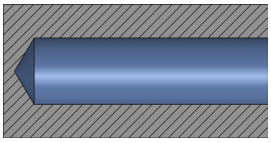
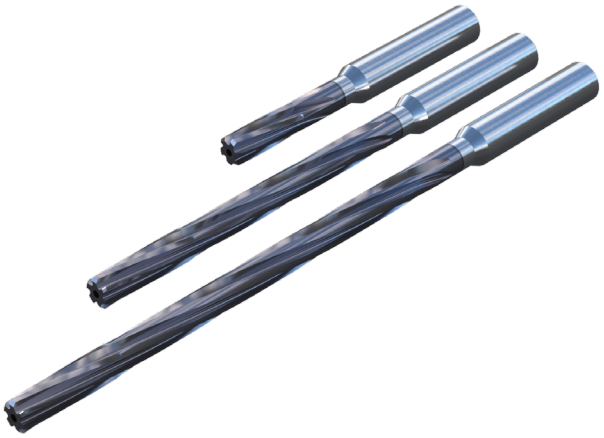
Calibrare il micrometro a quadrante prima della misura del ∅.

Importante!
Gli alesatori Nanojet hanno passo differenziato.
Durante la misura del diametro, è necessario assicurarsi di misurare due lame opposte a 180°.

Per le rilevazioni, utilizzare un micrometro a quadrante e dei tastatori comparatori.



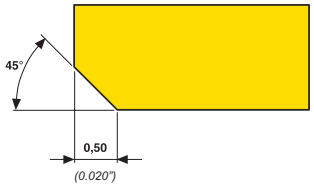
Scelta della geometria della scanalatura

Pezzo in lavorazione	Diametro da alesare ∅ **1.461-9.960 mm** *(0,057-0,392")*	
Fori passanti 	**Tagli diritti** N5T	
Fori passanti e fori incrociati 		
Foro cieco 	**Tagli diritti** N5B	
Foro cieco attraverso un foro preesistente 		
Foro cieco > 3 x D 	**Scanalature elicoidali DX** N4B	

Scelta della geometria – Applicazioni

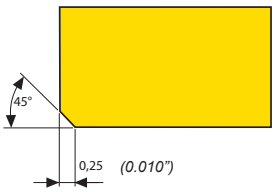
Geometria di imbocco - EB45

Controllo truciolo ++
Finitura superficiale+++ R_a 0,8-1,2 µm
(Finitura superficiale+++ R_a 31-47 µin)
Versatile



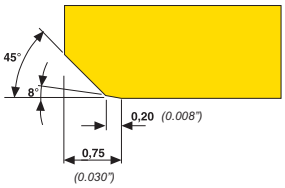
Geometria di imbocco - EBS45

Controllo truciolo +++
Finitura superficiale + R_a 0,8-1,2
(Finitura superficiale + R_a 31-47 µin)
EB45 corto



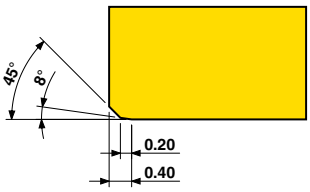
Geometria di imbocco - EB845

Controllo truciolo ++
Finitura superficiale+++ R_a 0,2-0,8 µm
(Finitura superficiale+++ R_a 8-31 µin)



Geometria di imbocco - EBS845

Controllo truciolo ++
Finitura superficiale+++ R_a 0,2-0,8 µm
(Finitura superficiale+++ R_a 8-31 µin)

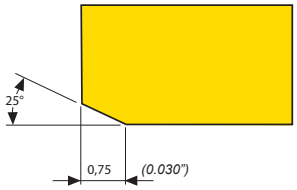


Nota: Per gli alesatori di piccolo diametro la lunghezza della geometria d'imbocco può essere leggermente inferiore rispetto a quanto riportato sopra.

Scelta della geometria – Applicazioni

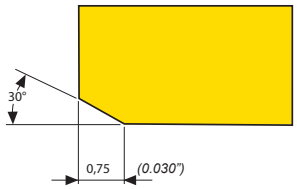
Geometria di imbocco - EB25

Possibilità di avanzamenti elevati +++
Finitura superficiale ++ R_a 0,4-0,8 µm
(Finitura superficiale ++ R_a 16-31 µin)
Controllo truciolo +



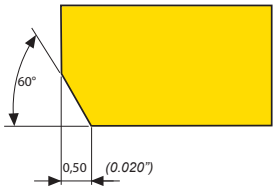
Geometria di imbocco - EB30

Possibilità di avanzamenti elevati +++
Finitura superficiale ++ (R_a 0,4-0,8 µm)
(Finitura superficiale ++ R_a 16-31 µin)
Controllo truciolo +



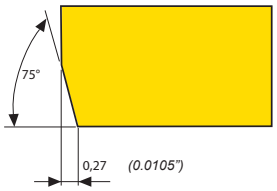
Geometria di imbocco - EB60

Possibilità di avanzamenti elevati +
Finitura superficiale ++ R_a 0,8-1,2 µm
(Finitura superficiale ++ R_a 31-47 µin)
Controllo truciolo ++



Geometria di imbocco - EB75

Possibilità di avanzamenti elevati +
Finitura superficiale ++ R_a 0,8-1,2 µm
(Finitura superficiale ++ R_a 31-47 µin)
Controllo truciolo ++



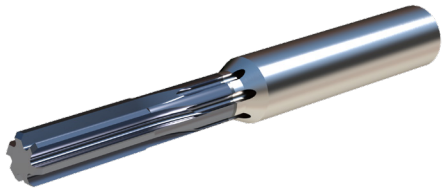
Nota: Per gli alesatori di piccolo diametro la lunghezza della geometria d'imbocco può essere leggermente inferiore rispetto a quanto riportato sopra.

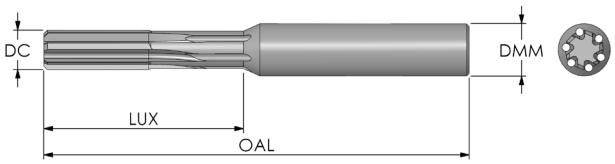
Qualità

	**RX2000**	**Rivestita** Qualità rivestita ad alte prestazioni per tutti i materiali da lavorare.
	**CP20**	**Rivestita** Qualità rivestita versatile adatta per la maggior parte dei materiali da lavorare, tranne l'alluminio. TiN
	**H15**	**Non rivestita** Qualità micrograna tenace per tutti i materiali da lavorare. Adatta per operazioni di finitura, grazie all'affilatura del tagliente.
	**RN2010**	**Non rivestita** Qualità sub-micrograna non rivestita con geometrie ottimizzate per materiali N (non ferrosi).
	**RM2020**	**Rivestita** Qualità rivestita tenace per operazioni di finitura con geometrie ottimizzate per materiali M.
	**RM2090**	**Rivestita** Qualità rivestita resistente all'usura con geometrie specifiche per materiali M. Ottimizzazione su materiali M.
	**RK2050**	**Rivestita** Qualità rivestita tenace per operazioni di finitura con geometrie ottimizzate per materiali K.
	**RS2090**	**Rivestita** Qualità rivestita resistente all'usura con geometrie specifiche per materiali S. Ottimizzazione su materiali S.

Alesatore per fori passanti

∅ 1,98–9,525 mm / 0.0779–0.3750"





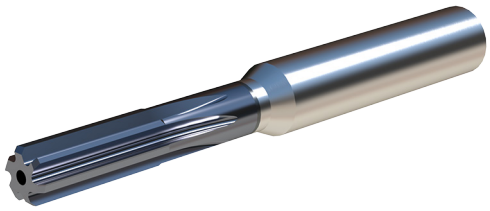
Codice di ordinazione	Codice prodotto	DC	Hole dia min-max		LUX	OAL	DMM		Geometrie			Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		EB45	EB845	EB30	RX2000	H15	H15
N5TS-1.98H7-EB45	10289732	1,98 *0.0780*	1,98 *0.0780*	1,99 *0.0783*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5TS-1.99H7-EB45	10289733	1,99 *0.0783*	1,99 *0.0783*	2,0 *0.0787*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5TS-2H7-EB45	10238500	2,0 *0.0787*	2,0 *0.0787*	2,01 *0.0791*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5TS-2.01H7-EB45	10289734	2,01 *0.0791*	2,01 *0.0791*	2,02 *0.0795*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5TS-2.02H7-EB45	10289735	2,02 *0.0795*	2,02 *0.0795*	2,03 *0.0799*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5TS-2.98H7-EB45	10289736	2,98 *0.1173*	2,98 *0.1173*	2,99 *0.1177*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5TS-2.99H7-EB45	10289737	2,99 *0.1177*	2,99 *0.1177*	3,0 *0.1181*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5TS-3H7-EB45	10238501	3,0 *0.1181*	3,0 *0.1181*	3,01 *0.1185*	21,0 *0.8270*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5TS-3.01H7-EB45	10289738	3,01 *0.1185*	3,01 *0.1185*	3,022 *0.1190*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5TS-3.02H7-EB45	10289739	3,02 *0.1189*	3,02 *0.1189*	3,032 *0.1194*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5TS-3.175H7-EB45	10289740	3,175 *0.1250*	3,175 *0.1250*	3,187 *0.1255*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5TS-3.98H7-EB45	10289741	3,98 *0.1567*	3,98 *0.1567*	3,992 *0.1572*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5TS-3.99H7-EB45	10289742	3,99 *0.1571*	3,99 *0.1571*	4,002 *0.1576*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5TS-4H7-EB45	10238502	4,0 *0.1575*	4,0 *0.1575*	4,012 *0.1580*	28,0 *1.1020*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5TS-4.01H7-EB45	10289743	4,01 *0.1579*	4,01 *0.1579*	4,022 *0.1583*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5TS-4.02H7-EB45	10289744	4,02 *0.1583*	4,02 *0.1583*	4,032 *0.1587*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5TS-4.98H7-EB45	10289745	4,98 *0.1961*	4,98 *0.1961*	4,992 *0.1965*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5TS-4.99H7-EB45	10289746	4,99 *0.1965*	4,99 *0.1965*	5,002 *0.1969*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5TS-5H7-EB45	10238503	5,0 *0.1969*	5,0 *0.1969*	5,012 *0.1973*	28,0 *1.1020*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5TS-5.01H7-EB45	10289747	5,01 *0.1972*	5,01 *0.1972*	5,022 *0.1977*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5TS-5.02H7-EB45	10290135	5,02 *0.1976*	5,02 *0.1976*	5,032 *0.1981*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5TS-5.98H7-EB45	10289748	5,98 *0.2354*	5,98 *0.2354*	5,992 *0.2359*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-5.99H7-EB45	10289749	5,99 *0.2358*	5,99 *0.2358*	6,002 *0.2363*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-6H7-EB45	10238504	6,0 *0.2362*	6,0 *0.2362*	6,015 *0.2368*	30,0 *1.1810*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-6.01H7-EB45	10290075	6,01 *0.2366*	6,01 *0.2366*	6,025 *0.2372*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-6.02H7-EB45	10289750	6,02 *0.2370*	6,02 *0.2370*	6,035 *0.2376*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□

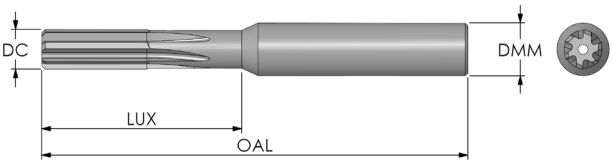
Codice di ordinazione	Codice prodotto	DC	Hole dia min-max		LUX	OAL	DMM		Geometrie			Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		EB45	EB845	EB30	RX2000	H15	H15
N5TS-6.35H7-EB45	10238506	6,35 *0.2500*	6,35 *0.2500*	6,365 *0.2506*	30,0 *1.1810*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-7H7-EB45	10289625	7,0 *0.2756*	7,0 *0.2756*	7,015 *0.2762*	31,5 *1.2400*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-7.937H7-EB45	10289626	7,937 *0.3125*	7,937 *0.3125*	7,952 *0.3131*	31,5 *1.2400*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5TS-7.98H7-EB45	10289751	7,98 *0.3142*	7,98 *0.3142*	7,995 *0.3148*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5TS-7.99H7-EB45	10289752	7,99 *0.3146*	7,99 *0.3146*	8,005 *0.3152*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5TS-8H7-EB45	10238505	8,0 *0.3150*	8,0 *0.3150*	8,015 *0.3156*	40,0 *1.5750*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5TS-8.01H7-EB45	10289753	8,01 *0.3154*	8,01 *0.3154*	8,025 *0.3159*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5TS-8.02H7-EB45	10289754	8,02 *0.3157*	8,02 *0.3157*	8,035 *0.3163*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5TS-9.525H7-EB45	10289627	9,525 *0.3750*	9,525 *0.3750*	9,54 *0.3756*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□

■ Prodotto standard. □ Prodotto standard non presente a magazzino.

Alesatore per fori ciechi

∅ 1,98–9,525 mm / 0.0779–0.3750"





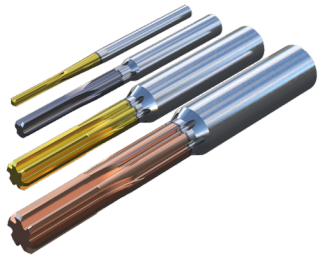
Codice di ordinazione	Codice prodotto	DC	Hole dia min-max		LUX	OAL	DMM		Geometrie			Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		EB45	EB845	EB30	RX2000	H15	H15
N5BS-1.98H7-EB45	10289755	1,98 *0.0780*	1,98 *0.0780*	1,99 *0.0783*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5BS-1.99H7-EB45	10289756	1,99 *0.0783*	1,99 *0.0783*	2,0 *0.0787*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5BS-2.01H7-EB45	10289757	2,01 *0.0791*	2,01 *0.0791*	2,02 *0.0795*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5BS-2.02H7-EB45	10289758	2,02 *0.0795*	2,02 *0.0795*	2,03 *0.0799*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5BS-2.98H7-EB45	10289759	2,98 *0.1173*	2,98 *0.1173*	2,99 *0.1177*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5BS-2.99H7-EB45	10289760	2,99 *0.1177*	2,99 *0.1177*	3,0 *0.1181*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5BS-2H7-EB45	10284828	2,0 *0.0787*	2,0 *0.0787*	2,01 *0.0791*	12,0 *0.4720*	50,0 *1.9690*	3,0 *0.1180*	4	■	□	□	■	□	□
N5BS-3.01H7-EB45	10289761	3,01 *0.1185*	3,01 *0.1185*	3,022 *0.1190*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5BS-3.02H7-EB45	10289762	3,02 *0.1189*	3,02 *0.1189*	3,032 *0.1194*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5BS-3.175H7-EB45	10289628	3,175 *0.1250*	3,175 *0.1250*	3,187 *0.1255*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5BS-3.98H7-EB45	10289764	3,98 *0.1567*	3,98 *0.1567*	3,992 *0.1572*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5BS-3.99H7-EB45	10289765	3,99 *0.1571*	3,99 *0.1571*	4,002 *0.1576*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5BS-3H7-EB45	10284829	3,0 *0.1181*	3,0 *0.1181*	3,01 *0.1185*	21,5 *0.8460*	50,0 *1.9690*	4,0 *0.1570*	4	■	□	□	■	□	□
N5BS-4.01H7-EB45	10289766	4,01 *0.1579*	4,01 *0.1579*	4,022 *0.1583*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5BS-4.02H7-EB45	10289767	4,02 *0.1583*	4,02 *0.1583*	4,032 *0.1587*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5BS-4.98H7-EB45	10289768	4,98 *0.1961*	4,98 *0.1961*	4,992 *0.1965*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5BS-4.99H7-EB45	10289769	4,99 *0.1965*	4,99 *0.1965*	5,002 *0.1969*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5BS-4H7-EB45	10284830	4,0 *0.1575*	4,0 *0.1575*	4,012 *0.1580*	28,5 *1.1220*	55,0 *2.1650*	5,0 *0.1970*	4	■	□	□	■	□	□
N5BS-5.01H7-EB45	10289770	5,01 *0.1972*	5,01 *0.1972*	5,022 *0.1977*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5BS-5.02H7-EB45	10290138	5,02 *0.1976*	5,02 *0.1976*	5,032 *0.1981*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5BS-5.98H7-EB45	10289771	5,98 *0.2354*	5,98 *0.2354*	5,992 *0.2359*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5BS-5.99H7-EB45	10289772	5,99 *0.2358*	5,99 *0.2358*	6,002 *0.2363*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5BS-5H7-EB45	10284831	5,0 *0.1969*	5,0 *0.1969*	5,012 *0.1973*	28,5 *1.1220*	55,0 *2.1650*	6,0 *0.2360*	4	■	□	□	■	□	□
N5BS-6.01H7-EB45	10289773	6,01 *0.2366*	6,01 *0.2366*	6,025 *0.2372*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5BS-6.02H7-EB45	10289774	6,02 *0.2370*	6,02 *0.2370*	6,035 *0.2376*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5BS-6.35H7-EB45	10284836	6,35 *0.2500*	6,35 *0.2500*	6,365 *0.2506*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□

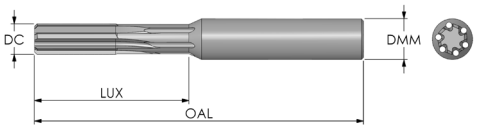
Codice di ordinazione	Codice prodotto	DC	Hole dia min-max		LUX	OAL	DMM		Geometrie			Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		EB45	EB845	EB30	RX2000	H15	H15
N5BS-6H7-EB45	10284832	6,0 *0.2362*	6,0 *0.2362*	6,015 *0.2368*	30,5 *1.2010*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5BS-7.937H7-EB45	10289630	7,937 *0.3125*	7,937 *0.3125*	7,952 *0.3131*	31,5 *1.2400*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5BS-7.98H7-EB45	10289775	7,98 *0.3142*	7,98 *0.3142*	7,995 *0.3148*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5BS-7.99H7-EB45	10289776	7,99 *0.3146*	7,99 *0.3146*	8,005 *0.3152*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5BS-7H7-EB45	10289629	7,0 *0.2756*	7,0 *0.2756*	7,015 *0.2762*	31,5 *1.2400*	65,0 *2.5590*	8,0 *0.3150*	6	■	□	□	■	□	□
N5BS-8.01H7-EB45	10289777	8,01 *0.3154*	8,01 *0.3154*	8,025 *0.3159*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5BS-8.02H7-EB45	10289778	8,02 *0.3157*	8,02 *0.3157*	8,035 *0.3163*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5BS-8H7-EB45	10284833	8,0 *0.3150*	8,0 *0.3150*	8,015 *0.3156*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□
N5BS-9.525H7-EB45	10289631	9,525 *0.3750*	9,525 *0.3750*	9,54 *0.3756*	40,5 *1.5940*	75,0 *2.9530*	10,0 *0.3940*	6	■	□	□	■	□	□

■ Prodotto standard. □ Prodotto standard non presente a magazzino.

Alesatore per fori passanti – Diametro intermedio

Elica diritta, versione corta – ∅ 1,461-9,960 mm / 0.057- 0.392”





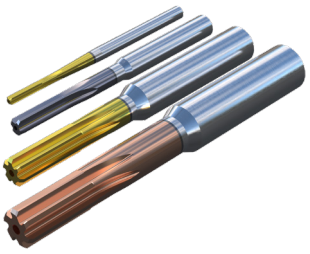
—Per la scelta della geometria, vedere le pagine 364-365
—Per i parametri di taglio raccomandati, vedere pagina(e) 377-383

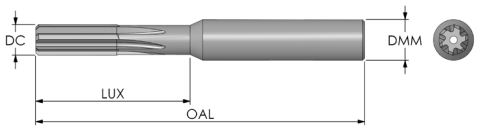
Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5TS-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	12,0 *0.472*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	17,0 *0.669*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	21,0 *0.827*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	23,0 *0.906*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	28,0 *1.102*	5,0 *0.197*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	28,0 *1.102*	6,0 *0.236*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	30,0 *1.181*	8,0 *0.315*	65,0 *2.559*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	31,0 *1.220*	8,0 *0.315*	65,0 *2.559*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5TS-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	40,0 *1.575*	10,0 *0.394*	75,0 *2.953*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐

☐ = Prodotto standard non presente a magazzino
Nota: Quando si ordinano alesatori Nanojet per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d’ordine: N5TS-2,5 R7-EBS45, RS2090

Alesatore per fori ciechi – Diametro intermedio

Elica diritta, versione corta – ∅ 1,461-9,960 mm / 0.057- 0.392”





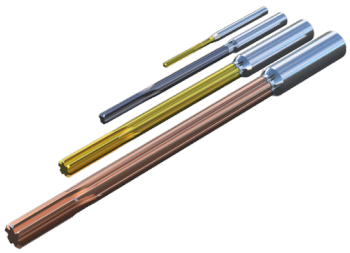
—Per la scelta della geometria, vedere le pagine 364-365
—Per i parametri di taglio raccomandati, vedere pagina(e) 377-383

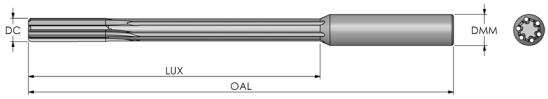
Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5BS-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	12,0 *0.472*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	17,0 *0.669*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	21,0 *0.827*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	23,0 *0.906*	4,0 *0.157*	50,0 *1.969*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	28,0 *1.102*	5,0 *0.197*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	28,0 *1.102*	6,0 *0.236*	55,0 *2.165*	4	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	30,0 *1.181*	8,0 *0.315*	65,0 *2.559*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	31,0 *1.220*	8,0 *0.315*	65,0 *2.559*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐
N5BS-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	40,0 *1.575*	10,0 *0.394*	75,0 *2.953*	6	EB45 EB845 EB30 EB60...	☐	☐	☐	☐	☐	☐	☐

☐ = Prodotto standard non presente a magazzino
Nota: Quando si ordinano alesatori Nanojet per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d’ordine: N5BS-8,084/8, 100-EB30, RK2050

Alesatore per fori passanti – Diametro intermedio

Elica diritta, versione media – ∅ 1,461-9,960 mm / 0.057- 0.392"





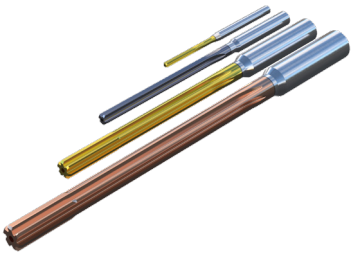
—Per la scelta della geometria, vedere le pagine 364-365
—Per i parametri di taglio raccomandati, vedere pagina(e) 377-383

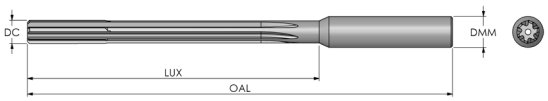
Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5TM-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	21,5 *0.846*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	32,5 *1.280*	3,0 *0.118*	60,0 *2.362*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	38,5 *1.516*	4,0 *0.157*	65,0 *2.559*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	48,5 *1.909*	4,0 *0.157*	75,0 *2.953*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	58,5 *2.303*	5,0 *0.197*	85,0 *3.346*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	68,5 *2.697*	6,0 *0.236*	95,0 *3.740*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	75,5 *2.972*	8,0 *0.315*	110,0 *4.331*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	86,5 *3.406*	8,0 *0.315*	120,0 *4.724*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TM-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	105,5 *4.154*	10,0 *0.394*	140,0 *5.512*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐

☐ = Prodotto standard non presente a magazzino
Nota: Quando si ordinano alesatori Nanojet per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: N5TM-2,5 R7-EBS45, RS2090

Alesatore per fori ciechi – Diametro intermedio

Elica diritta, versione media – ∅ 1,461-9,960 mm / 0.057- 0.392”





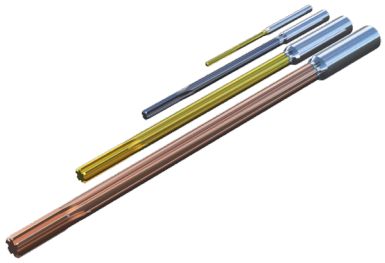
—Per la scelta della geometria, vedere le pagine 364-365
—Per i parametri di taglio raccomandati, vedere pagina(e) 377-383

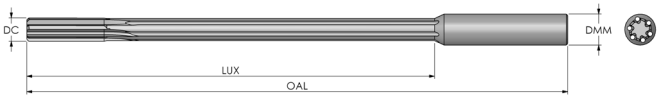
Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5BM-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	21,5 *0.846*	3,0 *0.118*	50,0 *1.969*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BM-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	32,5 *1.280*	3,0 *0.118*	60,0 *2.362*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BM-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	38,5 *1.516*	4,0 *0.157*	65,0 *2.559*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BM-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	48,5 *1.909*	4,0 *0.157*	75,0 *2.953*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BM-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	58,5 *2.303*	5,0 *0.197*	85,0 *3.346*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TBM-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	68,5 *2.697*	6,0 *0.236*	95,0 *3.740*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BM-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	75,5 *2.972*	8,0 *0.315*	110,0 *4.331*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BM-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	86,5 *3.406*	8,0 *0.315*	120,0 *4.724*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BM-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	105,5 *4.154*	10,0 *0.394*	140,0 *5.512*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐

☐ = Prodotto standard non presente a magazzino
Nota: Quando si ordinano alesatori Nanojet per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d’ordine: N5BM-8,084/8, 100-EB30, RK2050

Alesatore per fori passanti – Diametro intermedio

Elica diritta, versione lunga – ∅1,461-9,960 mm / 0.057- 0.392"





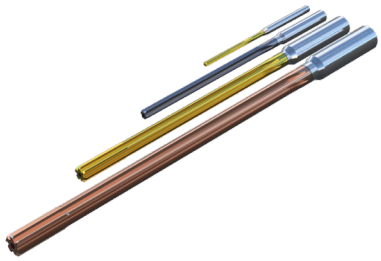
—Per la scelta della geometria, vedere le pagine 364-365
—Per i parametri di taglio raccomandati, vedere pagina(e) 377-383

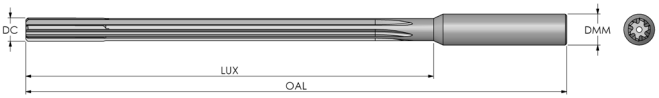
Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5TL-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	31,5 *1.240*	3,0 *0.118*	60,0 *2.362*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	42,5 *1.673*	3,0 *0.118*	70,0 *2.756*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	53,5 *2.106*	4,0 *0.157*	80,0 *3.150*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	61,5 *2.421*	4,0 *0.157*	88,0 *3.465*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	73,5 *2.894*	5,0 *0.197*	100,0 *3.937*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	88,5 *3.484*	6,0 *0.236*	115,0 *4.528*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	105,5 *4.154*	8,0 *0.315*	140,0 *5.512*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	121,5 *4.783*	8,0 *0.315*	155,0 *6.102*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5TL-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	145,5 *5.728*	10,0 *0.394*	180,0 *7.087*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐

☐ = Prodotto standard non presente a magazzino
Nota: Quando si ordinano alesatori Nanojet per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: N5TL-2,5 R7-EBS45, RS2090

Alesatore per fori ciechi – Diametro intermedio

Elica diritta, versione lunga – ∅ 1,461-9,960 mm / 0.057- 0.392"





—Per la scelta della geometria, vedere le pagine 364-365
—Per i parametri di taglio raccomandati, vedere pagina(e) 377-383

Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
N5BL-1.461-XX.XXX	1,461 *0.058*	2,2 *0.087*	31,5 *1.240*	3,0 *0.118*	60,0 *2.362*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-2.201-XX.XXX	2,201 *0.087*	2,96 *0.117*	42,5 *1.673*	3,0 *0.118*	70,0 *2.756*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-2.961-XX.XXX	2,961 *0.117*	3,46 *0.136*	53,5 *2.106*	4,0 *0.157*	80,0 *3.150*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-3.461-XX.XXX	3,461 *0.136*	3,96 *0.156*	61,5 *2.421*	4,0 *0.157*	88,0 *3.465*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-3.961-XX.XXX	3,961 *0.156*	4,96 *0.195*	73,5 *2.894*	5,0 *0.197*	100,0 *3.937*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-4.961-XX.XXX	4,961 *0.195*	5,96 *0.235*	88,5 *3.484*	6,0 *0.236*	115,0 *4.528*	4	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-5.961-XX.XXX	5,961 *0.235*	6,96 *0.274*	105,5 *4.154*	8,0 *0.315*	140,0 *5.512*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-6.961-XX.XXX	6,961 *0.274*	7,96 *0.313*	121,5 *4.783*	8,0 *0.315*	155,0 *6.102*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐
N5BL-7.961-XX.XXX	7,961 *0.313*	9,96 *0.392*	145,5 *5.728*	10,0 *0.394*	180,0 *7.087*	6	EB45 EB845 EB30 EB60 ...	☐	☐	☐	☐	☐	☐	☐

☐ = Prodotto standard non presente a magazzino
Nota: Quando si ordinano alesatori Nanojet per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: N5BL-8,084/8, 100-EB30, RK2050

Parametri di taglio – Nanojet -EB45 misure metriche

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P4	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P5	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P6	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P7	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P8	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P11	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P12	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	12 (8-15)	25 (15-45)	30 (15-65)	-	–	–	–	–
M1	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	12 (9-15)	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M2	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M3	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M4	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
M5	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
K1	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K2	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–	–
K3	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K4	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K5	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K6	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K7	N5T/N5B-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
N1	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N2	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N3	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N4	N5T/N5B-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
S1	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S2	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S3	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	25 (10-25)
S11	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S12	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S13	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)

La tabella continua alla pagina successiva.

Parametri di taglio – Nanojet -EB45 misure metriche

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H5	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H7	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H8	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H11	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H12	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H21	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H31	N5T/N5B-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
PM1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
TS1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS4	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP2	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP3	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP4	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
GR1	N5T/N5B-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	40 (80-20)	–	60 (30-120)	-	–	–	–	–

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Nanojet -EB45 *pollici*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P2	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P3	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.012	0.008-0.024	80 (50-100)	195 (100-330)	260 (100-490)	–	–	–	–	–
P4	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P5	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P6	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P7	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–	–
P8	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–	–
P11	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–	–
P12	N5T/N5B-EB45	0.004-0.006	0.004-0.008	0.004-0.008	0.008-0.020	40 (25-50)	80 (50-150)	100 (50-215)	–	–	–	–	–
M1	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	40 (30-50)	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M2	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M3	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	80 (50-130)	115 (65-195)	–	–	80 (50-130)	130 (65-195)	–
M4	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	65 (35-100)	80 (50-130)	–	–	65 (35-100)	100 (50-130)	–
M5	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.020	–	65 (35-100)	80 (50-130)	–	–	65 (35-100)	100 (50-130)	–
K1	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K2	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	80 (65-130)	130 (100-230)	145 (110-260)	–	–	–	–
K3	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K4	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	–	–	–	–
K5	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	80 (50-100)	150 (100-230)	230 (130-395)	260 (145-440)	–	–	–	–
K6	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
K7	N5T/N5B-EB45	0.004-0.008	0.004-0.010	0.004-0.012	0.008-0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–	–
N1	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N2	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N3	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
N4	N5T/N5B-EB45	0.004-0.787	0.004-0.012	0.004-0.012	0.008-0.024	165 (65-260)	–	260 (100-490)	–	165 (65-260)	–	–	–
S1	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	65 (35-80)
S2	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	65 (35-80)
S3	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	–	50 (25-65)	65 (35-80)	–	–	–	–	80 (35-80)
S11	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)
S12	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)
S13	N5T/N5B-EB45	0.003-0.006	0.004-0.006	0.004-0.008	0.008-0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	–	100 (65-165)

La tabella continua alla pagina successiva.

Parametri di taglio – Nanojet -EB45 *pollici*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H5	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H7	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H8	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H11	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H12	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H21	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H31	*N5T/N5B-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
PM1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM2	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM3	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
TS1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS2	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS3	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS4	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP2	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP3	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP4	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
GR1	*N5T/N5B-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*130 (65-260)*	–	*195 (100-395)*	–	–	–	–	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c = sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Nanojet -EB845 misure metriche

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,30	0,20 -0,60	–	60 (30-100)	80 (30-150)	–	–	–	–
P4	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	60 (30-120)	–	–	–	–
P5	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P6	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P7	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P8	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P11	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P12	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	12 (8-15)	25 (15-45)	30 (15-65)	–	–	–	–
M1	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	12 (9-15)	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M2	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M3	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M4	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
M5	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
K1	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K2	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–
K3	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K4	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (30-150)	–	–	–
K5	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–
K6	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K7	N5T/N5B-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
S1	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S2	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S3	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	25 (10-25)
S11	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S12	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S13	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
H3	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H5	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H7	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H8	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H11	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H12	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H21	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H31	N5T/N5B-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
PM1	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM2	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM3	N5T/N5B-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Nanojet -EB845 *pollici*

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.012	0.008 –0.024	–	195 (100-330)	260 (100-490)	–	–	–	–
P4	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	195 (100-395)	–	–	–	–
P5	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P6	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P7	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P8	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P11	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P12	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	40 (25-50)	80 (50-150)	100 (50-125)	–	–	–	–
M1	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	40 (30-50)	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M2	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M3	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M4	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
M5	N5T/N5B-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
K1	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K2	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	80 (65-130)	130 (100-230)	145 (110-260)	–	–	–
K3	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K4	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K5	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K6	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K7	N5T/N5B-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
S1	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S2	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S3	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S11	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S12	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S13	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
H3	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H5	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H7	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H8	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H11	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H12	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H21	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H31	N5T/N5B-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
PM1	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM2	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM3	N5T/N5B-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Nanojet -EB25/EB30 misure metriche

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P2	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P3	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P4	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P5	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P6	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P7	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
M1	N5T/N5B-EB25/EB30	0,08-0,15	0,10-0,15	0,3-0,7	0,5-1	–	25 (15-40)	35 (20-60)	–
K1	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K2	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	25 (20-40)	40 (30-70)	45 (35-80)
K3	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K4	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K5	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K6	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
K7	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
N1	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N2	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N3	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N11	N5T/N5B-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
PM1	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM2	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM3	N5T/N5B-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–

SMG = Gruppo materiale Seco. a_p = mm. f = mm/rev. v_c= m/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Nanojet -EB25/EB30 *pollici*

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P2	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P3	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P4	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P5	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P6	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P7	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
M1	*N5T/N5B-EB25/EB30*	*0.003–0.006*	*0.004–0.006*	*0.012–0.028*	*0.020–0.039*	–	*80 (50-130)*	*115 (65-195)*	–
K1	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K2	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*80 (65-130)*	*130 (100-230)*	*145 (110-260)*
K3	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K4	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K5	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K6	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K7	*N5T/N5B-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
N1	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N2	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N3	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N11	*N5T/N5B-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
PM1	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM2	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM3	*N5T/N5B-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–

SMG = Gruppo materiale Seco. a_p = *inch*. f = in/rev. v_c= sf/min. Tutti i parametri di taglio sono valori di partenza

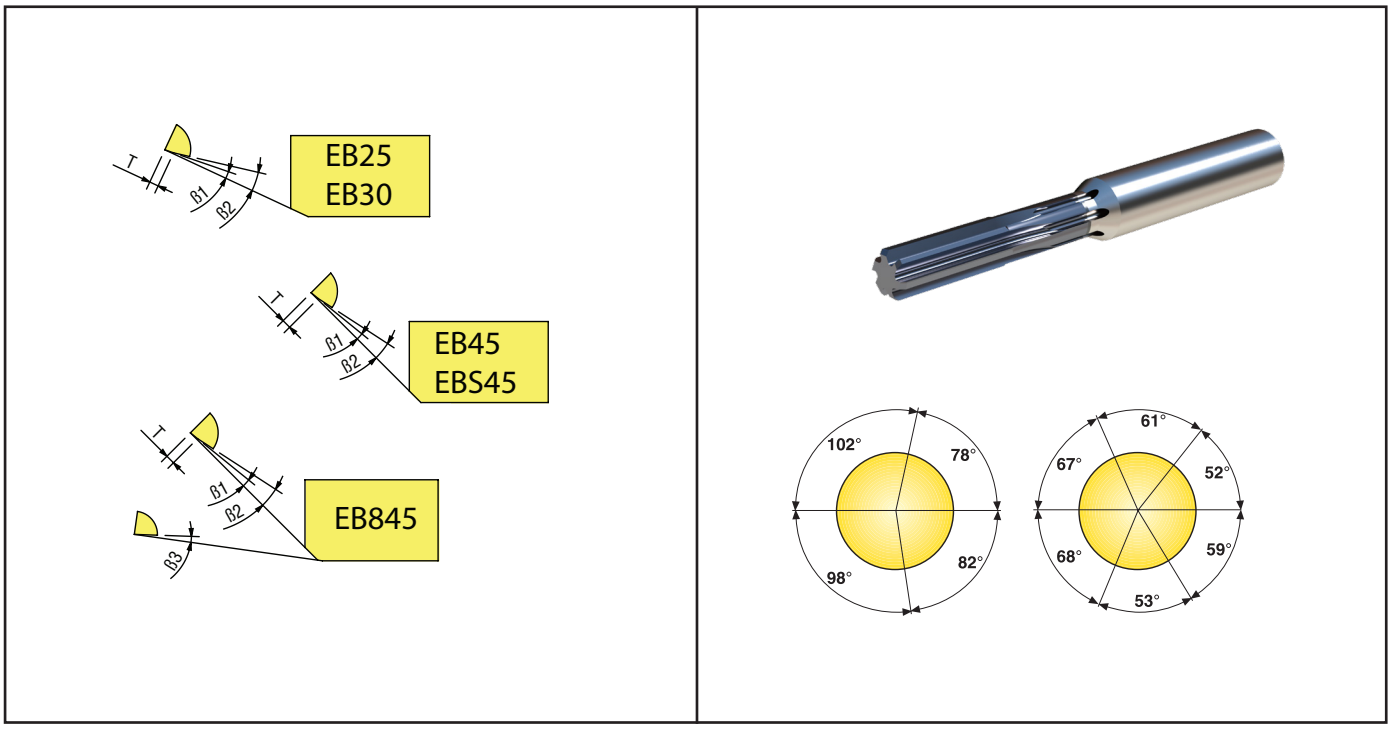
Istruzioni per la riaffilatura

Specifiche

Mola diamantata
Dimensione grana:
D6 per il 1° angolo di spoglia (β1 - β3)
D64 per il 2° angolo di spoglia (β2)

Importante

La riaffilatura riduce il diametro dell'alesatore.
La riapplicazione del rivestimento può generare un aumento del diametro.
Errore di concentricità massimo sugli smussi di imbocco 10 µm *(394 µin)*.



Nanojet ∅ mm *(pollici)*	β_1	β_2	β_3	**T mm** *(pollici)*
1,461-2,460 *(0.0575-0.0968")*	8°	21°	8°	0,10 *(0.004")*
2,461-2,960 *(0.0969-0.1165")*	8°	18°	8°	0,10 *(0.004")*
2,961-9,960 *(0.1166-0.3921")*	8°	18°	8°	0,15 *(0.006")*



Nanofix™

Gli alesatori Nanofix™ in metallo duro integrale sono progettati per diametri piccoli, compresi tra 2,97 e 12,05 mm (0.117” – 0.474”).

- Adduzione refrigerante con un sistema semplice e regolabile in modo che l’attacco possa essere impostato per foro passante o per foro cieco, in funzione dell’applicazione.
- Consente tolleranze tra 10 e 15µm (0,0004-0,0006’)
- Otto geometrie disponibili: EB45, EBS45, EB845, EB25, EB30, EBS30, EB60 e EB75

Panoramica della gamma

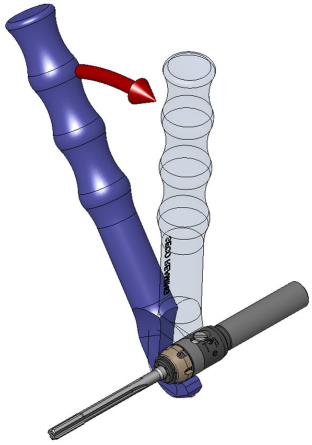
	Gamma ∅	Profondità di alesatura	Tolleranza ∅ foro	Diametro intermedio	Finitura superficiale
Nanofix™ 	2,97-12,05 mm *(0.1169-0.4744")*	5-12 x D	IT 7	Disponibile tramite My Design	R_a 0,2-1,2 µm *(R_a 7.87-47.2 µin)*

Nanofix™ è un programma di alesatori in metallo duro integrale Seco dedicato per ∅ di piccole dimensioni da 2,97 a 12,05 mm *(da 0,1169 a 0,4744")* .
Il design include un esclusivo sistema di bloccaggio brevettato Quick-fit che consente di bloccare l'intera gamma di diametri con solo 2 portautensili.
I portautensili sono dotati di sistema di adduzione refrigerante interna, semplice e regolabile, in modo da poter definire l'adduzione per fori passanti o ciechi, in base all'applicazione.

Quick-fit

Quick-fit

Cambio utensile rapido e facile.
Preciso riposizionamento in eccentricità e lunghezza.



2 portautensili Quick-Fit per coprire tutta la gamma diametrale



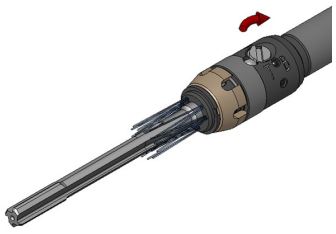
Quick-fit ∅ 10 mm per
∅ 6,051-12,050 mm
(∅ 0,2382-0,4744")



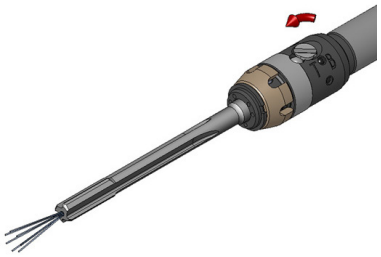
Quick-fit ∅ 6 mm per
∅ 2,97-6,050 mm
(∅ 0,1169-0,2382")

Unico utensile per applicazioni su fori ciechi e su fori passanti

Ruotate la vite di regolazione del sistema di lubrorefrigerazione di 1/4 di giro per passare dalla refrigerazione per fori ciechi a quella per fori passanti e viceversa.



passante



cieco

Chiave di codifica

Gambi

NFQF06	–	03300	–	12	–	N	–	1
1		2		3		4		5

1. Tipo di gambo

2. Lunghezza utile

3. Diametro stelo cilindrico

4 Neutro

5 Stelo cilindrico DIN 1835



Alesatori

NF06	–	4H7	–	EB45	–	RX2000
1		2		3		4

1. Tipo di alesatore

2. Diametro e tolleranza del foro

3. Geometria di imbocco

4 Qualità



Alesatori di diametro intermedio

NF6	–	10.1H7	–	EB845	–	RX2000
1		2		3		4

0.3976”–0.3983”
2

1. Tipo di alesatore

2. Diametro e tolleranza del foro

3. Geometria di imbocco

4 Qualità



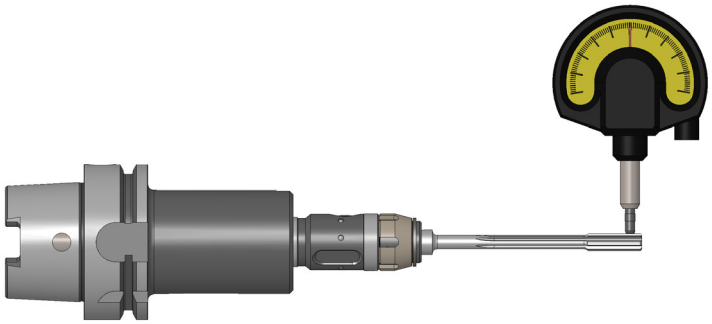
NF06/NF10/NS06/NS10: Design a scanalature dritte, adatto per fori passanti e ciechi.
NF4/NS4: Versione elicoidale DX, adatta solo a fori ciechi.
NF6/NS6: Versione elicoidale SX, adatta solo a fori passanti.
L’elica sinistra facilita l’evacuazione del truciolo in avanti.
L’elica destra facilita l’evacuazione del truciolo all’indietro.
Si vedano le pagine 390 e seguenti relative alla scelta delle geometrie Nanofix.

Eccentricità

Utensile rotante

Massima eccentricità raccomandata: 5 µm *(197 µin)*.
Si raccomanda un attacco di precisione: Attacco idraulico, porta pinze 5672.

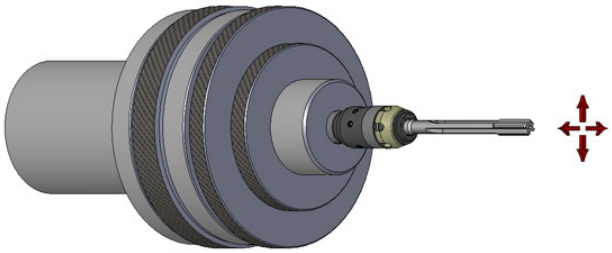
Nota: a causa dell'anello di tenuta per l'orientamento del flusso refrigerante, l'uso degli attacchi a calettamento termico è sconsigliato.



Utensile statico

Utilizzare un attacco flottante Seco, vedere le pagine 488-492.

Gli attacchi flottanti consentono all'alesatore di auto-centrarsi nel preforo.



Requisiti del refrigerante

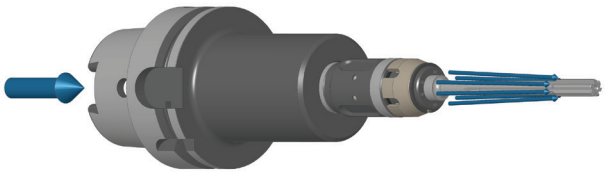
Per la massima durata utensile ed una buona qualità del foro, si devono soddisfare i seguenti requisiti relativi al refrigerante.

Si raccomanda l'adduzione del refrigerante attraverso l'utensile.
L'adduzione esterna è possibile se le condizioni di taglio sono ridotte del 75%.

Olio solubile con almeno il 40% di olio minerale.
Per l'acciaio inossidabile si consiglia olio puro.

Concentrazione minima 6-8%.
Filtrazione 30-50 µm *(1181-1969 µin)*.
Volume minimo 0,5 l/min/mm *(0,13 gal/min/pollici)* in rapporto al diametro utensile (esempio: alesatore ∅ 10, il volume minimo è 5 l/min *(1,3 gal/min)*.

Pressione del refrigerante consigliata: min. 8-10 bar, max. 30 bar

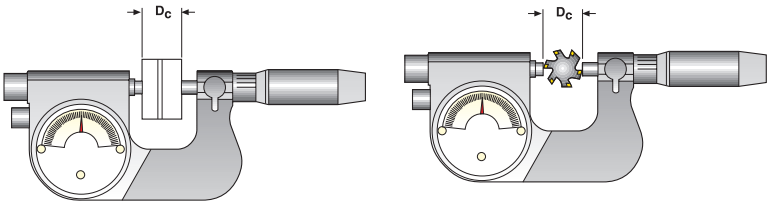


Misura diametro

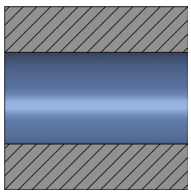
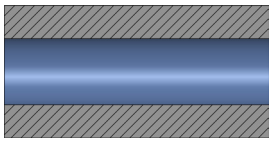
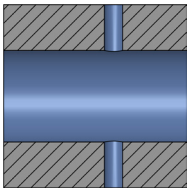
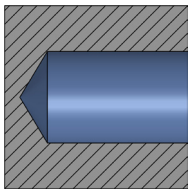
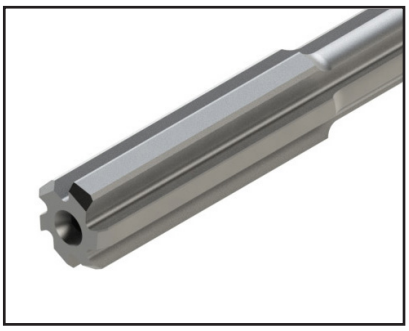
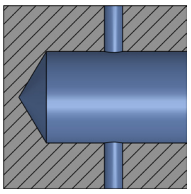
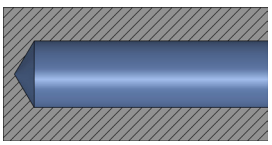
Calibrare il micrometro a quadrante prima della misura del ∅.

Importante!
Gli alesatori Nanofix hanno passo differenziato.
Durante la misura del diametro, è necessario assicurarsi di misurare due lame opposte a 180°.

Per le rilevazioni, utilizzare un micrometro a quadrante e dei tastatori comparatori.



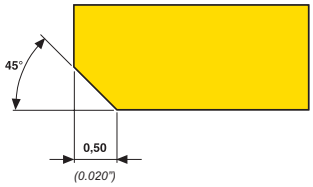
Scelta della geometria della scanalatura

Pezzo in lavorazione	Diametro da alesare ∅ 2,97-12,50 mm *(0,1169-0,4744")*	
Foro passante corto < 3 x D 	**Scanalature dritte** NF06 NS06 NF10 NS10	
Foro passante lungo > 3 x D 	**Scanalature elicoidali SX** NF6 NS6	
Foro passante attraverso un foro preesistente 		
Foro cieco 	**Scanalature dritte** NF06 NS06 NF10 NS10	
Foro cieco attraverso un foro preesistente 		
Foro cieco > 3x D 	**Scanalature elicoidali DX** NF4 NS4	

Scelta della geometria – Applicazioni

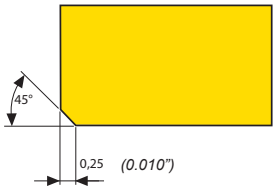
Geometria di imbocco - EB45

Controllo truciolo ++
Finitura superficiale+++ R_a 0,8-1,2 µm
(Finitura superficiale+++ R_a 31-47 µin)
Versatile



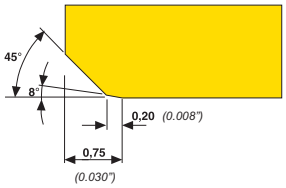
Geometria di imbocco - EBS45

Controllo truciolo +++
Finitura superficiale + R_a 0,8-1,2
(Finitura superficiale + R_a 31-47 µin)
EB45 corto



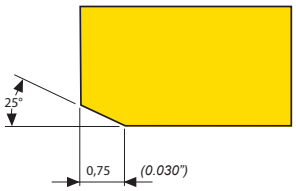
Geometria di imbocco - EB845

Controllo truciolo ++
Finitura superficiale+++ R_a 0,2-0,8 µm
(Finitura superficiale+++ R_a 8-31 µin)



Geometria di imbocco - EB25

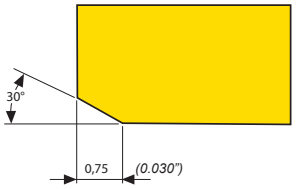
Possibilità di avanzamenti elevati +++
Finitura superficiale ++ R_a 0,4-0,8 µm
(Finitura superficiale ++ R_a 16-31 µin)
Controllo truciolo +



Scelta della geometria – Applicazioni

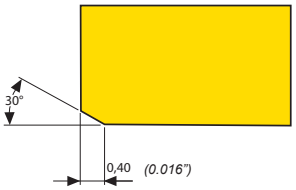
Geometria di imbocco - EB30

Possibilità di avanzamenti elevati +++
Finitura superficiale ++ (R_a 0,4-0,8 µm)
(Finitura superficiale ++ R_a 16-31 µin)
Controllo truciolo +



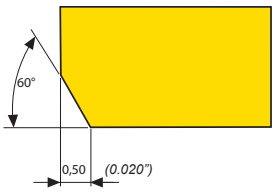
Geometria di imbocco - EBS30

Possibilità di avanzamenti elevati +++
Finitura superficiale ++ R_a 0,4-0,8 µm
*(Finitura superficiale ++ R_a 16-31 µin)*Controllo truciolo +
EB30 corto



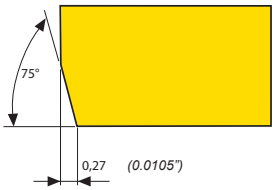
Geometria di imbocco - EB60

Possibilità di avanzamenti elevati +
Finitura superficiale ++ R_a 0,8-1,2 µm
(Finitura superficiale ++ R_a 31-47 µin)
Controllo truciolo ++



Geometria di imbocco - EB75

Possibilità di avanzamenti elevati +
Finitura superficiale ++ R_a 0,8-1,2 µm
(Finitura superficiale ++ R_a 31-47 µin)
Controllo truciolo ++



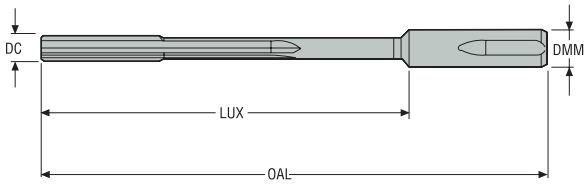
Qualità

	**RX2000**	**Rivestita** Qualità rivestita ad alte prestazioni per tutti i materiali da lavorare.
	**CP20**	**Rivestita** Qualità rivestita versatile adatta per la maggior parte dei materiali da lavorare, tranne l'alluminio. TiN
	**H15**	**Non rivestita** Qualità micrograna tenace per tutti i materiali da lavorare. Adatta per operazioni di finitura, grazie all'affilatura del tagliente.
	**RN2010**	**Non rivestita** Qualità sub-micrograna non rivestita con geometrie ottimizzate per materiali N (non ferrosi).
	**RM2020**	**Rivestita** Qualità rivestita tenace per operazioni di finitura con geometrie ottimizzate per materiali M.
	**RM2090**	**Rivestita** Qualità rivestita resistente all'usura con geometrie specifiche per materiali M. Ottimizzazione su materiali M.
	**RK2050**	**Rivestita** Qualità rivestita tenace per operazioni di finitura con geometrie ottimizzate per materiali K.
	**RS2090**	**Rivestita** Qualità rivestita resistente all'usura con geometrie specifiche per materiali S. Ottimizzazione su materiali S.

Alesatore per fori ciechi e passanti

∅ 3,00–12,00 mm / 0.118–0.472"





Codice di ordinazione	Codice prodotto	DC	Hole dia min-max		LUX	DMM	OAL		Geometrie			Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		EB45	EB845	EB30	RX2000	H15	H15
NF06-3H7-EB45	02728858	3,0 *0.1181*	3,0 *0.1181*	3,01 *0.1185*	40,0 *1.5750*	6,0 *0.2360*	60,0 *2.3620*	4	■	□	□	■	□	□
NF06-3.99H7-EB45	02728873	3,99 *0.1571*	3,99 *0.1571*	4,002 *0.1576*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4H7-EB45	02728874	4,0 *0.1575*	4,0 *0.1575*	4,012 *0.1580*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.02H7-EB45	02728876	4,02 *0.1583*	4,02 *0.1583*	4,032 *0.1587*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.04H7-EB45	02728879	4,04 *0.1591*	4,04 *0.1591*	4,052 *0.1595*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.762H7-EB45	02761494	4,762 *0.1875*	4,762 *0.1875*	4,774 *0.1880*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-4.98H7-EB45	02728883	4,98 *0.1961*	4,98 *0.1961*	4,992 *0.1965*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5H7-EB45	02728927	5,0 *0.1969*	5,0 *0.1969*	5,012 *0.1973*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.01H7-EB45	02728928	5,01 *0.1972*	5,01 *0.1972*	5,022 *0.1977*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.02H7-EB45	02728929	5,02 *0.1976*	5,02 *0.1976*	5,032 *0.1981*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.03H7-EB45	02728930	5,03 *0.1980*	5,03 *0.1980*	5,042 *0.1985*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.05H7-EB45	02728932	5,05 *0.1988*	5,05 *0.1988*	5,062 *0.1993*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.5H7-EB45	02728933	5,5 *0.2165*	5,5 *0.2165*	5,512 *0.2170*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.98H7-EB45	02728935	5,98 *0.2354*	5,98 *0.2354*	5,992 *0.2359*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-5.99H7-EB45	02728936	5,99 *0.2358*	5,99 *0.2358*	6,002 *0.2363*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6H7-EB45	02728937	6,0 *0.2362*	6,0 *0.2362*	6,015 *0.2368*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.01H7-EB45	02728938	6,01 *0.2366*	6,01 *0.2366*	6,025 *0.2372*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.02H7-EB45	02728939	6,02 *0.2370*	6,02 *0.2370*	6,035 *0.2376*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.03H7-EB45	02728940	6,03 *0.2374*	6,03 *0.2374*	6,045 *0.2380*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.04H7-EB45	02728941	6,04 *0.2378*	6,04 *0.2378*	6,055 *0.2384*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF06-6.05H7-EB45	02728942	6,05 *0.2382*	6,05 *0.2382*	6,065 *0.2388*	60,0 *2.3620*	6,0 *0.2360*	80,0 *3.1500*	4	■	□	□	■	□	□
NF10-6.350H7-EB45	02762016	6,35 *0.2500*	6,35 *0.2500*	6,365 *0.2506*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7H7-EB45	02728949	7,0 *0.2756*	7,0 *0.2756*	7,015 *0.2762*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.05H7-EB45	02728954	7,05 *0.2776*	7,05 *0.2776*	7,065 *0.2781*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.9375H7-EB45	02762018	7,9375 *0.3125*	7,937 *0.3125*	7,952 *0.3131*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-7.98H7-EB45	02728957	7,98 *0.3142*	7,98 *0.3142*	7,995 *0.3148*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□

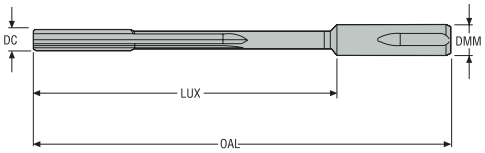
Codice di ordinazione	Codice prodotto	DC	Hole dia min-max		LUX	DMM	OAL		Geometrie			Qualità		
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*		EB45	EB845	EB30	RX2000	H15	H15
NF10-7.99H7-EB45	02728958	7,99 *0.3146*	7,99 *0.3146*	8,005 *0.3152*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8H7-EB45	02728959	8,0 *0.3150*	8,0 *0.3150*	8,015 *0.3156*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.01H7-EB45	02728960	8,01 *0.3154*	8,01 *0.3154*	8,025 *0.3159*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.02H7-EB45	02728961	8,02 *0.3157*	8,02 *0.3157*	8,035 *0.3163*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.03H7-EB45	02728962	8,03 *0.3161*	8,03 *0.3161*	8,045 *0.3167*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.04H7-EB45	02728963	8,04 *0.3165*	8,04 *0.3165*	8,055 *0.3171*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.05H7-EB45	02728964	8,05 *0.3169*	8,05 *0.3169*	8,065 *0.3175*	83,0 *3.2680*	10,0 *0.3940*	115,0 *4.5280*	6	■	□	□	■	□	□
NF10-8.5H7-EB45	02728965	8,5 *0.3346*	8,5 *0.3346*	8,515 *0.3352*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9H7-EB45	02728974	9,0 *0.3543*	9,0 *0.3543*	9,015 *0.3549*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.5250H7-EB45	02762020	9,525 *0.3750*	9,525 *0.3750*	9,54 *0.3756*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-9.99H7-EB45	02728983	9,99 *0.3933*	9,99 *0.3933*	10,005 *0.3939*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-10H7-EB45	02728986	10,0 *0.3937*	10,0 *0.3937*	10,015 *0.3943*	93,0 *3.6610*	10,0 *0.3940*	125,0 *4.9210*	6	■	□	□	■	□	□
NF10-11H7-EB45	02728997	11,0 *0.4331*	11,0 *0.4331*	11,018 *0.4338*	114,0 *4.4880*	10,0 *0.3940*	145,0 *5.7090*	6	■	□	□	■	□	□
NF10-12H7-EB45	02729011	12,0 *0.4724*	12,0 *0.4724*	12,018 *0.4731*	114,0 *4.4880*	10,0 *0.3940*	145,0 *5.7090*	6	■	□	□	■	□	□

■ **Prodotto standard.** □ **Prodotto standard non presente a magazzino.**
Nota: Quando si ordinano alesatori Nanofix per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: NF10-10.187/10.213-EB845, RX2000.

Diametro intermedio

Scanalature diritte, versione lunga, per fori passanti e ciechi





—Per la scelta della geometria, vedere le pagine 391-392
—Per i parametri di taglio raccomandati, vedere pagina(e) 399-405

Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Dimensione stelo	Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NF06-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	40,0 *0.120*	6,0 *0.236*	60,0 *2.362*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF06-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	60,0 *0.238*	6,0 *0.236*	80,0 *3.150*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF10-6.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	83,0 *0.317*	10,0 *0.394*	115,0 *4.528*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF10-8.051-XX-XXXX	8,051 *0.317*	10,05 *0.396*	93,0 *0.396*	10,0 *0.394*	125,0 *4.921*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF10-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	114,0 *0.474*	10,0 *0.394*	145,0 *5.709*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐

☐ **= Prodotto standard non presente a magazzino**
Nota: Quando si ordinano alesatori Nanofix per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: NF06-5.187/5.213-EB845, RX2000.

Diametro intermedio

Scanalature elicoidali SX, versione lunga, per fori passanti





—Per la scelta della geometria, vedere le pagine 391-392
—Per i parametri di taglio raccomandati, vedere pagina(e) 399-405

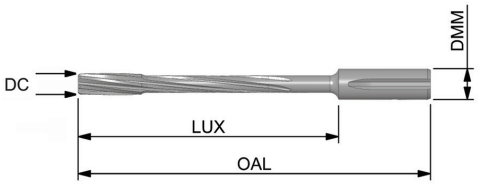
Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Dimensione stelo	Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NF6-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	40,0 *1.575*	6,0 *0.236*	60,0 *2.362*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	60,0 *2.362*	6,0 *0.236*	80,0 *3.150*	4	NFQF06-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-6.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	83,0 *3.268*	10,0 *0.394*	115,0 *4.528*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-8.051-XX-XXXX	8,051 *0.317*	10,05 *0.396*	93,0 *3.661*	10,0 *0.394*	125,0 *4.921*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐
NF6-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	114,0 *4.488*	10,0 *0.394*	145,0 *5.709*	6	NFQF10-xx	EB45 EB845 EB30	☐	☐	☐	☐	☐	☐	☐

☐ **= Prodotto standard non presente a magazzino**
Nota: Quando si ordinano alesatori Nanofix per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: NF6-5.187/5.213-EB845, RX2000.

Diametro intermedio

Scanalature elicoidali DX, versione lunga, per fori ciechi





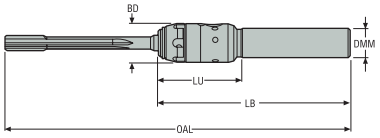
—Per la scelta della geometria, vedere le pagine 391-392
—Per i parametri di taglio raccomandati, vedere pagina(e) 399-405

Codice di ordinazione	DCN	DCX	LUX	DMM	OAL		Dimensione stelo	Geometrie	Qualità						
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				H15	RK2050	RX2000	RN2010	RM2020	RM2090	RS2090
NF4-2.970-XX-XXXX	2,97 *0.117*	3,05 *0.120*	40,0 *1.575*	6,0 *0.236*	60,0 *2.362*	4	NFQF06-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-3.051-XX-XXXX	3,051 *0.120*	6,05 *0.238*	60,0 *2.362*	6,0 *0.236*	80,0 *3.150*	4	NFQF06-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-4.051-XX-XXXX	6,051 *0.238*	8,05 *0.317*	83,0 *3.268*	10,0 *0.394*	115,0 *4.528*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-8.051-XX-XXXX	8,051 *0.317*	10,05 *0.396*	93,0 *3.661*	10,0 *0.394*	125,0 *4.921*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐
NF4-10.051-XX-XXXX	10,051 *0.396*	12,05 *0.474*	114,0 *4.488*	10,0 *0.394*	145,0 *5.709*	6	NFQF10-xx	EB45 EB845	☐	☐	☐	☐	☐	☐	☐

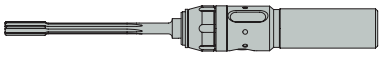
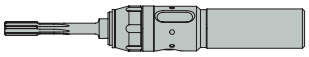
☐ = **Prodotto standard non presente a magazzino**
Nota: Quando si ordinano alesatori Nanofix per diametri intermedi, indicare il diametro e la tolleranza del foro da alesare.
Esempio d'ordine: NF4-10.187/10.213-EB845, RX2000.

Portautensili Nanofix

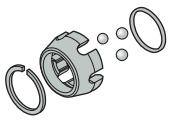




Codice di ordinazione	Codice prodotto	DC	DMM	BD	LU	LB
		mm	mm	mm	mm	mm
NFQF06-03700-10N1	02729036	2,97-6,05	10,0	16,0	37,0	80,0
NFQF06-03300-12N1	02729037	2,97-6,05	12,0	16,0	35,0	80,0
NFQF06-03000-16N1	02729041	2,97-6,05	16,0	16,0	30,0	80,0
NFQF10-05200-12N1	02729044	6,051-12,05	12,0	23,0	52,0	100,0
NFQF10-04900-16N1	02729045	6,051-12,05	16,0	23,0	49,0	100,0
NFQF10-04700-20N1	02729046	6,051-12,05	20,0	23,0	47,0	100,0

	Lunghezza standard	Versione corta
		
DC	**OAL**	**OAL**
2,970-3,050 mm *(0.1169-0.1200")*	124,5 mm *(4.902")*	109,5 mm *(4.311")*
3,051-6,050 mm *(0.1201-0.2382")*	144,5 mm *(5.689")*	113,5 mm *(4.469")*
6,051-8,050 mm *(0.2383-0.3169")*	189,5 mm *(7.461")*	149,5 mm *(5.886")*
8,051-10,050 mm *(0.3170-0.3956")*	199,5 mm *(7.854")*	152,5 mm *(6.004")*
10,051-12,050 mm *(0.3957-0.4744")*	219,5 mm *(8.642")*	162,5 mm *(6.398")*

Parti di ricambio, comprese nella fornitura

DC	Kit di serraggio di ricambio	Chiave
		
2,97-6,050	NF06-CLKI	CLC06KEY
6,051-12,050	NF10-CLKI	CLC10KEY

Il kit di serraggio di ricambio per attacchi Nanofix include quanto segue:
- 1 ghiera di serraggio
- 1 anello elastico di fermo assiale
- 3 sfere di serraggio (diam. 3,5 mm per misura NF06 e diam. 5 mm per misura NF10)
- 1 sfera di bloccaggio non estraibile (diam. 3 mm per misura NF06 e diam. 4 mm per misura NF10)
- 1 O-ring

Nota: sfera di bloccaggio non estraibile non mostrata in figura.

Parametri di taglio – NF/NS...-EB45 misure metriche

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	25 (15-30)	60 (30-100)	80 (30-150)	-	–	–	–	–
P4	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P5	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P6	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P7	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	20 (10-25)	50 (30-80)	60 (30-120)	-	–	–	–	–
P8	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P11	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	15 (10-20)	35 (20-60)	40 (20-80)	-	–	–	–	–
P12	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	12 (8-15)	25 (15-45)	30 (15-65)	-	–	–	–	–
M1	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	12 (9-15)	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M2	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M3	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	25 (15-40)	35 (20-60)	-	–	25 (15-40)	40 (20-60)	–
M4	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
M5	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,50	–	20 (10-30)	25 (15-40)	-	–	25 (10-30)	30 (15-40)	–
K1	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K2	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–	–
K3	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K4	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K5	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–	–
K6	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
K7	NF/NS-EB45	0,10-0,20	0,10-0,25	0,10-0,30	0,20-0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–	–
N1	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N2	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N3	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
N4	NF/NS-EB45	0,10-0,20	0,10-0,30	0,10-0,30	0,20-0,60	50 (20-80)	-	80 (30-150)	-	50 (20-80)	–	–	–
S1	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S2	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	20 (10-25)
S3	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	15 (8-20)	20 (10-25)	-	–	–	–	25 (10-25)
S11	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S12	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)
S13	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	20 (15-30)	30 (15-40)	40 (20-50)	-	–	–	–	30 (20-50)

La tabella continua alla pagina successiva.

Parametri di taglio – NF/NS...-EB45 misure metriche

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H5	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H7	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H8	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H11	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H12	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H21	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
H31	NF/NS-EB45	0,08-0,15	0,10-0,15	0,10-0,20	0,20-0,30	–	–	10 (8-15)	-	–	–	–	–
PM1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
PM3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,20	0,20-0,50	–	50 (30-80)	70 (40-100)	-	–	–	–	–
TS1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TS4	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP2	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP3	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
TP4	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	20 (15-25)	–	40 (20-60)	-	–	–	–	–
GR1	NF/NS-EB45	0,10-0,15	0,1-0,20	0,10-0,30	0,20-0,60	40 (80-20)	–	60 (30-120)	-	–	–	–	–

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – NF/NS...-EB45 *pollici*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
P1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	–	–	–	–
P2	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	–	–	–	–
P3	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–	–	–	–	–
P4	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	–	–	–	–
P5	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	–	–	–	–
P6	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	–	–	–	–
P7	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	*65 (35-80)*	*165 (100-260)*	*195 (100-395)*	–	–	–	–	–
P8	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	*50 (35-65)*	*115 (65-195)*	*130 (65-260)*	–	–	–	–	–
P11	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	*50 (35-65)*	*115 (65-195)*	*130 (65-260)*	–	–	–	–	–
P12	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	*40 (25-50)*	*80 (50-150)*	*100 (50-215)*	–	–	–	–	–
M1	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.020*	*40 (30-50)*	*80 (50-130)*	*115 (65-195)*	–	–	*80 (50-130)*	*130 (65-195)*	–
M2	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.020*	–	*80 (50-130)*	*115 (65-195)*	–	–	*80 (50-130)*	*130 (65-195)*	–
M3	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.020*	–	*80 (50-130)*	*115 (65-195)*	–	–	*80 (50-130)*	*130 (65-195)*	–
M4	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.020*	–	*65 (35-100)*	*80 (50-130)*	–	–	*65 (35-100)*	*100 (50-130)*	–
M5	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.020*	–	*65 (35-100)*	*80 (50-130)*	–	–	*65 (35-100)*	*100 (50-130)*	–
K1	*NF/NS-EB45*	*0.004-0.008*	*0.004-0.010*	*0.004-0.012*	*0.008-0.024*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	–	–	–
K2	*NF/NS-EB45*	*0.004-0.008*	*0.004-0.010*	*0.004-0.012*	*0.008-0.024*	–	*80 (65-130)*	*130 (100-230)*	*145 (110-260)*	–	–	–	–
K3	*NF/NS-EB45*	*0.004-0.008*	*0.004-0.010*	*0.004-0.012*	*0.008-0.024*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	–	–	–
K4	*NF/NS-EB45*	*0.004-0.008*	*0.004-0.010*	*0.004-0.012*	*0.008-0.024*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*	–	–	–	–
K5	*NF/NS-EB45*	*0.004-0.008*	*0.004-0.010*	*0.004-0.012*	*0.008-0.024*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*	–	–	–	–
K6	*NF/NS-EB45*	*0.004-0.008*	*0.004-0.010*	*0.004-0.012*	*0.008-0.024*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	–	–	–
K7	*NF/NS-EB45*	*0.004-0.008*	*0.004-0.010*	*0.004-0.012*	*0.008-0.024*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*	–	–	–	–
N1	*NF/NS-EB45*	*0.004-0.787*	*0.004-0.012*	*0.004-0.012*	*0.008-0.024*	*165 (65-260)*	–	*260 (100-490)*	–	*165 (65-260)*	–	–	–
N2	*NF/NS-EB45*	*0.004-0.787*	*0.004-0.012*	*0.004-0.012*	*0.008-0.024*	*165 (65-260)*	–	*260 (100-490)*	–	*165 (65-260)*	–	–	–
N3	*NF/NS-EB45*	*0.004-0.787*	*0.004-0.012*	*0.004-0.012*	*0.008-0.024*	*165 (65-260)*	–	*260 (100-490)*	–	*165 (65-260)*	–	–	–
N4	*NF/NS-EB45*	*0.004-0.787*	*0.004-0.012*	*0.004-0.012*	*0.008-0.024*	*165 (65-260)*	–	*260 (100-490)*	–	*165 (65-260)*	–	–	–
S1	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	*50 (25-65)*	*65 (35-80)*	–	–	–	–	*65 (35-80)*
S2	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	*50 (25-65)*	*65 (35-80)*	–	–	–	–	*65 (35-80)*
S3	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	*50 (25-65)*	*65 (35-80)*	–	–	–	–	*80 (35-80)*
S11	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	*65 (50-100)*	*100 (50-130)*	*130 (65-165)*	–	–	–	–	*100 (65-165)*
S12	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	*65 (50-100)*	*100 (50-130)*	*130 (65-165)*	–	–	–	–	*100 (65-165)*
S13	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	*65 (50-100)*	*100 (50-130)*	*130 (65-165)*	–	–	–	–	*100 (65-165)*

La tabella continua alla pagina successiva.

Parametri di taglio – NF/NS...-EB45 *pollici*

SMG		a_p (∅)		f		v_c							
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RN2010	RM2020	RM2090	RS2090
H3	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H5	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H7	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H8	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H11	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H12	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H21	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
H31	*NF/NS-EB45*	*0.003-0.006*	*0.004-0.006*	*0.004-0.008*	*0.008-0.012*	–	–	*35 (25-50)*	–	–	–	–	–
PM1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM2	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
PM3	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.008*	*0.008-0.020*	–	*165 (100-260)*	*230 (130-350)*	–	–	–	–	–
TS1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS2	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS3	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TS4	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP2	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP3	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
TP4	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*65 (50-80)*	–	*130 (65-195)*	–	–	–	–	–
GR1	*NF/NS-EB45*	*0.004-0.006*	*0.004-0.008*	*0.004-0.012*	*0.008-0.024*	*130 (65-260)*	–	*195 (100-395)*	–	–	–	–	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c = sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – NF/NS...-EB845 misure metriche

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,30	0,20 -0,60	–	60 (30-100)	80 (30-150)	–	–	–	–
P4	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	60 (30-120)	–	–	–	–
P5	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P6	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P7	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	20 (10-25)	50 (30-80)	60 (30-120)	–	–	–	–
P8	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P11	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	15 (10-20)	35 (20-60)	40 (20-80)	–	–	–	–
P12	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	12 (8-15)	25 (15-45)	30 (15-65)	–	–	–	–
M1	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	12 (9-15)	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M2	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M3	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	25 (15-45)	35 (20-60)	–	25 (15-40)	40 (20-60)	–
M4	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
M5	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20 -0,50	–	20 (10-30)	25 (15-40)	–	25 (10-30)	30 (15-40)	–
K1	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K2	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	25 (20-40)	40 (30-70)	45 (35-80)	–	–	–
K3	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K4	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (30-150)	–	–	–
K5	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)	–	–	–
K6	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
K7	NF/NS-EB845	0,10 -0,20	0,10 -0,25	0,10 -0,30	0,20 -0,60	–	60 (40-100)	80 (30-150)	90 (35-170)	–	–	–
S1	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S2	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	20 (10-25)
S3	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	15 (8-20)	20 (10-25)	–	–	–	25 (10-25)
S11	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S12	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
S13	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	20 (15-30)	30 (15-40)	40 (20-50)	–	–	–	30 (20-50)
H3	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H5	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H7	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H8	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H11	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H12	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H21	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
H31	NF/NS-EB845	0,08 -0,15	0,10 -0,15	0,10 -0,20	0,20- 0,30	–	–	10 (8-15)	–	–	–	–
PM1	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM2	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–
PM3	NF/NS-EB845	0,10 -0,15	0,1 -0,20	0,10 -0,20	0,20 -0,50	–	50 (30-80)	70 (40-100)	–	–	–	–

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – NF/NS...-EB845 *pollici*

SMG		a_p (∅)		f		v_c						
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050	RM2020	RM2090	RS2090
P3	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.012	0.008 –0.024	–	195 (100-330)	260 (100-490)	–	–	–	–
P4	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	195 (100-395)	–	–	–	–
P5	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P6	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P7	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	65 (35-80)	165 (100-260)	195 (100-395)	–	–	–	–
P8	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P11	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	50 (35-65)	115 (65-195)	130 (65-260)	–	–	–	–
P12	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	40 (25-50)	80 (50-150)	100 (50-125)	–	–	–	–
M1	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	40 (30-50)	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M2	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M3	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	80 (50-150)	115 (65-200)	–	80 (50-130)	130 (65-195)	–
M4	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
M5	NF/NS-EB845	0.003 -0.006	0.004 –0.006	0.004 –0.008	0.008 -0.02	–	65 (30-100)	80 (50-135)	–	80 (35-100)	100 (50-130)	–
K1	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K2	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	80 (65-130)	130 (100-230)	145 (110-260)	–	–	–
K3	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K4	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K5	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	80 (50-100)	150 (100-330)	230 (130-395)	260 (145-440)	–	–	–
K6	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
K7	NF/NS-EB845	0.004 –0.008	0.004 –0.010	0.004 –0.012	0.008 –0.024	–	195 (130-330)	260 (100-490)	290 (110-550)	–	–	–
S1	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S2	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S3	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	50 (25-65)	65 (35-80)	–	–	–	65 (35-80)
S11	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S12	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
S13	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	65 (50-100)	100 (50-130)	130 (65-165)	–	–	–	100 (65-165)
H3	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H5	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H7	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H8	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H11	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H12	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H21	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
H31	NF/NS-EB845	0.003 –0.006	0.004 –0.006	0.004 –0.008	0.008 –0.012	–	–	35 (25-50)	–	–	–	–
PM1	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM2	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–
PM3	NF/NS-EB845	0.004 –0.006	0.004 –0.008	0.004 –0.008	0.008 –0.020	–	165 (100-260)	230 (130-350)	–	–	–	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – NF/NS...-EB25/EB30 misure metriche

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P2	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P3	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	25 (15-30)	60 (30-100)	80 (30-150)	–
P4	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P5	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P6	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
P7	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,7	0,5-1	20 (10-25)	50 (30-80)	60 (30-120)	–
M1	NF/NS-EB25/EB30	0,08-0,15	0,10-0,15	0,3-0,7	0,5-1	–	25 (15-40)	35 (20-60)	–
K1	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K2	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	25 (20-40)	40 (30-70)	45 (35-80)
K3	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	60 (40-100)	80 (30-150)	90 (35-170)
K4	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K5	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	25 (15-30)	45 (30-70)	70 (40-120)	80 (45-135)
K6	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
K7	NF/NS-EB25/EB30	0,10-0,20	0,10-0,25	0,3-0,9	0,5-1,2	–	60 (40-100)	80 (30-150)	90 (35-170)
N1	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N2	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N3	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
N11	NF/NS-EB25/EB30	0,10-0,20	0,10-0,30	0,3-0,9	0,5-1,2	50 (20-80)	–	–	–
PM1	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM2	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–
PM3	NF/NS-EB25/EB30	0,10-0,15	0,1-0,20	0,3-0,9	0,5-1,2	–	50 (30-80)	70 (40-100)	–

SMG = Gruppo materiale Seco. a_p = mm. f = mm/rev. v_c= m/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – NF/NS...-EB25/EB30 *pollici*

SMG		a_p (∅)		f		v_c			
		z=4	z=6	z=4	z=6	H15	CP20	RX2000	RK2050
P1	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P2	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P3	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (100-330)*	*260 (100-490)*	–
P4	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P5	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P6	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
P7	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.028*	*0.020–0.039*	*65 (35-80)*	*165 (100-265)*	*195 (100-395)*	–
M1	*NF/NS-EB25/EB30*	*0.003–0.006*	*0.004–0.006*	*0.012–0.028*	*0.020–0.039*	–	*80 (50-130)*	*115 (65-195)*	–
K1	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K2	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*80 (65-130)*	*130 (100-230)*	*145 (110-260)*
K3	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K4	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K5	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	*80 (50-100)*	*150 (100-230)*	*230 (130-395)*	*260 (145-440)*
K6	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
K7	*NF/NS-EB25/EB30*	*0.004–0.008*	*0.004–0.010*	*0.012–0.035*	*0.020–0.047*	–	*195 (130-330)*	*260 (100-490)*	*290 (110-550)*
N1	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N2	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N3	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
N11	*NF/NS-EB25/EB30*	*0.004–0.787*	*0.004–0.012*	*0.012–0.035*	*0.020–0.047*	*165 (65-265)*	–	–	–
PM1	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM2	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–
PM3	*NF/NS-EB25/EB30*	*0.004–0.006*	*0.004–0.008*	*0.012–0.035*	*0.020–0.047*	–	*165 (100-265)*	*230 (130-330)*	–

SMG = Gruppo materiale Seco. a_p = *inch*. f = in/rev. v_c= sf/min. Tutti i parametri di taglio sono valori di partenza

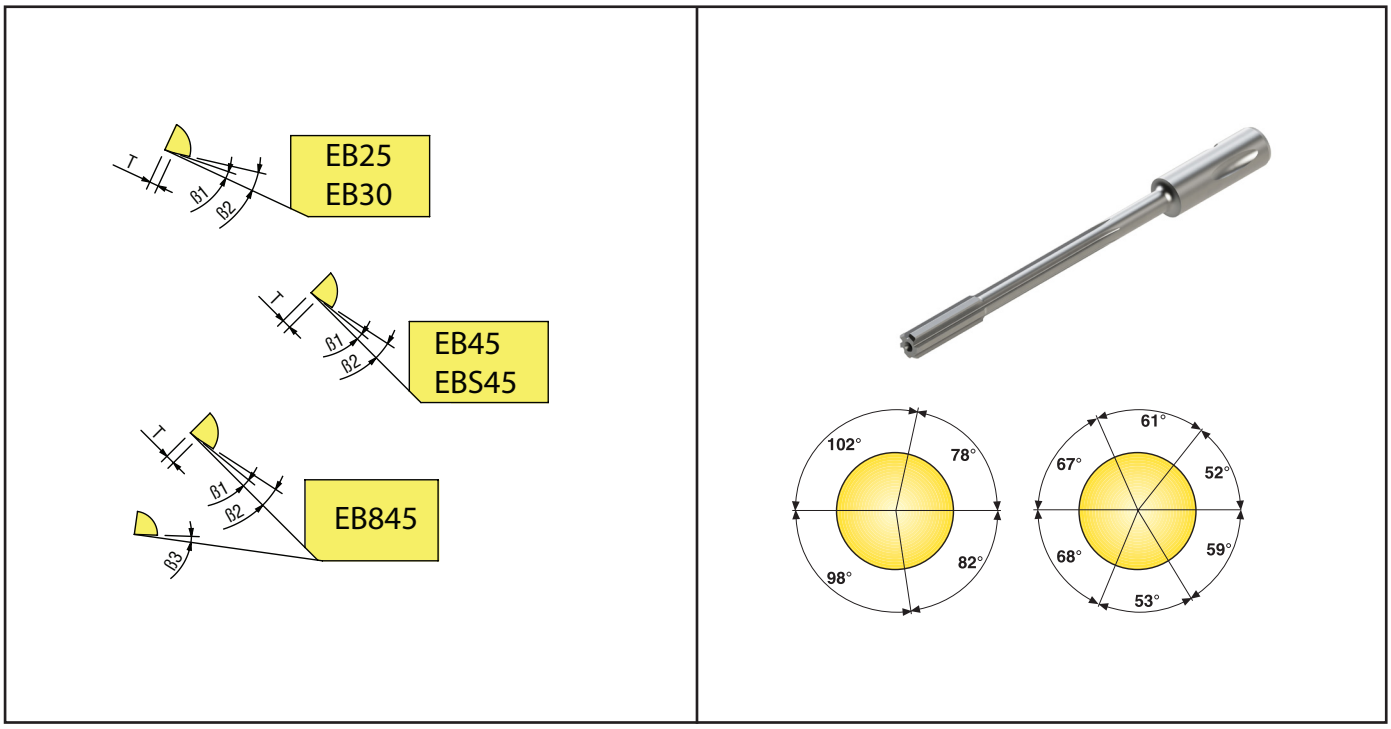
Istruzioni per la riaffilatura

Specifiche

Mola diamantata
Dimensione grana:
D6 per il 1° angolo di spoglia (β1 - β3)
D64 per il 2° angolo di spoglia (β2)

Importante

La riaffilatura riduce il diametro dell'alesatore.
La riapplicazione del rivestimento può generare un aumento del diametro.
Errore di concentricità massimo sugli smussi di imbocco 10 µm *(394 µin)*.



Nanofix ∅ mm *(pollici)*	β_1	β_2	β_3	**T mm** *(pollici)*
2,97-9,99 *(0.117-0.393)*	8°	18°	8°	0,15 *(0.006)*
10,00-12,050 *(0.394-0.474)*	8°	18°	8°	0,20 *(0.008)*



Bifix®

Gli alesatori a lama intercambiabile Bifix® offrono prestazioni di alta precisione su tutti i gruppi materiale

- Consente tolleranze tra 8 e 16 µm e una finitura superficiale fino a Ra 0,25 (RMS 12 micro/pollici)
- Le lame intercambiabili sono caratterizzate da due taglienti per lama
- Tre pattini di guida in cermet e a un accurato sistema di regolazione

Panoramica della gamma

	Gamma ∅	Profondità di alesatura	Tolleranza ∅ foro	Diametro intermedio	Finitura superficiale
SR80 Per fori passanti 	6,875-60,500 mm *(0.2707-2.3819")*	5-7 x D	IT 6	Disponibile tramite My Design	R_a 0,2-0,8 µm *(R_a 8-31 µin)*
SR81 Per fori ciechi 	7,875-60,500 mm *(0.3100-2.3819")*	5-7 x D	IT 6-7	Disponibile tramite My Design	R_a 0,2-0,8 µm *(R_a 8-31 µin)*
SR82 Per fori ciechi, versione corta 	7,875-60,500 mm *(0.3100-2.3819")*	3-5 x D	IT 6-7	Disponibile tramite My Design	R_a 0,2-0,8 µm *(R_a 8-31 µin)*

Chiave di codifica

Alesatori

Se non diversamente specificato, tutti gli alesatori sono disegnati per realizzare un diametro nel mezzo della tolleranza richiesta.

SR80	–	16.85 P6	–	EN1	–	R	9
1		2		3		4	

0.6624”–0.6628”
2



1.
Tipo di alesatore:
Tipo 80: Fori passanti
Tipo 81: Fori ciechi
Tipo 82: Fori ciechi, versione corta

2.
Diametro e tolleranza del foro

3.
Geometria di imbocco
EN1, EN2, EN3

4
Tipo di attacco: (da specificare nella richiesta di alesatori speciali)
SR80 e SR81: R1 cilindrico senza piano è standard
SR82: R9 cilindrico con piano

Lame

Importante:
L’alesatore e la lama devono avere la stessa geometria d’imbocco.

P2	–	EN1	–	06	–	CP20
1		2		3		4

1.
Dimensione lama:
P0, P1, P2, P4

2.
Geometria di imbocco
EN1, EN2, EN3

3.
Angolo di spoglia:
0°, 6°, 12°

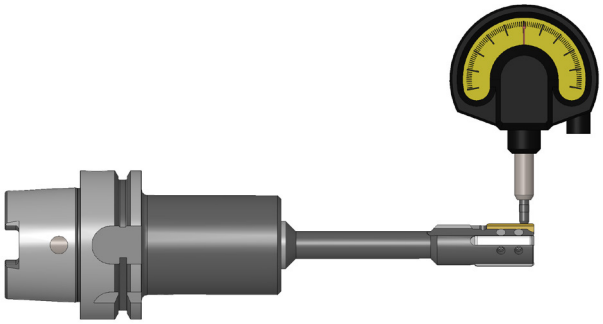
4
Qualità di metallo duro:
CP20, H15

Montaggio e parametri di lavorazione

Utensile rotante

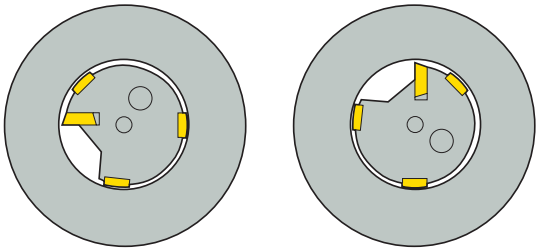
Massima eccentricità raccomandata: 0,02 mm *(0,0008")*.
Si raccomanda un attacco di precisione: Attacco idraulico, porta pinze 5672 o calettamento termico.

Utensile non rotante
Utilizzare un attacco flottante Seco, vedere pagina 488-492.



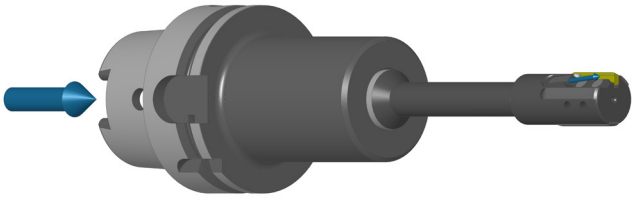
Per un'evacuazione del truciolo ottimale

Orientamento consigliato della lama per utensili non rotanti (vedere disegno, vista della parte frontale degli utensili).



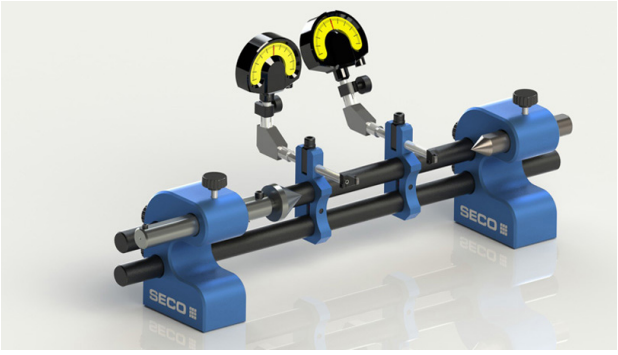
Requisiti del refrigerante

Per la massima durata utensile ed una buona qualità del foro, si devono soddisfare i seguenti requisiti relativi al refrigerante.
Si raccomanda l'adduzione del refrigerante attraverso l'utensile. L'adduzione esterna è possibile se la profondità di alesatura è < 2 x D.
Olio solubile di qualità con almeno il 40% di olio minerale. Per l'acciaio inossidabile si consiglia olio puro.
Filtrazione 30-50 µm *(1200-2000 µin)*.
Volume minimo 0,5 l/min/mm *(3,35 gal/min/pollici)* nel diametro utensile.
Esempio: alesatore ∅ 10, il volume minimo è 5 l/min *(1,3 gal/min)*.



Dispositivo di regolazione

SF-60200-C160C190: Codice di ordinazione 02885396
- Posizione orizzontale
- Prima scelta per Ø minori di 60 mm *(2,362")*
- 2 indicatori
- Ø massimo utensile: 60,5 mm *(2,382")*
- Lunghezza massima utensile: 200 mm *(7,784")*



Scelta della geometria – Lame

Notare che la lama e l'alesatore devono avere la stessa geometria d'imbocco.

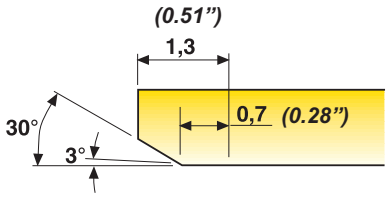
Qualità di metallo duro ed angolo di spoglia
Utilizzare le tabelle alle pagine 683-689 per classificare il materiale da lavorare in un gruppo materiale Seco.

Per scegliere la qualità di metallo duro e l'angolo di spoglia, consultare la tabella alle pagine 422-430.

Il programma lame è riportato alle pagine 420, 421.

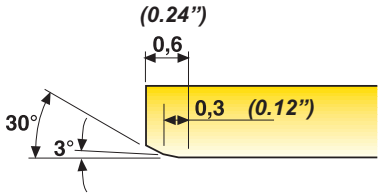
EN1 – Applicazione

Massimo sovrametallo su ∅ 0,5 mm *(0,020")*
Finitura superficiale + R_a 0,3-0,8 µm
(Finitura superficiale + R_a 12-31 µin)



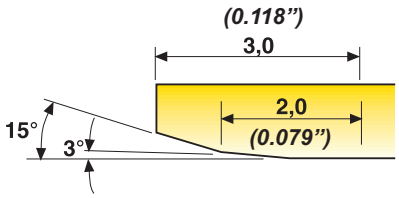
EN2 – Imbocco corto

Massimo sovrametallo su ∅ 0,3 mm *(0,012")*
Finitura superficiale + R_a 0,4-1,2 µm
(Finitura superficiale + R_a 16-47 µin)
Velocità massima di avanzamento 0,2 mm/giro *(0,008" pollici/giro)*.
Da impiegarsi unicamente quando è richiesto un imbocco corto
Adatto a spallamenti.



EN3 – Finitura superficiale accurata

Massimo sovrametallo su ∅ 0,5 mm *(0,020")*
Finitura superficiale + R_a 0,2-0,6 µm
(Finitura superficiale + R_a 8-24 µin)
Indicata per tutti i materiali eccetto alluminio.
Da utilizzare quando R_a deve essere < 0,3-0,4 µm *(12-16 µin)*



Ottimizzazione / qualità

Utilizzare la seguente tabella per selezionare lame alternative in termini di maggior produttività o maggior sicurezza.

Selezione della lama

Dimensione lama	Acciaio	Acciaio inossidabile	Ghisa	Materiali non ferrosi	Alluminio	Resistenza all'usura ⟷ Tenacità			Descrizione	
						Produttività	Versatilità	Sicurezza	Lama	Qualità
P0, P1, P2, P4										
			•	•				X	Pxx-ENx-00	H15
	•		•		•			X	Pxx-ENx-06	H15
		•		•	•			X	Pxx-ENx-12	H15
	•					X			Pxx-ENx-00	CP20
	•		•				X		Pxx-ENx-06	CP20
	•	•					X		Pxx-ENx-12	CP20
	•		•			X			Pxx-ENx-00	CP15
	•		•			X			Pxx-ENx-06	CP15
	•	•		•	•	X			Pxx-ENx-12	CP15

Qualità



CP15

Rivestita
Qualità rivestita resistente all'usura alternativa a CP20. Per l'ottimizzazione di ghisa e acciai.
Anche per materiali non ferrosi.
Ti(C, N)



CP20

Rivestita
Qualità rivestita versatile adatta per la maggior parte dei materiali da lavorare, tranne l'alluminio.
TiN



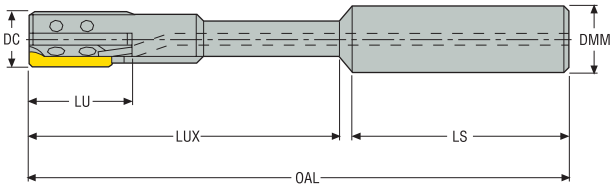
H15

Non rivestita
Qualità micrograna tenace per tutti i materiali da lavorare. Adatta per operazioni di finitura, grazie all'affilatura del tagliente.

Per fori passanti ∅ 7H6-26H6

Tipo di codolo R1, cilindrico senza piano, SR80





—Informazioni sulle lame alle pagine 420, 421
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 422-430

Descrizione	DC	OAL	LS	LUX	LU	DMM	Dimensione lama
	mm	mm	mm	mm	mm	mm	
SR80-7H6-EN1	7	105	40	63	25	10	P0-EN1-xx
SR80-8H6-EN1	8	115	40	73	25	10	P0-EN1-xx
SR80-9H6-EN1	9	115	40	73	25	10	P1-EN1-xx
SR80-10H6-EN1	10	115	40	74	25	10	P1-EN1-xx
SR80-11H6-EN1	11	133	48	81	25	16	P1-EN1-xx
SR80-12H6-EN1	12	133	48	81	25	16	P1-EN1-xx
SR80-13H6-EN1	13	133	48	81	25	16	P2-EN1-xx
SR80-14H6-EN1	14	133	48	81	25	16	P2-EN1-xx
SR80-15H6-EN1	15	133	48	82	25	16	P2-EN1-xx
SR80-16H6-EN1	16	133	48	82	25	16	P2-EN1-xx
SR80-17H6-EN1	17	155	50	100	25	20	P2-EN1-xx
SR80-18H6-EN1	18	155	50	100	25	20	P2-EN1-xx
SR80-19H6-EN1	19	155	50	100	25	20	P2-EN1-xx
SR80-20H6-EN1	20	155	50	100	30	20	P4-EN1-xx
SR80-21H6-EN1	21	191	56	128	30	25	P4-EN1-xx
SR80-22H6-EN1	22	191	56	129	30	25	P4-EN1-xx
SR80-23H6-EN1	23	191	56	129	30	25	P4-EN1-xx
SR80-24H6-EN1	24	191	56	129	30	25	P4-EN1-xx
SR80-25H6-EN1	25	191	56	129	30	25	P4-EN1-xx
SR80-26H6-EN1	26	191	56	129	30	25	P4-EN1-xx

Parti di ricambio, comprese nella fornitura

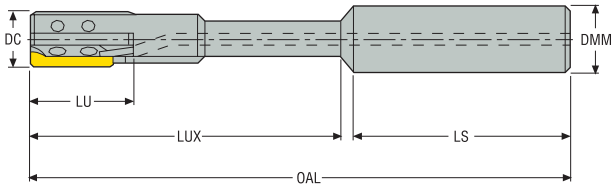
Per ∅ (mm)	Vite di regolazione	Staffa	Vite di bloccaggio	Chiave di regolazione	Sfera di supporto	Chiave dinamometrica	Valore di coppia
							
7-8	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–	–
9	SH2025	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
10-12	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
13-19	SH2540	SR-B3	LH3050	1.5SMS795	BB2.5	H00-1509	0,9 Nm
20-60	SH3060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020	2,0 Nm

La chiave dinamometrica viene fornita con la lama

Per fori passanti ∅ 27H6–60H6

Tipo di codolo R1, cilindrico senza piano, SR80





—Informazioni sulle lame alle pagine 420, 421
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 422–430

Descrizione	DC	OAL	LS	LUX	LU	DMM	Dimensione lama
	mm	mm	mm	mm	mm	mm	
SR80-27H6-EN1	27	221	56	159	30	25	P4-EN1-xx
SR80-28H6-EN1	28	221	56	159	30	25	P4-EN1-xx
SR80-29H6-EN1	29	221	56	159	30	25	P4-EN1-xx
SR80-30H6-EN1	30	221	56	159	30	25	P4-EN1-xx
SR80-31H6-EN1	31	221	56	160	30	25	P4-EN1-xx
SR80-32H6-EN1	32	221	56	160	30	25	P4-EN1-xx
SR80-34H6-EN1	34	226	56	165	30	25	P4-EN1-xx
SR80-35H6-EN1	35	226	56	165	30	25	P4-EN1-xx
SR80-36H6-EN1	36	226	56	166	30	25	P4-EN1-xx
SR80-38H6-EN1	38	226	56	166	30	25	P4-EN1-xx
SR80-40H6-EN1	40	226	56	166	30	25	P4-EN1-xx
SR80-42H6-EN1	42	226	56	167	30	25	P4-EN1-xx
SR80-44H6-EN1	44	226	56	167	30	25	P4-EN1-xx
SR80-48H6-EN1	48	226	56	168	30	25	P4-EN1-xx
SR80-50H6-EN1	50	226	56	168	30	25	P4-EN1-xx
SR80-52H6-EN1	52	226	56	169	30	25	P4-EN1-xx
SR80-54H6-EN1	54	226	56	169	30	25	P4-EN1-xx
SR80-58H6-EN1	58	226	56	169	30	25	P4-EN1-xx
SR80-60H6-EN1	60	226	56	169	30	25	P4-EN1-xx

Parti di ricambio, comprese nella fornitura

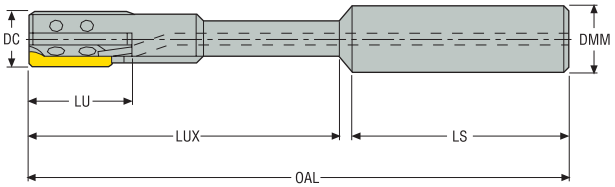
Per ∅ (mm)	Vite di regolazione	Staffa	Vite di bloccaggio	Chiave di regolazione	Sfera di supporto	Chiave dinamometrica	Valore di coppia
							
20-60	4060	SR-B5	LH4010	2SMS795	BB3.0	–	2,0 Nm

La chiave dinamometrica viene fornita con la lama

Per fori passanti – Diametro intermedio

Tipo di codolo R1, cilindrico senza piano, SR80





—Informazioni sulle lame alle pagine 420, 421
—Importante! L'alesatore e la lama devono avere la stessa geometria di imbocco
—Per la scelta della geometria di imbocco EN1, EN2 oppure EN3 vedere le pagine 411
—Per i parametri di taglio raccomandati, vedere pagina(e) 422–430

Codice di ordinazione	DC	OAL	LS	LUX	LU	DMM	Dimensione lama
	mm	mm	mm	mm	mm	mm	
SR80-6.875-XX-XXXX-EN	6,875 - 7,874	105,0	40,0	63,0	15,0	10,0	P0-EN-xx
SR80-7.875-XX-XXXX-EN	7,875 - 8,749	115,0	40,0	73,0	25,0	10,0	P0-EN-xx
SR80-8.750-XX-XXXX-EN	8,75 - 9,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR80-9.750-XX-XXXX-EN	9,75 - 10,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR80-10.750-XX-XXXX-EN	10,75 - 12,749	133,0	48,0	81,0	25,0	16,0	P1-EN-xx
SR80-12.750-XX-XXXX-EN	12,75 - 16,749	133,0	48,0	81,0	25,0	16,0	P2-EN-xx
SR80-16.750-XX-XXXX-EN	16,75 - 19,499	155,0	50,0	100,0	25,0	20,0	P2-EN-xx
SR80-19.500-XX-XXXX-EN	19,5 - 20,499	155,0	50,0	100,0	30,0	20,0	P4-EN-xx
SR80-20.500-XX-XXXX-EN	20,5 - 26,499	191,0	56,0	129,0	30,0	25,0	P4-EN-xx
SR80-26.500-XX-XXXX-EN	26,5 - 32,499	221,0	56,0	160,0	30,0	25,0	P4-EN-xx
SR80-32.500-XX-XXXX-EN	32,5 - 38,499	226,0	56,0	165,0	30,0	25,0	P4-EN-xx
SR80-38.500-XX-XXXX-EN	38,5 - 40,499	226,0	56,0	166,0	30,0	25,0	P4-EN-xx
SR80-40.500-XX-XXXX-EN	40,5 - 44,499	226,0	56,0	167,0	30,0	25,0	P4-EN-xx
SR80-44.500-XX-XXXX-EN	44,5 - 50,499	226,0	56,0	168,0	30,0	25,0	P4-EN-xx
SR80-50.500-XX-XXXX-EN	50,5 - 60,5	226,0	56,0	169,0	30,0	25,0	P4-EN-xx

Parti di ricambio, comprese nella fornitura

Accessori

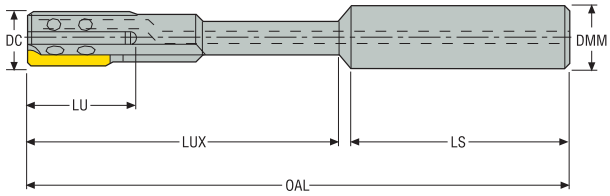
Per ∅ (mm)	Vite di regolazione	Staffa	Vite staffa	Chiave di regolazione	Sfera d'appoggio	Chiave dinamometrica
						
6,875-8,749	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–
8,750-9,749	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305
9,750-12,749	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305
12,750-19,499	SH3040	SR-B3	LH3050	1.5SMS795	BB2.0	H00-1509
19,500-60,500	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020

La chiave dinamometrica viene fornita con la lama
Nota! Quando si ordinano alesatori per diametro intermedio, indicare quanto segue: ∅ e tolleranza del foro da alesare, geometria di imbocco (EN1, EN2 o EN3).
Esempio d'ordine: SR80-11.50 H7-EN2, P1-EN2-06, CP20.

Per fori ciechi ∅ 8H6-26H6

Tipo di codolo R1, cilindrico senza piano, SR81





—Informazioni sulle lame alle pagine 420, 421
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 422-430

Descrizione	DC	OAL	LS	LUX	LU	DMM	Dimensione lama
	mm	mm	mm	mm	mm	mm	
SR81-8H6-EN1	8	115	40	73	25	10	P0-EN1-xx
SR81-9H6-EN1	9	115	40	73	25	10	P1-EN1-xx
SR81-11H6-EN1	11	133	48	81	25	16	P1-EN1-xx
SR81-13H6-EN1	13	133	48	81	25	16	P2-EN1-xx
SR81-14H6-EN1	14	133	48	81	25	16	P2-EN1-xx
SR81-15H6-EN1	15	133	48	82	25	16	P2-EN1-xx
SR81-16H6-EN1	16	133	48	82	25	16	P2-EN1-xx
SR81-17H6-EN1	17	155	50	100	25	20	P2-EN1-xx
SR81-18H6-EN1	18	155	50	100	25	20	P2-EN1-xx
SR81-19H6-EN1	19	155	50	100	25	20	P2-EN1-xx
SR81-20H6-EN1	20	155	50	100	30	20	P4-EN1-xx
SR81-21H6-EN1	21	191	56	128	30	25	P4-EN1-xx
SR81-22H6-EN1	22	191	56	129	30	25	P4-EN1-xx
SR81-23H6-EN1	23	191	56	129	30	25	P4-EN1-xx
SR81-25H6-EN1	25	191	56	129	30	25	P4-EN1-xx
SR81-26H6-EN1	26	191	56	129	30	25	P4-EN1-xx

Parti di ricambio, comprese nella fornitura

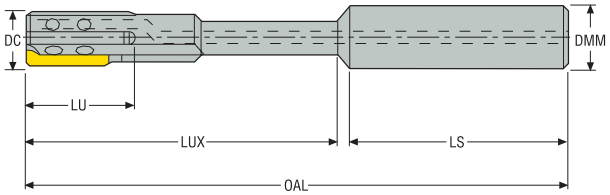
Per ∅ (mm)	Vite di regolazione	Staffa	Vite di bloccaggio	Chiave di regolazione	Sfera di supporto	Chiave dinamometrica	Valore di coppia
							
8	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5	–	–
9	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
10-12	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0	H00-1305	0,5 Nm
13-19	SH3040	SR-B3	LH3050	1.5SMS795	BB2.5	H00-1509	0,9 Nm
20-60	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020	2,0 Nm

La chiave dinamometrica viene fornita con la lama

Per fori ciechi ∅ 27H6–60H6

Tipo di codolo R1, cilindrico senza piano, SR81





—Informazioni sulle lame alle pagine 420, 421
—Adduzione refrigerante interna
—Per i parametri di taglio raccomandati, vedere pagina(e) 422–430

Descrizione	DC	OAL	LS	LUX	LU	DMM	Dimensione lama
	mm	mm	mm	mm	mm	mm	
SR81-27H6-EN1	27	221	56	159	30	25	P4-EN1-xx
SR81-28H6-EN1	28	221	56	159	30	25	P4-EN1-xx
SR81-29H6-EN1	29	221	56	159	30	25	P4-EN1-xx
SR81-30H6-EN1	30	221	56	159	30	25	P4-EN1-xx
SR81-31H6-EN1	31	221	56	160	30	25	P4-EN1-xx
SR81-32H6-EN1	32	221	56	160	30	25	P4-EN1-xx
SR81-34H6-EN1	34	226	56	165	30	25	P4-EN1-xx
SR81-35H6-EN1	35	226	56	165	30	25	P4-EN1-xx
SR81-36H6-EN1	36	226	56	166	30	25	P4-EN1-xx
SR81-38H6-EN1	38	226	56	166	30	25	P4-EN1-xx
SR81-40H6-EN1	40	226	56	166	30	25	P4-EN1-xx
SR81-42H6-EN1	42	226	56	167	30	25	P4-EN1-xx
SR81-44H6-EN1	44	226	56	167	30	25	P4-EN1-xx
SR81-48H6-EN1	48	226	56	168	30	25	P4-EN1-xx
SR81-50H6-EN1	50	226	56	168	30	25	P4-EN1-xx
SR81-52H6-EN1	52	226	56	169	30	25	P4-EN1-xx
SR81-54H6-EN1	54	226	56	169	30	25	P4-EN1-xx
SR81-58H6-EN1	58	226	56	169	30	25	P4-EN1-xx
SR81-60H6-EN1	60	226	56	169	30	25	P4-EN1-xx

Parti di ricambio, comprese nella fornitura

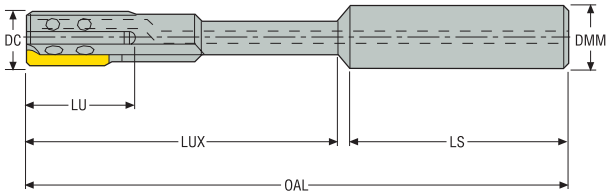
Per ∅ (mm)	Vite di regolazione	Staffa	Vite di bloccaggio	Chiave di regolazione	Sfera di supporto	Chiave dinamometrica	Valore di coppia
							
20-60	SH4060	SR-B5	LH4010	2SMS795	BB3.0	H00-2020	2,0 Nm

La chiave dinamometrica viene fornita con la lama

Per fori ciechi – Diametro intermedio

Tipo di codolo R1, cilindrico senza piano, SR81





—Informazioni sulle lame alle pagine 420, 421
—Importante! L'alesatore e la lama devono avere la stessa geometria di imbocco
—Per la scelta della geometria di imbocco EN1, EN2 oppure EN3 vedere le pagine 411
—Per i parametri di taglio raccomandati, vedere pagina(e) 422–430

Codice di ordinazione	DC	OAL	LS	LUX	LU	DMM	Dimensione lama
	mm	mm	mm	mm	mm	mm	
SR81-7.875-XX-XXXX-EN	7,875 - 8,749	115,0	40,0	73,0	25,0	10,0	P0-EN-xx
SR81-8.750-XX-XXXX-EN	8,75 - 9,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR81-9.750-XX-XXXX-EN	9,75 - 10,749	115,0	40,0	73,0	25,0	10,0	P1-EN-xx
SR81-10.750-XX-XXXX-EN	10,75 - 12,749	133,0	48,0	81,0	25,0	16,0	P1-EN-xx
SR81-12.750-XX-XXXX-EN	12,75 - 16,749	133,0	48,0	81,0	25,0	16,0	P2-EN-xx
SR81-16.750-XX-XXXX-EN	16,75 - 19,499	155,0	50,0	100,0	25,0	20,0	P2-EN-xx
SR81-19.500-XX-XXXX-EN	19,5 - 20,499	155,0	50,0	100,0	30,0	20,0	P4-EN-xx
SR81-20.500-XX-XXXX-EN	20,5 - 26,499	191,0	56,0	129,0	30,0	25,0	P4-EN-xx
SR81-26.500-XX-XXXX-EN	26,5 - 32,499	221,0	56,0	160,0	30,0	25,0	P4-EN-xx
SR81-32.500-XX-XXXX-EN	32,5 - 38,499	226,0	56,0	165,0	30,0	25,0	P4-EN-xx
SR81-38.500-XX-XXXX-EN	38,5 - 40,499	226,0	56,0	166,0	30,0	25,0	P4-EN-xx
SR81-40.500-XX-XXXX-EN	40,5 - 44,499	226,0	56,0	167,0	30,0	25,0	P4-EN-xx
SR81-44.500-XX-XXXX-EN	44,5 - 50,499	226,0	56,0	168,0	30,0	25,0	P4-EN-xx
SR81-50.500-XX-XXXX-EN	50,5 - 60,5	226,0	56,0	169,0	30,0	25,0	P4-EN-xx

Parti di ricambio, comprese nella fornitura

Per ∅ (mm)	Vite di regolazione	Staffa	Vite staffa	Chiave di regolazione	Sfera d'appoggio
					
7,875-8,749	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5
8,75-9,749	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0
9,75-12,749	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0
12,75-19,499	SH3040	SR-B3	LH3050	1.5SMS795	BB2.5
19,5-60,5	SH4060	SR-B5	LH4010	2SMS795	BB3.0

Accessori

Chiave dinamometrica

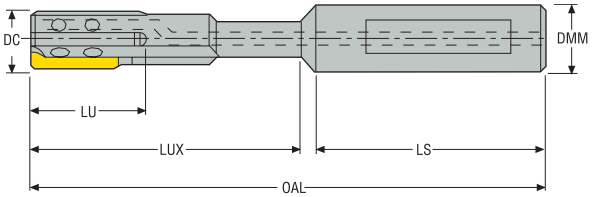
–
H00-1305
H00-1305
H00-1509
H00-2020

La chiave dinamometrica viene fornita con la lama
Nota! Quando si ordinano alesatori per diametro intermedio, indicare quanto segue: ∅ e tolleranza del foro da alesare, geometria di imbocco (EN1, EN2 o EN3).
Esempio d'ordine: SR81-11.50 H7-EN2, P1-EN2-06, CP20.

Per fori ciechi – Versione corta per applicazioni di tornitura

Tipo di codolo R9, cilindrico con piano, SR82





—Informazioni sulle lame alle pagine 420, 421
—Importante! L'alesatore e la lama devono avere la stessa geometria di imbocco
—Per la scelta della geometria di imbocco EN1, EN2 oppure EN3 vedere le pagine 411
—Per i parametri di taglio raccomandati, vedere pagina(e) 422–430

Codice di ordinazione	DC	OAL	LS	LUX	LU	DMM	Dimensione lama
	mm	mm	mm	mm	mm	mm	
SR82-7.875-XX-XXXX-EN	7,875 - 8,749	95,0	40,0	53,0	25,0	10,0	P0-EN-xx
SR82-8.750-XX-XXXX-EN	8,75 - 9,749	95,0	40,0	53,0	25,0	10,0	P1-EN-xx
SR82-9.750-XX-XXXX-EN	9,75 - 10,749	95,0	40,0	53,0	25,0	10,0	P1-EN-xx
SR82-10.750-XX-XXXX-EN	10,75 - 12,749	113,0	40,0	61,0	25,0	16,0	P1-EN-xx
SR82-12.750-XX-XXXX-EN	12,75 - 16,749	113,0	48,0	61,0	25,0	16,0	P2-EN-xx
SR82-16.750-XX-XXXX-EN	16,75 - 19,499	113,0	48,0	60,0	25,0	20,0	P2-EN-xx
SR82-19.500-XX-XXXX-EN	19,5 - 20,499	115,0	50,0	60,0	30,0	20,0	P4-EN-xx
SR82-20.500-XX-XXXX-EN	20,5 - 32,499	115,0	50,0	89,0	30,0	25,0	P4-EN-xx
SR82-32.500-XX-XXXX-EN	32,5 - 36,499	151,0	56,0	105,0	30,0	25,0	P4-EN-xx
SR82-36.500-XX-XXXX-EN	36,5 - 40,499	166,0	56,0	106,0	30,0	25,0	P4-EN-xx
SR82-40.500-XX-XXXX-EN	40,5 - 44,499	166,0	56,0	107,0	30,0	25,0	P4-EN-xx
SR82-44.500-XX-XXXX-EN	44,5 - 50,499	166,0	56,0	108,0	30,0	25,0	P4-EN-xx
SR82-50.500-XX-XXXX-EN	50,5 - 60,5	166,0	56,0	109,0	30,0	25,0	P4-EN-xx

Parti di ricambio, comprese nella fornitura

Per ∅ (mm)	Vite di regolazione	Staffa	Vite staffa	Chiave di regolazione	Sfera d'appoggio
					
7,875-8,749	SH2020	SR-B0	LH2040	0.9SMS795	BB1.5
8,75-9,749	SH2525	SR-B1	LH2540	1.3SMS795	BB2.0
9,75-12,749	SH2525	SR-B2	LH2540	1.3SMS795	BB2.0
12,75-19,499	SH3040	SR-B3	LH3050	1.5SMS795	BB2.5
19,5-60,5	SH4060	SR-B5	LH4010	2SMS795	BB3.0

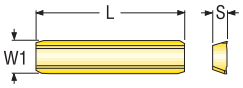
Accessori

Chiave dinamometrica

–
H00-1305
H00-1305
H00-1509
H00-2020

La chiave dinamometrica viene fornita con la lama
Nota! Quando si ordinano alesatori per diametro intermedio, indicare quanto segue: ∅ e tolleranza del foro da alesare, geometria di imbocco (EN1, EN2 o EN3).
Esempio d'ordine: SR82-11.50 H7EN2, P1-EN2-06, CP20.

P0-P4 Lame



Codice di ordinazione	Inserto	L	S	W1	Qualità	
		mm *Inch*	mm *Inch*	mm *Inch*	H15	CP20
P0-EN1-0	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098229	00098244
P0-EN1-06	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00091786	00091762
P0-EN1-12	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00097299	00091971
P0-EN2-0	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098234	00098249
P0-EN2-06	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098160	00098170
P0-EN2-12	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098165	00098175
P0-EN3-0	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098239	00098254
P0-EN3-06	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098185	00098195
P0-EN3-12	P0	20 *0.787*	1,2 *0.047*	2,5 *0.098*	00098190	00098200
P1-EN1-0	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098230	00098245
P1-EN1-06	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00091787	00091764
P1-EN1-12	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00097300	00091972
P1-EN2-0	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098235	00098250
P1-EN2-06	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098161	00098171
P1-EN2-12	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098166	00098176
P1-EN3-0	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098240	00098255
P1-EN3-06	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098186	00094702
P1-EN3-12	P1	20 *0.787*	1,5 *0.059*	3,0 *0.118*	00098191	00098201
P2-EN1-0	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098231	00098246
P2-EN1-06	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00091788	00091765
P2-EN1-12	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00097301	00091973
P2-EN2-0	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098236	00098251
P2-EN2-06	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098162	00098172
P2-EN2-12	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098167	00098177
P2-EN3-0	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098241	00098256
P2-EN3-06	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098187	00098197
P2-EN3-12	P2	20 *0.787*	2,0 *0.079*	4,5 *0.177*	00098192	00098202
P4-EN1-0	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098232	00098247
P4-EN1-06	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00091789	00091766
P4-EN1-12	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098128	00091974

Codice di ordinazione	Inserto	L	S	W1	Qualità	
		mm *Inch*	mm *Inch*	mm *Inch*	H15	CP20
P4-EN2-0	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098237	00098252
P4-EN2-06	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098163	00098173
P4-EN2-12	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098168	00098178
P4-EN3-0	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098242	00098257
P4-EN3-06	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098188	00098198
P4-EN3-12	P4	25,0 *0.984*	2,3 *0.091*	7,0 *0.276*	00098193	00098203

Parametri di taglio – Pxx-EN1/EN2-00 misure metriche

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	Pxx-EN1/EN2-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	–
P6	Pxx-EN1/EN2-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	–
P7	Pxx-EN1/EN2-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	–
K1	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K2	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	35 (25-50)	50 (25-70)
K3	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K4	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K5	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K6	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K7	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
PM1	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	–
PM2	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	–
PM3	Pxx-EN1/EN2-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	–

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN1/EN2-00 *pollici*

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	*Pxx-EN1/EN2-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P6	*Pxx-EN1/EN2-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P7	*Pxx-EN1/EN2-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
K1	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K2	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*115 (80-165)*	*165 (80-230)*
K3	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K4	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K5	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K6	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K7	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
PM1	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM2	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM3	*Pxx-EN1/EN2-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN1/EN2-06 misure metriche

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
M1	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M2	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M3	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M4	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
M5	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
K1	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K2	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	35 (25-50)	50 (25-70)
K3	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K4	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K5	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K6	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K7	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
N11	Pxx-EN1/EN2-06	0,10-0,30	0,20-0,50	0,10-0,30	65 (50-150)	90 (70-150)	-
S1	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	-	25 (15-30)	-
S2	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	-	25 (15-30)	-
S3	Pxx-EN1/EN2-06	0,10-0,15	0,10-0,20	0,10-0,30	-	25 (15-30)	-
PM1	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM2	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM3	Pxx-EN1/EN2-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN1/EN2-06 *pollici*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P3	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P4	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P5	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P6	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P7	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P8	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P11	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P12	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	*150 (100-180)*
M1	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M2	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M3	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M4	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
M5	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
K1	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	*395 (260-490)*
K2	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*115 (80-165)*	*165 (80-230)*
K3	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	*395 (260-490)*
K4	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	*295 (260-330)*
K5	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	*295 (260-330)*
K6	*Pxx-EN1/EN2-06*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-150)*	*295 (230-490)*	–
K7	*Pxx-EN1/EN2-06*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-150)*	*295 (230-490)*	–
N11	*Pxx-EN1/EN2-06*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-150)*	*295 (230-490)*	–
S1	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S2	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S3	*Pxx-EN1/EN2-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
PM1	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM2	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM3	*Pxx-EN1/EN2-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c = sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN1/EN2-12 misure metriche

SMG		a_p (∅)		f	v_c		
		– Ø < 9	– Ø ≥ 9		– H15	– CP20	– CP15
P1	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
M1	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M2	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M3	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	35 (25-40)	35 (25-40)
M4	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
M5	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	20 (15-30)	30 (25-40)	30 (25-40)
K1	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	90 (80-100)	–
K3	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	90 (80-100)	–
K4	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	70 (60-80)	–
K5	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	70 (60-80)	–
N11	Pxx-EN1/EN2-12	0,10-0,30	0,20-0,50	0,10-0,30	65 (50-150)	90 (70-150)	–
S1	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	–	25 (15-30)	–
S2	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	–	25 (15-30)	–
S3	Pxx-EN1/EN2-12	0,10-0,15	0,10-0,20	0,10-0,30	–	25 (15-30)	–
PM1	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	50 (25-70)	–
PM2	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	50 (25-70)	–
PM3	Pxx-EN1/EN2-12	0,10-0,20	0,10-0,30	0,10-0,30	–	50 (25-70)	–

SMG = Gruppo materiale Seco. a_p = mm. f = mm/rev. v_c= m/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN1/EN2-12 *pollici*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P3	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P4	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P5	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P6	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P7	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P8	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P11	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P12	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	*150 (100-180)*
M1	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M2	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M3	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*115 (80-130)*	*115 (80-130)*
M4	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
M5	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*65 (50-100)*	*100 (80-130)*	*100 (80-130)*
K1	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K3	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K4	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
K5	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
N11	*Pxx-EN1/EN2-12*	*0.004–0.012*	*0.008–0.020*	*0.004–0.012*	*215 (165-490)*	*295 (230-490)*	–
S1	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S2	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
S3	*Pxx-EN1/EN2-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	*80 (50-100)*	–
PM1	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM2	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM3	*Pxx-EN1/EN2-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–

SMG = Gruppo materiale Seco. a_p = *inch*. f = in/rev. v_c= sf/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN3-00 misure metriche

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	Pxx-EN3-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	-
P6	Pxx-EN3-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	-
P7	Pxx-EN3-00	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-50)	-
K1	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K2	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	35 (25-50)	50 (25-70)
K3	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K4	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K5	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	70 (60-80)	90 (80-100)
K6	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
K7	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	90 (80-100)	120 (80-150)
PM1	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	-
PM2	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	-
PM3	Pxx-EN3-00	0,10-0,20	0,10-0,30	0,10-0,30	50 (25-70)	-

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN3-00 *pollici*

SMG		a_p (∅)		f	v_c	
		Ø < 9	Ø ≥ 9		CP20	CP15
P5	*Pxx-EN3-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P6	*Pxx-EN3-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
P7	*Pxx-EN3-00*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-165)*	–
K1	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K2	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*115 (80-165)*	*165 (80-230)*
K3	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K4	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K5	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*230 (195-260)*	*295 (260-330)*
K6	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
K7	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*295 (260-330)*	*395 (260-490)*
PM1	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM2	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–
PM3	*Pxx-EN3-00*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	*165 (80-230)*	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN3-06 misure metriche

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
M1	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	35 (25-40)
M2	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	35 (25-40)
M3	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	35 (25-40)
M4	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	30 (25-40)
M5	Pxx-EN3-06	0,10-0,15	0,10-0,20	0,10-0,30	-	-	30 (25-40)
K1	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K2	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	35 (25-50)	50 (25-70)
K3	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K4	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K5	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	90 (80-100)
K6	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
K7	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	120 (80-150)
PM1	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM2	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM3	Pxx-EN3-06	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c = m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-E3-06 *pollici*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	**395 (295-490)**
P3	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	**395 (295-490)**
P4	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P5	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P6	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P7	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	**260 (195-330)**
P8	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	**195 (130-230)**
P11	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	**195 (130-230)**
P12	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	**150 (100-180)**
M1	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**115 (80-130)**
M2	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**115 (80-130)**
M3	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**115 (80-130)**
M4	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**100 (80-130)**
M5	*Pxx-EN3-06*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	–	–	**100 (80-130)**
K1	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
K2	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*115 (80-165)*	**165 (80-230)**
K3	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
K4	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	**295 (260-330)**
K5	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	**295 (260-330)**
K6	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
K7	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	**395 (260-490)**
PM1	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	**–**
PM2	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	**–**
PM3	*Pxx-EN3-06*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	**–**

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN3-12 misure metriche

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P2	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P3	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	40 (30-60)	105 (90-120)	120 (90-150)
P4	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P5	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P6	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P7	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	35 (25-40)	60 (40-70)	80 (60-100)
P8	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P11	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	30 (25-40)	50 (30-60)	60 (40-70)
P12	Pxx-EN3-12	0,10-0,15	0,10-0,20	0,10-0,30	25 (20-30)	40 (25-45)	45 (30-55)
K1	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	-
K3	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	90 (80-100)	-
K4	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	-
K5	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	70 (60-80)	-
PM1	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM2	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-
PM3	Pxx-EN3-12	0,10-0,20	0,10-0,30	0,10-0,30	-	50 (25-70)	-

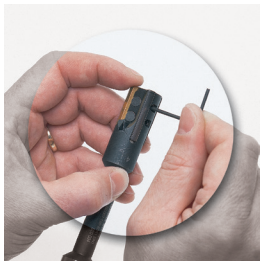
SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – Pxx-EN3-12 *pollici*

SMG		a_p (∅)		f	v_c		
		Ø < 9	Ø ≥ 9		H15	CP20	CP15
P1	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P2	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P3	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*130 (100-195)*	*345 (295-395)*	*395 (295-490)*
P4	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P5	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P6	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P7	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*115 (80-130)*	*195 (130-230)*	*260 (195-330)*
P8	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P11	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*100 (80-130)*	*165 (100-195)*	*195 (130-230)*
P12	*Pxx-EN3-12*	*0.004–0.006*	*0.004–0.008*	*0.004–0.012*	*80 (65-100)*	*130 (80-150)*	*150 (100-180)*
K1	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K3	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*295 (260-330)*	–
K4	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
K5	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*230 (195-260)*	–
PM1	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM2	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–
PM3	*Pxx-EN3-12*	*0.004–0.008*	*0.004–0.012*	*0.004–0.012*	–	*165 (80-230)*	–

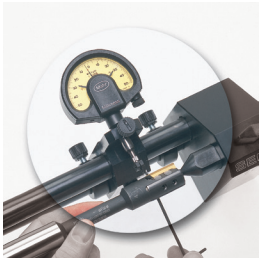
SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Istruzioni per la regolazione

1.		Svitare le due viti di regolazione (7) di 1/4 di giro.
2.		Allentare le due viti di bloccaggio (5).
3.		Togliere la lama, pulire accuratamente la sede, quindi ruotare la lama utilizzata (2) o sostituirla.
4.		Premere fermamente la lama contro il perno di appoggio assiale e le sfere di regolazione (6).
5.		Serrare moderatamente le viti di bloccaggio. (Per un corretto serraggio impugnare il lato corto della chiave).
6.		Azzerare l'indicatore del comparatore impiegando le guide cilindriche posteriori dei pattini di guida (3).

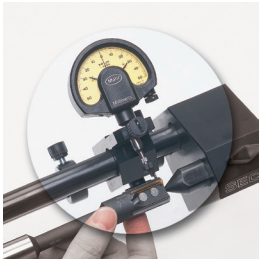
Istruzioni per la regolazione

7.



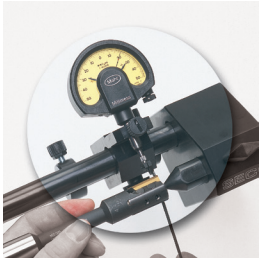
Regolare l'estremità posteriore della lama fino ad ottenere una rastremazione di 0,01 mm/10 mm *(0,0004" per ogni 0,394")* di lunghezza lama (vedere figura 2).

8.



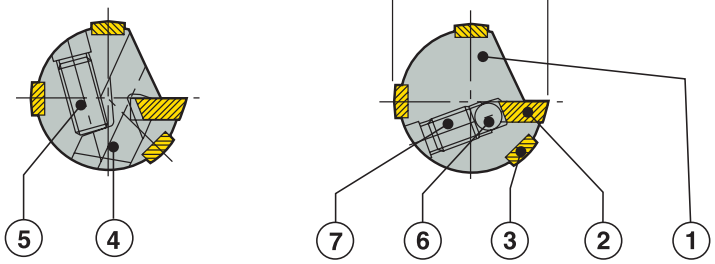
Azzerare l'indicatore del comparatore impiegando le guide cilindriche posteriori dei pattini di guida (3).

9.



Posizionare l'estremità anteriore della lama di 0,02 mm o 0,015 mm *(0,0008" o 0,0006")* al di sopra dei pattini di guida (3) del comparatore A (vedere figura 1).
Controllare ancora il valore di rastremazione (passi 6 e 7) sul comparatore B.

10.



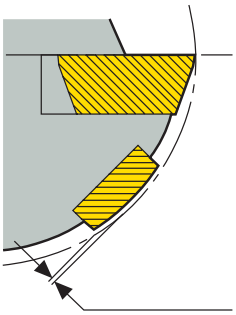


figura 1

0,015 mm (∅ ≤ 10 mm)
0,020 mm (∅ >10 mm)
Valore comparatore A per regolazione ∅

0,0006" (∅ ≤ 0,394")
0,0008" (∅ > 0,394")
Valore comparatore A per regolazione ∅

Nota: se durante la regolazione la quota prescritta viene superata, l'intera operazione deve essere ripetuta dall'inizio per annullare il gioco tra lama e viti di regolazione, che devono sempre lavorare in spinta.

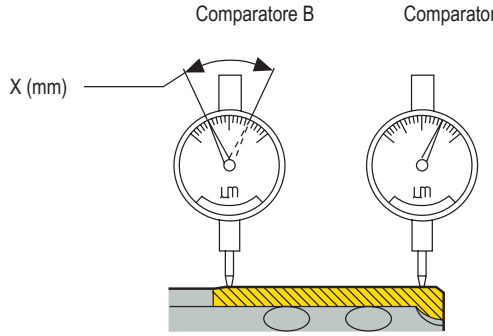


figura 2

Tabella di regolazione

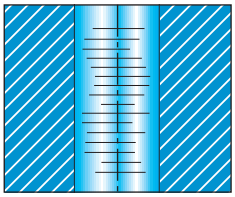
Gamma diametri mm *(pollici)*	Dimensione lama	Fronte Comparatore A	Retro Comparatore B
6,875-8,749 *(0,271-0,344")*	P0	+15	-5
8,750-10,000 *(0,344-0,394")*	P1	+15	-5
10,001-12,749 *(0,394-0,502")*	P1	+20	0
12,750-19,499 *(0,502-0,768")*	P2	+20	0
19,500-60,500 *(0,768-2,382")*	P4	+20	0

- Unità comparatore = 1 µm *(39 µin)*
- I valori relativi al comparatore anteriore ed al comparatore posteriore sono validi quando sul pattino adiacente è impostato lo zero.
- Valori comparatore posteriore calcolati su una rastremazione della lama di 1 µm/mm *(0,00004")*

Risoluzione dei problemi

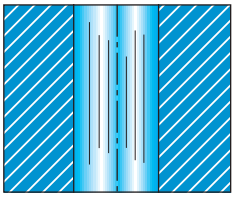
Cattiva finitura superficiale

- Controllare il sovrametallo
- Migliorare le condizioni di lubrorefrigerazione (tipo di adduzione, pressione, qualità)
- Ridurre l'avanzamento
- Cambiare la lama (errata geometria d'imbocco o errato angolo di spoglia)
- Controllare la posizione assiale della lama



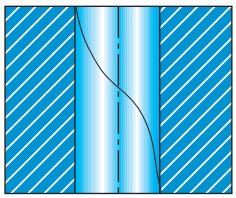
Rigature

- Migliorare il centraggio (asse alesatore/foro)
- Aumentare la rastremazione



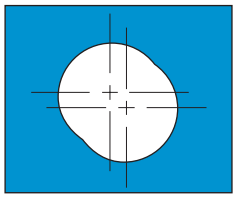
Rigature di ritorno

- Migliorare le condizioni di lubrorefrigerazione (tipo di adduzione, pressione, qualità)
- Migliorare il centraggio (asse alesatore/foro)
- Aumentare la rastremazione



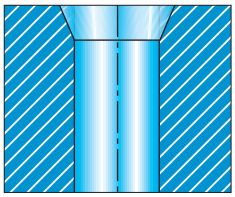
Foro fuori centro/ovale

- Migliorare il serraggio (deformazione del pezzo)
- Controllare il sovrametallo
- Migliorare il centraggio (asse alesatore/foro)
- Controllare la posizione assiale della lama



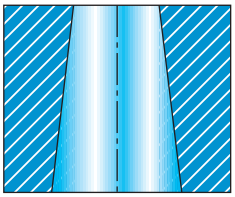
Foro conico all'entrata

- Ridurre l'avanzamento
- Migliorare il centraggio (asse alesatore/foro)
- Controllare la rastremazione
- Ridurre l'eccentricità radiale



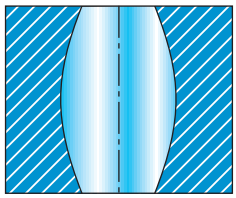
Foro conico

- Migliorare il centraggio (asse alesatore/foro)
- Controllare la rastremazione.



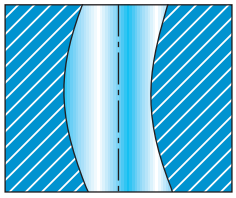
Foro deformato

- Migliorare il serraggio (deformazione del pezzo)



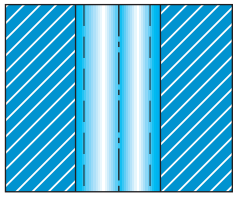
Foro deviato

- Cambiare la lama (errata geometria d'imbocco o errato angolo di spoglia)
- Controllare la posizione assiale della lama



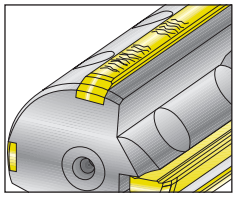
Foro maggiorato

- Migliorare il centraggio (asse alesatore/foro)
- Regolare il diametro (troppo grande)



Incollamento pattini

- Migliorare le condizioni di lubrorefrigerazione (tipo di adduzione, pressione, qualità)
- Regolare il diametro (troppo piccolo)





Xfix™

Gli alesatori multi-tagliente Xfix™ offrono ottime prestazioni e precisione nella lavorazione di fori di grande diametro.

- Profondità del foro fino a 6,5xD entro un diametro compreso tra 39,5 e 154,5 mm (1,555-6,083")
- Regolazione semplice e rapida, per la regolazione del diametro è richiesta una sola vite per dente
- Sistema di regolazione accurato per ottenere tolleranze strette tra 16 e 25 µm (0,0006"-0,0010")
- Inserti dotati di quattro o otto taglienti numerati

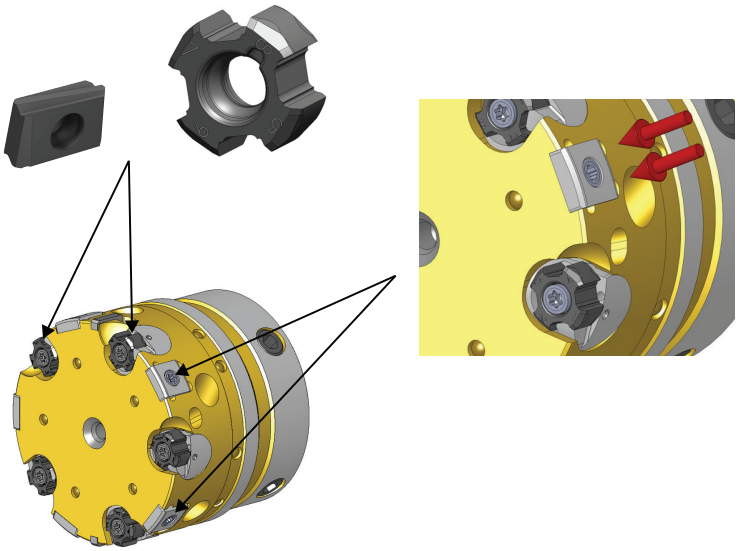
Panoramica della gamma

	Gamma ∅	Profondità di alesatura	Tolleranza ∅ foro	Diametro intermedio	Finitura superficiale
Xfix™ 	39,500-154,500 mm *(1.5551-6.0827")*	2,5-6,5 x D	IT 6	Disponibili su richiesta	R_a 0,8-1,2 µm *(R_a 31-47 µin)*

Xfix™ è un programma Seco Reaming appositamente sviluppato, dedicato per dimensioni comprese tra ∅ 39,5 – 154,5 mm (*1,555" – 6,083"*) .
Il design include inserti regolabili e sostituibili per ottenere una tolleranza precisa IT 6 e un attacco regolabile incorporato per garantire la qualità dei componenti.
La struttura a denti multipli e i pattini di guida precaricati brevettati offrono la massima stabilità e produttività per operazioni di alesatura di ∅ grandi.

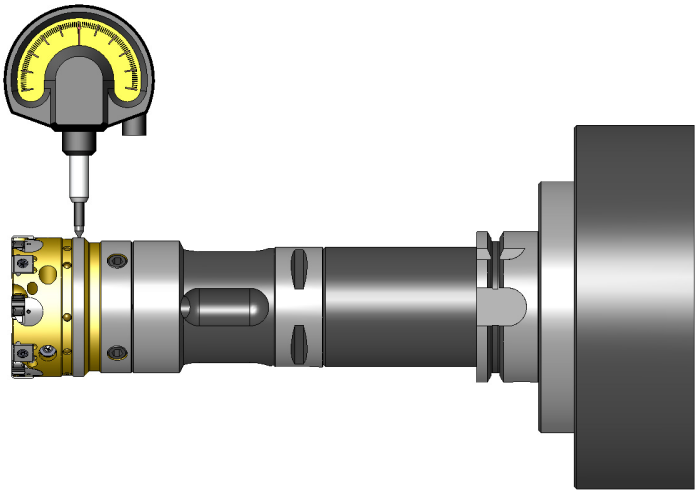
Caratteristiche specifiche

- 4 o 8 taglienti per l'ottimizzazione su tutti i materiali
- Stabile sistema di bloccaggio
- Facile regolazione mediante l'apposita vite
- Qualità e geometrie per differenti applicazioni

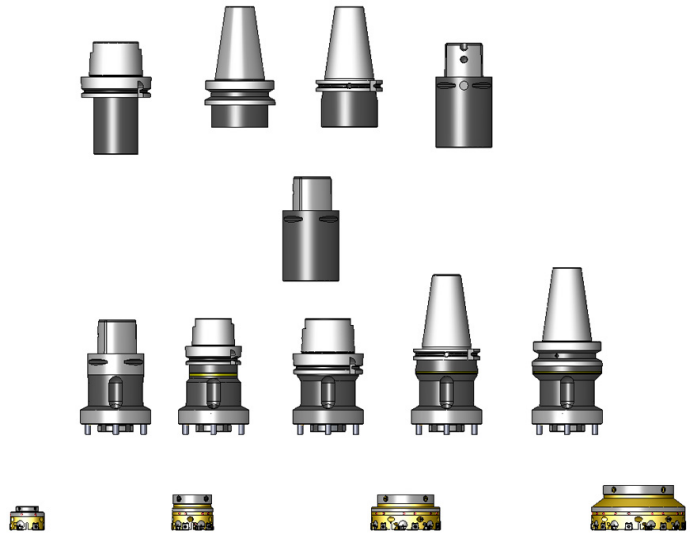


- Pattini di guida precaricati brevettati per la massima stabilità applicativa
- Lubrificazione dei pattini per migliori prestazioni e sicurezza

- Adattatore regolabile integrato per un perfetto controllo dell'eccentricità



- Il programma di attacchi e prolunghe del catalogo Sistemi di Utensili Seco offre la massima modularità



Chiave di codifica

Adattatori

HF55	–	088	–	C5
1		2		3



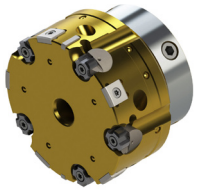
1. Dimensione flangia

2. Lunghezza

3. Tipo di gambo

Testine standard

HF85	–	60H6	–	05	–	55
1		2		3		4



1. Tipo di testina

2. Diametro e tolleranza

3. Numero di denti

4. Dimensione flangia D

Testine intermedie

HF85	–	65.2G7	–	05	–	55
1		2		3		4

1. Tipo di testina

2. Diametro e tolleranza

3. Numero di denti

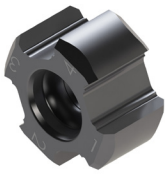
4. Dimensione flangia D

Informazioni sul tipo di testina:

- HF85, foro passante, materiale a truciolo corto
- HF85B, foro cieco, materiale a truciolo corto
- HF86, foro passante, tutti i materiali
- HF86B, foro cieco, tutti i materiali

Inserti

RNAX1005	–	EB45	–	03	–	RX2000
1		2		3		4



Inserto RNAX per testine Xfix HF85 e HF 85B

1. Dimensione dell'inserto

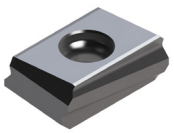
2. Geometria di imbocco

3. Angolo di spoglia

4. Qualità

Inserti

LNEG	–	EB45	–	06	–	RX2000
1		2		3		4



Inserti LNEG per testine Xfix HF86 e HF86B

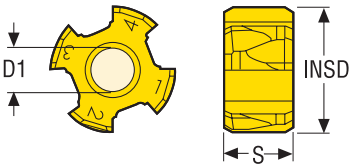
1. Dimensione dell'inserto

2. Geometria di imbocco

3. Angolo di spoglia

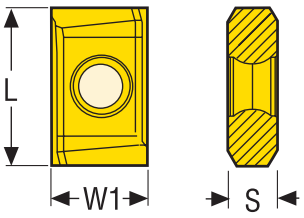
4. Qualità

RNAX



Codice di ordinazione	Inserti	INSD	S	D1	Qualità		Angolo di spoglia
		mm *Inch*	mm *Inch*	mm *Inch*	RX1500	RX2000	
RNAX1005-EB1570-03	RNAX	10,0 *0,394*	5,5 *0,217*	3,5 *0,138*	02687601	02687603	3 °
RNAX1005-EB45-03	RNAX	10,0 *0,394*	5,5 *0,217*	3,5 *0,138*	02687600	02688608	3 °
RNAX1005-EB845-03	RNAX	10,0 *0,394*	5,5 *0,217*	3,5 *0,138*	02687593	02688606	3 °

LNEG

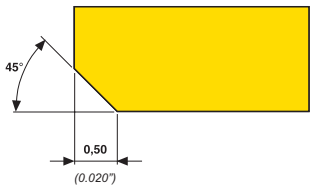


Codice di ordinazione	Inserti	L	S	W1	Qualità			Angolo di spoglia
		mm *Inch*	mm *Inch*	mm *Inch*	RX1500	RX2000	CF	
LNEG1003-EB45-03	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*		02781311		3 °
LNEG1003-EB45-06	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*	02904277	02781313	02904276	6 °
LNEG1003-EB845-03	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*		02781314		3 °
LNEG1003-EB845-06	LNEG	10,0 *0,394*	3,5 *0,138*	6,35 *0,25*		02781315		6 °

Geometria di imbocco

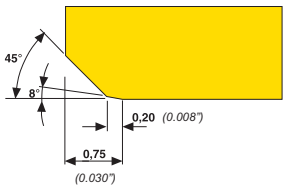
Geometria di imbocco EB45 – Applicazione

Controllo truciolo +++
Finitura superficiale + R_a 1,2 - 2 µm
(Finitura superficiale + R_a 0,047- 0,0787 µin)
Geometria prima scelta



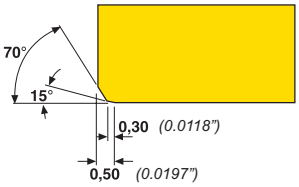
Geometria di imbocco EB845 – Applicazione

Controllo truciolo ++
Finitura superficiale +++ R_a 0,4 - 1,2 µm
(Finitura superficiale +++ R_a 0.0157 - 0,047 µin)



Geometria di imbocco EB1570 – Applicazione

Controllo truciolo ++
Finitura superficiale ++ R_a 0,8 - 1,6 µm
(Finitura superficiale ++ R_a 0,031 - 0,0630 µin)
Stabilità per applicazioni con lunghe sporgenze +++



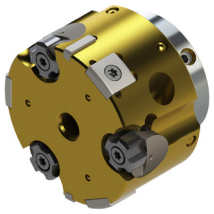
Geometria di imbocco

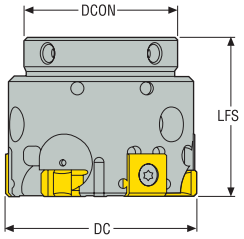
Qualità

	**RX1500**	**Cermet rivestito** Qualità rivestita resistente per l'ottimizzazione delle prestazioni su acciaio e ghisa.
	**RX2000**	**Rivestita** Qualità rivestita ad alte prestazioni per tutti i materiali da lavorare.
	**CF**	**Cermet** Qualità resistente all'usura per l'ottimizzazione delle prestazioni su acciaio.

HF85

Teste per inserti RNAX, foro passante ∅ 39,5–59,499 mm / 1.555–2.342”





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	RNAX1005...
HF85-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	RNAX1005...
HF85-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	RNAX1005...
HF85-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85 03-32	SH4075S	CARTCYHF16	LDH4010	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessori

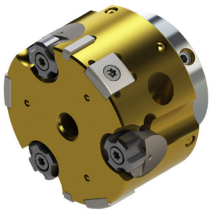
Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85 03-32	H00-2020	T00-09P20

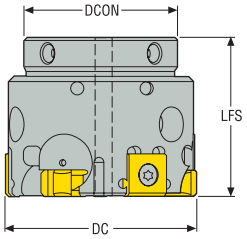
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF85B

Teste per inserti RNAX, foro cieco ∅ 39,5–59,499 mm / 1.555–2.342"





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85B-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	RNAX1005...
HF85B-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	RNAX1005...
HF85B-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	RNAX1005...
HF85B-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85B 03-32	SH4075S	CARTCYHF16B	LDH4010	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessori

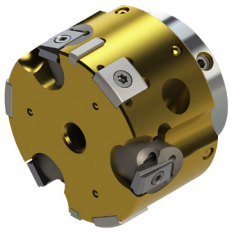
Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85B 03-32	H00-2020	T00-09P20

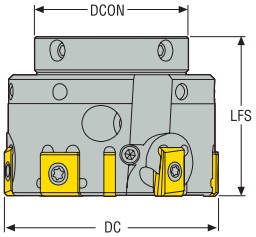
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86

Teste per inserti LNEG, foro passante ∅ 39,5–59,499 mm / 1.555–2.342"





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	LNEG1003...
HF86-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	LNEG1003...
HF86-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	LNEG1003...
HF86-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86 03-32	SH4075S	CARTCYLN16	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

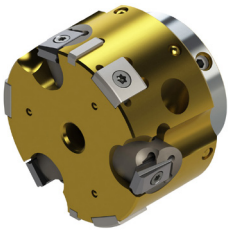
Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86 03-32	H00-2020	T00-07P09

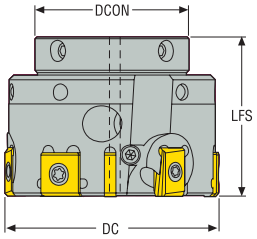
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

Valore di coppia T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86B

Teste per inserti LNEG, foro cieco ∅ 39,5–59,499 mm / 1.555–2.342"





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86B-39.5/44.499-03-32	39,5 *1.555*	44,499 *1.752*	33,0 *1.299*	32,0 *1.260*	0,41 *0.900*	3	LNEG1003...
HF86B-44.5/49.499-03-32	44,5 *1.752*	49,499 *1.949*	33,0 *1.299*	32,0 *1.260*	0,51 *1.120*	3	LNEG1003...
HF86B-49.5/54.499-03-32	49,5 *1.949*	54,499 *2.146*	33,0 *1.299*	32,0 *1.260*	0,62 *1.370*	3	LNEG1003...
HF86B-54.5/59.499-03-32	54,5 *2.146*	59,499 *2.342*	33,0 *1.299*	32,0 *1.260*	0,74 *1.630*	3	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86B 03-32	SH4075S	CARTCYLN16B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86B 03-32	H00-2020	T00-07P09

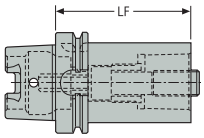
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

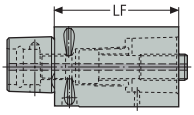
Valore di coppia T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF32

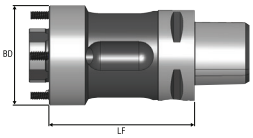
Codolo Seco-Capto™ per ∅ 39,5-59,499 mm



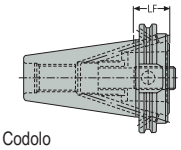




Prolunga



Attacco alesatore



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF32-050-C3	02688610	–	50	C3	32	0,3
HF32...HSKA63	–	65	245	HSK-A63	32	0,0
HF32...HSKA80	–	100	209	HSK-A80	32	0,0
HF32...HSKA100	–	70	245	HSK-A100	32	0,0
HF32...DIN40ADB	–	60	252	DIN40ADB	32	0,0
HF32...DIN50ADB	–	60	317	DIN50ADB	32	0,0
HF32...BT40ADB	–	65	252	BT40ADB	32	0,0
HF32...BT50ADB	–	75	317	BT50ADB	32	0,0

Codoli e prolunghe per HF32-050-C3 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

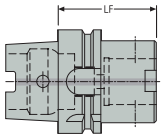
Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
HA10-C3-032-080	10197961	80	HSK-A100	C3	2,5
HA06-C4-040-080	10197964	80	HSK-A63	C4	1,1
C3-390B.140-40030	02924104	30	DIN40	C3	0,8
C3-390B.55-40030	02925959	30	BT40	C3	1,0
C3-390B.55-40060	02925960	60	BT40	C3	1,1
C3-390B.140-50030	02924106	30	DIN50	C3	2,6
C3-390B.140-50060	02924107	60	DIN50	C3	2,7
C3-390B.58-50040	02925961	40	BT50	C3	3,5
C3-390B.58-50070	02925962	70	BT50	C3	3,7

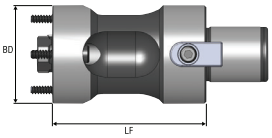
Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
C3-391.01-32060A	75039884	–	C3	C3	0,4
C3-391.01-32080A	00090847	–	C3	C3	0,5
C4-391.02-32055A	75039889	–	C4	C3	0,42
C4-391.02-32070A	02535687	–	C4	C3	0,56
C5-391.02-32060A	75039890	–	C5	C3	0,7
C6-391.02-32070A	75039892	–	C6	C3	1,1

HF32

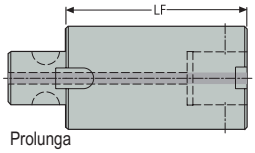
Attacchi/adattatori Graflex® per ∅ 39,5–59,499 in mm



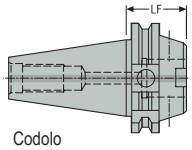




Attacco alesatore



Prolunga



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF32-050-G3	02698870	–	50	G3	32	0,4
HF32...HSKA63	–	65	245	HSK-A63	32	0,0
HF32...HSKA80	–	100	209	HSK-A80	32	0,0
HF32...HSKA100	–	70	245	HSK-A100	32	0,0
HF32...DIN40ADB	–	60	252	DIN40ADB	32	0,0
HF32...DIN50ADB	–	60	317	DIN50ADB	32	0,0
HF32...BT40ADB	–	65	252	BT40ADB	32	0,0
HF32...BT50ADB	–	75	317	BT50ADB	32	0,0

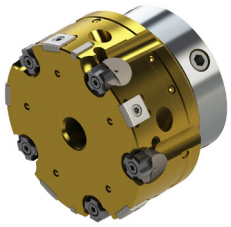
Codoli e prolunghe per HF32-050-G3 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

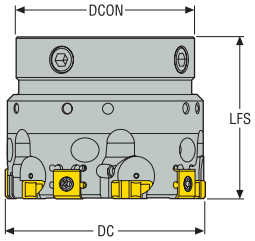
Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
EM93044011850	00086918	50	HSK-A63	G3	0,8
EM93064011855	00086925	55	HSK-A100	G3	2,2
EM34694011835	02420097	35	DIN40	G3	1,0
EM346940118100	02503298	100	DIN40	G3	1,3
EM34144011840	02503366	40	BT40	G3	1,07
EM341440118100	02503367	100	BT40	G3	1,31
EM34714011835	02503307	35	DIN50	G3	2,67
EM34164011845	02503376	45	BT50	G3	3,6
EM341640118120	02503377	120	BT50	G3	4,0

Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
M402330	00056758	–	G3	G3	0,3
M402331	75056759	–	G3	G3	0,4

HF85

Teste per inserti RNAX, foro passante ∅ 59,5–84,499 mm / 2.343–3.327”





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85-59.5/64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	RNAX1005...
HF85-64.5/69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	RNAX1005...
HF85-69.5/74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	RNAX1005...
HF85-74.5/79.499-05-55	74,5 *2.933*	79,499 *3.130*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	RNAX1005...
HF85-79.5/84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85 05-55	SH4075S	CARTCYHF20	LDH4012	C03010-T09P	H2.0-2D	4SMS795	B6027

Accessori

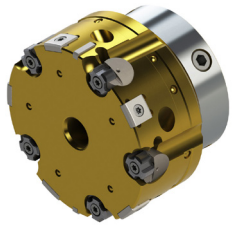
Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85 05-55	H00-2020	T00-09P20

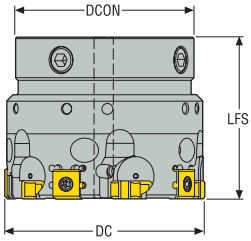
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF85B

Teste per inserti RNAX, foro cieco ∅ 59,5-84,499 mm / 2.343-3.327"





—Per inserti, qualità e geometrie, vedere le pagine 438-439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464-470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85B-59.5/64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	RNAX1005...
HF85B-64.5/69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	RNAX1005...
HF85B-69.5/74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	RNAX1005...
HF85B-74.5/79.499-05-55	74,5 *2.933*	79,499 *3.130*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	RNAX1005...
HF85B-79.5/84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85B 05-55	SH4075S	CARTCYHF20B	LDH4012	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessori

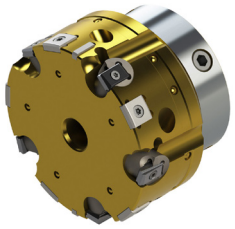
Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85B 05-55	H00-2020	T00-09P20

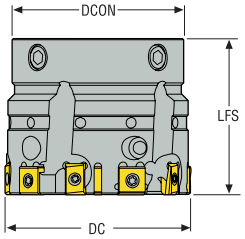
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86

Teste per inserti LNEG, foro passante ∅ 59,5–84,499 mm / 2.343–3.327"





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86-59.5-64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	LNEG1003...
HF86-64.5-69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	LNEG1003...
HF86-69.5-74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	LNEG1003...
HF86-74.5-79.499-05-55	74,5 *2.933*	94,499 *3.720*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	LNEG1003...
HF86-79.5-84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86 05-55	SH4075S	CARTCYLN20	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

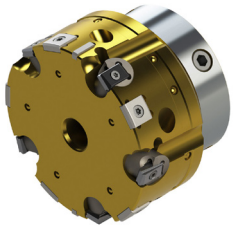
Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86 05-55	H00-2020	T00-07P09

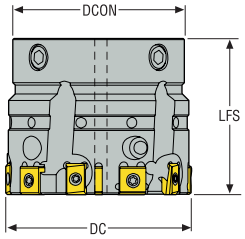
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

Valore di coppia T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86B

Teste per inserti LNEG, foro cieco ∅ 59,5–84,499 mm / 2.343–3.327”





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86B-59.5/64.499-05-55	59,5 *2.343*	64,499 *2.539*	50,0 *1.969*	55,0 *2.165*	1,3 *2.870*	5	LNEG1003...
HF86B-64.5/69.499-05-55	64,5 *2.539*	69,499 *2.736*	50,0 *1.969*	55,0 *2.165*	1,5 *3.310*	5	LNEG1003...
HF86B-69.5/74.499-05-55	69,5 *2.736*	74,499 *2.933*	50,0 *1.969*	55,0 *2.165*	1,75 *3.860*	5	LNEG1003...
HF86B-74.5/79.499-05-55	74,5 *2.933*	79,499 *3.130*	50,0 *1.969*	55,0 *2.165*	2,0 *4.410*	5	LNEG1003...
HF86B-79.5/84.499-05-55	79,5 *3.130*	84,499 *3.327*	50,0 *1.969*	55,0 *2.165*	2,2 *4.850*	5	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per testa	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86B 05-55	SH4075S	CARTCYLN20B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

Per testa	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86B 05-55	H00-2020	T00-07P09

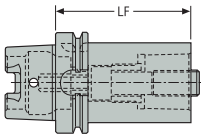
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

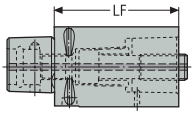
Valore di coppia T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF55

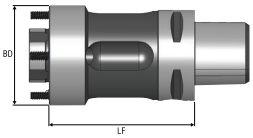
Codolo Seco-Capto™ per ∅ 59,5-84,499 mm



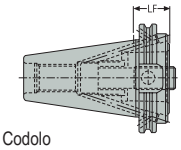




Prolunga



Attacco alesatore



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF55-080-C5	02688647	–	80	C5	55	1,3
HF55...HSKA63	–	80	239	HSK-A63	55	0,0
HF55...HSKA80	–	100	239	HSK-A80	55	0,0
HF55...HSKA100	–	100	239	HSK-A100	55	0,0
HF55...DIN40ADB	–	80	239	DIN40ADB	55	0,0
HF55...DIN50ADB	–	80	304	DIN50ADB	55	0,0
HF55...BT40ADB	–	80	239	BT40ADB	55	0,0
HF55...BT50ADB	–	80	304	BT50ADB	55	0,0

Codoli e prolunghe per HF55-080-C5 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

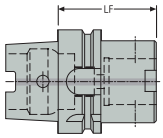
Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
HA10-C4-040-090	10197963	90	HSK-A100	C4	2,5
HA06-C5-050-090	10197966	90	HSK-A63	C5	1,3
C5-390B.140-40040	02924112	40	DIN40	C5	0,9
C5-390B.140-40080	02924113	80	DIN40	C5	1,5
C5-390B.55-40050	02925967	50	BT40	C5	1,1
C5-390B.55-40090	02925968	90	BT40	C5	1,7
C5-390B.140-50030	02924114	30	DIN50	C5	2,6
C5-390B.140-50070	02924115	70	DIN50	C5	3,1
C5-390B.58-50040	02925969	40	BT50	C5	3,4
C5-390B.58-50080	02925970	80	BT50	C5	3,9

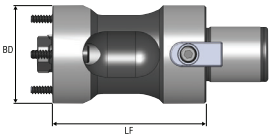
Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
C5-391.01-50080A	75039886	–	C5	C5	1,1
C5-391.01-50100A	00004773	–	C5	C5	1,4
C6-391.02-50080A	75039894	–	C6	C5	1,4
C6-391.02-50110A	02207400	–	C6	C5	2,2
C8-391.02-50080B	03080011	–	C8	C5	2,4

HF55

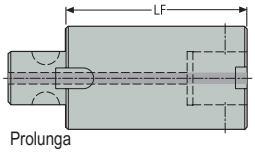
Attacchi/adattatori Graflex® per ∅ 59,5–84,499 in mm



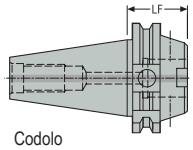




Attacco alesatore



Prolunga



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF55-080-G5	02698871	–	80	G5	55	1,3
HF55...HSKA63	–	80	239	HSK-A63	55	0,0
HF55...HSKA80	–	100	239	HSK-A80	55	0,0
HF55...HSKA100	–	100	239	HSK-A100	55	0,0
HF55...DIN40ADB	–	80	239	DIN40ADB	55	0,0
HF55...DIN50ADB	–	80	304	DIN50ADB	55	0,0
HF55...BT40ADB	–	80	239	BT40ADB	55	0,0
HF55...BT50ADB	–	80	304	BT50ADB	55	0,0

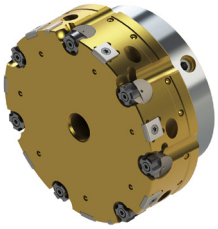
Codoli e prolunghe per HF55-080-G5 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

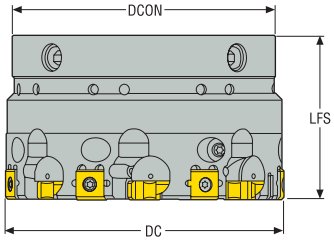
Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
EM93044012860	00086920	60	HSK-A63	G5	1,0
EM930440128100	00086921	100	HSK-A63	G5	1,6
EM930440128140	00086922	140	HSK-A63	G5	2,18
EM93064012865	00086927	65	HSK-A100	G5	2,4
EM930640128110	00086928	110	HSK-A100	G5	3,1
EM930640128150	00086929	150	HSK-A100	G5	3,7
EM34694012840	02458421	40	DIN40	G5	1,0
EM34694012880	02503301	80	DIN40	G5	1,5
EM346940128120	02503302	120	DIN40	G5	2,1
EM34144012845	02457989	45	BT40	G5	1,2
EM34144012880	02503371	80	BT40	G5	1,6
EM341440128120	02503372	120	BT40	G5	2,2
EM34714012840	02503312	40	DIN50	G5	2,75
EM341640128100	02503381	100	BT50	G5	4,3
EM34164012855	02503380	55	BT50	G5	4,0
EM341640128140	02503382	140	BT50	G5	4,9

Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
M402550	00056762	–	G5	G5	0,8
M402551	00056763	–	G5	G5	1,2
M402552	00056764	–	G5	G5	1,5

HF85

Teste per inserti RNAX, foro passante ∅ 84,5–119,499 mm / 3.327–4.705"





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	RNAX1005...
HF85-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	RNAX1005...
HF85-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	RNAX1005...
HF85-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	RNAX1005...
HF85-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	RNAX1005...
HF85-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	RNAX1005...
HF85-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85 07-80	SH4075S	CARTCYHF20	LDH4012	C03010-T09P	H2.0-2D	4SMS795	B6027

Accessori

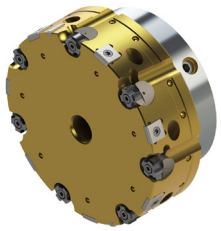
Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85 07-80	H00-2020	T00-09P20

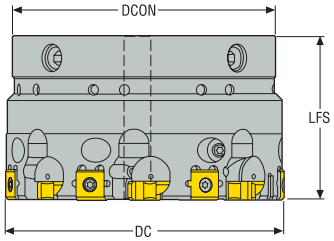
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF85B

Teste per inserti RNAX, foro cieco ∅ 84,5-119,499 mm / 3.327-4.705"





—Per inserti, qualità e geometrie, vedere le pagine 438-439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464-470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85B-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	RNAX1005...
HF85B-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	RNAX1005...
HF85B-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	RNAX1005...
HF85B-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	RNAX1005...
HF85B-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	RNAX1005...
HF85B-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	RNAX1005...
HF85B-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85B 07-80	SH4075S	CARTCYHF20B	LDH4010	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessori

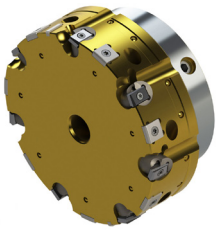
Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85B 07-80	H00-2020	T00-09P20

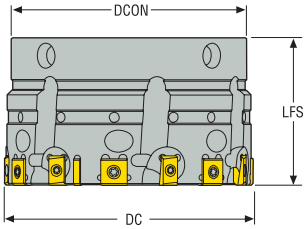
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86

Teste per inserti LNEG, foro passante ∅ 84,5–119,499 mm / 3.327–4.705”





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	LNEG1003...
HF86-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	LNEG1003...
HF86-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	LNEG1003...
HF86-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	LNEG1003...
HF86-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	LNEG1003...
HF86-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	LNEG1003...
HF86-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86 07-80	SH4075S	CARTCYLN20	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

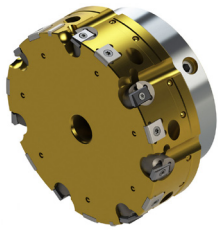
Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86 07-80	H00-2020	T00-07P09

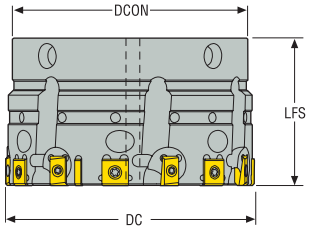
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

Valore di coppia T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86B

Teste per inserti LNEG, foro cieco ∅ 84,5–119,499 mm / 3.327–4.705"





—Per inserti, qualità e geometrie, vedere le pagine 438–439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464–470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86B-84.5/89.499-07-80	84,5 *3.327*	89,499 *3.524*	50,0 *1.969*	80,0 *3.150*	1,68 *3.700*	7	LNEG1003...
HF86B-89.5/94.499-07-80	89,5 *3.524*	94,499 *3.720*	50,0 *1.969*	80,0 *3.150*	1,85 *4.080*	7	LNEG1003...
HF86B-94.5/99.499-07-80	94,5 *3.720*	99,499 *3.917*	50,0 *1.969*	80,0 *3.150*	2,02 *4.450*	7	LNEG1003...
HF86B-99.5/104.499-07-80	99,5 *3.917*	104,499 *4.114*	50,0 *1.969*	80,0 *3.150*	2,2 *4.850*	7	LNEG1003...
HF86B-104.5/109.499-07-80	104,5 *4.114*	109,499 *4.311*	50,0 *1.969*	80,0 *3.150*	2,4 *5.290*	7	LNEG1003...
HF86B-109.5/114.499-07-80	109,5 *4.311*	114,499 *4.508*	50,0 *1.969*	80,0 *3.150*	2,61 *5.750*	7	LNEG1003...
HF86B-114.5/119.499-07-80	114,5 *4.508*	119,499 *4.705*	50,0 *1.969*	80,0 *3.150*	2,82 *6.220*	7	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86B	SH4075S	CARTCYLN20B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86B	H00-2020	T00-07P09

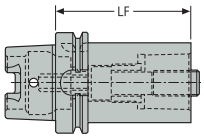
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

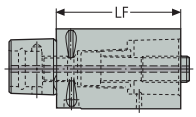
Valore di coppia T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF80

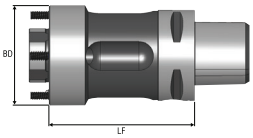
Codolo Seco-Capto™ per ∅ 84,5-119,499 mm



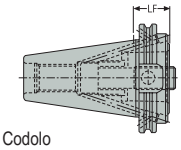




Prolunga



Attacco alesatore



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF80-080-C6	02688648	–	80	C6	80	2,5
HF80...HSKA80	–	100	239	HSK-A80	80	0,0
HF80...HSKA100	–	100	239	HSK-A100	80	0,0
HF80...DIN50ADB	–	80	304	DIN50ADB	80	0,0
HF80...BT50ADB	–	80	304	BT50ADB	80	0,0

Codoli e prolunghe per HF80-080-C6 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

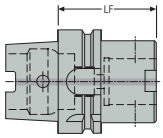
Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
HA10-C6-063-110	10197967	110	HSK-A100	C6	3,6
C6-390B.140-40085	02924116	85	DIN40	C6	1,8
C6-390B.140-50030	02924117	30	DIN50	C6	2,4
C6-390B.140-50080	02924118	80	DIN50	C6	3,6
C6-390B.55-40075	02925971	75	BT40	C6	1,7
C6-390B.58-50100	02925973	100	BT50	C6	4,6
C6-390B.58-50050	02925972	50	BT50	C6	3,5

Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
C6-391.01-63100A	75039887	–	C6	C6	2,2
C6-391.01-63140A	00004840	–	C6	C6	3,1
C6-391.01-63060	02300834	–	C6	C6	1,3

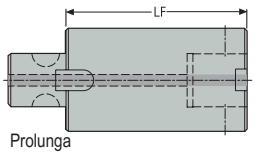
HF80

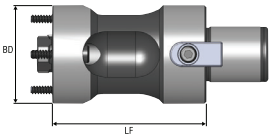
Attacchi/adattatori Graflex® per ∅ 84,5-119,499 in mm



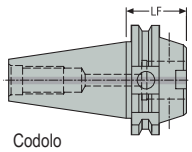


Prolunga





Attacco alesatore



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF80-080-G6	02698873	–	80	G6	80	2,6
HF80...HSKA80	–	100	239	HSK-A80	80	0,0
HF80...HSKA100	–	100	239	HSK-A100	80	0,0
HF80...DIN50ADB	–	80	304	DIN50ADB	80	0,0
HF80...BT50ADB	–	80	304	BT50ADB	80	0,0
	–	–	–	–	–	–

Codoli e prolunghe per HF80-080-G6 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

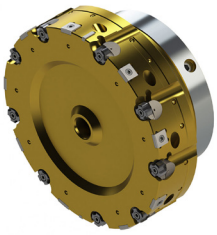
Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
EM93044013670	00086923	70	HSK-A63	G6	1,3
EM930440136120	00086924	120	HSK-A63	G6	2,38
EM930640136120	00086931	120	HSK-A100	G6	3,9
EM930640136160	00086932	160	HSK-A100	G6	4,8
EM34694013660	02503303	60	DIN40	G6	1,3
EM346940136120	02503304	120	DIN40	G6	2,7
EM34144013650	02503373	50	BT40	G6	1,2
EM341440136120	02503374	120	BT40	G6	2,8
EM34714013645	02503317	45	DIN50	G6	2,9
EM347140136100	02503318	100	DIN50	G6	4,1
EM347140136140	02503319	140	DIN50	G6	5,1
EM34164013663	02503383	63	BT50	G6	4,3
EM341640136100	02503384	100	BT50	G6	4,7
EM341640136140	02503385	140	BT50	G6	5,6

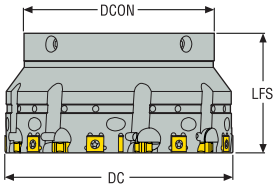
Codoli e prolunghe per HF32-050-G3 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
M402660	00056765	–	G6	G6	1,4
M402661	00056766	–	G6	G6	2,2
M402662	00056767	–	G6	G6	2,9

HF85

Teste per inserti RNAX, foro passante ∅ 119,5-154,499 mm / 4.705-6.083"





—Per inserti, qualità e geometrie, vedere le pagine 438-439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464-470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	RNAX1005...
HF85-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	RNAX1005...
HF85-129.5/134.499-09-100	129,5 *5.098*	134,499 *5.295*	63,0 *2.480*	100,0 *3.937*	4,42 *9.740*	9	RNAX1005...
HF85-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	RNAX1005...
HF85-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	RNAX1005...
HF85-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	RNAX1005...
HF85-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85 09-100	SH4075S	CARTCYHF20	LDH4012	C03010-T09P	H2.0-2D	4SMS795	B6027

Accessori

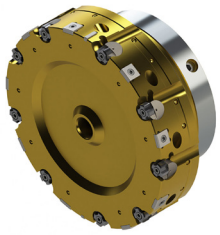
Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85 09-100	H00-2020	T00-09P20

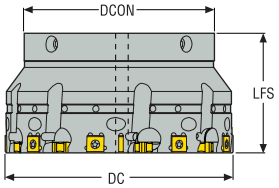
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF85B

Teste per inserti RNAX, foro cieco ∅ 119,5-154,499 mm / 4.705-6.083"





—Per inserti, qualità e geometrie, vedere le pagine 438-439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464-470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF85B-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	RNAX1005...
HF85B-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	RNAX1005...
HF85B-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	RNAX1005...
HF85B-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	RNAX1005...
HF85B-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	RNAX1005...
HF85B-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	RNAX1005...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF85B 09-100	SH4075S	CARTCYHF20B	LDH4012	C03010-T09P	H2.0-2D	2SMS795	B6027

Accessori

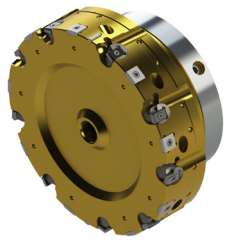
Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF85B 09-100	H00-2020	T00-09P20

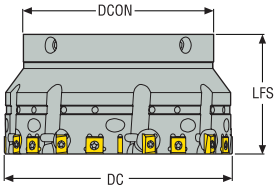
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-09P20 per viti di bloccaggio inserto

Valore di coppia T00-09P20: 2 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86

Teste per inserti LNEG, foro passante ∅ 119,5-154,499 mm / 4.705-6.083"





—Per inserti, qualità e geometrie, vedere le pagine 438-439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464-470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	LNEG1003...
HF86-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	LNEG1003...
HF86-129.5/134.499-09-100	129,5 *5.098*	134,499 *5.295*	63,0 *2.480*	100,0 *3.937*	4,42 *9.740*	9	LNEG1003...
HF86-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	LNEG1003...
HF86-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	LNEG1003...
HF86-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	LNEG1003...
HF86-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86 09-100	SH4075S	CARTCYHF20	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

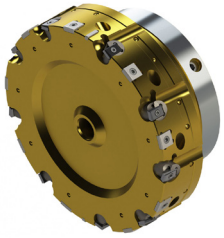
Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86 09-100	H00-2020	T00-07P09

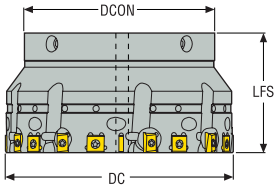
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

Valore di coppia
T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF86B

Teste per inserti LNEG, foro cieco ∅ 119,5-154,499 mm / 4.705-6.083"





—Per inserti, qualità e geometrie, vedere le pagine 438-439
—Per i parametri di taglio raccomandati, vedere pagina(e) 464-470

Codice di ordinazione	DCN	DCX	LFS	DCON	Peso		Inserto
	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
HF86B-119.5/124.499-09-100	119,5 *4.705*	124,499 *4.902*	63,0 *2.480*	100,0 *3.937*	3,89 *8.580*	9	LNEG1003...
HF86B-124.5/129.499-09-100	124,5 *4.902*	129,499 *5.098*	63,0 *2.480*	100,0 *3.937*	4,15 *9.150*	9	LNEG1003...
HF86B-129.5/134.499-09-100	129,5 *5.098*	134,499 *5.295*	63,0 *2.480*	100,0 *3.937*	4,42 *9.740*	9	LNEG1003...
HF86B-134.5/139.499-09-100	134,5 *5.295*	139,499 *5.492*	63,0 *2.480*	100,0 *3.937*	4,7 *10.360*	9	LNEG1003...
HF86B-139.5/144.499-09-100	139,5 *5.492*	144,499 *5.689*	63,0 *2.480*	100,0 *3.937*	4,99 *11.000*	9	LNEG1003...
HF86B-144.5/149.499-09-100	144,5 *5.689*	149,499 *5.886*	63,0 *2.480*	100,0 *3.937*	5,29 *11.660*	9	LNEG1003...
HF86B-149.5/154.499-09-100	149,5 *5.886*	154,499 *6.083*	63,0 *2.480*	100,0 *3.937*	5,6 *12.350*	9	LNEG1003...

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Cartuccia	Vite staffa	Vite di bloccaggio inserto	Chiave (a bandiera)	Chiave di regolazione	Cuneo di bloccaggio
							
HF86B 09-100	SH4075S	CARTCYLN20B	LDH4010	C02506-T07P	H2.0-2D	2SMS795	B6027

Accessori

Per	Chiave dinamometrica	Chiave Torx per vite di bloccaggio inserto/attacco
		
HF86B 09-100	H00-2020	T00-07P09

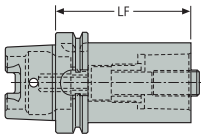
Nota
Cacciavite dinamometrico H00-2020 per viti di bloccaggio
Cacciavite dinamometrico T00-07P09 per viti di bloccaggio inserto

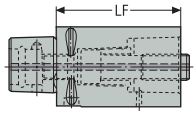
Valore di coppia T00-07P09: 0,9 Nm.
Valore di coppia H00-2020: 2 Nm.

HF100

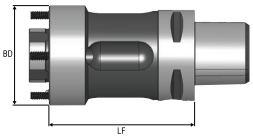
Codolo Seco-Capto™ per ∅ 119,5-154,499 mm



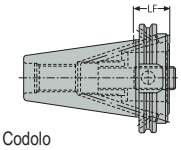




Prolunga



Attacco alesatore



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF100-100-C8	02688649	–	100	C8	100	4,9
HF100...HSKA80	–	100	238	HSK-A80	100	0,0
HF100...HSKA100	–	100	238	HSK-A100	100	0,0
HF100...DIN50ADB	–	100	238	DIN50ADB	100	0,0
HF100...BT50ADB	–	100	238	BT50ADB	100	0,0

Codoli e prolunghe per HF100-100-C8 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

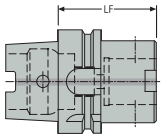
Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
HA10-C8-080-120	10197968	120	HSK-A100	C8	4,8
C8-390B.140-50070	02924119	70	DIN50	C8	3,7
C8-390B.140-50120	02924120	120	DIN50	C8	5,5
C8-390B.58-50070	02925974	70	BT50	C8	4,0
C8-390B.58-50120	02925975	120	BT50	C8	5,9

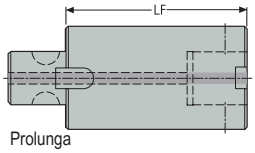
Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Seco-Capto	Peso
		mm			kg
C8-391.01-80100A	75039888	–	C8	C8	3,7
C8-391.01-80125A	00004841	–	C8	C8	4,6

HF100

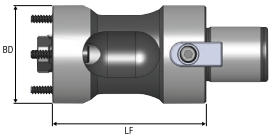
Attacchi/adattatori Graflex® per ∅ 119,5-154,499 in mm



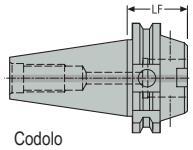




Prolunga



Attacco alesatore



Codolo

Codice di ordinazione Adattatori alesatore	Codice prodotto	LF min	LF max	Cono	BD	Peso
		mm	mm	mm	mm	kg
HF100-100-G7	02698874	–	100	G7	100	5,2
HF100...HSKA80	–	100	238	HSK-A80	100	0,0
HF100...HSKA100	–	100	238	HSK-A100	100	0,0
HF100...DIN50ADB	–	100	238	DIN50ADB	100	0,0
HF100...BT50ADB	–	100	238	BT50ADB	100	0,0

Codoli e prolunghe per HF100-100-G7 (vedere Catalogo Sistemi di Utensili per ulteriori dettagli).

Codice di ordinazione Attacco	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
EM93064014685	00074385	85	HSK-A100	G7	4,0
EM930640146160	00086933	160	HSK-A100	G7	7,67
EM34714014650	02503320	50	DIN50	G7	3,3
EM347140146120	02503321	120	DIN50	G7	6,5
EM347140146200	02503324	200	DIN50	G7	10,4
EM34164014665	02503386	65	BT50	G7	4,4
EM341640146120	02503387	120	BT50	G7	6,9
EM341640146200	02503388	200	BT50	G7	10,7

Codice di ordinazione Prolunga	Codice prodotto	LF	Cono	Dimensione Graflex	Peso
		mm			kg
M402770	00056768	–	G7	G7	2,9
M402771	00056769	–	G7	G7	4,4
M402772	00056770	–	G7	G7	5,8

Parametri di taglio – LNEG...-EB45 misure metriche

SMG		a_p (∅)	f				v_c		
			z=3	z=5	z=7	z=9	RX2000	CF	RX1500
P1	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	120 (80-200)	180 (120-250)	220 (120-300)
P2	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	120 (80-200)	180 (120-250)	220 (120-300)
P3	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	120 (80-200)	180 (120-250)	220 (120-300)
P4	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P5	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P6	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P7	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)	80 (60-150)	100 (80-200)
P8	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)	60 (50-100)	80 (60-120)
P11	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)	60 (50-100)	80 (60-120)
P12	LNEG1003-EB45	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	30 (25-55)	45 (40-80)	65 (45-95)
M1	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	35 (25-60)	–	–
M2	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	35 (25-60)	–	–
M3	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	35 (25-60)	–	–
M4	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	25 (20-50)	–	–
M5	LNEG1003-EB45	0,10-0,20	0,15-0,30	0,25-0,50	0,35-0,70	0,45-0,90	25 (20-50)	–	–
K1	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
K2	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)	–	70 (50-120)
K3	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
K4	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	100 (60-120)	150 (110-200)
K5	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	100 (60-120)	150 (110-200)
K6	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
K7	LNEG1003-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	–	220 (150-300)
H3	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H5	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H7	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H8	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H11	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H12	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H21	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–
H31	LNEG1003-EB45	0,10-0,20	0,1-0,25	0,15-0,40	0,25-0,5	0,30-0,7	20 (10-30)	–	–

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – LNEG...-EB45 *pollici*

SMG		a_p (∅)	f				v_c		
			z=3	z=5	z=7	z=9	RX2000	CF	RX1500
P1	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	395 (260-655)	590 (395-820)	720 (395-985)
P2	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	395 (260-655)	590 (395-820)	720 (395-985)
P3	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	395 (260-655)	590 (395-820)	720 (395-985)
P4	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P5	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P6	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P7	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	195 (130-395)	260 (195-490)	330 (260-655)
P8	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	130 (100-230)	195 (165-330)	260 (195-395)
P11	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	130 (100-230)	195 (165-330)	260 (195-395)
P12	LNEG1003-EB45	0.006–0.010	0.006–0.018	0.010–0.030	0.010–0.041	0.010-0.053	100 (85-185)	150 (135-265)	215 (150-315)
M1	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	115 (80-195)	–	–
M2	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	115 (80-195)	–	–
M3	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	115 (80-195)	–	–
M4	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	80 (65-165)	–	–
M5	LNEG1003-EB45	0.004–0.008	0.006–0.012	0.010–0.020	0.014–0.028	0.018–0.035	80 (65-165)	–	–
K1	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
K2	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	165 (115-260)	–	230 (165-395)
K3	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
K4	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	230 (165-395)	330 (195-395)	490 (360-655)
K5	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	230 (165-395)	330 (195-395)	490 (360-655)
K6	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
K7	LNEG1003-EB45	0.008–0.020	0.006–0.018	0.010–0.030	0.010–0.041	0.018–0.053	330 (195-655)	–	720 (490-985)
H3	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H5	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H7	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H8	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H11	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H12	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H21	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–
H31	LNEG1003-EB45	0.004–0.008	0.004–0.010	0.006–0.016	0.010–0.020	0.012–0.028	65 (35-100)	–	–

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – LNEG...-EB845 misure metriche

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P1	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	120 (80-200)
P2	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	120 (80-200)
P3	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	120 (80-200)
P4	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P5	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P6	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P7	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	60 (40-120)
P8	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	40 (30-70)
P11	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	40 (30-70)
P12	LNEG1003-EB845	0,15-0,25	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	30 (25-55)
M1	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	35 (25-60)
M2	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	35 (25-60)
M3	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	35 (25-60)
M4	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	25 (20-50)
M5	LNEG1003-EB845	0,10-0,20	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	25 (20-50)
K1	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)
K2	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	50 (35-80)
K3	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)
K4	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)
K5	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)
K6	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)
K7	LNEG1003-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – LNEG...-EB845 *pollici*

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P1	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*395 (260-655)*
P2	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*395 (260-655)*
P3	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*395 (260-655)*
P4	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P5	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P6	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P7	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*195 (130-395)*
P8	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*130 (100-230)*
P11	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*130 (100-230)*
P12	*LNEG1003-EB845*	*0.006–0.010*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*100 (85-185)*
M1	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*115 (80-195)*
M2	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*115 (80-195)*
M3	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*115 (80-195)*
M4	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*80 (65-165)*
M5	*LNEG1003-EB845*	*0.004–0.008*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*80 (65-165)*
K1	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*
K2	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*165 (115-260)*
K3	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*
K4	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*
K5	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*
K6	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*
K7	*LNEG1003-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – LNEG...-EB1570 misure metriche

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P4	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P5	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P6	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P7	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	60 (40-120)
P8	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)
P11	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	40 (30-70)
P12	LNEG1005-EB1570	0,15-0,25	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	30 (25-55)
K1	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)
K2	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)
K3	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)
K4	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)
K5	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)
K6	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)
K7	LNEG1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – LNEG...-EB1570 *pollici*

SMG		a_p (∅)	f				v_c
			z=3	z=5	z=7	z=9	RX2000
P4	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P5	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P6	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P7	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*195 (130–395)*
P8	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*130 (100–230)*
P11	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*130 (100–230)*
P12	*LNEG1005-EB1570*	*0.006–0.010*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*100 (85–185)*
K1	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*
K2	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*165 (115–260)*
K3	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*
K4	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165–395)*
K5	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165–395)*
K6	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*
K7	*LNEG1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195–655)*

SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – RNAX...-EB45 misure metriche

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K2	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)	70 (50-120)
K3	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K4	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K5	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K6	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K7	RNAX1005-EB45	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)

SMG = Gruppo materiale Seco. a_p = mm. f = mm/rev. v_c= m/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – RNAX...-EB45 *pollici*

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*
K2	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*165 (115-260)*	*230 (165-395)*
K3	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*
K4	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360-655)*
K5	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360-655)*
K6	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*
K7	*RNAX1005-EB45*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490-985)*

SMG = Gruppo materiale Seco. a_p = *inch.* f = in/rev. v_c= sf/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – RNAX...-EB845 misure metriche

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)
K2	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	50 (35-80)	70 (50-120)
K3	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)
K4	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)	150 (110-200)
K5	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	70 (50-120)	150 (110-200)
K6	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)
K7	RNAX1005-EB845	0,20-0,50	0,15-0,60	0,25-1	0,35-1,4	0,45-1,80	100 (60-200)	220 (150-300)

SMG = Gruppo materiale Seco. a_p = *inch.* f = in/rev. v_c= sf/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – RNAX...-EB845 *pollici*

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*
K2	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*165 (115-260)*	*230 (165-395)*
K3	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*
K4	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*	*490 (360-655)*
K5	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*230 (165-395)*	*490 (360-655)*
K6	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*
K7	*RNAX1005-EB845*	*0.008–0.020*	*0.006–0.024*	*0.010–0.039*	*0.014–0.055*	*0.018–0.071*	*330 (195-655)*	*720 (490-985)*

SMG = Gruppo materiale Seco. a_p = *inch.* f = in/rev. v_c= sf/min. Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – RNAX...-EB1570 misure metriche

SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K2	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	50 (35-80)	70 (50-120)
K3	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K4	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K5	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	70 (50-120)	150 (110-200)
K6	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)
K7	RNAX1005-EB1570	0,20-0,50	0,15-0,45	0,25-0,75	0,25-1,05	0,45-1,35	100 (60-200)	220 (150-300)

SMG = Gruppo materiale Seco
a_p = mm
f = mm/rev
v_c= m/min
Tutti i parametri di taglio sono valori di partenza

Parametri di taglio – RNAX...-EB1570 *pollici*

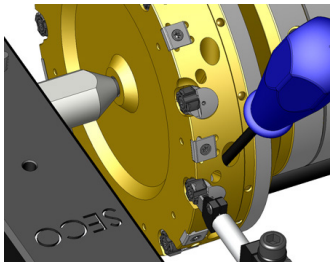
SMG		a_p (∅)	f				v_c	
			z=3	z=5	z=6	z=9	RX2000	RX1500
K1	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*
K2	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*165 (115-260)*	*230 (165- 395)*
K3	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*
K4	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360- 655)*
K5	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*230 (165-395)*	*490 (360- 655)*
K6	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*
K7	*RNAX1005-EB1570*	*0.008–0.020*	*0.006–0.018*	*0.010–0.030*	*0.010–0.041*	*0.018–0.053*	*330 (195-655)*	*720 (490- 985)*

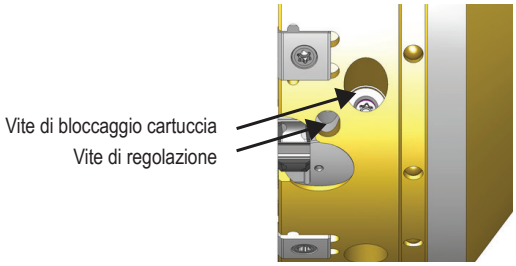
SMG = Gruppo materiale Seco
a_p = *inch*
f = in/rev
v_c= sf/min
Tutti i parametri di taglio sono valori di partenza

Istruzioni per la regolazione

1.

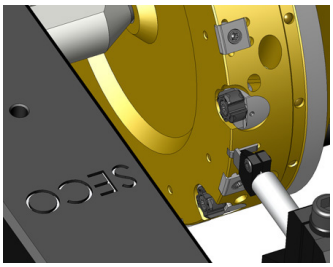
- Allentare la vite di bloccaggio cartuccia.
- Ruotare o sostituire l'inserto.
- Allentare di 1/4 di giro la vite di regolazione e spingere indietro la cartuccia.
- Serrare delicatamente di nuovo la vite di serraggio della cartuccia a circa 0,5 Nm *(4.4 in/lb)*.

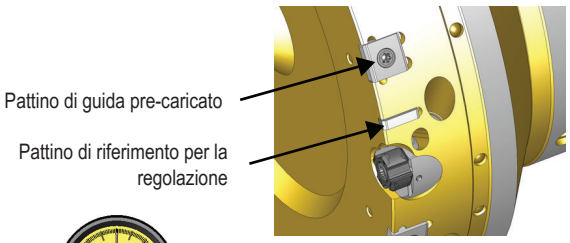


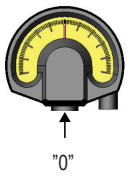


2.

- Azzerare il micrometro sul pattino di riferimento.
- Accertarsi che il punto di misurazione sia dopo lo smusso dell'imbocco.

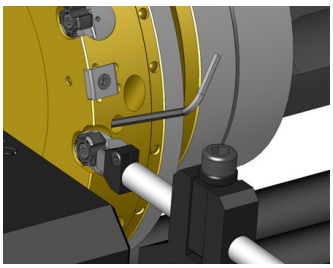


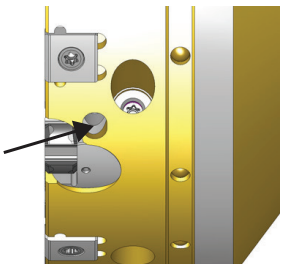


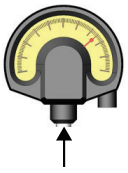


3.

- Utilizzando la vite di regolazione, registrare l'inserto di 0,025 mm *(0,001")* maggiorato rispetto al pattino di riferimento.
- Ripetere la regolazione per tutti gli inserti.

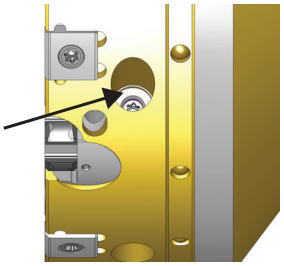






4.

- Serrare la vite di bloccaggio della cartuccia a 2 Nm *(17,7 in/lb)*.



Nota: se durante la regolazione la quota prescritta viene superata, l'intera operazione deve essere ripetuta dall'inizio per annullare il gioco tra lama e viti di regolazione, che devono sempre lavorare in spinta.

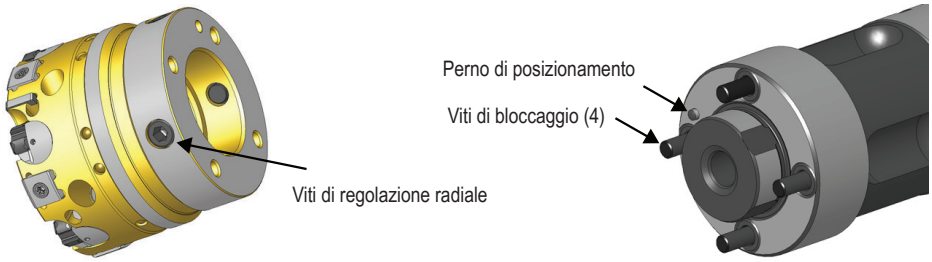
Istruzioni di regolazione, adattatore

1.

Assemblaggio

- Pulire accuratamente la superficie di contatto della flangia.
- Allentare le 4 viti di regolazione radiale in modo che non interferiscano durante l'assemblaggio.
- Montare la testina dell'alesatore sull'adattatore (perno di posizionamento) e serrare le 4 viti di fissaggio.

Assemblaggio (figura 1)

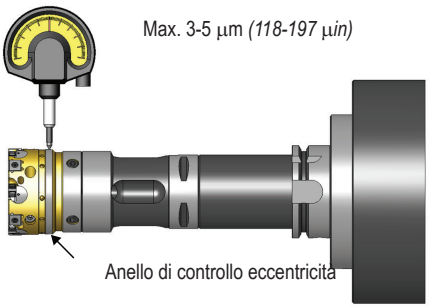


2.

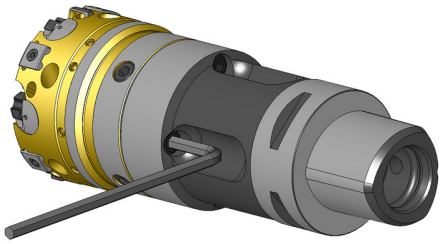
Impostazione

- Montare l'utensile sul mandrino macchina.
- Montare il micrometro come mostrato nel disegno 2.
- Sbloccare il mandrino macchina in modo che l'utensile ruoti liberamente.
- Iniziare la correzione radiale mediante le 4 viti di regolazione (disegno 3).
- Eccentricità massima 5 µm *(197 µin)*.
- Quando il valore dell'eccentricità risulta inferiore a 10 µm *(394 µin)*, procedere col serraggio finale (disegno 1); vedere la tabella per i valori consigliati della coppia di serraggio.

Operazione di registrazione in macchina (disegno 2)



Viti di bloccaggio (disegno 3)



3.

- Finalizzare la regolazione dell'eccentricità, max 5 µm *(max 197 µin)*.

Viti di regolazione radiale (disegno 4)

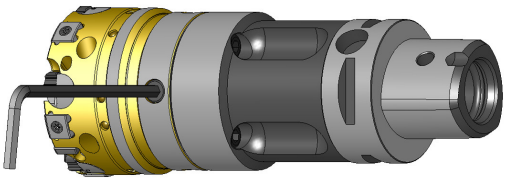


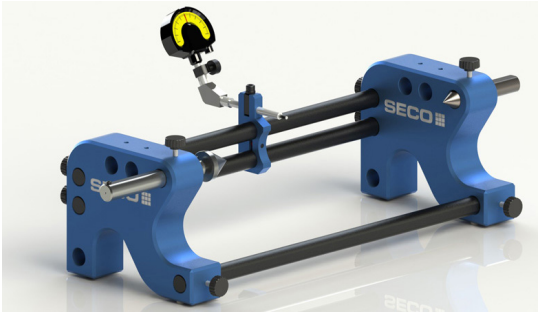
Tabella coppia di serraggio

Diametro mm	*Diametro pollici*	**Dimensione adattatore**	**Vite di bloccaggio**	**Coppia di serraggio Nm**	*Coppia di serraggio pollici/lb*
39,5-59,499	*1,555-2,342*	HF32	CHC M3 x 16	2,7	*24*
59,5-84,499	*2,342-3,372*	HF55	CHC M5 x 25	5,7	*50*
84,5-119,499	*3,372-4,705*	HF80	CHC M6 x 25	9,8	*87*
119,5-154,499	*4,705-6,083*	HF100	CHC M8 x 30	24	*212*

Dispositivo di regolazione – Ad indicatore singolo

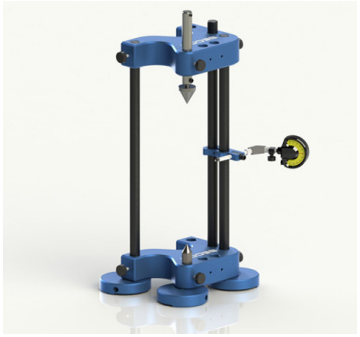
SF-210340-C160: codice prodotto 02885391

- Posizione orizzontale
- Prima scelta per alesatori Xfix
- 1 indicatore
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 340 mm *(13,386")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,244")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



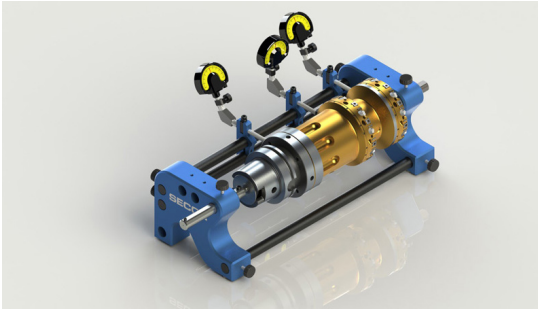
SF-210290V-C160: codice prodotto 02885392

- Posizione verticale
- Prima scelta per alesatori Xfi
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 290 mm *(11,417")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,244")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620

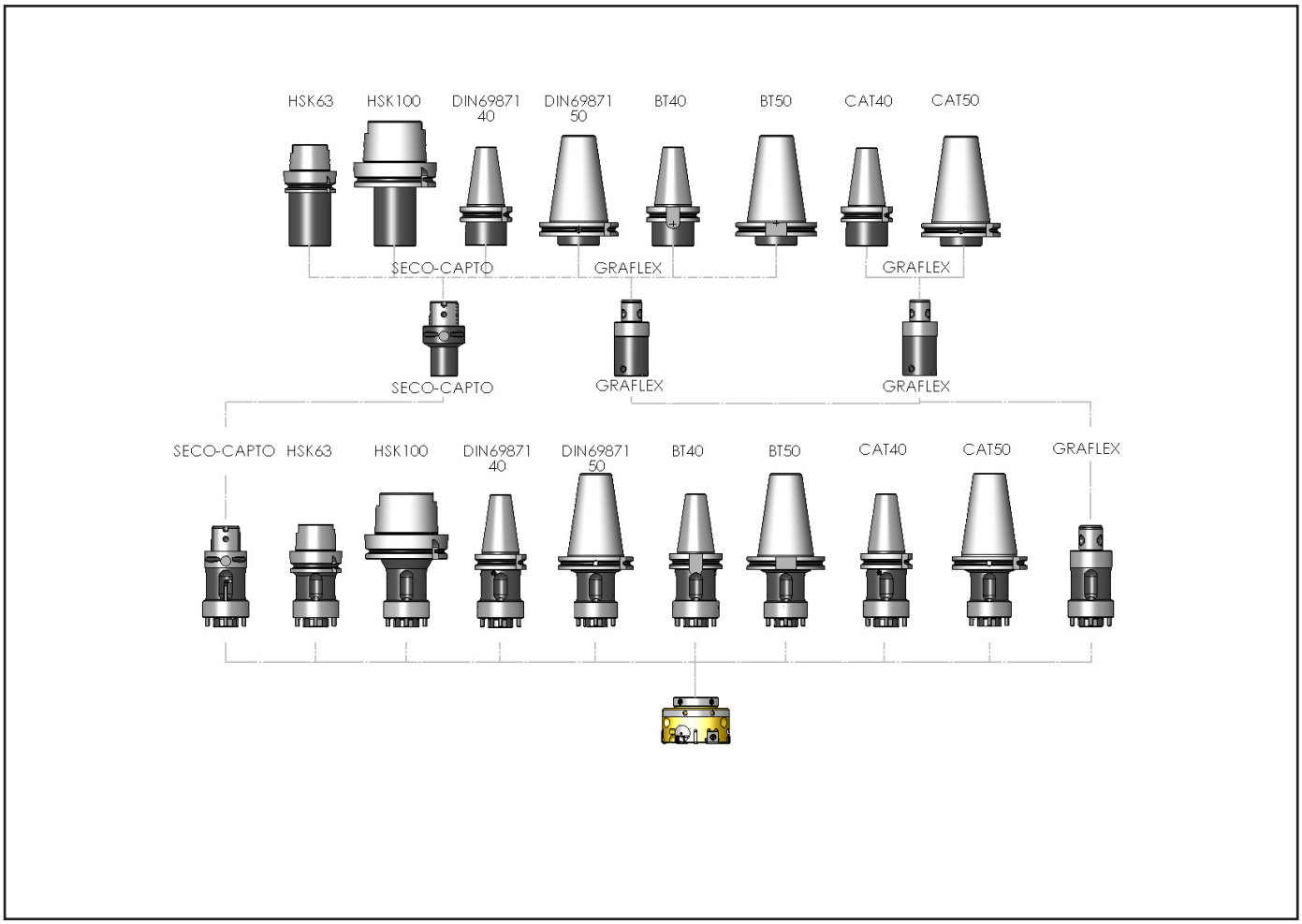


Dispositivo di regolazione – Ad indicatore multiplo

Possibilità di dispositivi multi-indicatore, vedere il capitolo relativo ai dispositivi di regolazione alle pagine 493-498 per maggiori dettagli



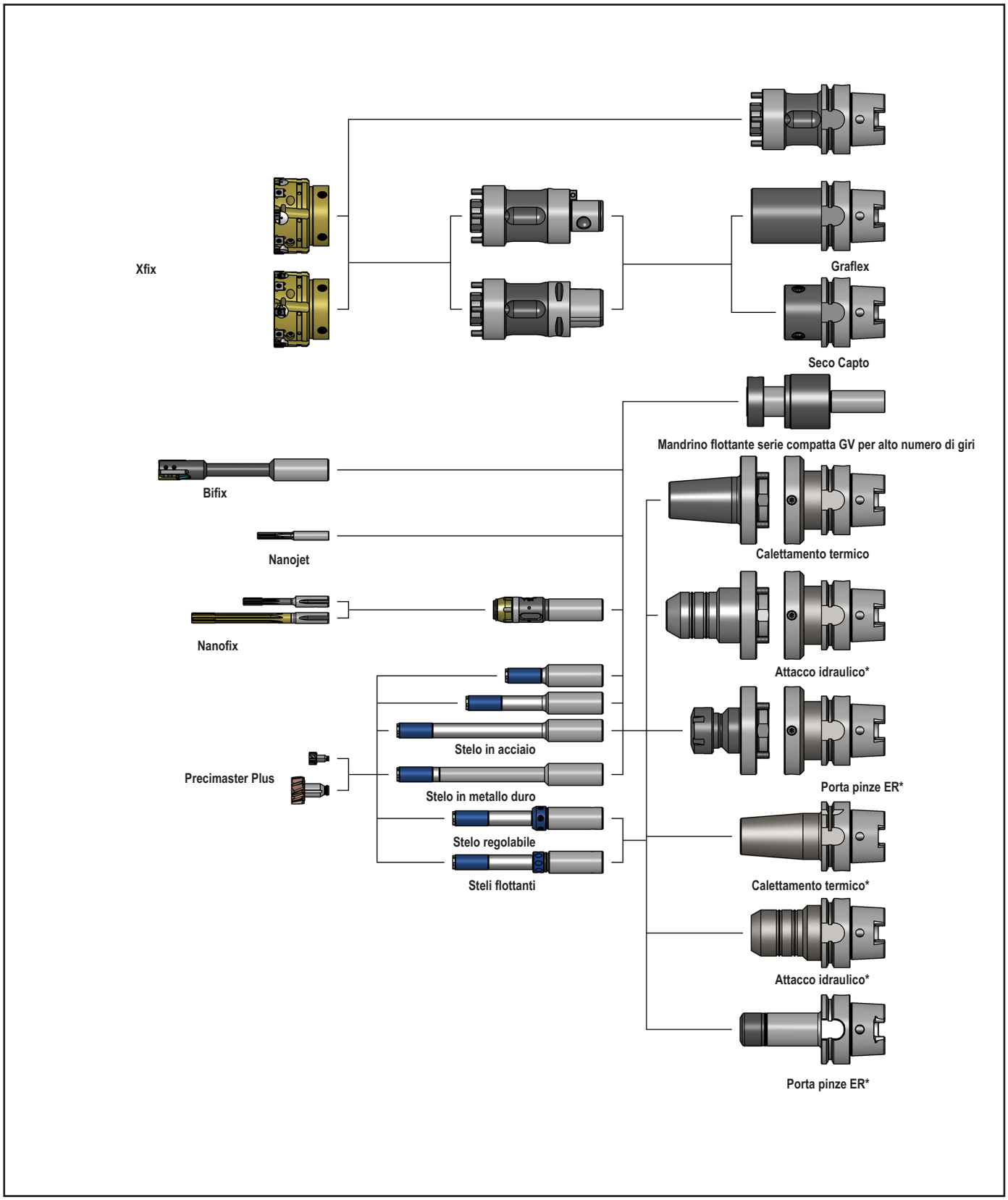
Gamma attacchi disponibili



Diametro mm	*Diametro pollici*	**Max rapporto diam./lunghezza**
39,5-59,499	*1,555-2,342*	6,5 x D
59,5-84,499	*2,342-3,372*	4,5 x D
84,5-119,499	*3,372-4,705*	3,3 x D
119,5-154,499	*4,705-6,083*	2,5 x D

Nota: Per diametri > 100 mm *(3,937")* o per L > 3 x D, verificare il peso massimo accettabile dalla macchina.

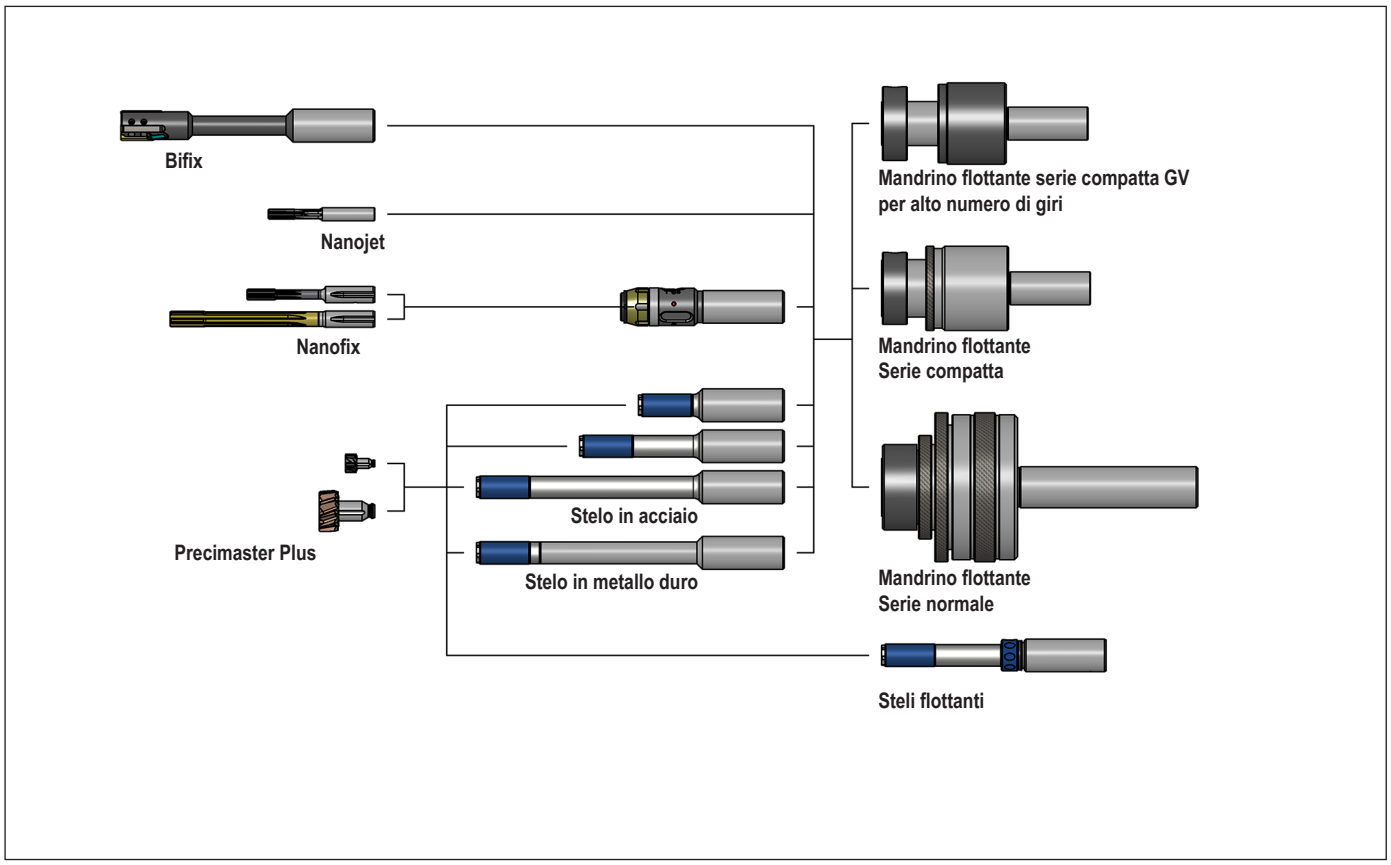
Applicazioni rotanti



*Vedere catalogo SISTEMI DI UTENSILI

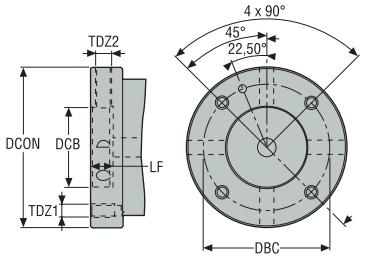
Le migliori prestazioni sono ottenute con montaggio rigido (attacco idraulico, porta pinze ER a calettamento termico)

Applicazioni non rotanti



Dimensione flangia





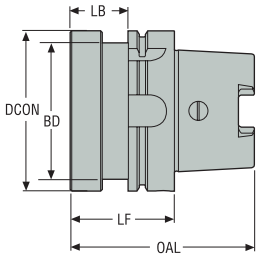
DCON	DBC +/- 0,1	DCB F8	LF	TDZ1	TDZ2
60	44	30	12	M5	M8x1
70	53	35	12	M6	M8x1
80	63	40	12	M6	M8x1
100	79	50	14	M8	M10x1
117	96	60	14	M8	M10x1
140	119	80	14	M10	M10x1

Parti di ricambio, comprese nella fornitura

Per	Vite di regolazione	Vite staffa
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
70	HCM8X16X1/ISO4028	CHCM6X20/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Lato Macchina HSK-A





—Nota: Tubo del refrigerante e viti inclusi nella fornitura

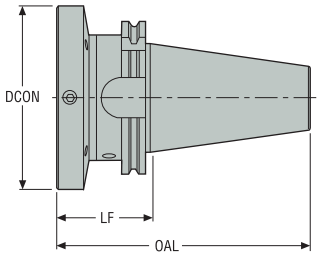
Codice di ordinazione	Codice prodotto	Cono	DCON	BD	LB	LF	OAL	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
SAH-23405100001	02836663	HSK-A 100	60,0 *2.362*	60,0 *2.362*	26,0 *1.024*	55,0 *2.165*	105,0 *4.134*	2,5 *5.510*
SAH-2340550001	02836566	HSK-A 50	60,0 *2.362*	42,0 *1.654*	34,0 *1.339*	60,0 *2.362*	85,0 *3.346*	0,95 *2.090*
SAH-2340580001	02836655	HSK-A 80	60,0 *2.362*	60,0 *2.362*	24,0 *0.945*	50,0 *1.969*	90,0 *3.543*	1,4 *3.090*
SAH-2340563001	02836574	HSK-A 63	60,0 *2.362*	53,0 *2.087*	34,0 *1.339*	60,0 *2.362*	92,0 *3.622*	1,2 *2.650*
SAH-23405100007	02836664	HSK-A 100	70,0 *2.756*	70,0 *2.756*	26,0 *1.024*	55,0 *2.165*	105,0 *4.134*	2,7 *5.950*
SAH-2340563003	02836575	HSK-A 63	70,0 *2.756*	53,0 *2.087*	34,0 *1.339*	60,0 *2.362*	92,0 *3.622*	1,3 *2.870*
SAH-2340580003	02836657	HSK-A 80	70,0 *2.756*	67,0 *2.638*	34,0 *1.339*	60,0 *2.362*	100,0 *3.937*	1,5 *3.310*
SAH-23405100002	02836665	HSK-A 100	80,0 *3.150*	80,0 *3.150*	26,0 *1.024*	55,0 *2.165*	105,0 *4.134*	2,9 *6.390*
SAH-2340563002	02836576	HSK-A 63	80,0 *3.150*	53,0 *2.087*	34,0 *1.339*	60,0 *2.362*	92,0 *3.622*	1,4 *3.090*
SAH-2340580002	02836658	HSK-A 80	80,0 *3.150*	67,0 *2.638*	34,0 *1.339*	60,0 *2.362*	100,0 *3.937*	1,6 *3.530*
SAH-2340563004	02836577	HSK-A 63	100,0 *3.937*	53,0 *2.087*	39,0 *1.535*	65,0 *2.559*	97,0 *3.819*	1,95 *4.300*
SAH-23405100003	02836666	HSK-A 100	100,0 *3.937*	85,0 *3.346*	36,0 *1.417*	65,0 *2.559*	115,0 *4.528*	3,5 *7.720*
SAH-2340580004	02836660	HSK-A 80	100,0 *3.937*	67,0 *2.638*	39,0 *1.535*	65,0 *2.559*	105,0 *4.134*	2,2 *4.850*

Parti di ricambio, comprese nella fornitura

Per DCON	Vite di regolazione	Vite staffa
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
70	HCM8X16X1/ISO4028	CHCM6X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Lato Macchina DIN 69871





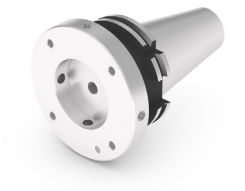
—Nota: Viti incluse nella fornitura

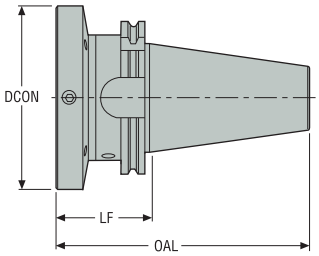
Codice di ordinazione	Codice prodotto	Cono	DCON	LF	OAL	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
SAH-2340640201	02836683	DIN40 ADB	60,0 *2.362*	50,0 *1.969*	118,4 *4.661*	1,3 *2.870*
SAH-2340650201	02836687	DIN50 ADB	60,0 *2.362*	50,0 *1.969*	151,8 *5.976*	3,1 *6.830*
SAH-2340650202	02836690	DIN50 ADB	80,0 *3.150*	50,0 *1.969*	151,8 *5.976*	3,5 *7.720*
SAH-2340640202	02836685	DIN40 ADB	80,0 *3.150*	55,0 *2.165*	123,4 *4.858*	1,7 *3.750*
SAH-2340640203	02836686	DIN40 ADB	100,0 *3.937*	60,0 *2.362*	128,4 *5.055*	2,3 *5.070*
SAH-2340650203	02836691	DIN50 ADB	100,0 *3.937*	60,0 *2.362*	161,8 *6.370*	4,3 *9.480*

Parti di ricambio, comprese nella fornitura

Per DCON	Vite di regolazione	Vite staffa
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Lato Macchina ANSI CAT





—Nota: Viti incluse nella fornitura
—Filettatura tirante in pollici

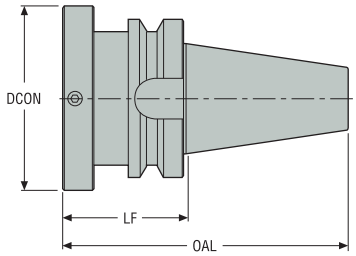
Codice di ordinazione	Codice prodotto	Cono	DCON	LF	OAL	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
SAH-2784940201	02836698	CAT 40	60,0 *2.362*	50,0 *1.969*	118,4 *4.661*	1,1 *2.430*
SAH-2784950201	02836707	CAT 50	60,0 *2.362*	50,0 *1.969*	151,8 *5.976*	3,1 *6.830*
SAH-2784940202	02836702	CAT 40	80,0 *3.150*	60,0 *2.362*	128,4 *5.055*	1,8 *3.970*
SAH-2784950202	02836709	CAT 50	80,0 *3.150*	60,0 *2.362*	161,8 *6.370*	3,4 *7.500*
SAH-2784940203	02836704	CAT 40	100,0 *3.937*	60,0 *2.362*	128,4 *5.055*	2,3 *5.070*
SAH-2784950203	02836710	CAT 50	100,0 *3.937*	80,0 *3.150*	181,8 *7.157*	5,5 *12.130*

Parti di ricambio, comprese nella fornitura

Per DCON	Vite di regolazione	Vite staffa
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Lato Macchina BT





—Nota: Viti incluse nella fornitura

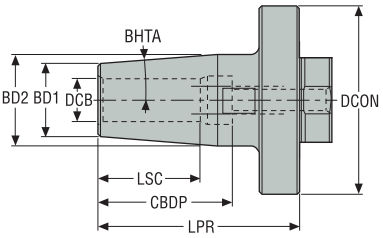
Codice di ordinazione	Codice prodotto	Cono	DCON	LF	OAL	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
SAH-2340740001	02836717	BT40 ADB	60,0 *2.362*	55,0 *2.165*	120,4 *4.740*	1,4 *3.090*
SAH-2340750001	02836724	BT50 ADB	60,0 *2.362*	70,0 *2.756*	171,8 *6.764*	4,2 *9.260*
SAH-2340740004	02836718	BT40 ADB	70,0 *2.756*	55,0 *2.165*	120,4 *4.740*	1,5 *3.310*
SAH-2340750002	02836725	BT50 ADB	70,0 *2.756*	70,0 *2.756*	171,8 *6.764*	4,4 *9.700*
SAH-2340740002	02836719	BT40 ADB	80,0 *3.150*	65,0 *2.559*	130,4 *5.134*	2,0 *4.410*
SAH-2340750003	02836726	BT50 ADB	80,0 *3.150*	70,0 *2.756*	171,8 *6.764*	4,6 *10.140*
SAH-2340740003	02836721	BT40 ADB	100,0 *3.937*	60,0 *2.362*	125,4 *4.937*	2,7 *5.950*
SAH-2340750004	02836727	BT50 ADB	100,0 *3.937*	70,0 *2.756*	171,8 *6.764*	5,1 *11.240*

Parti di ricambio, comprese nella fornitura

Per DCON	Vite di regolazione	Vite staffa
		
60	HCM8X12X1/ISO4028	CHCM5X20/ISO4762
70	HCM8X16X1/ISO4028	CHCM6X20/ISO4762
80	HCM8X16X1/ISO4028	CHCM6X25/ISO4762
100	HCM10X20X1/ISO4028	CHCM8X25/ISO4762

Calettamento termico





—Nota: Viti di regolazione incluse nella fornitura

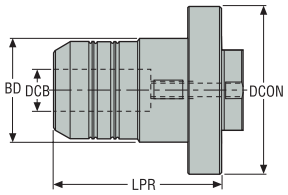
Codice di ordinazione	Codice prodotto	DCON	BD2	BD1	DCB	LSC	CBDP	LPR	Peso	BHTA°
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
SAH-2341008236	10280202	60,0 *2.362*	27,0 *1.063*	21,0 *0.827*	8,0 *0.315*	26,0 *1.024*	36,0 *1.417*	70,0 *2.756*	0,5 *1.100*	4.5
SAH-2341012238	02836737	60,0 *2.362*	32,0 *1.260*	24,0 *0.945*	12,0 *0.472*	34,0 *1.339*	47,5 *1.870*	70,0 *2.756*	0,52 *1.150*	4.5
SAH-2341016241	02836741	70,0 *2.756*	34,0 *1.339*	27,0 *1.063*	16,0 *0.630*	39,0 *1.535*	50,5 *1.988*	75,0 *2.953*	0,7 *1.540*	4.5
SAH-2341020251	02836742	80,0 *3.150*	42,0 *1.654*	33,0 *1.299*	20,0 *0.787*	41,0 *1.614*	52,5 *2.067*	80,0 *3.150*	1,0 *2.200*	4.5
SAH-2341025260	02836743	100,0 *3.937*	53,0 *2.087*	44,0 *1.732*	25,0 *0.984*	47,0 *1.850*	58,5 *2.303*	80,0 *3.150*	2,2 *4.850*	4.5
SAH-2341032261	02836744	100,0 *3.937*	53,0 *2.087*	44,0 *1.732*	32,0 *1.260*	51,0 *2.008*	62,5 *2.461*	80,0 *3.150*	2,5 *5.510*	4.5

Parti di ricambio, comprese nella fornitura

Per DCON	Vite di regolazione
	
60	HCM6X12/ISO4028
70/80	HCM6X16/ISO4028
100	HCM8X12X1/ISO4028

Mandrino idraulico





—Nota: Viti di regolazione incluse nella fornitura

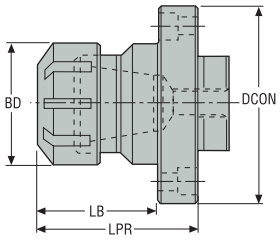
Codice di ordinazione	Codice prodotto	DCON	BD	DCB	LPR	Peso
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
SAH-2341106240	10280197	60,0 *2.362*	26,0 *1.024*	6,0 *0.236*	50,0 *1.969*	0,8 *1.760*
SAH-2341116253	02836749	70,0 *2.756*	38,0 *1.496*	16,0 *0.630*	50,0 *1.969*	0,75 *1.650*
SAH-2341104267	10280198	80,0 *3.150*	22,5 *0.886*	4,0 *0.157*	66,0 *2.598*	0,9 *1.980*
SAH-2341106268	10280199	80,0 *3.150*	26,5 *1.043*	6,0 *0.236*	64,5 *2.539*	0,9 *1.980*
SAH-2341108269	10280200	80,0 *3.150*	28,0 *1.102*	8,0 *0.315*	77,5 *3.051*	1,1 *2.430*
SAH-2341110242	10280201	80,0 *3.150*	30,0 *1.181*	10,0 *0.394*	77,5 *3.051*	1,1 *2.430*
SAH-2341112255	02836752	80,0 *3.150*	32,0 *1.260*	12,0 *0.472*	77,5 *3.051*	1,1 *2.430*
SAH-2341116256	02836754	80,0 *3.150*	38,0 *1.496*	16,0 *0.630*	82,5 *3.248*	1,2 *2.650*
SAH-2341120257	02836755	80,0 *3.150*	42,0 *1.654*	20,0 *0.787*	82,5 *3.248*	1,3 *2.870*
SAH-2341125258	02836756	80,0 *3.150*	50,0 *1.969*	25,0 *0.984*	90,0 *3.543*	1,7 *3.750*
SAH-2341112259	02836757	100,0 *3.937*	32,0 *1.260*	12,0 *0.472*	90,0 *3.543*	1,9 *4.190*
SAH-2341125260	02836758	100,0 *3.937*	50,0 *1.969*	25,0 *0.984*	100,0 *3.937*	2,8 *6.170*
SAH-2341132261	02836759	100,0 *3.937*	60,0 *2.362*	32,0 *1.260*	103,0 *4.055*	2,9 *6.390*

Parti di ricambio, comprese nella fornitura

Per DCON	Vite di regolazione
	
60	HCM6X12/ISO4028
70/80	HCM6X16/ISO4028
100	HCM8X12X1/ISO4028

Porta pinze ER





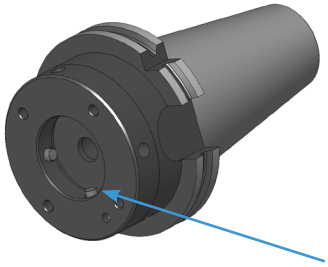
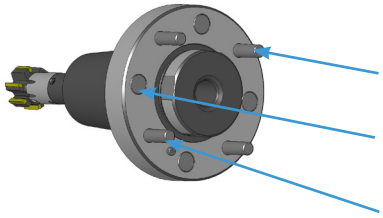
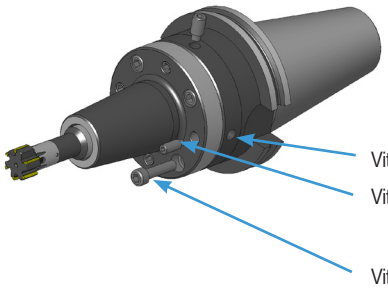
—Nota: Viti di regolazione incluse nella fornitura

Codice di ordinazione	Codice prodotto	Dimensione	DCON	BD	LB	LPR	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
SAH-23412ER25254	02836762	ER25	80,0 *3.150*	42,0 *1.654*	45,0 *1.772*	60,0 *2.362*	1,0 *2.200*
SAH-23412ER32255	02836763	ER32	80,0 *3.150*	50,0 *1.969*	45,0 *1.772*	60,0 *2.362*	1,2 *2.650*
SAH-23412ER40256	02836764	ER40	100,0 *3.937*	63,0 *2.480*	50,0 *1.969*	70,0 *2.756*	1,6 *3.530*

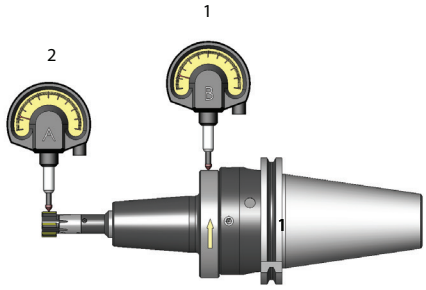
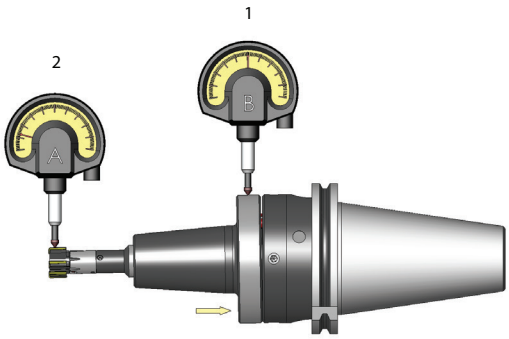
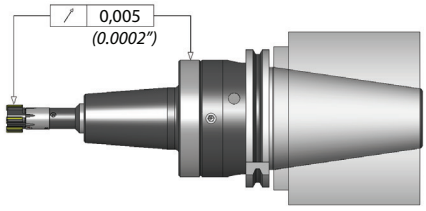
Parti di ricambio, comprese nella fornitura

Per DCON	Vite di regolazione
	
80	HCM6X16/ISO4028
100	HCM8X12X1/ISO4028

Istruzioni di assemblaggio

	– Pulire la superficie di contatto – Verificare che le viti di regolazione radiale non interferiscano con l'assemblato
	– Verificare che le viti di regolazione angolare non interferiscano con l'assemblato
	– Procedere all'assemblaggio e pre-serrare delicatamente le viti di bloccaggio (x4)

Istruzioni per la regolazione

– Montare l'utensile sul mandrino macchina – Montare il micrometro 1 come mostrato (micrometro 2 non necessario per questa fase) – Ruotare l'utensile a mano fino a trovare il valore più basso indicato dal micrometro – Procedere alla compensazione dell'eccentricità radiale come mostrato dalla freccia – Controllare e ripetere la compensazione se necessario	
– Montare il micrometro 2 come mostrato – Ruotare l'utensile a mano fino a trovare il valore più basso indicato dal micrometro – Procedere alla compensazione dell'eccentricità radiale come mostrato dalla freccia – Controllare e ripetere la compensazione se necessario	
– Una volta terminata la regolazione, eccentricità <5 µm *(197 µin)*, finalizzare il bloccaggio dell'assemblato – L'adattatore regolabile può essere preimpostato a bordo macchina utilizzando un qualsiasi dispositivo di preimpostazione disponibile in officina – La regolazione finale deve sempre essere fatta in nel mandrino macchina – Dev'essere utilizzato un comparatore micrometrico. È accettabile usare un solo comparatore per entrambe le operazioni.	

Panoramica della gamma

L'uso di mandrini flottanti Seco è consigliato

– Quando l'eccentricità è superiore a 0,02 mm *(0,0008")*
– Per utensili non rotanti

Serie compatta GV per alto numero di giri – Prima scelta per utensili rotanti – Regolazione non richiesta (effettuata dal produttore) – Numero di giri fino a 3000 giri/min in funzione dell'applicazione – Adatti anche per applicazioni statiche	
Serie compatta – Prima scelta per utensili non rotanti – Solo con regolazione radiale – Adatti anche per applicazioni rotanti – max. 800 giri/min	
Serie normale – Quando è richiesta una correzione sia radiale che angolare – Adatti anche per applicazioni rotanti – max. 800 giri/min	

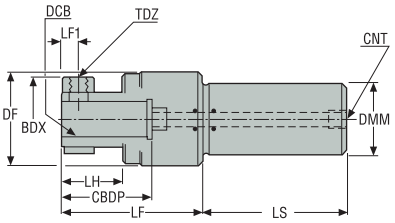
Tutti i mandrini flottanti sono dotati di fori per adduzione refrigerante.
Disponibili 2 tipi di adduzione:

JJL: foro filettato sul fianco
JJ: attraverso l'attacco

Manuale di istruzioni compreso nella fornitura.

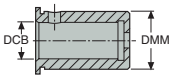
Serie compatta GV per alto numero di giri





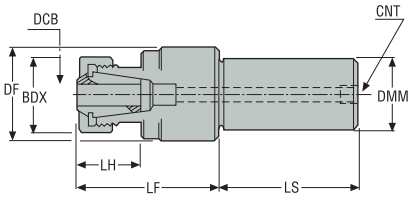
Codice di ordinazione	Codice prodotto	DCB	DMM	LF	LS	DF	BDX	LH	CBDP	CNT	LF1	TDZ	ADJRG	Peso
		mm	mm	mm	mm	mm	mm	mm	mm		mm		mm	kg
SFH-GV11019JJ	00088959	10,0	19,05	47,5	40,0	33,0	30,0	11,5	25,0	1/8	5,5	M6	0,2	0,7
SFH-GV11020JJ	00088945	10,0	20,0	47,5	40,0	33,0	30,0	11,5	25,0	1/8	5,5	M6	0,2	0,8
SFH-GV21619JJ	00076815	16,0	19,05	66,0	50,0	49,5	39,0	24,5	40,0	1/8	8,0	M8	0,2	0,8
SFH-GV21620JJ	00072133	16,0	20,0	66,0	50,0	49,5	39,0	24,5	40,0	1/8	8,0	M8	0,2	0,8
SFH-GV22019JJ	00076827	20,0	19,05	76,0	50,0	49,5	45,0	34,5	50,0	1/8	8,0	M8	0,2	0,8
SFH-GV22020JJ	00072134	20,0	20,0	76,0	50,0	49,5	45,0	34,5	50,0	1/8	8,0	M8	0,2	0,8
SFH-GV32525JJ	00076828	25,0	25,4	89,0	60,0	62,0	52,0	43,5	60,0	1/4	11,0	M10	0,3	1,4
SFH-GV32525MJJ	00072135	25,0	25,0	89,0	60,0	62,0	52,0	43,5	60,0	1/4	11,0	M10	0,3	1,4
SFH-GV325425JJ	00088960	25,4	25,4	89,0	60,0	62,0	52,0	43,5	60,0	1/4	11,0	M10	0,3	1,4
SFH-GV43232JJ	02602671	32,0	32,0	90,0	80,0	72,0	60,0	34,0	60,0	3/8	9,0	M10	0,3	2,2

Accessori

Codice di ordinazione	Anello di riduzione	
		
	DCB	DMM
SRR-BR11016	10	16
SRR-BR11216	12	16
SRR-BR11220	12	20
SRR-BR21620	16	20
SRR-BR31625	16	25
SRR-BR32025	20	25
SRR-GV42532	25	32

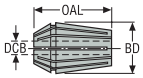
Serie compatta GV per alto numero di giri con porta pinze





Codice di ordinazione	Codice prodotto	CZC	DMM	LF	LS	DF	BDX	LH	CNT	ADJRG	Peso
			mm	mm	mm	mm	mm	mm		mm	kg
SFH-GV3BC25MJJ	00088946	ER32	25,0	80,0	60,0	62,0	50,0	35,0	1/4	0,3	1,3
SFH-GV3BC25JJ	00088961	ER32	25,4	80,0	60,0	62,0	50,0	35,0	1/4	0,3	1,3
SFH-GV4BC31JJ	00088962	ER40	31,75	94,0	80,0	72,0	63,0	39,0	3/8	0,3	0,7
SFH-GV4BC32JJ	00088947	ER40	32,0	94,0	80,0	72,0	63,0	39,0	3/8	0,3	2,4

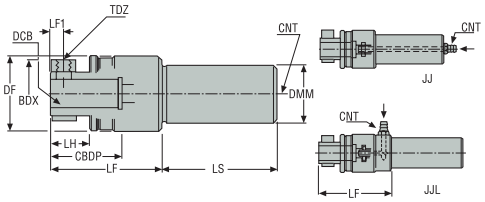
Accessori

Codice di ordinazione	Dimensione	Pinza*			Dimensione	Chiave*
						
		DCB	BD	OAL		
58803210	ER32	10	33	40	ER32	03B587532
58803212	ER32	12	33	40	–	–
58803213	ER32	13	33	40	–	–
58803216	ER32	16	33	40	–	–
58803220	ER32	20	33	40	–	–
58804016	ER40	16	41	46	ER40	03B537540
58804020	ER40	20	41	46	–	–
58804025	ER40	25	41	46	–	–
58804026	ER40	26	41	46	–	–

*Pinze e le chiavi non vengono fornite con i mandrini.

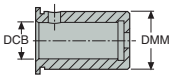
Serie compatta





Codice di ordinazione	Codice prodotto	DCB	DMM	LF	LS	DF	BDX	LH	CBDP	CNT	LF1	TDZ	ADJRG	Peso
		mm	mm	mm	mm	mm	mm	mm	mm		mm		mm	kg
SFH-C01019JJ	00088963	10,0	19,05	44,5	40,0	38,5	30,0	11,0	25,0	1/8	6,0	M6	1,0	0,575
SFH-C01020JJ	00088948	10,0	20,0	44,5	40,0	38,5	30,0	11,0	25,0	1/8	6,0	M6	1,0	0,59
SFH-C21620CJJ	00072142	16,0	20,0	67,5	50,0	51,5	34,0	17,0	40,0	1/4	8,0	M6	1,5	0,97
SFH-C21619CJJ	00076829	16,0	19,05	67,5	50,0	51,5	34,0	17,0	40,0	1/4	8,0	M6	1,5	0,97
SFH-C22019JJL	00088966	20,0	19,05	97,0	70,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	1,1
SFH-C22019CJJ	00076830	20,0	19,05	77,5	50,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	0,97
SFH-C22020CJJ	00072145	20,0	20,0	77,5	50,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	1,0
SFH-C22020JJL	00088951	20,0	20,0	97,0	60,0	51,5	44,0	27,0	50,0	1/4	8,0	M8	1,5	1,1
SFH-C32525JJ	00076846	25,0	25,4	90,0	110,0	59,5	50,0	31,0	60,0	3/8	11,0	M8	1,5	1,7
SFH-C32525JJL	00088967	25,0	25,4	125,0	70,0	59,5	50,0	31,0	60,0	3/8	11,0	M8	1,5	1,98
SFH-C32525MJJ	00072149	25,0	25,0	90,0	110,0	59,5	50,0	31,0	60,0	3/8	11,0	M8	1,5	1,6

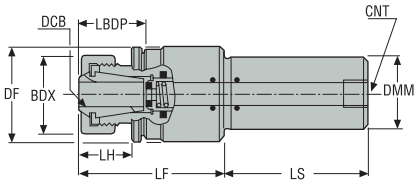
Accessori

Codice di ordinazione	Anello di riduzione	
		
	DCB	DMM
SRR-BR11016	10	16
SRR-BR11216	12	16
SRR-BR11220	12	20
SRR-BR21620	16	20
SRR-BR31625	16	25
SRR-BR32025	20	25

L'adattatore non è incluso nella fornitura.

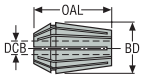
Serie compatta con porta pinze





Codice di ordinazione	Codice prodotto	CZC	DMM	LF	LS	DF	BDX	CBDP	LH	CNT	ADJRG	Peso
			mm	mm	mm	mm	mm	mm	mm		mm	kg
SFH-C65BC25MCJJ	00088953	ER32	25,0	94,0	50,0	64,5	50,0	42,0	33,0	3/8	1,5	1,7
SFH-C65BC25CJJ	00088968	ER32	25,4	94,0	50,0	64,5	50,0	42,0	33,0	3/8	1,5	1,7

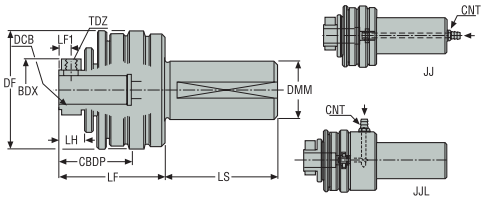
Accessori

Codice di ordinazione	Dimensione	Pinza*			Dimensione	Chiave*
						
		DCB	BD	OAL		
58803210	ER32	10	33	40	ER32	03B587532
58803212	ER32	12	33	40	–	–
58803213	ER32	13	33	40	–	–
58803216	ER32	16	33	40	–	–
58803220	ER32	20	33	40	–	–
58804016	ER40	16	41	46	ER40	03B537540
58804020	ER40	20	41	46	–	–
58804025	ER40	25	41	46	–	–
58804026	ER40	26	41	46	–	–

*Pinze e chiavi non vengono fornite con i mandrini.

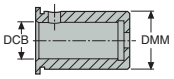
Serie normale





Codice di ordinazione	Codice prodotto	DCB	DMM	LF	LS	DF	BDX	LH	CBDP	CNT	LF1	TDZ	ADJRG	ANADJ	Peso
		mm	mm	mm	mm	mm	mm	mm	mm		mm		mm		kg
SFH-11619JJ	00088969	16,0	19,05	64,0	50,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	0,9
SFH-11619JJL	00088970	16,0	19,05	81,0	40,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	1,32
SFH-11620JJ	00088954	16,0	20,0	64,0	50,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	0,95
SFH-11620JJL	00088955	16,0	20,0	81,0	40,0	62,0	34,0	16,0	40,0	1/4	8,0	M6	1,5	1,0 °	1,34
SFH-22025JJ	00088971	20,0	25,4	74,0	65,0	82,0	44,0	16,0	50,0	3/8	8,0	M8	1,5	1,0 °	1,9
SFH-22025JJL	00088972	20,0	25,4	98,0	70,0	82,0	44,0	16,0	50,0	1/4	8,0	M8	1,5	1,0 °	2,2
SFH-22025MJJ	00088956	20,0	25,0	74,0	65,0	82,0	44,0	16,0	50,0	3/8	8,0	M8	1,5	1,0 °	1,9
SFH-32525JJ	00088973	25,0	25,4	82,5	110,0	91,0	52,0	22,0	60,0	3/8	11,0	M8	2,0	1,0 °	2,5
SFH-32525MJJ	00088958	25,0	25,0	82,5	110,0	91,0	52,0	22,0	60,0	3/8	11,0	M8	2,0	1,0 °	2,5

Accessori

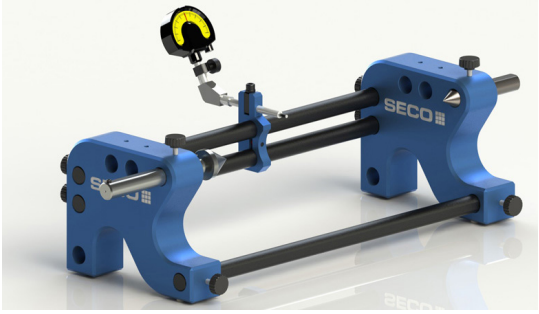
Codice di ordinazione	Anello di riduzione	
		
	DCB	DMM
SRR-BR11016	10	16
SRR-BR11216	12	16
SRR-BR11220	12	20
SRR-BR21620	16	20
SRR-BR31625	16	25
SRR-BR32025	20	25

L'adattatore non è incluso nella fornitura.

Dispositivo di regolazione – Ad indicatore singolo

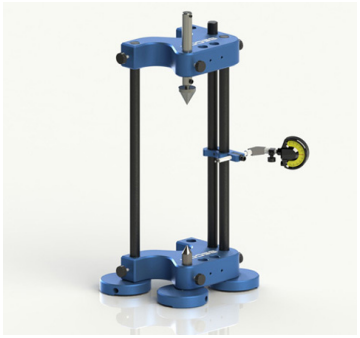
SF-210340-C160: codice prodotto 02885391

- Posizione orizzontale
- Prima scelta per alesatori Xfix
- 1 indicatore
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 340 mm *(13,386")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



SF-210290V-C160: codice prodotto 02885392

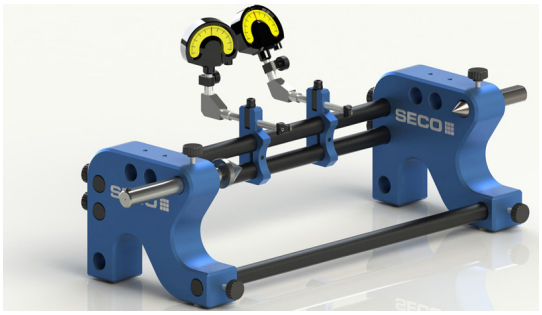
- Posizione verticale
- Prima scelta per alesatori Xfi
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 290 mm *(11,417")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



Dispositivo di regolazione – Ad indicatore doppio

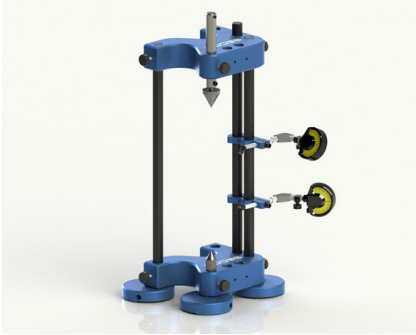
SF-210340-C160C190: codice prodotto 02885393

- Posizione orizzontale
- Prima scelta per alesatori Bifix
- 2 indicatori
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 340 mm *(13,386")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



SF-210290V-C160C190: codice prodotto 02885394

- Posizione verticale
- Prima scelta per alesatori Bifix
- 2 indicatori
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 290 mm *(11,417")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620

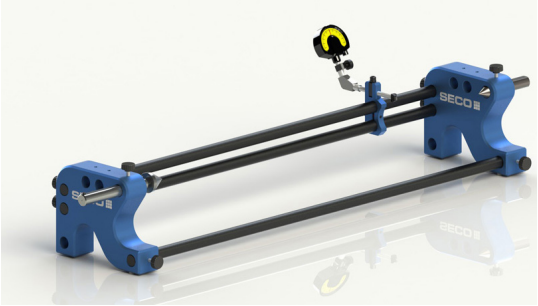


Per informazioni sugli ordini, rivolgersi al rappresentante Seco Tools di zona.

Dispositivo di regolazione – Indicatore singolo grande capacità

SF-210740-C160: codice prodotto 02885385

- Posizione orizzontale
- Prima scelta per alesatori Xfix
- 1 indicatore
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 740 mm *(29,134")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



SF-210690V-C160: codice prodotto 02885387

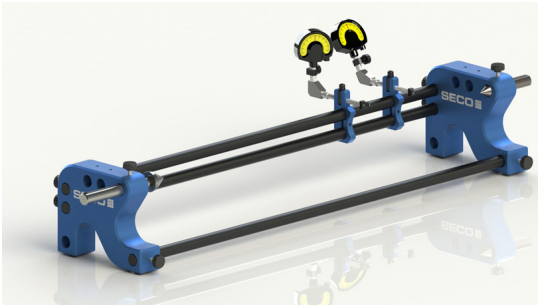
- Posizione verticale
- Prima scelta per alesatori Xfi
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 690 mm *(27,165")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



Apparecchio di regolazione – Grande capacità del doppio orologio

SF-210740-C160C190: codice prodotto 02885388

- Posizione orizzontale
- Prima scelta per alesatori Bifix
- 2 indicatori
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 740 mm *(29,134")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



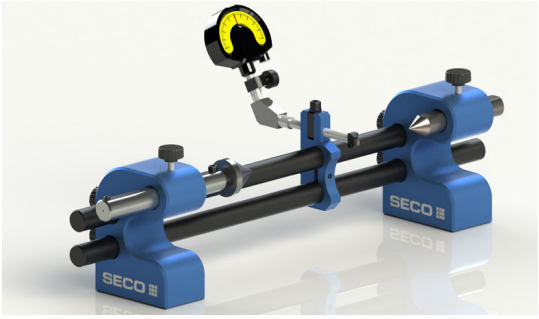
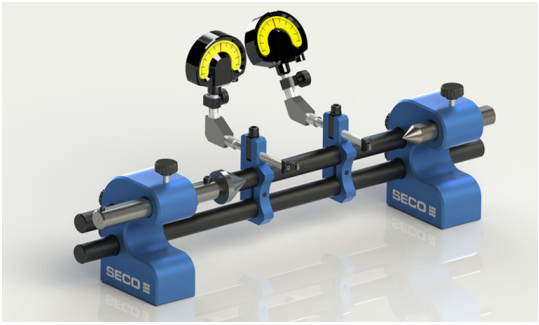
SF-210690V-C160C190: codice prodotto 02885390

- Posizione verticale
- Prima scelta per alesatori Bifix
- 2 indicatori
- Ø massimo utensile: 210 mm *(8,268")*
- Lunghezza massima utensile: 690 mm *(27,165")*
- Inclusa nella fornitura: contropunta ad azione elastica addizionale Ø 57 mm *(2,224")* per HSK 63/80/100 e Capto C8 SSC5700 Codice prodotto 02208620



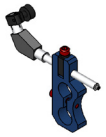
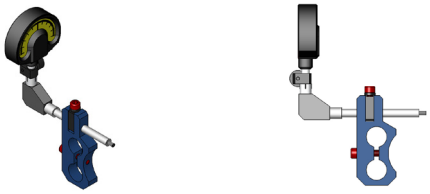
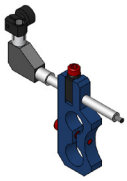
Per informazioni sugli ordini, rivolgersi al rappresentante Seco Tools di zona.

Dispositivo di regolazione – Compatto

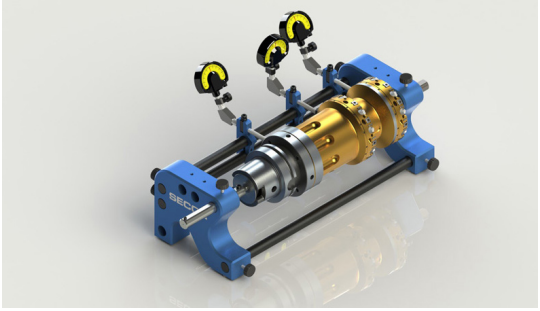
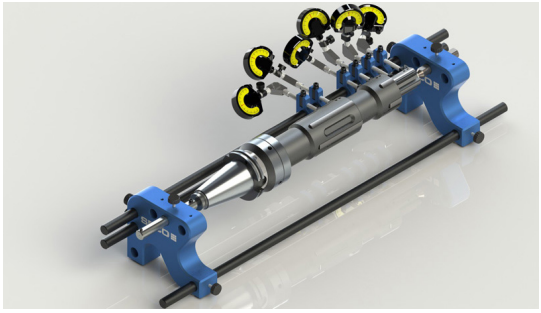
SF-60200-C160: codice prodotto 02885395 – Posizione orizzontale – Prima scelta per Ø minori di 60 mm*(2,362")* – 1 indicatore – Ø massimo utensile: 60,5 mm *(82,382")* – Lunghezza massima utensile: 200 mm *(7,874")*	
SF-60200-C160C190: codice prodotto 02885396 – Posizione orizzontale – Prima scelta per Ø minori di 60 mm *(2,362")* – 2 indicatori – Ø massimo utensile: 60,5 mm *(82,382")* – Lunghezza massima utensile: 200 mm *(7,874")*	

Per informazioni sugli ordini, rivolgersi al rappresentante Seco Tools di zona.

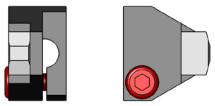
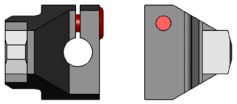
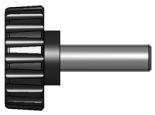
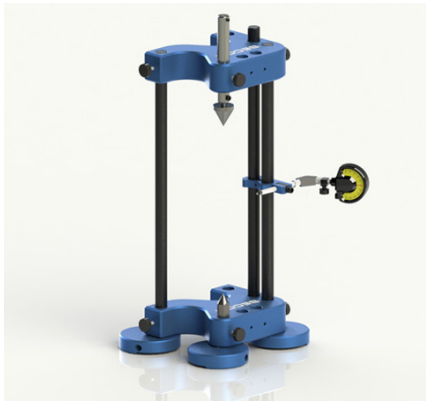
Braccetti di misura aggiuntivi

	**SFB-60: codice prodotto 02208619** – Braccetto di misura a 60° – Comparatore compreso nella fornitura – Punto di misurazione non incluso, vedere pagina 497
	**SFB-60 WC: codice prodotto 02885754** – Braccetto di misura a 60° – Comparatore non compreso nella fornitura – Punto di misurazione non incluso, vedere pagina 497
	**SFB-90: codice prodotto 02208622** – Braccetto di misura a 90° – Comparatore compreso nella fornitura – Punto di misurazione non incluso, vedere pagina 497
	**SFB-90 WC: codice prodotto 02885755** – Braccetto di misura a 90° – Comparatore non compreso nella fornitura – Punto di misurazione non incluso, vedere pagina 497
	**DG-1: codice prodotto 75079579** – Comparatore, 1 µm *(39 µin)*

Esempi di dispositivi multi indicatore assemblati

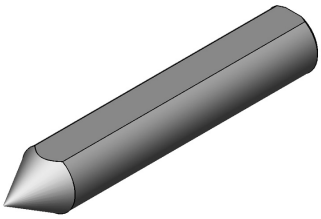
Accessori

	**SMES-406: codice prodotto 02819156** – Punto di misurazione per alesatori Xfix – Ø 4 mm *(0,157")* – Riporto in metallo duro
	**SMES-900: codice prodotto 02208610** – Punto di misurazione per alesatori Bifix – Riporto in metallo duro
	**SMES-909: codice prodotto 02980090** – Punto di misurazione per alesatori Bifix – Riporto in metallo duro – 9 mm *(0,354")* di spazio
	**SFHS-20: codice prodotto 02884025** – Vite manuale – Adatta a tutti i dispositivi di regolazione
 	**SFVST- 100: codice prodotto 02884026** – Supporto in acciaio (set di 3) – Ø 100 mm *(3,937")* – Adatto per utilizzare il dispositivo di regolazione orizzontale in posizione verticale

Contropunte

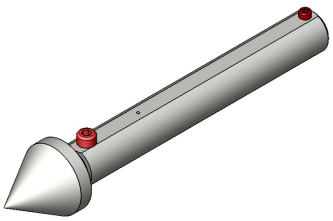
SFC-2000HM: codice prodotto 02884023

– Contropunta fissa in metallo duro integrale
– Ø 20 mm *(0,787")*
– Adatta per alesatori Xfix e Bifix standard e speciali
– Da utilizzarsi con nella parte anteriore dell'utensile



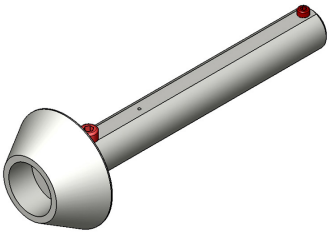
SSC-3400: codice prodotto 02208617

– Contropunta precaricata
– Tronco-conica Ø 34 mm *(1,339")*
– Adatta per alesatori Xfix e Bifix standard e speciali
– Da utilizzarsi con nella parte anteriore posteriore dell'utensile
– Adatta per HSK63/80/100 e Capto C8



SSC5700: codice prodotto 02208620

– Contropunta precaricata
– Tronco-conica Ø 57 mm *(2,244")*
– Adatta per alesatori Xfix e Bifix standard e speciali
– Da utilizzarsi nella parte anteriore posteriore dell'utensile
– Adatta a HSK63/80/100 e Capto C8



Panoramica

Testine per barenatura RB750, barenatura di sgrossatura

Bitaglienti, con meccanismo di accoppiamento dei portainserti




Pagine 505-511

- Elevato volume di truciolo asportato, geometria e posizione del foro precise
- Per applicazioni sia simmetriche che a gradino
- Regolazione simultanea mediante meccanismo di accoppiamento portainserti
- Con connessioni Graflex® o Seco-Capto™

Gamma Ø da 18 a 205 mm
(da 0,709 a 8,071")

IT 9/10

Testine per barenatura RB610, barenatura di sgrossatura

Teste di taglio doppie, lunghezze ridotte





Pagine 517-520

- Elevato volume di truciolo asportato, geometria e posizione del foro precise
- Per applicazioni sia simmetriche che a gradino
- Con connessione Graflex® per il sistema modulare Graflex®
- Con connessione GL o BA per le barre Steadyline® con smorzamento delle vibrazioni

Gamma Ø da 28 mm a 116 mm
(da 1,102 a 4,567")

IT 9/10

Testine per barenatura FB760, tipo Axiabore™, barenatura di finitura

Testine per barenatura di finitura, con utensili assiali





Pagine 526-544

- Regolazione micrometrica per fori di precisione fino a IT5
- Elevata rigidità utensile per una precisa geometria e posizione del foro
- Testina Nanobore™ per diametri piccoli
- Axialibrabore™ e - Axialibrabore™ Plus - sono equilibrabili, adatti alle lavorazioni ad alta velocità (HSM)
- Adattatore multiuso (MPA) per diametri di barenatura maggiori, tornitura esterna e scanalatura
- Con connessioni Graflex® o Seco-Capto™ Disponibile anche la versione digitale, per una regolazione facile e veloce del diametro

Gamma ∅ da 0,3 a 108 mm
(da 0,012 a 4,252")

+ Tornitura esterna e scanalatura frontale

IT 5/6

Graflex® e Seco-Capto™

Gli attacchi, le prolunghe e i riduttori Graflex® e Seco-Capto™ consentono di costruire barre di barenatura




Pagine 618-669

- Gli assemblati di barenatura possono essere realizzati rapidamente , utilizzando i sistemi modulari Graflex o Seco-Capto che includono un'ampia gamma di attacchi e parti intermedie.
- Entrambi i sistemi offrono una connessione rigida e precisa da utilizzare per le applicazioni di sgrossatura o finitura dei fori.
- I moduli possono anche ricevere un gran numero di portautensili come porta pinza, mandrini idraulici, ecc. (vedere il catalogo Tooling Systems (Sistemi di utensili)).

Panoramica

Testine per barenatura di finitura FB780, FB790, FB620, tipo radiale		
Testine per barenatura di finitura, con portainserto radiale   Pagine 563-571	• Regolazione micrometrica 2,5 micron sul diametro per fori di precisione fino a IT 5 • Geometria e posizionamento del foro precisi • Le testine A790 Libraflex® sono perfettamente equilibrabili, adatte alle operazioni ad alta velocità (HSM), serraggio porta-inserto ottimizzato • Fori profondi (fino a 7xD) utilizzando prolunghe in metallo duro, oppure (fino a 10xD) utilizzando barre Steadyline® • Anche per smussatura e per barenatura in tirata • Con connessioni Graflex® o Seco-Capto™ per sistemi modulari • Con connessione GL o BA per barre Steadyline® con smorzamento delle vibrazioni	Gamma Ø da 15 a 205 mm *(da 0,591 a 8,071*)* IT 5 e IT 6
Ponti di barenatura BB731S e ponti di barenatura Jumbo JBB731S, ponti di barenatura BB732 per Steadyline®		
Per barenatura di sgrossatura e di finitura di diametri grandi   Pagine 573-590	**BB731S & JBB731S:** • Unità di barenatura disponibili per sgrossatura e finitura, tornitura esterna e barenatura in tirata • Design robusto per elevate asportazioni nella barenatura di sgrossatura • Regolazione micrometrica per barenatura di finitura • Unità di barenatura con Design ottimizzato e ponti Jumbo realizzati in alluminio ad alta resistenza • Da montare su portafresa, con montaggio in flangia **BB732:** • Progettate per essere utilizzate con attacchi portafresa Steadyline nelle operazioni di barenatura profonda, per ottenere una migliore qualità della superficie, una maggiore produttività e una durata utensile più lunga, durante la barenatura profonda di grandi dimensioni. • Gamma di diametri da 114 a 300 mm (4,488–11,811") per la sgrossatura e fino a 315 mm (12,402") per la finitura	Gamma Ø da 204 a 3205 mm *(8,031-126,181")* IT 5/6 (barenatura di finitura) o 9/10 (barenatura di sgrossatura) + tornitura esterna IT6 Gamma Ø da 114 a 315 mm *(4,488-12,402")*
Inserti per operazioni di barenatura		
 Pagine 604-616	• Per applicazioni di barenatura su tutti i materiali • Elevata tenacità per barenatura di sgrossatura • Geometrie positive per barenatura di finitura • Le qualità selezionate garantiscono una lunga durata	
Sistemi modulari Graflex® o Seco-Capto		
 Pagine 617-619	• Le testine per barenatura hanno una connessione Graflex® o Seco-Capto™ lato macchina, il che consente la scelta di una vasta gamma di profondità e diametri di barenatura • Seleziona gli attacchi base Graflex® o Seco-Capto™ (HSK, DIN, BT, ANSI-CAT, Seco-Capto™) e le parti intermedie • Le parti di ricambio delle testine di barenatura Graflex®sono mostrate nel capitolo specifico	

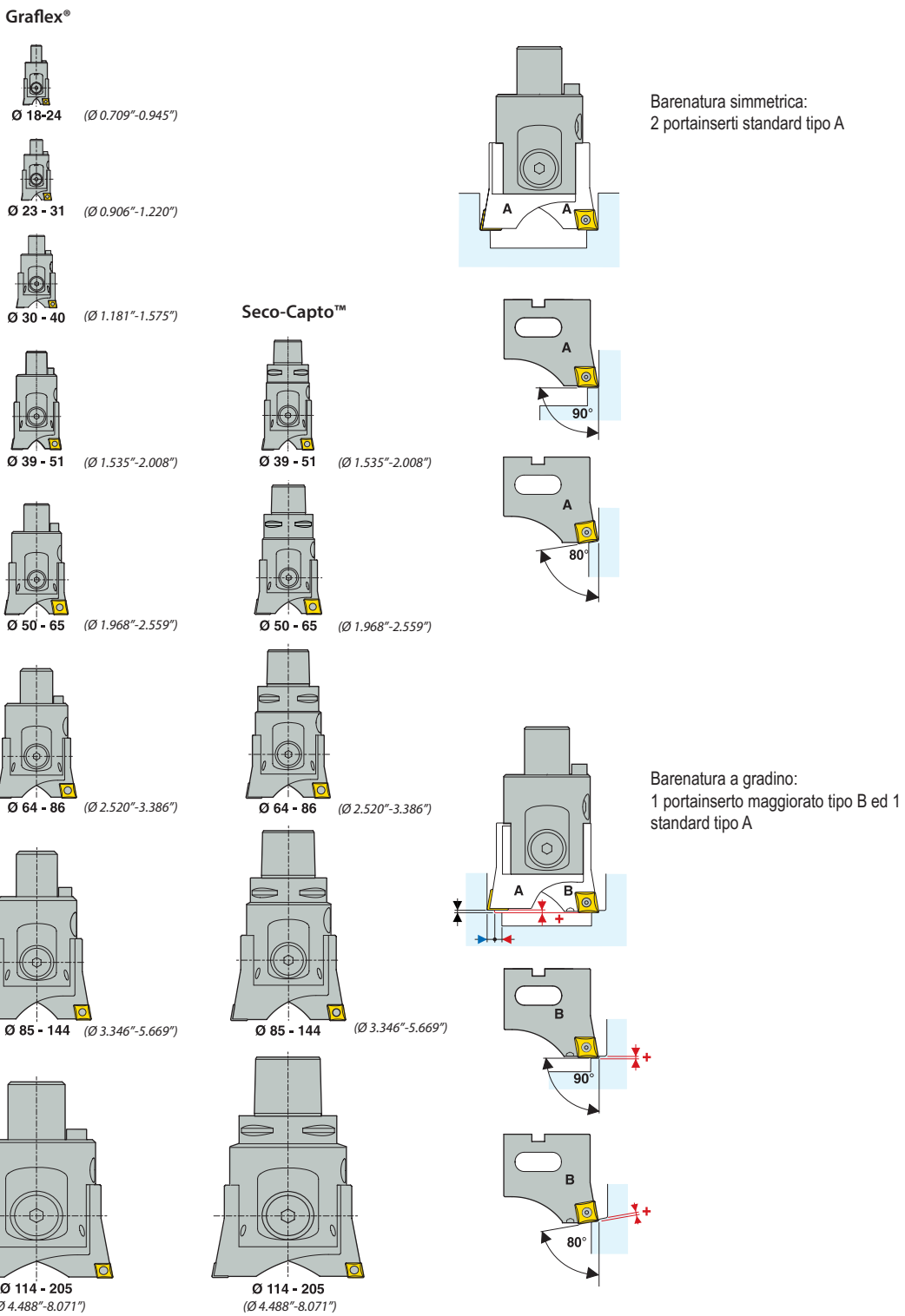


Barenatura di sgrossatura

La gamma Seco di prodotti per barenatura di sgrossatura massimizza l'asportazione e la precisione grazie a prestazioni affidabili e altamente rigide. Disponibili sia con impostazione simmetrica che a gradino. Le soluzioni di smorzamento delle vibrazioni Steadyline™ completano la gamma per offrire livelli ancora più elevati di stabilità per la lavorazione di cavità profonde, dove sono necessarie lunghe sporgenze dell'utensile.

— Le testine RB 750 per barenatura di sgrossatura offrono le massime prestazioni in sgrossatura
— Le testine RB 610 per barenatura di sgrossatura sono corte, semplici e robuste, adatte ad operazioni di sgrossatura

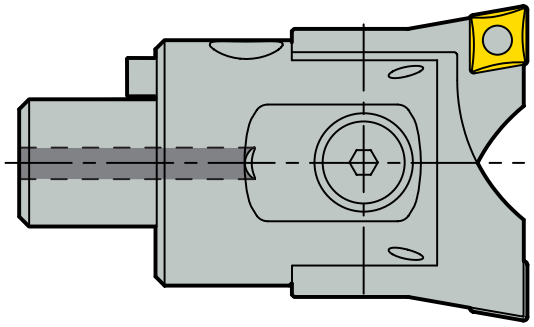
Panoramica testine per barenatura di sgrossatura



Caratteristiche

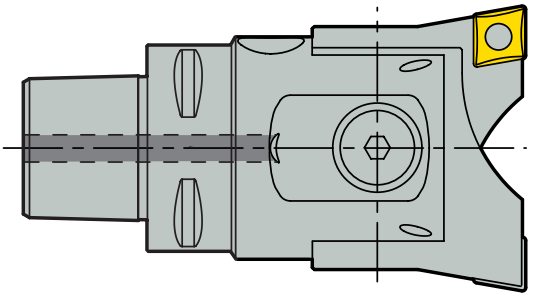
Testine Graflex® per barenatura di sgrossatura

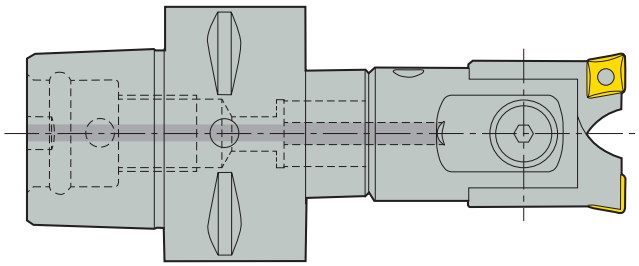
– Ø da 18 a 205 mm *(da 0,709 a 8,071")*
– 8 testine per barenatura di sgrossatura RB 750 con connessione Graflex® per fori ∅ da 18 a 205 mm *(da 0,709 a 8,071")*



Testine per barenatura di sgrossatura Seco-Capto™

– **Nota:** Le testine per barenatura di sgrossatura Seco-Capto™ possono barenare fori di ∅ minimo 39 mm *(1,535")*, con la più piccola dimensione Capto™ C3.
– Per ∅ da 18 a 40 mm *(0,709-1,575")* usare le testine per barenatura Graflex® con dimensione di connessione da G0 a G2, insieme all'appropriato adattatore Capto™/ Graflex®.
– **Nota:** Caratteristiche, istruzioni (montaggio del portainserto, regolazione del diametro, istruzioni per barenatura in tirata, risoluzione dei problemi, condizioni di lavorazione consigliate, velocità massime), portainserti ed inserti dedicati sono analoghi a quelli delle testine RB 750 di finitura della stessa capacità di barenatura, indipendentemente dal tipo di connessione.
– Assiemi modulari e condizioni di taglio adattatori ed estensioni modulari Seco-Capto™ e Graflex®: consultare il catalogo Tooling Systems (Sistemi di Utensili).



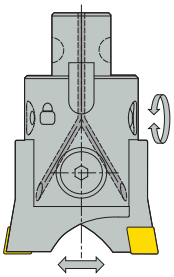


Caratteristiche

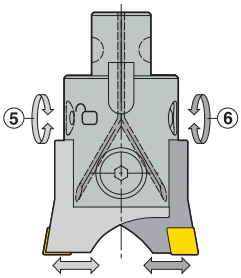
Una testina per barenatura di sgrossatura è costituita da 1 corpo (testina) e da 2 portainserti.

Sono possibili regolazioni simultanee o indipendenti dei portainserti:

Regolazione simultanea grazie al meccanismo di accoppiamento dei portainserti (senza meccanismo di accoppiamento per la testina più piccola con ∅ da 18 a 24 mm *[0,709-0,9445")*. Ciascuna vite di regolazione fa muovere entrambi i portainserti simultaneamente (sono accoppiati dal meccanismo). La regolazione del diametro può essere effettuata senza alcun elemento di pre-regolazione (1 incremento = 0,1 mm *(0.004")* sul diametro). È possibile anche la regolazione indipendente: disimpegnare il meccanismo di accoppiamento in modo che ciascuna vite di regolazione agisca solamente sul rispettivo portainserto.



Regolazione simultanea



Regolazione indipendente

Barenatura simmetrica:

La barenatura simmetrica si ottiene quando entrambi i taglienti sono regolati sullo stesso diametro: richiede due portainserti standard di tipo A (aventi identico angolo di attacco).

Barenatura a gradino:

La barenatura a gradino si ottiene quando un tagliente sfalsato opera come tagliente di imbocco su un diametro minore rispetto ad un secondo tagliente regolato sul diametro da ottenere: necessita di un portainserto standard di tipo A e di un portainserto maggiorato di tipo B che consente lo sfalsamento assiale richiesto (+).

Portainserti per angolo di attacco 90° o 80°

I portainserti A75…CC… e A75…CP… per inserti romboidali hanno un angolo di attacco di 90°: sono particolarmente adatti ai fori ciechi e richiedono una coppia inferiore.
I portainserti A75…SC… per inserti quadri hanno un angolo di attacco di 80°: sono particolarmente adatti per i fori passanti e per le lavorazioni pesanti. Orientamento angolare dei taglienti come da normative ISO.

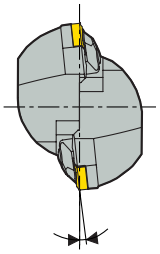
Portainserti per inserti CC, CP, SC o CN

I portainserti A750...CC..., A750...CP... e A750...SC... hanno angolo di spoglia di 0° (GAMO) ed angolo di inclinazione di 0° (LAMS).

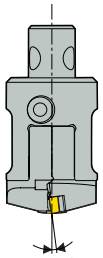
I portainserti A750...CN... hanno angolo di spoglia di -6° (GAMO) ed angolo di inclinazione di -6° (LAMS) e consentono l'uso di inserti "negativi" CNMM e soprattutto di inserti multi-taglienti CNMG con 4 taglienti.

In questo caso, è particolarmente importante utilizzare gli inserti CN raccomandati ed utilizzare i parametri di taglio consigliati (vedere pagina 608).

Con altri inserti aventi angolo di taglio effettivo inferiore e/o parametri di taglio errati, ci potrebbero essere sforzi di taglio elevati e danneggiamenti alla macchina o al pezzo in lavoro.



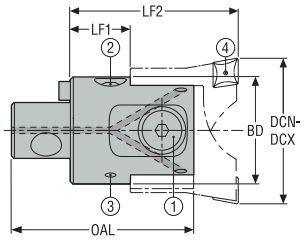
GAMO



LAMS

RB750
Graflex®



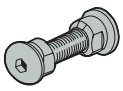


1. Vite di assemblaggio
2. Vite di regolazione
3. Vite di bloccaggio del meccanismo di accoppiamento
4. Vite di bloccaggio inserto

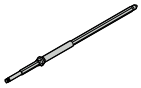
–Sono possibili la barenatura simmetrica e quella a gradino
–Regolazione simultanea mediante meccanismo di accoppiamento dei portainserti

Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Modalità di regolazione simultanea		Modalità di regolazione indipendente		Max. num. di giri
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	Sì	No	Sì	No	
A75000	00026687	G0	18,0 *0.709*	24,0 *0.945*	38,0 *1.496*	12,5 *0.492*	35,0 *1.378*	16,5 *0.650*	0,1 *0.220*		■	■		15000
A75010	00026688	G1	23,0 *0.906*	31,0 *1.220*	42,5 *1.673*	13,5 *0.531*	40,0 *1.575*	21,5 *0.846*	0,1 *0.220*	■		■		12000
A75020	00026689	G2	30,0 *1.181*	40,0 *1.575*	51,0 *2.008*	16,0 *0.630*	46,0 *1.811*	27,0 *1.063*	0,2 *0.440*	■		■		9500
A75030	00026690	G3	39,0 *1.535*	51,0 *2.008*	69,0 *2.717*	24,0 *0.945*	65,0 *2.559*	35,0 *1.378*	0,3 *0.660*	■		■		7500
A75040	00026691	G4	50,0 *1.969*	65,0 *2.559*	78,0 *3.071*	27,0 *1.063*	72,0 *2.835*	43,0 *1.693*	0,5 *1.100*	■		■		5700
A75050	00026692	G5	64,0 *2.520*	86,0 *3.386*	92,0 *3.622*	30,0 *1.181*	82,0 *3.228*	54,0 *2.126*	0,9 *1.980*	■		■		4500
A75060	00026693	G6	85,0 *3.346*	144,0 *5.669*	119,0 *4.685*	37,0 *1.457*	105,0 *4.134*	70,0 *2.756*	1,8 *3.970*	■		■		3500
A75070	00026694	G7	114,0 *4.488*	205,0 *8.071*	143,0 *5.630*	39,0 *1.535*	120,0 *4.724*	95,0 *3.740*	3,7 *8.160*	■		■		2500

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Tenone
		
A75000	90A75000	90M0
A75010	90A75010	90M11
A75020	90A75020	90M21
A75030	90A75030	90M31
A75040	90A75040	90M41
A75050	90A75050	90M51
A75060	90A75060	90M61
A75070	90A75070	90M71

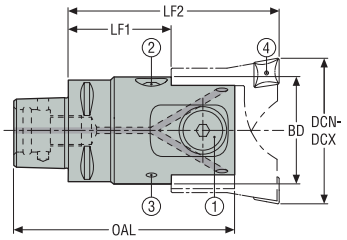
Accessori

Per testa	Chiave per vite staffa	Chiavetta di trascinamento	Chiave per vite inserto	Chiave (impugnatura a T)	Chiave di regolazione
					
A75000	03HL03	–	H4B-T07P	DOUBLE-T	H1.5-2D
A75010	03HL03	H4B-T06P	H4B-T07P	DOUBLE-T	H1.5-2D
A75020	03HL04	H4B-T07P	–	DOUBLE-T	H2.0-2D
A75030	03HL05	H4B-T08P	–	DOUBLE-T	H2.0-2D
A75040	03HL05	H4B-T09P	–	DOUBLE-T	H2.5-2D
A75050	03HL06	–	–	DOUBLE-T	03M03C
A75060	03HL08	–	–	DOUBLE-T	H04-4
A75070	03HL10	H4B-T15P	H4B-T15PL	DOUBLE-T	H04-4

RB750

Seco-Capto™



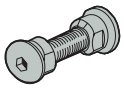


1. Vite di assemblaggio
2. Vite di regolazione
3. Vite di bloccaggio del meccanismo di accoppiamento
4. Vite di bloccaggio inserto

—Sono possibili la barenatura simmetrica e quella a gradino
—Regolazione simultanea mediante meccanismo di accoppiamento dei portainserti

Codice di ordinazione	Codice prodotto	Lato macchina	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Modalità di regolazione simultanea		Modalità di regolazione indipendente		Max. num. di giri
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	Sì	No	Sì	No	
C3-391.0750-30	02809726	C3	39,0 *1.535*	51,0 *2.008*	73,0 *2.874*	29,0 *1.142*	70,0 *2.756*	35,0 *1.378*	0,3 *0.660*	■		■		7500
C4-391.0750-40	02809728	C4	50,0 *1.969*	65,0 *2.559*	88,0 *3.465*	37,0 *1.457*	82,0 *3.228*	43,0 *1.693*	0,6 *1.320*	■		■		5700
C5-391.0750-50	02809733	C5	64,0 *2.520*	86,0 *3.386*	102,0 *4.016*	40,0 *1.575*	92,0 *3.622*	54,0 *2.126*	1,0 *2.200*	■		■		4500
C6-391.0750-60	02809735	C6	85,0 *3.346*	144,0 *5.669*	129,0 *5.079*	49,0 *1.929*	117,0 *4.606*	70,0 *2.756*	1,9 *4.190*	■		■		3500
C8-391.0750-70	02809736	C8	114,0 *4.488*	205,0 *8.071*	159,0 *6.260*	57,0 *2.244*	138,0 *5.433*	95,0 *3.740*	4,1 *9.040*	■		■		2500

Parti di ricambio, comprese nella fornitura

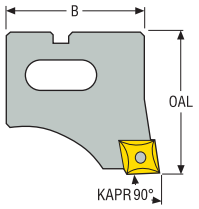
Per testa	Vite di assemblaggio
	
C3-...-30	90A75030
C4-...-40	90A75040
C5-...-50	90A75050
C6-...-60	90A75060
C8-...-70	90A75070

Accessori

Per testa	Chiave per vite staffa	Chiavetta di trascinamento	Chiave (impugnatura a T)	Chiave di regolazione
				
C3-...-30	03HL05	H4B-T08P	DOUBLE-T	H2.0-2D
C4-...-40	03HL05	H4B-T09P	DOUBLE-T	H2.5-2D
C5-...-50	03HL06	–	DOUBLE-T	03M03C
C6-...-60	03HL08	–	DOUBLE-T	H04-4
C8-...-70	03HL10	–	DOUBLE-T	H04-4

Portainserto a 90° per inserti CC.. e CP..





—Per il montaggio sulle teste RB 750
—La barenatura simmetrica richiede due portainserti standard di tipo A.
—La barenatura a gradino richiede un portainserti standard di tipo A e uno esteso di tipo B

Codice di ordinazione	Codice prodotto	Tipologia portainserto	Per testa	Capacità DCN-DCX ∅		OAL	B	Peso	KRINS°	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
A75000CP0590	00026695	Standard tipo A	RB 75000	18,0 *0.709*	24,0 *0.945*	22,5 *0.886*	16,5 *0.650*	0,1 *0.2*	90	CP...0502...
A75010CC0690	00026696	Standard tipo A	RB 75010	23,0 *0.906*	31,0 *1.220*	26,5 *1.043*	21,5 *0.846*	0,1 *0.2*	90	CC...0602...
A75020CC0690	00026697	Standard tipo A	RB 75020	30,0 *1.181*	40,0 *1.575*	30,0 *1.181*	27,0 *1.063*	0,04 *0.1*	90	CC...0602...
A75030CC0990	00026698	Standard tipo A	RB 75030	39,0 *1.535*	51,0 *2.008*	41,0 *1.614*	35,0 *1.378*	0,1 *0.2*	90	CC...09T3...
A75040CC1290	00026699	Standard tipo A	RB 75040	50,0 *1.969*	65,0 *2.559*	45,0 *1.772*	43,0 *1.693*	0,2 *0.4*	90	CC...1204...
A75050CC1290	00026700	Standard tipo A	RB 75050	64,0 *2.520*	86,0 *3.386*	52,0 *2.047*	54,0 *2.126*	0,3 *0.7*	90	CC...1204...
A75060CC1290	00026701	Standard tipo A	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,6 *1.3*	90	CC...1204...
A75060CC1690	00030763	Standard tipo A	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,6 *1.3*	90	CC...1605...
A75065CC1290	00026702	Standard tipo A	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	0,9 *2.0*	90	CC...1204...
A75065CC1690	00030765	Standard tipo A	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	0,9 *2.0*	90	CC...1605...
A75070CC1290	00026703	Standard tipo A	RB 75070	114,0 *4.488*	160,0 *6.299*	81,0 *3.189*	95,0 *3.740*	1,2 *2.7*	90	CC...1204...
A75070CC1690	00030766	Standard tipo A	RB 75070	114,0 *4.488*	160,0 *6.299*	81,0 *3.189*	95,0 *3.740*	1,2 *2.7*	90	CC...1605...
A75075CC1290	00026704	Standard tipo A	RB 75070	159,0 *6.260*	205,0 *8.071*	81,0 *3.189*	141,0 *5.551*	2,0 *4.4*	90	CC...1204...
A75075CC1690	00030771	Standard tipo A	RB 75070	159,0 *6.260*	205,0 *8.071*	81,0 *3.189*	141,0 *5.551*	2,0 *4.4*	90	CC...1605...

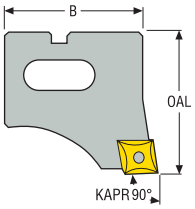
Parti di ricambio, comprese nella fornitura

Per dimensione inserto	Chiave per vite inserto	Chiave (impugnatura a T)	Vite
			
CC...0602...	H4B-T07P	DOUBLE-T	C02504-T07P
CC...09T3...	H4B-T15P	DOUBLE-T	C04008-T15P
CC...1204...	H4B-T15P	DOUBLE-T	C05012-T15P
CC...1605...	H4B-T15P	DOUBLE-T	C05012-T15P
CP...0502...	H4B-T07P	DOUBLE-T	C02245-T07P

Per gli inserti consigliati per la barenatura di sgrossatura, vedere le pagine 608

Portainserto a 90° per inserti CC.. e CP..





—Per il montaggio sulle teste RB 750
—La barenatura simmetrica richiede due portainserti standard di tipo A.
—La barenatura a gradino richiede un portainserti standard di tipo A e uno esteso di tipo B

Codice di ordinazione	Codice prodotto	Tipologia portainserto	Per testa	Capacità DCN-DCX ∅		OAL	B	Peso	KRINS°	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
A75001CP0590	00026705	Maggiorato tipo B	RB 75000	18,0 *0.709*	24,0 *0.945*	22,8 *0.898*	16,5 *0.650*	0,1 *0.2*	90	CP...0502...
A75011CC0690	00026706	Maggiorato tipo B	RB 75010	23,0 *0.906*	31,0 *1.220*	26,85 *1.057*	21,5 *0.846*	0,1 *0.2*	90	CC...0602...
A75021CC0690	00026707	Maggiorato tipo B	RB 75020	30,0 *1.181*	40,0 *1.575*	30,35 *1.195*	27,0 *1.063*	0,1 *0.2*	90	CC...0602...
A75031CC0990	00026708	Maggiorato tipo B	RB 75030	39,0 *1.535*	51,0 *2.008*	41,4 *1.630*	35,0 *1.378*	0,1 *0.2*	90	CC...09T3...
A75041CC1290	00026709	Maggiorato tipo B	RB 75040	50,0 *1.969*	65,0 *2.559*	46,5 *1.831*	43,0 *1.693*	0,2 *0.4*	90	CC...1204...
A75051CC1290	00026710	Maggiorato tipo B	RB 75050	64,0 *2.520*	86,0 *3.386*	52,6 *2.071*	54,0 *2.126*	0,25 *0.6*	90	CC...1204...
A75061CC1290	00026711	Maggiorato tipo B	RB 75060	85,0 *3.346*	115,0 *4.528*	68,6 *2.701*	70,0 *2.756*	0,6 *1.3*	90	CC...1204...
A75061CC1690	00030774	Maggiorato tipo B	RB 75060	85,0 *3.346*	115,0 *4.528*	68,6 *2.701*	70,0 *2.756*	0,6 *1.3*	90	CC...1605...
A75066CC1290	00026712	Maggiorato tipo B	RB 75060	114,0 *4.488*	144,0 *5.669*	68,6 *2.701*	100,0 *3.937*	1,0 *2.2*	90	CC...1204...
A75066CC1690	00030775	Maggiorato tipo B	RB 75060	114,0 *4.488*	144,0 *5.669*	68,6 *2.701*	100,0 *3.937*	0,91 *2.0*	90	CC...1605...
A75071CC1290	00026713	Maggiorato tipo B	RB 75070	114,0 *4.488*	160,0 *6.299*	81,6 *3.213*	95,0 *3.740*	1,2 *2.7*	90	CC...1204...
A75071CC1690	00030776	Maggiorato tipo B	RB 75070	114,0 *4.488*	160,0 *6.299*	81,6 *3.213*	95,0 *3.740*	1,16 *2.6*	90	CC...1605...
A75076CC1290	00026714	Maggiorato tipo B	RB 75070	159,0 *6.260*	205,0 *8.071*	81,6 *3.213*	141,0 *5.551*	2,0 *4.4*	90	CC...1204...
A75076CC1690	00030778	Maggiorato tipo B	RB 75070	159,0 *6.260*	205,0 *8.071*	81,6 *3.213*	141,0 *5.551*	0,9 *2.0*	90	CC...1605...

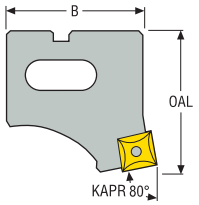
Parti di ricambio, comprese nella fornitura

Per dimensione inserto	Chiave (impugnatura a T)	Chiave	Vite
			
CC...0602...	DOUBLE-T	H4B-T07P	C02504-T07P
CC...09T3...	DOUBLE-T	H6B-T15P	C04008-T15P
CC...1204...	DOUBLE-T	H6B-T15P	C05012-T15P
CC...1605...	DOUBLE-T	H6B-T15P	C05012-T15P
CP...0502...	DOUBLE-T	H4B-T07P	C02245-T07P

Per gli inserti consigliati per la barenatura di sgrossatura, vedere le pagine 608

Portainserto a 80° per inserti SC..





—Per il montaggio sulle teste RB 750
—La barenatura simmetrica richiede due portainserti standard di tipo A.
—La barenatura a gradino richiede un portainserti standard di tipo A e uno esteso di tipo B

Codice di ordinazione	Codice prodotto	Tipologia portainserto	Per testa	Capacità DCN-DCX ∅		OAL	B	Peso	KRINS°	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
A75000SC0580	00026715	Standard tipo A	RB 75000	18,0 *0.709*	24,0 *0.945*	22,5 *0.886*	16,5 *0.650*	0,1 *0.2*	80	SC...0502...
A75010SC0680	00026716	Standard tipo A	RB 75010	23,0 *0.906*	31,0 *1.220*	26,5 *1.043*	21,5 *0.846*	0,1 *0.2*	80	SC...0602...
A75020SC0680	00026717	Standard tipo A	RB 75020	30,0 *1.181*	40,0 *1.575*	30,0 *1.181*	27,0 *1.063*	0,1 *0.2*	80	SC...0602...
A75030SC0980	00026718	Standard tipo A	RB 75030	39,0 *1.535*	51,0 *2.008*	41,0 *1.614*	35,0 *1.378*	0,1 *0.2*	80	SC...09T3...
A75040SC1280	00026719	Standard tipo A	RB 75040	50,0 *1.969*	65,0 *2.559*	45,0 *1.772*	43,0 *1.693*	0,2 *0.4*	80	SC...1204...
A75050SC1280	00051986	Standard tipo A	RB 75050	64,0 *2.520*	86,0 *3.386*	52,0 *2.047*	54,0 *2.126*	0,3 *0.7*	80	SC...1204...
A75060SC1280	00052207	Standard tipo A	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,56 *1.2*	80	SC...1204...
A75060SC1580	00039863	Standard tipo A	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	70,0 *2.756*	0,56 *1.2*	80	SC...1505...
A75065SC1280	00051989	Standard tipo A	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	1,0 *2.2*	80	SC...1204...
A75065SC1580	00039865	Standard tipo A	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	100,0 *3.937*	1,0 *2.2*	80	SC...1505...
A75070SC1280	00026723	Standard tipo A	RB 75070	114,0 *4.488*	160,0 *6.299*	81,4 *3.205*	95,0 *3.740*	1,2 *2.7*	80	SC...1204...
A75070SC1580	00039867	Standard tipo A	RB 75070	114,0 *4.488*	160,0 *6.299*	81,4 *3.205*	95,0 *3.740*	1,18 *2.6*	80	SC...1505...
A75075SC1280	00026724	Standard tipo A	RB 75070	159,0 *6.260*	205,0 *8.071*	81,4 *3.205*	141,0 *5.551*	2,2 *4.9*	80	SC...1204...
A75075SC1580	00039869	Standard tipo A	RB 75070	159,0 *6.260*	205,0 *8.071*	81,4 *3.205*	141,0 *5.551*	2,1 *4.6*	80	SC...1505...
A75001SC0580	00092946	Maggiorato tipo B	RB 75000	18,0 *0.709*	24,0 *0.945*	23,2 *0.913*	16,5 *0.650*	0,01 *0.0*	80	SC...0502...
A75011SC0680	00092947	Maggiorato tipo B	RB 75010	23,0 *0.906*	31,0 *1.220*	27,3 *1.075*	21,5 *0.846*	0,02 *0.0*	80	SC...0602...
A75021SC0680	00092948	Maggiorato tipo B	RB 75020	30,0 *1.181*	40,0 *1.575*	30,9 *1.217*	27,0 *1.063*	0,04 *0.1*	80	SC...0602...
A75031SC0980	00092949	Maggiorato tipo B	RB 75030	39,0 *1.535*	51,0 *2.008*	42,2 *1.661*	35,0 *1.378*	0,08 *0.2*	80	SC...09T3...
A75041SC1280	00092961	Maggiorato tipo B	RB 75040	50,0 *1.969*	65,0 *2.559*	46,4 *1.827*	43,0 *1.693*	0,2 *0.4*	80	SC...1204...
A75051SC1280	00092962	Maggiorato tipo B	RB 75050	64,0 *2.520*	86,0 *3.386*	53,7 *2.114*	54,0 *2.126*	0,3 *0.7*	80	SC...1204...
A75061SC1580	00039864	Maggiorato tipo B	RB 75060	85,0 *3.346*	115,0 *4.528*	70,3 *2.768*	70,0 *2.756*	0,57 *1.3*	80	SC...1505...
A75061SC1280	00092963	Maggiorato tipo B	RB 75060	85,0 *3.346*	115,0 *4.528*	69,8 *2.748*	70,0 *2.756*	0,57 *1.3*	80	SC...1204...
A75066SC1280	00092964	Maggiorato tipo B	RB 75060	114,0 *4.488*	144,0 *5.669*	69,8 *2.748*	100,0 *3.937*	0,96 *2.1*	80	SC...1204...
A75066SC1580	00039866	Maggiorato tipo B	RB 75060	114,0 *4.488*	144,0 *5.669*	70,3 *2.768*	100,0 *3.937*	0,96 *2.1*	80	SC...1505...
A75071SC1280	00092965	Maggiorato tipo B	RB 75070	114,0 *4.488*	160,0 *6.299*	82,8 *3.260*	95,0 *3.740*	1,2 *2.7*	80	SC...1204...
A75071SC1580	00039868	Maggiorato tipo B	RB 75070	114,0 *4.488*	160,0 *6.299*	83,3 *3.280*	95,0 *3.740*	1,21 *2.7*	80	SC...1505...

Codice di ordinazione	Codice prodotto	Tipologia portainserto	Per testa	Capacità DCN-DCX ∅		OAL	B	Peso	KRINS°	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
A75076SC1280	00092968	Maggiorato tipo B	RB 75070	159,0 *6.260*	205,0 *8.071*	82,8 *3.260*	141,0 *5.551*	2,16 *4.8*	80	SC...1204...
A75076SC1580	00039870	Maggiorato tipo B	RB 75070	159,0 *6.260*	205,0 *8.071*	83,3 *3.280*	141,0 *5.551*	2,14 *4.7*	80	SC...1505...

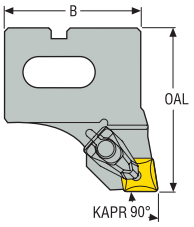
Parti di ricambio, comprese nella fornitura

Per dimensione inserto	Chiave (impugnatura a T)	Chiave	Vite
			
SC...0502...	DOUBLE-T	H4B-T07P	C02245-T07P
SC...0602...	DOUBLE-T	H4B-T07P	C02504-T07P
SC...09T3...	DOUBLE-T	–	C04008-T15P
SC...09T3...	DOUBLE-T	H6B-T15P	C04008-T15P
SC...1204...	DOUBLE-T	H6B-T15P	C05012-T15P
SC...1204...	DOUBLE-T	H6B-T15PL	C05012-T15P
SC...1505...	DOUBLE-T	H6B-T15P	C05012-T15P

Per gli inserti consigliati per la barenatura di sgrossatura, vedere le pagine 608

Portainserto a 90° per inserti CN..

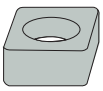
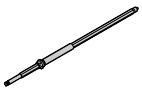




- Per il montaggio sulle teste RB 750
- La barenatura simmetrica richiede due portainserti standard di tipo A (portainserti estesi di tipo B per inserti CN.. non disponibili)
- GAMO = Angolo di spoglia = - 6°
- LAMS = Angolo di inclinazione = - 6°

Codice di ordinazione	Codice prodotto	Tipologia portainserto	Per testa	Capacità DCN-DCX ∅		OAL	B	Peso	KRINS°	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
A75050CN1290	02786307	Standard tipo A	RB 75050	64,0 *2.520*	86,0 *3.386*	63,0 *2.480*	55,0 *2.165*	0,4 *0.9*	90	CN...1204...
A75060CN1290	02786308	Standard tipo A	RB 75060	85,0 *3.346*	115,0 *4.528*	68,0 *2.677*	69,5 *2.736*	0,6 *1.3*	90	CN...1204...
A75065CN1290	02786309	Standard tipo A	RB 75060	114,0 *4.488*	144,0 *5.669*	68,0 *2.677*	99,5 *3.917*	0,9 *2.0*	90	CN...1204...
A75070CN1290	02786310	Standard tipo A	RB 75070	114,0 *4.488*	160,0 *6.299*	85,0 *3.346*	95,0 *3.740*	1,2 *2.7*	90	CN...1204...
A75075CN1290	02786311	Standard tipo A	RB 75070	159,0 *6.260*	205,0 *8.071*	85,0 *3.346*	140,0 *5.512*	2,03 *4.5*	90	CN...1204...

Parti di ricambio, comprese nella fornitura

Per dimensione inserto	Vite per supporto	Kit di bloccaggio	Supporto inserto	Chiave
				
CN...1204...	CSC6312-T15P	CD12-S12	UCN120612	H6B-T15P

Per gli inserti consigliati per la barenatura di sgrossatura, vedere le pagine 608

Istruzioni
Condizioni di lavorazione consigliate

Potenza mandrino:

Poiché la barenatura di sgrossatura richiede l'impiego di macchine ad alta potenza, raccomandiamo di verificare che la macchina sia idonea. La barenatura a gradino è una soluzione per ridurre le esigenze di potenza, poiché l'avanzamento è dimezzato a parità di profondità totale di taglio, rispetto all'impostazione simmetrica.
Le migliori prestazioni si ottengono utilizzando lubrorefrigerante (parametri di lavorazione più elevati, migliore finitura superficiale, migliore evacuazione dei trucioli, maggiore durata dell'inserto).

Per istruzioni dettagliate, fare riferimento alle istruzioni operative fornite con le testine per barenatura e con le barre Steadyline®.
Le istruzioni operative possono anche essere scaricate da www.secotools.com.

Velocità massime per teste per barenatura di sgrossatura

Testa	Capacità ∅ mm	*Capacità ∅ pollici*	Max. num. di giri	Velocità di taglio massima consigliata v_c alla cap. min. m/min *(sf/min)*	Velocità di taglio massima consigliata v_c alla cap. max. m/min *(sf/min)*
Teste per barenatura di sgrossatura (con due portainserti identici regolati simmetricamente), con connessione Graflex®					
A75000	18-24	*0.709-0.945*	15000	848 *(2782)*	1131 *(3711)*
A75010	23-31	*0.906-1.220*	12000	867 *(2844)*	1169 *(3835)*
A75020	30-40	*1.181-1.575*	9500	895 *(2936)*	1194 *(3917)*
A75030	39-51	*1.535-2.008*	7500	919 *(3015)*	1202 *(3944)*
A75040	50-65	*1.969-2.559*	5700	895 *(2936)*	1164 *(3819)*
A75050	64-86	*2.520-3.386*	4500	905 *(2969)*	1216 *(3990)*
A75060	85-115	*3.346-4.528*	3500	935 *(3068)*	1264 *(4147)*
A75060	114-144	*4.488-5.669*	2700	967 *(3173)*	1221 *(4006)*
A75070	114-160	*4.488-6.299*	2500	895 *(2936)*	1257 *(4124)*
A75070	159-205	*6.260-8.071*	2000	999 *(3278)*	1288 *(4226)*
Teste per barenatura di sgrossatura (con due portainserti identici regolati simmetricamente), con connessione Seco-Capto™					
C3-391.0750-30	39-51	*1.535-2.008*	7500	919 *(3015)*	1202 *(3944)*
C4-391.0750-40	50-65	*1.969-2.559*	5700	895 *(2936)*	1164 *(3819)*
C5-391.0750-50	64-86	*2.520-3.386*	4500	905 *(2969)*	1216 *(3990)*
C6-391.0750-60	85-115	*3.346-4.528*	3500	935 *(3068)*	1264 *(4147)*
C6-391.0750-60	114-144	*4.488-5.669*	2700	967 *(3173)*	1221 *(4006)*
C8-391.0750-70	114-160	*4.488-6.299*	2500	895 *(2936)*	1257 *(4124)*
C8-391.0750-70	159-205	*6.260-8.071*	2000	999 *(3278)*	1288 *(4226)*

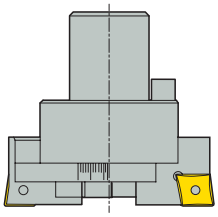
Nota: Le velocità massime dipendono dalla struttura meccanica delle teste di barenatura e dalla qualità di equilibratura. Le velocità massime sono correlate alla struttura meccanica della testa di barenatura e alla qualità di equilibratura. Le velocità all'interno di questi limiti devono essere scelte in funzione delle altre condizioni di lavorazione, esempio materiale del pezzo da lavorare, tagliente (inserto), lunghezza utensile, mandrino macchina. Alle velocità di circa 8000 giri/min e superiori i portainserti di base e le prolunghe/riduttori devono essere accuratamente equilibrati.

Istruzioni per la risoluzione dei problemi

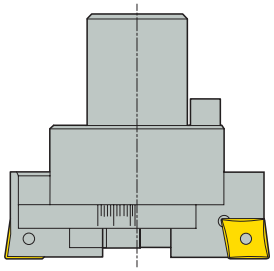
Problema	Possibile causa	Soluzione
Cattivo controllo truciolo	Velocità di avanzamento troppo bassa	Aumentare l'avanzamento
	Eccessiva profondità di taglio	Utilizzare il metodo a gradino
Vibrazioni	Velocità troppo elevata	Ridurre la velocità ma non l'avanzamento
	Rapporto L/D eccessivo	Accorciare l'utensile per aumentarne la rigidità
		Aumentare il diametro esterno dell'albero e degli intermedi di tenuta
		Utilizzare una barra Steadyline
		Utilizzare prolunghe in metallo duro o in metallo pesante
	Raggio dell'inserto troppo ampio	Utilizzare un inserto con raggio inferiore
	Pezzo da lavorare instabile	Migliorare stabilità e staffaggio
	L'angolo di attacco k è di 80°	Cambiare a k =90°, inserto di tipo CC
Scheggiatura o rottura dell'inserto	Inserto non adatto	Utilizzare un inserto di qualità più tenace
		Utilizzare un raggio più ampio, se disponibile
	Taglio fortemente interrotto	Ridurre la velocità e l'avanzamento
	Accumulo di trucioli e ripetizione del taglio	Controllare lo spazio tra barra di barenatura e diametro foro
		Migliorare il controllo del truciolo, aumentare l'avanzamento
Scarsa durata utensile	Inserto non adatto	Utilizzare una qualità più resistente all'usura
	Velocità di taglio troppo elevata	Ridurre la velocità
	Scheggiatura inserto	Controllare profondità di taglio e velocità di avanzamento
	Pressione del refrigerante troppo bassa	Aumentare la pressione del refrigerante
Cattiva evacuazione truciolo	Diametro dell'assemblato troppo grande	Utilizzare una testina più piccola con prolunga, se possibile
	Eccessiva profondità di taglio	Utilizzare il metodo a gradino; preferire inserti CC.. rispetto ad inserti CN.. (in particolare quando si usa la testina per barenatura ai suoi diametri più piccoli).
	Spazio inadeguato dietro al foro	Collocare il pezzo in una posizione più alta sulla tavola
	Cattivo controllo truciolo	Vedere sopra
Potenza macchina insufficiente	Avanzamento eccessivo	Ridurre l'avanzamento (non meno del 25% del raggio inserto)
	Eccessiva profondità di taglio	Utilizzare il metodo a gradino
	Bassa potenza della macchina	Giri/min nell'area con bassa coppia mandrino: aumentare la velocità di taglio
		Giri/min nell'area del cambio: regolare i giri/min
		Passare ad un inserto più positivo (al limite in HSS)
		Ridurre la profondità di taglio
Bava eccessiva nel foro di uscita	Avanzamento eccessivo	Ridurre l'avanzamento
	Portainserti di tipo CC a 90°	Utilizzare portainserti quadrati a 80°
	Forze di taglio troppo elevate	Ridurre la profondità di taglio
		Ridurre il raggio dell'inserto

RB 610 Teste per barenatura di sgrossatura – Panoramica

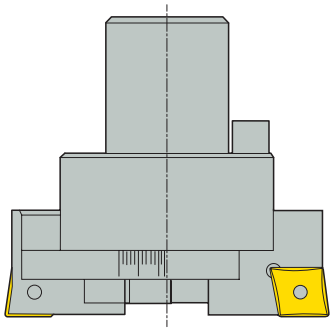
Connessione Graflex®



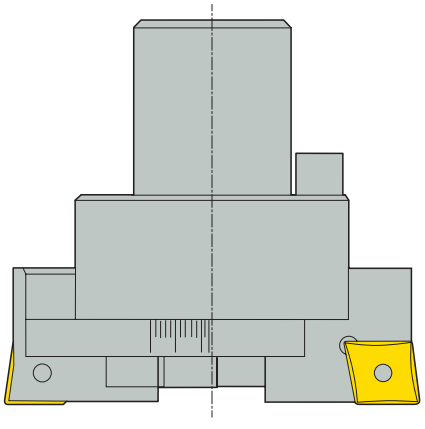
Ø 39–51 mm *(Ø 1.535–2.008")*



Ø 50–65 mm *(Ø 1.969–2.559")*

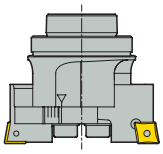


Ø 64–86 mm *(Ø 2.520–3.386")*

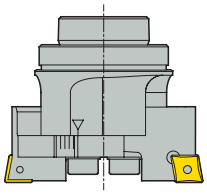


Ø 85–115 mm *(Ø 3.346–4.528")*

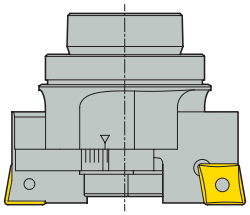
Connessione GL



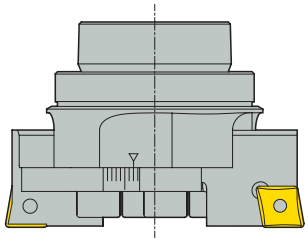
Ø 28–37 mm *(Ø 1.102–1.457")*



Ø 36–46 mm *(Ø 1.417–1.811")*

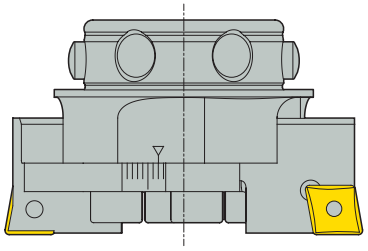


Ø 45–56 mm *(Ø 1.772–2.205")*

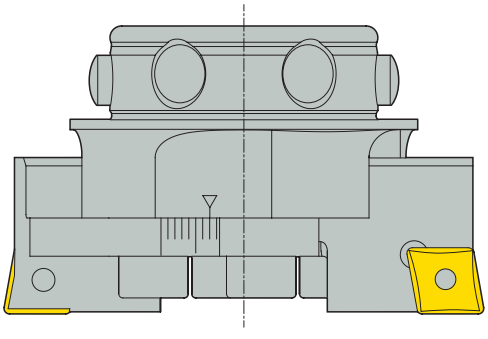


Ø 55–69 mm *(Ø 2.165–2.717")*

Connessione BA



Ø 66–88 mm *(Ø 2.598–3.465")*



Ø 86–116 mm *(Ø 3.386–4.567")*

Testine RB 610 per barenatura di sgrossatura – Guida

Caratteristiche

– Un assemblato testina per barenatura di sgrossatura è costituito da 1 corpo (testina) e 2 portainserti
– Precisione del foro geometrico ottenuta a partire da fusione, taglio a fiamma o foratura
– Squilibrio minimo grazie a un design simmetrico

Compattezza

– Disegno compatto per massimizzare la rigidità dell'assemblato di barenatura e per consentire il miglior smorzamento delle vibrazioni quando usate su barre Steadyline® di tornitura e barenatura
– Peso ridotto per un più rapido cambio utensile e per una maggiore accelerazione del mandrino

Sistema di regolazione intuitivo e rapido

– Ciascun portainserto è caratterizzato da un meccanismo di regolazione "push and pull" che permette una regolazione del diametro facile e veloce, utilizzando un presetting
– L'indicatore del diametro visualizza la posizione del portainserto

Portainserti

– I portainserti A610…CC… per inserti romboidali hanno un angolo di attacco di 90°, angolo di taglio di 0° ed angolo di inclinazione di 0°
– I portainserti sono adatti sia alle testine per barenatura RB 610 Graflex® che alle unità di taglio di barenatura RB 610 GL

Produttività

– Alta rigidità grazie al contatto perfetto tra portainserto e corpo dell'unità di taglio di barenatura, reso possibile dalla pressione uniforme applicata dalla grande superficie di contatto delle viti
– Possibilità di ottenere una profondità di passata ap fino a metà dello spessore dell'inserto, massimizzando l'asportazione di truciolo e permettendo un utilizzo completo degli inserti
– Barenatura a gradino utilizzando uno spessore (fornito con la testina) su di un portainserto in modo da aumentare o suddividere l'impegno radiale
– Adduzione refrigerante interna diretta al tagliente

Gamma prodotti

– Le testine per barenatura di sgrossatura RB 610 sono disponibili con connessione Graflex® lato macchina, per operazioni di barenatura convenzionali fino a sporgenze 6xD,
– le testine per barenatura di sgrossatura RB 610 con connessioni lato macchina GL e BA sono progettate per sporgenze più lunghe con assemblati per smorzamento delle vibrazioni Steadyline®.

RB 610 Graflex®



– Graflex®: 4 testine compatte per barenatura di sgrossatura per ∅ da 39 a 115 mm *(Ø da 1,535 a 4,528")*
– Il flessibile sistema modulare Graflex® consente di costruire assemblati di barenatura ottimali a partire da adattatori, moduli intermedi e testine per barenatura Graflex®

RB 610 GL e BA, per barre Steadyline® con smorzamento delle vibrazioni



GL



BA

– GL: 4 testine corte e compatte per barenatura di sgrossatura per Ø da 28 a 69 mm *(Ø 1,102–2,717")*
– BA: 2 testine corte e compatte per barenatura di sgrossatura per Ø da 66 a 116 mm *(Ø da 2,598 a 4,567")*
– Particolarmente adatte per barre di tornitura e barenatura Steadyline®. Le prestazioni in barenatura, quando usate su barre lunghe Steadyline®, sono simili a quelle degli assemblati più corti non antivibranti (<6xD).

Testine RB 610 per barenatura di sgrossatura – Guida

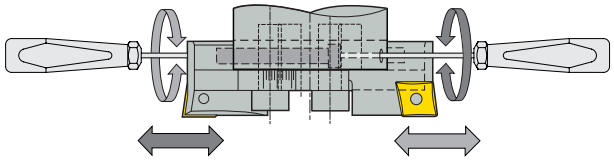
Regolazione della barenatura simmetrica:

La barenatura simmetrica si ottiene quando entrambi i taglienti sono regolati sullo stesso diametro e sulla stessa altezza.

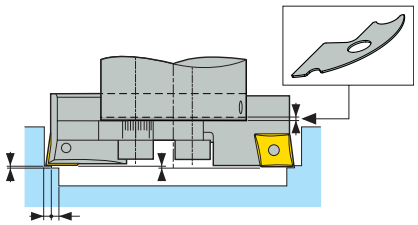
Impostazione barenatura sfalsata (a gradino):

La barenatura a gradino si ottiene quando un tagliente sfalsato opera come tagliente di imbocco (entra nel foro per primo) su un diametro minore rispetto ad un secondo tagliente regolato sul diametro da ottenere: Richiede uno spessore (fornito con la testina per barenatura) da utilizzare tra il corpo della testina ed il portainserto, per ottenere la sfalsatura assiale richiesta (+); vedere la tabella qui sotto.

Codice di ordinazione supporto	Spessore (mm)	*Spessore (pollici)*
AU6101003	0,2	*0.008*
AU6103003	0,4	*0.016*
AU6104003	0,5	*0.020*
AU6105003	0,6	*0.024*
AU6106003	0,6	*0.024*

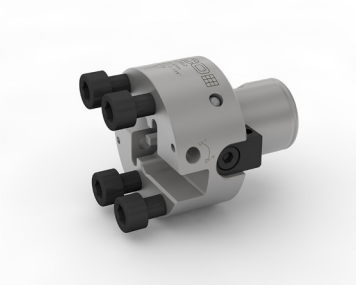


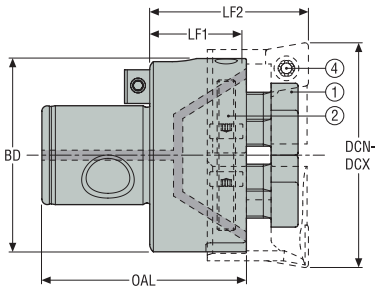
Configurazione barenatura simmetrica



Configurazione barenatura a gradino

RB610
Graflex®





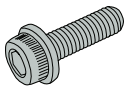
—Sono possibili la barenatura simmetrica e quella a gradino
—Meccanismo per la regolazione di ogni singolo portainserti
—Adduzione interna di refrigerante verso il tagliente

1. Vite di assemblaggio e chiave di bloccaggio
2 & 4. Chiave per inserto da usare per la regolazione del diametro e per il serraggio della vite

Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Max. num. di giri*
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
A61030	02904453	G3	39,0 *1.535*	51,0 *2.008*	43,5 *1.713*	23,5 *0.925*	36,4 *1.433*	34,0 *1.339*	0,2 *0.4*	7500
A61040	02904454	G4	50,0 *1.969*	65,0 *2.559*	45,5 *1.791*	21,5 *0.846*	35,3 *1.390*	43,0 *1.693*	0,3 *0.7*	5700
A61050	02904455	G5	64,0 *2.520*	86,0 *3.386*	55,0 *2.165*	25,0 *0.984*	42,3 *1.665*	54,0 *2.126*	0,7 *1.5*	4500
A61060	02904457	G6	85,0 *3.346*	115,0 *4.528*	69,0 *2.717*	29,0 *1.142*	47,8 *1.882*	63,0 *2.480*	1,0 *2.2*	3500

I portainserti devono essere ordinati a parte, vedere le pagine 520
* Per ulteriori informazioni sul numero massimo di giri al minuto, vedere le pagine di istruzioni. Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Spessore per barenatura a gradino	Tenone
			
A61030	950DC0616	AU6103003	90M31
A61040	950D0616	AU6104003	90M41
A61050	950D0820	AU6105003	90M51
A61060	950D0822	AU6106003	90M61

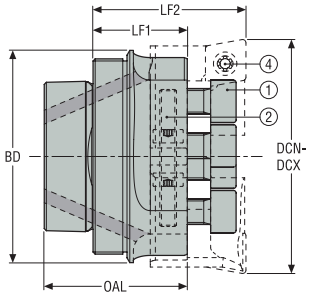
Accessori

Per testa	Chiave per vite staffa	Chiave (impugnatura a T)
		
A61030	03HL05	DOUBLE-T
A61040	03HL05	DOUBLE-T
A61050	03HL06	DOUBLE-T
A61060	03HL06	DOUBLE-T

RB610 – Tipo compatto

GL





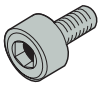
—Per barre di tornitura e barenatura Steadyline® GL25, GL32, GL40 e GL50
—Sono possibili la barenatura simmetrica e quella a gradino
—Meccanismo per la regolazione di ogni singolo portainserti
—Adduzione interna di refrigerante verso il tagliente

1. Vite di assemblaggio e chiave di bloccaggio
2 & 4. Chiave per inserto da usare per la regolazione del diametro e per il serraggio della vite

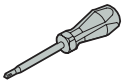
Codice di ordinazione	Codice prodotto	Lato macchina Dimensione GL	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Max. num. di giri*
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
GL25-RB610-10	03307854	GL25	28,0 *1.102*	37,0 *1.457*	21,7 *0.854*	16,2 *0.638*	25,0 *0.984*	25,0 *0.984*	0,1 *0.2*	9500
GL32-0610-20	02904458	GL32	36,0 *1.417*	46,0 *1.811*	27,6 *1.087*	21,1 *0.831*	32,0 *1.260*	32,0 *1.260*	0,1 *0.2*	7500
GL40-0610-30	02904459	GL40	45,0 *1.772*	56,0 *2.205*	31,6 *1.244*	22,1 *0.870*	35,0 *1.378*	40,0 *1.575*	0,2 *0.4*	5700
GL50-0610-40	02904460	GL50	55,0 *2.165*	69,0 *2.717*	33,7 *1.327*	22,2 *0.874*	36,0 *1.417*	50,0 *1.969*	0,3 *0.7*	4500

I portainserti devono essere ordinati a parte, vedere le pagine 520
* Per ulteriori informazioni sul numero massimo di giri al minuto, vedere le pagine di istruzioni. Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Spessore per barenatura a gradino
		
GL25-0610-10	950D0410	AU6101003
GL32-0610-20	950DC0412	AU6102003
GL40-0610-30	950DC0616	AU6103003
GL50-0610-40	950D0616	AU6104003

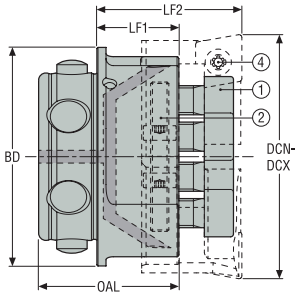
Accessori

Per testa	Chiave per vite staffa	Chiave per vite inserto	Chiave (impugnatura a T)
			
GL25-0610-10	03HL03	T07P-3	–
GL32-0610-20	03HL03	H4B-T07P	DOUBLE-T
GL40-0610-30	03HL05	–	DOUBLE-T
GL50-0610-40	03HL05	–	DOUBLE-T

RB610

BA





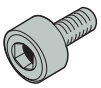
—Progettate per barre Steadyline® BA60 e BA80 per tornitura e barenatura
—Sono possibili la barenatura simmetrica e quella a gradino
—Meccanismo per la regolazione di ogni singolo portainserti
—Adduzione interna di refrigerante verso il tagliente

1. Vite di assemblaggio e chiave di bloccaggio
2 & 4. Chiave per inserto da usare per la regolazione del diametro e per il serraggio della vite

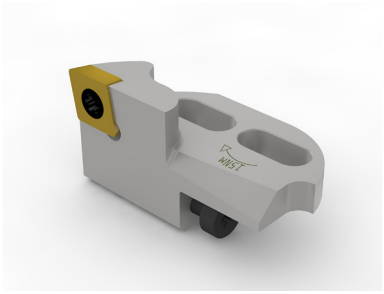
Codice di ordinazione	Codice prodotto	Lato macchina Dimensione BA	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Max. num. di giri*
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
BA060-RB610-50	03204092	BA060	66,0 *2.598*	88,0 *3.465*	38,5 *1.516*	22,5 *0.886*	39,8 *1.567*	60,0 *2.362*	0,7 *1.5*	4000
BA080-RB610-60	03204093	BA080	86,0 *3.386*	116,0 *4.567*	44,5 *1.752*	22,5 *0.886*	41,3 *1.626*	80,0 *3.150*	1,2 *2.7*	3000

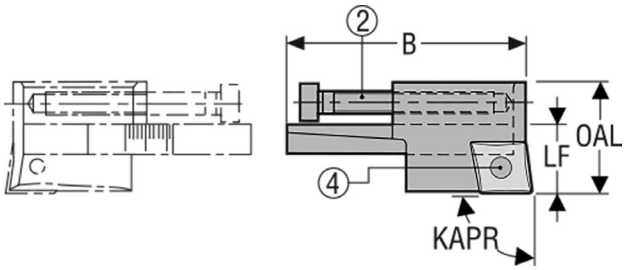
I portainserti devono essere ordinati a parte, vedere le pagine 520
* Per ulteriori informazioni sul numero massimo di giri al minuto, vedere le pagine di istruzioni. Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

Per testa	Chiave per vite staffa	Vite staffa	Chiave (impugnatura a T)	Spessore per barenatura a gradino
				
BA060-RB610-50	03HL06	950D0820	DOUBLE-T	AU6105003
BA080-RB610-60	03HL06	950D0822	DOUBLE-T	AU6106003

Portainserti



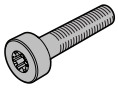


—Per teste di barenatura RB 610 con connession Graflex®, GL o BA

2. Vite di regolazione
4. Vite di bloccaggio inserto

Codice di ordinazione	Codice prodotto	Per testa	Lato utensile Capacità DCN-DCX Ø		OAL	LF	B	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
A61010CC0690	03307856	RB 61010	28,0 *1.102*	37,0 *1.457*	4,7 *0.185*	8,8 *0.346*	21,75 *0.856*	0,1 *0.2*
A61020CC0690	02971268	RB 61020	36,0 *1.417*	46,0 *1.811*	17,6 *0.693*	10,9 *0.429*	26,0 *1.024*	0,1 *0.2*
A61030CC0990	02904461	RB 61030	39,0 *1.535*	56,0 *2.205*	21,6 *0.850*	12,9 *0.508*	33,0 *1.299*	0,1 *0.2*
A61040CC0990	02904462	RB 61040	50,0 *1.969*	69,0 *2.717*	22,5 *0.886*	13,8 *0.543*	43,8 *1.724*	0,1 *0.2*
A61050CC1290	02904463	RB 61050	64,0 *2.520*	86,0 *3.386*	12,0 *0.472*	17,3 *0.681*	57,4 *2.260*	0,2 *0.4*
A61060CC1290	02904464	RB 61060	85,0 *3.346*	115,0 *4.528*	30,5 *1.201*	18,8 *0.740*	75,0 *2.953*	0,2 *0.4*

Parti di ricambio, comprese nella fornitura

Per portainserto	Vite di bloccaggio inserto	Vite di regolazione
		
A61010CC0690	C02504-T07P	–
A61020CC0690	C02504-T07P	19A61020
A61030CC0990	C04008-T15P	19A61030
A61040CC0990	C04008-T15P	19A61040
A61050CC1290	C05012-T15P	19A61050
A61060CC1290	C05012-T15P	19A61060

Per gli inserti consigliati per la barenatura di sgrossatura, vedere le pagine 608
Nota: Una chiave per il serraggio della vite inserto è fornita con le unità RB 610.

Testine RB 610 per barenatura di sgrossatura – Istruzioni

Coppie di serraggio raccomandate. Massimo avanzamento al giro nella barenatura a gradino.

Testine RB 610 per barenatura, dimensione	30	40	50	60
Coppia di serraggio della vite per il bloccaggio dei portainserti (Nm)	2 x 25	4 x 25	4 x 40	4 x 40
Avanzamento f massimo in barenatura a gradino (mm/giro) *(pollici/giro)*	0,4 *(0,016")*	0,5 *(0,020")*	0,6 *(0,024")*	0,6 *(0,024")*

Condizioni di lavorazione consigliate potenza del mandrino:

Poiché la barenatura di sgrossatura richiede l'impiego di macchine ad alta potenza, raccomandiamo di verificare che la macchina sia idonea. La barenatura a gradino è una soluzione per ridurre le esigenze di potenza, poiché l'avanzamento è dimezzato a parità di profondità totale di taglio, rispetto all'impostazione simmetrica. Le migliori prestazioni si ottengono utilizzando lubrorefrigerante (parametri di lavorazione più elevati, migliore finitura superficiale, migliore evacuazione dei trucioli, maggiore durata dell'inserto).

Per istruzioni dettagliate, fare riferimento alle istruzioni operative fornite con le testine per barenatura e con le barre Steadyline®. Le istruzioni operative possono anche essere scaricate da www.secotools.com.

Velocità massime per testine RB 610 per barenatura di sgrossatura

NOTA! Le velocità massime mostrate sulle pagine prodotto dipendono dalla struttura meccanica delle testine per barenatura e dalla qualità di equilibratura.

Le velocità all'interno di questi limiti devono essere scelte in funzione delle altre condizioni di lavorazione, ad esempio materiale da lavorare, geometria del tagliente, lunghezza utensile, mandrino macchina.

Nelle applicazioni di barenatura con barre Steadyline®, non superare mai le massime velocità di rotazione delle barre stesse: Vedere le istruzioni operative fornite con le barre Steadyline® di tornitura e barenatura.



Barenatura di finitura

Le gamme (entro la tolleranza IT5) di prodotti per barenatura di finitura Seco, consentono di eseguire regolazioni di precisione nell'ordine dei micron e ottenere finiture superficiali di Ra <1 (RMS 44 micropollici / senza). Con una costante attenzione a resistenza e rigidità, questi prodotti consentono di rispettare con facilità anche le specifiche più rigorose. Le soluzioni di smorzamento delle vibrazioni Steadyline™ completano la gamma per offrire livelli ancora più elevati di stabilità per la lavorazione di cavità profonde, dove sono necessarie lunghe sporgenze dell'utensile.

- Le testine per barenatura di finitura FB 760 Axiabore sono progettate per la finitura di fori di piccolo diametro.
- Ora la nostra serie di teste Axiabore™ per barenatura di finitura include anche la versione digitale, che facilita la vita dell'operatore e riduce la frequenza degli errori umani. La versione digitale facilita e velocizza le operazioni di setup in maniera affidabile ed efficiente su lavorazioni di alta precisione.
- Le testine per barenatura di finitura radiale FB 620/780/790 sono progettate per offrire le migliori geometrie del foro su diametri maggiori (fino a 205 mm).

Panoramica



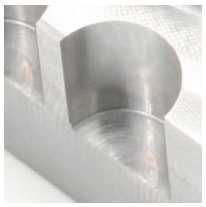




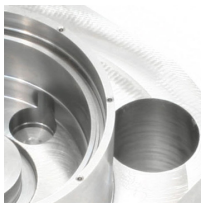
Tornitura esterna



Scanalatura

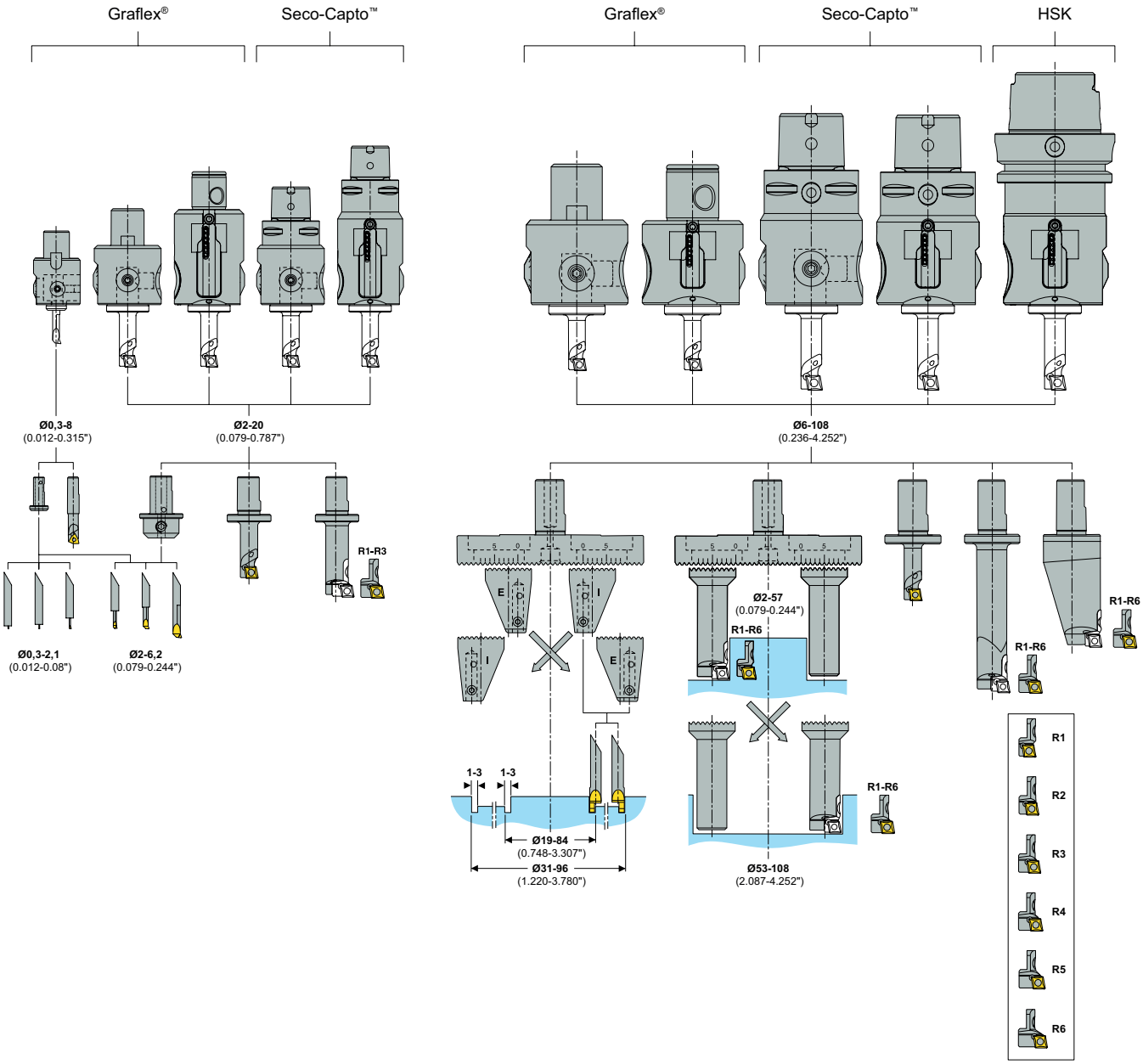


Barenatura per taglio interrotto



Barenatura

Panoramica


Graflex®
Seco-Capto™
Graflex®
Seco-Capto™
HSK
Ø0,3-8
(0.012-0.315")
Ø2-20
(0.079-0.787")
Ø6-108
(0.236-4.252")
R1-R3
Ø0,3-2,1
(0.012-0.08")
Ø2-6,2
(0.079-0.244")
E
I
Ø2-57
(0.079-0.244")
R1-R6
R1-R6
R1-R6
1-3
1-3
Ø19-84
(0.748-3.307")
Ø31-96
(1.220-3.780")
R1-R6
Ø53-108
(2.087-4.252")
R1
R2
R3
R4
R5
R6

Teste di barenatura di finitura digitali di tipo assiale

Le teste di finitura assiali digitali offrono risultati eccellenti per le operazioni di barenatura (IT5 raggiungibile). L'utilizzo del nonio analogico è sostituito da un display digitale universale rimovibile: utilizzando il nonio di una testa analogica convenzionale può risultare difficile regolare il diametro in macchina. Con l'ampio display della serie FB 760 D è possibile effettuare questa operazione in maniera comoda e affidabile.

La serie FB 760 D rivoluziona il mondo della barenatura, in quanto elimina la necessità di una regolazione al presetting: tutte le operazioni di regolazione vengono effettuate direttamente sulla macchina, utilizzando il controller digitale.

Utensili per barenatura, stelo in metallo duro integrale Ø 4 mm (Ø 0,1574") per i diametri più piccoli Ø 2–108 mm (Ø 0,079–4,252"), angolo di attacco 98°. Gli utensili hanno all'estremità (lato macchina) un piano inclinato per l'orientamento del tagliente conforme agli standard ISO.

Custodia
Il display digitale viene fornito in una scatola esclusiva e sostenibile utile per riporre o caricare il controller.



Caratteristiche

Display digitale universale, per teste di barenatura di finitura FB 760 D.
Il controller digitale può essere utilizzato per tutta la gamma delle teste di barenatura digitali.
Dotato di un ampio display, permette di leggere facilmente il diametro in mm o in pollici.

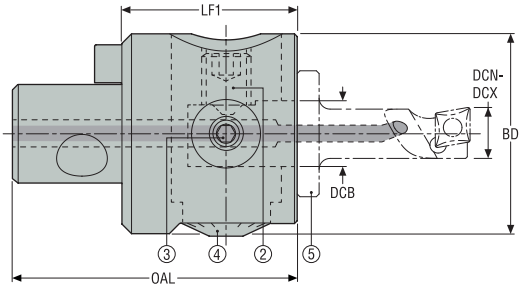
Il display digitale è stato progettato per semplificarti la vita:
- Display luminoso per facilitare la lettura - risoluzione di 1 µm
- Un sistema intuitivo e semplice da usare, con cui è facile passare dalla modalità assoluta a quella relativa (misura in mm e pollici),
- Controller autobloccante: Una volta collegato alla testa di barenatura, il controller rimane in posizione e consente all'operatore di utilizzare entrambe le mani per eseguire l'impostazione del diametro.
- Il controller digitale può essere utilizzato per tutta la gamma delle teste di barenatura digitali Fornito con un cavo USB, il controller digitale può essere alimentato dalla porta USB della macchina o del computer.



FB 760 – Teste di tipo Axiabore™, non equilibrabili

Graflex®





–Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)
–Axiabore™ Plus – Consente la barenatura, la tornitura esterna e la scanalatura frontale

3. Vite di bloccaggio
4. Vite di regolazione micrometrica
2. Vite di assemblaggio
5. Utensile

Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	BD	DCB	Peso	*	Max velocità operativa**	
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		Max. num. di giri**	Max. m/min**
A76001	02462575	G2	0,3 *0.012*	8,0 *0.315*	41,0 *1.614*	25,0 *0.984*	25,0 *0.984*	6,0 *0.236*	0,2 *0.4*		30000	1500
A76002	02594930	G3	2,0 *0.079*	20,0 *0.787*	52,0 *2.047*	32,0 *1.260*	36,5 *1.437*	12,0 *0.472*	0,4 *0.9*		12000	1500
A76003	02594935	G5	6,0 *0.236*	108,0 *4.252*	75,0 *2.953*	45,0 *1.772*	54,0 *2.126*	16,0 *0.630*	0,9 *2.0*	*	8000	1000

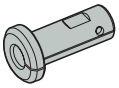
Nota: Il peso è senza portainserto

Per gli utensili, vedere le pagine 536-538

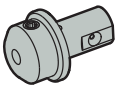
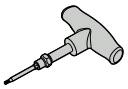
*Capacità - Axiabore™ Plus - testa di barenatura 6-108 mm (0,236-4,252") , tornitura esterna 2-57 mm (0,079-2,244"), scanalatura frontale 19-96 mm (0,748-3,780").
*Massimo 5000 giri al minuto quando si utilizza MPA.

**La velocità massima, a seconda di quale viene raggiunta per prima, senza superarla.

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio	Sealing Screws	Tirante	Tenone
							
A76001	–	DOUBLE-T	H4B-H2.0	19M4001A	950A0406	05A7600604	90M21
A76002	AU7601212	–	03M03C	19A71030	–	–	90M3A
A76003	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125	–	–	90M5A

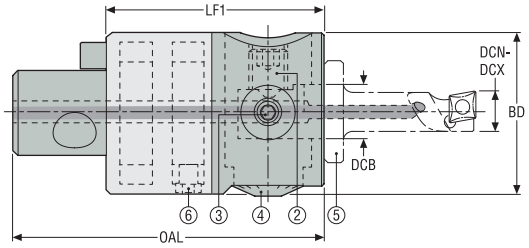
Accessori

Per testa	Tirante	Chiave dinamometrica per viti di bloccaggio dell'anello di equilibratura	Chiave dinamometrica per viti di bloccaggio e di assemblaggio
			
A76001	–	–	H00-2009
A76002	05A7601204	–	H00-3030
A76003	–	H00T-4060	–

FB 760 – Teste di tipo Axiabore™, equilibrabili

Graflex®





6. Vite di bloccaggio 2
3. Vite di bloccaggio 1
4. Vite di regolazione micrometrica
2. Vite di assemblaggio
5. Utensile

- Sistema di equilibratura integrato LibraOne basato su un unico anello di regolazione dell'equilibratura
- Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)

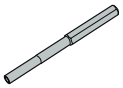
Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	BD	DCB	Peso	*	Max velocità operativa**	
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		Max. num. di giri**	Max. m/min**
A76013	02594943	G5	6,0 *0.236*	33,0 *1.299*	95,0 *3.740*	65,0 *2.559*	54,0 *2.126*	16,0 *0.630*	1,2 *2.7*	*	20000	1500

Nota: Il peso è senza portainserto

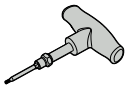
Per gli utensili, vedere le pagine 536-538

*Capacità - Axialibrabore™ Plus - testa equilibrabile.
**La velocità massima, a seconda di quale viene raggiunta per prima, senza superarla.

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio 1	Vite di bloccaggio 2	Tenone
						
A76013	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125	AU7601318	90M5A1

Accessori

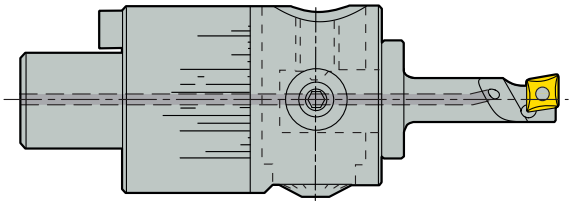
Per testa	Chiave dinamometrica per viti di bloccaggio dell'anello di equilibratura	Chiave dinamometrica per viti di bloccaggio e di assemblaggio
		
A76013	H00-4020-60	H00T-4060

Testine Axiabore™ per barenatura di finitura per fori di ∅ da 0,3 a 108 mm (0,012-4,252")

Scelta testa di tipo Axiabore™	Capacità ∅ mm	*Capacità ∅ pollici*	HSM / Velocità massime	Digitale	Equilibrabili	Geometria del foro	Produttivo ed economico
Nanobore™ (dimensione 1)	0,3-8	*0.012–0.315"*	30000 Giri al minuto			■■	■■
Axiabore™ (dimensione 2)	2-20	*0.079–0.787"*	12000 Giri al minuto			■	■■
Teste digitali Axiabore™ (dimensione 2)	2-20	*0.079–0.787"*	12000 Giri al minuto	✓		■	■■
Axiabore™ Plus (dimensione 3)	6-108	*0.236–4.252"*	8000* Giri al minuto oppure 1000 m/min			■	■■■
Teste digitali Axiabore™ Plus (dimensione 3)	6-108	*0.236–4.252"*	8000* Giri al minuto oppure 1000 m/min	✓		■	■■■
Axialibrabore™ Plus (dimensione 3)	6-108	*0.236–4.252"*	20000* Giri al minuto oppure 1500 m/min		✓	■■	■

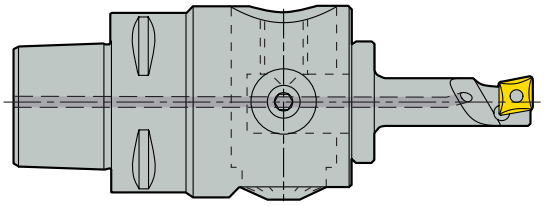
* Massimo 5000 giri al minuto quando si utilizza MPA.

5 le testine Axiabore™ sono disponibili con connessione Graflex®, Seco-Capto™ o HSK-A



Nanobore™ (dimensione 1)
Axiabore™ (dimensione 2)
Teste digitali Axiabore™ (dimensione 2)
Axiabore™ Plus (dimensione 3)
Teste digitali Axiabore™ Plus (dimensione 3)
Axialibrabore™ Plus (dimensione 3)

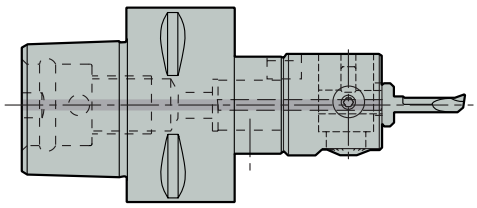
2 testine Axiabore™ per barenatura di finitura FB 760 con connessione Seco-Capto™ per fori: Ø 2–108 mm *(0,079–4,252")*



Axiabore™ – C3-391.0760-02
Axiabore™ Plus – C5-391.0760-03
Teste digitali Axiabore™ – C3-391.FB760-02-D
Teste digitali Axiabore™ Plus – C5-391.FB760-03-D

NOTA! Le testine per barenatura di finitura Seco-Capto™ possono barenare fori di ∅ minimo 2 mm *(0,079")*, con la più piccola dimensione Seco-Capto™ C3. Per ∅ da 0,3 a 8 mm *(0,012-0,315")* usare una testina per barenatura Nanobore™ con dimensione di connessione G2, insieme all'appropriato adattatore Seco-Capto™/Graflex®.

Adattatore Seco-Capto™ e testina Graflex®: Ø 0,3–8 mm *(0,012–0,315")*



Adattatori ed estensioni modulari Graflex® e Seco-Capto™: consultare il catalogo Tooling Systems (Sistemi di Utensili).

NOTA! Caratteristiche, istruzioni (procedura di montaggio dell'utensile, impostazione del diametro, procedura di assemblaggio MPA (adattatore multi-uso), velocità massime, velocità di taglio consigliate, risoluzione dei problemi), portainserti ed inserti sono simili per entrambe le tipologie di testine per barenatura di finitura FB 760, a parità di capacità di barenatura, indipendentemente dal tipo di connessione.

Display digitale per teste di barenatura di finitura digitali



Utensili di barenatura

Nota! Sulle pagine prodotto è indicato chiaramente quali utensili sono idonei a quale testina.

Utensili per barenatura, stelo in carburo integrale Ø 4 mm *(Ø 0,1574")* per i diametri più piccoli Ø 0,3–6,2 mm *(Ø 0,012–0,244")*, angolo di incidenza 98°. Richiedere bussole di riduzione da inserire nelle testine Nanobore™ e Axia(libra)bore™. Gli utensili hanno all'estremità (lato macchina) un piano inclinato per l'orientamento del tagliente conforme agli standard ISO.

Barre di barenatura, ad inserto Ø 6, 12 o 16 mm *(Ø 0,236, 0,472, 0,630")* per Ø 6–13 mm *(Ø 0,236–0,512")*, in "acciaio" per utensili corti, in "metallo duro" per utensili lunghi. Per inserti WB..0301.. o CC..0602.. e angolo di attacco di 90°. Montaggio diretto sulle testine. Il piano di bloccaggio consente l'orientamento del tagliente conformemente agli standard ISO.

Barre di barenatura, modulari composte da uno "stelo" e da un "portainserto" per Ø 13–63 mm *(Ø 0,512–2,480")*. Steli Ø 12 o 16 mm *(Ø 0,472, 0,630")* in "acciaio" per utensili corti, "metallo duro" per utensili lunghi e "leggeri/in alluminio" per i diametri più grandi. Montaggio diretto sulle testine.

Sei portainserti per inserti CC..0602.. e angolo di attacco di 90°, compatibili con tutti gli steli per ottenere un'ampia capacità di barenatura con lo stesso stelo.







Adattatore multi-uso (MPA)

MPA per la barenatura e la tornitura esterna, nonché scanalatura frontale sulla testina Axiabore™ Plus. L'MPA e gli utensili sono dotati di un'interfaccia dentellata, per un orientamento preciso e incrementi di posizionamento di 2,5 mm sul diametro *(0,098")*. Ugello refrigerante incluso.

Selezionare i componenti per costruire un utensile di tipo adattatore multi-uso nella specifica tabella di selezione MPA. Vedere dettagli assemblato nel capitolo dedicato alle istruzioni.

Comporre un assemblato di barenatura o di tornitura esterna.
Sia gli assemblati di barenatura sia quelli per la tornitura esterna utilizzano lo stesso stelo dotato di un portainserto e di un contrappeso. Assemblati di barenatura: selezionare il portainserto appropriato da assemblare sullo stelo del gruppo di barenatura/tornitura esterna, utilizzando la tabella di selezione del portautensile "Barenatura con MPA" (parte delle pagine prodotto seguenti).

Assemblato tornitura esterna: selezionare il portainserto appropriato da assemblare sullo stelo del gruppo di barenatura/tornitura esterna, utilizzando la tabella di selezione del portautensile "Tornitura esterna con MPA" (parte delle pagine prodotto seguenti). Vedere dettagli assemblato nel capitolo dedicato alle istruzioni.

Costruzione di un assemblato per scanalatura

Un gruppo scanalato richiede:

- Un paio di portautensili di scanalatura (uno E="Esterno" e uno I="Interno")
- Un utensile di scanalatura "contro il centraggio" o "contro il foro". Quando la scanalatura non è contro la parete di un centraggio né contro la parete di un foro, sono adatti entrambi i tipi di utensili. Vedere la tabella di selezione "Utensili di scanalatura per scanalatura con MPA".





Caratteristiche

Testina Nanobore™, codice di ordinazione A76001



Testina ultrapiccola per barenatura di finitura Ø 0,3–8 mm *(Ø 0,012–0,315")*:
Diametro esterno 25 mm *(0,984")*, lunghezza 25 mm *(0,984")*, con connettore Graflex ® misura G2, attacco utensile Ø 6 mm *(Ø 0,236")*.
Velocità di funzionamento fino a 30.000 giri/min per lavorazioni ad alte prestazioni di diametri molto piccoli.

La bussola di riduzione 6–4 mm *(0,236–0,157")* con il piano e la spina di orientamento per l'utensile integrale è inclusa nella fornitura.

Risoluzione dell'impostazione del diametro: 2,5 µm (*0,0001"*)

Testina Axiabore™, codice di ordinazione A76002





Testine piccole per barenatura di finitura Ø 2–20 mm *(Ø 0,079–0,787")*:
Diametro esterno 36,5 mm *(1,401")*, lunghezza 32 mm *(1,260")*, con collegamento Graflex ® di dimensioni G3 e Seco-Capto™ di misura C3, attacco utensile Ø 12 mm *(Ø 0,472")*. Queste dimensioni della testina sono ottimizzate per fori di difficile accesso.

La bussola di riduzione 12-4 mm *(0,472-0,157")* con il piano e la spina di orientamento per l'utensile integrale è inclusa nella fornitura.

NOTA! Possono anche essere montati utensili più piccoli da Nanobore™ 0,3–2,1 mm *(0,012–0,083")*, ma la velocità di lavorazione sarà limitata a 12.000 giri/ min: è preferibile usare la testina Nanobore®.

Risoluzione dell'impostazione del diametro: 2,5 µm (*0,0001"*) sul diametro per teste analogiche, 1 µm (*0,00004"*) sul diametro per teste digitali

Testina Axiabore™ Plus, codici di ordinazione A76003 e C5-391.0760-03







Testine multi-uso per barenatura di finitura Ø 6–108 mm *(Ø 0,236–4,252")*, tornitura esterna Ø 2–57 mm *(Ø 0,079–2,244")* e scanalatura Ø 19–96 mm *(Ø 0,748–3,780")*.
Diametro esterno 54 mm *(Ø 2,126")*, lunghezza 45 mm *(Ø 1,772")*, con connessione Graflex® di misura 5 e Seco-Capto™ di misura 5, raccordo utensile Ø 16 mm *(Ø 0,630")*.
Utensili idonei: tutti gli utensili con stelo Ø 16 mm *(Ø 0,630")*, per montaggio diretto sulle testine.

Questa testina può montare anche l'adattatore multi-uso (MPA) per la barenatura di diametri grandi, per tornitura esterna e per scanalatura assiale.

Risoluzione dell'impostazione del diametro: 2,5 µm (*0,0001"*) sul diametro per teste analogiche, 1 µm (*0,00004"*) sul diametro per teste digitali

Testina Axialibrabore™ Plus - Codice di ordinazione A76013



Testina equilibrabile per barenatura di finitura Ø 6–33 mm *(Ø 0,236–1,299")*:
Stesse caratteristiche della testina Axiabore™ Plus, ma con equilibratura di precisione, lunghezza del corpo 65 mm *(2,559")*.
Con connessione Graflex® dimensione G5.
Le testine con equilibratura di finitura permettono di raggiungere velocità più elevate, fino a 20.000 giri/min o 1.500 m/min (a seconda di quale di questi valori viene raggiunto per primo senza essere superato), migliorano la geometria del foro e riducono le sollecitazioni sul mandrino della macchina.
L'equilibratura "LibraOne" è effettuata impostando l'anello di equilibratura graduato in linea con il segno riportato sulla testina per barenatura (codice di equilibratura dell'utensile usato e diametro da barenare). Non è necessaria alcuna tabella.
L'equilibratura di precisione è possibile solo per gli utensili di barenatura più piccoli con ∅ da 6 a 33 mm *(Ø 0,236–1,299")*.

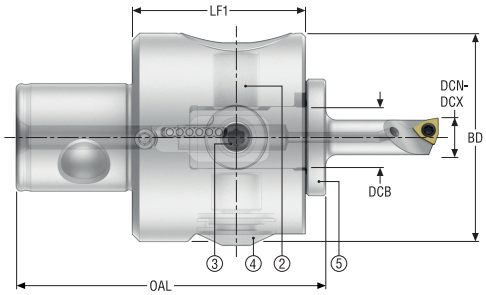
NOTA! Se si utilizza un utensile più grande "Alu" o "MPA" dalla testina Axiabore™ Plus su quella Axialibrabore™ Plus, l'equilibratura di precisione non è possibile e l'anello di equilibratura deve essere impostato sulla posizione di pre-equilibratura della testina (a seconda dell'operazione da eseguire, vedere il capitolo Istruzioni).
La velocità massima diventa la stessa della testina Axiabore™ Plus.

Risoluzione dell'impostazione del diametro: 2,5 µm (*0,0001"*)

Teste digitali Axiabore FB 760 D, non equilibrabili

Graflex®





—Compatibile con il display digitale per visualizzare l'incremento della misura sull'ampio display (il display digitale deve essere ordinato separatamente)
—Axiabore™ Plus – Consente la barenatura, la tornitura esterna e la scanalatura frontale

3. Staffa
4. Vite di regolazione micrometrica
2. Vite di assemblaggio
5. Utensile

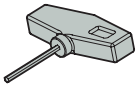
Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	BD	DCB	Peso	Max velocità operativa**	
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	Max. num. di giri**	Max. m/min**
G3-FB760-02-D	10215570	G3	2,0 *0.079*	20,0 *0.787*	70,0 *2.756*	50,0 *1.969*	36,5 *1.437*	12,0 *0.472*	0,5 *1.1*	12000	1500
G5-FB760-03-D	10215571	G5	6,0 *0.236*	108,0 *4.252*	75,0 *2.953*	45,0 *1.772*	54,0 *2.126*	16,0 *0.630*	0,9 *2.0*	8000	1000

Nota: Il peso è senza portainserto

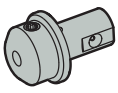
**La velocità massima, a seconda di quale viene raggiunta per prima, senza superarla.

I portainserti e il controller digitale universale devono essere ordinati a parte (vedere le pagine successive).

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio
				
G3	AU7601212	–	03M03C	19A71030
G5	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

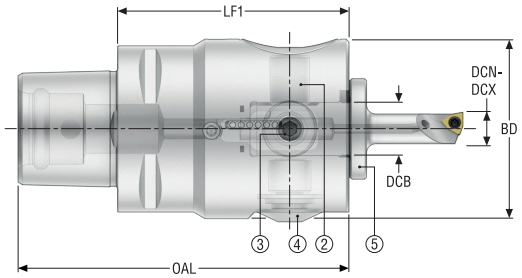
Accessori

Per testa	Display Digitale	Bussola di riduzione	Chiave dinamometrica
			
G3	990FBDD01-Y	05A7601204	H00-3030
G5	990FBDD01-Y	–	H00-3030

Teste digitali Axiabore FB 760 D

Seco-Capto™





—Compatibile con il display digitale per visualizzare l'incremento della misura sull'ampio display (il display digitale deve essere ordinato separatamente)
—Axiabore™ Plus – Consente la barenatura, la tornitura esterna e la scanalatura frontale

3. Staffa
4. Vite di regolazione micrometrica
2. Vite di assemblaggio
5. Utensile

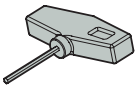
Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Capto	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	BD	DCB	Peso	Max velocità operativa**	
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	Max. num. di giri**	Max. m/min**
C3-391.FB760-02-D	10215575	C3	2,0 *0.079*	20,0 *0.787*	89,0 *3.504*	70,0 *2.756*	36,5 *1.437*	12,0 *0.472*	0,5 *1.1*	12000	1500
C5-391.FB760-03-D	10215576	C5	6,0 *0.236*	108,0 *4.252*	100,0 *3.937*	70,0 *2.756*	54,0 *2.126*	16,0 *0.630*	1,3 *2.9*	8000	1000

Nota: Il peso è senza portainserto

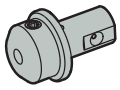
**La velocità massima, a seconda di quale viene raggiunta per prima, senza superarla.

I portainserti e il controller digitale universale devono essere ordinati a parte (vedere le pagine successive).

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio
				
C3	AU7601212	–	03M03C	19A71030
C5	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

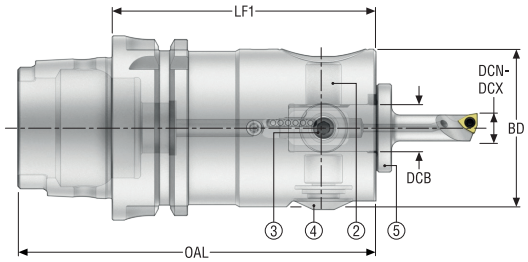
Accessori

Per testa	Display Digitale	Bussola di riduzione	Chiave dinamometrica
			
C3	990FBDD01-Y	05A7601204	H00-3030
C5	990FBDD01-Y	–	H00-3030

FB 760 – Teste di tipo Axiabore™

HSK-A





- Compatibile con il display digitale per visualizzare l'incremento della misura sull'ampio display (il display digitale deve essere ordinato separatamente)
- Axiabore™ Plus – Consente la barenatura, la tornitura esterna e la scanalatura frontale

3. Staffa
4. Vite di regolazione micrometrica
2. Vite di assemblaggio
5. Utensile

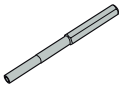
Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	BD	DCB	Peso	Max velocità operativa**	
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	Max. num. di giri**	Max. m/min**
HSKA63-FB760-03-D	10215578	HSK-A63	6,0 *0.236*	108,0 *4.252*	122,0 *4.803*	90,0 *3.543*	54,0 *2.126*	16,0 *0.630*	1,8 *4.0*	8000	1000

Nota: Il peso è senza portainserto

**La velocità massima, a seconda di quale viene raggiunta per prima, senza superarla.

I portainserti e il controller digitale universale devono essere ordinati a parte (vedere le pagine successive).

Parti di ricambio, comprese nella fornitura

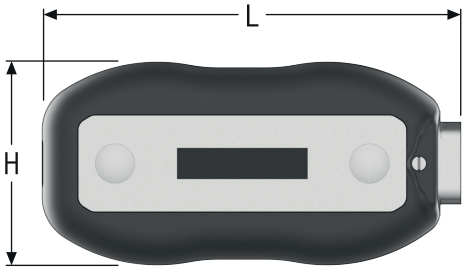
Per testa	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio
				
HSKA	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

Accessori

Per testa	Display Digitale	Chiave dinamometrica
		
HSKA	990FBDD01-Y	H00-3030

Display digitale per teste di barenatura digitali





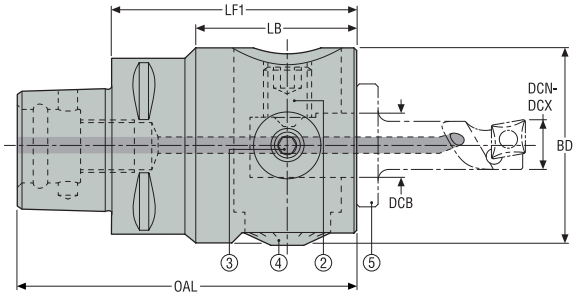
—Display digitale per teste di barenatura di finitura digitali
—Un unico display digitale che può essere utilizzato con tutte le teste di barenatura
—È possibile impostare il diametro in mm o in pollici
—Display reversibile con magnete per una migliore presa quando montato sulla testa di barenatura durante il setup
—Batteria interna ricaricabile

Codice di ordinazione	Codice prodotto	L	H	Peso
		mm *Inch*	mm *Inch*	kg *lb*
990FBDD01	10215579	74,25 *2.92*	36 *1.42*	0,2 *0.008*

FB 760 – Teste di tipo Axiabore™

Seco-Capto™





—Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)
—Axiabore™ Plus – Consente la barenatura, la tornitura esterna e la scanalatura frontale

3. Staffa
4. Vite di regolazione micrometrica
2. Vite di assemblaggio
5. Utensile

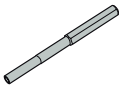
Codice di ordinazione	Codice prodotto	Lato macchina	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	BD	DCB	Peso	*	Max velocità operativa**	
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		Max. num. di giri**	Max. m/min**
C5-391.0760-03	02822777	C5	6,0 *0.236*	108,0 *4.252*	95,0 *3.740*	65,0 *2.559*	54,0 *2.126*	16,0 *0.630*	1,2 *2.7*	*	8000	1500

Nota: Il peso è senza portainserto

Per gli utensili, vedere le pagine 536-538

*Massimo 5000 giri al minuto quando si utilizza MPA.
**Capacità - Axiabore™ Plus - testa di barenatura 6-108 mm (0,236-4,252") , tornitura esterna 2-57 mm (0,079-2,244"), scanalatura frontale 19-96 mm (0,748-3,780").

Parti di ricambio, comprese nella fornitura

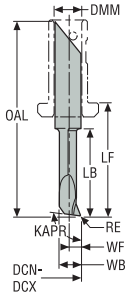
Per testa	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio
				
C5-...-03	AU7601312	DOUBLE-T	H6B-H4.0L	19A71008125

Accessori

Per testa	Chiave dinamometrica per viti di bloccaggio e di assemblaggio
	
C5-...-03	H00-3030

Utensili per barenatura, metallo duro integrale
per teste FB 760





—Ideali per teste di barenatura digitali e analogiche
—KAPR 98°
—Orientamento del tagliente ISO
—Refrigerante lungo l'utensile
—Materiale dell'utensile: Metallo duro*

Codice di ordinazione	Codice prodotto	Per testa	Capacità DCN-DCX ∅ mm***		OAL	LB	LF	DMM	WB	WF	RE	Parametri di taglio consigliati** a_p	Parametri di taglio consigliati** f	Peso	Codice equilibratura
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
A761402	02462579	FB 76001	0,3 *0.012*	0,6 *0.024*	30,7 *1.209*	1,2 *0.047*	15,5 *0.610*	4,0 *0.157*	0,25 *0.010*	0,1 *0.004*	0,0 *0.0*	0,02 *0.001*	0,01 *0*	0,01 *0.0*	–
A761412	02462581	FB 76001	0,5 *0.020*	1,1 *0.043*	30,7 *1.209*	2,0 *0.079*	15,5 *0.610*	4,0 *0.157*	0,45 *0.018*	0,2 *0.008*	0,0 *0.0*	0,02 *0.001*	0,01 *0*	0,1 *0.2*	–
A761422	02462583	FB 76001	1,0 *0.039*	2,1 *0.083*	30,7 *1.209*	5,0 *0.197*	15,5 *0.610*	4,0 *0.157*	0,95 *0.037*	0,45 *0.018*	0,1 *0.004*	0,03 *0.001*	0,02 *0.001*	0,1 *0.2*	–
A761432	02462584	FB 76001/02/12	2,0 *0.079*	3,2 *0.126*	30,7 *1.209*	8,0 *0.315*	15,5 *0.610*	4,0 *0.157*	1,8 *0.071*	0,88 *0.035*	0,1 *0.004*	0,05 *0.002*	0,02 *0.001*	0,1 *0.2*	E13
A761442	02462586	FB 76001/02/12	3,0 *0.118*	4,7 *0.185*	30,7 *1.209*	10,0 *0.394*	15,5 *0.610*	4,0 *0.157*	2,75 *0.108*	1,35 *0.053*	0,15 *0.006*	0,06 *0.002*	0,03 *0.001*	0,1 *0.2*	E14
A761452	02462587	FB 76001/02/12	4,5 *0.177*	6,2 *0.244*	35,7 *1.406*	15,0 *0.591*	20,5 *0.807*	4,0 *0.157*	3,95 *0.156*	1,95 *0.077*	0,15 *0.006*	0,08 *0.003*	0,03 *0.001*	0,1 *0.2*	E15

*Questi utensili con codolo di diam. 4 mm richiedono l'uso di una bussola di riduzione, fornita con le teste e i kit adatti.

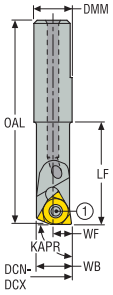
** Per le velocità di taglio consigliate, vedere le pagine 612-615

*** Capacità complementare raggiungibile di +0,1 mm.

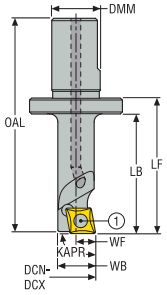
Teste di barenatura, tipo di inserto
per teste FB 760



Disegno 1



Disegno 2



1 = Vite di bloccaggio inserto

—Ideali per teste di barenatura digitali e analogiche
—Orientamento del tagliente ISO
—Adduzione refrigerante interna
—Solo due misure di inserti per tutti gli utensili
—Materiale dell'utensile * = Acciaio, tipo di Inserto sostituibile
—Materiale dell'utensile ** = Metallo duro, tipo di Inserto
—KAPR 90°

Codice di ordinazione	Codice prodotto	Materiale utensile	Per testa	** Capacità DCN-DCX ∅		OAL	LB	LF	DMM	WB	WF	Peso	Disegno	Dimensione inserto	Codice equilibratura
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*			
A762001	02462590	*	FB 76001	6,0 *0.236*	8,0 *0.315*	31,7 *1.248*	0,0 –	16,0 *0.630*	6,0 *0.236*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	1	WB...0301..	–
A762002	02594947	*	FB 76002/12	6,0 *0.236*	8,0 *0.315*	39,7 *1.563*	16,0 *0.630*	20,0 *0.787*	12,0 *0.472*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	2	WB...0301..	S21
A762003	02594967	*	FB 76003/13	6,0 *0.236*	8,0 *0.315*	50,2 *1.976*	16,0 *0.630*	21,0 *0.827*	16,0 *0.630*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	2	WB...0301..	S31
A763002	02594948	*	FB 76002/12	8,0 *0.315*	10,0 *0.394*	45,7 *1.799*	22,0 *0.866*	26,0 *1.024*	12,0 *0.472*	7,4 *0.291*	3,9 *0.154*	0,1 *0.2*	2	WB...0301..	S22
A763003	02594968	*	FB 76003/13	8,0 *0.315*	10,0 *0.394*	56,2 *2.213*	22,0 *0.866*	27,0 *1.063*	16,0 *0.630*	7,4 *0.291*	3,9 *0.154*	0,1 *0.2*	2	WB...0301..	S32
A765002	02594957	*	FB 76002/12	10,0 *0.394*	13,0 *0.512*	53,5 *2.106*	30,0 *1.181*	34,0 *1.339*	12,0 *0.472*	9,35 *0.368*	4,8 *0.189*	0,1 *0.2*	2	CC...0602..	S23
A765003	02594969	*	FB 76003/13	10,0 *0.394*	13,0 *0.512*	64,0 *2.520*	30,0 *1.181*	35,0 *1.378*	16,0 *0.630*	9,35 *0.368*	4,8 *0.189*	0,1 *0.2*	2	CC...0602..	S33
A762201	02462591	**	FB 76001	6,0 *0.236*	8,0 *0.315*	41,7 *1.642*	0,0 –	26,0 *1.024*	6,0 *0.236*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	1	WB...0301..	–
A762202	02594958	**	FB 76002/12	6,0 *0.236*	8,0 *0.315*	50,7 *1.996*	27,0 *1.063*	31,0 *1.220*	12,0 *0.472*	5,5 *0.217*	2,9 *0.114*	0,1 *0.2*	2	WB...0301..	E21
A762203	02594970	**	FB 76003/13	6,0 *0.236*	8,0 *0.315*	61,2 *2.409*	27,0 *1.063*	32,0 *1.260*	16,0 *0.630*	5,5 *0.217*	2,9 *0.114*	0,2 *0.4*	2	WB...0301..	E31
A763202	02594961	**	FB 76002/12	8,0 *0.315*	10,0 *0.394*	60,7 *2.390*	37,0 *1.457*	41,0 *1.614*	12,0 *0.472*	7,4 *0.291*	3,9 *0.154*	0,1 *0.2*	2	WB...0301..	E22
A763203	02594971	**	FB 76003/13	8,0 *0.315*	10,0 *0.394*	71,2 *2.803*	37,0 *1.457*	42,0 *1.654*	16,0 *0.630*	7,4 *0.291*	3,9 *0.154*	0,2 *0.4*	2	WB...0301..	E32
A765202	02594962	**	FB 76002/12	10,0 *0.394*	13,0 *0.512*	78,5 *3.091*	55,0 *2.165*	59,0 *2.323*	12,0 *0.472*	9,35 *0.368*	4,8 *0.189*	0,1 *0.2*	2	CC...0602..	E23
A765203	02594972	**	FB 76003/13	10,0 *0.394*	13,0 *0.512*	89,0 *3.504*	55,0 *2.165*	60,0 *2.362*	16,0 *0.630*	9,35 *0.368*	4,8 *0.189*	0,2 *0.4*	2	CC...0602..	E33

**Capacità complementare raggiungibile di +0,2 mm.

Parti di ricambio, comprese nella fornitura

Per dimensione inserto	Vite di bloccaggio inserto
	
CC...0602..	C02504-T07P
WB...0301..	C02035-T06P

Accessori

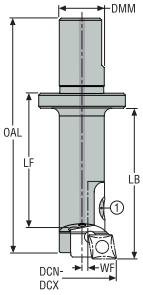
Chiave per vite inserto	Chiave (impugnatura a T)
	
H4B-T07P	DOUBLE-T
H4B-T06P	DOUBLE-T

Codoli per barenatura, per teste di barenatura di finitura modulari

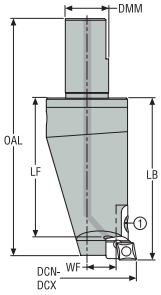
per teste FB 760



Disegno 1



Disegno 2



—Diverse capacità ottenibili con portainserti intercambiabili
—Tipi di codolo "acciaio" per barre corte, "metallo duro" per barre lunghe, "alluminio" per barre grandi
—Adduzione refrigerante interna

1 = Vite di bloccaggio

Codice di ordinazione	Codice prodotto	Attacco per barenatura di tipo modulare	Per testa	** Capacità DCN-DCX ∅		***	OAL	LB	LF	DMM	WF	Peso	Disegno
				mm *Inch*	mm *Inch*		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
A760S20	02594963	Acciaio	FB 76002/12	13,0 *0.512*	20,0 *0.787*		62,5 *2.461*	40,0 *1.575*	34,0 *1.339*	12,0 *0.472*	1,4 *0.055*	0,1 *0.2*	1
A760S30	02594973	Acciaio	FB 76003/13	13,0 *0.512*	18,0 *0.709*		73,0 *2.874*	40,0 *1.575*	35,0 *1.378*	16,0 *0.630*	1,4 *0.055*	0,1 *0.2*	1
A760S31	02594974	Acciaio	FB 76003/13	18,0 *0.709*	33,0 *1.299*		83,0 *3.268*	50,0 *1.969*	45,0 *1.772*	16,0 *0.630*	3,9 *0.154*	0,2 *0.4*	1
A760E20	02594964	Metallo duro	FB 76002/12	13,0 *0.512*	20,0 *0.787*		82,5 *3.248*	60,0 *2.362*	54,0 *2.126*	12,0 *0.472*	1,4 *0.055*	0,2 *0.4*	1
A760E30	02594965	Metallo duro	FB 76003/13	13,0 *0.512*	18,0 *0.709*		103,0 *4.055*	70,0 *2.756*	65,0 *2.559*	16,0 *0.630*	1,4 *0.055*	0,2 *0.4*	1
A760E31	02594966	Metallo duro	FB 76003/13	18,0 *0.709*	33,0 *1.299*		113,0 *4.449*	80,0 *3.150*	75,0 *2.953*	16,0 *0.630*	3,9 *0.154*	0,3 *0.7*	1
A760A32	02594977	Alluminio	FB 76003/13	33,0 *1.299*	48,0 *1.890*	***	88,0 *3.465*	60,0 *2.362*	50,0 *1.969*	16,0 *0.630*	11,5 *0.453*	0,2 *0.4*	2
A760A33	02594978	Alluminio	FB 76003/13	48,0 *1.890*	63,0 *2.480*	***	108,0 *4.252*	80,0 *3.150*	70,0 *2.756*	16,0 *0.630*	19,0 *0.748*	0,4 *0.9*	2

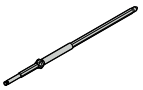
Nota: Il peso è senza portainserto.

**Capacità complementare raggiungibile di +0,2 mm.
*** Se utilizzato su A760 13, non è possibile l'equilibratura fine. Selezionare le combinazioni di codolo e portainserti desiderate utilizzando la tabella di selezione alle pagine 540.

Parti di ricambio, comprese nella fornitura

Per testa	Vite di bloccaggio
	
A76002/12	C04008-T15P
A76003	C04008-T15P
A76003/13	C04008-T15P

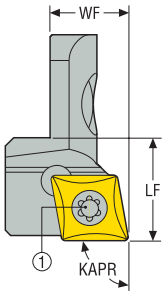
Accessori

Chiave (impugnatura a T)	Chiave di bloccaggio
	
DOUBLE-T	H6B-T15P
DOUBLE-T	H6B-T15P
DOUBLE-T	H6B-T15P

Portainserti, per teste di barenatura di finitura modulari

per teste FB 760





—Singola misura di montaggio adatta per tutti i codoli di barenatura (e tornitura esterna)
—Una misura di inserti per tutti i portainserti

1 = Vite di bloccaggio inserto

Codice di ordinazione	Codice prodotto	LF mm *Inch*	WF mm *Inch*	Peso kg *lb*	Dimensione inserto	KRINS°
A765R1	02594979	10,0 *0.394*	4,95 *0.195*	0,1 *0.2*	CC...0602...	90
A765R2	02594983	10,0 *0.394*	6,2 *0.244*	0,1 *0.2*	CC...0602...	90
A765R3	02594984	10,0 *0.394*	7,45 *0.293*	0,1 *0.2*	CC...0602...	90
A765R4	02594987	10,0 *0.394*	8,7 *0.343*	0,1 *0.2*	CC...0602...	90
A765R5	02594989	10,0 *0.394*	9,97 *0.393*	0,1 *0.2*	CC...0602...	90
A765R6	02594990	10,0 *0.394*	11,2 *0.441*	0,1 *0.2*	CC...0602...	90

*WF se utilizzato con inserto di tipo CC..060204.
Selezionare le combinazioni di codolo e portainserti desiderate utilizzando la tabella di selezione alle pagine 540.

Parti di ricambio, comprese nella fornitura

Per dimensione inserto	Vite di bloccaggio inserto
	
CC...0602...	C02504-T07P

Accessori

Chiave per vite inserto	Chiave (impugnatura a T)
	
H4B-T07P	DOUBLE-T

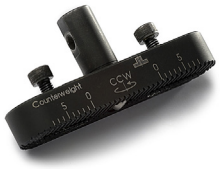
Tabella di selezione:
Utensili per barenatura e portainserti adatti per teste FB 760

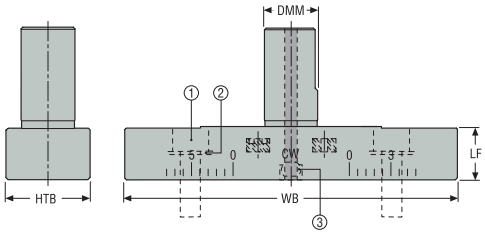
Per testa	Capacità di barenatura DCN-DCX ∅ mm	*inch*	Lunghezza di barenatura LB mm	*inch*	Codice di ordinazione: Utensile per barenatura	Codice di ordinazione: Portainserto	DMM mm	*inch*	Dimensione inserto	Tipo utensile
A760 01	0,3-0,6	*0.012-0.024*	1,2	*0.047*	A761402	–	4	*0.157*	–	Metallo duro
	0,5-1,1	*0.020-0.043*	2	*0.078*	A761412	–	4	*0.157*	–	Metallo duro
	1-2,1	*0.039-0.083*	-	-	A761422	–	4	*0.157*	–	Metallo duro
	2-3,2	*0.079-0.126*	8	*0.315*	A761432	–	4	*0.157*	–	Metallo duro
	3-4,7	*0.118-0.185*	10	*0.394*	A761442	–	4	*0.157*	–	Metallo duro
	4,5-6,2	*0.177-0.244*	15	*0.591*	A761452	–	4	*0.157*	–	Metallo duro
	6-8	*0.236-0.315*	16	*0.630*	A762001	–	6	*0.236*	WB..0301..	Acciaio, tipo di inserti
	6-8	*0.236-0.315*	26	*1.024*	A762201	–	6	*0.236*	WB..0301..	Metallo duro, tipo di inserti
A760 02/ A760 12	2-3,2	*0.079-0.126*	8	*0.315*	A761432	–	4	*0.157*	–	Metallo duro
	3-4,7	*0.118-0.185*	10	*0.394*	A761442	–	4	*0.157*	–	Metallo duro
	4,5-6,2	*0.177-0.244*	15	*0.591*	A761452	–	4	*0.157*	–	Metallo duro
	6-8	*0.236-0.315*	16	*0.630*	A762002	–	12	*0.472*	WB..0301..	Acciaio, tipo di inserti
	6-8	*0.236-0.315*	27	*1.063*	A762202	–	12	*0.472*	WB..0301..	Metallo duro, tipo di inserti
	8-10	*0.315-0.394*	22	*0.866*	A763002	–	12	*0.472*	WB..0301..	Acciaio, tipo di inserti
	8-10	*0.315-0.394*	37	*1.457*	A763202	–	12	*0.472*	WB..0301..	Metallo duro, tipo di inserti
	10-13	*0.394-0.512*	30	*1.181*	A765002	–	12	*0.472*	CC..0602..	Acciaio, tipo di inserti
	10-13	*0.394-0.512*	55	*2.165*	A765202	–	12	*0.472*	CC..0602..	Metallo duro, tipo di inserti
	13-15,5	*0.512-0.610*	40	*1.575*	A760S20	A765R1	12	*0.472*	CC..0602..	Codolo in acciaio con portainserto
	13-15,5	*0.512-0.610*	60	*2.362*	A760E20	A765R1	12	*0.472*	CC..0602..	Codolo in metallo duro con portainserti
	15,5-18	*0.610-0.709*	40	*1.575*	A760S20	A765R2	12	*0.472*	CC..0602..	Codolo in acciaio con portainserto
	15,5-18	*0.610-0.709*	60	*2.362*	A760E20	A765R2	12	*0.472*	CC..0602..	Codolo in metallo duro con portainserti
	18-20	*0.709-0.787*	40	*1.575*	A760S20	A765R3	12	*0.472*	CC..0602..	Codolo in acciaio con portainserto
	18-20	*0.709-0.787*	60	*2.362*	A760E20	A765R3	12	*0.472*	CC..0602..	Codolo in metallo duro con portainserti
A760 03/ A760 13	6-8	*0.236-0.315*	16	*0.630*	A762003	–	16	*0.630*	WB..0301..	Acciaio, tipo di inserti
	6-8	*0.236-0.315*	32	*1.260*	A762203	–	16	*0.630*	WB..0301..	Metallo duro, tipo di inserti
	8-10	*0.315-0.394*	22	*0.866*	A763003	–	16	*0.630*	WB..0301..	Acciaio, tipo di inserti
	8-10	*0.315-0.394*	37	*1.457*	A763203	–	16	*0.630*	WB..0301..	Metallo duro, tipo di inserti
	10-13	*0.394-0.512*	30	*1.181*	A765003	–	16	*0.630*	CC..0602..	Acciaio, tipo di inserti
	10-13	*0.394-0.512*	55	*2.165*	A765203	–	16	*0.630*	CC..0602..	Metallo duro, tipo di inserti
	13-15,5	*0.512-0.610*	40	*1.575*	A760S30	A765R1	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	13-15,5	*0.512-0.610*	70	*2.756*	A760E30	A765R1	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	15,5-18	*0.610-0.709*	40	*1.575*	A760S30	A765R2	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	15,5-18	*0.610-0.709*	70	*2.756*	A760E30	A765R2	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	18-20,5	*0.709-0.807*	50	*1.969*	A760S31	A765R1	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	18-20,5	*0.709-0.807*	80	*3.150*	A760E31	A765R1	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	20,5-23	*0.807-0.906*	50	*1.969*	A760S31	A765R2	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	20,5-23	*0.807-0.906*	80	*3.150*	A760E31	A765R2	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	23-25,5	*0.906-1.00*	50	*1.969*	A760S31	A765R3	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	23-25,5	*0.906-1.00*	80	*3.150*	A760E31	A765R3	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	25,5-28	*1.004-1.102*	50	*1.969*	A760S31	A765R4	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	25,5-28	*1.004-1.102*	80	*3.150*	A760E31	A765R4	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	28-30,5	*1.102-1.201*	50	*1.969*	A760S31	A765R5	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	28-30,5	*1.102-1.201*	80	*3.150*	A760E31	A765R5	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	30,5-33	*1.201-1.299*	50	*1.969*	A760S31	A765R6	16	*0.630*	CC..0602..	Codolo in acciaio con portainserto
	30,5-33	*1.201-1.299*	80	*3.150*	A760E31	A765R6	16	*0.630*	CC..0602..	Codolo in metallo duro con portainserti
	33-35,5*	*1.299-1.398**	60	*2.362*	A760A32	A765R1	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	35,5-38*	*1.299-1.496**	60	*2.362*	A760A32	A765R2	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	38-40,5*	*1.496-1.594**	60	*2.362*	A760A32	A765R3	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	40,5-43*	*1.594-1.693**	60	*2.362*	A760A32	A765R4	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	43-45,5*	*1.693-1.791**	60	*2.362*	A760A32	A765R5	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	45,5-48*	*1.791-1.890**	60	*2.362*	A760A32	A765R6	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	48-50,5*	*1.890-1.988**	80	*3.150*	A760A33	A765R1	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	50,5-53*	*1.988-2.087**	80	*3.150*	A760A33	A765R2	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	53-55,5*	*2.087-2.185**	80	*3.150*	A760A33	A765R3	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	55,5-58*	*2.185-2.283**	80	*3.150*	A760A33	A765R4	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	58-60,5*	*2.283-2.382**	80	*3.150*	A760A33	A765R5	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto
	60,5-63*	*2.382-2.480**	80	*3.150*	A760A33	A765R6	16	*0.630*	CC..0602..	Codolo in alluminio con portainserto

Per diametri maggiori, vedere la sezione MPA (Multi-purpose adapter, adattatore multiuso).
* Se utilizzato su A760 13, non è possibile l'equilibratura fine.

Adattatore multi-uso (MPA)

per teste FB 760



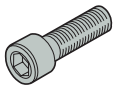


—Ideali per teste Axiabore™ Plus digitali e analogiche - Solo testa A760 03**
—Per montare un codolo e un contrappeso (per la barenatura o la tornitura esterna) o due portautensili per scanalatura (per la scanalatura frontale)
—Adduzione refrigerante interna con ugello regolabile (3)

1. Vite di assemblaggio
2. Rondella
3. Ugello regolabile

Codice di ordinazione	Codice prodotto	Capacità DCN-DCX ∅ Per barenatura		Per tornitura diam. esterno		Per scanalatura		HTB	LF	DMM	WB	Peso
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
BDA16BS25100	02595014	53,0 *2.087*	108,0 *4.252*	2,0 *0.079*	57,0 *2.244*	31,0 *1.220*	96,0 *3.780*	25,0 *0.984*	16,0 *0.630*	16,0 *0.630*	100,0 *3.937*	0,3 *0.660*

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio	Rondella
		
BDA16BS25100	950D0618	940ZC06

Accessori

Per testa	Chiave per vite staffa
	
BDA16BS25100	03HL05

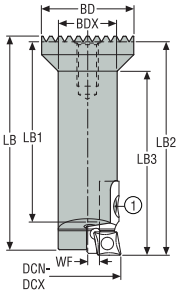
*Se utilizzato su una testa - Axialibrabore™ Plus - A760 13 non è possibile eseguire l'equilibratura di precisione, vedere le pagine 530
Selezionare i componenti necessari per realizzare assiemi di barenatura, tornitura esterna o scanalatura, utilizzando le pagine seguenti 545-556

Codolo e contrappeso, per barenatura o tornitura esterna su un MPA

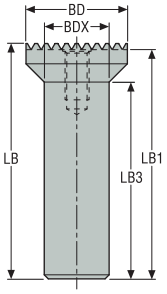
per teste FB 760



Disegno A



Disegno B



—Per il montaggio su MPA
—Il codolo può essere utilizzato per la barenatura o per la tornitura esterna
—Utilizza gli stessi portainserti dei codoli per barenatura modulare

1. Vite di assemblaggio

Codice di ordinazione	Codice prodotto	Disegno	** Capacità DCN-DCX ∅ Per barenatura		Per tornitura diam. esterno		LB	LB1	LB2	LB3	WF	BDX	BD	Peso	Disegno
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
BAS25MH1660	02595019	Attacco*	53,0 *2.087*	108,0 *4.252*	2,0 *0.079*	57,0 *2.244*	58,5 *2.303*	48,5 *1.909*	58,5 *2.303*	50,0 *1.969*	4,0 *0.157*	16,0 *0.630*	25,0 *0.984*	0,1 *0.2*	A
BAS25CW1660	02595016	Contrappeso	53,0 *2.087*	108,0 *4.252*	2,0 *0.079*	57,0 *2.244*	58,0 *2.283*	56,6 *2.228*	–	48,5 *1.909*	–	16,0 *0.630*	25,0 *0.984*	0,2 *0.4*	B

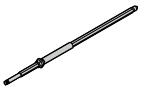
*I portainserti devono essere ordinati a parte, vedere le pagine 539

**Le capacità di barenatura e di tornitura esterna sono correlate al portainserto selezionato e alla posizione di regolazione dei codoli utilizzando la "tabella di selezione dei portainserti per barenatura o per tornitura esterna" alle pagine 545–556

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio
	
BAS25CW1660	–
BAS25MH1660	C04008-T15P

Accessori

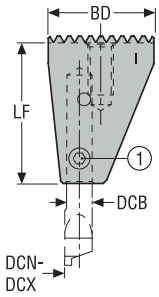
Per	Chiave per vite staffa	Chiave (impugnatura a T)
		
BAS25CW1660	–	–
BAS25MH1660	H6B-T15P	DOUBLE-T

Portautensili per scanalatura, per scanalatura frontale su un MPA

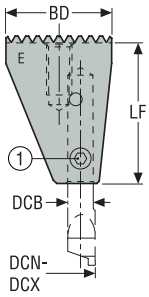
per teste FB 760



I



E



—Per il montaggio su MPA
—Un portautensili per scanalatura viene utilizzato con il relativo utensile o per fungere da contrappeso

1. Vite di bloccaggio

Codice di ordinazione	Codice prodotto	Disegno	* Capacità DCN-DCX ∅ mm *Inch*		DCB mm *Inch*	LF mm *Inch*	BD mm *Inch*	Peso kg *lb*	Disegno
BAS25FGI35	02595021	Portautensile per scanalatura I (interna)*	19,0 *0.748*	76,0 *2.992*	6,0 *0.236*	35,0 *1.378*	25,0 *0.984*	0,1 *0.2*	I (Interna)
BAS25FGE35	02595020	Portautensile per scanalatura E (esterna)*	39,0 *1.535*	96,0 *3.780*	6,0 *0.236*	35,0 *1.378*	25,0 *0.984*	0,1 *0.2*	E (Esterna)

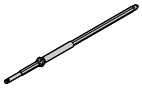
*Utensili per scanalatura da ordinare a parte, vedere le pagine 544

* La capacità nella scanalatura è correlata all'utensile per scanalatura selezionato, alla posizione di regolazione e all'orientamento del portautensili, utilizzando le "tabelle di selezione dell'utensile per scanalatura sul centraggio o sul foro", vedere le pagine 545-556

Parti di ricambio, comprese nella fornitura

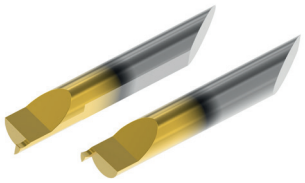
Per	Vite di bloccaggio
	
BAS25FGE35	950L0607T15P
BAS25FGI35	950L0607T15P

Accessori

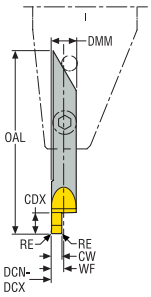
Per	Chiave (impugnatura a T)	Chiave di bloccaggio
		
BAS25FGE35	DOUBLE-T	H6B-T15P
BAS25FGI35	DOUBLE-T	H6B-T15P

Utensili per scanalatura

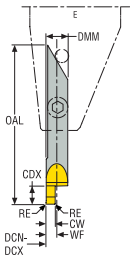
per teste FB 760



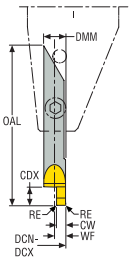
A



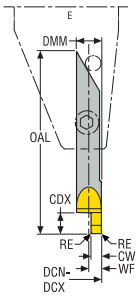
B



C



D



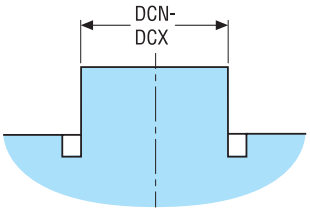
– Utilizzabile per portautensili per scanalatura "esterna" o "interna", a seconda della capacità

Codice di ordinazione	Codice prodotto	Disegno	* Capacità DCN-DCX ∅ Disegno A		Disegno B		Disegno C		Disegno D		OAL	CW	RE	DMM	WF	Prof. max. **	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
AFG0629101582	02595028	Contro il centraggio	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	1,0 *0.039*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	2,0 *0.079*	0,07 *0.150*
AFG0629151582	02595029	Contro il centraggio	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	1,5 *0.059*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	3,0 *0.118*	0,07 *0.150*
AFG0629201582	02595031	Contro il centraggio	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	2,0 *0.079*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	4,0 *0.157*	0,1 *0.220*
AFG0629251582	02595032	Contro il centraggio	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	2,5 *0.098*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	5,0 *0.197*	0,1 *0.220*
AFG0629301582	02595033	Contro il centraggio	19,0 *0.748*	64,0 *2.520*	39,0 *1.535*	84,0 *3.307*	–	–	–	–	42,0 *1.654*	3,0 *0.118*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	6,0 *0.236*	0,1 *0.220*
AFG0629101581	02595022	Contro il foro	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	1,0 *0.039*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	2,0 *0.079*	0,1 *0.220*
AFG0629151581	02595023	Contro il foro	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	1,5 *0.059*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	3,0 *0.118*	0,07 *0.150*
AFG0629201581	02595024	Contro il foro	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	2,0 *0.079*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	4,0 *0.157*	0,1 *0.220*
AFG0629251581	02595026	Contro il foro	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	2,5 *0.098*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	5,0 *0.197*	0,1 *0.220*
AFG0629301581	02595027	Contro il foro	–	–	–	–	31,0 *1.220*	76,0 *2.992*	51,0 *2.008*	96,0 *3.780*	42,0 *1.654*	3,0 *0.118*	0,15 *0.006*	6,0 *0.236*	2,95 *0.116*	6,0 *0.236*	0,1 *0.220*

* La capacità nella scanalatura è correlata all'utensile per scanalatura selezionato, alla posizione di regolazione e all'orientamento del portautensili, utilizzando le "tabelle di selezione dell'utensile per scanalatura sul centraggio o sul foro", vedere le pagine 545–556

** Profondità massima scanalatura CDX

Utensile per scanalatura -verso centraggio-



Utensile per scanalatura -verso foro-

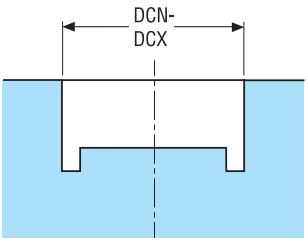
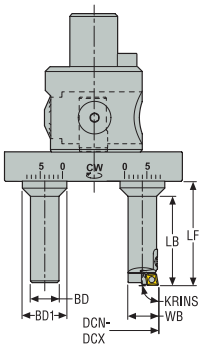


Tabella di selezione:
Utensili per barenatura e portainserti adatti per teste FB 760, In mm

Selezionare un portainserto idoneo, e con-siderare la posizione dello stelo sull'MPA per ottenere la capacità di barenatura richiesta.
Nota: Un'unità di barenatura richiede:
- una testa Axiabore™ Plus (A760 03)
- un MPA (BDA16BS25100)
- uno stelo (BAS25MH1660)
- un contrappeso (BAS25CW1660).
- un portainserto (A765R.) da scegliere nella tabella
- un inserto

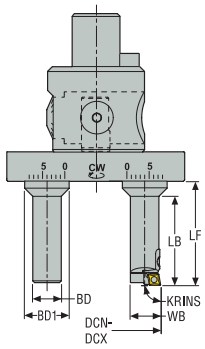


Capacità DCN-DCX ∅ mm*	Portainserto Descrizione	Posizione del codolo	Dimensioni in mm					Angolo di attacco KRINS°	Dimensione inserto
			BD	BD1	LF	LB	WB		
53-55,5	A765 R1	0	16	25	58,5	50	17	90°	CC..0602..
55,5-58	A765 R2	0	16	25	58,5	50	18,2	90°	CC..0602..
58-60,5	A765 R1	1	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	0	16	25	58,5	50	19,5	90°	CC..0602..
60,5-63	A765 R2	1	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	0	16	25	58,5	50	20,7	90°	CC..0602..
63-65,5	A765 R1	2	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	1	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	0	16	25	58,5	50	22	90°	CC..0602..
65,5-68	A765 R2	2	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	1	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	0	16	25	58,5	50	23,3	90°	CC..0602..
68-70,5	A765 R1	3	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	2	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	1	16	25	58,5	50	22	90°	CC..0602..
70,5-73	A765 R2	3	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	2	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	1	16	25	58,5	50	23,2	90°	CC..0602..
73-75,5	A765 R1	4	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	3	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	2	16	25	58,5	50	22	90°	CC..0602..
75,5-78	A765 R2	4	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	3	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	2	16	25	58,5	50	23,2	90°	CC..0602..
78-80,5	A765 R1	5	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	4	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	3	16	25	58,5	50	22	90°	CC..0602..
80,5-83	A765 R2	5	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	4	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	3	16	25	58,5	50	23,2	90°	CC..0602..
83-85,5	A765 R1	6	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	5	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	4	16	25	58,5	50	22	90°	CC..0602..
85,5-88	A765 R2	6	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	5	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	4	16	25	58,5	50	23,2	90°	CC..0602..
88-90,5	A765 R1	7	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	6	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	5	16	25	58,5	50	22	90°	CC..0602..
90,5-93	A765 R2	7	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	6	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	5	16	25	58,5	50	23,2	90°	CC..0602..
93-95,5	A765 R1	8	16	25	58,5	50	17	90°	CC..0602..
	A765 R3	7	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	6	16	25	58,5	50	22	90°	CC..0602..
95,5-98	A765 R2	8	16	25	58,5	50	18,2	90°	CC..0602..
	A765 R4	7	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	6	16	25	58,5	50	23,2	90°	CC..0602..
98-100,5	A765 R3	8	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R5	7	16	25	58,5	50	22	90°	CC..0602..
100,5-103	A765 R4	8	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R6	7	16	25	58,5	50	23,2	90°	CC..0602..
103-105,5	A765 R5	8	16	25	58,5	50	22	90°	CC..0602..
105,5-108	A765 R6	8	16	25	58,5	50	23,2	90°	CC..0602..

* + 0,2 mm (0.008") di capacità complementare raggiungibile.
Per la descrizione dettagliata dei portainserti, vedere pagina(e) 539

Tabella di selezione:
Utensili per barenatura e portainserti adatti per teste FB 760, Pollici

Selezionare un portainserto idoneo, e con-siderare la posizione dello stelo sull'MPA per ottenere la capacità di barenatura richiesta.
Nota: Un'unità di barenatura richiede:
- una testa Axiabore™ Plus (A760 03)
- un MPA (BDA16BS25100)
- uno stelo (BAS25MH1660)
- un contrappeso (BAS25CW1660).
- un portainserto (A765R.) da scegliere nella tabella
- un inserto

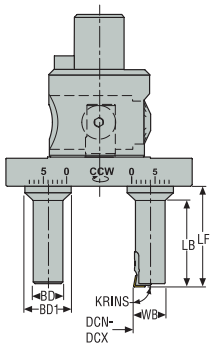


Capacità DCN-DCX ∅ inch*	Portainserto Descrizione	Posizione del codolo	Dimensioni in pollici					Angolo di attacco KRINS°	Dimensione inserto
			BD	BD1	LF	LB	WB		
2.087-2.185	A765 R1	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
2.185-2.283	A765 R2	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
2.283-2.382	A765 R1	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
2.382-2.480	A765 R2	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
2.480-2.579	A765 R1	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
2.579-2.677	A765 R2	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.917*	90°	CC..0602..
2.677-2.776	A765 R1	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
2.776-2.874	A765 R2	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
2.874-2.972	A765 R1	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
2.972-3.071	A765 R2	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.071-3.169	A765 R1	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.169-3.268	A765 R2	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.268-3.366	A765 R1	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.366-3.465	A765 R2	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.465-3.563	A765 R1	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.563-3.661	A765 R2	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.661-3.760	A765 R1	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
	A765 R3	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.760-3.858	A765 R2	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
	A765 R4	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
3.858-3.957	A765 R3	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R5	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
3.957-4.055	A765 R4	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R6	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
4.055-4.154	A765 R5	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
4.154-4.252	A765 R6	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..

* + 0,2 mm (0.008") di capacità complementare raggiungibile.
Per la descrizione dettagliata dei portainserti, vedere pagina(e) 539

Tabella di selezione:
Portainserti per tornitura esterna con MPA, per teste FB 760, In mm

Selezionare un portainserti adatto e prendere nota della posizione del codolo sull'MPA per ottenere la capacità di barenatura richiesta.
Nota: Un assemblato di tornitura esterna richiede quanto segue:
- una testa - Axiabore™ Plus - (A760 03)
- un MPA (BDA16BS25100)
- un codolo (BAS25MH1660)
- un contrappeso (BAS25CW1660).
- un portainserti (A765R.) da selezionare nella tabella
- un inserto

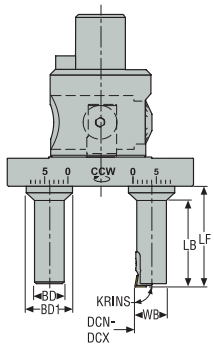


Capacità DCN-DCX ∅ mm*	Portainserto Descrizione	Posizione del codolo	Dimensioni in mm					Angolo di attacco KRINS°	Dimensione inserto
			BD	BD1	LF	LB	WB		
2-4,5	A765 R6	0	16	25	58,5	50	23,2	90°	CC..0602..
4,5-7	A765 R5	0	16	25	58,5	50	22	90°	CC..0602..
7-9,5	A765 R6	1	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	0	16	25	58,5	50	20,7	90°	CC..0602..
9,5-12	A765 R5	1	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	0	16	25	58,5	50	19,5	90°	CC..0602..
12-14,5	A765 R6	2	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	1	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	0	16	25	58,5	50	18,2	90°	CC..0602..
14,5-17	A765 R5	2	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	1	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	0	16	25	58,5	50	17	90°	CC..0602..
17-19,5	A765 R6	3	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	2	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	1	16	25	58,5	50	18,2	90°	CC..0602..
19,5-22	A765 R5	3	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	2	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	1	16	25	58,5	50	17	90°	CC..0602..
22-24,5	A765 R6	4	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	3	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	2	16	25	58,5	50	18,2	90°	CC..0602..
24,5-27	A765 R5	4	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	3	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	2	16	25	58,5	50	17	90°	CC..0602..
27-29,5	A765 R6	5	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	4	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	3	16	25	58,5	50	18,2	90°	CC..0602..
29,5-32	A765 R5	5	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	4	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	3	16	25	58,5	50	17	90°	CC..0602..
32-34,5	A765 R6	6	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	5	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	4	16	25	58,5	50	18,2	90°	CC..0602..
34,5-37	A765 R5	6	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	5	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	4	16	25	58,5	50	17	90°	CC..0602..
37-39,5	A765 R6	7	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	6	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	5	16	25	58,5	50	18,2	90°	CC..0602..
39,5-42	A765 R5	7	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	6	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	5	16	25	58,5	50	17	90°	CC..0602..
42-44,5	A765 R6	8	16	25	58,5	50	23,2	90°	CC..0602..
	A765 R4	7	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	6	16	25	58,5	50	18,2	90°	CC..0602..
44,5-47	A765 R5	8	16	25	58,5	50	22	90°	CC..0602..
	A765 R3	7	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	6	16	25	58,5	50	17	90°	CC..0602..
47-49,5	A765 R4	8	16	25	58,5	50	20,7	90°	CC..0602..
	A765 R2	7	16	25	58,5	50	18,2	90°	CC..0602..
49,5-52	A765 R3	8	16	25	58,5	50	19,5	90°	CC..0602..
	A765 R1	7	16	25	58,5	50	17	90°	CC..0602..
52-54,5	A765 R2	8	16	25	58,5	50	18,2	90°	CC..0602..
54,5-57	A765 R1	8	16	25	58,5	50	17	90°	CC..0602..

* + 0,2 mm (0.008") di capacità complementare raggiungibile.
Per la descrizione dettagliata dei portainserti, vedere pagina(e) 539

Tabella di selezione:
Portainserti per tornitura esterna con MPA, per teste FB 760, Pollici

Selezionare un portainserti adatto e prendere nota della posizione del codolo sull'MPA per ottenere la capacità di barenatura richiesta.
Nota: Un assemblato di tornitura esterna richiede quanto segue:
- una testa - Axiabore™ Plus - (A760 03)
- un MPA (BDA16BS25100)
- un codolo (BAS25MH1660)
- un contrappeso (BAS25CW1660).
- un portainserti (A765R.) da selezionare nella tabella
- un inserto

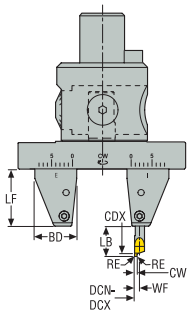


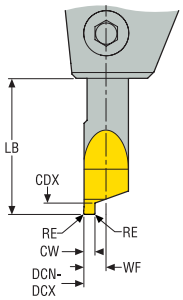
Capacità DCN-DCX ∅ inch*	Portainserto Descrizione	Posizione del codolo	Dimensioni in pollici					Angolo di attacco KRINS°	Dimensione inserto
			BD	BD1	LF	LB	WB		
0.079-0.177	A765 R6	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
0.177-0.276	A765 R5	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
0.276-0.374	A765 R6	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
0.374-0.472	A765 R5	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
0.472-0.571	A765 R6	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
0.571-0.669	A765 R5	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	0	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
0.669-0.768	A765 R6	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
0.768-0.866	A765 R5	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	1	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
0.866-0.965	A765 R6	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
0.965-1.063	A765 R5	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	2	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.063-1.161	A765 R6	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.161-1.260	A765 R5	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	3	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.260-1.358	A765 R6	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.358-1.457	A765 R5	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	4	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.457-1.555	A765 R6	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.555-1.654	A765 R5	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	5	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.654-1.654	A765 R6	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.913*	90°	CC..0602..
	A765 R4	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.654-1.850	A765 R5	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.866*	90°	CC..0602..
	A765 R3	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	6	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
1.850-1.949	A765 R4	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.815*	90°	CC..0602..
	A765 R2	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
1.949-2.047	A765 R3	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.768*	90°	CC..0602..
	A765 R1	7	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..
2.047-2.146	A765 R2	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.717*	90°	CC..0602..
2.146-2.244	A765 R1	8	*0.630*	*0.984*	*2.303*	*1.969*	*0.669*	90°	CC..0602..

* + 0,2 mm (0.008") di capacità complementare raggiungibile.
Per la descrizione dettagliata dei portainserti, vedere pagina(e) 539

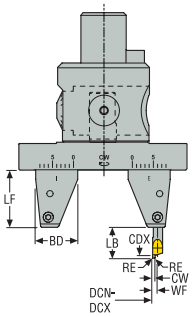
Tabella di selezione:
Utensile per scanalatura – su centraggio – per scanalatura con MPA, per teste FB 760, In mm

Configurazione 1

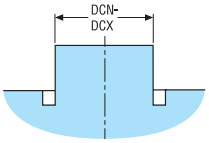




Configurazione 2



Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.



Nota: Un assemblato -contro il centraggio- richiede quanto segue:

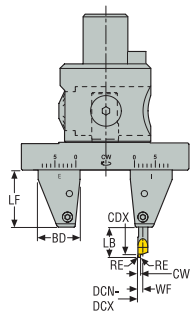
- una testa - Axiabore™ Plus - (A760 03)
- un MPA (BDA16BS25100)
- un utensile di scanalatura I (posizione interna) BAS25FGI35 e un utensile E (posizione esterna) BAS25FGE35 per tenere un utensile di scanalatura o agire da contrappeso (vedere la posizione di regolazione nella tabella)
- un utensile per scanalatura -contro il centraggio- (AFG...82) da selezionare nella tabella, in relazione alla larghezza e al diametro della scanalatura.

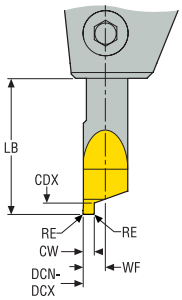
Capacità DCN-DCX ∅ mm*	Utensile di scanalatura contro il centraggio Descrizione	Posizione portautensili per scanalatura**	Dis-egno	Dimensioni in mm BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
19-24	AFG0629 10 1582	0-I	1	25	1	34	18	2,95	0,15	2,0
24-29		1-I	1	25	1	34	18	2,95	0,15	2,0
29-34		2-I	1	25	1	34	18	2,95	0,15	2,0
34-39		3-I	1	25	1	34	18	2,95	0,15	2,0
39-44		**0-E** / 4-I	1/2	25	1	34	18	2,95	0,15	2,0
44-49		**1-E** / 5-I	1/2	25	1	34	18	2,95	0,15	2,0
49-54		**2-E** / 6-I	1/2	25	1	34	18	2,95	0,15	2,0
54-59		**3-E** / 7-I	1/2	25	1	34	18	2,95	0,15	2,0
59-64		**4-E** / 8-I	1/2	25	1	34	18	2,95	0,15	2,0
64-69		5-E	2	25	1	34	18	2,95	0,15	2,0
69-74		6-E	2	25	1	34	18	2,95	0,15	2,0
74-79		7-E	2	25	1	34	18	2,95	0,15	2,0
79-84		8-E	2	25	1	34	18	2,95	0,15	2,0
19-24	AFG0629 15 1582	0-I	1	25	1,5	34	18	2,95	0,15	3,0
24-29		1-I	1	25	1,5	34	18	2,95	0,15	3,0
29-34		2-I	1	25	1,5	34	18	2,95	0,15	3,0
34-39		3-I	1	25	1,5	34	18	2,95	0,15	3,0
39-44		**0-E** / 4-I	1/2	25	1,5	34	18	2,95	0,15	3,0
44-49		**1-E** / 5-I	1/2	25	1,5	34	18	2,95	0,15	3,0
49-54		**2-E** / 6-I	1/2	25	1,5	34	18	2,95	0,15	3,0
54-59		**3-E** / 7-I	1/2	25	1,5	34	18	2,95	0,15	3,0
59-64		**4-E** / 8-I	1/2	25	1,5	34	18	2,95	0,15	3,0
64-69		5-E	2	25	1,5	34	18	2,95	0,15	3,0
69-74		6-E	2	25	1,5	34	18	2,95	0,15	3,0
74-79		7-E	2	25	1,5	34	18	2,95	0,15	3,0
79-84		8-E	2	25	1,5	34	18	2,95	0,15	3,0
19-24	AFG0629 20 1582	0-I	1	25	2	34	18	2,95	0,15	4,0
24-29		1-I	1	25	2	34	18	2,95	0,15	4,0
29-34		2-I	1	25	2	34	18	2,95	0,15	4,0
34-39		3-I	1	25	2	34	18	2,95	0,15	4,0
39-44		**0-E** / 4-I	1/2	25	2	34	18	2,95	0,15	4,0
44-49		**1-E** / 5-I	1/2	25	2	34	18	2,95	0,15	4,0
49-54		**2-E** / 6-I	1/2	25	2	34	18	2,95	0,15	4,0
54-59		**3-E** / 7-I	1/2	25	2	34	18	2,95	0,15	4,0
59-64		**4-E** / 8-I	1/2	25	2	34	18	2,95	0,15	4,0
64-69		5-E	2	25	2	34	18	2,95	0,15	4,0
69-74		6-E	2	25	2	34	18	2,95	0,15	4,0
74-79		7-E	2	25	2	34	18	2,95	0,15	4,0
79-84		8-E	2	25	2	34	18	2,95	0,15	4,0

* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.
Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

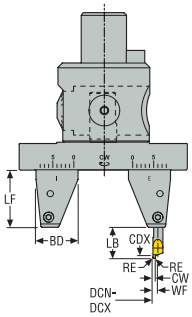
Tabella di selezione:
Utensile per scanalatura – su centraggio – per scanalatura con MPA, per teste FB 760, In mm

Configurazione 1

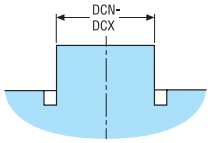




Configurazione 2



Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.



Nota: Un assemblato -contro il centraggio- richiede quanto segue:

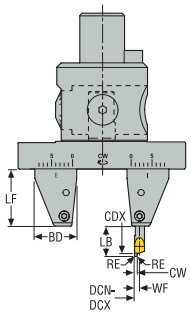
- una testa - Axiabore™ Plus - (A760 03)
- un MPA (BDA16BS25100)
- un utensile di scanalatura I (posizione interna) BAS25FGI35 e un utensile E (posizione esterna) BAS25FGE35 per tenere un utensile di scanalatura o agire da contrappeso (vedere la posizione di regolazione nella tabella)
- un utensile per scanalatura -contro il centraggio- (AFG...82) da selezionare nella tabella, in relazione alla larghezza e al diametro della scanalatura.

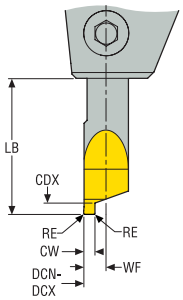
Capacità DCN-DCX ∅ mm*	Utensile di scanalatura contro il centraggio Descrizione	Posizione portautensili per scanalatura**	Dis-egno	Dimensioni in mm BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
19-24	AFG0629 25 1582	0-I	1	25	2,5	34	18	2,95	0,15	5,0
24-29		1-I	1	25	2,5	34	18	2,95	0,15	5,0
29-34		2-I	1	25	2,5	34	18	2,95	0,15	5,0
34-39		3-I	1	25	2,5	34	18	2,95	0,15	5,0
39-44		**0-E** / 4-I	1/2	25	2,5	34	18	2,95	0,15	5,0
44-49		**1-E** / 5-I	1/2	25	2,5	34	18	2,95	0,15	5,0
49-54		**2-E** / 6-I	1/2	25	2,5	34	18	2,95	0,15	5,0
54-59		**3-E** / 7-I	1/2	25	2,5	34	18	2,95	0,15	5,0
59-64		**4-E** / 8-I	1/2	25	2,5	34	18	2,95	0,15	5,0
64-69		5-E	2	25	2,5	34	18	2,95	0,15	5,0
69-74		6-E	2	25	2,5	34	18	2,95	0,15	5,0
74-79		7-E	2	25	2,5	34	18	2,95	0,15	5,0
79-84		8-E	2	25	2,5	34	18	2,95	0,15	5,0
19-24	AFG0629 30 1582	0-I	1	25	3	34	18	2,95	0,15	6,0
24-29		1-I	1	25	3	34	18	2,95	0,15	6,0
29-34		2-I	1	25	3	34	18	2,95	0,15	6,0
34-39		3-I	1	25	3	34	18	2,95	0,15	6,0
39-44		**0-E** / 4-I	1/2	25	3	34	18	2,95	0,15	6,0
44-49		**1-E** / 5-I	1/2	25	3	34	18	2,95	0,15	6,0
49-54		**2-E** / 6-I	1/2	25	3	34	18	2,95	0,15	6,0
54-59		**3-E** / 7-I	1/2	25	3	34	18	2,95	0,15	6,0
59-64		**4-E** / 8-I	1/2	25	3	34	18	2,95	0,15	6,0
64-69		5-E	2	25	3	34	18	2,95	0,15	6,0
69-74		6-E	2	25	3	34	18	2,95	0,15	6,0
74-79		7-E	2	25	3	34	18	2,95	0,15	6,0
79-84		8-E	2	25	3	34	18	2,95	0,15	6,0

* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.
Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

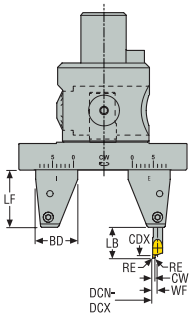
Tabella di selezione:
Utensile per scanalatura – su centraggio – per scanalatura con MPA, per teste FB 760, Pollici

Configurazione 1

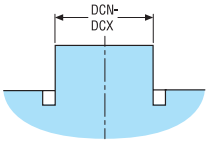




Configurazione 2



Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.



Nota: Un assemblato -contro il centraggio- richiede quanto segue:

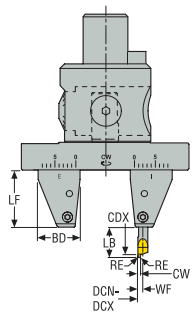
- una testa - Axiabore™ Plus - (A760 03)
- un MPA (BDA16BS25100)
- un utensile di scanalatura I (posizione interna) BAS25FGI35 e un utensile E (posizione esterna) BAS25FGE35 per tenere un utensile di scanalatura o agire da contrappeso (vedere la posizione di regolazione nella tabella)
- un utensile per scanalatura -contro il centraggio- (AFG...82) da selezionare nella tabella, in relazione alla larghezza e al diametro della scanalatura.

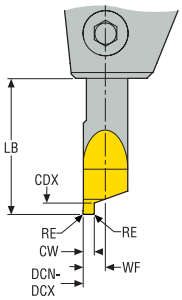
Capacità DCN-DCX ∅ inch*	Utensile di scanalatura contro il centraggio Descrizione	Posizione portautensili per scanalatura**	Dis-egno	Dimensioni in pollici BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
0.748-0.945	AFG0629 10 1582	0-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
0.945-1.142		1-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.142-1.339		2-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.339-1.535		3-I	1	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.520-2.717		5-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.717-2.913		6-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.913-3.110		7-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.110-3.307		8-E	2	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
0.748-0.945	AFG0629 15 1582	0-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
0.945-1.142		1-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.142-1.339		2-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.339-1.535		3-I	1	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.520-2.717		5-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.717-2.913		6-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.913-3.110		7-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.110-3.307		8-E	2	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
0.748-0.945	AFG0629 20 1582	0-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
0.945-1.142		1-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.142-1.339		2-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.339-1.535		3-I	1	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.520-2.717		5-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.717-2.913		6-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.913-3.110		7-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.110-3.307		8-E	2	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157

* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.
Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

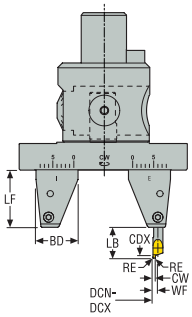
Tabella di selezione:
Utensile per scanalatura – su centraggio – per scanalatura con MPA, per teste FB 760, Pollici

Configurazione 1

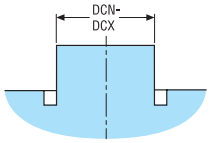




Configurazione 2



Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.



Nota: Un assemblato -contro il centraggio- richiede quanto segue:

- una testa - Axiabore™ Plus - (A760 03)
- un MPA (BDA16BS25100)
- un utensile di scanalatura I (posizione interna) BAS25FGI35 e un utensile E (posizione esterna) BAS25FGE35 per tenere un utensile di scanalatura o agire da contrappeso (vedere la posizione di regolazione nella tabella)
- un utensile per scanalatura -contro il centraggio- (AFG...82) da selezionare nella tabella, in relazione alla larghezza e al diametro della scanalatura.

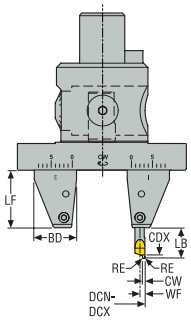
Capacità DCN-DCX ∅ inch*	Utensile di scanalatura contro il centraggio Descrizione	Posizione portautensili per scanalatura**	Dis-egno	Dimensioni in pollici BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
0.748-0.945	AFG0629 25 1582	0-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
0.945-1.142		1-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.142-1.339		2-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.339-1.535		3-I	1	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.520-2.717		5-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.717-2.913		6-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
2.913-3.110		7-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
3.110-3.307		8-E	2	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
0.748-0.945	AFG0629 30 1582	0-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
0.945-1.142		1-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.142-1.339		2-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.339-1.535		3-I	1	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.535-1.732		**0-E** / 4-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.732-1.929		**1-E** / 5-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
1.929-2.126		**2-E** / 6-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.126-2.323		**3-E** / 7-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.323-2.520		**4-E** / 8-I	1/2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.520-2.717		5-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.717-2.913		6-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
2.913-3.110		7-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
3.110-3.307		8-E	2	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236

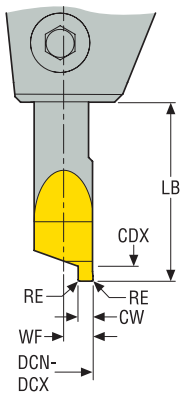
* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.

Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

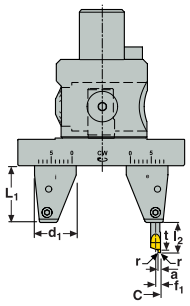
Tabella di selezione:
Utensile per scanalatura - contro il foro - per scanalatura con MPA, per teste FB 760, In mm

Configurazione 3

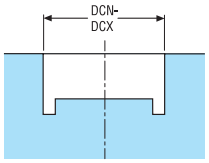




Configurazione 4



Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.



Nota: Un assemblato di scanalatura -contro il centraggio- richiede quanto segue:

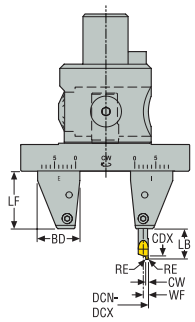
- una testa Axiabore™ Plus (A760 03)
- un MPA (BDA16BS25100)
- un utensile di scanalatura I (posizione interna) ed un utensile E (posizione esterna) (BAS25FGI35 e BAS25FGE35) per tenere l'utensile di scanalatura o agire da contrappeso (vedere posizione di regolazione in tabella)
- un utensile di scanalatura contro il foro (AFG...81) da selezionare nella tabella, in relazione alla larghezza della scanalatura e al diametro.

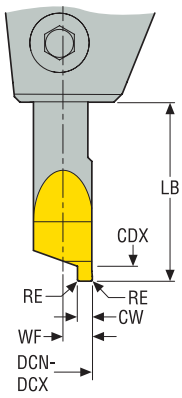
Capacità DCN-DCX ∅ mm*	Utensile di scanalatura contro il foro Descrizione	Posizione portautensili per scanalatura**	Disegno	Dimensioni in mm BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
31-36	AFG0629 10 1581	0-I	3	25	1	34	18	2,95	0,15	2,0
36-41		1-I	3	25	1	34	18	2,95	0,15	2,0
41-46		2-I	3	25	1	34	18	2,95	0,15	2,0
46-51		3-I	3	25	1	34	18	2,95	0,15	2,0
51-56		**0-E** / 4-I	3/4	25	1	34	18	2,95	0,15	2,0
56-61		**1-E** / 5-I	3/4	25	1	34	18	2,95	0,15	2,0
61-66		**2-E** / 6-I	3/4	25	1	34	18	2,95	0,15	2,0
66-71		**3-E** / 7-I	3/4	25	1	34	18	2,95	0,15	2,0
71-76		**4-E** / 8-I	3/4	25	1	34	18	2,95	0,15	2,0
76-81		5-E	4	25	1	34	18	2,95	0,15	2,0
81-86		6-E	4	25	1	34	18	2,95	0,15	2,0
86-91		7-E	4	25	1	34	18	2,95	0,15	2,0
91-96		8-E	4	25	1	34	18	2,95	0,15	2,0
31-36	AFG0629 15 1581	0-I	3	25	1,5	34	18	2,95	0,15	3,0
39-41		1-I	3	25	1,5	34	18	2,95	0,15	3,0
41-46		2-I	3	25	1,5	34	18	2,95	0,15	3,0
46-51		3-I	3	25	1,5	34	18	2,95	0,15	3,0
51-56		**0-E** / 4-I	3/4	25	1,5	34	18	2,95	0,15	3,0
56-61		**1-E** / 5-I	3/4	25	1,5	34	18	2,95	0,15	3,0
61-66		**2-E** / 6-I	3/4	25	1,5	34	18	2,95	0,15	3,0
66-71		**3-E** / 7-I	3/4	25	1,5	34	18	2,95	0,15	3,0
71-76		**4-E** / 8-I	3/4	25	1,5	34	18	2,95	0,15	3,0
76-81		5-E	4	25	1,5	34	18	2,95	0,15	3,0
81-86		6-E	4	25	1,5	34	18	2,95	0,15	3,0
86-91		7-E	4	25	1,5	34	18	2,95	0,15	3,0
91-96		8-E	4	25	1,5	34	18	2,95	0,15	3,0
31-36	AFG0629 20 1581	0-I	3	25	2	34	18	2,95	0,15	4,0
39-41		1-I	3	25	2	34	18	2,95	0,15	4,0
41-46		2-I	3	25	2	34	18	2,95	0,15	4,0
46-51		3-I	3	25	2	34	18	2,95	0,15	4,0
51-56		**0-E** / 4-I	3/4	25	2	34	18	2,95	0,15	4,0
56-61		**1-E** / 5-I	3/4	25	2	34	18	2,95	0,15	4,0
61-66		**2-E** / 6-I	3/4	25	2	34	18	2,95	0,15	4,0
66-71		**3-E** / 7-I	3/4	25	2	34	18	2,95	0,15	4,0
71-76		**4-E** / 8-I	3/4	25	2	34	18	2,95	0,15	4,0
76-81		5-E	4	25	2	34	18	2,95	0,15	4,0
81-86		6-E	4	25	2	34	18	2,95	0,15	4,0
86-91		7-E	4	25	2	34	18	2,95	0,15	4,0
91-96		8-E	4	25	2	34	18	2,95	0,15	4,0

* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.
Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

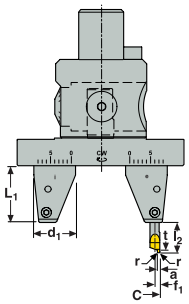
Tabella di selezione:
Utensile per scanalatura – contro il foro – per scanalatura con MPA, per teste FB 760, In mm

Configurazione 3

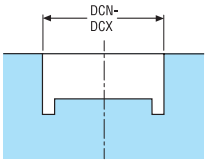




Configurazione 4



	Capacità DCN-DCX ∅ mm*	Utensile di scanalatura contro il foro Descrizione	Posizione portautensili per scanalatura**	Dis-egno	Dimensioni in mm BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.	31-36	AFG0629 25 1581	0-I	3	25	2,5	34	18	2,95	0,15	5,0
	36-41		1-I	3	25	2,5	34	18	2,95	0,15	5,0
	41-46		2-I	3	25	2,5	34	18	2,95	0,15	5,0
	46-51		3-I	3	25	2,5	34	18	2,95	0,15	5,0
	51-56		**0-E** / 4-I	3/4	25	2,5	34	18	2,95	0,15	5,0
	56-61		**1-E** / 5-I	3/4	25	2,5	34	18	2,95	0,15	5,0
	61-66		**2-E** / 6-I	3/4	25	2,5	34	18	2,95	0,15	5,0
	66-71		**3-E** / 7-I	3/4	25	2,5	34	18	2,95	0,15	5,0
	71-76		**4-E** / 8-I	3/4	25	2,5	34	18	2,95	0,15	5,0
	76-81		5-E	4	25	2,5	34	18	2,95	0,15	5,0
	81-86		6-E	4	25	2,5	34	18	2,95	0,15	5,0
	86-91		7-E	4	25	2,5	34	18	2,95	0,15	5,0
	91-96		8-E	4	25	2,5	34	18	2,95	0,15	5,0
Nota: Un assemblato di scanalatura -contro il centraggio- richiede quanto segue: – una testa Axiabore™ Plus (A760 03) – un MPA (BDA16BS25100) – un utensile di scanalatura I (posizione interna) ed un utensile E (posizione esterna) (BAS25FGI35 e BAS25FGE35) per tenere l'utensile di scanalatura o agire da contrappeso (vedere posizione di regolazione in tabella) – un utensile di scanalatura contro il foro (AFG...81) da selezionare nella tabella, in relazione alla larghezza della scanalatura e al diametro.	31-36	AFG0629 30 1581	0-I	3	25	3	34	18	2,95	0,15	6,0
	39-41		1-I	3	25	3	34	18	2,95	0,15	6,0
	41-46		2-I	3	25	3	34	18	2,95	0,15	6,0
	46-51		3-I	3	25	3	34	18	2,95	0,15	6,0
	51-56		**0-E** / 4-I	3/4	25	3	34	18	2,95	0,15	6,0
	56-61		**1-E** / 5-I	3/4	25	3	34	18	2,95	0,15	6,0
	61-66		**2-E** / 6-I	3/4	25	3	34	18	2,95	0,15	6,0
	66-71		**3-E** / 7-I	3/4	25	3	34	18	2,95	0,15	6,0
	71-76		**4-E** / 8-I	3/4	25	3	34	18	2,95	0,15	6,0
	76-81		5-E	4	25	3	34	18	2,95	0,15	6,0
	81-86		6-E	4	25	3	34	18	2,95	0,15	6,0
	86-91		7-E	4	25	3	34	18	2,95	0,15	6,0
	91-96		8-E	4	25	3	34	18	2,95	0,15	6,0

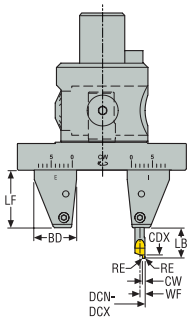


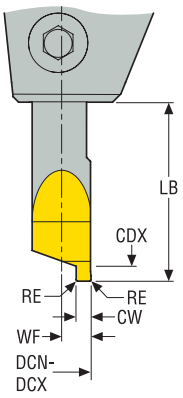
* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.

Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

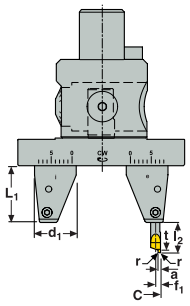
Tabella di selezione:
Utensile per scanalatura - contro il foro - per scanalatura con MPA, per teste FB 760, Pollici

Configurazione 3

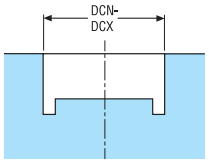




Configurazione 4



Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.



Nota: Un assemblato di scanalatura -contro il centraggio- richiede quanto segue:

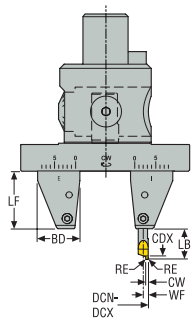
- una testa Axiabore™ Plus (A760 03)
- un MPA (BDA16BS25100)
- un utensile di scanalatura I (posizione interna) ed un utensile E (posizione esterna) (BAS25FGI35 e BAS25FGE35) per tenere l'utensile di scanalatura o agire da contrappeso (vedere posizione di regolazione in tabella)
- un utensile di scanalatura contro il foro (AFG...81) da selezionare nella tabella, in relazione alla larghezza della scanalatura e al diametro.

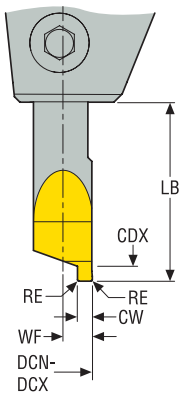
Capacità DCN-DCX ∅ inch*	Utensile di scanalatura contro il foro Descrizione	Posizione portautensili per scanalatura**	Dis-egno	Dimensioni in pollici BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
1.220-1.417	AFG0629 10 1581	0-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.417-1.614		1-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.614-1.811		2-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.811-2.008		3-I	3	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
2.992-3.189		5-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.189-3.386		6-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.386-3.583		7-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
3.583-3.780		8-E	4	*0.984*	*0.0394*	*1.339*	*0.709*	*0.116*	*0.006*	0.079
1.220-1.417	AFG0629 15 1581	0-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.417-1.614		1-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.614-1.811		2-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.811-2.008		3-I	3	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
2.992-3.189		5-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.189-3.386		6-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.386-3.583		7-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
3.583-3.780		8-E	4	*0.984*	*0.0591*	*1.339*	*0.709*	*0.116*	*0.006*	0.118
1.220-1.417	AFG0629 20 1581	0-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.417-1.614		1-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.614-1.811		2-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
1.811-2.008		3-I	3	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
2.992-3.189		5-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.189-3.386		6-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.386-3.583		7-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157
3.583-3.780		8-E	4	*0.984*	*0.0787*	*1.339*	*0.709*	*0.116*	*0.006*	0.157

* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.
Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

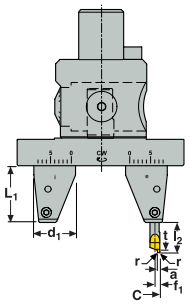
Tabella di selezione:
Utensile per scanalatura – contro il foro – per scanalatura con MPA, per teste FB 760, Pollici

Configurazione 3

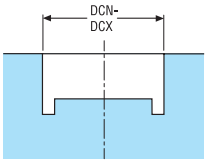




Configurazione 4



	Capacità DCN-DCX ∅ inch*	Utensile di scanalatura contro il foro Descrizione	Posizione portautensili per scanalatura**	Dis-egno	Dimensioni in pollici BD	CW	LF	LB	WF	RE	Prof. max. scanalatura CDX
Selezionare l'utensile per scanalatura adatto e prendere nota della posizione del portautensili per scanalatura sull'MPA per ottenere la capacità di scanalatura richiesta.	*1.220-1.417*	AFG0629 25 1581	0-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	1.417-1.614		1-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	1.614-1.811		2-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	1.811-2.008		3-I	3	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	2.992-3.189		5-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	3.189-3.386		6-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	3.386-3.583		7-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
	3.583-3.780		8-E	4	*0.984*	*0.0984*	*1.339*	*0.709*	*0.116*	*0.006*	0.197
Nota: Un assemblato di scanalatura -contro il centraggio- richiede quanto segue: – una testa Axiabore™ Plus (A760 03) – un MPA (BDA16BS25100) – un utensile di scanalatura I (posizione interna) ed un utensile E (posizione esterna) (BAS25FGI35 e BAS25FGE35) per tenere l'utensile di scanalatura o agire da contrappeso (vedere posizione di regolazione in tabella) – un utensile di scanalatura contro il foro (AFG...81) da selezionare nella tabella, in relazione alla larghezza della scanalatura e al diametro.	*1.220-1.417*	AFG0629 30 1581	0-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	1.417-1.614		1-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	1.614-1.811		2-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	1.811-2.008		3-I	3	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	2.008-2.205		**0-E** / 4-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	2.205-2.402		**1-E** / 5-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	2.402-2.598		**2-E** / 6-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	2.598-2.795		**3-E** / 7-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	2.795-2.992		**4-E** / 8-I	3/4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	2.992-3.189		5-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	3.189-3.386		6-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	3.386-3.583		7-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236
	3.583-3.780		8-E	4	*0.984*	*0.1181*	*1.339*	*0.709*	*0.116*	*0.006*	0.236



* Capacità complementare raggiungibile di +0,2 mm (0,008"). ** Valori consigliati in **grassetto**.
Descrizione dettagliata degli utensili per scanalatura, vedere le pagine 544

Istruzioni

Velocità massime per testine di tipo Axiabore™

Per ulteriori dettagli sull'applicazione fare riferimento alle istruzioni operative fornite con le teste di barenatura e con le barre GL.

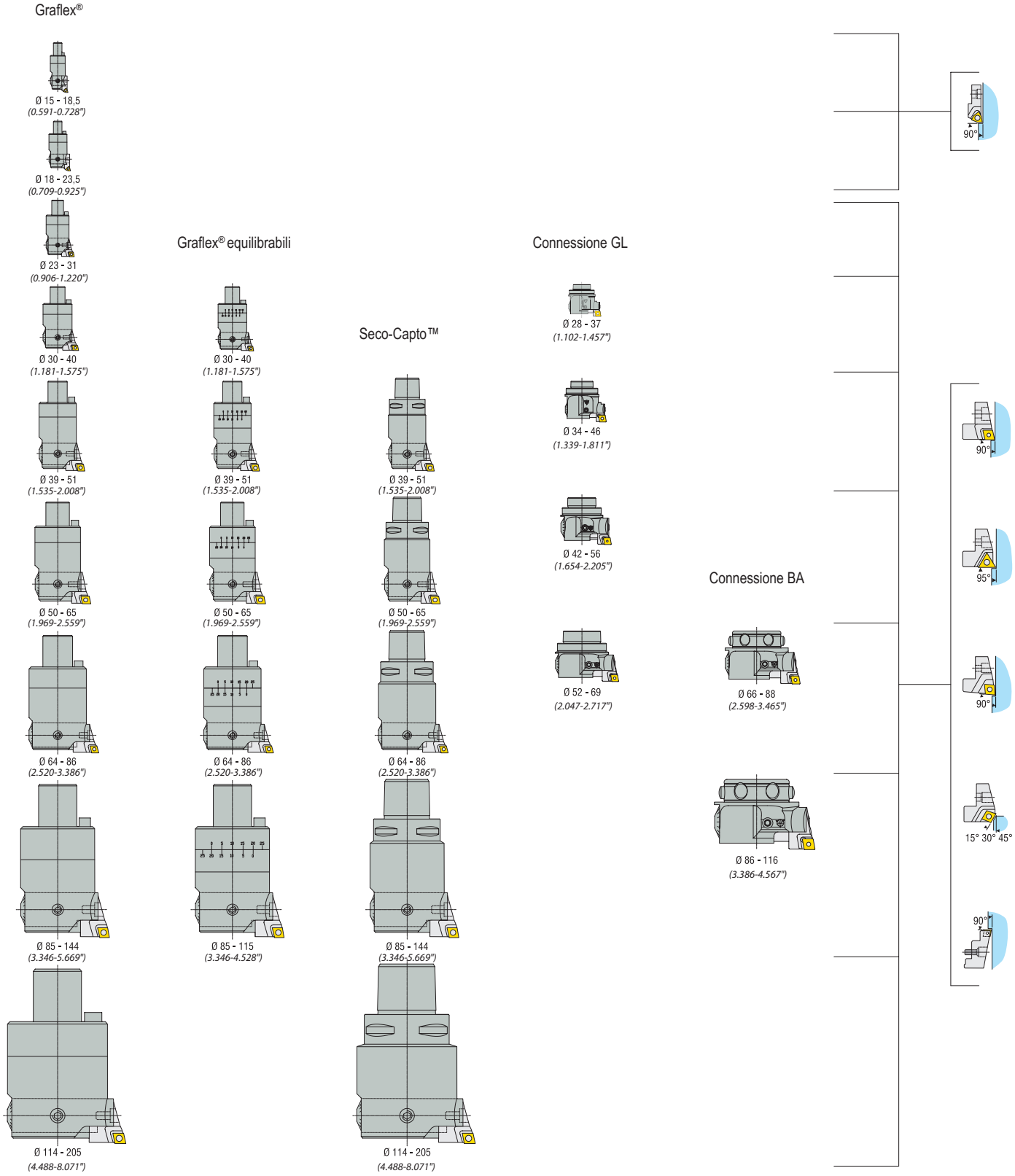
Testa	Capacità ∅ mm *(pollici)*	Numero massimo di giri al minuto con utensile (giri al minuto)	Numero massimo di giri al minuto con MPA (giri al minuto)	Velocità di taglio massima v_c alla cap. min. m/min *(sf/min)*	Velocità di taglio massima v_c alla cap. max m/min *(sf/min)*
Tipo Axiabore™ con connessione Graflex®					
A76001	0,3-8 *(0.0118-0.315)*	30000	–	28* *(92*)*	754* *(2474*)*
A76002	2-20 *(0.0787-0.787)*	12000	–	75* *(246*)*	754* *(2474*)*
A76003	6-108 *(0.236-4.25)*	8000**	5000	151* *(495*)*	1000*** *(3281***)*
A76013	6-33 *(0.236-1.30)*	20000**	5000	377* *(1237*)*	1500*** *(4921***)*
Tipo Axiabore™ con connessione Seco-Capto™					
C5-391.0760-03	6-108 *(0.236-4.25)*	8000*	5000	151* *(495*)*	1000** *(3281**)*

Nota: Le velocità massime sono correlate al design meccanico delle teste di barenatura e alla qualità di equilibratura. Le velocità all'interno di questi limiti devono essere scelte in funzione delle altre condizioni di lavorazione, ad esempio materiale da lavorare, geometria del tagliente (utensili e inserti), lunghezza utensile, mandrino macchina. A velocità superiori agli 8000 giri al minuto, gli attacchi e le prolunghe devono essere equilibrati con precisione. L'uso di teste equilibrabili e attacchi equilibrati con precisione migliora la durata utensile e le prestazioni di barenatura anche a velocità inferiori.
* Velocità di taglio massima consigliata al numero massimo di giri al minuto.
** Non raggiungibile con tutti gli utensili, vedere ***.
*** Velocità di taglio massima da non superare

Istruzioni per la risoluzione dei problemi (valide anche per testine per barenatura di tipo radiale)

Problema	Possibile causa	Soluzione
Scarsa durata utensile	Qualità inserto non corretta	Utilizzare una qualità più resistente all'usura
	Velocità di taglio troppo elevata	Ridurre la velocità di taglio
	Eccessiva profondità di taglio	Diminuire profondità di taglio
Vibrazioni	Velocità di taglio troppo elevata	Ridurre la velocità di taglio
	Rapporto L/D elevato	Accorciare l'utensile per aumentarne la rigidità
		Utilizzare un utensile di barenatura più robusto
		Utilizzare una barra Steadyline
		Utilizzare prolunghe in metallo duro o in metallo pesante
	Inserto non adatto	Ridurre il raggio di punta dell'inserto
		Utilizzare inserti con geometria rettificata
	Sovrametallo non corretto	Cambiare diametro pre-barenatura
Tolleranza diametro e ripetibilità non soddisfacenti	Cambi utensile non corretti	Stelo utensile usurato e danneggiato: sostituirlo
		Pulire mandrino e stelo utensile
	Variazione del sovrametallo	Aggiungere fase di barenatura di semifinitura
	Bassa stabilità mandrino	Utilizzare inserti affilati con geometria rettificata
Scarsa rotondità	Disequilibrio eccessivo utensile di barenatura	Controllare l'eccentricità del mandrino
		Passare alla testina per barenatura LIBRAFLEX®
		Controllare regolazione anello di equilibratura
		Ridurre la velocità
	Forze di taglio troppo elevate	Controllare sovrametallo ed avanzamento
	Bloccaggio insufficiente del pezzo da lavorare	Controllare bloccaggio uniforme del pezzo da lavorare
	Pezzo da lavorare non simmetrico	Ridurre forze di taglio, passare a inserto rettificato
		Aumentare la velocità e ridurre l'avanzamento
Scarsa tolleranza di posizionamento	Preforo non allineato	Aggiungere fase di barenatura di semifinitura
	Eccessiva profondità di taglio	Diminuire profondità di taglio, fare due passaggi
Cattiva finitura superficiale	Raggio dell'inserto non idoneo	Utilizzare un raggio dell'inserto più ampio
	Avanzamento eccessivo	Ridurre avanzamento in modo che sia al max il 30% del raggio dell'inserto
	Scarsa evacuazione del truciolo	Impiegare adduzione refrigerante interna
		Impiegare inserto più positivo (HSS: chiedere informazioni)
		Controllare profondità di taglio
Barenatura conica	Usura prematura	Utilizzare una qualità più resistente all'usura
		Modificare la velocità di taglio
		Aumentare flusso liquido refrigerante

Panoramica


Graflex®
Ø 15 - 18,5
(0.591-0.728")
Ø 18 - 23,5
(0.709-0.925")
Ø 23 - 31
(0.906-1.220")
Ø 30 - 40
(1.181-1.575")
Ø 39 - 51
(1.535-2.008")
Ø 50 - 65
(1.969-2.559")
Ø 64 - 86
(2.520-3.386")
Ø 85 - 144
(3.346-5.669")
Ø 114 - 205
(4.488-8.071")
Graflex® equilibrabili
Ø 30 - 40
(1.181-1.575")
Ø 39 - 51
(1.535-2.008")
Ø 50 - 65
(1.969-2.559")
Ø 64 - 86
(2.520-3.386")
Ø 85 - 115
(3.346-4.528")
Seco-Capto™
Ø 39 - 51
(1.535-2.008")
Ø 50 - 65
(1.969-2.559")
Ø 64 - 86
(2.520-3.386")
Ø 85 - 144
(3.346-5.669")
Ø 114 - 205
(4.488-8.071")
Connessione GL
Ø 28 - 37
(1.102-1.457")
Ø 34 - 46
(1.339-1.811")
Ø 42 - 56
(1.654-2.205")
Ø 52 - 69
(2.047-2.717")
Connessione BA
Ø 66 - 88
(2.598-3.465")
Ø 86 - 116
(3.386-4.567")
90°
90°
95°
90°
15° 30° 45°
90°

Testine per barenatura di finitura – Guida

Caratteristiche

Una testina per barenatura di finitura di tipo radiale è composta dall'assemblato di un corpo (testina) e di un portainserto. Caratteristiche delle testine per barenatura di finitura radiali FB 620, FB 780 e FB 790:

Gamma prodotti

Seco offre una varietà di testine radiali per barenatura di finitura, per soddisfare tutte le vostre necessità con la soluzione più appropriata:

Caratteristiche delle testine per barenatura di finitura radiali FB 620, FB 780 e FB 790



– Regolazione micrometrica Inserire il portainserto con una vite micrometrica di regolazione, 1 incremento = 0,01 mm *(0,0004")* sul diametro ed un nonio, risoluzione di 2,5 µm *(98,4 µin)* sul diametro
– La precisione del meccanismo garantisce l'accuratezza della ripetibilità
– L'orientamento angolare del tagliente è conforme alla norma DIN 69871/ ISO 7388 per SA e alla norma ISO 12164 per HSK
– Refrigerante attraverso la testina diretto verso il tagliente
– Le testine per barenatura FB 780 e FB 620 sono pre-equilibrate sul diametro medio. Le testine FB 790 sono bilanciabili (bilanciatura fine), per prestazioni ottimizzate.

Nota: Caratteristiche, istruzioni (montaggio del portainserto, regolazione del diametro, istruzioni per barenatura in tirata, risoluzione dei problemi, condizioni di lavorazione consigliate, velocità massime), portainserti ed inserti dedicati sono identici a quelli delle testine FB 620, FB 780 e FB 790 di finitura della stessa capacità di barenatura, indipendentemente dal tipo di connessione.

Testine FB 620 per barenatura di finitura, tipo radiale, per barre Steadyline® con smorzamento delle vibrazioni



GL



BA

– 4 testine per barenatura di finitura con connessione lato macchina GL per barenatura di finitura Ø 27–69 mm *(Ø 1,102–2,717")*
– 2 testine per barenatura di finitura con connessione lato macchina BA per barenatura di finitura Ø 66–116 mm *(Ø 2,598–4,567")*

Il loro disegno compatto consente il miglior smorzamento delle vibrazioni quando usate su barre Steadyline® GL di tornitura e di barenatura.

Testine FB 780 per barenatura di finitura, tipo radiale

9 testine per barenatura di precisione con connessione lato macchina Graflex® per barenatura di finitura ∅ 15-205 mm *(Ø 0,591–8,071")* utilizzando portainserti montati radialmente.

5 testine per barenatura di precisione con connessione lato macchina Seco-Capto™ per barenatura di finitura Ø 39–205 mm *(Ø 1,535–8,071")*.

Adattatore Seco-Capto™ e testina Graflex®: ∅ 15-40 mm *(Ø 0,591– 1,575")*.

Nota: Le testine per barenatura di finitura Seco-Capto™ possono barenare fori di ∅ minimo 39 mm *(Ø 1,535")*, con la più piccola dimensione Seco-Capto™ C3. Per ∅ 15-40 mm *(Ø 0,591–1,575")* usare le testine per barenatura Graflex® con dimensione di connessione da G0 a G2, insieme all'appropriato adattatore Seco-Capto™/ Graflex®. Questo offre anche modularità nella lunghezza di barenatura quando si usano prolunghe Graflex®.

Nota: Caratteristiche, istruzioni (montaggio del portainserto, regolazione del diametro, istruzioni per barenatura in tirata, risoluzione dei problemi, condizioni di lavorazione consigliate, velocità massime), portainserti ed inserti dedicati sono analoghi a quelli delle testine FB 780 di finitura della stessa capacità di barenatura, indipendentemente dal tipo di connessione.

Testine FB 790 equilibrabili per barenatura di finitura, tipo radiale

5 testine equilibrabili "Libraflex®" con connessione Graflex® lato macchina per barenatura di finitura ∅ 30-115 mm *(Ø 1,181–4,528")*, ad elevate velocità, fino a 1500 m/min *(4921 sf/min)*,, utilizzando portainserti montati radialmente.

L'equilibratura riduce gli sforzi sul mandrino, i parametri di taglio possono essere ottimizzati, per ottenere una migliore qualità di lavorazione anche alle velocità convenzionali.

L'equilibratura è ottenuta impostando entrambi gli anelli graduati conformemente al diametro da barenare (non servono tabelle).



Caratteristiche

Portainserti

Una testina per barenatura di finitura di tipo radiale è composta dall'assemblato di un corpo (testina) e di un portainserto.

L'ampia gamma di portainserti per barenatura di finitura, smussatura e barenatura in tirata è adatta alle testine per barenatura di finitura FB 620, FB 780 ed FB 790 di tipo radiale.

Portainserti per barenatura di finitura

FBIH 782: angolo di attacco di 90° per inserti WB
FBIH 724: angolo di attacco di 90° per inserti TC
FBIH 725: angolo di attacco di 90° per inserti CC
FBIH 726: angolo di attacco di 95° per inserti CC

Nota: i portainserti con angolo d'attacco 95° devono essere usati per evitare il contatto superficiale quando si esegue la barenatura di un foro cieco.

Portainserti di smussatura, ∅ da 23 a 160 mm *(Ø 0,906–6,299")*

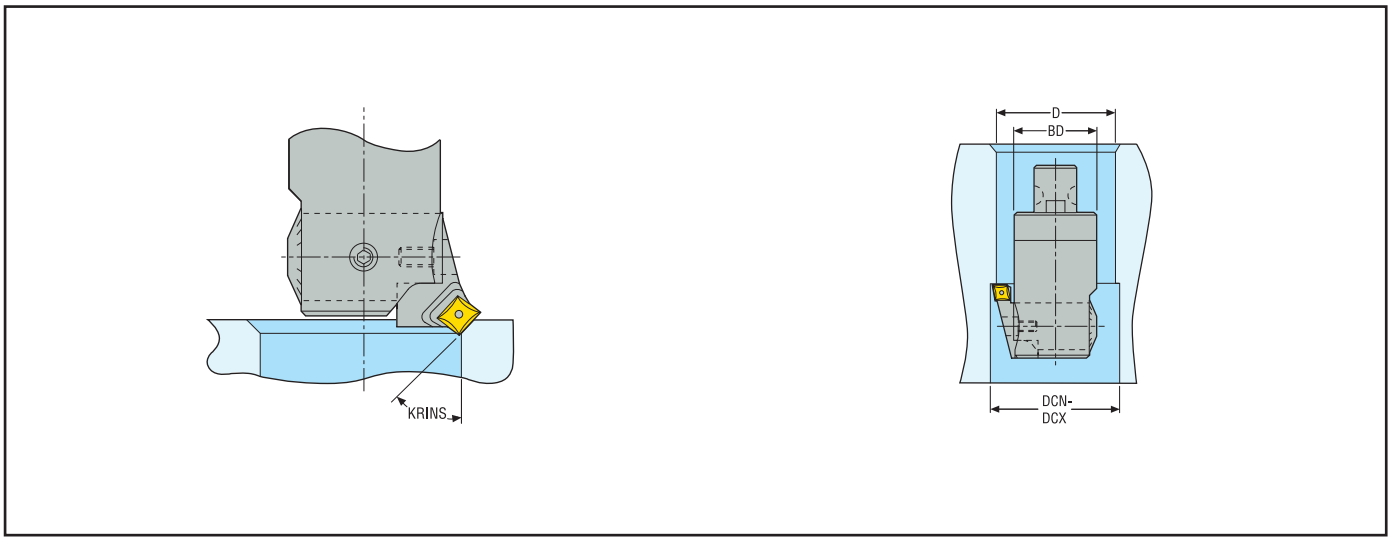
FBIH 729: disponibile con un angolo di attacco di 15°, 30° o 45° per inserti CC.

L'equilibratura Libraflex® può anche essere ottenuta utilizzando i portainserti di smussatura.

Portainserti per barenatura in tirata, ∅ da 26,5 a 164 mm *(Ø 1,043–6,457")*

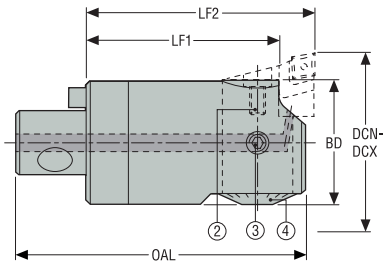
FBIH A789: angolo di attacco di 90° per inserti WB e CC.

L'equilibratura Libraflex® non è possibile quando si utilizzano i portainserti per barenatura in tirata. In questo caso, la maggiore riduzione del disequilibrio è ottenuta quando entrambi gli anelli di equilibratura sono impostati sulla gradazione più alta.



FB780
Graflex®





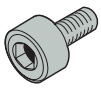
—Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)

2. Vite di assemblaggio
3. Vite di bloccaggio
4. Vite di regolazione micrometrica

Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Dimensione portainserto
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
A78008	00056632	G0	15,0 *0.591*	18,5 *0.728*	44,0 *1.732*	27,5 *1.083*	35,0 *1.378*	14,0 *0.551*	0,1 *0.2*	09
A78009	00056633	G0	18,0 *0.709*	23,5 *0.925*	44,0 *1.732*	27,5 *1.083*	35,0 *1.378*	17,0 *0.669*	0,1 *0.2*	09
A78010	00072991	G1	23,0 *0.906*	31,0 *1.220*	51,5 *2.028*	32,5 *1.280*	40,0 *1.575*	21,5 *0.846*	0,2 *0.4*	10
A78020	00072992	G2	30,0 *1.181*	40,0 *1.575*	59,5 *2.343*	37,5 *1.476*	45,0 *1.772*	27,0 *1.063*	0,3 *0.7*	20
A78030	00072993	G3	39,0 *1.535*	51,0 *2.008*	82,0 *3.228*	54,5 *2.146*	65,0 *2.559*	35,0 *1.378*	0,6 *1.3*	30
A78040	00072995	G4	50,0 *1.969*	65,0 *2.559*	93,0 *3.661*	61,5 *2.421*	72,0 *2.835*	43,0 *1.693*	0,9 *2.0*	40
A78050	00072996	G5	64,0 *2.520*	86,0 *3.386*	109,0 *4.291*	71,5 *2.815*	82,0 *3.228*	54,0 *2.126*	1,6 *3.5*	50
A78060	00056551	G6	85,0 *3.346*	144,0 *5.669*	140,0 *5.512*	88,5 *3.484*	105,0 *4.134*	70,0 *2.756*	3,2 *7.1*	*60/65*
A78070	00056552	G7	114,0 *4.488*	205,0 *8.071*	160,0 *6.299*	98,5 *3.878*	115,0 *4.528*	95,0 *3.740*	6,4 *14.1*	*70/75*

I portainserti devono essere ordinati a parte, vedere le pagine 568, 569-571
Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio	Tenone
					
A78008	960D30050S	DOUBLE-T	H4B-H2.0	19A7100403	–
A78009	LBHF0306R	DOUBLE-T	H4B-H2.0	19A71000	90M0
A78010	19TB0305	DOUBLE-T	H4B-H2.0	19A71000	90M1
A78020	19TB0305	H4B-H2.0	–	950L0406	90M2
A78030	19TB04075	–	03M03C	950L0608	90M3
A78040	19TB04075	–	03M03C	950L0612	90M4
A78050	950D0410	–	03M03C	950L0616	90M5
A78060	950D0612	DOUBLE-T	H6B-H5.0L	950L1016	90M6
A78070	950D0616	DOUBLE-T	H6B-H5.0L	950L1030	90M7

Accessori

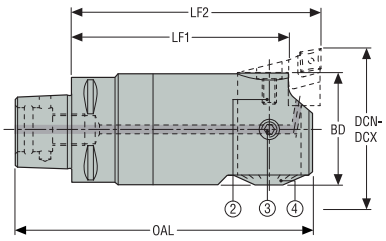
Chiave dinamometrica per viti di bloccaggio e di assemblaggio

H00-2009
H00-2009
H00-2009
H00-2009
H00-3030
H00-3030
H00-3030
H00T-50100
H00T-50100

FB780

Seco-Capto™





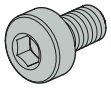
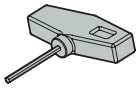
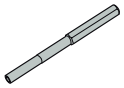
—Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)

2. Vite di assemblaggio
3. Vite di bloccaggio
4. Vite di regolazione micrometrica

Codice di ordinazione	Codice prodotto	Lato macchina	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Dimensione portainserto
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
C3-391.0780-30	02809740	C3	39,0 *1.535*	51,0 *2.008*	86,0 *3.386*	59,5 *2.343*	70,0 *2.756*	35,0 *1.378*	0,6 *1.3*	30
C4-391.0780-40	02809742	C4	50,0 *1.969*	65,0 *2.559*	103,0 *4.055*	71,5 *2.815*	82,0 *3.228*	43,0 *1.693*	1,0 *2.2*	40
C5-391.0780-50	02809744	C5	64,0 *2.520*	86,0 *3.386*	119,0 *4.685*	81,5 *3.209*	92,0 *3.622*	54,0 *2.126*	1,7 *3.8*	50
C6-391.0780-60	02809745	C6	85,0 *3.346*	144,0 *5.669*	150,0 *5.906*	100,5 *3.957*	117,0 *4.606*	70,0 *2.756*	3,3 *7.3*	60
C8-391.0780-70	02809747	C8	114,0 *4.488*	205,0 *8.071*	181,0 *7.126*	121,5 *4.783*	138,0 *5.433*	95,0 *3.740*	7,1 *15.7*	70

I portainserti devono essere ordinati a parte, vedere le pagine 568, 569–571
Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio	Chiave (a bandiera)	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio
					
C3-391.0780-30	19TB04075	03M03C	–	–	950L0608
C4-391.0780-40	19TB04075	03M03C	–	–	950L0612
C5-391.0780-50	950D0410	03M03C	–	–	950L0616
C6-391.0780-60	950D0612	–	DOUBLE-T	H6B-H5.0L	950L0616
C8-391.0780-70	950D0616	–	DOUBLE-T	H6B-H5.0L	950L1030

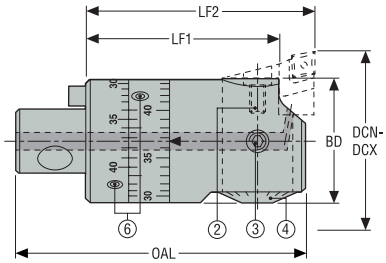
Accessori

Per	Chiave dinamometrica per viti di bloccaggio e di assemblaggio
	
C3-391.0780-30	H00-3030
C4-391.0780-40	H00-3030
C5-391.0780-50	H00-3030
C6-391.0780-60	H00T-50100
C8-391.0780-70	H00T-50100

FB780 Libraflex® equilibrabile

Graflex®





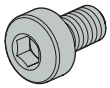
—Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)
—L'equilibratura è ottenuta impostando entrambi gli anelli conformemente al diametro da barenare
—Per velocità v_c fino a 1 495 m/min e superiori, vedere le pagine 572

6. Vite di bloccaggio 2
2. Vite di assemblaggio
3. Vite di bloccaggio 1
4. Vite di regolazione micrometrica

Codice di ordinazione	Codice prodotto	Lato macchina Dimensione Graflex	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Dimensione portainserto
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
A79020	00055932	G2	30,0 *1.181*	40,0 *1.575*	59,5 *2.343*	37,5 *1.476*	45,0 *1.772*	27,0 *1.063*	0,3 *0.7*	20
A79030	00056005	G3	39,0 *1.535*	51,0 *2.008*	82,0 *3.228*	54,5 *2.146*	65,0 *2.559*	35,0 *1.378*	0,6 *1.3*	30
A79040	00056006	G4	50,0 *1.969*	65,0 *2.559*	93,0 *3.661*	61,5 *2.421*	72,0 *2.835*	43,0 *1.693*	0,9 *2.0*	40
A79050	00056007	G5	64,0 *2.520*	86,0 *3.386*	109,0 *4.291*	71,5 *2.815*	82,0 *3.228*	54,0 *2.126*	1,5 *3.3*	50
A79060	00001451	G6	85,0 *3.346*	115,0 *4.528*	140,0 *5.512*	88,5 *3.484*	105,0 *4.134*	70,0 *2.756*	3,0 *6.6*	60

I portainserti devono essere ordinati a parte, vedere le pagine 568, 569–571
Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio 1	Vite di bloccaggio 2	Tenone
						
A79020	19TB0305	DOUBLE-T	H4B-H2.0	950L0406	960D30045S	90M2
A79030	19TB04075	–	03M03C	950L0608	AU7901030	90M3
A79040	19TB04075	–	03M03C	950L0612	AU7901040	90M4R
A79050	950D0410	–	03M03C	950L0616	AU7901050	90M51
A79060	950D0612	DOUBLE-T	H6B-H5.0L	950L1016	AU7901060	90M6

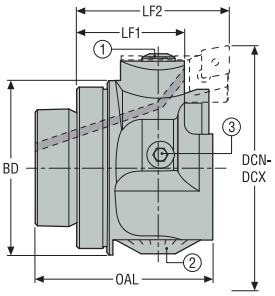
Accessori

Per testa	Chiave dinamometrica per viti di bloccaggio dell'anello di equilibratura	Chiave dinamometrica per viti di bloccaggio e di assemblaggio
		
A79020	–	H00-2009
A79030	H00-3020	H00-3030
A79040	H00-3020	H00-3030
A79050	H00-3020	H00-3030
A79060	H00T-5050	H00T-50100

FB 620 GL - Teste per barenatura di finitura

compatto, con connessione GL





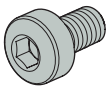
—Per barre di tornitura e barenatura Steadyline® GL25, GL32, GL40 e GL50
—Adduzione interna di refrigerante verso il tagliente
—Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)

1. Vite di assemblaggio
2. Vite di regolazione micrometrica
3. Vite di bloccaggio

Codice di ordinazione	Codice prodotto	Lato macchina Dimensione GL	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Max. num. di giri**
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
GL32-0620-20	02904469	GL32	34,0 *1.339*	46,0 *1.811*	35,2 *1.386*	23,7 *0.933*	32,0 *1.260*	32,0 *1.260*	0,2 *0.4*	7000
GL40-0620-30	02904470	GL40	42,0 *1.654*	56,0 *2.205*	40,7 *1.602*	24,7 *0.972*	35,0 *1.378*	40,0 *1.575*	0,3 *0.7*	5600
GL50-0620-40	02904471	GL50	52,0 *2.047*	69,0 *2.717*	43,7 *1.720*	25,7 *1.012*	36,0 *1.417*	50,0 *1.969*	0,4 *0.9*	4800

I portainserti devono essere ordinati a parte, vedere le pagine 568, 569–571
** Per ulteriori informazioni sul numero massimo di giri al minuto, vedere le pagine di istruzioni.
Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

Per testa	Vite di assemblaggio	Chiave per vite staffa	Chiave (impugnatura a T)	Vite di bloccaggio
				
GL32-0620-20	19TB0305	H4B-H2.0	DOUBLE-T	950L0406
GL40-0620-30	19TB04075	03M03C	–	950L0608
GL50-0620-40	19TB04075	03M03C	–	950L0608

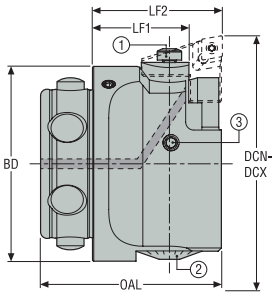
Accessori

Per testa	Chiave dinamometrica per viti di bloccaggio e di assemblaggio
	
GL32-0620-20	H00-2009
GL40-0620-30	H00-3030
GL50-0620-40	H00-3030

FB 620 BA – Teste per barenatura di finitura

con connessione BA





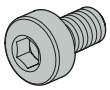
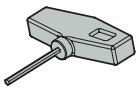
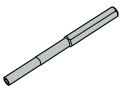
—Progettate per barre Steadyline® BA60 e BA80 per tornitura e barenatura
—Adduzione interna di refrigerante verso il tagliente
—Con regolazione micrometrica (incremento 0,01 mm e nonio 2,5 µm, sul diametro)

1. Vite di assemblaggio
2. Vite di regolazione micrometrica
3. Vite di bloccaggio

Codice di ordinazione	Codice prodotto	Lato macchina Dimensione BA	Lato utensile Capacità DCN-DCX Ø		OAL	LF1	LF2	BD	Peso	Max. num. di giri**
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
BA060-FB620-50	03204094	BA060	65,0 *2.559*	87,0 *3.425*	55,7 *2.193*	29,7 *1.169*	40,0 *1.575*	60,0 *2.362*	0,7 *1.5*	4000
BA080-FB620-60	03204095	BA080	85,0 *3.346*	115,0 *4.528*	58,2 *2.291*	26,7 *1.051*	41,2 *1.622*	80,0 *3.150*	1,2 *2.7*	3000

I portainserti devono essere ordinati a parte, vedere le pagine 521
** Per ulteriori informazioni sul numero massimo di giri al minuto, vedere le pagine di istruzioni.
Nota: Il peso è senza portainserto

Parti di ricambio, comprese nella fornitura

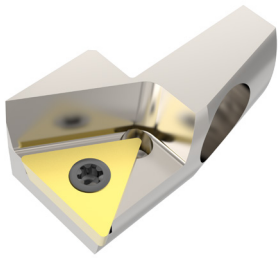
Per testa	Vite di assemblaggio	Chiave (a bandiera)	Chiave (impugnatura a T)	Chiave	Vite di bloccaggio
					
BA060-FB620-50	19TB04075	03M03C	–	–	950L0608
BA080-FB620-60	950D0514	–	DOUBLE-T	H6B-H5.0L	950L0608

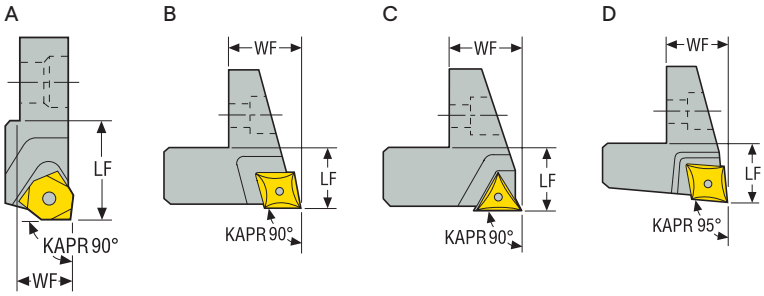
Accessori

Per testa	Chiave dinamometrica per viti di bloccaggio e di assemblaggio
	
BA060-FB620-50	H00-3030
BA080-FB620-60	H00T-50100

Portainserto

per teste per barenatura di finitura FB 620 / 780 / 790





—Per teste di barenatura radiale FB 620 / 780 / 790
—**L'equilibratura di precisione delle teste FB A790 non è possibile quando si utilizzano portainserti grandi.

Codice di ordinazione	Codice prodotto	Tipologia portainserto	Capacità DCN-DCX ∅ mm Inch		LF mm Inch	WF mm Inch	Peso kg lb	Per testa	KRINS°	**	Dimensione portainserto	Dimensione inserto	Disegno
A78209	00056634	90° per inserti WB	15,0 0.591	23,5 0.925	7,2 0.283	4,0 0.157	0,1 0.220	FB 78008 / FB 78009	90		09	WB...0301...	A
A72510	00056580	90° per inserti CC	23,0 0.906	31,0 1.220	10,3 0.406	4,5 0.177	0,1 0.220	FB 78010 / FB62010	90		10	CC...0602...	B
A72520	00056581	90° per inserti CC	30,0 1.181	46,0 1.811	8,3 0.327	5,0 0.197	0,1 0.220	FB 78020 / FB 79020 / FB 62020	90		20	CC...0602...	B
A72530	00056582	90° per inserti CC	39,0 1.535	56,0 2.205	10,3 0.406	8,0 0.315	0,1 0.220	FB 78030 / FB 79030 / FB 62030	90		30	CC...0602...	B
A72540	00056583	90° per inserti CC	50,0 1.969	69,0 2.717	10,3 0.406	9,5 0.374	0,1 0.220	FB 78040 / FB 79040 / FB 62040	90		40	CC...0602...	B
A72550	00056584	90° per inserti CC	64,0 2.520	86,0 3.386	10,3 0.406	12,5 0.492	0,1 0.220	FB 78050 / FB 79050 / FB 62050	90		50	CC...0602...	B
A7256A	02689978	90° per inserti CC	85,0 3.346	115,0 4.528	14,5 0.571	18,5 0.728	0,1 0.220	BA080-FB620-60	90		6A	CC...09T3...	B
A72560	00056585	90° per inserti CC	85,0 3.346	115,0 4.528	16,5 0.650	18,9 0.744	0,2 0.440	FB 78060 / FB 79060 / FB 731S500	90		60	CC...09T3...	B
A72565	00056587	90° per inserti CC	114,0 4.488	144,0 5.669	16,5 0.650	33,7 1.327	0,2 0.440	FB 78060 / FB 79060 / FB 731S500	90	**	65	CC...09T3...	B
A72570	00056588	90° per inserti CC	114,0 4.488	160,0 6.299	16,5 0.650	18,9 0.744	0,2 0.440	FB 78070	90		70	CC...09T3...	B
A72575	00056589	90° per inserti CC	159,0 6.260	205,0 8.071	16,5 0.650	41,7 1.642	0,2 0.440	FB 78070	90		75	CC...09T3...	B
A72430	00056572	90° per inserti TC	39,0 1.535	56,0 2.205	10,3 0.406	7,9 0.311	0,1 0.220	FB 78030 / FB 79030 / FB 62030	90		30	TC...1102...	C
A72440	00056573	90° per inserti TC	50,0 1.969	69,0 2.717	10,3 0.406	9,4 0.370	0,1 0.220	FB 78040 / FB 79040 / FB 62040	90		40	TC...1102...	C
A72450	00056574	90° per inserti TC	64,0 2.520	86,0 3.386	10,3 0.406	12,4 0.488	0,1 0.220	FB 78050 / FB 79050 / FB 62050	90		50	TC...1102...	C
A72460	00056575	90° per inserti TC	85,0 3.346	115,0 4.528	16,3 0.642	18,9 0.744	0,1 0.220	FB 78060 / FB 79060 / FB 731S500	90		60	TC...1102...	C
A72465	00056577	90° per inserti TC	114,0 4.488	144,0 5.669	16,5 0.650	33,7 1.327	0,2 0.440	FB 78060 / FB 79060 / FB 731S500	90	**	65	TC...1102...	C
A72470	00056578	90° per inserti TC	114,0 4.488	160,0 6.299	16,3 0.642	18,9 0.744	0,2 0.440	FB 78070	90		70	TC...1102...	C
A72475	00056579	90° per inserti TC	159,0 6.260	205,0 8.071	16,5 0.650	41,7 1.642	0,2 0.440	FB 78070	90		75	TC...1102...	C
A72610	00056590	95° per inserti CC	23,0 0.906	31,0 1.220	10,3 0.406	4,5 0.177	0,1 0.220	FB 78010	95		10	CC...0602...	D
A72620	00056591	95° per inserti CC	30,0 1.181	46,0 1.811	8,3 0.327	5,0 0.197	0,1 0.220	FB 78020 / FB 79020 / FB 62020	95		20	CC...0602...	D
A72630	00056592	95° per inserti CC	39,0 1.535	56,0 2.205	10,3 0.406	8,0 0.315	0,1 0.220	FB 78030 / FB 79030 / FB 62030	95		30	CC...0602...	D
A72640	00056593	95° per inserti CC	50,0 1.969	69,0 2.717	10,3 0.406	9,5 0.374	0,1 0.220	FB 78040 / FB 79040/ FB 62040	95		40	CC...0602...	D
A72650	00056594	95° per inserti CC	64,0 2.520	86,0 3.386	10,3 0.406	12,5 0.492	0,1 0.220	FB 78050 / FB 79050 / FB 62050	95		50	CC...0602...	D
A72660	00056595	95° per inserti CC	85,0 3.346	115,0 4.528	16,5 0.650	18,9 0.744	0,2 0.440	FB 78060 / FB 79060 / FB 731S500	95		60	CC...09T3...	D
A72665	00056597	95° per inserti CC	114,0 4.488	144,0 5.669	16,5 0.650	33,7 1.327	0,2 0.440	FB 78060 / FB 79060 / FB 731S500	95	**	65	CC...09T3...	D

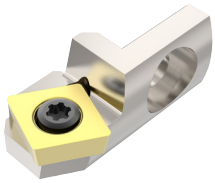
Codice di ordinazione	Codice prodotto	Tipologia portainserto	Capacità DCN-DCX ∅		LF	WF	Peso	Per testa	KRINS°	**	Dimensione portainserto	Dimensione inserto	Disegno
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*						
A72670	00056598	95° per inserti CC	114,0 *4.488*	160,0 *6.299*	16,5 *0.650*	18,9 *0.744*	0,2 *0.440*	FB 78070	95		70	CC...09T3...	D
A72675	00056599	95° per inserti CC	159,0 *6.260*	205,0 *8.071*	16,5 *0.650*	41,7 *1.642*	0,2 *0.440*	FB 78070	95		75	CC...09T3...	D

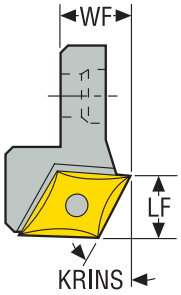
Parti di ricambio, comprese nella fornitura

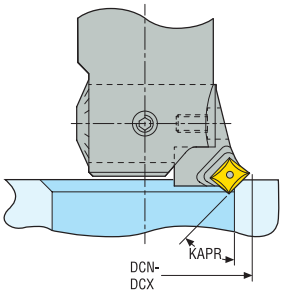
Per dimensione inserto	Chiave per vite inserto	Vite di bloccaggio inserto	Chiave (impugnatura a T)
			
WB...0301...	H4B-T06P	C02035-T06P	DOUBLE-T
CC...0602...	H4B-T07P	C02504-T07P	DOUBLE-T
CC...09T3...	H4B-T15P	C04008-T15P	DOUBLE-T
TC...1102...	H4B-T07P	C02504-T07P	DOUBLE-T

Portainserti per smussatura

per teste per barenatura di finitura FB 620 / 780 / 790







—Per teste di barenatura radiale FB 620 / 780 / 790

Codice di ordinazione	Codice prodotto	Per testa	Dimensione portainserto	Capacità DCN-DCX ∅		LF	WF	Peso	KRINS°	KAPR°	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*			
A72910CC0630	00086885	FB 78010	10	23,0 *0.906*	31,0 *1.220*	10,8 *0.425*	4,5 *0.177*	0,1 *0.220*	30	30	CC...0602...
A72920CC0630	00086888	FB 78020 / FB 79020/ GL32-0620-20	20	30,0 *1.181*	46,0 *1.811*	10,0 *0.394*	4,9 *0.193*	0,1 *0.220*	30	30	CC...0602...
A72930CC0630	00086891	FB 78030 / FB 79030 / FB 62030	30	39,0 *1.535*	56,0 *2.205*	10,5 *0.413*	8,1 *0.319*	0,1 *0.220*	30	30	CC...0602...
A72940CC0630	00086894	FB 78040 / FB 79040 / FB 62040	40	50,0 *1.969*	69,0 *2.717*	10,5 *0.413*	9,5 *0.374*	0,1 *0.220*	30	30	CC...0602...
A72950CC0630	00086897	FB 78050 / FB 79050	50	64,0 *2.520*	86,0 *3.386*	10,5 *0.413*	12,5 *0.492*	0,1 *0.220*	30	30	CC...0602...
A72960CC0930	00086900	FB 78060 / FB 79060 / A731S500	60	85,0 *3.346*	115,0 *4.528*	16,5 *0.650*	19,1 *0.752*	0,08 *0.180*	30	30	CC...09T3...
A72970CC0930	00086903	FB 78070	70	114,0 *4.488*	160,0 *6.299*	16,4 *0.646*	18,8 *0.740*	0,09 *0.200*	30	30	CC...09T3...
A72910CC0645	00086886	FB 78010	10	23,0 *0.906*	31,0 *1.220*	11,5 *0.453*	4,5 *0.177*	0,01 *0.020*	45	45	CC...0602...
A72920CC0645	00086889	FB 78020 / FB 79020 / FB 62020	20	30,0 *1.181*	46,0 *1.811*	10,0 *0.394*	5,0 *0.197*	0,1 *0.220*	45	45	CC...0602...
A72930CC0645	00086892	FB 78030 / FB 79030 / FB 62030	30	39,0 *1.535*	56,0 *2.205*	10,5 *0.413*	8,1 *0.319*	0,1 *0.220*	45	45	CC...0602...
A72940CC0645	00086895	FB 78040 / FB 79040 / FB 62040	40	50,0 *1.969*	69,0 *2.717*	10,5 *0.413*	9,5 *0.374*	0,1 *0.220*	45	45	CC...0602...
A72950CC0645	00086898	FB 78050 / FB 79050	50	64,0 *2.520*	86,0 *3.386*	10,3 *0.406*	12,4 *0.488*	0,02 *0.040*	45	45	CC...0602...
A72960CC0945	00086901	FB 78060 / FB 79060 / A731S500	60	85,0 *3.346*	115,0 *4.528*	16,5 *0.650*	19,1 *0.752*	0,2 *0.440*	45	45	CC...09T3...
A72970CC0945	00086904	FB 78070	70	114,0 *4.488*	160,0 *6.299*	16,4 *0.646*	18,8 *0.740*	0,09 *0.200*	45	45	CC...09T3...

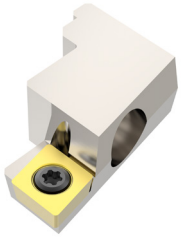
Per i ricambi di viti e chiavi inserto , vedere le pagine 616
**Per la capacità DC con ponti di barenatura e ponti di barenatura Jumbo, vedere pagina 580

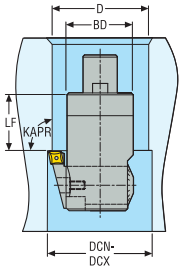
Parti di ricambio, comprese nella fornitura

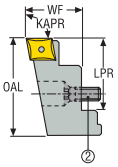
Per dimensione inserto	Chiave per vite inserto	Vite di bloccaggio inserto	Chiave (impugnatura a T)
			
CC...0602...	H4B-T07P	C02504-T07P	DOUBLE-T
CC...09T3...	H4B-T15P	C04008-T15P	DOUBLE-T

Portainserti per barenatura di finitura in tirata

per teste per barenatura di finitura FB 620 / 780 / 790







—Per teste di barenatura radiale FB 620 / 780 / 790
—L'equilibratura di precisione delle teste FB 790 non è possibile quando si utilizzano portainserti per barenatura in tirata
—KRINS 90°
—Dimensione inserto: CC...0602...

Codice di ordinazione	Codice prodotto	Per testa	Capacità DCN-DCX di barenatura in tirata Ø		LF	BD	OAL	LPR	WF	Peso
			mm	*(Inch)*	mm *(Inch)*	mm *(Inch)*	mm *(Inch)*	mm *(Inch)*	mm *(Inch)*	kg *(lb)*
A789X10CC0690	00086907	A78010 A78020 & A79020 GL32-0620-20	39,5-47,5 46-56 49,7-61,7	*(1.555-1.870)* *(1.811-2.205)* *(1.957-2.429)*	16,5 *(0.650)* 21,5 *(0.846)* 7,75 *(0.305)*	21,5 *(0.846)* 27 *(1.063)* 32 *(1.260)*	30,5 *(1.201)*	16,0 *(0.630)*	12,8 *(0.504)*	0,01 *(0.020)*
A789X30CC0690	00086910	A78030 & A79030 A78040 & A79040 A78050 & A79050 GL40-0620-30 GL50-0620-40	53-65 61-76 69-91 57,6-70,2 67,6-80,2	*(2.087-2.559)* *(2.402-2.992)* *(2.717-3.583)* *(2.268-2.764)* *(2.661-3.157)*	32 *(1.260)* 39 *(1.535)* 49 *(1.929)* 1,75 *(0.069)* 2,75 *(0.108)*	35 *(1.378)* 43 *(1.693)* 54 *(2.126)* 40 *(1.575)* 50 *(1.969)*	30,0 *(1.181)*	23,0 *(0.906)*	15,0 *(0.591)*	0,03 *(0.070)*
A789X60CC0690	00086909	A78060 & A79060	89-119 *	*(3.504-4.685 *)*	50 *(1.969)*	70 *(1.969)*	50,0 *(1.969)*	38,5 *(1.516)*	21,0 *(0.827)*	0,09 *(0.200)*
A789X70CC0690	00086911	A78070	118-164	*(4.646-6.457)*	60 *(2.362)*	95 *(2.362)*	50,0 *(1.969)*	38,5 *(1.516)*	21,0 *(0.827)*	0,1 *(0.220)*

*Per la capacità di barenatura in tirata DC con ponti di barenatura e ponti di barenatura Jumbo, vedere pagina 584
Per i ricambi di viti e chiavi inserto , vedere le pagine 616
La fornitura di portainserti per barenatura di finitura in tirata include una specifica vite di serraggio del portainserti, da utilizzare al posto della vite di serraggio standard fornita con le teste di barenatura.

DCN/DCX mini = D+BD / 2 + 0,5 mm (0,02") diametro da 39,5 a 47,5 (da 1,555" a 1,870")
DCB/DCX mini = D+BD / 2 + 1 mm (0,039") diametro da 46 a 64 (da 1,811" a 2,520")

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio	Vite di bloccaggio inserto	Chiave (impugnatura a T)	Chiave
				
A789X10CC0690	950F0308	C02504-T07P	DOUBLE-T	H4B-T07P
A789X30CC0690	950F0410	C02504-T07P	DOUBLE-T	H4B-T07P
A789X60CC0690	–	C02504-T07P	DOUBLE-T	H4B-T07P
A789X70CC0690	–	C02504-T07P	DOUBLE-T	H4B-T07P

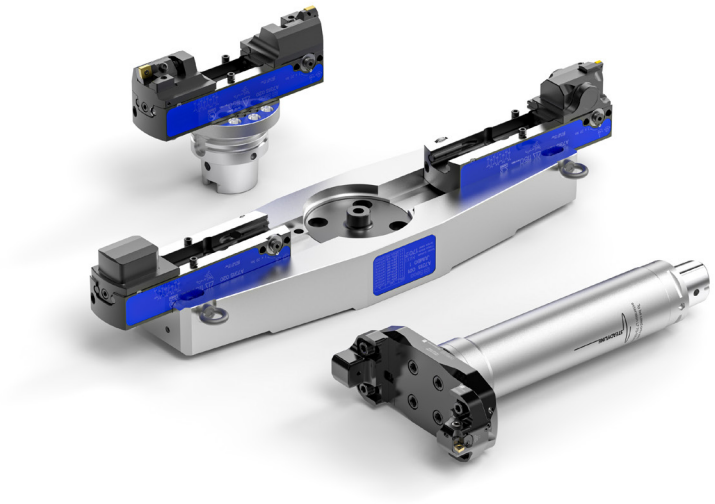
Testine per barenatura di finitura FB 780/790 – Istruzioni

Condizioni di lavorazione consigliate
Per ulteriori dettagli sull'applicazione, fare riferimento alle istruzioni operative fornite con le testine per barenatura e con le barre GL.

Velocità massime per testine per barenatura di finitura, tipo radiale
Le velocità massime mostrate sulle pagine prodotto dipendono dalla struttura meccanica delle testine per barenatura e dalla qualità di equilibratura. Le velocità all'interno di questi limiti devono essere scelte in funzione delle altre condizioni di lavorazione, ad esempio materiale da lavorare, geometria del tagliente, lunghezza utensile, mandrino macchina.
Nelle applicazioni di barenatura con barre Steadyline®, non superare mai le massime velocità di rotazione delle barre stesse: Vedere le istruzioni operative fornite con le barre Steadyline®.
Di seguito sono riportati il massimo numero di giri/min per testine per barenatura qualora si impieghino portainserti di barenatura o smussatura. Qualora si impieghino portainserti per barenatura in tirata su testine FB 620, FB 790 o FB 780, fare riferimento al massimo numero di giri per testine A780.., di dimensione simile.

Testa	Capacità ∅ mm *(pollici)*	Max. num. di giri	Velocità di taglio massima consigliata v_c alla cap. min. m/min *(sf/min)*	Velocità di taglio massima consigliata v_c alla cap. max. m/min *(sf/min)*
Teste per barenatura di finitura FB 620, con connessione GL e BA, per barre Steadyline di tornitura e barenatura con smorzamento delle vibrazioni ®				
GL25-FB620-10	27-35 *(1.063-1.378)*	9000	760 *(2493)*	1000 *(3281)*
GL32-FB620-20	34-46 *(1.339-1.811)*	7000	748 *(2454)*	1012 *(3320)*
GL32-FB620-30	42-56 *(1.654-2.205)*	5600	739 *(2425)*	985 *(3232)*
GL32-FB620-40	52-69 *(2.047-2.717)*	4800	784 *(2572)*	1040 *(3412)*
BA060-FB620-50	66-88 *(2.598-3.465)*	4000	830 *(2723)*	1105 *(3625)*
BA080-FB620-60	86-116 *(3.386-4.567)*	3000	810 *(2657)*	1093 *(3586)*
FB 790 Teste per barenatura di finitura, equilibrabili, con connessione Graflex®				
A79020	30-40 *(1.181-1.575)*	16000	1508 *(4948)*	2011 *(6598)*
A79030	39-51 *(1.535-2.008)*	12250	1501 *(4925)*	1963 *(6440)*
A79040	50-65 *(1.969-2.559)*	10000	1571 *(5154)*	2042 *(6699)*
A79050	64-86 *(2.520-3.386)*	7500	1508 *(4948)*	2026 *(6647)*
A79060	85-115 *(3.346-4.528)*	5600	1495 *(4905)*	2023 *(6637)*
FB 780 Teste per barenatura di finitura, con connessione Graflex®				
A78008	15-18,5 *(0.591-0.728)*	16000	754 *(2474)*	930 *(3051)*
A78009	18-23,5 *(0.709-0.925)*	13000	735 *(2411)*	960 *(3150)*
A78010	23-31 *(0.906-1.220)*	10000	723 *(2372)*	974 *(3196)*
A78020	30-40 *(1.181-1.575)*	8000	754 *(2474)*	1005 *(3297)*
A78030	39-51 *(1.535-2.008)*	6000	735 *(2411)*	961 *(3153)*
A78040	50-65 *(1.969-2.559)*	5000	785 *(2575)*	1021 *(3350)*
A78050	64-86 *(2.520-3.386)*	3700	744 *(2441)*	1000 *(3281)*
A78060	85-115 *(3.346-4.528)*	2700	721 *(2365)*	975 *(3199)*
	114-144 *(4.488-5.669)*	2200	788 *(2585)*	995 *(3264)*
A78070	114-160 *(4.488-6.299)*	2000	716 *(2349)*	1005 *(3297)*
	159-205 *(6.260-8.071)*	1600	799 *(2621)*	1030 *(3379)*
FB 780 Teste per barenatura di finitura, con connessione Seco-Capto™				
C3-391.0780-30	39-51 *(1.535-2.008)*	6000	735 *(2411)*	961 *(3153)*
C4-391.0780-40	50-65 *(1.969-2.559)*	5000	785 *(2575)*	1021 *(3350)*
C5-391.0780-50	64-86 *(2.520-3.386)*	3700	744 *(2441)*	1000 *(3281)*
C6-391.0780-60	85-115 *(3.346-4.528)*	2700	721 *(2365)*	975 *(3199)*
	114-144 *(4.488-5.669)*	2200	788 *(2585)*	995 *(3264)*
C8-391.0780-70	114-160 *(4.488-6.299)*	2000	716 *(2349)*	1005 *(3297)*
	159-205 *(6.260-8.071)*	1600	799 *(2621)*	1030 *(3379)*

Nota: Le velocità massime dipendono dalla struttura meccanica delle teste di barenatura e dalla qualità di equilibratura. Le velocità massime sono correlate alla struttura meccanica della testa di barenatura e alla qualità di equilibratura. Le velocità all'interno di questi limiti devono essere scelte in funzione delle altre condizioni di lavorazione, esempio materiale del pezzo da lavorare, tagliente (inserto), lunghezza utensile, mandrino macchina. Alle velocità di circa 8000 giri/min e superiori i portainserti di base e le prolunghe/riduttori devono essere accuratamente equilibrati.



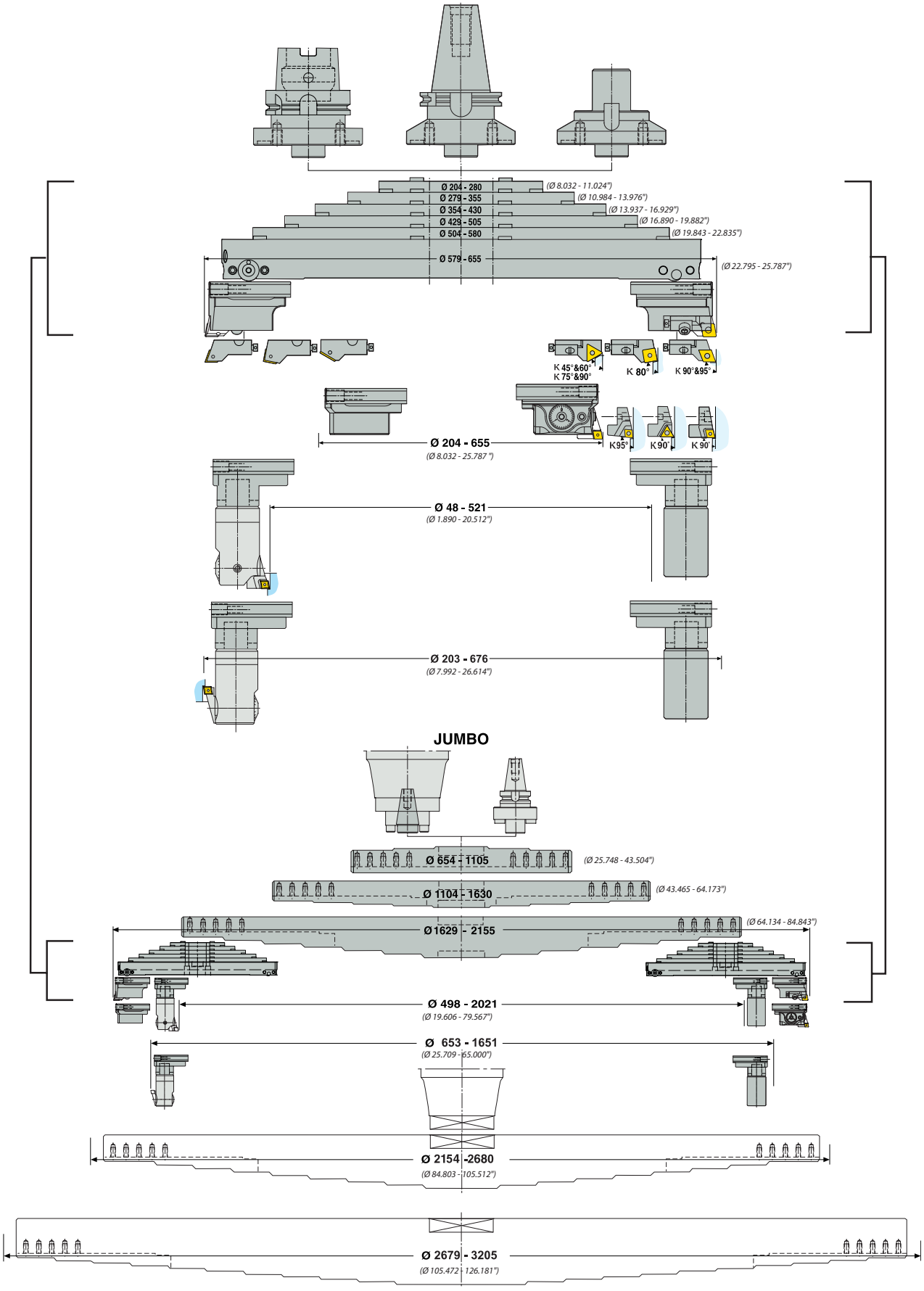
Soluzioni di barenatura di grandi dimensioni

Seco offre una gamma completa di ponti di barenatura e ponti di barenatura Jumbo per barenature di grandi dimensioni, operazioni di tornitura esterna e barenatura in tirata.

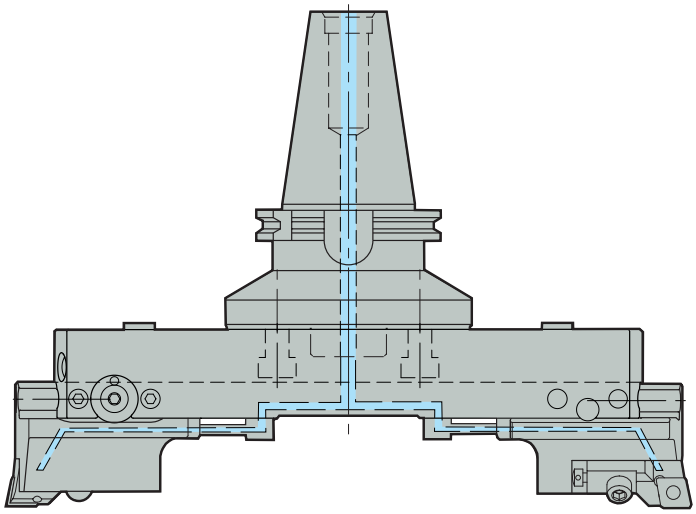
Combinazione modulare – ponti e blocchi

Famiglia prodotti		Gamma diametri	Operazione	Capacità	Dettagli
BB731 	Progettato per la massima flessibilità. BB731 I ponti di barenatura sono disponibili in un'ampia gamma di diametri come prodotti standard.	204 - 655 mm (8,03" - 25,78")	Barenatura Tornitura esterna Barenatura in tirata	Vedere la guida alle pagine 579-584	Vedere le pagine 585
JBB731 	I ponti di barenatura Jumbo sono realizzati in alluminio ad alta resistenza con interfacce in acciaio.	654 - 3,205 mm (25,75" - 126,18")	Barenatura Tornitura esterna Barenatura in tirata	Vedere la guida alle pagine 579-584	Vedere le pagine 586-588
BB732 	Le barre BB732 sono progettate per l'impiego con gli attacchi portafresa Steadyline® per rispondere alle criticità nelle applicazioni di barenatura profonda di grandi dimensioni, con l'obiettivo di ottenere una buona finitura superficiale, un'elevata produttività e l'utilizzo di utensili di maggiore lunghezza.	Barenatura di sgrossatura 114 - 301 mm (4,488 - 11,850") Barenatura di finitura 114 - 315 mm (4,488 - 12,402")	Barenatura profonda	Vedere la guida alle pagine 591-596	Vedere le pagine 597-599

Panoramica


Ø 204 - 280
(Ø 8.032 - 11.024")
Ø 279 - 355
(Ø 10.984 - 13.976")
Ø 354 - 430
(Ø 13.937 - 16.929")
Ø 429 - 505
(Ø 16.890 - 19.882")
Ø 504 - 580
(Ø 19.843 - 22.835")
Ø 579 - 655
(Ø 22.795 - 25.787")
K 45°&60°
K 75°&90°
K 80°
K 90°&95°
Ø 204 - 655
(Ø 8.032 - 25.787 ")
K95°
K 90°
K 90°
Ø 48 - 521
(Ø 1.890 - 20.512")
Ø 203 - 676
(Ø 7.992 - 26.614")
JUMBO
Ø 654 - 1105
(Ø 25.748 - 43.504")
Ø 1104 - 1630
(Ø 43.465 - 64.173")
Ø 1629 - 2155
(Ø 64.134 - 84.843")
Ø 498 - 2021
(Ø 19.606 - 79.567")
Ø 653 - 1651
(Ø 25.709 - 65.000")
Ø 2154 -2680
(Ø 84.803 - 105.512")
Ø 2679 - 3205
(Ø 105.472 - 126.181")

Caratteristiche: BB731



Applicazione

— Barenatura (di sgrossatura e di finitura) Ø 204 – 655 mm (8,032 – 25,787”).

— Tornitura esterna Ø 48 – 521 mm (1,890– 20,512”).

— Barenatura in tirata Ø 203 mm - 676 mm (7,992 - 26,614”).

Vantaggi e caratteristiche

— I ponti hanno una connessione lato macchina di ∅ 130 mm (Ø 5,118”) per montaggio diretto sugli appositi attacchi (DIN e HSK) o sull’adattatore Graflex®.

— Ciascun ponte è adatto per il montaggio di unità di sgrossatura,di finitura,unità di contrappeso o unità Graflex®.

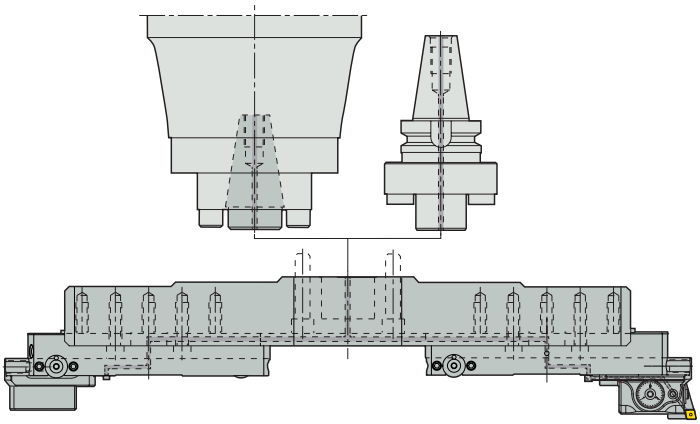
— Le unità (di sgrossatura o di finitura) sono bloccate sul ponte per mezzo di due cilindri azionati da tre viti di serraggio. Una delle viti di serraggio ha un disco di arresto, che limita la corsa di scorrimento dell’unità all’interno della sua capacità di regolazione e ferma l’unità impedendole di scivolare fuori dal ponte di barenatura. Scorrimento precisodell’unità per una regolazione di 38 mm (Ø 1,496”) sul raggio, utilizzando la vite di regolazione dell’unità, collegata al perno di fissaggio della barra a ponte.

— Quando si utilizza l’adattatore Graflex®, è possibile usare delle prolunghe nonché il montaggio sul naso macchina con l’apposita flangia (vedere sistema modulare Graflex®).

— Il ponte può essere montato in diverse posizioni (orientabile ogni 30°) sul supporto o sull’adattatore Graflex® .

— Refrigerante interno al ponte ed alle unità di barenatura, diretto verso il tagliente.

Caratteristiche: JBB731



Applicazione

— Barenatura (di sgrossatura e di finitura) Ø 654 - 3078 mm (25,748" - 121,181").

— Tornitura esternaØ 498 – 3071 mm (19.606–120.906").

— Barenatura in tirata Ø 653 - 3226 mm (25,709 - 127,008").

Vantaggi e caratteristiche

— I ponti Jumbo sono realizzati in alluminio ad alta resistenza.

— Progettati per montare due ponti della serie BB731 in diverse posizioni.

— I ponti di barenatura Jumbo dispongono di due golfari di sollevamento amovibili.

— Le dimensioni A731S001, 002, 003 sono fornite con 4 viti di bloccaggio.

— Montabili su un portafresacon montaggio in flangia Tipo 569, con centraggio Ø 60 mm (Ø 2,362") o montabili direttamente sul mandrino della macchina (lato pezzo DIN 2079/50).

— Utilizzare l'attacco di centraggio illustrato negli accessori.

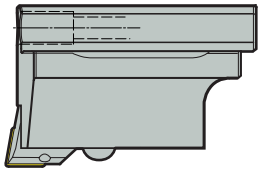
Le misure A731S004-...* e A731S005-...* sono disponibili su richiesta, con possibilità di montaggio standard o specifiche del mandrino, in base alla macchina:

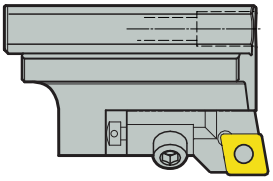
Capacità ∅ mm *(pollici)*	**Descrizione**	**Dimensioni in mm (*pollici*), vedere il disegno alla pagina prodotto**							
		DCB	**LF**	**HTB**	**LB**	**CBDP**	**WB**	**DCON**	**Peso**
2154-2680 *(84.803-105.512")*	A731S004-...*	*	70 *(2.75591")*	300 *(11.811")*	160 *(6.29921")*	*	2140 *(84.25197")*	*	*
2679-3205 *(105.472-126.181")*	A731S005-...*	*	110 *(4.33071")*	400 *(15.748")*	200 *(7.87402")*	*	2665 *(104.9213")*	*	*

* Descrizione e dimensioni saranno completati in relazione al tipo di attacco macchina.

Caratteristiche: Unità di barenatura per le serie BB731 e JBB731

Unità per barenatura di sgrossatura





Applicazione

— Le cartucce sono disponibili con angolo di attaccodi 90° e 80°.

— Sono adatte le cartucce con interfaccia ISO5611/h1 = 16 mm (0,629").

Vantaggi e caratteristiche

— Un ponte di barenatura di sgrossatura bi-tagliente richiede due unità per barenatura di sgrossatura, ognuna dotata di cartuccia.

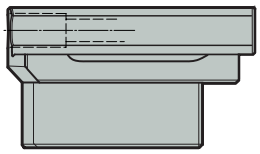
— È disponibile una vasta gamma di cartucce.

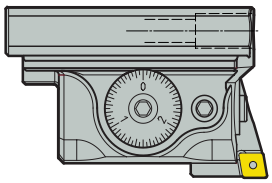
— Cartucce con angolo d'attacco di 90°, raccomandate nella maggior parte delle applicazioni di barenatura per un minore consumo energetico.

— Cartucce con angolo d'attacco di 80°, raccomandate per la barenatura (e la smussatura) di fori passanti, particolarmente nella ghisa per evitare rotture in uscita. Il consumo energetico è più alto.
— Le due cartucce possono essere impostati sullo stesso diametro (barenatura simmetrica) o in posizione sfalsata (barenatura a gradino).

— È disponibile come accessorio uno spessore angolare di rialzo per cartucce (codice di ordinazione 18LS0316). Istruzioni di assemblaggio e di regolazione, vedere le pagine 579-584.

Unità di barenatura per finitura





Applicazione

— Ampia gamma di porta-inserti disponibili con angolo (KAPR) di 90° e 95°.

— Portainserti per barenatura di finitura A72460, A72560 o A72660.

Vantaggi e caratteristiche

— Per comporre un ponte per barenatura di finitura si devono utilizzare un'unità di finitura, un portainserto ed un contrappeso.

— Unità per barenatura di finitura con refrigerante passante diretto verso il tagliente.

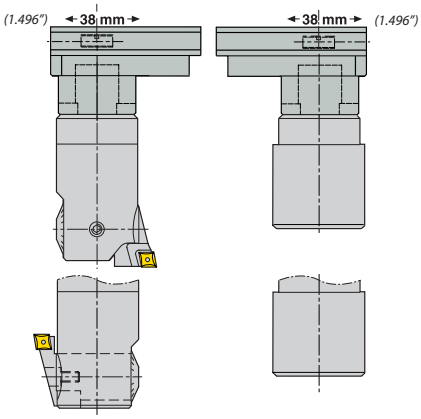
— Unità a inserto progettate con caratteristiche di sicurezza che assicurano che le unità non abbiano un effetto centrifugo a regimi più elevati (le unità non fuoriescono dalle barre)

Caratteristiche: Unità per barenatura Graflex® per tornitura esterna o barenatura in tirata

Argomento 1

Applicazione

- Questa unità è dotata di una connessione femmina Graflex® G5.
- Possibilità di utilizzo per tornitura esterna o barenatura in tirata.
- Per le istruzioni di assemblaggio e regolazione, vedere la pagina (pagine) 579-584.
- **NOTA!** Queste nuove unità di barenatura possono essere montate sui ponti di tipo precedente.



Vantaggi e caratteristiche

- Sulponte può essere montata qualsiasi testina di barenatura Graflex®, utensile speciale o standard o modulo Graflex® standard di dimensione G5.
- Ad esempio, il disegno mostra le configurazioni per la tornitura esterna o la barenatura in tirata utilizzando due unità di barenatura Graflex® dotate di una testina di barenatura Graflex® A78050 con porta-inserto (ad esempio A72550 per la tornitura esterna), un porta-inserto per la tornitura esterna (ad esempio A789X30CC0690) e un contrappeso Graflex®(ad esempio codice BM050W78050).
- Sono possibili due posizioni del modulo Graflex® sull'unità, perché sono presenti 2x2 posizioni per le viti a testa sferica e due chiavette per tenone disposte a 180°.
- Unità e testina per barenatura con adduzione refrigerante interna, diretto verso il tagliente.
- Queste unità di barenatura (codici di ordinazione A731S 400, A731S 500, A731S 600, A731S 40128) possono essere montate sui ponti di tipo precedente (codice di ordinazione A731 0_0, senza S-).
- Istruzioni di assemblaggio e massimo numero di giri: sono ancora validi quelli della precedente versione del ponte.
- Per mantenere l'equilibratura, non montare unità nuove e precedenti sullo ponte

Argomento 2

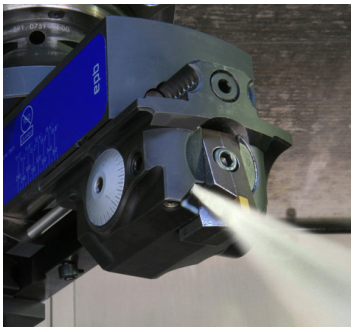
Consigli per la scelta degli accessori per l'adduzione interna del refrigerante

Sgrossatura (ponte con 2 unità per barenatura di sgrossatura):

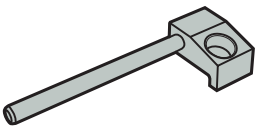
Per dirigere il refrigerante direttamente su entrambi i taglienti, usare 2 tubi di connessione refrigerante (codice di ordinazione AU731S00700), da montare sul ponte, e 2 set di ugelli orientabili (codice di ordinazione AU731S40700), da montare su ciascuna unità per barenatura di sgrossatura. Per l'adduzione del refrigerante dai canali interni delle unità, usare 2 tubi di connessione refrigerante (codice di ordinazione AU731S00700), da montare sul ponte.

Finitura (ponte con 1 unità per barenatura di finitura ed 1 contrappeso):

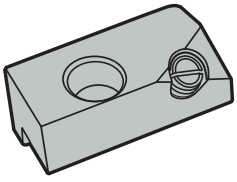
Usare 1 tubo di connessione refrigerante (codice di ordinazione AU731S00700), da montare sul ponte in modo da connetterlo all'unità di finitura. Poiché le unità di finitura prevedono un ugello di adduzione del refrigerante, l'indirizzamento del refrigerante è direttamente ottenuto. Tornitura esterna (per esempio ponte di barenatura con 2 unità Graflex® equipaggiate con una testina per barenatura di finitura ed un contrappeso): Usare 1 tubo di connessione refrigerante (codice di ordinazione AU731S00700), da montare sul ponte per connettere l'unità Graflex® e la testina per barenatura. Il canale di adduzione interno all'unità Graflex® porterà il refrigerante nella testina per barenatura



Tubo di connessione refrigerante
(codice di ordinazione AU731S00700)



Set di ugelli orientabili
(codice di ordinazione AU731S40700)



NOTA! Pressione refrigerante consentita = max 70 bar.

Assemblaggio ponti di barenatura

Un assemblato per barenatura di sgrossatura fino a Ø 655 mm *(Ø 25,787")* **richiede: 1 ponte di barenatura (A731S 0_0) + 2 unità per barenatura di sgrossatura (2x A731S 400) con 2 cartucce*.**

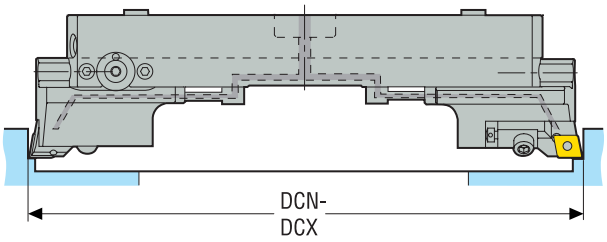


Fig. 1

Un assemblato per barenatura di finitura fino a Ø 655 mm *(Ø 25,787")* **richiede: 1 ponte di barenatura (A731S 0_0) + 1 unità per barenatura di finitura (A731S 500) con 1 portainserto per barenatura di finitura dimensione 60** + 1 contrappeso (A731S 600).**

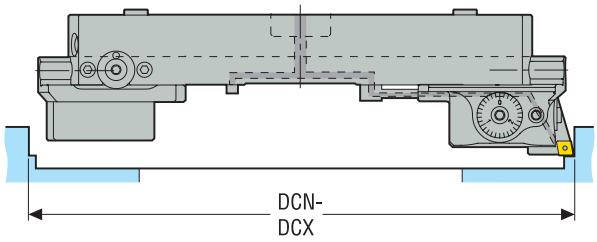


Fig. 2

Un assemblato per barenatura di sgrossatura fino a Ø 3205 mm *(Ø 126,181")* **richiede: 1 ponte Jumbo (A731S 00_) + 2 ponti di barenatura (A731S 0_0) + 2 unità per barenatura di sgrossatura (2x A731S 400) con 2 cartucce*.**

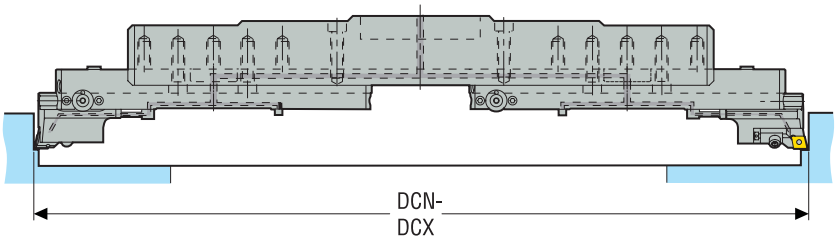


Fig. 3

Un assemblato per barenatura di finitura fino a Ø 3205 mm *(Ø 126,181")* **richiede: 1 ponte Jumbo (A731S 00_) + 2 ponti di barenatura (A731S 0_0) + 1 unità per barenatura di finitura (A731S 500) con 1 portainserto per barenatura di finitura dimensione 60** + 1 contrappeso (A731S 600).**

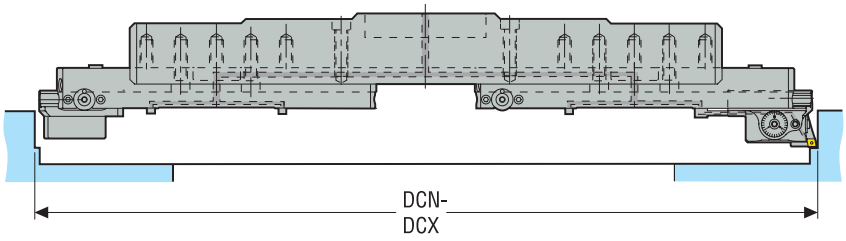


Fig. 4

* Cartucce da ordinare a parte.
** Portainserti da ordinare a parte.

Assemblaggio ponti di barenatura:
Tabella di selezione ponti di barenatura per creare un diametro di BARENATURA richiesto

Per barenatura DCN-DCX ∅ mm	*Per barenatura DCN-DCX ∅ inch*	Ponte di barenatura Jumbo	Ponte(i) tradizionale(i)	Per barenatura di sgrossatura		Per barenatura di finitura	
					Fig.		Fig.
204-280	*8.031-11.024*	–	A731S 010	2x A731S 400 + 2 cartucce	1	A731S 500 + 1 porta-inserto + A731S 600	2
279-355	*10.984-13.976*	–	A731S 020				
354-430	*13.937-16.929*	–	A731S 030				
429-505	*16.890-19.882*	–	A731S 040				
504-580	*(19.843-22.835*	–	A731S 050				
579-655	*22.795-25.787*	–	A731S 060				
654-805	*25.748-31.693*	A731S 001	2x A731S 010	2x A731S 400 + 2 cartucce	3	A731S 500 + 1 porta-inserto + A731S 600	4
654-880	*25.748-34.646*		2x A731S 020				
804-955	*31.654-37.598*		2x A731S 030				
879-1030	*34.606-40.551*		2x A731S 040				
1029-1105	*40.512-43.504*		2x A731S 050				
1104-1255	*43.465-49.409*	A731S 002	2x A731S 010	2x A731S 400 + 2 cartucce	3	A731S 500 + 1 porta-inserto + A731S 600	4
1104-1330	*43.465-52.362*		2x A731S 020				
1179-1405	*46.417-55.315*		2x A731S 030				
1254-1480	*49.370-58.268*		2x A731S 040				
1329-1555	*52.323-61.220*		2x A731S 050				
1404-1630	*55.276-64.173*		2x A731S 060				
1629-1780	*64.134-70.079*	A731S 003	2x A731S 010	2x A731S 400 + 2 cartucce	3	A731S 500 + 1 porta-inserto + A731S 600	4
1629-1855	*64.134-73.031*		2x A731S 020				
1704-1930	*67.087-75.984*		2x A731S 030				
1779-2005	*70.039-78.937*		2x A731S 040				
1854-2080	*72.992-81.890*		2x A731S 050				
1929-2155	*75.945-84.843*		2x A731S 060				
2154-2305	*84.803-90.748*	A731S 004	2x A731S 010	2x A731S 400 + 2 cartucce	3	A731S 500 + 1 porta-inserto + A731S 600	4
2154-2380	*84.803-93.701*		2x A731S 020				
2229-2455	*87.756-96.654*		2x A731S 030				
2304-2530	*90.709-99.606*		2x A731S 040				
2379-2605	*93.661-105.512*		2x A731S 050				
2454-2680	*96.614-105.512*		2x A731S 060				
2679-2830	*105.472-111.417*	A731S 005	2x A731S 010	2x A731S 400 + 2 cartucce	3	A731S 500 + 1 porta-inserto + A731S 600	4
2679-2905	*105.472-114.370*		2x A731S 020				
2754-2980	*108.425-117.323*		2x A731S 030				
2829-3055	*111.378-120.276*		2x A731S 040				
2904-3130	*114.331-123.228*		2x A731S 050				
2979-3205	*117.283-126.181*		2x A731S 060				

Assemblaggio ponti di barenatura per tornitura esterna:

Un assemblato per tornitura esterna di finitura fino a Ø 521 mm *(Ø 20,512")* **richiede: 1 ponte di barenatura (A731S 0_0) + 2 unità Graflex® (2x A731S 40128) + ad es. 1 testina per barenatura di finitura (A780 50) con 1 portainserto per barenatura di finitura dimensione 60* + 1 contrappeso (BM050W78050).**

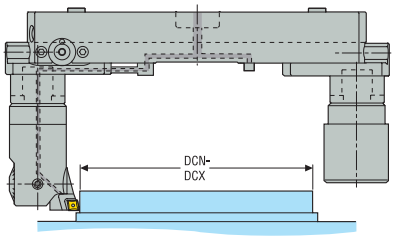


Fig. 1

Un assemblato per barenatura di sgrossatura fino a Ø 3205 mm *(Ø 120,906")* **richiede: 1 ponte Jumbo (A731S 00_) + 2 ponti di barenatura (A731S 0_0) + 2 unità per barenatura di sgrossatura (2x A731S 400) con 2 cartucce*.**

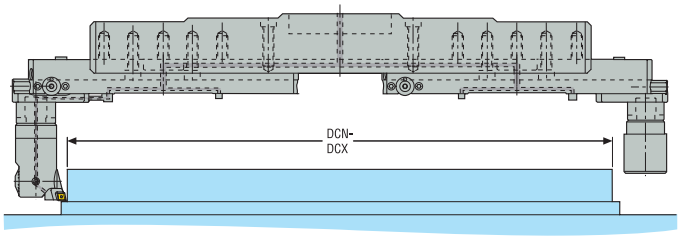


Fig. 2

* Portainserti da ordinare separatamente.

Assemblaggio ponti di barenatura per tornitura esterna: Tabella di selezione ponti di barenatura per creare un diametro di tornitura esterna richiesto

Per tornitura esterna DCN-DCX ∅ mm	*Per tornitura esterna* **DCN-DCX** *∅ inch*	**Ponte di barenatura Jumbo**	**Ponte(i) tradizionale(i)**	**Per tornitura esterna di finitura**	
					Fig.
48-146	*1.890-5.748*	–	A731S 010	2x A731S 40128 + 1x A780 50 + 1 porta-inserto + 1x BM050W78050	1
123-221	*4.843-8.701*	–	A731S 020		
198-296	*7.795-11.654*	–	A731S 030		
273-371	*10.748-14.606*	–	A731S 040		
348-446	*13.701-17.559*	–	A731S 050		
423-521	*16.654-20.512*	–	A731S 060		
498-671	*19.606-26.417*	A731S 001	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porta-inserto + 1x BM050W78050	2
498-746	*19.606-29.370*		2x A731S 020		
648-821	*25.512-32.323*		2x A731S 030		
723-896	*28.465-35.276*		2x A731S 040		
873-971	*34.370-38.228*		2x A731S 050		
948-1121	*37.323-44.134*	A731S 002	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porta-inserto + 1x BM050W78050	2
948-1196	*37.323-47.087*		2x A731S 020		
1098-1271	*43.228-50.039*		2x A731S 030		
1173-1346	*46.181-52.992*		2x A731S 040		
1323-1421	*52.087-55.945*		2x A731S 050		
1398-1496	*55.039-58.898*		2x A731S 060		
1473-1646	*57.992-64.803*	A731S 003	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porta-inserto + 1x BM050W78050	2
1473-1721	*57.992-67.756*		2x A731S 020		
1623-1796	*63.898-70.709*		2x A731S 030		
1698-1871	*66.850-73.661*		2x A731S 040		
1848-1946	*72.756-76.614*		2x A731S 050		
1923-2021	*75.709-79.567*		2x A731S 060		
1998-2171	*78.661-85.472*	A731S 004	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porta-inserto + 1x BM050W78050	2
1998-2246	*78.661-88.425*		2x A731S 020		
2148-2321	*84.567-91.378*		2x A731S 030		
2223-2396	*87.520-94.331*		2x A731S 040		
2373-2471	*93.425-97.283*		2x A731S 050		
2448-2546	*96.378-100.236*		2x A731S 060		
2523-2696	*99.331-106.142*	A731S 005	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 porta-inserto + 1x BM050W78050	2
2523-2771	*99.331-109.094*		2x A731S 020		
2973-2846	*117.047-112.047*		2x A731S 030		
2748-2921	*108.189-115.000*		2x A731S 040		
2898-2996	*114.094-117.953*		2x A731S 050		
2973-3071	*117.047-120.906*		2x A731S 060		

Assemblaggio ponti per barenatura in tirata:

Un assemblato per barenatura di finitura in tirata fino a Ø 676 mm *(Ø 26,614")* richiede: 1 ponte di barenatura (A731S 0_0) + 2 unità Graflex® (2x A731S 40128) + ad es. 1 testina per barenatura di finitura (A780 50) con 1 portainserto per barenatura in tirata dimensione 50* + 1 contrappeso (BM050W78050).

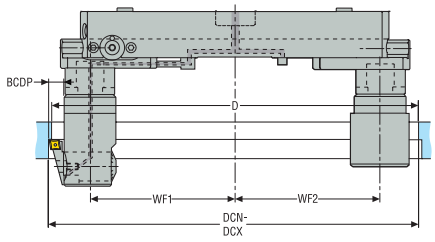


Fig. 1

Un assemblato per barenatura di finitura in tirata fino a Ø 3226 mm (Ø 127,008") richiede: 1 ponte di barenatura Jumbo (A731S 00_) + 2 ponti di barenatura (A731S 0_0) + ad es. 1 testina per barenatura di finitura (A780 50) con 1 portainserto per barenatura in tirata dimensione 50* + 1 contrappeso (BM050W78050).

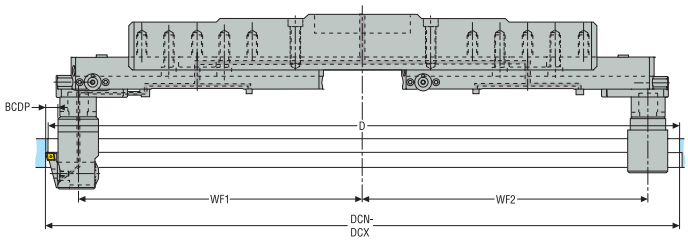


Fig. 2

* Portainserti da ordinare separatamente.

Determinazione del diametro minimo di accesso (D min)

Condizione di equilibratura: WF1 = WF2

D min = DC + 5- BCDP

BCDP = distanza tra il tagliente dell'inserto ed il corpo della testina per barenatura montata A78050 (7,5 < BCDP < 18,5).

Due casi estremi:

Testina per barenatura A78050 impostata alla capacità minima: D min = DCN - 2,5

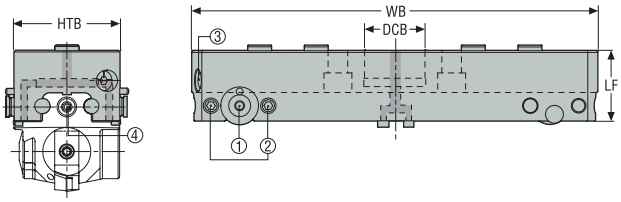
Testina per barenatura A78050 impostata alla capacità massima: D min = DCX -13,5

Assemblaggio ponti per barenatura in tirata: Tabella di selezione ponti di barenatura per creare un diametro di BARENATURA IN TIRATA richiesto

Per barenatura in tirata DCN-DCX ∅ mm	*Per barenatura in tirata DCN-DCX ∅ inch*	Ponte di barenatura Jumbo	Ponte(i) tradizionale(i)	Per barenatura in tirata di finitura	Fig.
203-301	*7.992-11.850*	–	A731S 010	2x A731S 40128 + 1x A780 50 + 1 portainserti per barenatura in tirata + 1x BM050W78050	1
278-376	*10.945-14.803*	–	A731S 020		
353-451	*13.898-17.756*	–	A731S 030		
428-526	*16.850-20.709*	–	A731S 040		
503-601	*19.803-23.661*	–	A731S 050		
578-676	*22.756-26.614*	–	A731S 060		
653-826	*25.709-32.520*	A731S 001	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 portainserti per barenatura in tirata + 1x BM050W78050	2
653-901	*25.709-35.472*		2x A731S 020		
803-976	*31.614-38.425*		2x A731S 030		
878-1051	*34.567-41.378*		2x A731S 040		
1028-1126	*40.472-44.331*		2x A731S 050		
1103-1276	*43.425-50.236*	A731S 002	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 portainserti per barenatura in tirata + 1x BM050W78050	2
1103-1351	*43.425-53.189*		2x A731S 020		
1253-1426	*49.331-56.142*		2x A731S 030		
1328-1501	*52.283-59.094*		2x A731S 040		
1478-1576	*58.189-62.047*		2x A731S 050		
1553-1651	*61.142-65.000*		2x A731S 060		
1628-1801	*64.094-70.906*	A731S 003	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 portainserti per barenatura in tirata + 1x BM050W78050	2
1628-1876	*64.094-73.858*		2x A731S 020		
1778-1951	*70.000-76.811*		2x A731S 030		
1853-2026	*72.953-79.764*		2x A731S 040		
2003-2101	*78.858-82.717*		2x A731S 050		
2078-2176	*81.811-85.669*		2x A731S 060		
2153-2326	*84.764-91.575*	A731S 004	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 portainserti per barenatura in tirata + 1x BM050W78050	2
2153-2401	*84.764-94.528*		2x A731S 020		
2303-2476	*90.669-97.480*		2x A731S 030		
2378-2551	*93.622-100.433*		2x A731S 040		
2528-2626	*99.528-103.386*		2x A731S 050		
2603-2701	*102.480-106.339*		2x A731S 060		
2678-2851	*105.433-112.244*	A731S 005	2x A731S 010	2x A731S 40128 + 1x A780 50 + 1 portainserti per barenatura in tirata + 1x BM050W78050	2
2678-2926	*105.433-115.197*		2x A731S 020		
2828-3001	*111.339-118.150*		2x A731S 030		
2903-3076	*114.291-121.102*		2x A731S 040		
3053-3151	*120.197-124.055*		2x A731S 050		
3128-3226	*123.150-127.008*		2x A731S 060		

BB 731S0x0 – Ponte di barenatura





1. Vite di bloccaggio con disco di arresto
2. Vite di bloccaggio
3. Perno di sicurezza
4. Vite di regolazione del diametro

—Refrigerante attraverso il ponte di barenatura

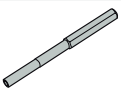
Codice di ordinazione	Codice prodotto	Lato utensile Capacità DCN-DCX Ø		HTB	WB	DCB	LF	Peso
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
A731S010	02753664	204,0 *8.031*	280,0 *11.024*	70,0 *2.756*	195,0 *7.677*	40,0 *1.575*	47,0 *1.850*	3,6 *7.9*
A731S020	02753668	279,0 *10.984*	355,0 *13.976*	70,0 *2.756*	269,0 *10.591*	40,0 *1.575*	47,0 *1.850*	5,1 *11.2*
A731S030	02753670	354,0 *13.937*	430,0 *16.929*	70,0 *2.756*	344,0 *13.543*	40,0 *1.575*	47,0 *1.850*	6,5 *14.3*
A731S040	02753673	429,0 *16.890*	505,0 *19.882*	70,0 *2.756*	419,0 *16.496*	40,0 *1.575*	47,0 *1.850*	7,9 *17.4*
A731S050	02753675	504,0 *19.843*	580,0 *22.835*	70,0 *2.756*	494,0 *19.449*	40,0 *1.575*	47,0 *1.850*	10,5 *23.2*
A731S060	02753677	579,0 *22.795*	655,0 *25.787*	70,0 *2.756*	569,0 *22.402*	40,0 *1.575*	47,0 *1.850*	12,3 *27.1*

Coppia di serraggio delle viti di bloccaggio (2) e della vite di bloccaggio con disco di arresto (1): 20 Nm
Prima della regolazione del diametro, assicurarsi che il perno di fissaggio sia inserito. Per ulteriori dettagli sull'applicazione, fare riferimento alle istruzioni operative fornite con i ponti di barenatura e relative unità.
Massimo numero di giri al minuto, vedere le pagine. 590
Per le capacità di tornitura esterna, vedere le pagine della guida 581-582
Per diametri più ampi, vedere i ponti di barenatura Jumbo alle pagine 586

Parti di ricambio, comprese nella fornitura

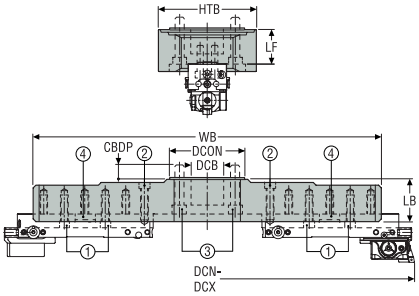
Per	Vite di bloccaggio
	
A731S010-60	19A71060

Accessori

Per	Chiave (impugnatura a T)	Chiave	Chiave di bloccaggio
			
A731S010-60	DOUBLE-T	H6B-H5.0L	03HL05

JBB 731S00 – Ponti di barenatura Jumbo





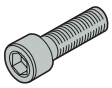
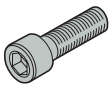
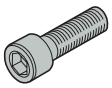
—I ponti di barenatura Jumbo sono progettati per montare due ponti di barenatura classici in diverse posizioni
—Ponti di barenatura Jumbo con adduzione refrigerante interna

1. Vite di assemblaggio
2. Vite di bloccaggio
3. Vite di fissaggio
4. Grano di tenuta

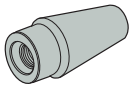
Codice di ordinazione	Codice prodotto	Lato utensile Capacità DCN-DCX Ø		HTB	LF	WB	DCON	DCB	CBDP	LB	Peso	**
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
A731S001	02828506	654,0 *25.748*	1105,0 *43.504*	180,0 *7.087*	63,0 *2.480*	640,0 *25.197*	135,0 *5.315*	60,0 *2.362*	24,0 *0.945*	77,0 *3.031*	20,25 *44.6*	
A731S002	02828516	1104,0 *43.465*	1630,0 *64.173*	200,0 *7.874*	50,0 *1.969*	1090,0 *42.913*	135,0 *5.315*	60,0 *2.362*	24,0 *0.945*	80,0 *3.150*	34,5 *76.1*	
A731S003	02904383	1629,0 *64.134*	2155,0 *84.843*	200,0 *7.874*	50,0 *1.969*	1615,0 *63.583*	135,0 *5.315*	60,0 *2.362*	24,0 *0.945*	80,0 *3.150*	67,0 *147.7*	**

Capacità di barenatura, tornitura esterna e barenatura in tirata per combinazioni di Jumbo e ponti di barenatura, vedere le pagine 579-584
**Dimensioni maggiori A731S004-... (∅ 2154-2680 mm) e A731S005-... (∅ 2679-3205 mm) disponibilità su richiesta, vedere le pagine della guida 580

Parti di ricambio, comprese nella fornitura

Per DCN-DCX	Vite di assemblaggio	Vite di fissaggio	Vite leva	Vite di bloccaggio	O-ring	Grani di tenuta
						
654-1105	950D1240	950D1670	90AS03	950D1250	90JT02	AU731S01100
1104-1630	950D1240	950D1680	90AS03	950D1250	90JT02	AU731S01100
1629-2155	950D1240	950D16120	90AS03	950D1250	90JT02	AU731S01100

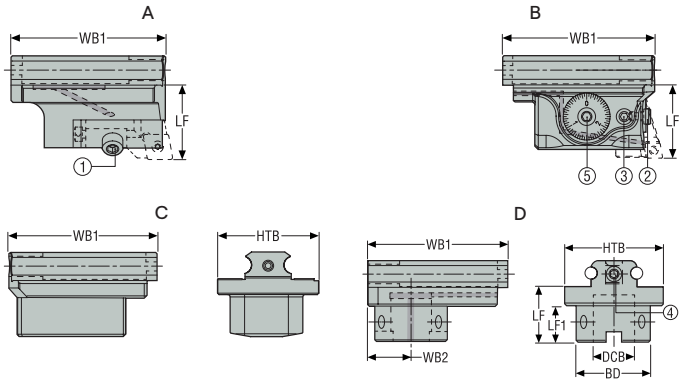
Accessori

Per DCN-DCX	Spina di centraggio
	
654-1105	E447153960
1104-1630	E447153960
1629-2155	E447153960

Il set di anelli di tenuta contiene 6 anelli di tenuta ∅ 6 mm (0.236") per i canali di adduzione del refrigerante ed 1 anello di tenuta ∅ 60 mm (2.362") per il foro di bloccaggio del ponte Jumbo.

BBB 731S0xx – Per unità di barenatura e ponti di barenatura Jumbo





—Per il montaggio su ponti di barenatura
—Unità di barenatura di sgrossatura, finitura e Graflex con adduzione refrigerante interna

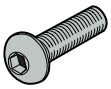
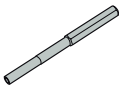
1. Vite di assemblaggio
5. Vite di regolazione micrometrica
3. Vite di bloccaggio

2. Vite di assemblaggio
4. Vite di regolazione del diametro

Codice di ordinazione	Codice prodotto	Tipo di unità di scorrimento	Lato utensile Capacità DCN-DCX Ø		HTB	LF	LF1	WB1	WB2	DCB	BD	Peso	Disegno
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
A731S400	02753679	Unità per barenatura di sgrossatura*	204,0 *8.031*	2155,0 *84.843*	70,0 *2.756*	47,0 *1.850*	–	97,0 *3.819*	–	–	–	1,4 *3.1*	A
A731S500	02753680	Unità per barenatura di finitura**	204,0 *8.031*	2155,0 *84.843*	70,0 *2.756*	47,0 *1.850*	–	97,0 *3.819*	–	–	–	1,5 *3.3*	B
A731S600	02753682	Contrappeso	204,0 *8.031*	2155,0 *84.843*	70,0 *2.756*	–	–	97,0 *3.819*	–	–	–	1,6 *3.5*	C
A731S40128	02753687	Graflex dimensione G5***	48,0 *1.890*	2021,0 *79.567*	70,0 *2.756*	36,0 *1.417*	25,0 *0.984*	97,0 *3.819*	30,0 *1.181*	28,0 *1.102*	50,0 *1.969*	1,0 *2.2*	D

* Cartucce da ordinare a parte, vedere le pagine 589
** Portainserti per barenatura di finitura dimensione 60 da ordinare a parte, vedere pagina 568, 569
*** Con la testa di barenatura A78050, utilizzare il contrappeso BM050W78050, vedere la sezione Accessori di seguito.

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio	Vite di bloccaggio cilindro	Chiave (impugnatura a T)	Chiave	Chiave di bloccaggio	O-ring
						
A731S400	950CB0830	–	DOUBLE-T	H6B-H5.0L	–	90JT01
A731S500	950D0612	950L1016	DOUBLE-T	H6B-H5.0L	–	90JT01
A731S600	–	–	DOUBLE-T	H6B-H5.0L	–	–
A731S40128	90F5	–	DOUBLE-T	H6B-H5.0L	03H05	90JT01

Il set di anelli di tenuta contiene 6 anelli di tenuta ∅ 6 mm (0.236") per i canali di adduzione del refrigerante ed 1 anello di tenuta ∅ 60 mm (2.362") per il foro di bloccaggio del ponte Jumbo.

Accessori

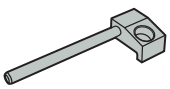
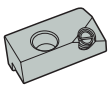
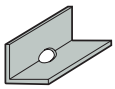
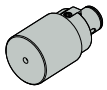
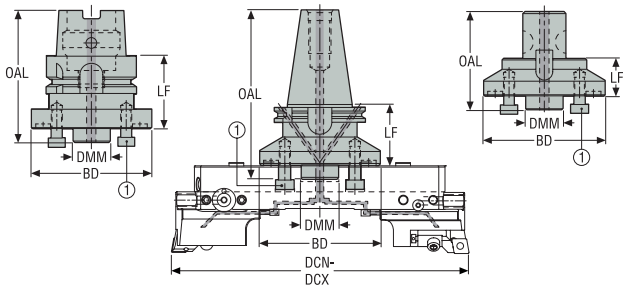
Per	Tubo di connessione	Kit refrigerante	Spessore angolare	Contrappeso
				
A731S400	AU731S00700	AU731S40700	18LS0316	–
A731S500	AU731S00700	–	–	–
A731S600	–	–	–	–
A731S40128	AU731S00700	–	–	BM050W78050

ABB 731 200 – Attacchi e adattatore per ponte di barenatura





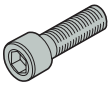
1. Vite di regolazione

—Attacchi HSK e SA per assemblati corti
—Adattatore Graflex® per assemblati lunghi
—Posizione angolare del ponte di barenatura ogni 30°
—Fornito con un O-ring di tenuta del mandrino ∅ 58×3 mm

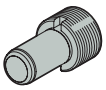
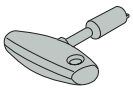
Codice di ordinazione	Codice prodotto	Connessione lato macchina	Dimensione	Lato utensile Capacità DCN-DCX Ø		OAL	LF	BD	DMM	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
E3471731200	02503392	DIN 69871-ADB	DIN50 ADB	204,0 *8.031*	655,0 *25.787*	166,75 *6.565*	65,0 *2.559*	130,0 *5.118*	40,0 *1.575*	5,9 *13.0*
E3416731200	02503393	BT JIS B 6339-ADB	BT50 ADB	204,0 *8.031*	655,0 *25.787*	166,75 *6.565*	65,0 *2.559*	130,0 *5.118*	40,0 *1.575*	5,64 *12.4*
E9306731200	02417268	ISO 12164-1/ DIN69893-A	HSK-A100	204,0 *8.031*	655,0 *25.787*	115,0 *4.528*	65,0 *2.559*	130,0 *5.118*	40,0 *1.575*	5,0 *11.0*
A731200	00056616	GRAFLEX	G7	204,0 *8.031*	655,0 *25.787*	90,0 *3.543*	40,0 *1.575*	130,0 *5.118*	40,0 *1.575*	4,0 *8.8*

Coppia di serraggio 80 Nm. Per ulteriori dettagli sull'applicazione, fare riferimento alle istruzioni operative fornite con i ponti di barenatura e relative unità.

Parti di ricambio, comprese nella fornitura

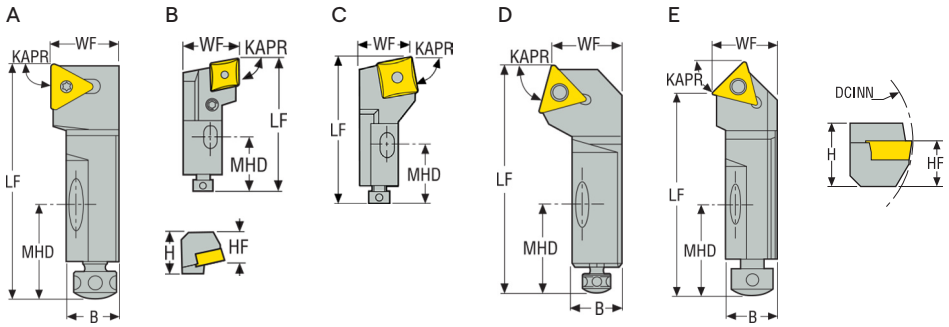
Per	Vite di assemblaggio	Chiave	Sealing Screws	Tenone
				
E3471731200	950D1230	10SMS795	950A0606	–
E3416731200	950D1230	10SMS795	950A0606	–
E9306731200	950D1230	10SMS795	–	–
A731200	950D1230	10SMS795	–	90M7

Accessori

Per	Connettore refrigerante	Grani di tenuta	Chiave
			
E3471731200	–	–	–
E3416731200	–	–	–
E9306731200	20E9306	02E9306	03E9306
A731200	–	–	–

Cartucce, per barenatura di sgrossatura e ponti di barenatura A731S400





—Per il montaggio su unità di barenatura di sgrossatura

Codice di ordinazione	Codice prodotto	KAPR°	LF	MHD	WF	B	H	HF	DCINN	Peso	Dimensione inserto	Disegno
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*		
SCGCL16CA-16	00039871	90,0 °	55,0 *2.165*	25,0 *0.984*	25,0 *0.984*	17,5 *0.689*	20,0 *0.787*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	CC..16..	A
STGCL16CA-16	00009197	90,0 °	63,0 *2.480*	25,0 *0.984*	24,96 *0.983*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	A
STGCL16CA-22	02600181	90,0 °	55,0 *2.165*	25,0 *0.984*	25,0 *0.984*	17,5 *0.689*	20,0 *0.787*	16,0 *0.630*	50,0 *1.969*	0,2 *0.4*	TC..2204..	A
PCGNL16CA-12	02484356	90,2 °	63,0 *2.480*	25,0 *0.984*	25,0 *0.984*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	36,0 *1.417*	0,2 *0.4*	CN..12..	B
SSRCL16CA-15	00039872	75,0 °	63,0 *2.480*	25,0 *0.984*	25,0 *0.984*	20,0 *0.787*	20,0 *0.787*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	SC..15..	C
STRCL16CA-16	00008750	75,0 °	63,0 *2.480*	25,0 *0.984*	24,96 *0.983*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	D
STRCL16CA-22	02585320	75,0 °	63,0 *2.480*	25,0 *0.984*	25,0 *0.984*	17,5 *0.689*	20,0 *0.787*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..2204..	D
STTCL16CA-16	00009194	60,0 °	63,0 *2.480*	25,0 *0.984*	14,96 *0.589*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	D
STSCL16CA-16	00009193	45,0 °	53,0 *2.087*	25,0 *0.984*	24,96 *0.983*	20,0 *0.787*	25,0 *0.984*	16,0 *0.630*	60,0 *2.362*	0,2 *0.4*	TC..16T3..	E

Condizioni di lavorazione consigliate

Le migliori prestazioni si ottengono utilizzando un liquido di raffreddamento (parametri di lavorazione più elevati, migliore finitura superficiale, migliore evacuazione di truciolo).

In funzione delle necessità, nella barenatura di sgrossatura è possibile: elevato avanzamento o elevata asportazione di truciolo utilizzando la regolazione simmetrica delle cartucce (il metodo più comune, doppio avanzamento rispetto alla regolazione a gradino), oppure regolazione a gradino (doppia profondità di taglio).
Nella barenatura di finitura di acciaio, con buone condizioni, raccomandiamo l'uso d'inserti Cermet, per velocità di taglio superiori e maggiore durata.

Per istruzioni dettagliate, fare riferimento alle istruzioni operative fornite con le testine di barenatura e con le barre Steadyline®. Le istruzioni operative possono anche essere scaricate da www.secotools.com.

Risoluzione dei problemi

Fare riferimento alle pagine "Problemi e soluzioni" del capitolo barenatura di sgrossatura, pagina 513, o del capitolo barenatura di finitura, pagina 558.

Velocità massime per i ponti

A causa delle grandi dimensioni delle testine dei ponti di barenatura, la programmazione di un numero di giri non idoneo potrebbe causare gravi danni.
Qui di seguito sono riportate le massime velocità di taglio per gli attuali ponti di barenatura ottenuti assemblando ponti di barenatura in acciaio (codice di ordinazione A731S 0_0), unità per barenatura di sgrossatura, di finitura e contrappeso (codice di ordinazione A731S _00) e ponti Jumbo (codice di ordinazione A731 00_). Per assemblaggi differenti rivolgersi al funzionario Seco di zona.

NOTA! Usando le attuali unità di barenatura (codici di ordinazione A731S 400, A731S 500, A731S 600, A731S 40128) sui ponti di barenatura in acciaio della versione precedente (codice di ordinazione A731 0_0, senza S), il valore massimo del numero di giri è come previsto per i ponti di barenatura in acciaio della versione precedente. Non montare sullo stesso ponte teste di tipo nuovo e di tipo precedente, al fine di mantenere l'equilibratura.

Testa basata su	Capacità ∅ mm *(pollici)*	Max. num. di giri	Velocità di taglio massima consigliata v_c alla cap. min. m/min *(sf/min)*	Velocità di taglio massima consigliata v_c alla cap. max. m/min *(sf/min)*
Teste per ponti di barenatura (con due unità di scorrimento posizionate simmetricamente)				
A731S010	204-280 *(8.0315-11.0236")*	1600	1025 *(3363)*	1407 *(4616)*
A731S020	279-355 *(10.9843-13.9764")*	1150	1007 *(3304)*	1282 *(4206)*
A731S030	354-430 *(13.937-16.9291")*	900	1000 *(3281)*	1215 *(3986)*
A731S040	429-505 *(16.8898-19.8819")*	750	1010 *(3314)*	1189 *(3901)*
A731S050	504-580 *(19.8425-22.8346")*	650	1029 *(3376)*	1184 *(3885)*
A731S060	579-655 *(22.7953-25.7874")*	550	1000 *(3281)*	1131 *(3711)*
Ponti Jumbo (con due ponti identici e unità di scorrimento posizionate simmetricamente)				
A731S001	654-1105 *(25.748-43.50394")*	170	349 *(1145)*	590 *(1936)*
A731S002	1104-1630 *(43.46457-64.17323")*	100	346 *(1135)*	512 *(1680)*
A731S003	1629-2155 *(64.13386-84.84252")*	70	358 *(1175)*	473 *(1552)*
A731S004	2154-2680 *(84.80315-105.5118")*	50	358 *(1175)*	420 *(1378)*
A731S005	2679-3205 *(105.4724-126.1811")*	40	336 *(1102)*	402 *(1319)*

Nota: Le velocità massime dipendono dalla struttura meccanica delle teste di barenatura e dalla qualità di equilibratura. Le velocità massime sono correlate alla struttura meccanica della testa di barenatura e alla qualità di equilibratura. Le velocità all'interno di questi limiti devono essere scelte in funzione delle altre condizioni di lavorazione, esempio materiale del pezzo da lavorare, tagliente (inserto), lunghezza utensile, mandrino macchina.

Panoramica BB732 – Ponti di barenatura per barre Steadyline®



Adattatori Capto™
LF 70–130 mm

Attacco portafresa Steadyline® Ø 40
DIN / Seco-Capto™ / HSK

Ponte SM40-BB732-011
Sgrossatura Ø 114–146 mm (4,488"–5,748")
Finitura Ø 114–160 mm (4,488"–6,299")

Ponte SM40-BB732-012
Sgrossatura Ø 145–177 mm (5,709"–6,969")
Finitura Ø 145–191 mm (5,709"–7,520")

Ponte SM40-BB732-013
Sgrossatura Ø 176–208 mm (6,930"–8,189")
Finitura Ø 176–222 mm (6,930"–8,740")

Ponte SM40-BB732-014
Sgrossatura Ø 207–239 mm (8,150"–9,410")
Finitura Ø 207–253 mm (8,150"–9,961")

Ponte SM40-BB732-015
Sgrossatura Ø 238–270 mm (9,370"–10,630")
Finitura Ø 238–284 mm (9,370"–11,181")

Ponte SM40-BB732-016
Sgrossatura Ø 269–301 mm (10,591"–11,850")
Finitura Ø 269–315 mm (10,591"–12,402")

Unità di barenatura di sgrossatura e cartucce
Modulo per inserto CC12/CC16
KAPR 91,5°

Unità di barenatura di finitura e cartucce
Modulo per inserto CC09
KAPR 95,5°

Caratteristiche: Serie BB732 - Ponti di barenatura per barre Steadyline®



Applicazione

— Progettati specificamente per applicazioni di barenatura profonda fino a 576 mm dove, per l'elevata sporgenza, aumenta il rischio di vibrazioni.

— Barenatura di sgrossatura Ø 114 – 301 mm (4,488" – 11,850"). Barenatura di finitura Ø 114 – 315 mm (4,488" – 12,402").

— Operazione di barenatura profonda con barra Steadyline® di fresatura con centraggio Ø 40 mm, profondità da 437 a 576 mm, a seconda della combinazione (devono essere considerate le condizioni di lavorazione).
Altamente performante nel taglio interrotto (es. corpi compressore, corpi pompa).

— È possibile ottenere valori di rugosità più elevati durante le operazioni di barenatura profonda su diametri di grandi dimensioni.

— Progettati per essere montati su attacchi portafresa Steadyline® con centraggio Ø 40 mm, lunghezza operativa compresa tra 437 e 576 mm:
-HSK-A100
-DIN50 ADB
-BT50 TF ADB
-Seco-Capto C8

Vantaggi e caratteristiche

— Stesso ponte per sgrossatura e finitura.

— Adduzione interna refrigerante al tagliente (sistema di refrigerazione centrale).

— Pressione max refrigerante con Steadyline® 70 bar (1000 PSI).

— Fino a IT6 (gamma di tolleranze) – ripetibilità.

— Fino a Ra 0,6 per barenatura di finitura.

— Per la barenatura di finitura la precisione di regolazione del diametro è di 2,5 µ (diametrali).

— Inserti CC..09.. per barenatura di finitura e CC..12.. e CC..16.. per barenatura di sgrossatura.

— Durante la sgrossatura sono consentite configurazioni sia simmetriche che sfalsate.

— Tutti i ponti sono progettati per l'impiego su attacchi portafresa Steadyline® con centraggio Ø 40 mm.

— Una barra Steadyline® specifica è progettata per essere montata su attacchi base Capto con lunghezza funzionale da 70 a 130 mm, al fine di raggiungere profondità maggiori, fino a 576 mm (22,7").

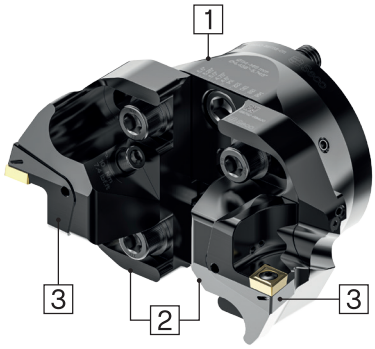
— Le slitte sono fissate con viti di bloccaggio per prevenire il rischio di espulsione dovuta alla forza centrifuga.

Assemblati di barenatura di sgrossatura

L'assemblato di barenatura di sgrossatura richiede: 1 ponte + 2 blocchi di barenatura di sgrossatura + 2 cartucce uguali per inserti cc12 o cc16

Assemblato di barenatura di sgrossatura (fig. 5)

Assemblato		
N. di serie	Prodotto	Quantità
1	Ponte	1
2	Slitta per barenatura di sgrossatura	2
3	Portainserto	2



Ponte

6 ponti sono progettati per soddisfare un'ampia serie di diametri.
Tutti i 6 ponti possono essere usati per sgrossatura e finitura.



Unità per barenatura di sgrossatura

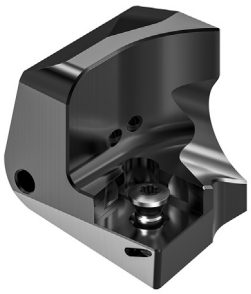
Capacità lato pezzo in lavorazione da DCN Ø 114 a DCX Ø 301 mm.

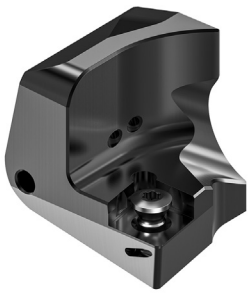
Per la barenatura di sgrossatura occorrono due unità, ciascuna equipaggiata con la relativa cartuccia.



Cartuccia

Moduli di due dimensioni:
Cartucce con CC12 e KAPR 91°
Cartucce con CC16 e KAPR 91°



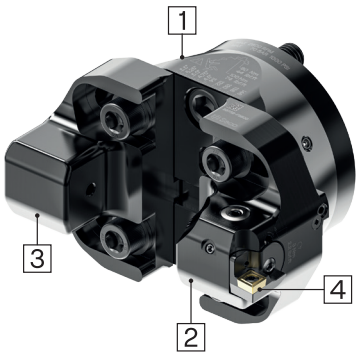


Assemblato di barenatura con relativo ponte per barenatura di finitura

Un sistema di barenatura di finitura con ponte richiede: 1 ponte + 1 blocco di barenatura di finitura + 1 porta-inserto CC9 + 1 contrappeso

Assemblato di barenatura di finitura (fig. 6)

Assemblato		
N. di serie	Prodotto	Quantità
1	Ponte	1
2	Slitta per barenatura di finitura	1
3	Contrappeso	1
4	Cartuccia	1



Ponte

6 taglie di ponti progettati per soddisfare un'ampia serie di diametri.
Tutti i 6 ponti possono essere usati per sgrossatura e finitura.

Tutti i ponti possono essere montati soltanto sui portafresa Steadyline con centraggio Ø40.



Unità di barenatura di finitura

Gamma diametri lavorabili: da DCN Ø 114 mm fino a DCX Ø 315 mm.



Contrappeso

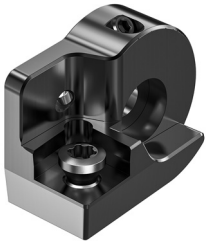
Regolare il posizionamento del contrappeso affinché sia simmetrico rispetto al diametro del blocco di barenatura di finitura, utilizzando la scala graduata del ponte.



Cartucce

I moduli con inserto CC09 e KAPR 95,5° sono progettati per garantire stabilità.

Serrare l'inserto sulla cartuccia della slitta a 3 Nm o 2,2 lb ft.



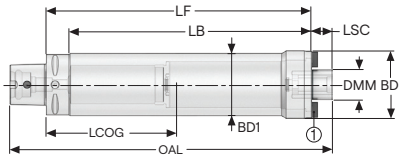
Assemblaggio ponti di barenatura:
Tabella di selezione ponti di barenatura per creare un diametro di BARENATURA richiesto

Per barenatura DCN-DCX ∅ mm	*Per barenatura DCN-DCX ∅ inch*	Ponti di barenatura	Per barenatura di sgrossatura		Per barenatura di finitura	
				Fig.		Fig.
114-146	*4.488-5.748*	SM40-BB732-011	2x BB732-RB400 + 2 cartucce	5	BB732-FB500 + 1 cartucce +BB732-FB600	6
145-177	*5.709-6.969*	SM40-BB732-012				
176-208	*6.929-8.189*	SM40-BB732-013				
207-239	*8.150-9.410*	SM40-BB732-014				
238-270	*9.370-.10.630*	SM40-BB732-015				
269-301	*10.591-11.850*	SM40-BB732-016				

Barre Steadyline® specifiche per gamma BB732

Ponti di barenatura	Gamma diametri di sgrossatura	Gamma diametri di finitura	Lunghezza funzionale totale	Connessione lato macchina	Attacco a manicotto Steadyline®	Peso totale dell'assemblato in Kg (lb)	Coppia di ribaltamento totale in Nm (lb ft)
SM40-BB732-011	114-146 mm (4.488- 5.748")	114-160 mm (4.488-6.300")	446,5 mm	HSK-A100	E9306555540350	23.1 (50.92)	48.7
			446,5 mm	DIN50 ADB	E3471555540350	24.2 (53.35)	49.1 (36.21)
			446,5 mm	BT50 TF ADB	E3216555540350	24.5 (54.01)	49.2 (36.22)
			446,5 mm	Seco-Capto C8	C8-391.5555-40350	22.6 (49.82)	48.6 (35.84)
			516,5-576,5 mm	Seco-Capto C8 + prolunga Seco-Capto aggiuntiva	C8-SML40-350-KL1 + attacco base Seco-Capto con LF da 70 a 130 mm	Dipende dall'attacco base Seco-Capto selezionato	
SM40-BB732-012	145-177 mm (5.709-6.969")	145-191 mm (5.709-7.520")	446,5 mm	HSK-A100	E9306555540350	23.9 (52.69)	51.8 (38.20)
			446,5 mm	DIN50 ADB	E3471555540350	25.0 (55.11)	52.2 (38.50)
			446,5 mm	BT50 TF ADB	E3216555540350	25.4 (55.99)	52.3 (38.57)
			446,5 mm	BT50 TF ADB	E3216555540350	25.4 (55.99)	52.3 (38.57)
			446,5 mm	Seco-Capto C8	C8-391.5555-40350	23.4 (51.58)	51.7 (38.13)
			516,5-576,5 mm	Seco-Capto C8 + prolunga Seco-Capto aggiuntiva	C8-SML40-350-KL1 + attacco base Seco-Capto con LF da 70 a 130 mm	Dipende dall'attacco base Seco-Capto selezionato	
SM40-BB732-013	176-208 mm (6.929-8.189")	176-222 mm (6.929-8.740")	437,5 mm	HSK-A100	E9306555540350	23.9 (52.69)	51.7 (38.13)
			437,5 mm	DIN50 ADB	E3471555540350	25.1 (55.33)	52.2 (38.50)
			437,5 mm	BT50 TF ADB	E3216555540350	25.4 (55.99)	52.2 (38.50)
			437,5 mm	Seco-Capto C8	C8-391.5555-40350	23.5 (51.80)	51.6 (38.05)
			507,5-567,5 mm	Seco-Capto C8 + prolunga Seco-Capto aggiuntiva	C8-SML40-350-KL1 + attacco base Seco-Capto con LF da 70 a 130 mm	Dipende dall'attacco base Seco-Capto selezionato	
SM40-BB732-014	207-239 mm (8.150-9.410")	207-253 mm (8.150-9.961")	437,5 mm	HSK-A100	E9306555540350	24.6 (54.23)	54 (39.82)
			437,5 mm	DIN50 ADB	E3471555540350	25.7 (56.65)	54.5 (40.19)
			437,5 mm	BT50 TF ADB	E3216555540350	26.0 (57.32)	54.6 (40.27)
			437,5 mm	Seco-Capto C8	C8-391.5555-40350	24.1 (53.13)	53.9 (39.75)
			507,5-567,5 mm	Seco-Capto C8 + prolunga Seco-Capto aggiuntiva	C8-SML40-350-KL1 + attacco base Seco-Capto con LF da 70 a 130 mm	Dipende dall'attacco base Seco-Capto selezionato	
SM40-BB732-015	238-270 mm (9.370-10.630")	238-284 mm (9.370-11.181")	437,5 mm	HSK-A100	E9306555540350	25.2 (55.55)	56.4 (41.59)
			437,5 mm	DIN50 ADB	E3471555540350	26.3 (57.98)	56.8 (41.89)
			437,5 mm	BT50 TF ADB	E3216555540350	26.7 (58.86)	56.9 (41.96)
			437,5 mm	Seco-Capto C8	C8-391.5555-40350	24.7 (54.45)	56.3 (41.52)
			507,5-567,5 mm	Seco-Capto C8 + prolunga Seco-Capto aggiuntiva	C8-SML40-350-KL1 + attacco base Seco-Capto con LF da 70 a 130 mm	Dipende dall'attacco base Seco-Capto selezionato	
SM40-BB732-016	269-301 mm (10.591-11.850")	269-315 mm (10.591-12.402")	437,5 mm	HSK-A100	E9306555540350	25.8 (56.87)	58.2 (42.92)
			437,5 mm	DIN50 ADB	E3471555540350	26.9 (59.30)	58.7 (43.29)
			437,5 mm	BT50 TF ADB	E3216555540350	27.3 (60.18)	58.7 (43.29)
			437,5 mm	Seco-Capto C8	C8-391.5555-40350	25.4 (55.99)	58.1 (42.85)
			507,5-567,5 mm	Seco-Capto C8 + prolunga Seco-Capto aggiuntiva	C8-SML40-350-KL1 + attacco base Seco-Capto con LF da 70 a 130 mm	Dipende dall'attacco base Seco-Capto selezionato	



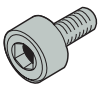


1. Tenone

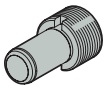
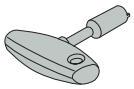
Codice di ordinazione	Codice prodotto	Dimensione	DMM	LF	BD	BD1	LCOG	OAL	LB	LSC	Max. num. di giri	Sede RFID	Equil-ibra-tura	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
E9306555540350	02753468	HSK-A100	40,0 *1.575*	350,0 *13.780*	89,0 *3.504*	89,0 *3.504*	178,9 *7.043*	427,0 *16.811*	321,0 *12.638*	27,0 *1.063*	3000	1	PB	19,4 *42.8*
E3216555540350	02926043	BT50 TF ADB	40,0 *1.575*	350,0 *13.780*	89,0 *3.504*	89,0 *3.504*	169,0 *6.654*	478,8 *18.850*	312,0 *12.283*	27,0 *1.063*	3000	1	PB	20,7 *45.6*
E3471555540350	02753471	DIN50 ADB	40,0 *1.575*	350,0 *13.780*	89,0 *3.504*	89,0 *3.504*	171,4 *6.748*	478,75 *18.848*	330,9 *13.028*	27,0 *1.063*	3000	1	PB	20,4 *45.0*
C8-391.5555-40350	02753473	C8	40,0 *1.575*	350,0 *13.780*	89,0 *3.504*	89,0 *3.504*	182,6 *7.189*	425,0 *16.732*	317,0 *12.480*	27,0 *1.063*	3100	1	PB	19,0 *41.9*
C8-SML40-350-KL1	10249301	C8	40,0 *1.575*	350,0 *13.780*	89,0 *3.504*	82,0 *3.228*	189,5 *7.461*	425,0 *16.732*	320,0 *12.598*	27,0 *1.063*	2800	1	PB	15,5 *34.2*

Controllare il peso dell'assemblato e la coppia di ribaltamento

Parti di ricambio, comprese nella fornitura

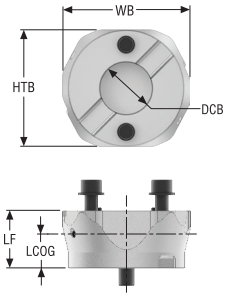
Per	Vite	Sealing Screws	Tenone
			
E930..	950D0616	–	16C2161621A
E321..	950D0616	950A0606	16C2161621A
E347..	950D0616	950A0606	16C2161621A
C8-391..	950D0616	–	16C2161621A
C8-SML..	950D0616	–	16C2161621A

Accessori

Per	Connettore refrigerante	Grani di tenuta	Chiave 3
			
E930..	20E9306	02E9306	03E9306
E321..	–	–	–
E347..	–	–	–
C8-391..	–	–	–
C8-SML..	–	–	–

BB73201x – Ponti di barenatura profonda





—Da montare su attacchi portafresa Steadyline® con centraggio da 40 mm, vedere le pagine 597
—Refrigerante attraverso il ponte di barenatura

Codice di ordinazione	Codice prodotto	DCN	DCX	HTB	WB	DCB	LF	LCOG	Peso
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
SM40-BB732-011	10270854	114,0 *4.488*	146,0 *5.748*	90,0 *3.543*	98,0 *3.858*	40,0 *1.575*	44,0 *1.732*	25,39 *1.000*	2,0 *4.4*
SM40-BB732-012	10270855	145,0 *5.709*	177,0 *6.969*	90,0 *3.543*	129,0 *5.079*	40,0 *1.575*	44,0 *1.732*	25,46 *1.002*	2,9 *6.4*
SM40-BB732-013	10270856	176,0 *6.929*	208,0 *8.189*	104,0 *4.094*	160,0 *6.299*	40,0 *1.575*	35,0 *1.378*	20,95 *0.825*	2,9 *6.4*
SM40-BB732-014	10270857	207,0 *8.150*	239,0 *9.409*	104,0 *4.094*	191,0 *7.520*	40,0 *1.575*	35,0 *1.378*	21,22 *0.835*	3,6 *7.9*
SM40-BB732-015	10270858	238,0 *9.370*	270,0 *10.630*	104,0 *4.094*	222,0 *8.740*	40,0 *1.575*	35,0 *1.378*	21,38 *0.842*	4,2 *9.3*
SM40-BB732-016	10270859	269,0 *10.591*	301,0 *11.850*	104,0 *4.094*	253,0 *9.961*	40,0 *1.575*	35,0 *1.378*	21,5 *0.846*	4,8 *10.6*

Coppia di serraggio 100 Nm (74 lb ft)
Per ulteriori dettagli sull'applicazione, fare riferimento alle istruzioni operative fornite con i ponti di barenatura e relative unità.

Massimo numero di giri al minuto, vedere le pagine. 590

Parti di ricambio, comprese nella fornitura

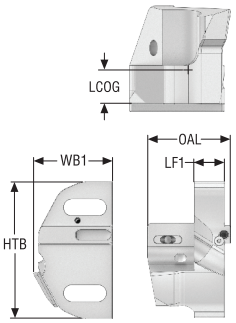
Per	Kit
	
SM40..011	90BB01
SM40..012	90BB01
SM40..013	90BB02
SM40..014	90BB02
SM40..015	90BB02
SM40..016	90BB02

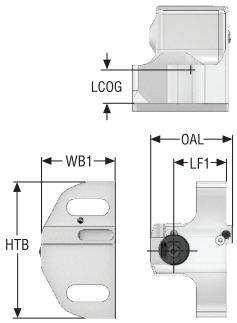
Accessori

Per	Chiave per vite staffa	Chiave di bloccaggio
		
SM40..011	03HL10	03HL08
SM40..012	03HL10	03HL08
SM40..013	03HL10	03HL08
SM40..014	03HL10	03HL08
SM40..015	03HL10	03HL08
SM40..016	03HL10	03HL08

BB732 – Blocchi di barenatura di sgrossatura e di finitura per ponti di barenatura BB732







—Da montare su ponti di barenatura BB732
—Adduzione interna del refrigerante attraverso i blocchi di sgrossatura e di finitura
—Per la barenatura di sgrossatura occorrono due unità di sgrossatura
—Per la barenatura di finitura occorrono un'unità di finitura e un contrappeso

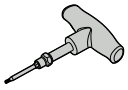
Codice di ordinazione	Codice prodotto	Tipo di unità di scorrimento	Lato utensile Capacità DCN-DCX Ø		LCOG	HTB	OAL	LF1	WB1	Peso
			mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*
BB732-RB400	10270863	Unità per barenatura di sgrossatura	114,0 *4.488*	301,0 *11.850*	16,04 *0.631*	90,0 *3.543*	54,5 *2.146*	20,0 *0.787*	52,0 *2.047*	0,7 *1.5*
BB732-FB500	10270864	Unità per barenatura di finitura	114,0 *4.488*	315,0 *12.402*	17,97 *0.707*	90,0 *3.543*	54,0 *2.126*	34,5 *1.358*	48,95 *1.927*	0,8 *1.8*
BB732-FB600	10270865	Contrappeso	114,0 *4.488*	315,0 *12.402*	18,36 *0.723*	90,0 *3.543*	54,0 *2.126*	–	48,95 *1.927*	0,8 *1.8*

Cartucce da ordinare a parte, vedere le pagine 589

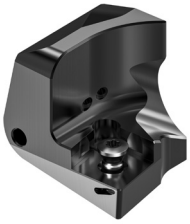
Parti di ricambio, comprese nella fornitura

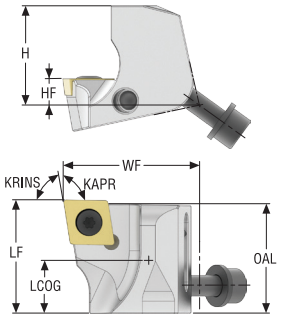
Per	Kit
	
BB732-RB400	–
BB732-FB500	90FB00
BB732-FB600	–

Accessori

Per	Chiave esagonale	Chiave di bloccaggio	Chiave dinamometrica
			
BB732-RB400	03H03	03HL08	H00T-50100
BB732-FB500	–	03HL08	H00-3030
BB732-FB600	03H03	03HL08	–

Cartucce per unità di sgrossatura per ponti di barenatura BB732-RB400





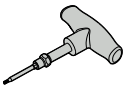
—Da montare sul blocco di barenatura di sgrossatura per BB732

Codice di ordinazione	Codice prodotto	KAPR°	KRINS°	Lato utensile Capacità DCN-DCX Ø		H	HF	WF	LF	LCOG	OAL	Peso	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
BB732-RB400-CC1291	10270860	91.0 °	80.0	114,0 *4.488*	301,0 *11.850*	28,0 *1.102*	7,53 *0.296*	38,445 *1.514*	32,5 *1.280*	14,82 *0.583*	31,56 *1.243*	0,2 *0.4*	CC..12..
BB732-RB400-CC1691	10270862	91.0 °	80.0	114,0 *4.488*	301,0 *11.850*	28,0 *1.102*	7,52 *0.296*	38,445 *1.514*	32,5 *1.280*	14,54 *0.572*	31,42 *1.237*	0,2 *0.4*	CC..16..

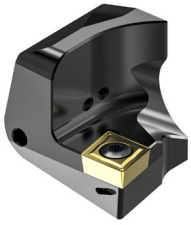
Parti di ricambio, comprese nella fornitura

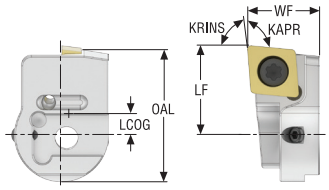
Per	Kit
	
BB732-RB400-CC1291	90RB01
BB732-RB400-CC1691	90RB01

Accessori

Per	Chiave esagonale	Chiave per vite staffa	Chiave (a cacciavite)	Chiave dinamometrica
				
BB732-RB400-CC1291	03H03	H00T-50100	T15P-2D	T00-15P50
BB732-RB400-CC1691	03H03	–	T15P-2D	H00T-50100

Cartucce per unità di finitura per ponti di barenatura BB732-FB500





—Da montare sul blocco di barenatura di finitura per BB732

Codice di ordinazione	Codice prodotto	KAPR°	KRINS°	Lato utensile Capacità DCN-DCX Ø		WF	LF	LCOG	OAL	Peso	Dimensione inserto
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	kg *lb*	
BB732-FB500-CC0995	10270861	95.5 °	80.0	114,0 *4.488*	315,0 *12.402*	14,5 *0.571*	18,0 *0.709*	4,18 *0.165*	26,44 *1.041*	0,1 *0.2*	CC..09..

Parti di ricambio, comprese nella fornitura

Per	Kit
	
BB732-FB500-CC0995	90FB01

Accessori

Per	Chiave esagonale	Chiave (a cacciavite)	Chiave dinamometrica
			
BB732-FB500-CC0995	03H03	T15P-2	H00-3030

Parametri di taglio e linee guida

Devono essere seguiti i valori iniziali raccomandati per gli inserti e le qualità riportati sulla confezione degli inserti, ma è importante considerare anche altri parametri, come la sporgenza dell'utensile, l'utilizzo della tecnologia Steadyline®, il materiale da lavorare, le forze di serraggio del mandrino della macchina, la coppia in relazione al numero di giri al minuto, la potenza netta etc...

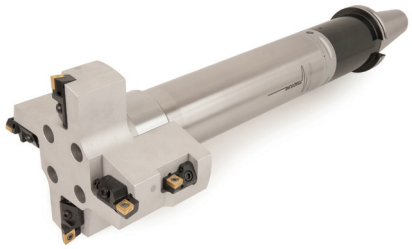
La combinazione di questi parametri può richiedere modifiche alle condizioni di taglio, rispetto alle applicazioni più convenzionali. Contatta il funzionario Seco di zona per assistenza nell'ottimizzazione dei parametri di taglio.

Tutti i ponti possono essere montati soltanto sui portafresa Steadyline con centraggio Ø40.

Non utilizzare al massimo numero di giri (RPM) con la coppia di taglio massima.

Soluzioni di barenatura personalizzate

Seco Tools Sistemi di Utensili ha una solida esperienza nella progettazione di soluzioni personalizzate per operazioni di barenatura:



- Soluzioni Steadyline® con smorzamento delle vibrazioni per applicazioni di sgrossatura e di finitura
- Barre di barenatura multi-tagliente
- Prolunghe speciali con pattini di guida, per operazioni con lunghe sporgenze
- Barre combinate per operazioni di foratura, barenatura, smussatura, alesatura e filettatura...

Per maggiori informazioni rivolgersi al funzionario Seco di zona.

Selezione di inserti per barenatura

Questa è una selezione di inserti dalla gamma completa Seco, particolarmente idonei per la barenatura. Le dimensioni degli inserti selezionate devono essere quelle idonee per la gamma di testine per barenatura.
Gli inserti per barenatura di sgrossatura hanno un'elevata tenacità per garantire una buona asportazione, e geometrie positive al fine di ridurre al minimo la richiesta di coppia al mandrino.

Gli inserti per barenatura di finitura hanno geometrie positive e taglienti resistenti all'usura per il controllo accurato della tolleranza di barenatura, della geometria e della finitura superficiale.

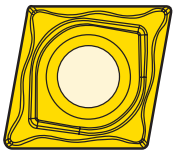
Chiavi di codifica, esempi

CCMT120408	–	M3	–	TP3501
1		2		3

1.
Dimensione (codice ISO)

2.
Geometria

3.
Qualità Seco



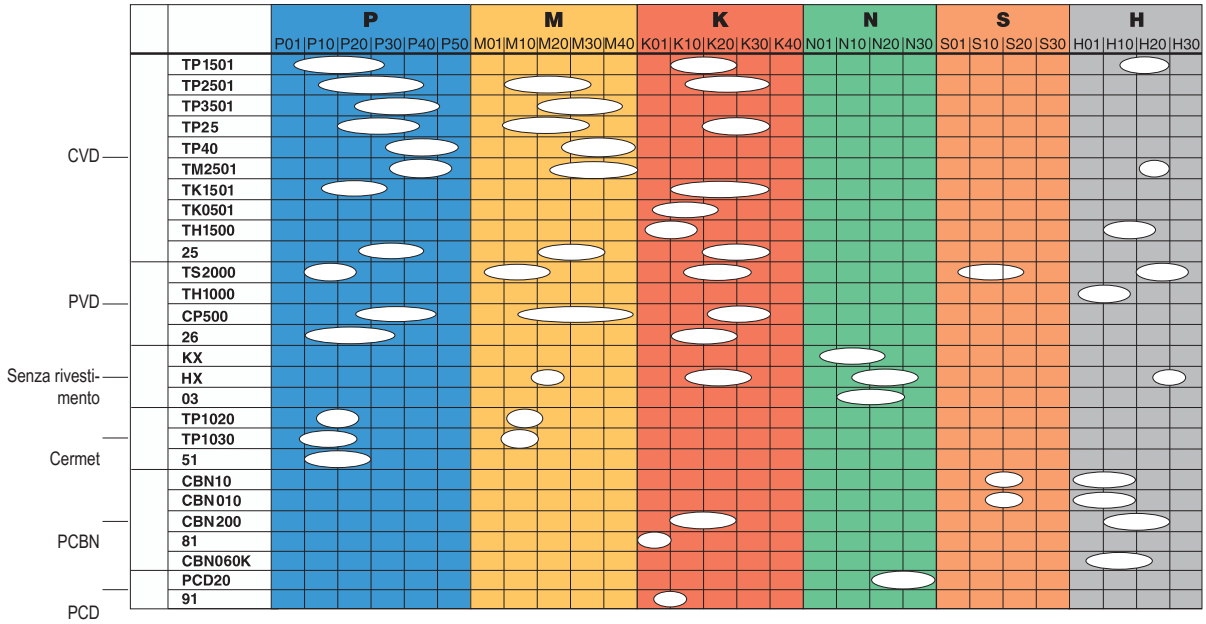
CCGT09T304	–	03	–	G3
1		2		3

1.
Dimensione (codice ISO)

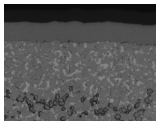
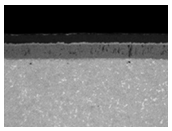
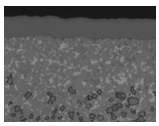
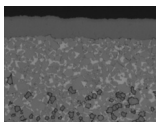
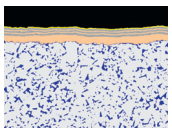
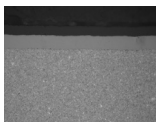
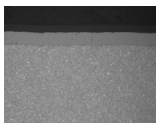
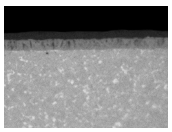
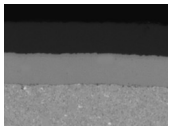
2.
Qualità

3.
Geometria sistemi di utensili

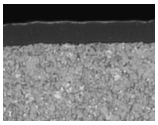
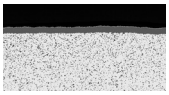
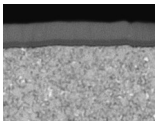
Qualità inserto per barenatura – Classificazione ISO dei materiali



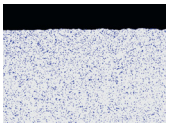
Le qualità rivestite CVD sono consigliate per la barenatura

TP1501		Qualità rivestita con tecnologia **Duratomic®**. Qualità estremamente resistente al calore e all'usura, particolarmente adatta per la tornitura generica di acciai e valida alternativa per altri gruppi materiale. Ti(C,N) + Al_2O_3 + ...
TP25		Qualità con alta resistenza all'usura e con tagliente tenace, con vasto campo applicativo per tornitura di acciai, acciai inossidabili e ghise. Un'alternativa affidabile a velocità di taglio ridotte o per superfici con elevati requisiti di finitura superficiale. Ti(C,N) + Al_2O_3 + Rilevamento del tagliente usurato (Chrome)
TP2501		Qualità rivestita con tecnologia **Duratomic®**. Progettata con un'elevata resistenza all'usura e robustezza del tagliente, è adatta a un'ampia gamma di applicazioni di tornitura su acciai, così come su molti acciai inossidabili e ghise. Ti(C,N) + Al_2O_3 + ...
TP3501		TP3501 è indicata per operazioni di barenatura in cui i requisiti primari sono tenacità e affidabilità nella lavorazione di acciai e acciai inossidabili. Ti(C,N) + Al_2O_3 DURATOMIC®
TP40		TP40 è la qualità base per la tornitura nella gamma P40. Qualità molto tenace per operazioni impegnative su pezzi fusi e forgiati in acciaio e su tutti i tipi di acciaio inossidabile. TiC/Ti(C,N) + TiN
TK0501		Qualità rivestita con tecnologia **Duratomic®**. Una qualità ottimizzata estremamente resistente all'usura per la lavorazione di ghisa grigia e ghise sferoidali meno difficoltose. Ti(C,N) + Al_2O_3 + Rilevamento del tagliente usurato (Chrome)
TK1501		Qualità rivestita con tecnologia **Duratomic®**. Una qualità altamente resistente all'usura per le ghise in generale così come per gli acciai. Questa qualità è particolarmente adatta per la lavorazione di ghise sferoidali (nodulari) anche di difficile lavorabilità e con tagli interrotti. Ti(C,N) + Al_2O_3 + Rilevamento del tagliente usurato (Chrome)
TM2501		Qualità Duratomic®. Qualità ad ampio spettro applicativo, ottimo rapporto tra resistenza all'usura e tenacità. Prima scelta per tornitura di acciai inossidabili austenitici. Complementare nella tornitura di acciaio con taglio fortemente interrotto. Ti(C,N) + Al_2O_3 + Rilevamento del tagliente usurato (Chrome)
TH1500		Qualità rivestita con tecnologia DURATOMIC®. Una qualità super micrograna estremamente dura, per la lavorazione di acciai costituiti da parti temprati e non; fornisce un'alternativa per la finitura della ghisa. Ti(C,N) + Al_2O_3
25		Qualità universale. La qualità è indicata per un'ampia gamma di applicazioni di barenatura su acciaio, acciaio inossidabile e ghisa. Buona combinazione di resistenza all'usura e tenacità. Ti (C, N) + Al2O3.

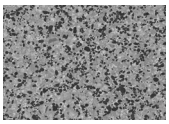
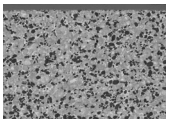
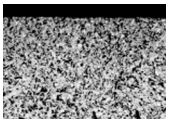
Le qualità rivestite PVD sono consigliate per la barenatura

TS2000		Micrograna resistente all'usura indicata principalmente per le operazioni di finitura su superleghe e leghe di titanio. Inoltre, offre buone prestazioni nelle operazioni di finitura su acciaio inossidabile. (Ti,Al)N + TiN
CP500 & 26G6		Una micrograna molto tenace per la finitura e la sgrossatura media diacciaio inossidabile. È in grado di gestire molto bene le operazioni di taglio interrottoi. CP500 è anche un'alternativa per le leghe di alluminio. (Ti,Al)N + TiN
TH1000		Qualità supermicrograna molto dura, progettata per componenti in acciaio costituite da parti temprate e non così come per materiali da lavorare generici come le superleghe; grazie alla notevole tenacità del tagliente, offre anche prestazioni elevate in tagli interrotti e asportazione su superfici dure.

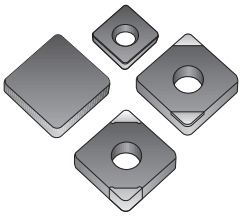
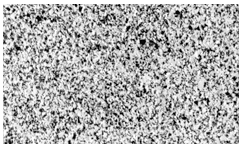
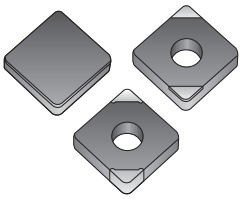
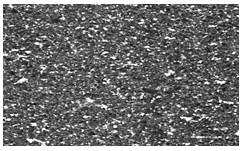
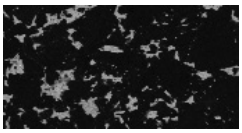
Le qualità non rivestite sono consigliate per la barenatura

KX & 03G3		Micrograna indicata per la lavorazione di alluminio e altri materiali non ferrosi.
HX		Qualità universale non rivestita per la lavorazione di ghisa e acciai temprati, utile anche per materiali non ferrosi.

Cermet è consigliato per la barenatura

TP1020		Cermet con resistenza all'usura molto elevata per i più elevati requisiti di finitura superficiale con usura prevedibile e controllo del truciolo su acciaio e acciaio inossidabile.
TP1030		Cermet rivestito PVD con resistenza all'usura molto elevata per i più rigorosi requisiti di finitura superficiale e produttività con usura prevedibile su acciaio e acciaio inossidabile. Rivestimento nanolaminato Ti-Al-Si-N.
51G1		Cermet con resistenza all'usura molto elevata. Per operazioni di finitura su acciai, in presenza di requisiti rigorosi per la finitura della superficie.

Le qualità r CBN e PCD sono consigliate per la barenatura

CBN010		Formato: Integrale, riporto completo brasato e placchette brasate (monolaterali e bilaterali). Composizione: Qualità contenente il 50% di CBN con dimensione media della grana di 2 µm e legante ceramico TiC. Rivestimento: Nessun rivestimento.
CBN10 & 81B1		CBN, qualità nitruro di boro cubico, per finitura con taglio da continuo a moderatamente interrotto. Per la barenatura di finitura di acciaio temprato e superleghe.
CBN060K		Integrale, inserti brasati (monolaterali e bilaterali) o strato sinterizzato. Prima scelta per taglio da continuo a moderatamente interrotto su acciaio temprato (a_p < 0,5 mm). Nuovo rivestimento (Ti, Si, Al)N PVD sviluppato per lavorazioni ad alta velocità. Nuovo esclusivo legante in superlega.
CBN200		Formato: Riporto completo e placchette brasate (monolaterali). Composizione: Qualità contenente 85% di cBN con dimensione media della grana di 2 µm e legante ceramico Co-W-Al. Rivestimento: Nessun rivestimento.
PCD20 & 91J3		PCD, diamante policristallino, per la barenatura di alluminio e leghe di alluminio, rame, ottone, bronzo e materiali sintetici.

Inserti consigliati per barenatura di sgrossatura, con parametri di taglio

Codice di ordinazione	Non rivestife Fianco rettificato e formatruciolo di pressatura			Rivestite Formatruciolo di pressatura					Rivestite Fianco rettificato e formatruciolo di pressatura, taglio sinistro	Profondità di taglio a_p mm *(inch)*	Avanzamento al dente f mm *(inch)*
	KX	HX	03D3	TP2501	TP3501	TP40	25C4	TK1501	CP500		
CPGT050204			02434654							2 *(0.079)*	0,08-0,2 *(0.0031-0.0079)*
CCMT060204-F1				02960857	03095430	00008505		03062942	00096854	2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060204-F2		74011732				74018652				2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCGT060204L-UX									02497631	2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCGT060204F-AL	00015710									2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060204-M3				02960858	03095431			03062944		2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT09T308-F1				02960861	03095443	00008518		03063857	00096858	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT09T308-MF2				02956309	03095446				02754822	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCGT09T304L-UX									02497640	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCGT09T308F-AL	00015754									2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT120408-F1				02960854	03095449			03062626		4 *(0.157)*	0,15-0,4 *(0.0059-0.0157)*
CCMT120408-MF2				02956311	03095452					4 *(0.157)*	0,15-0,4 *(0.0059-0.0157)*
CCGT120408L-UX									02610062	4 *(0.157)*	0,15-0,4 *(0.0059-0.0157)*
CCGT120408F-AL	00015790									5 *(0.197)*	0,15-0,4 *(0.0059-0.0157)*
SCMT060204-M3				02960423	03096621					2,5 *(0.098)*	0,1-0,22 *(0.0039-0.0087)*
SCMT09T308-F1				02960396	03096625			03062629	00099708	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
SCMT09T308-MF2				02956318	03096627				02755042	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
SCMT120408-F1				02960397	03096630				00099804	4 *(0.157)*	0,15-0,4 *(0.0059-0.0055)*
SCMT120408-M3				02960429	03096631			03063990		4 *(0.157)*	0,15-0,4 *(0.0059-0.0055)*
TCMT16T308-F1				02960408	03096643				00091357	5 *(0.197)*	0,15-0,4 *(0.0059-0.0055)*
TCMT16T308-MF2				02956323	03096645				02755046	5 *(0.197)*	0,15-0,4 *(0.0059-0.0055)*
TCGT16T308F-AL	00015875									4 *(0.157)*	0,15-0,4 *(0.0059-0.0055)*
SCMT150512-F2						74007348				7 *(0.276)*	0,2-0,5 *(0.0079-0.0197)*

Per le velocità di taglio consigliate, vedere le pagine 612-615

Inserti CN.., consigliati per barenatura di sgrossatura (bilaterali)

Codice di ordinazione	Rivestite Formatruciolo di pressatura				Profondità di taglio a_p mm *(inch)*	Avanzamento al dente f mm *(inch)*
	TP3500	TP40	TM2501	TP25		
CNMG120408-M3			03275990	03275989	4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MF3		74030598	03275999	03275998	4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MF4			03273904		4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MF1			03275995		4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*
CNMG120408-MR7		74017309	03276001		4,5 *(0.177)*	0,25-0,35 *(0.00984-0.01378)*

Per le velocità di taglio consigliate, vedere le pagine 612-615

Inserti consigliati per barenatura di finitura, con parametri di taglio

Codice di ordinazione	Rivestite							Cermet			Profondità di taglio a_p mm *(inch)*	Avanzamento al dente f mm *(inch)*
	TP1501	TS2000	TK1501	CP500	26G6	TH1000	TH1500	51G1	TP1020	TP1030		
CCGT060200								00083915			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT0602005-F1				02430287							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060201-F1				02430307							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060202					00039546			00096634			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204					00081826			00048334			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204L-UX				02497631							2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060202-F1	02960383	02614299		00096853					02754786	02754435	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT060204-F1	02960856	02615873	03062942	00096854		02825858			02754791	02754792	2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMW060202F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW060204F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060202S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204E-L1-B											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T301-F1				02430311							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T302					00048337			00048339			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304					00077338			00048344			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304L-UX				02497640							2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT09T302-F1	02960837			00096856					02754805	02754806	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T304-F1	02960844	02615874	03063856	00096857		02731806			02754811	02754812	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T308-F1	02960853	02615876	03063857	00096858		02731807				02754821	2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMW09T304F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW09T308F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304E-L1-B											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308E-L1-B											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110204								00000721			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110201-F1				02430376							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110202-F1				02430419							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110204-F1	02960401			02430421							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110208-F1	02960403			00098986							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204E-L1-C											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208E-L1-C											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208S-01020-LF											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMW110204F-L1											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030100								00083089			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102								00091845			0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102L				02416632							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGW030102											0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*

La tabella continua alla pagina successiva.

Per le velocità di taglio consigliate, vedere le pagine 612-615

Inserti consigliati per barenatura di finitura, con parametri di taglio

Codice di ordinazione	CBN				PCD		Profondità di taglio a_p mm *(inch)*	Avanzamento al dente f mm *(inch)*
	CBN010	CBN060K	CBN200	81B1	PCD20	91J3		
CCGT060200							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT0602005-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060201-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060202							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT060204L-UX							2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMT060202-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT060204-F1							2 *(0.079)*	0,1-0,22 *(0.0039-0.0087)*
CCMW060202F-L1					00089760		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW060204F-L1					00005684		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060202S-01020-LF			02464698				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204S-01020-LF	02916281		02464699				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW060204E-L1-B	02843086	02776337	02649599				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T301-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T302							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGT09T304L-UX							2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMT09T302-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T304-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMT09T308-F1							2,5 *(0.098)*	0,1-0,3 *(0.0039-0.0118)*
CCMW09T304F-L1					00005686		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCMW09T308F-L1					00095357		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304E-L1-B	02843126	02776338	02649607				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308E-L1-B	02937148		02649608				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T304S-01020-LF	02916282		02464702				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
CCGW09T308S-01020-LF			02464703				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110204							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGT110201-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110202-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110204-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMT110208-F1							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204E-L1-C	02848657	02776346					0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208E-L1-C	02848792						0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110204S-01020-LF			02464742				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCGW110208S-01020-LF			02464744				0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
TCMW110204F-L1					00005689		0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030100							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGT030102L							0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*
WBGW030102				00096761		00096763	0,01-0,3 *(0.000394-0.01181)*	0,03-0,15 *(0.0011811-0.0059055)*

Per le velocità di taglio consigliate, vedere le pagine 612-615

Velocità di taglio consigliate per la barenatura (in relazione al materiale del pezzo da lavorare e alla qualità dell'inserto) – misure metriche

SMG	v_c (m/min)										
	KX & HX	03	TP40	TP1501	TP2501	TP3501	TK0501	TK1501	TH1000	TH1500	CP500
P1			60-180	60-350	60-250	60-230					80-200
P2			60-180	60-350	60-250	60-230					80-200
P3			60-180	60-350	60-250	60-230					80-200
P4			60-180	60-350	60-250	60-230					80-200
P5			60-150	60-300	60-250	60-230					80-200
P6			60-140	60-300	60-230	60-200					80-180
P7			60-140	60-300	60-230	60-200					80-160
P8			60-120	60-250	60-230	60-200					80-130
P11			60-120	60-300	60-250	60-200					80-180
M1			60-130	100-200	60-200	60-200					60-160
M2			60-130	100-200	60-200	60-200					60-160
M3			60-120	100-180	60-200	60-200					60-150
M4			60-110	100-180	60-190	60-190					60-150
M5			60-110	100-180	60-180	60-180					60-150
K1			60-140	100-250		60-180	60-230	60-230			60-160
K2			60-140	100-250		60-180	60-230	60-230			60-160
K3			60-140	100-250		60-180	60-230	60-230			60-160
K4			60-140	100-250		60-180	60-200	60-200			60-160
K5			60-140	100-250		60-180	60-200	60-200			60-160
K6			60-130	100-250		60-180	60-200	60-200			60-160
K7			60-130	100-250		60-180	60-200	60-200			60-160
N1	150-800	150-800									150-800
N2	150-800	150-800									150-800
N3	150-500	150-500									150-500
N11	150-400	150-400									150-400
S1	20-50	20-50									20-50
S2	20-50	20-50									20-50
S3	20-50	20-50									20-50
S11	20-50	20-50									20-50
S12	20-50	20-50									20-50
S13	20-50	20-50									20-50
H3									50-150	50-150	
H5									50-140	50-140	
H7									50-150	50-150	
H8									30-130	30-130	
H11									30-120	30-120	
H12									30-120	30-120	
H21											
H31											

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

Velocità di taglio consigliate per la barenatura (in relazione al materiale del pezzo da lavorare e alla qualità dell'inserto) – *Pollici*

SMG	v_c *(sf/min)*										
	KX & HX	03	TP40	TP1501	TP2501	TP3501	TK0501	TK1501	TH1000	TH1500	CP500
P1			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P2			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P3			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P4			*197-591*	*197-1148*	*197-820*	*197-755*					*262-656*
P5			*197-492*	*197-984*	*197-820*	*197-755*					*262-656*
P6			*197-459*	*197-984*	*197-755*	*197-656*					*262-591*
P7			*197-459*	*197-984*	*197-755*	*197-656*					*262-525*
P8			*197-394*	*197-820*	*197-755*	*197-656*					*262-427*
P11			*197-394*	*197-984*	*197-820*	*197-656*					*262-591*
M1			*197-427*	*328-656*	*197-656*	*197-656*					*197-525*
M2			*197-427*	*328-656*	*197-656*	*197-656*					*197-525*
M3			*197-394*	*328-591*	*197-656*	*197-656*					*197-492*
M4			*197-361*	*328-591*	*197-623*	*197-623*					*197-492*
M5			*197-361*	*328-591*	*197-591*	*197-591*					*197-492*
K1			*197-459*	*328-820*		*197-591*	*197-755*	*197-755*			*197-525*
K2			*197-459*	*328-820*		*197-591*	*197-755*	*197-755*			*197-525*
K3			*197-459*	*328-820*		*197-591*	*197-755*	*197-755*			*197-525*
K4			*197-459*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
K5			*197-459*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
K6			*197-427*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
K7			*197-427*	*328-820*		*197-591*	*197-656*	*197-656*			*197-525*
N1	*492-2625*	*492-2625*									*492-2625*
N2	*492-2625*	*492-2625*									*492-2625*
N3	*492-1640*	*492-1640*									*492-1640*
N11	*492-1312*	*492-1312*									*492-1312*
S1	*66-164*	*66-164*									*66-164*
S2	*66-164*	*66-164*									*66-164*
S3	*66-164*	*66-164*									*66-164*
S11	*66-164*	*66-164*									*66-164*
S12	*66-164*	*66-164*									*66-164*
S13	*66-164*	*66-164*									*66-164*
H3									*164-492*	*164-492*	
H5									*164-459*	*164-459*	
H7									*164-492*	*164-492*	
H8									*98-427*	*98-427*	
H11									*98-394*	*98-394*	
H12									*98-394*	*98-394*	
H21											
H31											

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

Velocità di taglio consigliate per la barenatura (in relazione al materiale del pezzo da lavorare e alla qualità dell'inserto) – misure metriche

SMG	v_c (m/min)												
	26	25	TS2000	TP1020	TP1030	51	CBN10/ CBN010	81	CBN200	82	PCD20	91	Axiabore
P1	80-200	60-180		100-350	100-350	100-350							80-250
P2	80-200	60-180		100-350	100-350	100-350							80-250
P3	80-200	60-180		100-350	100-350	100-350							80-250
P4	80-200	60-180		100-350	100-350	100-350							80-250
P5	80-200	60-180		100-350	100-350	100-350							70-230
P6	80-180	60-160		100-300	100-300	100-300							70-230
P7	80-160	60-160		100-250	100-250	100-250							70-230
P8	80-130	60-130		100-250	100-250	100-250							70-200
P11	80-180	60-150		100-300	100-300	100-300							70-200
M1	60-160	60-140	60-200	80-200	80-200	80-200							60-200
M2	60-160	60-140	60-200	80-200	80-200	80-200							60-200
M3	60-150	60-130	60-200	80-200	80-200	80-200							60-180
M4	60-150	60-120	60-180	80-180	80-180	80-180							60-170
M5	60-150	60-120	60-180	80-180	80-180	80-180							60-170
K1	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-150
K2	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-150
K3	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-150
K4	60-160	60-160		100-250	100-250	100-250			300-1000	300-1000			60-130
K5	60-160	60-160		100-250	100-250	100-250							50-100
K6	60-160	60-160		100-180	100-180	100-180							50-100
K7	60-160	60-160		100-180	100-180	100-180							50-100
N1	150-800										300-1500	300-1500	200-800
N2	150-800										300-1500	300-1500	200-800
N3	150-500										200-800	200-800	200-800
N11	150-400										180-800	180-800	200-800
S1	20-50		20-80										20-60
S2	20-50		20-80										20-60
S3	20-50		20-80										60-50
S11	20-50		20-80										20-50
S12	20-50		20-80										20-50
S13	20-50		20-80										20-50
H3							80-180	80-180					
H5							80-200	80-200					
H7							80-150	80-150					
H8							80-150	80-150					
H11													
H12													
H21													
H31													

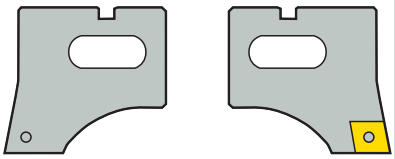
SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

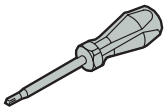
Velocità di taglio consigliate per la barenatura (in relazione al materiale del pezzo da lavorare e alla qualità dell'inserto) – *Pollici*

SMG	v_c *(sf/min)*												
	26	25	TS2000	TP1020	TP1030	51	CBN10/ CBN010	81	CBN200	82	PCD20	91	Axiabore
P1	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P2	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P3	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P4	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*262-820*
P5	*262-656*	*197-591*		*328-1148*	*328-1148*	*328-1148*							*230-755*
P6	*262-591*	*197-525*		*328-984*	*328-984*	*328-984*							*230-755*
P7	*262-525*	*197-525*		*328-820*	*328-820*	*328-820*							*230-755*
P8	*262-427*	*197-427*		*328-820*	*328-820*	*328-820*							*230-656*
P11	*262-591*	*197-492*		*328-984*	*328-984*	*328-984*							*230-656*
M1	*197-525*	*197-459*	*197-656*	*262-656*	*262-656*	*262-656*							*197-656*
M2	*197-525*	*197-459*	*197-656*	*262-656*	*262-656*	*262-656*							*197-656*
M3	*197-492*	*197-427*	*197-656*	*262-656*	*262-656*	*262-656*							*197-591*
M4	*197-492*	*197-394*	*197-591*	*262-591*	*262-591*	*262-591*							*197-558*
M5	*197-492*	*197-394*	*197-591*	*262-591*	*262-591*	*262-591*							*197-558*
K1	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-492*
K2	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-492*
K3	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-492*
K4	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*			*984-3281*	*984-3281*			*197-427*
K5	*197-525*	*197-525*		*328-820*	*328-820*	*328-820*							*164-328*
K6	*197-525*	*197-525*		*328-591*	*328-591*	*328-591*							*164-328*
K7	*197-525*	*197-525*		*328-591*	*328-591*	*328-591*							*164-328*
N1	*492-2625*										*984-4921*	*984-4921*	*656-2625*
N2	*492-2625*										*984-4921*	*984-4921*	*656-2625*
N3	*492-1640*										*656-2625*	*656-2625*	*656-2625*
N11	*492-1312*										*591-2625*	*591-2625*	*656-2625*
S1	*66-164*		*66-262*										*66-197*
S2	*66-164*		*66-262*										*66-197*
S3	*66-164*		*66-262*										*197-164*
S11	*66-164*		*66-262*										*66-164*
S12	*66-164*		*66-262*										*66-164*
S13	*66-164*		*66-262*										*66-164*
H3							*262-591*	*262-591*					
H5							*262-656*	*262-656*					
H7							*262-492*	*262-492*					
H8							*262-492*	*262-492*					
H11													
H12													
H21													
H31													

SMG = gruppo materiale Seco V_c = m/min Tutti i parametri di taglio sono valori di partenza

Chiavi e viti di bloccaggio inserti per portainserti, utensili e cartucce di barenatura

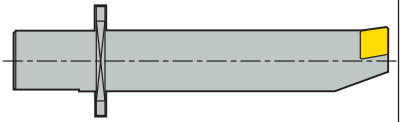


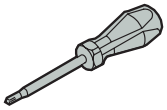




		Accessori		Parti di ricambio	
		Cacciavite Torx per vite di bloccaggio inserto *		Vite di bloccaggio inserto	
	Per dimensione inserto	Codice di ordinazione	Torx Plus	Codice di ordinazione	Torx Plus
Per portainserti di barenatura di sgrossatura	CP...0502	T07P-3	07	C02245-T07P	07
	CC...0602	T07P-3	07	C02504-T07P	07
	CC...09T3	T15P-3	15	C04008-T15P	15
	CC...1204	T15P-3	15	C05012-T15P	15
	CC...1605	T15P-3	15	C05012-T15P	15
	SC...0502	T07P-3	07	C02245-T07P	07
	SC...0602	T07P-3	07	C02504-T07P	07
	SC...09T3	T15P-3	15	C04008-T15P	15
	SC...1204	T15P-3	15	C05012-T15P	15
	SC...1505	T15P-3	15	C05012-T15P	15

* Un cacciavite Torx viene fornito con ciascuna testa per barenatura di sgrossatura.

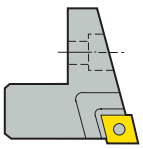


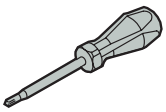




		Accessori		Parti di ricambio	
		Cacciavite Torx per vite di bloccaggio inserto *		Vite di bloccaggio inserto	
	Per dimensione inserto	Codice di ordinazione	Torx Plus	Codice di ordinazione	Torx Plus
Per tipo di utensile Axiabore™	WB...0301...	T06P-3	06	C02035-T06P	06
	CC...0602...	T07P-3	07	C02504-T07P	07
	–	T15P-3	15	C04008-T15P	15

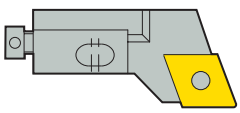
Ricambi per portainserti

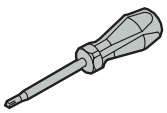






		Parti di ricambio			
		Chiave per vite inserto		Vite di bloccaggio inserto	
	Per dimensione inserto	Codice di ordinazione	Torx Plus	Codice di ordinazione	Torx Plus
Per portainserti per barenatura di finitura, portainserti di smussatura e portainserti per barenatura in tirata	WB...0301...	T06P-2	06	C02035-T06P	06
	CC...0602...	T07P-3	07	C02504-T07P	07
	CC...09T3...	T15P-3	15	C04008-T15P	15
	TC...1102...	T07P-3	07	C02504-T07P	07

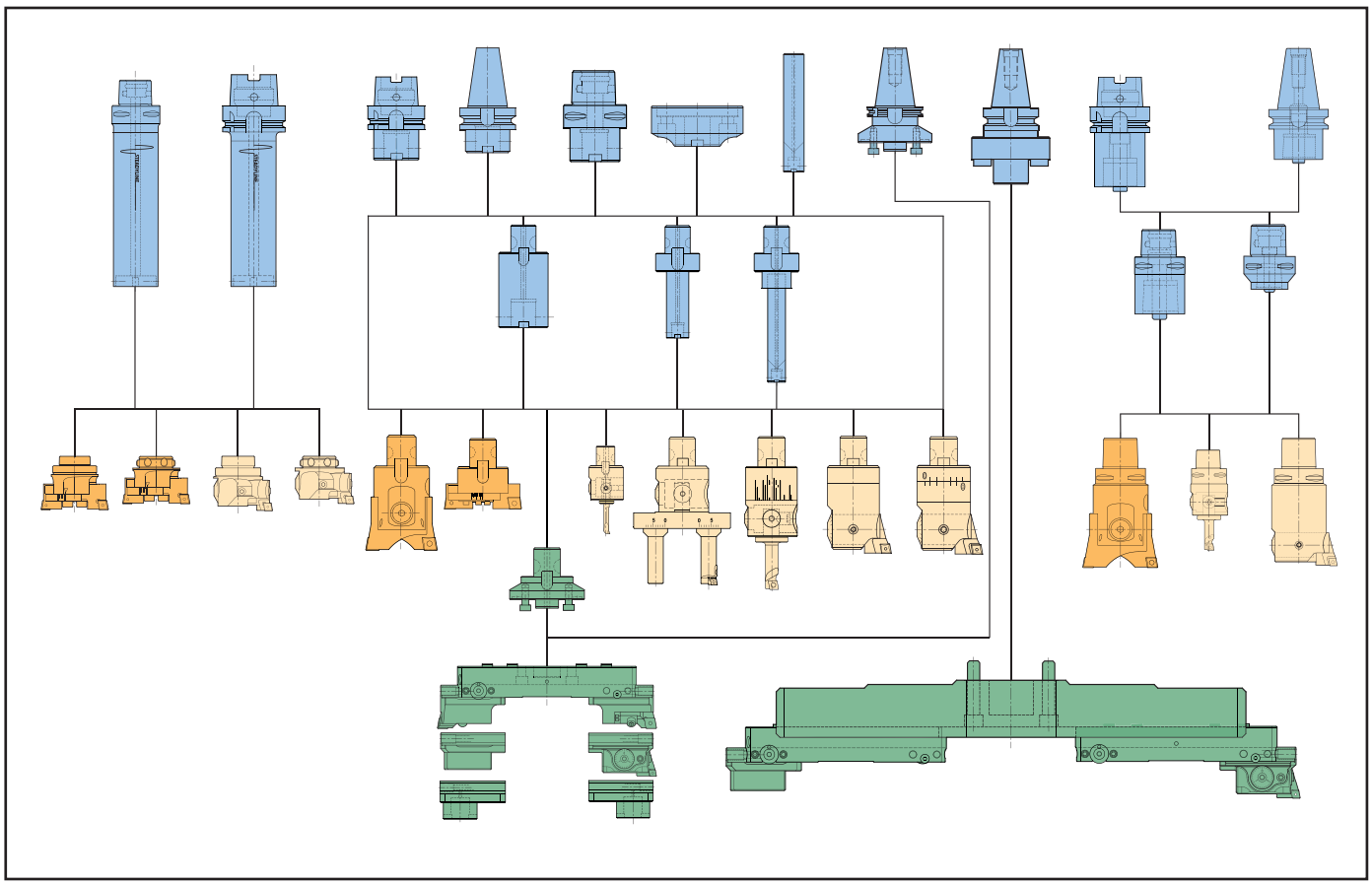






		Accessori		Parti di ricambio	
		Cacciavite Torx per vite di bloccaggio inserto *		Vite di bloccaggio inserto	
	Per dimensione inserto	Codice di ordinazione	Torx Plus	Codice di ordinazione	Torx Plus
Per cartucce	CC...16...	T15P-2	15	C05012-T15P	15
	SC...15...	T15P-2	15	C05012-T15P	15
	TC...16...	T15P-2	15	C03509-T15P	15
	TC...22...	T15P-2	15	C05012-T15P	15

Attacchi adatti per teste di barenatura



Le testine per barenatura hanno connessione lato macchina Graflex®, Seco-Capto™, GL o BA

Le testine per barenatura possono essere utilizzate su qualsiasi tipo di macchina, utilizzando l'adeguato adattatore Graflex®, Seco-Capto™ o l'adeguata barra Steadyline® di barenatura/tornitura con smorzamento delle vibrazioni.

Smorzamento delle vibrazioni **Steadyline® per operazioni di barenatura**
Le testine per barenatura con connessione lato macchina GL o BA sono progettate per essere montate su barre di barenatura/tornitura Steadyline® con connessione lato macchina HSK-T/A e Seco-Capto™. Questo consente di effettuare operazioni di barenatura di sgrossatura e di finitura con profondità 6xD, 8xD e 10xD in condizioni molto stabili.

Barre di barenatura modulari Graflex® e Seco-Capto™
Assemblando diverse parti intermedie Graflex® si possono raggiungere tutte le profondità di barenatura fino a 6xD; sono anche disponibili prolunghe extra-lunghe in metallo duro. Una maggiore rigidità di assemblaggio si ottiene selezionando l'attacco base più lungo o di maggior diametro possibile, quindi completando il sistema con elementi intermedi.

Le connessioni Graflex® e Seco-Capto™ garantiscono un orientamento unico delle testine per barenatura, in conformità agli standard ISO. I moduli Graflex® sono progettati per essere bloccati agendo su di una vite laterale, non è quindi necessario smontare tutto l'assemblato.

Per le testine per barenatura con connessione lato macchina GL per Steadyline®, selezionare la barra Steadyline® più corta dal catalogo Sistemi di Utensili. Queste barre sono disponibili con connessione lato macchina HSK-T/A e Seco-Capto™. È possibile impiegarle su altri tipi di mandrini macchina, usando gli adattatori Seco-Capto™ più corti.
Per testine per barenatura tradizionali (in acciaio), selezionare gli attacchi e le parti intermedie Graflex® e Seco-Capto™ tradizionali dal catalogo Sistemi di Utensili.
Per ponti di barenatura, vedere adattatori ed attacchi Graflex® a pagina 588.

Nota! I ponti di barenatura Jumbo sono progettati per essere montati su attacchi per frese a manicotto oppure direttamente sul mandrino macchina.



Graflex®

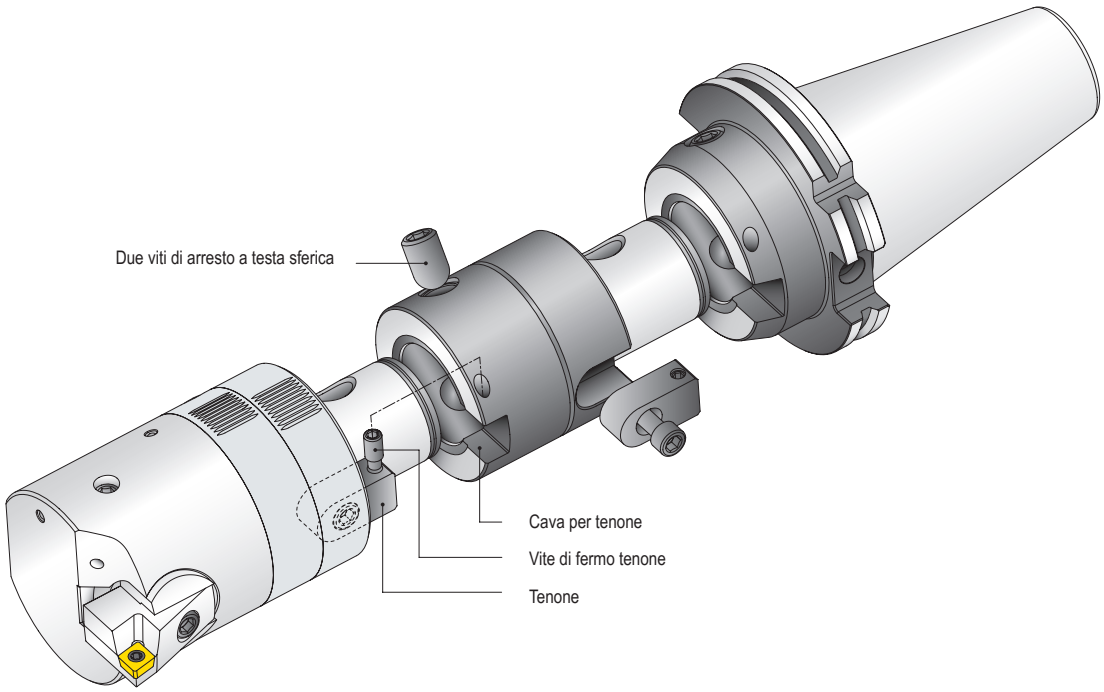
Gli assemblati Graflex® comprendono attacchi base, parti intermedie, portautensile e testine per barenatura e possono essere facilmente costruiti in funzione dell'applicazione. Adatti a fresatura, foratura, maschiatura, alesatura e barenatura, i moduli Graflex® offrono lunghezze e diametri variabili e possono essere montati su tutte le tipologie di macchine semplicemente sostituendo l'attacco base Graflex®.

- Eccellente rigidità di connessione
- L'ampia gamma di moduli offre un'elevata flessibilità
- Possibilità di utilizzare il refrigerante
- Buona ripetibilità

Consigli di bloccaggio per connessione Graflex® classica tipo G. su testine per barenatura (usando un tenone con vite di fermo).

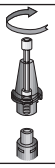
Per la barenatura, non è necessario serrare la vite di bloccaggio del tenone, in quanto la connessione ha effetto autobloccante.
Per la barenatura di sgrossatura pesante, raccomandiamo di applicare il "valore alto" della coppia di serraggio per le viti a sfera Graflex®.

Vedere anche i dettagli relativi alla procedura di assemblaggio della connessione Graflex® nel catalogo Sistemi di Utensili.

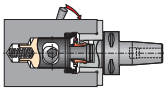


Consigli di bloccaggio per testine per barenatura con connessione Seco-Capto™ tipo C.: Nessun consiglio specifico. Per le testine per barenatura, si applicano le istruzioni generiche, vedere qui sotto.

Coppie di serraggio per connessioni Seco-Capto™ con bloccaggio con vite centrale (attacchi base, parti intermedie).

Dimensione Seco-Capto	Coppia di serraggio della vite centrale: (Nm)	Coppia di serraggio della vite centrale: (ft/lbs)	
C3	40-50	30-37	
C4	50-60	37-44	
C5	90-100	66-74	
C6	160-180	118-133	
C8	160-180	118-133	

Coppie di serraggio per connessioni Seco-Capto™ con bloccaggio ad espansione radiale, tramite una vite laterale con camma (montaggio in flangia.)

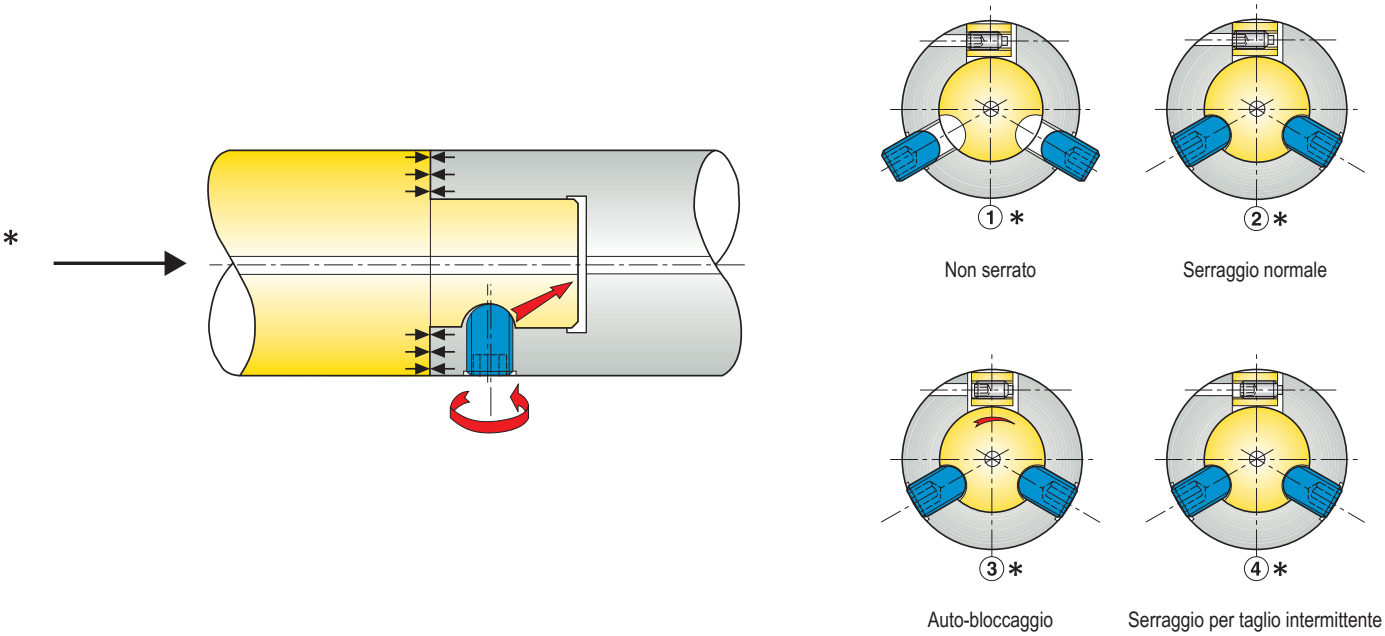
Dimensione Seco-Capto	Coppia di serraggio della camma (Nm)	Coppia di serraggio della camma (ft/lbs)	
C3	35	26	
C4	50	37	
C5	70	52	
C6	90	66	
C8	130	96	

La connessione Seco-Capto™ ha la caratteristica di essere conica ed auto-bloccante. Quando si utilizza il sistema di bloccaggio a vite centrale, allentare la vite finché la testa della vite va a contatto con l'attacco, causando l'espulsione di ciò che è connesso frontalmente. Quando si utilizza il sistema di bloccaggio a vite laterale, forzare la vite in apertura per causare l'espulsione di ciò che è connesso frontalmente.

Sistema modulare Graflex® - Guida

1. Assemblare l'attacco Graflex® ed il modulo (i moduli) utilizzando il tenone (i tenoni) per un facile orientamento. Serrare le viti di bloccaggio a testa sferica assicurandosi che la faccia sinistra del tenone sia a contatto con la faccia sinistra della scanalatura del tenone (disegni 1 e 2).
2. Il momento torcente a cui è sottoposta la connessione durante la lavorazione, ad esempio durante un'operazione di barenatura, causa una microrotazione del sistema che modifica il punto di contatto delle viti di bloccaggio. Il risultato è un auto bloccaggio complementare che aumenta la rigidità del sistema (disegno 3).
3. Per operazioni con taglio interrotto, per esempio nella fresatura pesante, la vite di bloccaggio all'interno del tenone può essere serrata in modo da evitare un movimento micro-rotazionale e prevenire l'autobloccaggio (disegno 4).

Procedura di assemblaggio Graflex®

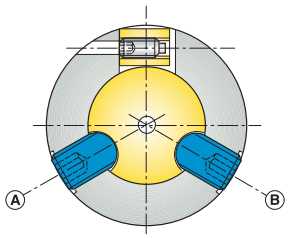


Non serrato | Serraggio normale | Auto-bloccaggio | Serraggio per taglio intermittente

* I disegni 1, 2, 3 e 4 sono visti anteriormente (dalla parte dell'utensile) - come durante le operazioni di assemblaggio utilizzando il Toolboy.

Procedura di assemblaggio Graflex® ottimizzata

Vista sinistra

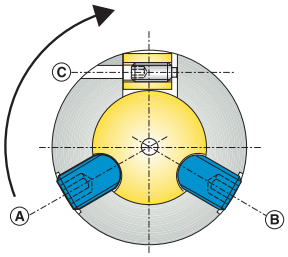


Serraggio normale per taglio continuo, ad esempio barenatura, fresatura leggera

1. Pulire le parti da assemblare e applicare una sottile pellicola di protezione dall'ossidazione.
2. Assemblare le parti assicurandosi che la faccia sinistra del tenone sia a contatto con la faccia sinistra della scanalatura del tenone.
3. Serrare leggermente la vite A
4. Serrare leggermente la vite B

5. Serrare la vite A (valori bassi).
6. Serrare la vite B (valori bassi).

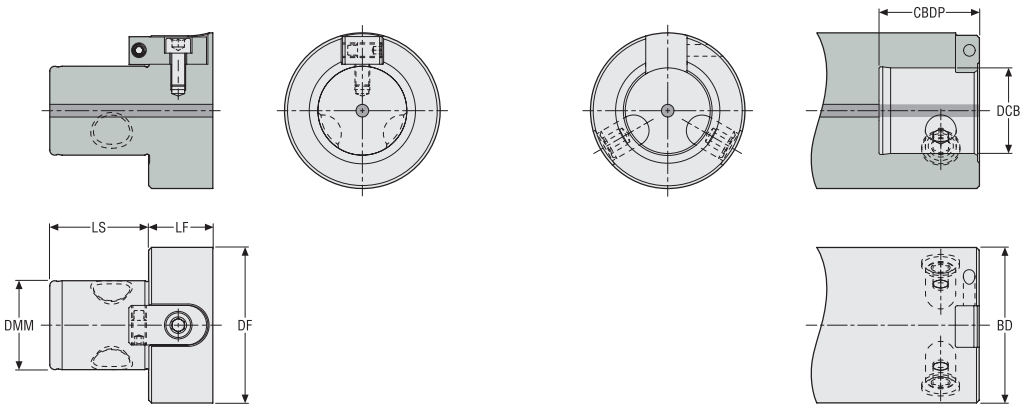
Vista sinistra



Serraggio per taglio interrotto, ad esempio barenatura interrotta, fresatura pesante

5. Serrare la vite di bloccaggio C.
6. Serrare la vite A (valori alti).
7. Serrare la vite B (valori elevati).
8. Ricontrollare il serraggio della vite di bloccaggio

Graflex®, Dimensioni secondo normativa



Tipologia lato macchina	Sede per microchip*	DF	DMM	LS	LF
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
G0	No	16 *0.630*	8 *0.315*	12 *0.472*	8 *0.315*
G1	No	20 *0.787*	11 *0.433*	13 *0.512*	9,5 *0.374*
G2	No	25 *0.984*	14 *0.551*	16 *0.630*	11 *0.433*
G3	No	32 *1.260*	18 *0.709*	20 *0.787*	14 *0.551*
G4	No	40 *1.575*	22 *0.866*	24 *0.945*	17 *0.669*
G5	No	50 *1.969*	28 *1.102*	30 *1.181*	20 *0.787*
G6	No	63 *2.480*	36 *1.417*	40 *1.575*	26 *1.024*
G7	No	90 *3.543*	46 *1.811*	50 *1.969*	26 *1.024*

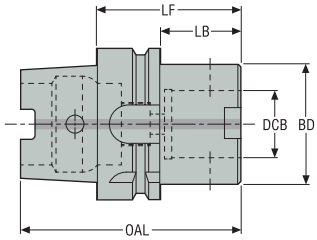
Lato lato macchina	Sede per microchip*	CBDP	DCB	BD
		mm *Inch*	mm *Inch*	mm *Inch*
G0	No	16 *0.630*	8 *0.315*	12 *0.472*
G1	No	20 *0.787*	11 *0.433*	13 *0.512*
G2	No	25 *0.984*	14 *0.551*	16 *0.630*
G3	No	32 *1.260*	18 *0.709*	20 *0.787*
G4	No	40 *1.575*	22 *0.866*	24 *0.945*
G5	No	50 *1.969*	28 *1.102*	30 *1.181*
G6	No	63 *2.480*	36 *1.417*	40 *1.575*
G7	No	90 *3.543*	46 *1.811*	50 *1.969*

Nota: Queste norme dimensionali lato macchina e lato utensile sono applicate a tutti gli attacchi mostrati nelle pagine di prodotto.
* Senza sede per microchip RFID

G 401 – Adattatori Graflex®

HSK-A/ ISO12164-1-HSK-A

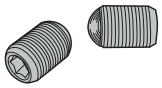




—Per i grani di tenuta, i tubi del refrigerante e le chiavi HSK, vedere pag. 645

Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	OAL	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
EM93034012870	00086917	HSK-A50	G5	28,0 *1.102*	70,0 *2.756*	44,0 *1.732*	50,0 *1.969*	95,0 *3.740*	1	PB	0,9 *1.980*
EM93044011445	02469722	HSK-A63	G2	14,0 *0.551*	45,0 *1.772*	19,0 *0.748*	25,0 *0.984*	77,0 *3.031*	1	G6.3	0,7 *1.540*
EM93044011850	00086918	HSK-A63	G3	18,0 *0.709*	50,0 *1.969*	24,0 *0.945*	32,0 *1.260*	82,0 *3.228*	1	G6.3	0,8 *1.760*
EM93044012255	00088217	HSK-A63	G4	22,0 *0.866*	55,0 *2.165*	29,0 *1.142*	40,0 *1.575*	87,0 *3.425*	1	G6.3	0,9 *1.980*
EM93044012860	00086920	HSK-A63	G5	28,0 *1.102*	60,0 *2.362*	34,0 *1.339*	50,0 *1.969*	92,0 *3.622*	1	PB	1,0 *2.200*
EM930440128100	00086921	HSK-A63	G5	28,0 *1.102*	100,0 *3.937*	74,0 *2.913*	50,0 *1.969*	132,0 *5.197*	1	PB	1,6 *3.530*
EM930440128140	00086922	HSK-A63	G5	28,0 *1.102*	140,0 *5.512*	114,0 *4.488*	50,0 *1.969*	172,0 *6.772*	1	PB	2,18 *4.810*
EM93044013670	00086923	HSK-A63	G6	36,0 *1.417*	70,0 *2.756*	44,0 *1.732*	63,0 *2.480*	102,0 *4.016*	1	PB	1,3 *2.870*
EM930440136120	00086924	HSK-A63	G6	36,0 *1.417*	120,0 *4.724*	94,0 *3.701*	63,0 *2.480*	152,0 *5.984*	1	PB	2,38 *5.250*
EM93064011855	00086925	HSK-A100	G3	18,0 *0.709*	55,0 *2.165*	26,0 *1.024*	32,0 *1.260*	105,0 *4.134*	1	G6.3	2,2 *4.850*
EM93064012260	00086926	HSK-A100	G4	22,0 *0.866*	60,0 *2.362*	31,0 *1.220*	40,0 *1.575*	110,0 *4.331*	1	G6.3	2,3 *5.070*
EM93064012865	00086927	HSK-A100	G5	28,0 *1.102*	65,0 *2.559*	36,0 *1.417*	50,0 *1.969*	115,0 *4.528*	1	PB	2,4 *5.290*
EM930640128110	00086928	HSK-A100	G5	28,0 *1.102*	110,0 *4.331*	81,0 *3.189*	50,0 *1.969*	160,0 *6.299*	1	PB	3,1 *6.830*
EM930640128150	00086929	HSK-A100	G5	28,0 *1.102*	150,0 *5.906*	121,0 *4.764*	50,0 *1.969*	200,0 *7.874*	1	PB	3,7 *8.160*
EM93064013675	00083432	HSK-A100	G6	36,0 *1.417*	75,0 *2.953*	46,0 *1.811*	63,0 *2.480*	125,0 *4.921*	1	PB	2,8 *6.170*
EM930640136120	00086931	HSK-A100	G6	36,0 *1.417*	120,0 *4.724*	91,0 *3.583*	63,0 *2.480*	170,0 *6.693*	1	PB	3,9 *8.600*
EM930640136160	00086932	HSK-A100	G6	36,0 *1.417*	160,0 *6.299*	131,0 *5.157*	63,0 *2.480*	210,0 *8.268*	1	PB	4,8 *10.580*
EM93064014685	00074385	HSK-A100	G7	46,0 *1.811*	85,0 *3.346*	56,0 *2.205*	90,0 *3.543*	135,0 *5.315*	1	PB	4,0 *8.820*
EM930640146160	00086933	HSK-A100	G7	46,0 *1.811*	160,0 *6.299*	131,0 *5.157*	90,0 *3.543*	210,0 *8.268*	1	PB	7,67 *16.910*
HSKA125-G6-120	03229653	HSK-A125	G6	36,0 *1.417*	120,0 *4.724*	91,0 *3.583*	63,0 *2.480*	183,0 *7.205*	1	PB	5,1 *11.240*
HSKA125-G7-120	03229654	HSK-A125	G7	46,0 *1.811*	120,0 *4.724*	91,0 *3.583*	90,0 *3.543*	183,0 *7.205*	1	PB	7,1 *15.650*

Parti di ricambio, comprese nella fornitura

Per dimensione	Vite di assemblaggio
	
G2	90F2
G3	90F3
G4	90F4
G5	90F5
G6	90F6
G7	90F7

Accessori

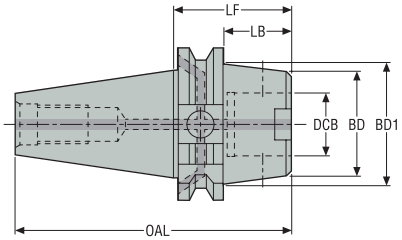
Per dimensione	Chiave di bloccaggio
	
G2	03H025
G3	03H03
G4	03H04
G5	03H05
G6	03H06
G7	03H10

G 401 – Adattatori Graflex®

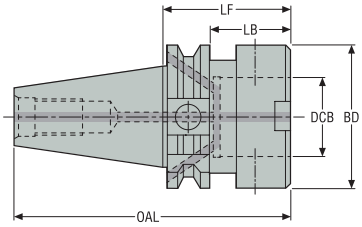
SA/SK/DIN 69871-ADB



Disegno 1



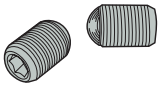
Disegno 2



Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
EM34694011190	02503292	DIN40 ADB	G1	11,0 *0.433*	90,0 *3.543*	70,9 *2.791*	20,0 *0.787*	–	158,4 *6.236*	2	1	G6.3	1,0 *2.200*
EM34694011435	02469729	DIN40 ADB	G2	14,0 *0.551*	35,0 *1.378*	15,9 *0.626*	25,0 *0.984*	–	103,4 *4.071*	2	1	G6.3	0,83 *1.830*
EM34694011490	02503293	DIN40 ADB	G2	14,0 *0.551*	90,0 *3.543*	70,9 *2.791*	25,0 *0.984*	–	158,4 *6.236*	2	1	G6.3	1,1 *2.430*
EM34694011835	02420097	DIN40 ADB	G3	18,0 *0.709*	35,0 *1.378*	15,9 *0.626*	32,0 *1.260*	50,0 *1.969*	103,4 *4.071*	1	1	G6.3	1,0 *2.200*
EM346940118100	02503298	DIN40 ADB	G3	18,0 *0.709*	100,0 *3.937*	80,9 *3.185*	32,0 *1.260*	–	168,4 *6.630*	2	1	G6.3	1,3 *2.870*
EM34694012235	02503299	DIN40 ADB	G4	22,0 *0.866*	35,0 *1.378*	15,9 *0.626*	40,0 *1.575*	50,0 *1.969*	103,4 *4.071*	1	1	G6.3	0,92 *2.030*
EM346940122100	02503300	DIN40 ADB	G4	22,0 *0.866*	100,0 *3.937*	80,9 *3.185*	40,0 *1.575*	–	168,4 *6.630*	2	1	G6.3	1,5 *3.310*
EM34694012840	02458421	DIN40 ADB	G5	28,0 *1.102*	40,0 *1.575*	20,9 *0.823*	50,0 *1.969*	–	108,4 *4.268*	2	1	PB	1,0 *2.200*
EM34694012880	02503301	DIN40 ADB	G5	28,0 *1.102*	80,0 *3.150*	60,9 *2.398*	50,0 *1.969*	–	148,4 *5.843*	2	1	PB	1,5 *3.310*
EM346940128120	02503302	DIN40 ADB	G5	28,0 *1.102*	120,0 *4.724*	100,9 *3.972*	50,0 *1.969*	–	188,4 *7.417*	2	1	PB	2,1 *4.630*
EM34694013660	02503303	DIN40 ADB	G6	36,0 *1.417*	60,0 *2.362*	40,9 *1.610*	63,0 *2.480*	–	128,4 *5.055*	2	1	PB	1,3 *2.870*
EM346940136120	02503304	DIN40 ADB	G6	36,0 *1.417*	120,0 *4.724*	100,9 *3.972*	63,0 *2.480*	–	188,4 *7.417*	2	1	PB	2,7 *5.950*
EM347140114100	02503306	DIN50 ADB	G2	14,0 *0.551*	100,0 *3.937*	80,9 *3.185*	25,0 *0.984*	–	201,7 *7.941*	2	1	G6.3	2,9 *6.390*
EM34714011835	02503307	DIN50 ADB	G3	18,0 *0.709*	35,0 *1.378*	15,9 *0.626*	32,0 *1.260*	–	136,7 *5.382*	2	1	G6.3	2,67 *5.890*
EM347140118110	02503308	DIN50 ADB	G3	18,0 *0.709*	110,0 *4.331*	90,9 *3.579*	32,0 *1.260*	–	211,7 *8.335*	2	1	G6.3	3,1 *6.830*
EM34714012235	02503309	DIN50 ADB	G4	22,0 *0.866*	35,0 *1.378*	15,9 *0.626*	40,0 *1.575*	80,0 *3.150*	136,7 *5.382*	1	1	G6.3	2,88 *6.350*
EM347140122120	02503311	DIN50 ADB	G4	22,0 *0.866*	120,0 *4.724*	100,9 *3.972*	40,0 *1.575*	–	221,7 *8.728*	2	1	G6.3	3,4 *7.500*
EM34714012840	02503312	DIN50 ADB	G5	28,0 *1.102*	40,0 *1.575*	20,9 *0.823*	50,0 *1.969*	–	141,7 *5.579*	2	1	PB	2,75 *6.060*
EM347140128100	02503315	DIN50 ADB	G5	28,0 *1.102*	100,0 *3.937*	80,9 *3.185*	50,0 *1.969*	–	201,7 *7.941*	2	1	PB	3,56 *7.850*
EM347140128140	02503316	DIN50 ADB	G5	28,0 *1.102*	140,0 *5.512*	120,9 *4.760*	50,0 *1.969*	–	241,7 *9.516*	2	1	PB	4,08 *8.990*
EM34714013645	02503317	DIN50 ADB	G6	36,0 *1.417*	45,0 *1.772*	25,9 *1.020*	63,0 *2.480*	–	146,7 *5.776*	2	1	PB	2,9 *6.390*
EM347140136100	02503318	DIN50 ADB	G6	36,0 *1.417*	100,0 *3.937*	80,9 *3.185*	63,0 *2.480*	–	201,7 *7.941*	2	1	PB	4,1 *9.040*
EM347140136140	02503319	DIN50 ADB	G6	36,0 *1.417*	140,0 *5.512*	120,9 *4.760*	63,0 *2.480*	–	241,7 *9.516*	2	1	PB	5,1 *11.240*
EM34714014650	02503320	DIN50 ADB	G7	46,0 *1.811*	50,0 *1.969*	30,9 *1.217*	90,0 *3.543*	–	151,7 *5.972*	2	1	PB	3,3 *7.280*
EM347140146120	02503321	DIN50 ADB	G7	46,0 *1.811*	120,0 *4.724*	100,9 *3.972*	90,0 *3.543*	–	221,7 *8.728*	2	1	PB	6,5 *14.330*

Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
EM347140146200	02503324	DIN50 ADB	G7	46,0 *1.811*	200,0 *7.874*	180,9 *7.122*	90,0 *3.543*	–	301,7 *11.878*	2	1	PB	10,4 *22.930*

Parti di ricambio, comprese nella fornitura

Per dimensione	Vite di assemblaggio	Sealing Screws
		
DIN40/ G1	90F1	950A0406
DIN40/ G2	90F2	950A0406
DIN40/ G3	90F3	950A0406
DIN40/ G4	90F4	950A0406
DIN40/ G5	90F5	950A0406
DIN40/ G6	90F6	950A0406
DIN50/ G2	90F2	950A0606
DIN50/ G3	90F3	950A0606
DIN50/ G4	90F4	950A0606
DIN50/ G5	90F5	950A0606
DIN50/ G6	90F6	950A0606
DIN50/ G7	90F7	950A0606
EM34714014650	90F71	950A0606

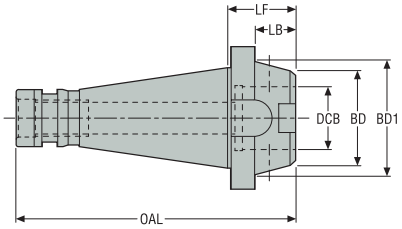
Accessori

Per dimensione	Chiave di bloccaggio
	
DIN40/ G1	03H02
DIN40/ G2	03H025
DIN40/ G3	03H03
DIN40/ G4	03H04
DIN40/ G5	03H05
DIN40/ G6	03H06
DIN50/ G2	03H025
DIN50/ G3	03H03
DIN50/ G4	03H04
DIN50/ G5	03H05
DIN50/ G6	03H06
DIN50/ G7	03H10
EM34714014650	03H10

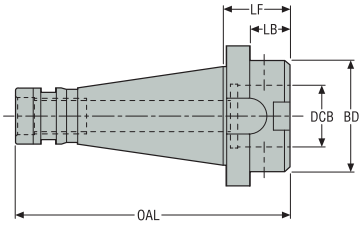
G 401 – Adattatori Graflex®
DIN 2080



Disegno 1

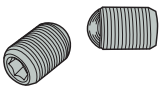


Disegno 2



Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
EM00404013650	00076707	DIN(2080)40	G6	36,0 *1.417*	50,0 *1.969*	0,0 –	63,0 *2.480*	–	143,4 *5.646*	2	0	PB	1,3 *2.870*
EM00504012835	00076710	DIN(2080)50	G5	28,0 *1.102*	35,0 *1.378*	19,8 *0.780*	50,0 *1.969*	78,0 *3.071*	161,8 *6.370*	1	0	PB	2,94 *6.480*
EM00504013640	00076714	DIN(2080)50	G6	36,0 *1.417*	40,0 *1.575*	24,8 *0.976*	63,0 *2.480*	–	166,8 *6.567*	2	0	PB	2,9 *6.390*
EM00504014645	00076718	DIN(2080)50	G7	46,0 *1.811*	45,0 *1.772*	29,8 *1.173*	90,0 *3.543*	–	171,8 *6.764*	2	0	PB	3,34 *7.360*

Parti di ricambio, comprese nella fornitura

Per dimensione	Vite di assemblaggio
	
G5	90F5
G6	90F6
G7	90F7

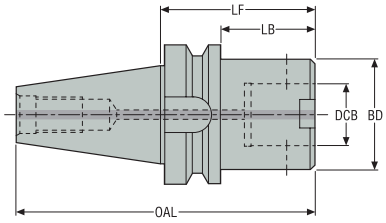
Accessori

Per dimensione	Chiave di bloccaggio
	
G5	03H05
G6	03H06
G7	03H10

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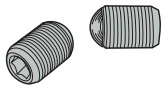
BT JIS B 6339-AD





Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	OAL	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
EM40404011835	00056699	BT30 AD	G3	18,0 *0.709*	35,0 *1.378*	13,0 *0.512*	32,0 *1.260*	83,4 *3.283*	0	G6.3	0,5 *1.100*
EM40404012850	00056705	BT30 AD	G5	28,0 *1.102*	50,0 *1.969*	25,0 *0.984*	50,0 *1.969*	98,4 *3.874*	0	PB	0,7 *1.540*

Parti di ricambio, comprese nella fornitura

Per dimensione	Vite di assemblaggio
	
EM40404011835	90F3
EM40404012850	90F5

Accessori

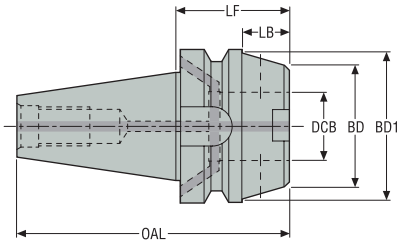
Per dimensione	Chiave di bloccaggio
	
EM40404011835	03H03
EM40404012850	03H05

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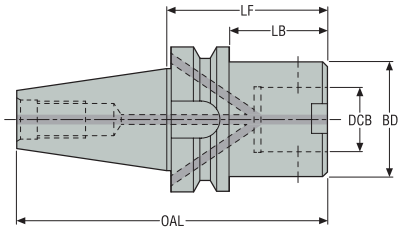
BT JIS B 6339-ADB



Disegno 1



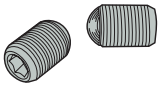
Disegno 2



Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
EM34144011190	02503364	BT40 ADB	G1	11,0 *0.433*	90,0 *3.543*	63,0 *2.480*	20,0 *0.787*	–	155,4 *6.118*	2	1	G6.3	1,1 *2.430*
EM34144011440	02469725	BT40 ADB	G2	14,0 *0.551*	40,0 *1.575*	13,0 *0.512*	25,0 *0.984*	–	105,4 *4.150*	2	1	G6.3	0,98 *2.160*
EM34144011490	02503365	BT40 ADB	G2	14,0 *0.551*	90,0 *3.543*	63,0 *2.480*	25,0 *0.984*	–	155,4 *6.118*	2	1	G6.3	1,2 *2.650*
EM34144011840	02503366	BT40 ADB	G3	18,0 *0.709*	40,0 *1.575*	13,0 *0.512*	32,0 *1.260*	62,0 *2.441*	105,4 *4.150*	1	1	G6.3	1,07 *2.360*
EM341440118100	02503367	BT40 ADB	G3	18,0 *0.709*	100,0 *3.937*	73,0 *2.874*	32,0 *1.260*	–	165,4 *6.512*	2	1	G6.3	1,31 *2.890*
EM34144012245	02503368	BT40 ADB	G4	22,0 *0.866*	45,0 *1.772*	18,0 *0.709*	40,0 *1.575*	62,0 *2.441*	110,4 *4.346*	1	1	G6.3	1,2 *2.650*
EM341440122100	02503370	BT40 ADB	G4	22,0 *0.866*	100,0 *3.937*	73,0 *2.874*	40,0 *1.575*	–	165,4 *6.512*	2	1	G6.3	1,6 *3.530*
EM34144012845	02457989	BT40 ADB	G5	28,0 *1.102*	45,0 *1.772*	18,0 *0.709*	50,0 *1.969*	62,0 *2.441*	110,4 *4.346*	1	1	PB	1,2 *2.650*
EM34144012880	02503371	BT40 ADB	G5	28,0 *1.102*	80,0 *3.150*	53,0 *2.087*	50,0 *1.969*	–	145,4 *5.724*	2	1	PB	1,6 *3.530*
EM341440128120	02503372	BT40 ADB	G5	28,0 *1.102*	120,0 *4.724*	93,0 *3.661*	50,0 *1.969*	–	185,4 *7.299*	2	1	PB	2,2 *4.850*
EM34144013650	02503373	BT40 ADB	G6	36,0 *1.417*	50,0 *1.969*	0,0 –	63,0 *2.480*	–	115,4 *4.543*	2	0	PB	1,2 *2.650*
EM341440136120	02503374	BT40 ADB	G6	36,0 *1.417*	120,0 *4.724*	0,0 –	63,0 *2.480*	–	185,4 *7.299*	2	1	PB	2,8 *6.170*
EM341640114110	02503375	BT50 ADB	G2	14,0 *0.551*	110,0 *4.331*	72,0 *2.835*	25,0 *0.984*	–	211,8 *8.339*	2	1	G6.3	3,8 *8.380*
EM34164011845	02503376	BT50 ADB	G3	18,0 *0.709*	45,0 *1.772*	7,0 *0.276*	32,0 *1.260*	70,0 *2.756*	146,8 *5.780*	1	1	G6.3	3,6 *7.940*
EM341640118120	02503377	BT50 ADB	G3	18,0 *0.709*	120,0 *4.724*	82,0 *3.228*	32,0 *1.260*	–	221,8 *8.732*	2	1	G6.3	4,0 *8.820*
EM34164012250	02503378	BT50 ADB	G4	22,0 *0.866*	50,0 *1.969*	12,0 *0.472*	40,0 *1.575*	70,0 *2.756*	151,8 *5.976*	1	1	G6.3	3,7 *8.160*
EM341640122140	02503379	BT50 ADB	G4	22,0 *0.866*	140,0 *5.512*	102,0 *4.016*	40,0 *1.575*	–	241,8 *9.520*	2	1	G6.3	4,4 *9.700*
EM34164012855	02503380	BT50 ADB	G5	28,0 *1.102*	55,0 *2.165*	17,0 *0.669*	50,0 *1.969*	98,0 *3.858*	156,8 *6.173*	1	1	PB	4,0 *8.820*
EM341640128100	02503381	BT50 ADB	G5	28,0 *1.102*	100,0 *3.937*	62,0 *2.441*	50,0 *1.969*	–	201,8 *7.945*	2	1	PB	4,3 *9.480*
EM341640128140	02503382	BT50 ADB	G5	28,0 *1.102*	140,0 *5.512*	102,0 *4.016*	50,0 *1.969*	–	241,8 *9.520*	2	1	PB	4,9 *10.800*
EM34164013663	02503383	BT50 ADB	G6	36,0 *1.417*	63,0 *2.480*	25,0 *0.984*	63,0 *2.480*	98,0 *3.858*	164,8 *6.488*	1	1	PB	4,3 *9.480*
EM341640136100	02503384	BT50 ADB	G6	36,0 *1.417*	100,0 *3.937*	62,0 *2.441*	63,0 *2.480*	–	201,8 *7.945*	2	1	PB	4,7 *10.360*
EM341640136140	02503385	BT50 ADB	G6	36,0 *1.417*	140,0 *5.512*	102,0 *4.016*	63,0 *2.480*	–	241,8 *9.520*	2	1	PB	5,6 *12.350*
EM34164014665	02503386	BT50 ADB	G7	46,0 *1.811*	65,0 *2.559*	27,0 *1.063*	90,0 *3.543*	98,0 *3.858*	166,8 *6.567*	1	1	PB	4,4 *9.700*
EM341640146120	02503387	BT50 ADB	G7	46,0 *1.811*	120,0 *4.724*	82,0 *3.228*	90,0 *3.543*	–	221,8 *8.732*	2	1	PB	6,9 *15.210*

Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
EM341640146200	02503388	BT50 ADB	G7	46,0 *1.811*	200,0 *7.874*	162,0 *6.378*	90,0 *3.543*	–	301,8 *11.882*	2	1	PB	10,7 *23.590*

Parti di ricambio, comprese nella fornitura

Per dimensione	Vite di assemblaggio	Sealing Screws
		
BT40/ G1	90F1	950A0406
BT40/ G2	90F2	950A0406
BT40/ G3	90F3	950A0406
BT40/ G4	90F4	950A0406
BT40/ G5	90F5	950A0406
BT40/ G6	90F6	950A0406
BT50/ G2	90F2	950A0606
BT50/ G3	90F3	950A0606
BT50/ G4	90F4	950A0606
BT50/ G5	90F5	950A0606
BT50/ G6	90F6	950A0606
BT50/ G7	90F7	950A0606

Accessori

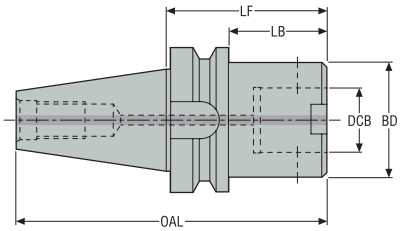
Per dimensione	Chiave di bloccaggio
	
BT40/ G1	03H02
BT40/ G2	03H025
BT40/ G3	03H03
BT40/ G4	03H04
BT40/ G5	03H05
BT40/ G6	03H06
BT50/ G2	03H025
BT50/ G3	03H03
BT50/ G4	03H04
BT50/ G5	03H05
BT50/ G6	03H06
BT50/ G7	03H10

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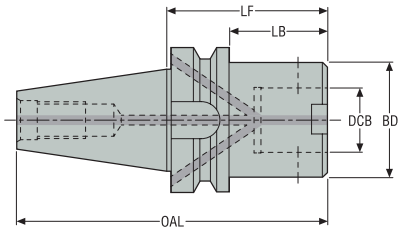
BT Cono-Flangia-AD/ADB



Disegno 1

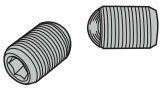


Disegno 2



Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
EM40024011850	02998757	BT30 TF AD	G3	18,0 *0.709*	50,0 *1.969*	28,0 *1.102*	32,0 *1.260*	98,4 *3.874*	1	0	G6.3	0,6 *1.320*
EM40024012250	02998758	BT30 TF AD	G4	22,0 *0.866*	50,0 *1.969*	28,0 *1.102*	40,0 *1.575*	98,4 *3.874*	1	0	G6.3	0,6 *1.320*
EM321440122100	02998754	BT40 TF ADB	G4	22,0 *0.866*	100,0 *3.937*	73,0 *2.874*	40,0 *1.575*	165,4 *6.512*	2	1	G6.3	1,6 *3.530*
EM321440128120	02926006	BT40 TF ADB	G5	28,0 *1.102*	120,0 *4.724*	93,0 *3.661*	50,0 *1.969*	185,4 *7.299*	2	1	PB	2,2 *4.850*
EM321440136120	02998755	BT40 TF ADB	G6	36,0 *1.417*	120,0 *4.724*	93,0 *3.661*	63,0 *2.480*	185,4 *7.299*	2	1	PB	2,8 *6.170*
EM321640128140	02998756	BT50 TF ADB	G5	28,0 *1.102*	140,0 *5.512*	102,0 *4.016*	50,0 *1.969*	241,8 *9.520*	2	1	PB	4,9 *10.800*
EM321640136140	02926009	BT50 TF ADB	G6	36,0 *1.417*	140,0 *5.512*	102,0 *4.016*	63,0 *2.480*	241,8 *9.520*	2	1	PB	5,6 *12.350*
EM321640146200	02926010	BT50 TF ADB	G7	46,0 *1.811*	200,0 *7.874*	162,0 *6.378*	90,0 *3.543*	301,8 *11.882*	2	1	PB	10,8 *23.810*

Parti di ricambio, comprese nella fornitura

Per	Sealing Screws	Vite di assemblaggio
		
EM321440122100	950A0406	90F4
EM321440128120	950A0406	90F5
EM321440136120	950A0406	90F6
EM321640128140	950A0606	90F5
EM321640136140	950A0606	90F6
EM321640146200	950A0606	90F7
EM40024011850	–	90F3
EM40024012250	–	90F4

Accessori

Chiave di bloccaggio

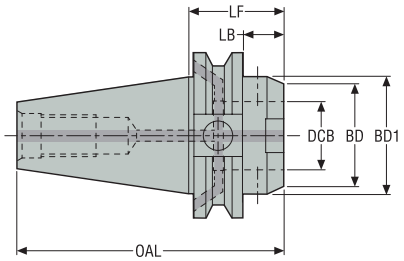
03H03
03H04
03H04
03H05
03H06
03H05
03H06
03H10

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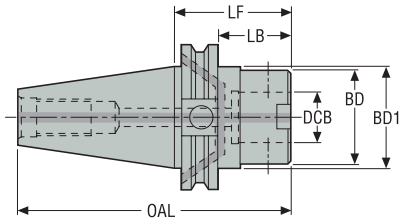
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Disegno 1

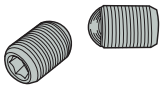


Disegno 2



Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	BD1	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*				lb
EM25024011435	02469734	CAT40 ADB	G2	0.551	1.380	0.630	0.984	1.750	4.070	1	1	G6.3	2.120
EM25024011835	00056660	CAT40 ADB	G3	0.709	1.380	0.630	1.260	1.750	4.070	1	1	G6.3	2.200
EM25024012235	00056661	CAT40 ADB	G4	0.866	1.380	0.630	1.575	1.750	4.070	1	1	G6.3	1.980
EM25024012840	00056663	CAT40 ADB	G5	1.102	1.570	0.820	1.969	1.750	4.270	2	1	PB	1.980
EM250240128100	00056662	CAT40 ADB	G5	1.102	3.940	3.190	1.969	1.750	7.420	2	1	PB	3.970
EM25024013660	00056665	CAT40 ADB	G6	1.417	2.360	1.610	2.480	1.750	5.060	2	1	PB	2.870
EM25044011835	00056666	CAT50 ADB	G3	0.709	1.380	0.630	1.260	2.750	5.380	1	1	G6.3	6.830
EM25044012235	00056667	CAT50 ADB	G4	0.866	1.380	0.630	1.575	2.750	5.380	1	1	G6.3	6.610
EM25044012840	00056669	CAT50 ADB	G5	1.102	1.570	0.820	1.969	2.750	5.580	2	1	PB	6.610
EM250440128100	00056668	CAT50 ADB	G5	1.102	3.940	3.190	1.969	2.750	7.940	2	1	PB	8.380
EM25044013645	00056671	CAT50 ADB	G6	1.417	1.770	1.020	2.480	2.750	5.780	1	1	PB	6.610
EM250440136120	00056670	CAT50 ADB	G6	1.417	4.720	3.970	2.480	2.750	9.520	1	1	PB	10.360
EM25044014665	00056675	CAT50 ADB	G7	1.811	2.560	1.810	3.543	2.750	5.970	2	1	PB	8.380
EM250440146120	00056673	CAT50 ADB	G7	1.811	4.720	3.970	3.543	2.750	8.730	2	1	PB	13.890
EM250440146200	00056674	CAT50 ADB	G7	1.811	7.870	7.120	3.543	2.750	11.880	2	1	PB	22.270

Parti di ricambio, comprese nella fornitura

Per dimensione	Sealing Screws	Vite di assemblaggio
		
CAT40/ G2	950A0406	90F2
CAT40/ G3	950A0406	90F3
CAT40/ G4	950A0406	90F4
CAT40/ G5	950A0406	90F5
CAT40/ G6	950A0406	90F6
CAT50/ G3	950A0606	90F3
CAT50/ G4	950A0606	90F4
CAT50/ G5	950A0606	90F5
CAT50/ G6	950A0606	90F6
CAT50/ G7	950A0606	90F7

Accessori

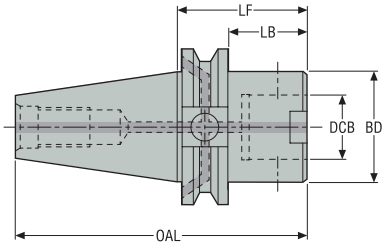
Chiave di bloccaggio

03H025
03H03
03H04
03H05
03H06
03H03
03H04
03H05
03H06
03H10

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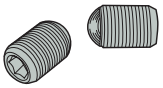
CAT TF / ASME B5.50-2009-ADB





Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	OAL	Disegno	Sede RFID	Equil-ibra-tura	Peso
				Inch	*Inch*	*Inch*	*Inch*	*Inch*				lb
EM26424011880	02998750	CAT40 TF ADB	G3	0.709	3.150	2.398	1.260	5.843	2	1	G6.3	2.650
EM26424012280	02998751	CAT40 TF ADB	G4	0.866	3.150	2.398	1.575	5.843	2	1	G6.3	3.090
EM264240128100	02998752	CAT40 TF ADB	G5	1.102	3.937	3.185	1.969	6.630	2	1	PB	4.190
EM264240136100	02998753	CAT40 TF ADB	G6	1.417	3.937	3.185	2.480	6.630	2	1	PB	5.290
EM264440122100	02964322	CAT50 TF ADB	G4	0.866	3.937	3.185	1.575	7.943	2	1	G6.3	7.280
EM264440128100	02964323	CAT50 TF ADB	G5	1.102	3.937	3.185	1.969	7.943	2	1	PB	7.940
EM264440136120	02926850	CAT50 TF ADB	G6	1.417	4.724	3.972	2.480	8.732	1	1	PB	10.140
EM264440146200	02926851	CAT50 TF ADB	G7	1.811	7.874	7.122	3.543	11.880	2	1	PB	22.710

Parti di ricambio, comprese nella fornitura

Per dimensione	Sealing Screws	Vite di assemblaggio
		
EM26424011880	950A0406	90F3
EM26424012280	950A0406	90F4
EM264240128100	950A0406	90F5
EM264240136100	950A0406	90F6
EM264440122100	950A0606	90F4
EM264440128100	950A0606	90F5
EM264440136120	950A0606	90F6
EM264440146200	950A0606	90F7

Accessori

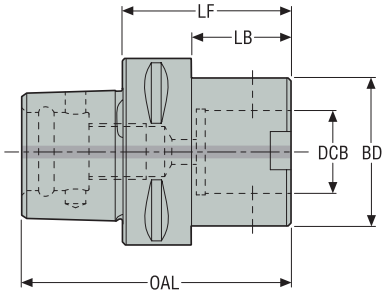
Chiave di bloccaggio

03H03
03H04
03H05
03H06
03H04
03H05
03H06
03H10

G 401 – Adattatori Graflex®

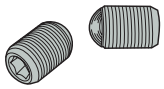
Seco-Capto™





Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LF	LB	BD	OAL	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
C3-391.0401-08025	02532939	C3	G0	8,0 *0.315*	25,0 *0.984*	7,0 *0.276*	16,0 *0.630*	44,0 *1.732*	0	G6.3	0,2 *0.440*
C3-391.0401-11025	02532940	C3	G1	11,0 *0.433*	25,0 *0.984*	7,0 *0.276*	20,0 *0.787*	44,0 *1.732*	0	G6.3	0,14 *0.310*
C3-391.0401-14025	02532941	C3	G2	14,0 *0.551*	25,0 *0.984*	7,0 *0.276*	25,0 *0.984*	44,0 *1.732*	0	G6.3	0,2 *0.440*
C3-391.0401-18030	02532942	C3	G3	18,0 *0.709*	30,0 *1.181*	0,0 –	32,0 *1.260*	49,0 *1.929*	0	G6.3	0,16 *0.350*
C4-391.0401-18035	02532943	C4	G3	18,0 *0.709*	35,0 *1.378*	12,0 *0.472*	32,0 *1.260*	59,0 *2.323*	0	G6.3	0,4 *0.880*
C4-391.0401-22035	02532944	C4	G4	22,0 *0.866*	35,0 *1.378*	0,0 –	40,0 *1.575*	59,0 *2.323*	0	G6.3	0,31 *0.680*
C5-391.0401-14030	02532945	C5	G2	14,0 *0.551*	30,0 *1.181*	7,0 *0.276*	25,0 *0.984*	60,0 *2.362*	1	G6.3	0,47 *1.040*
C5-391.0401-18035	02532947	C5	G3	18,0 *0.709*	35,0 *1.378*	12,0 *0.472*	32,0 *1.260*	65,0 *2.559*	1	G6.3	0,5 *1.100*
C5-391.0401-22035	02532948	C5	G4	22,0 *0.866*	35,0 *1.378*	12,0 *0.472*	40,0 *1.575*	65,0 *2.559*	1	G6.3	0,5 *1.100*
C5-391.0401-28045	02532949	C5	G5	28,0 *1.102*	45,0 *1.772*	22,0 *0.866*	50,0 *1.969*	75,0 *2.953*	1	PB	0,7 *1.540*
C6-391.0401-18035	02532950	C6	G3	18,0 *0.709*	35,0 *1.378*	10,0 *0.394*	32,0 *1.260*	73,0 *2.874*	1	G6.3	0,9 *1.980*
C6-391.0401-22040	02532951	C6	G4	22,0 *0.866*	40,0 *1.575*	15,0 *0.591*	40,0 *1.575*	78,0 *3.071*	1	G6.3	0,9 *1.980*
C6-391.0401-28050	02532952	C6	G5	28,0 *1.102*	50,0 *1.969*	25,0 *0.984*	50,0 *1.969*	88,0 *3.465*	1	PB	1,1 *2.430*
C6-391.0401-36055	02532953	C6	G6	36,0 *1.417*	55,0 *2.165*	0,0 –	63,0 *2.480*	93,0 *3.661*	1	PB	1,2 *2.650*
C8-391.0401-28050	02532954	C8	G5	28,0 *1.102*	50,0 *1.969*	17,0 *0.669*	50,0 *1.969*	98,0 *3.858*	1	PB	2,0 *4.410*
C8-391.0401-36055	02532955	C8	G6	36,0 *1.417*	55,0 *2.165*	22,0 *0.866*	63,0 *2.480*	103,0 *4.055*	1	PB	2,1 *4.630*
C8-391.0401-46065	02532956	C8	G7	46,0 *1.811*	65,0 *2.559*	35,0 *1.378*	90,0 *3.543*	113,0 *4.449*	1	PB	2,8 *6.170*

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio
	
G0	90F0
G1	90F1
G2	90F2
G3	90F3
G4	90F4
G5	90F5
G6	90F6
G7	90F7

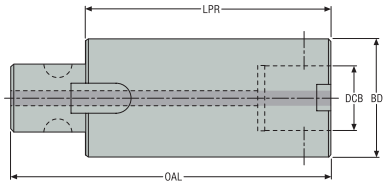
Accessori

Per dimensione	Chiave di bloccaggio
	
G0	03H02
G1	03H02
G2	03H025
G3	03H03
G4	03H04
G5	03H05
G6	03H06
G7	03H10

G 402 – Prolunghe Graflex®

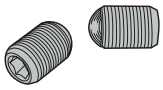
Graflex®





Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LPR	BD	OAL	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
M402000	00056752	G0	G0	8,0 *0.315*	30,0 *1.181*	16,0 *0.630*	42,0 *1.654*	0	PB	0,1 *0.220*
M402001	00056753	G0	G0	8,0 *0.315*	50,0 *1.969*	16,0 *0.630*	62,0 *2.441*	0	PB	0,1 *0.220*
M402110	00056754	G1	G1	11,0 *0.433*	30,0 *1.181*	20,0 *0.787*	43,0 *1.693*	0	PB	0,1 *0.220*
M402111	00056755	G1	G1	11,0 *0.433*	50,0 *1.969*	20,0 *0.787*	63,0 *2.480*	0	PB	0,2 *0.440*
M402220	00056756	G2	G2	14,0 *0.551*	30,0 *1.181*	25,0 *0.984*	46,0 *1.811*	0	PB	0,2 *0.440*
M402221	00056757	G2	G2	14,0 *0.551*	50,0 *1.969*	25,0 *0.984*	66,0 *2.598*	0	PB	0,2 *0.440*
M402330	00056758	G3	G3	18,0 *0.709*	40,0 *1.575*	32,0 *1.260*	60,0 *2.362*	0	PB	0,3 *0.660*
M402331	75056759	G3	G3	18,0 *0.709*	60,0 *2.362*	32,0 *1.260*	80,0 *3.150*	0	PB	0,4 *0.880*
M402440	00056760	G4	G4	22,0 *0.866*	40,0 *1.575*	40,0 *1.575*	64,0 *2.520*	0	PB	0,4 *0.880*
M402441	00056761	G4	G4	22,0 *0.866*	60,0 *2.362*	40,0 *1.575*	84,0 *3.307*	0	PB	0,6 *1.320*
M402444	02786252	G4	G4	22,0 *0.866*	200,0 *7.874*	40,0 *1.575*	224,0 *8.819*	0	PB	1,95 *4.300*
M402550	00056762	G5	G5	28,0 *1.102*	50,0 *1.969*	50,0 *1.969*	80,0 *3.150*	0	PB	0,8 *1.760*
M402551	00056763	G5	G5	28,0 *1.102*	75,0 *2.953*	50,0 *1.969*	105,0 *4.134*	0	PB	1,2 *2.650*
M402552	00056764	G5	G5	28,0 *1.102*	100,0 *3.937*	50,0 *1.969*	130,0 *5.118*	0	PB	1,5 *3.310*
M402554	02786254	G5	G5	28,0 *1.102*	250,0 *9.843*	50,0 *1.969*	280,0 *11.024*	0	PB	3,8 *8.380*
M402660	00056765	G6	G6	36,0 *1.417*	60,0 *2.362*	63,0 *2.480*	100,0 *3.937*	0	PB	1,4 *3.090*
M402661	00056766	G6	G6	36,0 *1.417*	90,0 *3.543*	63,0 *2.480*	130,0 *5.118*	0	PB	2,2 *4.850*
M402662	00056767	G6	G6	36,0 *1.417*	120,0 *4.724*	63,0 *2.480*	160,0 *6.299*	0	PB	2,9 *6.390*
M402664	02786255	G6	G6	36,0 *1.417*	300,0 *11.811*	63,0 *2.480*	340,0 *13.386*	0	PB	7,2 *15.870*
M402770	00056768	G7	G7	46,0 *1.811*	60,0 *2.362*	90,0 *3.543*	110,0 *4.331*	0	-	2,9 *6.390*
M402771	00056769	G7	G7	46,0 *1.811*	90,0 *3.543*	90,0 *3.543*	140,0 *5.512*	0	-	4,4 *9.700*
M402772	00056770	G7	G7	46,0 *1.811*	120,0 *4.724*	90,0 *3.543*	170,0 *6.693*	0	-	5,8 *12.790*
M402774	02786257	G7	G7	46,0 *1.811*	300,0 *11.811*	90,0 *3.543*	350,0 *13.780*	0	-	14,6 *32.190*

Parti di ricambio, comprese nella fornitura

Per dimensione	Tenone	Vite di assemblaggio
		
G0	90M0	90F0
G1	90M1	90F1
G2	90M2	90F2
G3	90M3	90F3
G4	90M4	90F4
G5	90M5	90F5
G6	90M6	90F6
G7	90M7	90F7

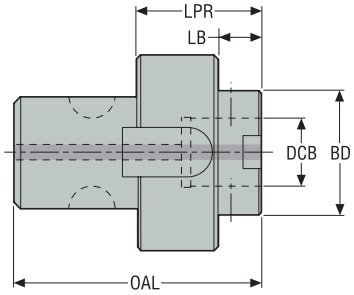
Accessori

Per dimensione	Chiave di bloccaggio
	
G0	03H02
G1	03H02
G2	03H025
G3	03H03
G4	03H04
G5	03H05
G6	03H06
G7	03H10

G 403 – Riduzioni Graflex®

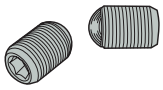
Graflex®





Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LPR	LB	BD	OAL	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
M40310	00056771	G1	G0	8,0 *0.315*	30,0 *1.181*	22,0 *0.866*	16,0 *0.630*	43,0 *1.693*	0	PB	0,1 *0.220*
M40320	00056772	G2	G0	8,0 *0.315*	30,0 *1.181*	19,0 *0.748*	16,0 *0.630*	46,0 *1.811*	0	PB	0,1 *0.220*
M40321	00056773	G2	G1	11,0 *0.433*	30,0 *1.181*	19,0 *0.748*	20,0 *0.787*	46,0 *1.811*	0	PB	0,1 *0.220*
M40330	00056774	G3	G0	8,0 *0.315*	30,0 *1.181*	16,0 *0.630*	16,0 *0.630*	50,0 *1.969*	0	PB	0,2 *0.440*
M40331	00056775	G3	G1	11,0 *0.433*	30,0 *1.181*	16,0 *0.630*	20,0 *0.787*	50,0 *1.969*	0	PB	0,15 *0.330*
M40332	00056776	G3	G2	14,0 *0.551*	30,0 *1.181*	16,0 *0.630*	25,0 *0.984*	50,0 *1.969*	0	PB	0,2 *0.440*
M40341	00056778	G4	G1	11,0 *0.433*	30,0 *1.181*	13,0 *0.512*	20,0 *0.787*	54,0 *2.126*	0	PB	0,25 *0.550*
M40342	00056779	G4	G2	14,0 *0.551*	30,0 *1.181*	13,0 *0.512*	25,0 *0.984*	54,0 *2.126*	0	PB	0,3 *0.660*
M40343	00056780	G4	G3	18,0 *0.709*	30,0 *1.181*	13,0 *0.512*	32,0 *1.260*	54,0 *2.126*	0	PB	0,3 *0.660*
M40350	00056781	G5	G0	8,0 *0.315*	40,0 *1.575*	20,0 *0.787*	16,0 *0.630*	70,0 *2.756*	0	PB	0,47 *1.040*
M40351	00056783	G5	G1	11,0 *0.433*	40,0 *1.575*	20,0 *0.787*	20,0 *0.787*	70,0 *2.756*	0	PB	0,5 *1.100*
M40352	00056785	G5	G2	14,0 *0.551*	40,0 *1.575*	20,0 *0.787*	25,0 *0.984*	70,0 *2.756*	0	PB	0,5 *1.100*
M40353	00056787	G5	G3	18,0 *0.709*	40,0 *1.575*	20,0 *0.787*	32,0 *1.260*	70,0 *2.756*	0	PB	0,6 *1.320*
M40354	00056789	G5	G4	22,0 *0.866*	40,0 *1.575*	20,0 *0.787*	40,0 *1.575*	70,0 *2.756*	0	PB	0,6 *1.320*
M40363	00056797	G6	G3	18,0 *0.709*	40,0 *1.575*	14,0 *0.551*	32,0 *1.260*	80,0 *3.150*	0	PB	1,0 *2.200*
M40364	00056799	G6	G4	22,0 *0.866*	40,0 *1.575*	14,0 *0.551*	40,0 *1.575*	80,0 *3.150*	0	PB	1,0 *2.200*
M40365	00056807	G6	G5	28,0 *1.102*	45,0 *1.772*	19,0 *0.748*	50,0 *1.969*	85,0 *3.346*	0	PB	1,1 *2.430*
M40375	00056811	G7	G5	28,0 *1.102*	50,0 *1.969*	24,0 *0.945*	50,0 *1.969*	100,0 *3.937*	0	-	2,1 *4.630*
M40376	00056812	G7	G6	36,0 *1.417*	55,0 *2.165*	29,0 *1.142*	63,0 *2.480*	105,0 *4.134*	0	-	2,3 *5.070*

Parti di ricambio, comprese nella fornitura

Per dimensione	Tenone	Vite di assemblaggio
		
M40310	90M1	90F0
M40320	90M2	90F0
M40321	90M2	90F1
M40330	90M3	90F0
M40331	90M3	90F1
M40332	90M3	90F2
M40341	90M4	90F1
M40342	90M4	90F2
M40343	90M4	90F3
M40350	90M5	90F0
M40351	90M5	90F1
M40352	90M5	90F2
M40353	90M5	90F3
M40354	90M5	90F4
M40363	90M6	90F3
M40364	90M6	90F4
M40365	90M6	90F5
M40375	90M7	90F5
M40376	90M7	90F6

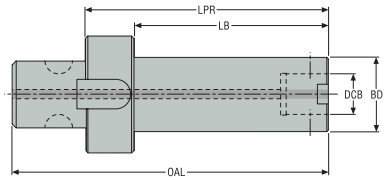
Accessori

Per dimensione	Chiave di bloccaggio
	
M40310	03H02
M40320	03H02
M40321	03H02
M40330	03H02
M40331	03H02
M40332	03H025
M40341	03H02
M40342	03H025
M40343	03H03
M40350	03H02
M40351	03H02
M40352	03H025
M40353	03H03
M40354	03H04
M40363	03H03
M40364	03H04
M40365	03H05
M40375	03H05
M40376	03H06

G 403 – Riduzioni lunghe Graflex®

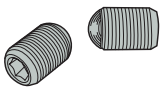
Graflex®





Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LPR	LB	BD	OAL	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
M40350070	00056782	G5	G0	8,0 *0.315*	70,0 *2.756*	50,0 *1.969*	16,0 *0.630*	100,0 *3.937*	0	PB	0,6 *1.320*
M40351080	00056784	G5	G1	11,0 *0.433*	80,0 *3.150*	60,0 *2.362*	20,0 *0.787*	110,0 *4.331*	0	PB	0,6 *1.320*
M40352100	00056786	G5	G2	14,0 *0.551*	100,0 *3.937*	80,0 *3.150*	25,0 *0.984*	130,0 *5.118*	0	PB	0,8 *1.760*
M40353120	00056788	G5	G3	18,0 *0.709*	120,0 *4.724*	100,0 *3.937*	32,0 *1.260*	150,0 *5.906*	0	PB	1,1 *2.430*
M40354150	00056790	G5	G4	22,0 *0.866*	150,0 *5.906*	130,0 *5.118*	40,0 *1.575*	180,0 *7.087*	0	PB	1,7 *3.750*
M40361090	00056794	G6	G1	11,0 *0.433*	90,0 *3.543*	64,0 *2.520*	20,0 *0.787*	130,0 *5.118*	0	PB	1,08 *2.380*
M40362110	00056796	G6	G2	14,0 *0.551*	110,0 *4.331*	84,0 *3.307*	25,0 *0.984*	150,0 *5.906*	0	PB	1,3 *2.870*
M40363120	00056798	G6	G3	18,0 *0.709*	120,0 *4.724*	94,0 *3.701*	32,0 *1.260*	160,0 *6.299*	0	PB	1,5 *3.310*
M40364150	00056800	G6	G4	22,0 *0.866*	150,0 *5.906*	124,0 *4.882*	40,0 *1.575*	190,0 *7.480*	0	PB	2,1 *4.630*
M40365190	00056808	G6	G5	28,0 *1.102*	190,0 *7.480*	164,0 *6.457*	50,0 *1.969*	230,0 *9.055*	0	PB	3,3 *7.280*

Parti di ricambio, comprese nella fornitura

Per dimensione	Tenone	Vite di assemblaggio
		
M40350070	90M5	90F0
M40351080	90M5	90F1
M40352100	90M5	90F2
M40353120	90M5	90F3
M40354150	90M5	90F4
M40361090	90M6	90F1
M40362110	90M6	90F2
M40363120	90M6	90F3
M40364150	90M6	90F4
M40365190	90M6	90F5

Accessori

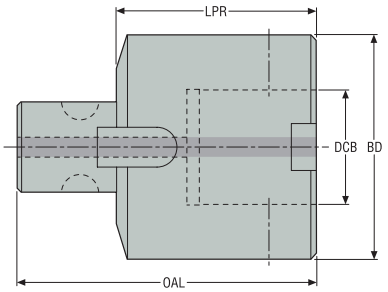
Chiave di bloccaggio

03H02
03H02
03H025
03H03
03H04
03H02
03H025
03H03
03H04
03H05

G 403 – Maggiorazioni Graflex®

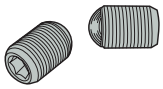
Graflex®





Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	LPR	BD	OAL	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
M40356	00056791	G5	G6	36,0 *1.417*	55,0 *2.165*	63,0 *2.480*	85,0 *3.346*	0	PB	1,1 *2.430*
M40367	00056810	G6	G7	46,0 *1.811*	80,0 *3.150*	90,0 *3.543*	120,0 *4.724*	0	PB	3,5 *7.720*

Parti di ricambio, comprese nella fornitura

Per	Tenone	Vite di assemblaggio
		
M40356	90M5	90F6
M40367	90M6	90F7

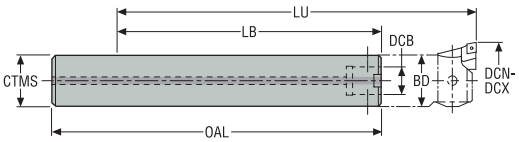
Accessori

Per	Chiave di bloccaggio
	
M40356	03H06
M40367	03H10

G 401 – Adattatori Graflex®, acciaio

Cilindrico

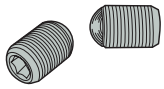




—Per lunghezza di barenatura di finitura fino a LU con testine di tipo A780 o A790
—Connessione lato macchina cilindrica CTMS con tolleranza h5, compatibile per calettamento termico

Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	DCN	DCX	OAL	BD	LU	LB	Sede RFID	Equil-ibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
M4011408	00086938	14	G0	8,0 *0.315*	15,0 *0.591*	18,5 *0.728*	120,0 *4.724*	14,0 *0.551*	110,0 *4.331*	75,0 *2.953*	0	G6.3	0,2 *0.440*
M4011608	00086935	16	G0	8,0 *0.315*	18,0 *0.709*	23,5 *0.925*	150,0 *5.906*	16,0 *0.630*	137,0 *5.394*	102,0 *4.016*	0	G6.3	0,3 *0.660*
M4012011	00086936	20	G1	11,0 *0.433*	23,0 *0.906*	31,0 *1.220*	150,0 *5.906*	20,0 *0.787*	140,0 *5.512*	100,0 *3.937*	0	G6.3	0,33 *0.730*
M4012514	00086937	25	G2	14,0 *0.551*	30,0 *1.181*	40,0 *1.575*	150,0 *5.906*	25,0 *0.984*	139,0 *5.472*	93,0 *3.661*	0	G6.3	0,6 *1.320*
M4013218	00086939	32	G3	18,0 *0.709*	39,0 *1.535*	51,0 *2.008*	150,0 *5.906*	32,0 *1.260*	155,0 *6.102*	90,0 *3.543*	0	G6.3	0,9 *1.980*

Parti di ricambio, comprese nella fornitura

Per	Vite di assemblaggio
	
M4011408	90F01
M4011608	90F0
M4012011	90F1
M4012514	90F2
M4013218	90F3

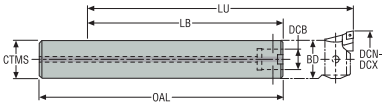
Accessori

Per	Chiave di bloccaggio
	
M4011408	03H025
M4011608	03H02
M4012011	03H02
M4012514	03H025
M4013218	03H03

G 401 – Adattatori Graflex®, acciaio

Cilindrico

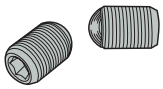




—Per lunghezza di barenatura di finitura fino a LU con testine di tipo A780 o A790
—Connessione lato macchina cilindrica CTMS con tolleranza h5, compatibile per calettamento termico

Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	DCN	DCX	OAL	BD	LU	LB	Sede RFID	Equil-ibra-tura	Peso
				Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*			lb
M40107511	00056741	0,750 in	G1	0.433	0.906	1.220	5.906	0.827	5.510	3.906	0	G6.3	0.660

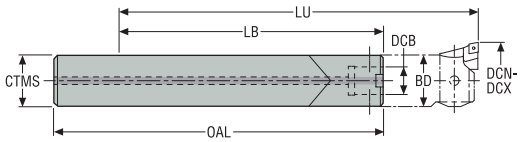
Parti di ricambio, comprese nella fornitura

Per dimensione	Chiave di bloccaggio	Vite di assemblaggio
		
M40107511	03H02	90F1

G 401 – Adattatori Graflex®, metallo duro

Cilindrico

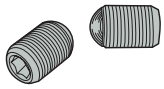




—Per lunghezza di barenatura di finitura fino a LU con testine di tipo A780 o A790
—CTMS tolleranza h5

Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	DCN	DCX	OAL	BD	LU	LB	Sede RFID	Equil-ibra-tura	Peso *Peso*
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
M4011408C	00073004	14	G0	8,0 *0.315*	15,0 *0.591*	18,5 *0.728*	152,0 *5.984*	14,0 *0.551*	140,0 *5.512*	105,0 *4.134*	0	G6.3	0,3 *0.660*
M4011608C	00056747	16	G0	8,0 *0.315*	18,0 *0.709*	23,5 *0.925*	175,0 *6.890*	16,0 *0.630*	160,0 *6.299*	125,0 *4.921*	0	G6.3	0,5 *1.100*
M4012011C	00056749	20	G1	11,0 *0.433*	23,0 *0.906*	31,0 *1.220*	212,0 *8.346*	20,0 *0.787*	200,0 *7.874*	160,0 *6.299*	0	G6.3	0,9 *1.980*
M4012514C	00056750	25	G2	14,0 *0.551*	30,0 *1.181*	40,0 *1.575*	262,0 *10.315*	25,0 *0.984*	250,0 *9.843*	204,0 *8.031*	0	G6.3	1,71 *3.770*
M4013218C	00056751	32	G3	18,0 *0.709*	39,0 *1.535*	51,0 *2.008*	317,0 *12.480*	32,0 *1.260*	320,0 *12.598*	255,0 *10.039*	0	G6.3	3,44 *7.580*

Parti di ricambio, comprese nella fornitura

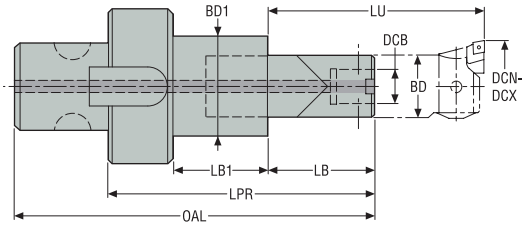
Per	Vite di assemblaggio
	
M4011408C	90F01
M4011608C	90F0
M4012011C	90F1
M4012514C	90F2
M4013218C	90F3

Accessori

Per	Chiave di bloccaggio
	
M4011408C	03H025
M4011608C	03H02
M4012011C	03H02
M4012514C	03H025
M4013218C	03H03

G 403 – Riduzioni extra lunghe, Graflex®, metallo duro

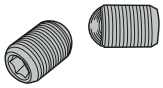




—La prolunga è realizzata in metallo duro
—Per lunghezza di barenatura di finitura fino a LU con testine di tipo A780 o A790

Codice di ordinazione	Codice prodotto	CTMS	CTWS	DCB	DCN	DCX	OAL	LPR	BD	BD1	LU	LB	LB1	Sede RFID	Equil-ibra-tura	Peso *Peso*
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
M40350C150	00057604	G5	G0	8,0 *0.315*	18,0 *0.709*	23,5 *0.925*	180,0 *7.087*	150,0 *5.906*	16,0 *0.630*	32,0 *1.260*	130,0 *5.118*	95,0 *3.740*	35,0 *1.378*	0	PB	1,0 *2.200*
M40351C180	00056943	G5	G1	11,0 *0.433*	23,0 *0.906*	31,0 *1.220*	210,0 *8.268*	180,0 *7.087*	20,0 *0.787*	36,0 *1.417*	160,0 *6.299*	120,0 *4.724*	40,0 *1.575*	0	PB	1,3 *2.870*
M40352C220	00057605	G5	G2	14,0 *0.551*	30,0 *1.181*	40,0 *1.575*	250,0 *9.843*	220,0 *8.661*	25,0 *0.984*	41,0 *1.614*	200,0 *7.874*	155,0 *6.102*	45,0 *1.772*	0	PB	2,01 *4.430*

Parti di ricambio, comprese nella fornitura

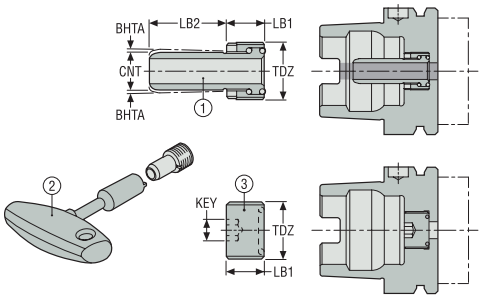
Per	Tenone	Vite di assemblaggio
		
M40350C150	90M5	90F0
M40351C180	90M5	90F1
M40352C220	90M5	90F2

Accessori

Per	Chiave di bloccaggio
	
M40350C150	03H02
M40351C180	03H02
M40352C220	03H025

Tubi del refrigerante, chiavi e grani di tenuta HSK





—Gli attacchi base da HSK-A a Seco-Capto sono forniti con uno specifico tubo del refrigerante, disponibile come ricambio, e necessitano di una specifica chiave per tubi del refrigerante, vedere pag. prodotto 652, 653-654

Descrizione	Codice di ordinazione	Codice prodotto	Per attacchi HSK forma A ed E	LB1	LB2	KEY	CNT	TDZ	BHTA°
				mm *Inch*	mm *Inch*	mm *Inch*	mm		
Tubi refrigerante (1)*	20E9301	00088814	HSK-A32 & HSK-E32	5,5 *0.217*	20,5 *0.807*	–	6	M10x1	1,0
	20E9302	00088815	HSK-A40 & HSK-E40	7,5 *0.295*	22,0 *0.866*	–	8	M12x1	1,0
	20E9303	00086740	HSK-A50 & HSK-E50	9,5 *0.374*	23,5 *0.925*	–	6	M16x1	1,0
	20E9304	00086741	HSK-A63 & HSK-E63	11,5 *0.453*	25,0 *0.984*	–	8	M18x1	1,0
	20E9306	00086742	HSK-A100 & HSK-E100	15,5 *0.610*	28,5 *1.122*	–	6	M24x1,5	1,0
	20E9307	00088816	HSK-A125	17,5 *0.689*	30,5 *1.201*	–	18	M30x1.5	1,0
Chiavi per tubi refrigerante (2)	03E9301	00088811	HSK-A32 & HSK-E32	–	–	–	–	–	–
	03E9302	00088812	HSK-A40 & HSK-E40	–	–	–	–	–	–
	03E9303	00069969	HSK-A50 & HSK-E50	–	–	–	–	–	–
	03E9304	00069970	HSK-A63 & HSK-E63	–	–	–	–	–	–
	03E9305	00032296	HSK-A80 & HSK-E80	–	–	–	–	–	–
	03E9306	00084012	HSK-A100 & HSK-E100	–	–	–	–	–	–
	5680094-07	03248614	HSK-A125	–	–	–	–	–	–
Grani di tenuta (3)	02E9301	00031588	HSK-A32 & HSK-E32	5,0 *0.197*	–	3,0 *0.118*	–	M10x1	–
	02E9302	00031593	HSK-A40 & HSK-E40	7,0 *0.276*	–	4,0 *0.157*	–	M12x1	–
	02E9303	00001002	HSK-A50 & HSK-E50	9,0 *0.354*	–	5,0 *0.197*	–	M16x1	–
	02E9304	00010101	HSK-A63 & HSK-E63	11,0 *0.433*	–	6,0 *0.236*	–	M18x1	–
	02E9306	00014002	HSK-A100 & HSK-E100	15,0 *0.591*	–	10,0 *0.394*	–	M24x1,5	–
	02E9307	00033649	HSK-A125	17,0 *0.669*	–	12,0 *0.472*	–	M30x1.5	–

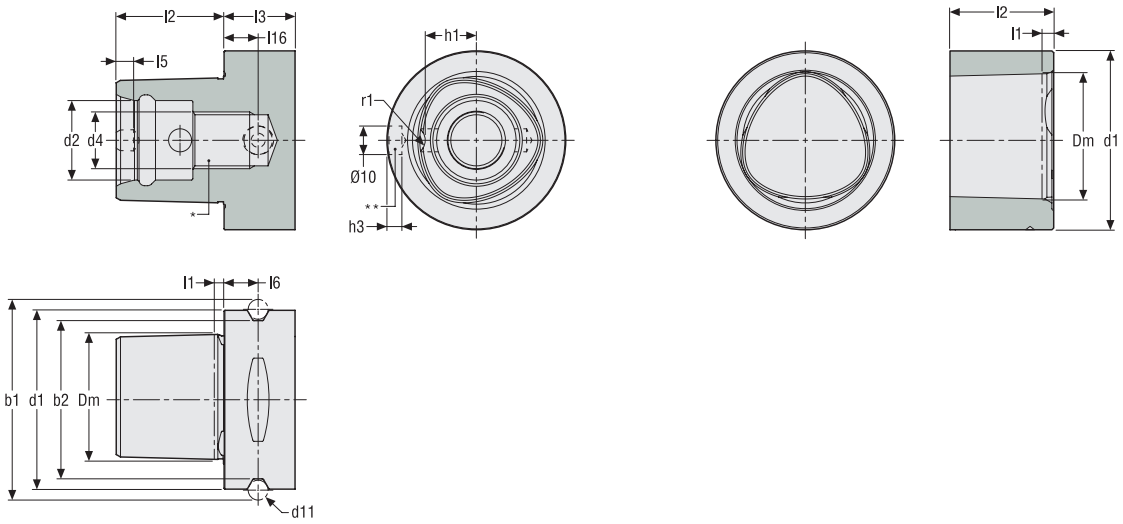


Seco-Capto™

Seco-Capto™ è un eccellente sistema di utensili modulare a cambio rapido che consente di configurare e sostituire velocemente i corpi utensile. La gamma di utensili modulari Seco-Capto™ utilizza l'accoppiamento PSC (Polygonal Shank Coupling, accoppiamento conico poligonale), in accordo alla norma ISO 26623, ed è dotata di un accoppiamento conico auto-bloccante.

- Gamma di portautensili, ad esempio per calettamento termico, porta pinza e a manicotto
- Attacchi base Seco-Capto™ con connessioni HSK, DIN, BT
- Moduli Seco-Capto™ per una maggiore affidabilità e migliore bloccaggio dell'inserto

Seco-Capto™, Dimensioni secondo normativa
ISO 26623-1-PSC/ ISO 26623-2-PSC



Tipologia lato macchina	Sede per micro-chip**	d_1	d_2	d_4	d_{11}	Dm	b_1	b_2	l_1	l_2	$l_{3\ min}$	l_5	l_6	l_{16}	h_1	h_3	r_1
		mm *Inch*	mm *Inch*		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
C3	No**	32 *1.260*	15 *0.591*	M12	5 *0.197*	22 *0.866*	39 *1.535*	28,3 *1.114*	2,5 *0.098*	19 *0.748*	15 *0.591*	3,2 *0.126*	6 *0.236*	9 *0.354*	9 *0.354*	5,4 *0.213*	3 *0.118*
C4	No**	40 *1.575*	18 *0.709*	M14	5 *0.197*	28 *1.102*	46 *1.811*	35,3 *1.390*	2,5 *0.098*	24 *0.945*	20 *0.787*	4 *0.157*	8 *0.315*	12 *0.472*	11 *0.433*	5,2 *0.205*	3 *0.118*
C5	**	50 *1.969*	21 *0.827*	M16	7 *0.276*	35 *1.378*	59,3 *2.335*	44,4 *1.748*	3 *0.118*	30 *1.181*	20 *0.787*	5,3 *0.209*	10 *0.394*	12 *0.472*	14 *0.551*	5,1 *0.201*	4 *0.157*
C6	**	63 *2.480*	28 *1.102*	M20	7 *0.276*	44 *1.732*	70,7 *2.783*	55,8 *2.197*	3 *0.118*	38 *1.496*	22 *0.866*	6,2 *0.244*	12 *0.472*	12 *0.472*	18 *0.709*	5 *0.197*	5 *0.197*
C8	**	80 *3.150*	32 *1.260*	M20	7 *0.276*	55 *2.165*	86 *3.386*	71,1 *2.799*	3 *0.118*	48 *1.890*	30 *1.181*	8 *0.315*	12 *0.472*	12 *0.472*	22,2 *0.874*	4,9 *0.193*	6 *0.236*

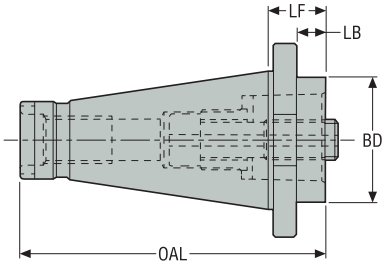
Lato lato macchina	Sede per microchip**	$d_{1\ min}$	d_3	Dm	l_1	l_2	l_3	l_4
		mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*
C3	No	32 *1.260*	2 *0.079*	22 *0.866*	2,3 *0.091*	18,4 *0.724*	16,5 *0.650*	9,4 *0.370*
C4	No	40 *1.575*	2,5 *0.098*	28 *1.102*	2,3 *0.091*	23,4 *0.921*	21 *0.827*	11,5 *0.453*
C5	No	50 *1.969*	3 *0.118*	35 *1.378*	2,8 *0.110*	29,4 *1.157*	26 *1.024*	14,5 *0.571*
C6	**	63 *2.480*	4 *0.157*	44 *1.732*	2,8 *0.110*	37,4 *1.472*	33,5 *1.319*	18,5 *0.728*
C8	**	80 *3.150*	5 *0.197*	55 *2.165*	2,8 *0.110*	47,4 *1.866*	43 *1.693*	22,8 *0.898*

Nota: Queste norme dimensionali lato macchina e lato utensile sono applicate a tutti gli attacchi mostrati nelle pagine di prodotto.
* Le prolunghe Seco-Capto™ versione corta possono essere montate solo direttamente su mandrini o torrette Capto con bloccaggio ad espansione radiale (non con vite centrale). Le riduzioniSeco-Capto™ versione corta possono essere montate solo direttamente su mandrini o torrette Capto con bloccaggio ad espansione radiale (non con vite centrale).
** Per sapere se è presente una sede per il microchip RFID, vedere la colonna “Sede RFID“ sulle pagine prodotto: 1= sede per microchip RFID presente, su richiesta un microchip può essere inserito,
chiedere informazioni.
0= sede per microchip RFID non presente, su richiesta la sede può essere realizzata ed un microchip può essere inserito, chiedere informazioni.

C 00 – Attacchi da DIN 2080 a Seco-Capto™ – ISO 26623-2

DIN 2080

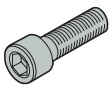




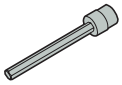
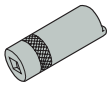
Accessori:
3 = Chiave di prolunga
4 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF mm Inch	LB mm Inch	BD mm Inch	OAL mm Inch	Sede RFID	Equilibratura	Peso kg lb
C3-390.00-40030	75039844	DIN(2080)40	C3	30,0 1.181	18,4 0.724	32,0 1.260	123,4 4.858	0	–	0,9 1.980
C4-390.00-40030	75039848	DIN(2080)40	C4	30,0 1.181	18,4 0.724	40,0 1.575	123,4 4.858	0	–	1,0 2.200
C4-390.00-40060	75039849	DIN(2080)40	C4	60,0 2.362	48,4 1.906	40,0 1.575	153,4 6.039	0	–	1,08 2.380
C5-390.00-40030	75039852	DIN(2080)40	C5	30,0 1.181	18,4 0.724	50,0 1.969	123,4 4.858	0	–	0,81 1.790
C6-390.00-40075	00048158	DIN(2080)40	C6	75,0 2.953	0,0 –	63,0 2.480	168,4 6.630	0	–	1,82 4.010
C3-390.00-50030	75039846	DIN(2080)50	C3	30,0 1.181	14,8 0.583	32,0 1.260	156,8 6.173	0	–	2,5 5.510
C3-390.00-50060	75039847	DIN(2080)50	C3	60,0 2.362	44,8 1.764	32,0 1.260	186,8 7.354	0	–	2,5 5.510
C4-390.00-50030	75039850	DIN(2080)50	C4	30,0 1.181	14,8 0.583	40,0 1.575	156,8 6.173	0	–	2,5 5.510
C4-390.00-50060	75039851	DIN(2080)50	C4	60,0 2.362	44,8 1.764	40,0 1.575	186,8 7.354	0	–	2,5 5.510
C5-390.00-50030	75039854	DIN(2080)50	C5	30,0 1.181	14,8 0.583	50,0 1.969	156,8 6.173	0	–	2,62 5.780
C5-390.00-50070	75039855	DIN(2080)50	C5	70,0 2.756	54,8 2.157	50,0 1.969	196,8 7.748	0	–	3,29 7.250
C6-390.00-50030	75039856	DIN(2080)50	C6	30,0 1.181	14,8 0.583	63,0 2.480	156,8 6.173	0	–	2,56 5.640
C6-390.00-50080	75039857	DIN(2080)50	C6	80,0 3.150	64,8 2.551	63,0 2.480	206,8 8.142	0	–	3,27 7.210
C8-390.00-50070	75039858	DIN(2080)50	C8	70,0 2.756	54,8 2.157	80,0 3.150	196,8 7.748	0	–	3,8 8.380
C8-390.00-50120	75039859	DIN(2080)50	C8	120,0 4.724	104,8 4.126	80,0 3.150	246,8 9.717	0	–	5,6 12.350

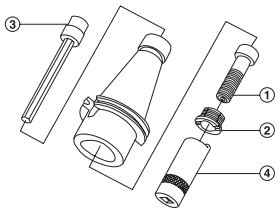
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Ghiera di bloccaggio
		
C3	5512063-10	5512091-04
C4	5512063-07	5512091-03
C5	5512063-08	5512091-01
C6-400	5512063-13	5512091-02
C6-500	5512063-09	5512091-02
C8	5512063-09	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
C3	5680015-05	5680065-13
C4	5680015-05	5680065-10
C5	5680015-01	5680065-11
C6-400	5680015-01	5680065-12
C6-500	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessori / Parti di ricambio



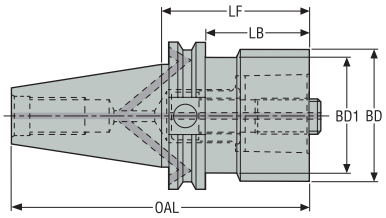
Accessori:
3 = Chiave di prolunga
4 = Chiave

Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio

C 55/58 – Attacchi da CAT a Seco-Capto™

CAT / ASME B5.50-2009-ADB

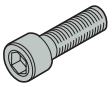




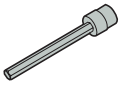
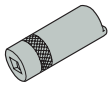
Accessori:
4 = Chiave di prolunga
5 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	BD	OAL	Disegno	Sede RFID	Equilibratura	Peso
				Inch	*Inch*	*Inch*	*Inch*				lb
C3-A390B.45-40060	02925929	CAT40 ADB	C3	2.362	1.610	1.260	5.055	2	0	PB	2.200
C4-A390B.45-40030	02925932	CAT40 ADB	C4	1.181	0.429	1.575	3.874	2	0	PB	1.980
C4-A390B.45-40060	02925933	CAT40 ADB	C4	2.362	1.610	1.575	5.055	2	0	PB	2.430
C5-A390B.45-40040	02925935	CAT40 ADB	C5	1.575	0.823	1.969	4.268	2	0	PB	2.200
C5-A390B.45-40080	02925936	CAT40 ADB	C5	3.150	2.398	1.969	5.843	2	0	PB	3.310
C6-A390B.45-40085	02925939	CAT40 ADB	C6	3.346	1.378	2.480	6.039	2	0	PB	4.190
C3-A390B.45-50030	02925930	CAT50 ADB	C3	1.181	0.429	1.260	5.185	2	0	PB	6.390
C3-A390B.45-50060	02925931	CAT50 ADB	C3	2.362	1.610	1.260	6.366	2	0	PB	5.970
C4-A390B.45-50030	02925948	CAT50 ADB	C4	1.181	0.429	1.575	5.185	2	0	PB	5.780
C4-A390B.45-50060	02925934	CAT50 ADB	C4	2.362	1.610	1.969	6.366	2	0	PB	6.610
C5-A390B.45-50030	02925937	CAT50 ADB	C5	1.181	0.429	1.969	5.185	2	0	PB	5.510
C5-A390B.45-50070	02925938	CAT50 ADB	C5	2.756	2.004	1.969	6.760	2	0	PB	6.610
C6-A390B.45-50030	02925940	CAT50 ADB	C6	1.181	0.429	2.480	5.185	2	0	PB	5.510
C6-A390B.45-50080	02925941	CAT50 ADB	C6	3.150	2.398	2.480	7.154	2	0	PB	7.940
C8-A390B.45-50070	02925942	CAT50 ADB	C8	2.756	2.004	3.150	6.760	2	0	PB	7.940
C8-A390B.45-50120	02925943	CAT50 ADB	C8	4.724	3.972	3.150	8.728	2	0	PB	12.350

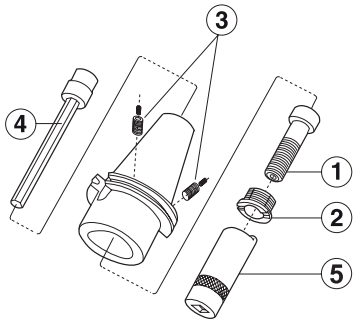
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Grano	Ghiera di bloccaggio	Grani di tenuta
		 1x		 1x
CAT40/ C3	5512063-10	564301701	5512091-04	–
CAT40/ C4	5512063-07	564301701	5512091-03	–
CAT40/ C5	5512063-08	564301701	5512091-01	–
CAT40/ C6	5512063-13	564301701	5512091-02	–
CAT50/ C3	5512063-10	564301702	5512091-04	–
CAT50/ C4-50030	5512063-07	564301701	5512091-03	564301702
CAT50/ C4-50060	5512063-07	564301702	5512091-03	–
CAT50/ C5	5512063-08	564301702	5512091-01	–
CAT50/ C6	5512063-09	564301702	5512091-02	–
CAT50/ C8	5512063-09	564301702	5512091-02	–

Accessori

Per	Chiave di estensione	Chiave
		
CAT40/ C3	5680015-05	5680065-13
CAT40/ C4	5680015-05	5680065-10
CAT40/ C5	5680015-01	5680065-11
CAT40/ C6	5680015-01	5680065-12
CAT50/ C3	5680015-05	5680065-13
CAT50/ C4-50030	5680015-05	5680065-10
CAT50/ C4-50060	5680015-05	5680065-10
CAT50/ C5	5680015-01	5680065-11
CAT50/ C6	5680015-02	5680065-12
CAT50/ C8	5680015-02	5680065-12

Accessori / Parti di ricambio



Accessori:
4 = Chiave di prolunga
5 = Chiave

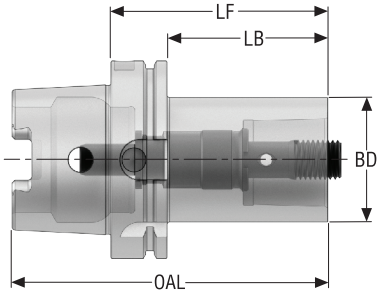
Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio
3 = Grani (spine)

C 410 – Attacchi da HSK-A a Seco-Capto™ – ISO 26623-2

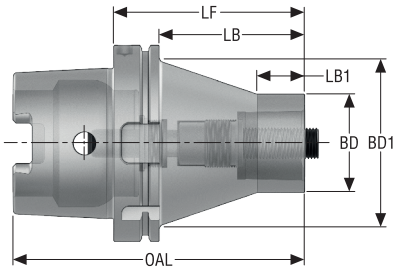
HSK-A/ ISO12164-1-HSK-A



Disegno 1



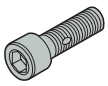
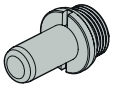
Disegno 2



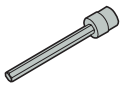
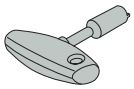
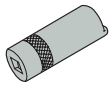
Accessori:
2 = Chiave di prolunga
4 = Chiave
6 = Chiave per il tubo del refrigerante

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF mm Inch	LB mm Inch	LB1 mm Inch	BD mm Inch	BD1 mm Inch	OAL mm Inch	Disegno	Sede RFID	Equilibratura	Peso kg lb
HA10-C3-032-080	10197961	HSK-A100	C3	80,0 3.150	51,0 2.008	–	32,0 1.260	–	130,0 5.118	1	1	PB	2,5 5.510
HA06-C3-032-075	10197962	HSK-A63	C3	75,0 2.953	49,0 1.929	–	32,0 1.260	–	107,0 4.213	1	1	PB	0,9 1.980
HA10-C4-040-090	10197963	HSK-A100	C4	90,0 3.543	61,0 2.402	–	40,0 1.575	–	140,0 5.512	1	1	PB	2,5 5.510
HA06-C4-040-080	10197964	HSK-A63	C4	80,0 3.150	54,0 2.126	–	40,0 1.575	–	112,0 4.409	1	1	PB	1,1 2.430
HA10-C5-050-100	10197965	HSK-A100	C5	100,0 3.937	71,0 2.795	–	50,0 1.969	–	150,0 5.906	1	1	PB	2,9 6.390
HA06-C5-050-090	10197966	HSK-A63	C5	90,0 3.543	64,0 2.520	–	50,0 1.969	–	122,0 4.803	1	1	PB	1,3 2.870
HA10-C6-063-110	10197967	HSK-A100	C6	110,0 4.331	81,0 3.189	–	63,0 2.480	–	160,0 6.299	1	1	PB	3,6 7.940
HA10-C8-080-120	10197968	HSK-A100	C8	120,0 4.724	91,0 3.583	–	80,0 3.150	–	170,0 6.693	1	1	PB	4,8 10.580
HSKA125-C6-120	03229625	HSK-A125	C6	120,0 4.724	91,0 3.583	–	63,0 2.480	–	183,0 7.205	1	1	PB	5,2 11.460
HSKA125-C6-120-V	03229626	HSK-A125	C6	120,0 4.724	91,0 3.583	30,0 1.181	63,0 2.480	108,0 4.252	183,0 7.205	2	1	PB	6,4 14.110
HSKA125-C8-130	03229627	HSK-A125	C8	130,0 5.118	101,0 3.976	–	80,0 3.150	–	193,0 7.598	1	1	PB	6,5 14.330
HSKA125-C8-130-V	03229628	HSK-A125	C8	130,0 5.118	101,0 3.976	30,0 1.181	80,0 3.150	105,0 4.134	193,0 7.598	2	1	PB	7,8 17.200

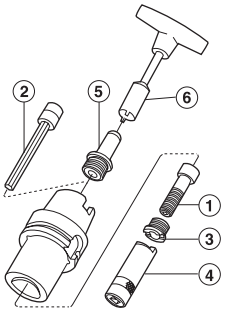
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Connettore refrigerante	Ghiera di bloccaggio
			
HA06-C3-032-075	5512067-01	5692020-04	5512091-04
HA06-C4-040-080	5512067-02	5692020-04	5512091-03
HA06-C5-050-090	5512067-03	5692020-04	5512091-01
HA10-C3-032-080	5512067-01	5692020-06	5512091-04
HA10-C4-040-090	5512067-02	5692020-06	5512091-03
HA10-C5-050-100	5512067-03	5692020-06	5512091-01
HA10-C6-063-110	5512067-04	5692020-06	5512091-02
HA10-C8-080-120	5512067-04	5692020-06	5512091-02
HSKA125-C6-120	5512063-09	5692020-07	5512091-02
HSKA125-C6-120-V	5512063-09	5692020-07	5512091-02
HSKA125-C8-130	5512063-09	5692020-07	5512091-02
HSKA125-C8-130-V	5512063-09	5692020-07	5512091-02

Accessori

Per	Chiave di estensione	Chiave	Chiave
			
HA06-C3-032-075	5680015-05	5680094-04	5680065-13
HA06-C4-040-080	5680015-05	5680094-04	5680065-10
HA06-C5-050-090	5680015-01	5680094-04	5680065-11
HA10-C3-032-080	5680015-05	5680094-06	5680065-13
HA10-C4-040-090	5680015-05	5680094-06	5680065-10
HA10-C5-050-100	5680015-01	5680094-06	5680065-11
HA10-C6-063-110	5680015-02	5680094-06	5680065-12
HA10-C8-080-120	5680015-02	5680094-06	5680065-12
HSKA125-C6-120	5680015-02	5680094-07	5680065-12
HSKA125-C6-120-V	5680015-02	5680094-07	5680065-12
HSKA125-C8-130	5680015-02	5680094-07	5680065-12
HSKA125-C8-130-V	5680015-02	5680094-07	5680065-12

Accessori / Parti di ricambio



Accessori:
2 = Chiave di prolunga
4 = Chiave
6 = Chiave per il tubo del refrigerante

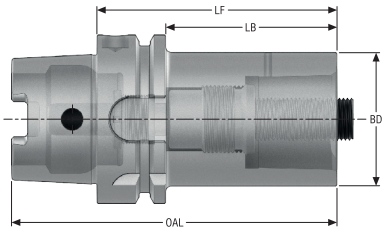
Ricambi:
1 = Vite centrale
3 = Ghiera di fissaggio
5 = Tubo del refrigerante*

*Uno specifico tubo del refrigerante è fornito con ciascun attacco base HSK-A Seco-Capto™

C 411 – Attacchi da HSK-T a Seco-Capto™ – ISO 26623-2

HSK-T/ ISO12164-3-HSK-T

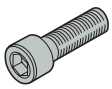
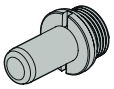




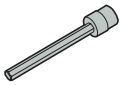
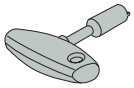
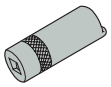
Accessori:
2 = Chiave di prolunga
4 = Chiave
6 = Chiave per il tubo del refrigerante

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	BD	OAL	Sede RFID	Equilibratura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
C4-390.411-63080	02786511	HSK-T63	C4	80,0 *3.150*	54,0 *2.126*	40,0 *1.575*	112,0 *4.409*	1	–	1,1 *2.430*
C5-390.411-63090	02786520	HSK-T63	C5	90,0 *3.543*	64,0 *2.520*	50,0 *1.969*	122,0 *4.803*	1	–	1,5 *3.310*
C4-390.411-100090	02786519	HSK-T100	C4	90,0 *3.543*	61,0 *2.402*	40,0 *1.575*	140,0 *5.512*	1	–	2,6 *5.730*
C5-390.411-100100	02786521	HSK-T100	C5	100,0 *3.937*	71,0 *2.795*	50,0 *1.969*	150,0 *5.906*	1	–	3,0 *6.610*
C6-390.411-100110	02786522	HSK-T100	C6	110,0 *4.331*	81,0 *3.189*	63,0 *2.480*	160,0 *6.299*	1	–	3,6 *7.940*
C8-390.411-100120	02786523	HSK-T100	C8	120,0 *4.724*	91,0 *3.583*	80,0 *3.150*	170,0 *6.693*	1	–	4,8 *10.580*

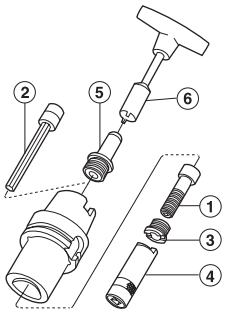
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Connettore refrigerante	Ghiera di bloccaggio
			
C4-390.411-100090	5512063-07	20E9306	5512091-03
C4-390.411-63080	5512063-07	5692020-04	5512091-03
C5-390.411-100100	5512063-08	20E9306	5512091-01
C5-390.411-63090	5512063-08	5692020-04	5512091-01
C6-390.411-100110	5512063-09	5692020-06	5512091-02
C8-390.411-100120	5512063-09	5692020-06	5512091-02

Accessori

Per	Chiave di estensione	Chiave	Chiave
			
C4-390.411-100090	5680015-05	5680094-06	5680065-10
C4-390.411-63080	5680015-05	5680094-04	5680065-10
C5-390.411-100100	5680015-01	5680094-06	5680065-11
C5-390.411-63090	5680015-01	5680094-04	5680065-11
C6-390.411-100110	5680015-02	5680094-06	5680065-12
C8-390.411-100120	5680015-02	5680094-06	5680065-12

Accessori / Parti di ricambio



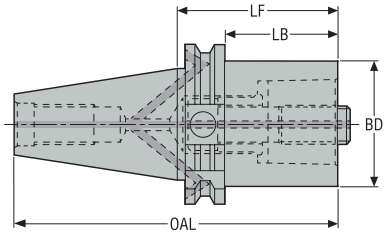
Accessori:
2 = Chiave di prolunga
4 = Chiave
6 = Chiave per il tubo del refrigerante

Ricambi:
1 = Vite centrale
3 = Ghiera di fissaggio
5 = Tubo del refrigerante*

*Uno specifico tubo del refrigerante è fornito con ciascun attacco base HSK-A Seco-Capto™

C 140 – Attacchi da DIN a Seco-Capto™ – ISO 26623-2
DIN 69871-ADB

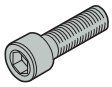




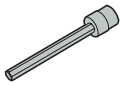
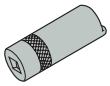
Accessori:
4 = Chiave di prolunga
5 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	BD	OAL	Sede RFID	Equilibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
C3-390B.140-40030	02924104	DIN40 ADB	C3	30,0 *1.181*	10,9 *0.429*	32,0 *1.260*	98,4 *3.874*	0	PB	0,8 *1.760*
C3-390B.140-40060	02924105	DIN40 ADB	C3	60,0 *2.362*	40,9 *1.610*	32,0 *1.260*	128,4 *5.055*	0	PB	0,9 *1.980*
C4-390B.140-40030	02924108	DIN40 ADB	C4	30,0 *1.181*	10,9 *0.429*	40,0 *1.575*	98,4 *3.874*	0	PB	0,8 *1.760*
C4-390B.140-40060	02924109	DIN40 ADB	C4	60,0 *2.362*	40,9 *1.610*	40,0 *1.575*	128,4 *5.055*	0	PB	1,1 *2.430*
C5-390B.140-40040	02924112	DIN40 ADB	C5	40,0 *1.575*	20,9 *0.823*	50,0 *1.969*	108,4 *4.268*	0	PB	0,9 *1.980*
C5-390B.140-40080	02924113	DIN40 ADB	C5	80,0 *3.150*	60,9 *2.398*	50,0 *1.969*	148,4 *5.843*	0	PB	1,5 *3.310*
C6-390B.140-40085	02924116	DIN40 ADB	C6	85,0 *3.346*	65,9 *2.594*	63,0 *2.480*	153,4 *6.039*	0	PB	1,8 *3.970*
C3-390B.140-50030	02924106	DIN50 ADB	C3	30,0 *1.181*	10,9 *0.429*	32,0 *1.260*	131,7 *5.185*	0	PB	2,6 *5.730*
C3-390B.140-50060	02924107	DIN50 ADB	C3	60,0 *2.362*	40,9 *1.610*	32,0 *1.260*	161,7 *6.366*	0	PB	2,7 *5.950*
C4-390B.140-50030	02924110	DIN50 ADB	C4	30,0 *1.181*	10,9 *0.429*	40,0 *1.575*	131,7 *5.185*	0	PB	2,6 *5.730*
C4-390B.140-50060	02924111	DIN50 ADB	C4	60,0 *2.362*	40,9 *1.610*	40,0 *1.575*	161,7 *6.366*	0	PB	2,8 *6.170*
C5-390B.140-50030	02924114	DIN50 ADB	C5	30,0 *1.181*	10,9 *0.429*	50,0 *1.969*	131,7 *5.185*	0	PB	2,6 *5.730*
C5-390B.140-50070	02924115	DIN50 ADB	C5	70,0 *2.756*	50,9 *2.004*	50,0 *1.969*	171,7 *6.760*	0	PB	3,1 *6.830*
C6-390B.140-50030	02924117	DIN50 ADB	C6	30,0 *1.181*	10,9 *0.429*	63,0 *2.480*	131,7 *5.185*	0	PB	2,4 *5.290*
C6-390B.140-50080	02924118	DIN50 ADB	C6	80,0 *3.150*	60,9 *2.398*	63,0 *2.480*	181,7 *7.154*	0	PB	3,6 *7.940*
C8-390B.140-50070	02924119	DIN50 ADB	C8	70,0 *2.756*	50,9 *2.004*	80,0 *3.150*	171,7 *6.760*	0	PB	3,7 *8.160*
C8-390B.140-50120	02924120	DIN50 ADB	C8	120,0 *4.724*	100,9 *3.972*	80,0 *3.150*	221,7 *8.728*	0	PB	5,5 *12.130*

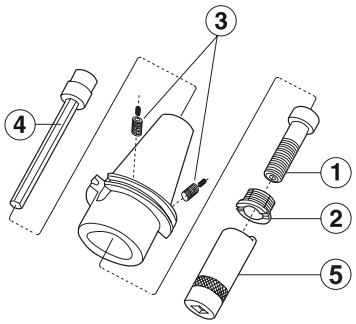
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Grano	Ghiera di bloccaggio
		 1x	
C3-400	5512063-10	564301701	5512091-04
C3-500	5512063-10	564301702	5512091-04
C4-400	5512063-07	564301701	5512091-03
C4-500	5512063-07	564301702	5512091-03
C5-400	5512063-08	564301701	5512091-01
C5-500	5512063-08	564301702	5512091-01
C6-400	5512063-13	564301701	5512091-02
C6-500	5512063-09	564301702	5512091-02
C8	5512063-09	564301702	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
C3-400	5680015-05	5680065-13
C3-500	5680015-05	5680065-13
C4-400	5680015-05	5680065-10
C4-500	5680015-05	5680065-10
C5-400	5680015-01	5680065-11
C5-500	5680015-01	5680065-11
C6-400	5680015-01	5680065-12
C6-500	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessori / Parti di ricambio



Accessori:
4 = Chiave di prolunga
5 = Chiave

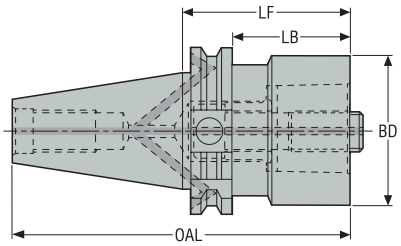
Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio
3 = Grani (spine)

C 5191 – Seco-Capto™, attacchi base – ISO 26623-2

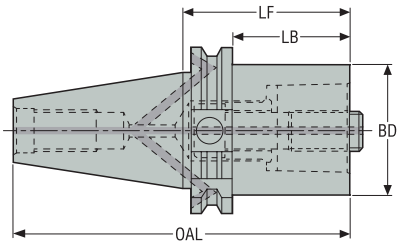
DIN Cono-Flangia-ADB



Disegno 1



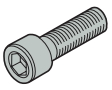
Disegno 2



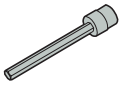
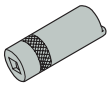
Accessori:
4 = Chiave di prolunga
5 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF mm *Inch*	LB mm *Inch*	BD mm *Inch*	OAL mm *Inch*	Sede RFID	Equilibratura	Peso kg *lb*
E316951915050	03030258	DIN40 TF ADB	C5	50,0 *1.969*	30,9 *1.217*	50,0 *1.969*	118,4 *4.661*	1	PB	1,1 *2.430*
E317151915070	03030264	DIN50 TF ADB	C5	70,0 *2.756*	50,9 *2.004*	50,0 *1.969*	171,7 *6.760*	1	PB	3,1 *6.830*
E317151916350	03030262	DIN50 TF ADB	C6	50,0 *1.969*	30,9 *1.217*	63,0 *2.480*	151,7 *5.972*	0	–	2,9 *6.390*
E3171519163100	03030265	DIN50 TF ADB	C6	100,0 *3.937*	80,9 *3.185*	63,0 *2.480*	201,7 *7.941*	1	PB	4,0 *8.820*
E317151918070	03030263	DIN50 TF ADB	C8	70,0 *2.756*	50,9 *2.004*	80,0 *3.150*	171,7 *6.760*	0	–	3,9 *8.600*
E3171519180120	03030266	DIN50 TF ADB	C8	120,0 *4.724*	100,9 *3.972*	80,0 *3.150*	221,7 *8.728*	0	–	5,6 *12.350*

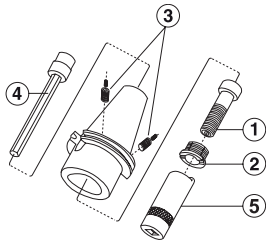
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Grano	Ghiera di bloccaggio
			
DIN40 TF/ C5	5512063-08	564301701	5512091-01
DIN50 TF/ C5	5512063-08	564301702	5512091-01
DIN50 TF/ C6-C8	5512063-09	564301702	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
DIN40 TF/ C5	5680015-01	5680065-11
DIN50 TF/ C5	5680015-01	5680065-11
DIN50 TF/ C6-C8	5680015-02	5680065-12

Accessori / Parti di ricambio



Accessori:
4 = Chiave di prolunga
5 = Chiave

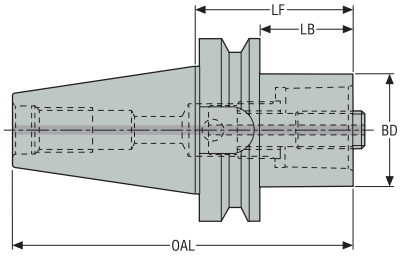
Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio
3 = Grani (spine)

C 55/58 – Attacchi da BT a Seco-Capto™ – ISO 26623-2

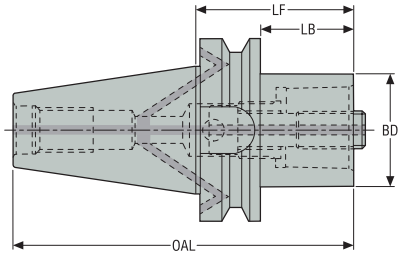
BT



Disegno 1



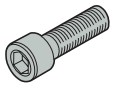
Disegno 2



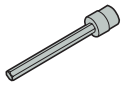
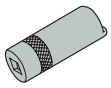
Accessori:
4 = Chiave di prolunga
5 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	BD	OAL	Sede RFID	Equilibratura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
C3-390.55-30030	75039807	BT30 AD	C3	30,0 *1.181*	8,0 *0.315*	32,0 *1.260*	78,4 *3.087*	0	PB	0,53 *1.170*
C3-390.55-30060	75039808	BT30 AD	C3	60,0 *2.362*	38,0 *1.496*	32,0 *1.260*	108,4 *4.268*	0	PB	0,73 *1.610*
C3-390B.55-40030	02925959	BT40 ADB	C3	30,0 *1.181*	3,0 *0.118*	32,0 *1.260*	95,4 *3.756*	0	PB	1,0 *2.200*
C3-390B.55-40060	02925960	BT40 ADB	C3	60,0 *2.362*	33,0 *1.299*	32,0 *1.260*	125,4 *4.937*	0	PB	1,1 *2.430*
C4-390B.55-40030	02925963	BT40 ADB	C4	30,0 *1.181*	3,0 *0.118*	40,0 *1.575*	95,4 *3.756*	0	PB	0,9 *1.980*
C4-390B.55-40060	02925964	BT40 ADB	C4	60,0 *2.362*	33,0 *1.299*	40,0 *1.575*	125,4 *4.937*	0	PB	1,2 *2.650*
C5-390B.55-40050	02925967	BT40 ADB	C5	50,0 *1.969*	23,0 *0.906*	50,0 *1.969*	115,4 *4.543*	0	PB	1,1 *2.430*
C5-390B.55-40090	02925968	BT40 ADB	C5	90,0 *3.543*	63,0 *2.480*	50,0 *1.969*	155,4 *6.118*	0	PB	1,7 *3.750*
C6-390B.55-40075	02925971	BT40 ADB	C6	75,0 *2.953*	54,6 *2.150*	63,0 *2.480*	140,4 *5.528*	0	PB	1,7 *3.750*
C3-390B.58-50040	02925961	BT50 ADB	C3	40,0 *1.575*	2,0 *0.079*	32,0 *1.260*	141,8 *5.583*	0	PB	3,5 *7.720*
C3-390B.58-50070	02925962	BT50 ADB	C3	70,0 *2.756*	32,0 *1.260*	32,0 *1.260*	171,8 *6.764*	0	PB	3,7 *8.160*
C4-390B.58-50040	02925965	BT50 ADB	C4	40,0 *1.575*	2,0 *0.079*	40,0 *1.575*	141,8 *5.583*	0	PB	3,5 *7.720*
C4-390B.58-50070	02925966	BT50 ADB	C4	70,0 *2.756*	32,0 *1.260*	40,0 *1.575*	171,8 *6.764*	0	PB	3,8 *8.380*
C5-390B.58-50040	02925969	BT50 ADB	C5	40,0 *1.575*	2,0 *0.079*	50,0 *1.969*	141,8 *5.583*	0	PB	3,4 *7.500*
C5-390B.58-50080	02925970	BT50 ADB	C5	80,0 *3.150*	42,0 *1.654*	50,0 *1.969*	181,8 *7.157*	0	PB	3,9 *8.600*
C6-390B.58-50050	02925972	BT50 ADB	C6	50,0 *1.969*	12,0 *0.472*	63,0 *2.480*	151,8 *5.976*	0	PB	3,5 *7.720*
C6-390B.58-50100	02925973	BT50 ADB	C6	100,0 *3.937*	62,0 *2.441*	63,0 *2.480*	201,8 *7.945*	0	PB	4,6 *10.140*
C8-390B.58-50070	02925974	BT50 ADB	C8	70,0 *2.756*	32,0 *1.260*	80,0 *3.150*	171,8 *6.764*	0	PB	4,0 *8.820*
C8-390B.58-50120	02925975	BT50 ADB	C8	120,0 *4.724*	82,0 *3.228*	80,0 *3.150*	221,8 *8.732*	0	PB	5,9 *13.010*

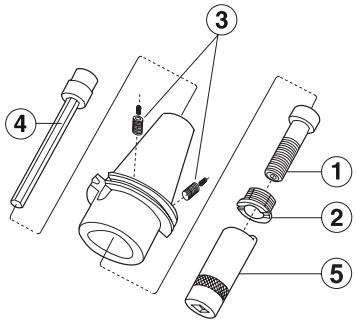
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Grano	Ghiera di bloccaggio
		 1x	
C3-390.55	5512063-10	–	5512091-04
C3-390B.55	5512063-10	564301701	5512091-04
C3-390B.58	5512063-10	564301702	5512091-04
C4-390B.55	5512063-07	564301701	5512091-03
C4-390B.58	5512063-07	564301702	5512091-03
C5-390B.55	5512063-08	564301701	5512091-01
C5-390B.58	5512063-08	564301702	5512091-01
C6-390B.55	5512063-13	564301701	5512091-02
C6-390B.58	5512063-09	564301702	5512091-02
C8	5512063-09	564301702	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
C3-390.55	5680015-05	5680065-13
C3-390B.55	5680015-05	5680065-13
C3-390B.58	5680015-05	5680065-13
C4-390B.55	5680015-05	5680065-10
C4-390B.58	5680015-05	5680065-10
C5-390B.55	5680015-01	5680065-11
C5-390B.58	5680015-01	5680065-11
C6-390B.55	5680015-01	5680065-12
C6-390B.58	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessori / Parti di ricambio

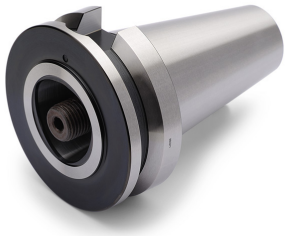


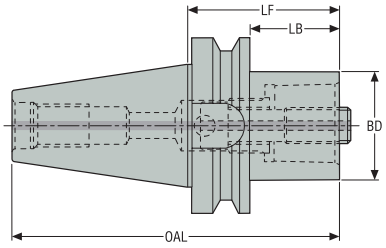
Accessori:
4 = Chiave di prolunga
5 = Chiave

Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio
3 = Grani (spine)

C 605 – Attacchi da BT Mazak a Seco-Capto™ – ISO 26623-2

BT Mazak



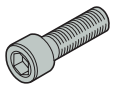


– Design Mazak: connessione Seco-Capto™ ruotata di 90° rispetto agli attacchi base BT classici
– Per e-machines Mazak

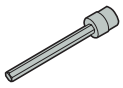
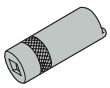
Accessori:
3 = Chiave di prolunga
4 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	BD	OAL	Sede RFID	Equilibratura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
C5-390.605-40030	02606358	BT40 AD Mazak	C5	30,0 *1.181*	3,0 *0.118*	50,0 *1.969*	95,4 *3.756*	0	–	1,1 *2.430*
C6-390.605-50040	02606354	BT50 AD Mazak	C6	40,0 *1.575*	2,0 *0.079*	63,0 *2.480*	141,8 *5.583*	0	–	3,3 *7.280*
C8-390.605-50070	02646032	BT50 AD Mazak	C8	70,0 *2.756*	70,0 *2.756*	80,0 *3.150*	171,8 *6.764*	0	–	4,0 *8.820*

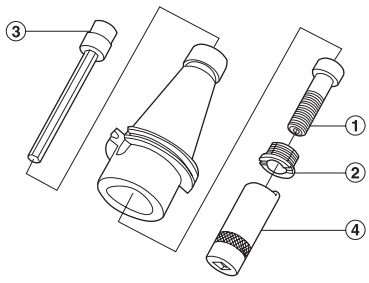
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Ghiera di bloccaggio
		
C5	5512063-08	5512091-01
C6	5512063-09	5512091-02
C8	5512063-09	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
C5	5680015-01	5680065-11
C6	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessori / Parti di ricambio



Accessori:
3 = Chiave di prolunga
4 = Chiave

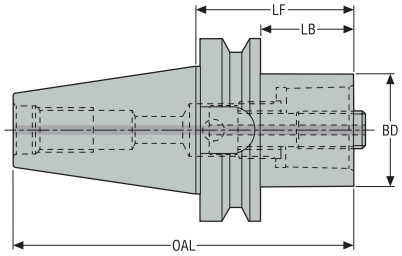
Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio

C 5191 – Seco-Capto™, attacchi base – ISO 26623-2

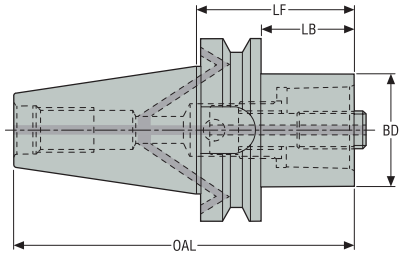
BT Cono-Flangia-AD/ADB



Disegno 1



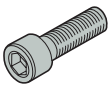
Disegno 2



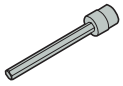
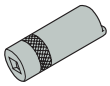
Accessori:
4 = Chiave di prolunga
5 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	BD	OAL	Sede RFID	Equilibratura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
E400251913240	03030234	BT30 TF AD	C3	40,0 *1.575*	22,0 *0.866*	32,0 *1.260*	88,4 *3.480*	1	PB	0,454 *1.000*
E400251914060	03030235	BT30 TF AD	C4	60,0 *2.362*	22,0 *0.866*	40,0 *1.575*	108,4 *4.268*	1	PB	0,7 *1.540*
E311451914040	03030236	BT40 TF ADB	C4	40,0 *1.575*	13,0 *0.512*	40,0 *1.575*	105,4 *4.150*	0	PB	1,1 *2.430*
E311451915050	03030237	BT40 TF ADB	C5	50,0 *1.969*	23,0 *0.906*	50,0 *1.969*	115,4 *4.543*	0	PB	1,2 *2.650*
E311451916375	03030238	BT40 TF ADB	C6	75,0 *2.953*	48,0 *1.890*	63,0 *2.480*	140,4 *5.528*	0	PB	1,7 *3.750*
E311651914040	03030239	BT50 TF ADB	C4	40,0 *1.575*	2,0 *0.079*	50,0 *1.969*	141,8 *5.583*	1	PB	3,5 *7.720*
E311651915040	03030240	BT50 TF ADB	C5	40,0 *1.575*	2,0 *0.079*	50,0 *1.969*	141,8 *5.583*	0	PB	3,4 *7.500*
E311651916350	03030241	BT50 TF ADB	C6	50,0 *1.969*	12,0 *0.472*	63,0 *2.480*	151,8 *5.976*	0	PB	3,5 *7.720*
E3116519163100	03030242	BT50 TF ADB	C6	100,0 *3.937*	62,0 *2.441*	63,0 *2.480*	201,8 *7.945*	0	PB	4,8 *10.580*
E311651918070	03030243	BT50 TF ADB	C8	70,0 *2.756*	32,0 *1.260*	80,0 *3.150*	171,8 *6.764*	0	PB	4,0 *8.820*
E3116519180120	03030244	BT50 TF ADB	C8	120,0 *4.724*	82,0 *3.228*	80,0 *3.150*	121,8 *4.795*	1	PB	5,9 *13.010*

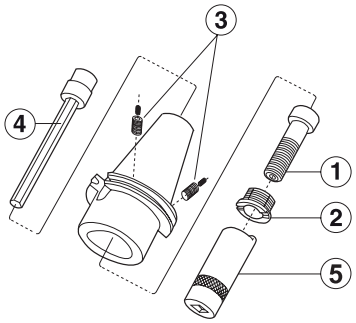
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Grano	Ghiera di bloccaggio
			
BT30 TF/ C3	5512063-10	–	5512091-04
BT30 TF/ C4	5512063-07	–	5512091-03
BT40 TF/ C4	5512063-07	564301701	5512091-03
BT40 TF/ C5	5512063-08	564301701	5512091-01
BT40 TF/ C6	5512063-13	564301701	5512091-02
BT50 TF/ C4	5512063-07	564301702	5512091-03
BT50 TF/ C5	5512063-08	564301702	5512091-01
BT50 TF/ C6-C8	5512063-09	564301702	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
BT30 TF/ C3	5680015-05	5680065-13
BT30 TF/ C4	5680015-05	5680065-10
BT40 TF/ C4	5680015-05	5680065-10
BT40 TF/ C5	5680015-01	5680065-11
BT40 TF/ C6	5680015-01	5680065-12
BT50 TF/ C4	5680015-05	5680065-10
BT50 TF/ C5	5680015-01	5680065-11
BT50 TF/ C6-C8	5680015-02	5680065-12

Accessori / Parti di ricambio



Accessori:
4 = Chiave di prolunga
5 = Chiave

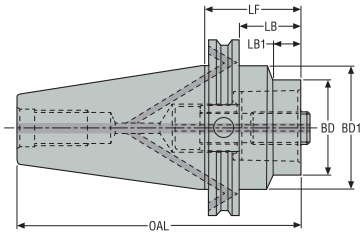
Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio
3 = Grani (spine)

C 5191 – Seco-Capto™, attacchi base

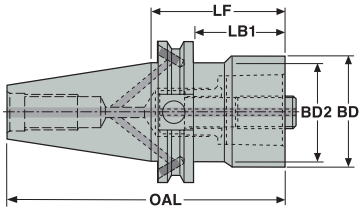
CAT TF / ASME B5.50-1994-ADB



Disegno 1



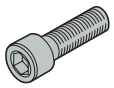
Disegno 2



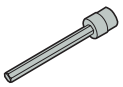
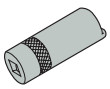
Accessori:
4 = Chiave di prolunga
5 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	LB1	BD	BD1	OAL	Disegno	Sede RFID	Equilibra-tura	Peso
				Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*				lb
E234251915050	03030247	CAT40 TF ADB	C5	1.969	1.220	1.220	1.969	1.750	4.660	2	1	PB	2.250
E234451914040	03030249	CAT50 TF ADB	C4	1.575	0.090	0.090	1.575	2.750	5.580	1	1	PB	6.830
E234451915040	03030250	CAT50 TF ADB	C5	1.575	0.090	0.090	1.969	2.750	5.580	1	0	-	6.610
E234451916340	03030251	CAT50 TF ADB	C6	1.575	0.120	0.120	2.480	2.750	5.580	1	0	-	6.170
E234451916390	03030252	CAT50 TF ADB	C6	3.543	2.085	2.085	2.480	2.750	7.543	1	0	-	8.600
E2344519180100	03030253	CAT50 TF ADB	C8	3.937	3.185	3.185	3.150	2.750	7.937	2	1	PB	10.140

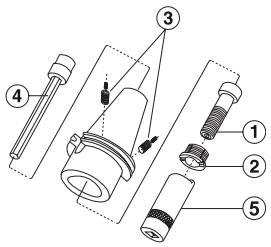
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Grano	Ghiera di bloccaggio
			
CAT40/ C5	5512063-08	564301701	5512091-01
CAT50/ C4	5512063-07	564301702	5512091-03
CAT50/ C5	5512063-08	564301702	5512091-01
CAT50/ C6	5512063-09	564301702	5512091-02
CAT50/ C8	5512063-09	564301702	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
CAT40/ C5	5680015-01	5680065-11
CAT50/ C4	5680015-05	5680065-10
CAT50/ C5	5680015-01	5680065-11
CAT50/ C6	5680015-02	5680065-12
CAT50/ C8	5680015-02	5680065-12

Accessori / Parti di ricambio



Accessori:
4 = Chiave di prolunga
5 = Chiave

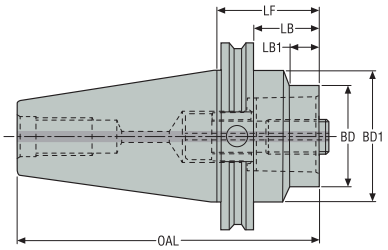
Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio
3 = Grani (spine)

C 5191 – Seco-Capto™, attacchi base

E-machine CAT TF Mazak™ e Mori Seiki NT™ -Series



Disegno 1

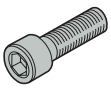


—Poligono ruotato di 90° per un controllo preciso della punta dell'utensile

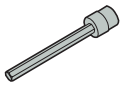
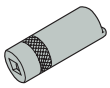
Accessori:
4 = Chiave di prolunga
5 = Chiave

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LF	LB	LB1	BD	BD1	OAL	Disegno	Sede RFID	Equilibra-tura	Peso
				Inch	*Inch*	*Inch*	*Inch*	*Inch*	*Inch*				lb
E947451916350	03030255	CAT50 TF AD Mazak	C6	1.969	0.510	0.510	2.480	2.750	5.960	1	0	PB	6.830

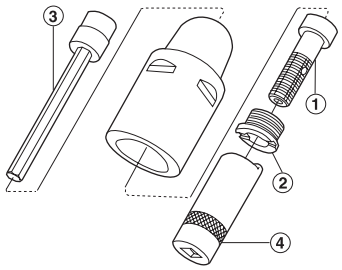
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Ghiera di bloccaggio
		
E947451916350	5512063-09	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
E947451916350	5680015-02	5680065-12

Accessori / Parti di ricambio

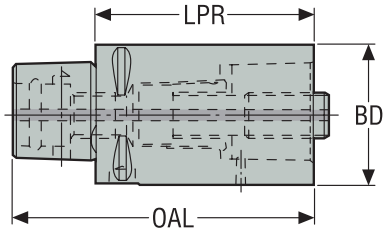


Accessori:
3 = Chiave di prolunga
4 = Chiave per ghiera di fissaggio

Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio

C 01 – Seco-Capto™, prolunghe
ISO 26623-1

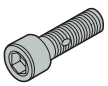




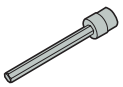
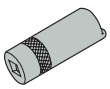
Accessori:
3 = Chiave di prolunga
4 = Chiave per ghiera di fissaggio

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LPR	BD	OAL	Sede RFID	Equilibratura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
C3-391.01-32060A	75039884	C3	C3	60,0 *2.362*	32,0 *1.260*	79,0 *3.110*	0	-	0,4 *0.880*
C3-391.01-32080A	00090847	C3	C3	80,0 *3.150*	32,0 *1.260*	99,0 *3.898*	0	-	0,5 *1.100*
C4-391.01-40060A	75039885	C4	C4	60,0 *2.362*	40,0 *1.575*	84,0 *3.307*	0	-	0,6 *1.320*
C4-391.01-40080A	02207391	C4	C4	80,0 *3.150*	40,0 *1.575*	104,0 *4.094*	0	-	0,8 *1.760*
C5-391.01-50080A	75039886	C5	C5	80,0 *3.150*	50,0 *1.969*	110,0 *4.331*	0	-	1,1 *2.430*
C5-391.01-50100A	00004773	C5	C5	100,0 *3.937*	50,0 *1.969*	130,0 *5.118*	0	-	1,4 *3.090*
C6-391.01-63100A	75039887	C6	C6	100,0 *3.937*	63,0 *2.480*	138,0 *5.433*	0	-	2,2 *4.850*
C6-391.01-63140A	00004840	C6	C6	140,0 *5.512*	63,0 *2.480*	178,0 *7.008*	0	-	3,1 *6.830*
C8-391.01-80100A	75039888	C8	C8	100,0 *3.937*	80,0 *3.150*	148,0 *5.827*	0	-	3,7 *8.160*
C8-391.01-80125A	00004841	C8	C8	125,0 *4.921*	80,0 *3.150*	173,0 *6.811*	0	-	4,6 *10.140*

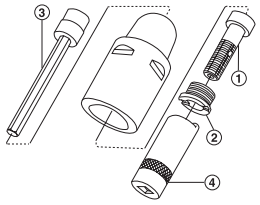
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Ghiera di bloccaggio
		
C3	5512067-01	5512091-04
C4	5512067-02	5512091-03
C5	5512067-03	5512091-01
C6	5512067-04	5512091-02
C8	5512067-04	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
C3	5680015-05	5680065-13
C4	5680015-05	5680065-10
C5	5680015-01	5680065-11
C6	5680015-02	5680065-12
C8	5680015-02	5680065-12

Accessori / Parti di ricambio



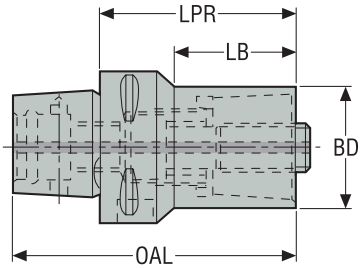
Accessori:
3 = Chiave di prolunga
4 = Chiave per ghiera di fissaggio

Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio

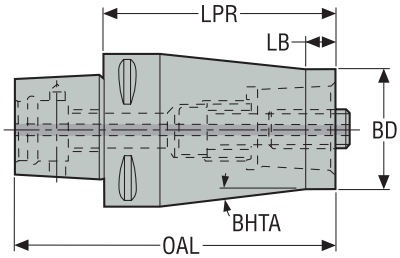
C 02 – Seco-Capto™ Riduzioni
ISO 26623-1



Disegno 1



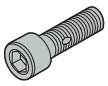
Disegno 2



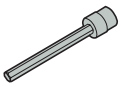
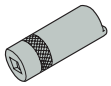
Accessori:
3 = Chiave di prolunga
4 = Chiave per ghiera di fissaggio

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LPR	LB	BD	OAL	Disegno	Sede RFID	Equilibratura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
C4-391.02-32055A	75039889	C4	C3	55,0 *2.165*	31,0 *1.220*	32,0 *1.260*	79,0 *3.110*	1	0	-	0,42 *0.930*
C4-391.02-32070A	02535687	C4	C3	70,0 *2.756*	–	32,0 *1.260*	94,0 *3.701*	2	0	-	0,56 *1.230*
C5-391.02-32060A	75039890	C5	C3	60,0 *2.362*	34,8 *1.370*	32,0 *1.260*	90,0 *3.543*	1	0	-	0,7 *1.540*
C5-391.02-40065A	75039891	C5	C4	65,0 *2.559*	40,0 *1.575*	40,0 *1.575*	95,0 *3.740*	1	0	-	0,8 *1.760*
C6-391.02-32070A	75039892	C6	C3	70,0 *2.756*	39,0 *1.535*	32,0 *1.260*	108,0 *4.252*	1	0	-	1,1 *2.430*
C6-391.02-40080A	75039893	C6	C4	80,0 *3.150*	51,4 *2.024*	40,0 *1.575*	118,0 *4.646*	1	0	-	1,2 *2.650*
C6-391.02-50080A	75039894	C6	C5	80,0 *3.150*	51,5 *2.028*	50,0 *1.969*	118,0 *4.646*	1	0	-	1,4 *3.090*
C6-391.02-50110A	02207400	C6	C5	110,0 *4.331*	12,0 *0.472*	50,0 *1.969*	148,0 *5.827*	2	0	-	2,2 *4.850*
C8-391.02-32060B	03080008	C8	C3	60,0 *2.362*	20,7 *0.815*	32,0 *1.260*	108,0 *4.252*	1	0	-	2,0 *4.410*
C8-391.02-40070B	03080009	C8	C4	70,0 *2.756*	31,4 *1.236*	40,0 *1.575*	118,0 *4.646*	1	0	-	2,1 *4.630*
C8-391.02-50080B	03080011	C8	C5	80,0 *3.150*	42,8 *1.685*	50,0 *1.969*	128,0 *5.039*	1	0	-	2,4 *5.290*
C8-391.02-63080B	02527212	C8	C6	80,0 *3.150*	44,5 *1.752*	63,0 *2.480*	128,0 *5.039*	1	0	-	2,6 *5.730*
C8-391.02-63120A	02207176	C8	C6	120,0 *4.724*	12,0 *0.472*	63,0 *2.480*	168,0 *6.614*	2	0	-	4,1 *9.040*

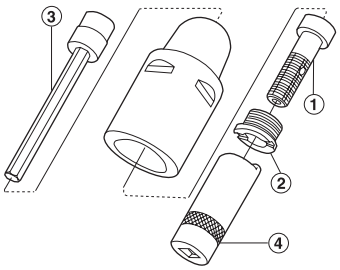
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Ghiera di bloccaggio
		
C...-32	5512067-01	5512091-04
C...-40	5512067-02	5512091-03
C...-50	5512067-03	5512091-01
C...-63	5512067-04	5512091-02

Accessori

Per	Chiave di estensione	Chiave
		
C...-32	5680015-05	5680065-13
C...-40	5680015-05	5680065-10
C...-50	5680015-01	5680065-11
C...-63	5680015-02	5680065-12

Accessori / Parti di ricambio



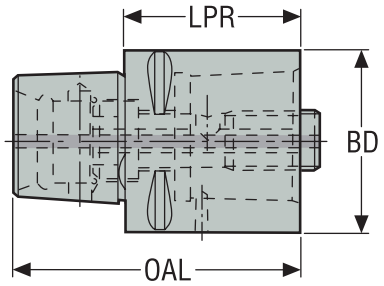
Accessori:
3 = Chiave di prolunga
4 = Chiave per ghiera di fissaggio

Ricambi:
1 = Vite centrale
2 = Ghiera di fissaggio

C01 Prolunghe Seco-Capto ™, versione corta,solo per bloccaggio ad espansione radiale

ISO 26623-1



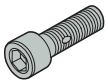


—Le prolunghe Seco-Capto™ versione corta lato macchina possono essere montate solo direttamente su mandrini o torrette Capto con serraggio ad espansione radiale (non con vite centrale)

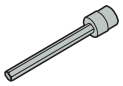
Accessori:
3 = Chiave di prolunga

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LPR	BD	OAL	Sede RFID	Equilibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*			kg *lb*
C3-391.01-32035	02535685	C3	C3	35,0 *1.378*	32,0 *1.260*	54,0 *2.126*	0	–	0,3 *0.660*
C4-391.01-40040	02535686	C4	C4	40,0 *1.575*	40,0 *1.575*	64,0 *2.520*	0	–	0,4 *0.880*
C5-391.01-50050	02484934	C5	C5	50,0 *1.969*	50,0 *1.969*	80,0 *3.150*	0	–	0,7 *1.540*
C6-391.01-63060	02300834	C6	C6	60,0 *2.362*	63,0 *2.480*	98,0 *3.858*	0	–	1,3 *2.870*
C8-391.01-80065	02417041	C8	C8	65,0 *2.559*	80,0 *3.150*	113,0 *4.449*	0	–	2,4 *5.290*

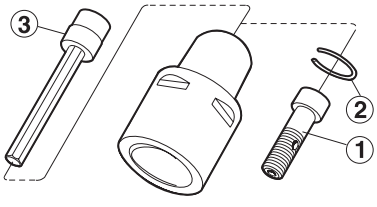
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Anello Seeger
		
C3-391.01-32035	5512068-01	5545040-02
C4-391.01-40040	5512068-02	5545040-03
C5-391.01-50050	5512068-03	5545040-07
C6-391.01-63060	5512068-04	5545040-08
C8-391.01-80065	5512068-05	5545040-08

Accessori

Per	Chiave di estensione
	
C3-391.01-32035	5680015-05
C4-391.01-40040	5680015-05
C5-391.01-50050	5680015-05
C6-391.01-63060	5680015-02
C8-391.01-80065	5680015-02

Accessori / Parti di ricambio



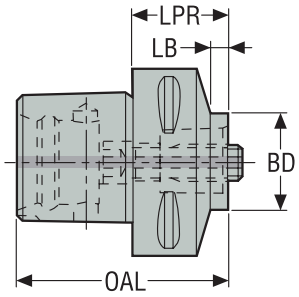
Accessori:
3 = Chiave di prolunga

Ricambi:
1 = Vite centrale
2 = Anelli elastici

C02 Riduzioni Seco-Capto ™, versione corta, solo per bloccaggio ad espansione radiale

ISO 26623-1



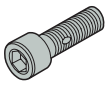


—Le riduzioni Seco-Capto™ versione corta lato macchina possono essere montate solo direttamente su mandrini o torrette Capto con serraggio ad espansione radiale (non con vite centrale)
—* Con offset lato macchina di 180° rispetto al lato pezzo in lavorazione

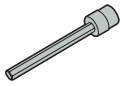
Accessori:
3 = Chiave di prolunga

Codice di ordinazione	Codice prodotto	CTMS	CTWS	LPR	LB	BD	OAL	*	Sede RFID	Equilibra-tura	Peso
				mm *Inch*	mm *Inch*	mm *Inch*	mm *Inch*				kg *lb*
C5-391.02-32033A	03080025	C5	C3	33,0 *1.299*	5,0 *0.197*	32,0 *1.260*	63,0 *2.480*		0	PB	0,6 *1.320*
C5-391.02-40040A	03079983	C5	C4	40,0 *1.575*	15,0 *0.591*	40,0 *1.575*	70,0 *2.756*		0	–	0,6 *1.320*
C6-391.02-32032	02535690	C6	C3	32,0 *1.260*	6,0 *0.236*	32,0 *1.260*	70,0 *2.756*		0	–	0,85 *1.870*
C6-391.02-40040	02459467	C6	C4	40,0 *1.575*	11,0 *0.433*	40,0 *1.575*	78,0 *3.071*		0	–	0,9 *1.980*
C6-391.02-50050A	03080019	C6	C5	50,0 *1.969*	20,0 *0.787*	50,0 *1.969*	88,0 *3.465*		0	–	1,1 *2.430*
C8-391.02-50045A	03080010	C8	C5	45,0 *1.772*	5,0 *0.197*	50,0 *1.969*	93,0 *3.661*		0	–	1,9 *4.190*
C8-391.02-63055A	03080012	C8	C6	55,0 *2.165*	15,0 *0.591*	63,0 *2.480*	103,0 *4.055*		0	–	2,1 *4.630*
C8-391.02R-63055A	03080030	C8	C6	55,0 *2.165*	15,0 *0.591*	63,0 *2.480*	103,0 *4.055*	*	0	–	1,9 *4.190*

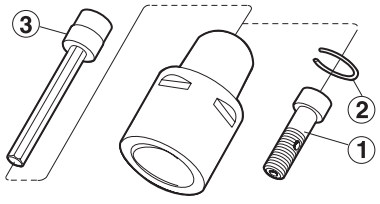
Parti di ricambio, comprese nella fornitura

Per	Vite centrale	Anello Seeger
		
C5-391.02-32033A	5512068-01	5545040-02
C5-391.02-40040A	5512068-06	5545040-07
C6-391.02-32032	5512068-01	5545040-02
C6-391.02-40040	5512068-02	5545040-03
C6-391.02-50050A	5512068-07	5545040-08
C8-391.02-50045A	5512068-08	5545040-08
C8-391.02-63055A	5512068-05	5545040-08
C8-391.02R-63055A	5512068-05	5545040-08

Accessori

Chiave di estensione

5680015-05
5680015-05
5680015-05
5680015-05
5680015-01
5680015-01
5680015-02
5680015-02

Accessori / Parti di ricambio



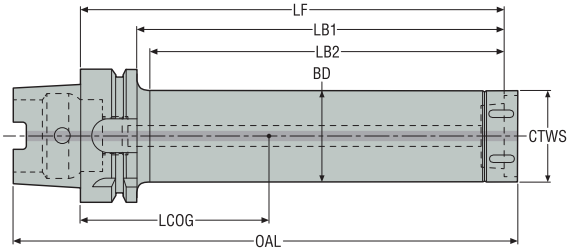
Accessori:
3 = Chiave di prolunga

Ricambi:
1 = Vite centrale
2 = Anelli elastici

GL – Barre Steadyline® HSK-T/A GL

Diametri 25, 32, 40 e 50 mm / 0.984, 1.260, 1.575 e 1.969 pollici

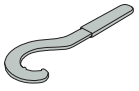




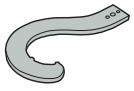
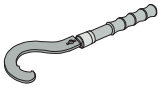
—Con smorzamento delle vibrazioni
—Con adduzione refrigerante interna
—* Max. num. di giri/min solo in barenatura rotante

Codice di ordinazione	Codice prodotto	CTMS HSK-T/A	CTWS Dimensione GL	BD	LF	LB1	LB2	OAL	LCOG	Max. num. di giri*	Sede RFID	Equilibratura	Peso
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lb*
HSKTA63-GL25-130-K	03214283	HSK-T/A63	GL25	25,0 *0.984*	130,0 *5.118*	104,0 *4.094*	101,0 *3.976*	166,5 *6.555*	37,0 *1.457*	10000	1	–	1,4 *3.1*
HSKTA63-GL25-180-K	03214284	HSK-T/A63	GL25	25,0 *0.984*	180,0 *7.087*	154,0 *6.063*	151,0 *5.945*	216,5 *8.524*	57,7 *2.272*	8000	1	–	1,5 *3.3*
HSKTA63-GL25-230-K	03214285	HSK-T/A63	GL25	25,0 *0.984*	230,0 *9.055*	204,0 *8.031*	201,0 *7.913*	266,5 *10.492*	80,3 *3.161*	6000	1	–	1,5 *3.3*
E9374-D32-160-GL32	03029521	HSK-T/A63	GL32	32,0 *1.260*	160,0 *6.299*	134,0 *5.276*	128,0 *5.039*	197,4 *7.772*	58,92 *2.320*	10000	1	–	1,6 *3.5*
E9374-D32-224-GL32	03029522	HSK-T/A63	GL32	32,0 *1.260*	224,0 *8.819*	198,0 *7.795*	192,0 *7.559*	261,4 *10.291*	90,22 *3.552*	8000	1	–	2,0 *4.4*
E9374-D40-208-GL40	03029523	HSK-T/A63	GL40	40,0 *1.575*	208,0 *8.189*	182,0 *7.165*	176,0 *6.929*	246,4 *9.701*	92,78 *3.653*	8000	1	–	2,7 *6.0*
E9374-D40-288-GL40	03029524	HSK-T/A63	GL40	40,0 *1.575*	288,0 *11.339*	262,0 *10.315*	256,0 *10.079*	326,4 *12.850*	134,37 *5.290*	6000	1	–	3,5 *7.7*
E9374-D50-268-GL50	03029525	HSK-T/A63	GL50	50,0 *1.969*	268,0 *10.551*	242,0 *9.528*	240,5 *9.469*	307,4 *12.102*	131,8 *5.189*	6000	1	–	4,8 *10.6*
E9374-D50-368-GL50	03029526	HSK-T/A63	GL50	50,0 *1.969*	368,0 *14.488*	342,0 *13.465*	340,5 *13.406*	407,4 *16.039*	184,79 *7.275*	4000	1	–	6,4 *14.1*
E9376-D32-160-GL32	03029527	HSK-T/A100	GL32	32,0 *1.260*	160,0 *6.299*	131,0 *5.157*	125,0 *4.921*	215,4 *8.480*	32,87 *1.294*	10000	1	–	3,0 *6.6*
E9376-D32-224-GL32	03029528	HSK-T/A100	GL32	32,0 *1.260*	224,0 *8.819*	195,0 *7.677*	189,0 *7.441*	279,4 *11.000*	54,97 *2.164*	8000	1	–	3,4 *7.5*
E9376-D32-288-GL32	03029529	HSK-T/A100	GL32	32,0 *1.260*	288,0 *11.339*	259,0 *10.197*	253,0 *9.961*	343,4 *13.520*	80,51 *3.170*	6000	1	–	3,8 *8.4*
E9376-D40-208-GL40	03029530	HSK-T/A100	GL40	40,0 *1.575*	208,0 *8.189*	179,0 *7.047*	173,0 *6.811*	264,4 *10.409*	62,83 *2.474*	8000	1	–	4,1 *9.0*
E9376-D40-288-GL40	03029531	HSK-T/A100	GL40	40,0 *1.575*	288,0 *11.339*	259,0 *10.197*	253,0 *9.961*	344,4 *13.559*	98,31 *3.870*	6000	1	–	4,9 *10.8*
E9376-D40-368-GL40	03029532	HSK-T/A100	GL40	40,0 *1.575*	368,0 *14.488*	339,0 *13.346*	333,0 *13.110*	424,4 *16.709*	139,77 *5.503*	5000	1	–	5,8 *12.8*
E9376-D50-268-GL50	03029533	HSK-T/A100	GL50	50,0 *1.969*	268,0 *10.551*	239,0 *9.409*	234,0 *9.213*	325,4 *12.811*	104,26 *4.105*	6000	1	–	6,2 *13.7*
E9376-D50-368-GL50	03029534	HSK-T/A100	GL50	50,0 *1.969*	368,0 *14.488*	339,0 *13.346*	334,0 *13.150*	425,4 *16.748*	154,26 *6.073*	4000	1	–	7,8 *17.2*
E9376-D50-468-GL50	03029535	HSK-T/A100	GL50	50,0 *1.969*	468,0 *18.425*	439,0 *17.283*	434,0 *17.087*	525,4 *20.685*	211,61 *8.331*	2500	1	–	9,7 *21.4*

Parti di ricambio, comprese nella fornitura

Per dimensione	Chiave di bloccaggio
	
GL25	SL25
GL32	SL32
GL40	SL40
GL50	SL50

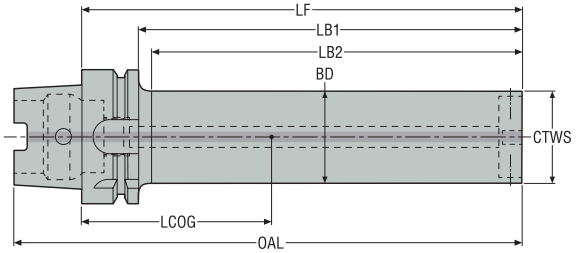
Accessori

Terminale sostituibile	Chiave dinamometrica
	
SL00-25	SL00-25.250
SL00-32	SL00-32.250
SL00-40	SL00-40.350
SL00-50	SL00-50.550

BA – Steadyline®, barre HSK T/A- attacchi BA

Diametri 60 e 80 mm / 2.362 e 3.150 pollici

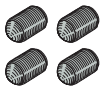




—Con smorzamento delle vibrazioni
—Per montare unità GL attraverso specifici adattatori da BA a GL
—Con adduzione refrigerante interna
—* Max. num. di giri/min solo in barenatura rotante

Codice di ordinazione	Codice prodotto	CTMS Dimensione HSK-T/A	CTWS BA connection	BD	LF	LB1	LB2	OAL	LCOG	Max. num. di giri*	Sede RFID	Equilibra-tura	Peso
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lb*
E9376-D60-301-BA060	03062828	HSK-T/A100	BA060	60,0 *2.362*	301,0 *11.850*	272,0 *10.709*	267,0 *10.512*	351,0 *13.819*	133,05 *5.238*	4000	1	PB	8,9 *19.6*
E9376-D60-421-BA060	03062829	HSK-T/A100	BA060	60,0 *2.362*	421,0 *16.575*	392,0 *15.433*	387,0 *15.236*	471,0 *18.543*	197,17 *7.763*	3000	1	PB	11,8 *26.0*
E9376-D60-541-BA060	03062830	HSK-T/A100	BA060	60,0 *2.362*	541,0 *21.299*	512,0 *20.157*	507,0 *19.961*	591,0 *23.268*	260,56 *10.258*	2000	1	PB	14,5 *32.0*
E9376-D80-421-BA080	03064109	HSK-T/A100	BA080	80,0 *3.150*	421,0 *16.575*	392,0 *15.433*	387,0 *15.236*	471,0 *18.543*	209,68 *8.255*	3000	1	PB	19,4 *42.8*
E9376-D80-581-BA080	03064111	HSK-T/A100	BA080	80,0 *3.150*	581,0 *22.874*	552,0 *21.732*	547,0 *21.535*	631,0 *24.843*	295,45 *11.632*	2000	1	PB	25,6 *56.4*

Parti di ricambio, comprese nella fornitura

Per dimensione	Vite di bloccaggio
	
BA060	90FQ4
BA080	90FQ52

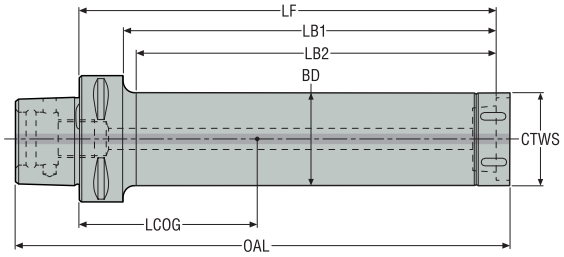
Accessori

Per dimensione	Chiave di bloccaggio
	
BA060	03H04
BA080	03H05

Barre Steadyline® GL

Diametri 25, 32, 40 e 50 mm / 0.984, 1.260, 1.575 e 1.969 pollici



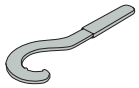


—Con smorzamento delle vibrazioni
—Con adduzione refrigerante interna
—* Max. num. di giri/min solo in barenatura rotante

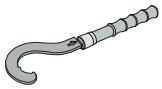
Codice di ordinazione	Codice prodotto	CTMS Dimensione Seco-Capto™	CTWS Dimensione GL	BD	LF	LB1	LB2	OAL	LCOG	Max. num. di giri*	Sede RFID	Equilibratura	Peso
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lb*
C4-D25-130-GL25	03214272	C4	GL25	25,0 *0.984*	130,0 *5.118*	110,0 *4.331*	107,0 *4.213*	158,5 *6.240*	51,8 *2.039*	10000	0	PB	0,9 *2.0*
C4-D25-180-GL25	03214273	C4	GL25	25,0 *0.984*	180,0 *7.087*	160,0 *6.299*	157,0 *6.181*	208,5 *8.209*	77,2 *3.039*	8000	0	PB	1,2 *2.7*
C4-D32-160-GL32	02807837	C4	GL32	32,0 *1.260*	160,0 *6.299*	140,0 *5.512*	137,0 *5.394*	189,4 *7.457*	74,73 *2.942*	10000	0	PB	1,4 *3.1*
C4-D32-224-GL32	02807838	C4	GL32	32,0 *1.260*	224,0 *8.819*	204,0 *8.031*	201,0 *7.913*	253,4 *9.976*	109,16 *4.298*	8000	0	PB	1,7 *3.8*
C5-D25-130-GL25	03214274	C5	GL25	25,0 *0.984*	130,0 *5.118*	110,0 *4.331*	107,0 *4.213*	164,5 *6.476*	41,8 *1.646*	10000	1	PB	1,1 *2.4*
C5-D25-180-GL25	03214275	C5	GL25	25,0 *0.984*	180,0 *7.087*	160,0 *6.299*	157,0 *6.181*	214,5 *8.445*	65,1 *2.563*	8000	1	PB	1,3 *2.9*
C5-D25-230-GL25	03214276	C5	GL25	25,0 *0.984*	230,0 *9.055*	210,0 *8.268*	207,0 *8.150*	264,5 *10.413*	89,8 *3.535*	6000	1	PB	1,5 *3.3*
C5-D32-160-GL32	02807840	C5	GL32	32,0 *1.260*	160,0 *6.299*	140,0 *5.512*	136,0 *5.354*	195,4 *7.693*	65,15 *2.565*	10000	1	PB	1,6 *3.5*
C5-D32-224-GL32	02807841	C5	GL32	32,0 *1.260*	224,0 *8.819*	204,0 *8.031*	200,0 *7.874*	259,4 *10.213*	98,47 *3.877*	8000	1	PB	2,0 *4.4*
C5-D32-288-GL32	02807842	C5	GL32	32,0 *1.260*	288,0 *11.339*	268,0 *10.551*	264,0 *10.394*	323,4 *12.732*	133,61 *5.260*	6000	1	PB	2,2 *4.9*
C5-D40-208-GL40	02807843	C5	GL40	40,0 *1.575*	208,0 *8.189*	188,0 *7.402*	184,0 *7.244*	244,4 *9.622*	98,32 *3.871*	8000	1	PB	2,8 *6.2*
C5-D40-288-GL40	02807844	C5	GL40	40,0 *1.575*	288,0 *11.339*	268,0 *10.551*	264,0 *10.394*	324,4 *12.772*	140,88 *5.546*	6000	1	PB	3,3 *7.3*
C6-D25-130-GL25	03214277	C6	GL25	25,0 *0.984*	130,0 *5.118*	105,0 *4.134*	102,0 *4.016*	172,5 *6.791*	30,4 *1.197*	10000	1	PB	1,6 *3.5*
C6-D25-180-GL25	03214278	C6	GL25	25,0 *0.984*	180,0 *7.087*	155,0 *6.102*	152,0 *5.984*	222,5 *8.760*	49,3 *1.941*	8000	1	PB	1,5 *3.3*
C6-D25-230-GL25	03214279	C6	GL25	25,0 *0.984*	230,0 *9.055*	205,0 *8.071*	202,0 *7.953*	272,5 *10.728*	70,2 *2.764*	6000	1	PB	1,7 *3.8*
C6-D32-160-GL32	02807846	C6	GL32	32,0 *1.260*	160,0 *6.299*	135,0 *5.315*	129,0 *5.079*	203,4 *8.008*	52,06 *2.050*	10000	1	PB	1,8 *4.0*
C6-D32-224-GL32	02807847	C6	GL32	32,0 *1.260*	224,0 *8.819*	199,0 *7.835*	193,0 *7.598*	267,4 *10.528*	82,17 *3.235*	8000	1	PB	2,2 *4.9*
C6-D32-288-GL32	02807848	C6	GL32	32,0 *1.260*	288,0 *11.339*	263,0 *10.354*	257,0 *10.118*	331,4 *13.047*	114,87 *4.522*	6000	1	PB	2,6 *5.7*
C6-D40-208-GL40	02807849	C6	GL40	40,0 *1.575*	208,0 *8.189*	183,0 *7.205*	177,0 *6.969*	252,4 *9.937*	86,42 *3.402*	8000	1	PB	2,9 *6.4*
C6-D40-288-GL40	02807850	C6	GL40	40,0 *1.575*	288,0 *11.339*	263,0 *10.354*	257,0 *10.118*	332,4 *13.087*	127,5 *5.020*	6000	1	PB	3,7 *8.2*
C6-D40-368-GL40	02807851	C6	GL40	40,0 *1.575*	368,0 *14.488*	343,0 *13.504*	337,0 *13.268*	412,4 *16.236*	173,14 *6.817*	5000	1	PB	4,6 *10.1*
C6-D50-268-GL50	02807852	C6	GL50	50,0 *1.969*	268,0 *10.551*	243,0 *9.567*	238,0 *9.370*	313,4 *12.339*	126,6 *4.984*	6000	1	PB	5,4 *11.9*
C6-D50-368-GL50	02807853	C6	GL50	50,0 *1.969*	368,0 *14.488*	343,0 *13.504*	338,0 *13.307*	413,4 *16.276*	179,44 *7.065*	4000	1	PB	6,6 *14.6*
C6-D50-468-GL50	02807854	C6	GL50	50,0 *1.969*	468,0 *18.425*	443,0 *17.441*	438,0 *17.244*	513,4 *20.213*	238,49 *9.389*	2500	1	PB	8,5 *18.7*

Codice di ordinazione	Codice prodotto	CTMS Dimensione Seco-Capto™	CTWS Dimensione GL	BD	LF	LB1	LB2	OAL	LCOG	Max. num. di giri*	Sede RFID	Equilibra-tura	Peso
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lb*
C8-D32-224-GL32	03029356	C8	GL32	32,0 *1.260*	224,0 *8.819*	191,0 *7.520*	181,0 *7.126*	277,4 *10.921*	58,17 *2.290*	8000	1	PB	3,2 *7.1*
C8-D32-288-GL32	03029357	C8	GL32	32,0 *1.260*	288,0 *11.339*	255,0 *10.039*	245,0 *9.646*	341,4 *13.441*	84,7 *3.335*	6000	1	PB	3,6 *7.9*
C8-D40-288-GL40	03029358	C8	GL40	40,0 *1.575*	288,0 *11.339*	255,0 *10.039*	245,0 *9.646*	342,4 *13.480*	102,14 *4.021*	6000	1	PB	4,7 *10.4*
C8-D40-368-GL40	03029359	C8	GL40	40,0 *1.575*	368,0 *14.488*	335,0 *13.189*	325,0 *12.795*	422,4 *16.630*	144,04 *5.671*	5000	1	PB	5,6 *12.4*
C8-D50-268-GL50	03029360	C8	GL50	50,0 *1.969*	268,0 *10.551*	235,0 *9.252*	225,0 *8.858*	323,4 *12.732*	107,59 *4.236*	6000	1	PB	5,9 *13.0*
C8-D50-368-GL50	03029361	C8	GL50	50,0 *1.969*	368,0 *14.488*	335,0 *13.189*	325,0 *12.795*	423,4 *16.669*	158,08 *6.224*	4000	1	PB	7,5 *16.5*
C8-D50-468-GL50	03029362	C8	GL50	50,0 *1.969*	468,0 *18.425*	435,0 *17.126*	425,0 *16.732*	523,4 *20.606*	215,6 *8.488*	2500	1	PB	9,4 *20.7*

Parti di ricambio, comprese nella fornitura

Per dimensione	Chiave di bloccaggio
	
GL25	SL25
GL32	SL32
GL40	SL40
GL50	SL50

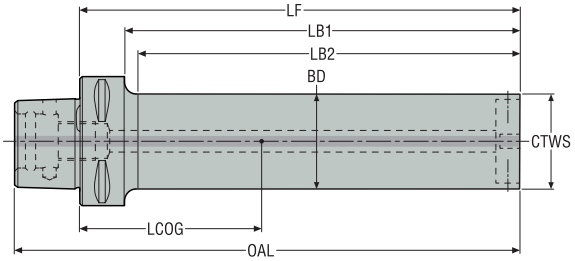
Accessori

Per dimensione	Terminale sostituibile	Chiave dinamometrica
		
GL25	SL00-25	SL00-25.250
GL32	SL00-32	SL00-32.250
GL40	SL00-40	SL00-40.350
GL50	SL00-50	SL00-50.550

Barre Steadyline® BA

Diametri 60 e 80 mm / 2.362 e 3.150 pollici





—Con smorzamento delle vibrazioni
—Per montare unità GL attraverso specifici adattatori da BA a GL
—Con adduzione refrigerante interna
—* Max. num. di giri/min solo in barenatura rotante

Codice di ordinazione	Codice prodotto	CTMS Dimensione Seco-Capto™	CTWS Dimensione BA	BD	LF	LB1	LB2	OAL	LCOG	Max. num. di giri*	Sede RFID	Equilibratura	Peso
				mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*	mm *inch*				kg *lb*
C6-D60-301-BA060	03062831	C6	BA060	60,0 *2.362*	301,0 *11.850*	276,0 *10.866*	273,0 *10.748*	339,0 *13.346*	151,74 *5.974*	4000	1	PB	7,8 *17.2*
C6-D60-421-BA060	03062832	C6	BA060	60,0 *2.362*	421,0 *16.575*	396,0 *15.591*	393,0 *15.472*	459,0 *18.071*	218,63 *8.607*	3000	1	PB	10,6 *23.4*
C8-D60-301-BA060	03062833	C8	BA060	60,0 *2.362*	301,0 *11.850*	268,0 *10.551*	263,0 *10.354*	349,0 *13.740*	137,04 *5.395*	4000	1	PB	8,6 *19.0*
C8-D60-421-BA060	03062834	C8	BA060	60,0 *2.362*	421,0 *16.575*	388,0 *15.276*	383,0 *15.079*	469,0 *18.465*	202,5 *7.972*	3000	1	PB	11,4 *25.1*
C8-D60-541-BA060	03062835	C8	BA060	60,0 *2.362*	541,0 *21.299*	508,0 *20.000*	503,0 *19.803*	589,0 *23.189*	266,78 *10.503*	2000	1	PB	14,0 *30.9*
C8-D80-421-BA080	03065829	C8	BA080	80,0 *3.150*	421,0 *16.575*	388,0 *15.276*	383,0 *15.079*	469,0 *18.465*	213,89 *8.421*	3000	1	PB	18,8 *41.5*
C8-D80-581-BA080	03065830	C8	BA080	80,0 *3.150*	581,0 *22.874*	548,0 *21.575*	543,0 *21.378*	629,0 *24.764*	300,38 *11.826*	2000	1	PB	25,1 *55.3*

Parti di ricambio, comprese nella fornitura

Per dimensione	Vite di bloccaggio
	
BA060	90FQ4
BA080	90FQ52

Accessori

Per dimensione	Chiave di bloccaggio
	
BA060	03H04
BA080	03H05

Tabella tolleranze ISO

Tolleranze ISO per i fori (µm)														
Foro ∅ mm (inch)	**D10**	**E9**	**F7**	**F8**	**G7**	**G9**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**H11**	**H12**
≤ 3 *(0.118")*	+60 +20	+39 +14	+16 +6	+20 +6	+12 +2	+27 +2	+4 0	+6 0	+10 0	+14 0	+25 0	+40 0	+60 0	+100 0
3 ≥ 6 *(0.236")*	+78 +30	+50 +20	+22 +10	+28 +10	+16 +4	+34 +4	+5 0	+8 0	+12 0	+18 0	+30 0	+48 0	+75 0	+120 0
6 ≥ 10 *(0.394")*	+98 +40	+61 +25	+28 +13	+35 +13	+20 +5	+41 +5	+6 0	+9 0	+15 0	+22 0	+36 0	+58 0	+90 0	+150 0
10 ≥ 18 *(0.708")*	+120 +50	+75 +32	+34 +16	+43 +16	+24 +6	+49 +6	+8 0	+11 0	+18 0	+27 0	+43 0	+70 0	+110 0	+180 0
18 ≥ 30 *(1.181")*	+149 +65	+92 +40	+41 +20	+53 +20	+28 +7	+59 +7	+9 0	+13 0	+21 0	+33 0	+52 0	+84 0	+130 0	+210 0
30 ≥ 50 *(1.969")*	+180 +80	+112 +50	+50 +25	+64 +25	+34 +9	+71 +9	+11 0	+16 0	+25 0	+39 0	+62 0	+100 0	+160 0	+250 0
50 ≥ 65 *(2.559")*	+220 +100	+134 +60	+60 +30	+76 +30	+40 +10	–	+13 0	+19 0	+30 0	+46 0	+74 0	+120 0	+190 0	+300 0
65 ≥ 80 *(3.150")*														
80 ≥ 100 *(3.937")*	+260 +120	+159 +72	+71 +36	+90 +36	+47 +12	–	+15 0	+22 0	+35 0	+54 0	+87 0	+140 0	+220 0	+350 0
100 ≥ 120 *(4.724")*														
120 ≥ 140 *(5.512")*	+305 +145	+185 +85	+83 +43	+106 +43	+54 +14	–	+18 0	+25 0	+40 0	+63 0	+100 0	+160 0	+250 0	+400 0
140 ≥ 160 *(6.299")*														
160 ≥ 180 *(7.087")*														
180 ≥ 200 *(7.874")*	+355 +170	+215 +110	+96 +50	+122 +50	+61 +15	–	+20 0	+29 0	+46 0	+72 0	+115 0	+185 0	+290 0	+460 0
200 ≥ 225 *(8.858")*														
225 ≥ 250 *(9.843")*														
250 ≥ 280 *(11.0236")*	+400 +190	+240 +110	+108 +56	+137 +56	+69 +17	–	+23 0	+32 0	+52 0	+81 0	+130 0	210 0	+320 0	+520 0
280 ≥ 315 *(12.402")*														
315 ≥ 355 *(13.976")*	+440 +210	+265 +125	+119 +62	+151 +62	+75 +18	–	+25 0	+36 0	+57 0	+89 0	+140 0	+230 0	+360 0	+570 0
355 ≥ 400 *(15.748")*														

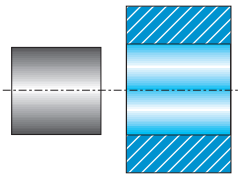
Tabella tolleranze ISO

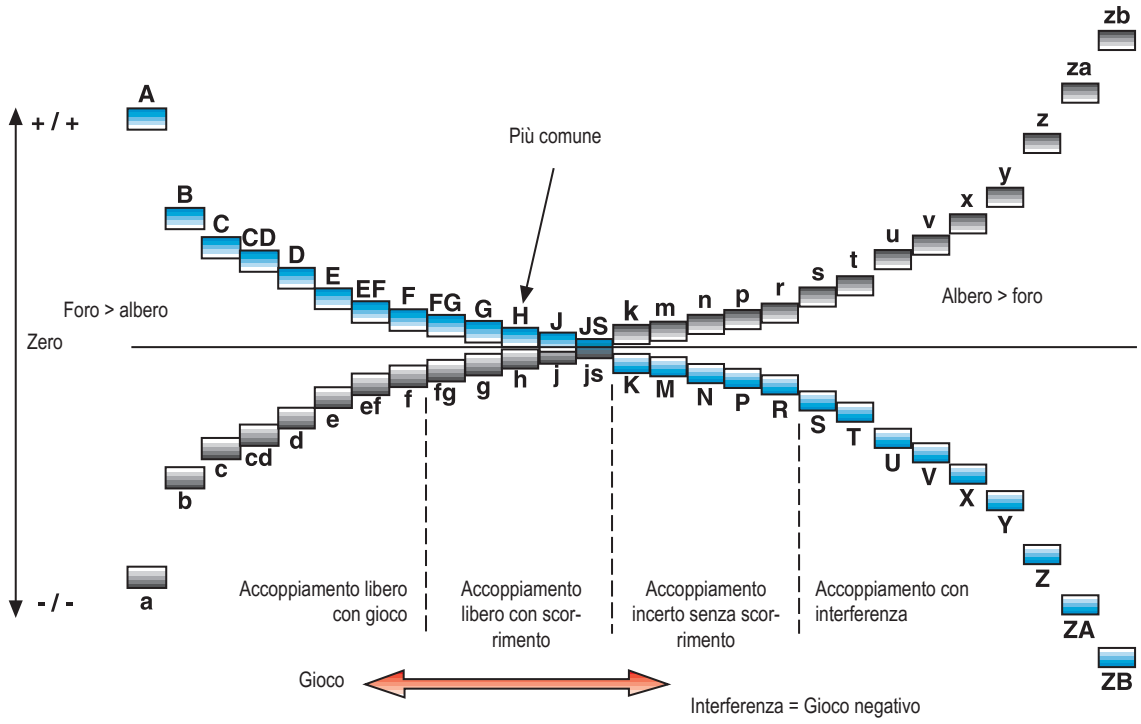
Tolleranze ISO per i fori (µm)												
Foro ∅ mm (inch)	**H13**	**JS7**	**JS9**	**K6**	**K7**	**M6**	**M7**	**N7**	**N9**	**P7**	**P9**	**R7**
≤ 3 *(0.118")*	+140 0	+/-5	+/-12,5	0 -6	0 -10	-2 -8	-2 -12	-4 -14	-4 -29	-6 -16	-6 -31	-10 -20
3 ≥ 6 *(0.236")*	+180 0	+/-6	+/-15	+2 -6	+3 -9	-1 -9	0 -12	-4 -16	0 -30	-8 -20	-12 -42	-11 -23
6 ≥ 10 *(0.394")*	+220 0	+/-7,5	+/-18	+2 -7	+5 -10	-3 -12	0 -15	-4 -19	0 -36	-9 -24	-15 -51	-13 -28
10 ≥ 18 *(0.708")*	+270 0	+/-9	+/-21,5	+2 -9	+6 -12	-4 -15	0 -18	-5 -23	0 -43	-11 -29	-18 -61	-16 -34
18 ≥ 30 *(1.181")*	+330 0	+/-10,5	+/-26	+2 -11	+6 -15	-4 -17	0 -21	-7 -28	0 -52	-14 -35	-22 -74	-20 -41
30 ≥ 50 *(1.969")*	+390 0	+/-12,5	+/-31	+3 -13	+7 -18	-4 -20	0 -25	-8 -33	0 -62	-17 -42	-26 -88	-25 -50
50 ≥ 65 *(2.559")*	+460 0	+/-15	+/-37	+4 -15	+9 -21	-5 -24	0 -30	-9 -39	0 -74	-21 -51	-32 -106	-30 -62
65 ≥ 80 *(3.150")*												
80 ≥ 100 *(3.937")*	+260 +120	+159 +72	+71 +36	+90 +36	+47 +12	–	+22 0	+35 0	+54 0	+87 0	+140 0	+350 0
100 ≥ 120 *(4.724")*												
120 ≥ 140 *(5.512")*	+305 +145	+185 +85	+83 +43	+106 +43	+54 +14	–	+25 0	+40 0	+63 0	+100 0	+160 0	+400 0
140 ≥ 160 *(6.299")*												
160 ≥ 180 *(7.087")*												
180 ≥ 200 *(7.874")*	+355 +170	+215 +110	+96 +50	+122 +50	+61 +15	–	+29 0	+46 0	+72 0	+115 0	+185 0	+460 0
200 ≥ 225 *(8.858")*												
225 ≥ 250 *(9.843")*												
250 ≥ 280 *(11.0236")*	+400 +190	+240 +110	+108 +56	+137 +56	+69 +17	–	+32 0	+52 0	+81 0	+130 0	210 0	+520 0
280 ≥ 315 *(12.402")*												
315 ≥ 355 *(13.976")*	+440 +210	+265 +125	+119 +62	+151 +62	+75 +18	–	+36 0	+57 0	+89 0	+140 0	+230 0	+570 0
355 ≥ 400 *(15.748")*												

Tolleranza standard ISO per foro ed albero – Tolleranze albero

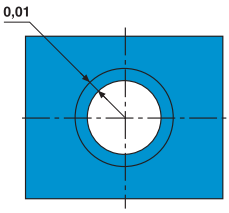
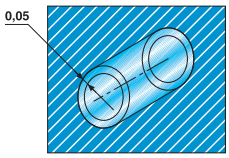
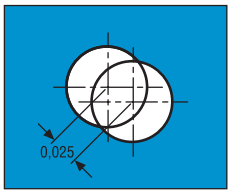
La posizione della tolleranza dell'albero è designata da **lettere minuscole**

La posizione della tolleranza del foro è designata da **LETTERE MAIUSCOLE**





Tolleranze geometriche

	Simbolo disegno	Area tolleranza
Circolarità	0,01 mm *(0.0004")*	
Cilindricità	0,05 mm *(0.0020")*	
Posizionamento	0,05 mm *(0.0020")*	



Acciai, acciai inossidabili ferritici e martensitici

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
P1	Acciai automatici	360 < R_m < 880	11 SMn30 R_m = 385 N/mm²	1500	0,14
P2	Acciai basso legati, C < 0,25% Acciai da costruzione saldabili basso legati	320 < R_m < 600	S235JRG2 R_m = 420 N/mm²	1600	0,23
P3	Acciai ferritici e ferritico-perlitici, C < 0,25% Acciai da costruzione saldabili Acciai da cementazione	430 < R_m < 610	16 MnCr 5 R_m = 550 N/mm²	1800	0,14
P4	Acciai da costruzione basso legati, 0,25% < C < 0,67% Acciai da bonifica basso legati	520 < R_m < 1200	C 45E R_m = 660 N/mm²	2000	0,15
P5	Acciai da costruzione, 0,25% < C < 0,67% Acciai da bonifica	550 < R_m < 1200	42 CrMo 4 R_m = 700 N/mm²	2020	0,18
P6	Acciai basso legati per tempra a cuore, C > 0,67% Acciai basso legati per molle e cuscinetti	520 < R_m < 1200	C 100S R_m = 600 N/mm²	2100	0,17
P7	Acciai per tempra a cuore, C > 0,67% Acciai per molle e cuscinetti	600 < R_m < 1200	100 Cr 6 R_m = 650 N/mm²	2160	0,17
P8	Acciai da utensili Acciai super-rapidi (HSS)	600 < R_m < 1200	X 40 CrMoV 5 1 R_m = 700 N/mm²	2400	0,20
P11	Acciai inossidabili ferritici e martensitici	415 < R_m < 1200	X 20 Cr 13 R_m = 675 N/mm²	2000	0,15
P12	Acciai inossidabili maraging e per indurimento per precipitazione	500 < R_m < 1200	X 5 CrNiCuNb 16 4 R_m = 1100 N/mm²	2100	0,17

Acciai inossidabili automatici, austenitici e duplex

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
M1	Acciai inossidabili austenitici automatici		X 10 CrNiS 18 9	1700	0,14
M2	Acciai inossidabili austenitici con contenuto di elementi in lega basso		X 5 CrNi 18 10	1920	0,18
M3	Acciai inossidabili austenitici con contenuto di elementi in lega medio		X 2 CrNiMo 18 14 3	2070	0,17
M4	Acciai inossidabili austenitici con contenuto di elementi in lega alto ed acciai inossidabili duplex		X 2 CrNiMoN 22 5 3	2230	0,16
M5	Acciai inossidabili austenitici con contenuto di elementi in lega alto ed acciai inossidabili duplex, di difficile lavorabilità		X 2 CrNiMoN 25 7 4	2510	0,13

Ghise

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
K1	Ghise grigie		EN-GJL-250	930	0,32
K2	Ghise a grafite compatta		EN-GJV-400	1000	0,35
K3	Ghise malleabili		EN-GJMB-550-4	1050	0,37
K4	Ghise sferoidali (nodulari)		EN-GJS-500-7	1160	0,37
K5	Ghise austemperate		EN-GJS-1000-5	0	
K6	Ghise austenitiche lamellari		EN-GJLA-XNiCuCr15-6-2	0	
K7	Ghise austenitiche sferoidali (nodulari)		EN-GJSA-XNiMn23-4	0	

Materiali non ferrosi

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
N1	Leghe di alluminio, Si < 9%		AW-7075	0	
N2	Leghe di alluminio, 9% < Si < 16%		AC-44200 Si = 12%	0	
N3	Leghe di alluminio, Si >16%		AlSi17Cu5	0	
N11	Leghe di rame		CW614N	740	0,26

Superleghe e titanio

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
S1	Superleghe a base ferro		Discalloy	0	
S2	Superleghe a base cobalto		Stellite 21	0	
S3	Superleghe a base nichel		Inconel 718	2530	0,21
S11	Titanio, basso legato, (α)		Ti	0	
S12	Titanio, medio legato, (α+β)		TiAl6V4	1500	0,24
S13	Titanio, alto legato, (“quasi β” e β)		Ti10V2Fe3Al	0	

Materiali ad elevata durezza

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
H3	Acciai induriti superficialmente	58 < HRC < 62	16 MnCr 5 60 HRC	2070	0,14
H5	Acciai bonificati	38 < HRC < 56	42 CrMo 4 50 HRC	2320	0,18
H7	Acciai bonificati Acciai per cuscinetti	56 < HRC < 64	100 Cr 6 60 HRC	2480	0,17
H8	Acciai da utensili Acciai super-rapidi (HSS)	38 < HRC < 64	X 40 CrMoV 5 1 50 HRC	2750	0,20
H11	Acciai inossidabili martensitici	38 < HRC < 50	X 20 Cr 13 45 HRC	2300	0,15
H12	Acciai inossidabili maraged ed induriti per precipitazione	1200 < R_m < 1650	X 5 CrNiCuNb 16 4 R_m = 1450 N/mm^2	2410	0,17
H21	Acciai al manganese	23 < HRC < 64	X 120 Mn 12 50 HRC	0	
H31	Ghise bianche	50 < HRC < 64	EN-GJN-HV600(XCr11) 55 HRC	0	

Altri materiali di difficile lavorabilità

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
PM1	Materiali da metallurgia delle polveri con contenuto di elementi in lega basso		F-0008 Fe-0.7C	0	
PM2	Materiali da metallurgia delle polveri con contenuto di elementi in lega medio		FLC-4608 Fe2Cu1.8Ni 0.5Mo0.2Mn0.8C	0	
PM3	Materiali da metallurgia delle polveri con contenuto di elementi in lega alto Materiali per sedi valvole di scarico			0	
HF1	Leghe per riporti duri Riporto di leghe a base ferro mediante saldatura o plasma			0	
HF2	Leghe per riporti duri Riporto di leghe a base cobalto o nichel mediante saldatura o plasma			0	
CC1	Metallo duro		G50	0	

Plastiche e materiali compositi

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
TS1	Polimeri termoindurenti		Urea formaldeide (UF)	0	
TS2	Compositi di resina termoindurente rinforzata con fibra di carbonio		T300 T700 T800 HTA-S IMA - Resina epossidica (M21)...	0	
TS3	Compositi di resina termoindurente rinforzata con fibra di vetro		Resina epossidica - HX..(42..)/ vetro E (7781...)...	0	
TS4	Compositi di resina termoindurente rinforzata con fibra aramidica		Kevlar 49	0	
TP1	Polimeri termoplastici		Policarbonato (PC)	0	
TP2	Compositi di resina termoplastica rinforzata con fibra di carbonio		PPS/PEEK - T300..	0	
TP3	Compositi di resina termoplastica rinforzata con fibra di vetro		PPS/PEEK - vetro E o A...	0	
TP4	Compositi di resina termoplastica rinforzata con fibra aramidica			0	

Grafite

SMG	Descrizione	Proprietà	Riferimento	$k_{c1.1}$	m_c
GR1	Grafite		R 8500	0	

Gruppo materiale Seco	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
	11 SMn 30	1.0715	1.0715	9 SMn 28	S 250	230 M 07	CF 9 SMn 28	SUM 22	1912	G12130
	11 SMnPb 30	1.0718	1.0718	9 SMnPb 28	S 250 Pb		CF 9 SMnPb 28	SUM 22 L	1914	G12134
	10 S 20	1.0721	1.0721	10 S 20	10 F 1	210 M 15	CF 10 S 20			
			1.0722	10 SPb 20	10 PbF 2		CF 10 SPb 20			
P1	15 SMn 13	1.0725	1.0723	15 S 20		210 A 15		SUM 32	1922	
	35 S20	1.0726	1.0726	35 S 20	35 MF 4	212 M 36			1957	G11400
	46 S20	1.0727	1.0727	46 S 20	45 MF 4	212 M 44			1973	G11460
	11 SMn 37	1.0736	1.0736	9 SMn 36	S 300	240 M 07	CF 9 SMn 36			G12150
	11 SMn 37	1.0736	1.0736	9 SMn 36	S 300	240 M 07	CF 9 SMn 36			G12150
	S235JR	1.0037	1.0037	St 37-2	E 24-2		Fe 360 B	STKM 12 C	1311	
	S235JRG2	1.0038	1.0116	St 37-3	E 24-3, E 24-4	4360-40 C	Fe 360 D FF		1312, 1313	
	S275J2G3	1.0144	1.0144	St 44-3 N	E 28-3, E 28-4	4360-43 C	Fe 430 D FF	SM 41 C	1412, 1414	
	C 10	1.0301	1.0301	C 10	34 C 10, XC 10	045 M 10	C 10	S 10 C		G10100
P2			1.0401	C 15	37 C 12, XC 18	080 M 15	C 15, C 16		1350	G10170
	C22	1.0402	1.0402	C 22	C 20	050 A 20	C 20, C 21		1450	G10200
	S355JR	1.0570	1.0570	St 52-3	E 36-3, E 36-4	4360-50 C	Fe 510 B	SM 50 YA	2172, 2132	
	C 15R	1.1141	1.1141	Ck 15	XC 15, XC 18	080 M 15	C 15, C 16	S 15 C, S 15 CK	1370	G10170
			1.1158	Ck 25	XC 25	060 A 25	C 25	S 25 C		G10250
			1.2162	21 MnCr 5	20 NC 5			SCR 420 H		
	16 Mo 3	1.5415	1.5415	15 Mo 3	15 D 3	1501-240	16 Mo 3		2912	
			1.5423	16 Mo 5		1503-245-420	16 Mo 5	SB 450 M		G45200
	14 NiCr 14	1.5752	1.5752	14 NiCr 14	12 NC 15	655 M 13		SNC 815 (H)		G33106
			1.5919	15 CrNi 6	16 NC 6	S 107	16 CrNi 4			
	18 NiCrMo 7 6	1.6587	1.6587	18 CrNiMo 7 6	18 NCD 6	820 A 16	18 NiCrMo 7			
P3	16 MnCr 5	1.7131	1.7131	16 MnCr 5	16 MC 5	527 M 17	16 MnCr 5	SCR 415	2511	G51170
	16 MnCrS 5	1.7139	1.7139	16 MnCrS 5						
	20 MnCr 5	1.7147	1.7147	20 MnCr 5	20 MC 5		20 MnCr 5	SMnC 420 (H)		G51200
	20 MnCrS 5	1.7149	1.7149	20 MnCrS 5	20 MnCrS 5			SMnC 21 H		
	13 CrMo 4 5	1.7335	1.7335	13 CrMo 4 4	15 CD 3.5	1501-620 Gr. 27	14 CrMo 4 5		2216	
			1.7337	16 CrMo 4 4	15 CD 4.5	1501-620 Gr. 27	14 CrMo 4 5		2216	
	10 CrMo 9 10	1.7380	1.7380	10 CrMo 9 10	10 CD 9.10	1501-622 Gr. 31	12 CrMo 9 10		2218	J21890
	C35		1.0501	C 35	55 C 35	060 A 35	C 35		1550	G10350
	E 335	1.0503	1.0503	C 45	65 C 45	80 M 46	C 45	S 45 C	1650	G10430
	C40		1.0511	C 40	60 C 40	080 M 40	C 40	S 40 C		
	E 360	1.0070	1.0535	St 70-2	A 70-2		Fe 690		1655	
	C60	1.0601	1.0601	C 60	CC 55	080 A 62	C 60			G10600
P4			1.1157	40 Mn 4	35 M 5	150 M 36				G10390
	G 28 Mn6	1.1165	1.1165	30 Mn 5		120 M 36		SMn 1 H, SCMn 2		G13300
	C 35E	1.1181	1.1181	Ck 35	XC 38 H1	080 M 36	C 35	S 35 C	1572	G10340
	C 45E	1.1191	1.1191	Ck 45	XC 42	080 M 46	C 45	S 45 C	1672	G10420
	C 60E	1.1221	1.1221	Ck 60	XC 60	080 A 62	C 60	S 58 C	1665, 1678	G10640
			1.1740	C 60 W	Y3 55			SK 7		
	55 SiCr7	1.7100	1.0904	55 Si 7	55 S 7	250 A 53	55 Si 8		2085, 2090	
			1.2330	35 CrMo 4	34 CD 4	708 A 37	35 CrMo 4		2234	T51620
			1.2542	45 WCrV 7		BS 1	45 WCrV 8 KU		2710	T41901
		1.2714	1.2714	56 NiCrMoV 7		BH 224-5	56 NiCrMoV7-KU	SKT 4		T61206
			1.5121	46 MnSi 4						
			1.5710	36 NiCr 6	35 NC 6	640 A 35		SNC 236		
			1.5736	36 NiCr 10	35 NC 11		35 NiCr 9	SNC 631 (H)		
	36 CrNiMo 4		1.6511	36 CrNiMo 4	40 NCD 3	816 M 40	38 NiCrMo 4 (KB)			G98400
P5	34 CrNiMo 6	1.6582	1.6582	34 CrNiMo 6	35 NCD 6	817 M 40	35 NiCrMo 6 (KW)	SNCM 447	2541	G43400
	34 Cr 4	1.7033	1.7033	34 Cr 4	32 C 4	530 A 32	34 Cr 4 (KB)	SCR 430 (H)		G51320
	41 Cr 4	1.7035	1.7035	41 Cr 4	42 C 4	530 M 40	41 Cr 4	SCR 440 (H)		G51400
	25 CrMo 4	1.7218	1.7218	25 CrMo 4	25 CD 4 S	708 M 25	25 CrMo 4 (KB)	SCM 425	2225	G41300
	42 CrMo 4	1.7225	1.7225	42 CrMo 4	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	2244	G41400
	42 CrMo 4	1.7225	1.7225	42 CrMo 4	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	2244	G41400
			1.7361	32 CrMo 12	30 CD 12	722 M 24	32 CrMo 12		2240	
	50 CrV 4	1.8159	1.8159	50 CrV 4	50 CV 4	735 A 50	51 CrV 4	SUP 10	2230	H61500
	41 CrAlMo 7 10	1.8509	1.8509	41 CrAlMo 7	40 CAD 6.12	905 M 39	41 CrAlMo 7	SACM 645	2940	K24065
	C 67S	1.1231	1.1231	Ck 67	XC 68	060 A 67	C 70		1770	G10700
	C 100S	1.1274	1.1274	Ck 101		060 A 96		SUP 4	1870	G10950
P6	C 105U	1.1545	1.1545	C 105 W1	Y1 105		C 100 KU		1880	
			1.1645	C 105 W2	Y1 105		C 100 KU	SK 3		
			1.1663	C 125 W	Y2 120		C 120 KU	SK 2		

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Marchi misti	Condizione	Struttura
	1213				Ricotto	
	12 L 13				Ricotto	
	1108				Ricotto	
	11 L 08				Ricotto	
					Ricotto	
	1140	40			Ricotto	
	1146				Ricotto	
	1215				Ricotto	
	12 L 14				Ricotto	
		16D			Ricotto	
	A573 Grade 58	18kp	11 378		Ricotto	
	A573 Grade 70	St14kP	11 448		Ricotto	
	1010	10			Ricotto	
F.1110	1015	15			Ricotto	
	1020, 1023	20	12 024		Ricotto	
		17G1S	11 523		Ricotto	
F.1511	1015	15			Ricotto	
F.1120	1025	25			Ricotto	
					Ricotto	
	A204 Grade A		15 020		Ricotto	
	4520				Ricotto	
	3310, 9314	20X2H4A	16 420		Ricotto	
	4320		16 220		Ricotto	
					Ricotto	
F.1516	5115	12KHN2	14 220		Ricotto	
		18HG			Ricotto	
	5120	20KH	14 221		Ricotto	
	5120 H	20KH			Ricotto	
	A182-F11, A182-F12	12KHM	15 121		Ricotto	
	A387 Grade 12 Cl. 2				Ricotto	
F.155	A182-F22	12KH8	15 313		Ricotto	
F.1130	1035	35	12 040		Ricotto	
F.5110	1045	45	12 050		Ricotto	
	1040	40	12 041		Ricotto	
F.1150	1055	55			Ricotto	
	1060	60	12 061		Ricotto	
	1039	40G			Ricotto	
	1330	30G2			Ricotto	
F.1135	1035	35			Ricotto	
F.1140	1045	45	12 050		Ricotto	
F.1150	1064	60			Ricotto	
	1060	60			Ricotto	
F.144	9255	55S2			Ricotto	
F.1250	4135	35KHM			Ricotto	
F.5241	S1	5KHV2S			Ricotto	
	L6	5KHNV			Ricotto	
	5045				Ricotto	
	3135				Bonificato	
	3435				Ricotto	
	9840				Bonificato	
F.1280	4340	38H2N2MA	16 343		Ricotto	
	5132	35KH			Bonificato	
	5140	40H	14 140		Bonificato	
F.1251	4130	20KHM	15 130		Bonificato	
F.1252	4142, 4140	38HM	15 142		Ricotto	
F.1252	4142, 4140	38HM	15 142		Bonificato	
					Bonificato	
F.143	6150	50KHFA	15 260		Bonificato	
F.1740	A355 Cl. A				Ricotto	
F.5103	1070	70			Ricotto	
F.5117	1095				Ricotto	
F.5118	W1	U10A			Ricotto	
		U10			Ricotto	
	W1	U13			Ricotto	

SMG	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
P7	107 CrV 3	1.2210	1.2210	115 CrV 3	100 C 3		107 CrV 3 KU			T61202
			1.2510	100 MnCrW 4	90 MWCV 5	BO 1	95 MnWCr 5 KU	SKS 3	2140	T31501
	90 MnCrV 8	1.2842	1.2842	90 MnCrV 8	90 MV 8	BO 2	90 MnVCr 8 KU			T31502
	100 Cr 6	1.3505	1.3505	100 Cr 6	100 C 6	534 A 99	100 Cr 6	SUJ 2	2258	G51986
P8	X 210 Cr 12	1.2080	1.2080	X 210 Cr 12	Z 200 C 12	BD 3	X 210 Cr 13 KU	SKD 1		T30403
			1.2343	X 38 CrMoV 5 1	Z 38 CDV 5	BH 11	X 37 CrMoV 5 1 KU	SKD 6		T20811
	X 40 CrMoV 5 1	1.2344	1.2344	X 40 CrMoV 5 1	Z 40 CDV 5	BH 13	X 40 CrMo 5 1 1 KU	SKD 61	2242	T20813
	X 100 CrMoV 5	1.2363	1.2363	X 100 CrMoV 5 1	Z 100 CDV 5	BA 2	X 100 CrMoV 5 1 KU	SKD 12	2260	T30102
			1.2365	X 32 CrMoV 3 3	32 DCV 28	BH 10	30 CrMoV 12 27 KU	SKD 7		T20810
			1.2436	X 210 CrW 12			X 215 CrW 12 1 KU	SKD 2	2312	
			1.2601	X 165 CrMoV 12			X 165 CrMoW 12 KU		2310	
			1.2713	55 NiCrMoV 6	55 NCDV 7			SKT 4		T61206
	HS 6-5-2-5	1.3243	1.3243	S 6-5-2-5	Z 85 WDKCV 06-05-05-04-02		HS 6-5-2-5	SKH 55	2723	
	HS 2-10-1-8	1.3247	1.3247	S 2-10-1-8	Z 110 DKCWV 09-08-04	BM 42	HS 2-9-1-8	SKH 51		T11342
	HS 18-1-2-5	1.3255	1.3255	S 18-1-2-5	Z 80 WKCV 18-05-04-01	BT 4	HS 18-1-1-5	SKH 3		T12004
	HS 6-5-2	1.3343	1.3343	S 6-5-2	Z 85 WDCV 06-05-04-02	BM 2	HS 6-5-2	SKH 9, SKH 51	2722	T11302
	HS 2-9-2	1.3348	1.3348	S 2-9-2	Z 100 DCWV 09-04-02-02		HS 2-9-2	SKH 58	2782	T11307
	HS 18-0-1	1.3355	1.3355	S 18-0-1	Z 80 WCV 18-04-01	BT 1	HS 18-0-1	SKH 2		T12001
P11	X 6 Cr 13	1.4000	1.4000	X 6 Cr 13	Z 6 C 12	403 S 17	X 6 Cr 13	SUS 403	2301	S41008
	X 12 Cr 13	1.4006	1.4006	X 10 Cr 13	Z 10 C 13	410 S 21	X 12 Cr 13	SUS 410	2302	S41000
	X 6 Cr 17	1.4016	1.4016	X 6 Cr 17	Z 8 C 17	430 S 15	X 8 Cr 17	SUS 430	2320	S43000
	X 20 Cr 13	1.4021	1.4021	X 20 Cr 13	Z 20 C 13	420 S 37	X 20 Cr 13	SUS 420 J 1	2303	S42000
	X 39 Cr 13	1.4031	1.4031	X 40 Cr 13	Z 40 C 14	420 S 45	X 40 Cr 14	SUS 420	2304	S40280
	X 70 CrMo 15	1.4109	1.4109	X 65 CrMo 14	Z 70 D 14			SUS 440 A		S44002
	X 90 CrMoV 18	1.4112	1.4112	X 90 CrMoV 18	Z 2 CND 18 05	409 S 19	X CrTi 12	SUS 440 B	2327	S44003
	X 105 CrMo 17	1.4125	1.4125	X 105 CrMo 17	Z 100 CD 17		X 105 CrMo 17	SUS 440 C		S44004
	X 3 CrNIMo 13 3	1.4313	1.4313	X 5 CrNi 13 4	Z 5 CN 13.4	425 C 11	X 6 CrNi 13 04	SCS 5	2385	S41500
	X 18 CrN 28	1.4749	1.4749	X 18 CrN 28	Z 18 C 25				2322	S44600
P12	X 6 NiCrTiMoV 25 15	1.4534	1.4534	X 3 CrNiMoAl 13 8 2						S13800
	X 4 CrNiCuNb 16 4	1.4540	1.4540	X 4 CrNiCuNb 16 4						S15500
		1.4540	1.4540	X 4 CrNiCuNb 16 4	Z 4 CNUNb 16.4 M					S15500
	X 4 CrNiCuNb 16 4	1.4540	1.4540	X 4 CrNiCuNb 16 4						S15500
	X 5 CrNiCuNb 16 4	1.4542	1.4542	X 5 CrNiCuNb 16 4				SUS 630		S17400
	X 5 CrNiCuNb 17 4	1.4548	1.4542	X 5 CrNiCuNb 17 4	Z 6 CNU 17.4			SCS 24, SUS 630		S17400
	X 7 CrNiAl 17 7	1.4564	1.4564	X 7 CrNiAl 17 7	Z 9 CAN 17.7	301 S 81	X 7 CrNiAl 17 7	SUS 631	2388	S17700
	X 2 NiCoMoTi 18 12 4	1.6356	1.6356	X 2 NiCoMoTi 18 12 4						K93160
	X 2 NiCoMoTi 18 9 5	1.6358	1.6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMo 18 9 5	1.6358	1.6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMo 18 8 5	1.6359	1.6359	X 2 NiCoMo 18 8 5		S 162				K92890
	X 2 NiCoMo 18 8 5	1.6359	1.6359	X 2 NiCoMo 18 8 5		S 162				K92890
M1	X 10 CrNiS 18 9	1.4305	1.4305	X 10 CrNiS 18 9	Z 10 CNF 18.09	303 S 31	X 10 CrNi 18 09	SUS 303	2346	S30300
M2	X 2 CrNi 19 11	1.4306	1.4306	X 2 CrNi 19 11	Z 2 CN 18.10	304 S 12	X 3 Cr Ni 18 11	SUS 304 L	2352	S30403
	X 5 CrNi 18 10	1.4301	1.4301	X 5 CrNi 18 10	Z 6 CN 18.09	304 S 31	X 5 CrNi 18 11	SUS 304	2333	S30400
	X 5 CrNiMo 17 12 2	1.4401	1.4401	X 5 CrNiMo 17 12 2	Z 3 CND 17.11.1	316 S 31	X 5 CrNiMo 17 12	SUS 316	2347	S31600
	X 6 CrNiNb 18 10	1.4550	1.4550	X 6 CrNiNb 18 10	Z 6 CNNb 18.10	347 S 31	X 6 CrNiNb 18 11	SUS 347	2338	S34700
	X 9 CrNi 18 8	1.4310	1.4310	X 12 CrNi 17 7	Z 12 CN 17.07	301 S 21	X 12 CrNi 17 07	SUS 301	(2331)	S30100
	X 12 CrNi 18 8	1.4300	1.4300	X 12 CrNi 18 8	Z 12 CN 18	302 S 25		SUS 302	2331	S30200
M3	X 2 CrNiMo 18 14 3	1.4435	1.4435	X 2 CrNiMo 18 14 3	Z 2 CND 17.13	316 S 12	X 2 CrNiMo 17 13 2	SCS 16, SUS 316 L	2353	S31603
	X 2 CrNiMoN 17 13 3	1.4429	1.4429	X 2 CrNiMoN 17 13 3	Z 2 CND 17.13 Az	316 S 62	X 2 CrNiMoN 17 13 3	SUS 316 LN	2375	S31653
	X 2 CrNiN 18 10	1.4311	1.4311	X 2 CrNiN 19 11	Z 2 CN 18 .10 Az	304 S 62	X 2 CrNiN 18 11	SUS 304 LN	2371	S30453
	X 3 CrNiMo 18 12 3	1.4466	1.4466	X 5 CrNi 18 15		317 S 16	X 5 CrNi 18 15	SUS 317	2366	S31700
	X 9 CrNiSiNCe 21 11 2	1.4835	1.4893	X 9 CrNiSiNCe 21 11 2		310 S 31			2368	S30815
	X 12 CrNi 25 21	1.4335	1.4335	X 12 CrNi 25 21	Z 12 CN 25.20	310 S 24	X 6 CrNi 26 20	SUH 310, SUS 310 S	2361	S31008
M4	X 2 CrNiMoN 22 5 3	1.4462	1.4462	X 2 CrNiMoN 22 5	Z 2 CND 22.05 Az	332 S 15	X 2 CrNiMoN 22 5		2377	S31803
	X 2 CrNiMoSi 19 5	1.4424	1.4417	X 2 CrNiMoSi 19 5	Z 2 CND 18.05.03				2376	S31500
	X 2 NiCrMoCu 25 20 5	1.4539	1.4539	X 2 NiCrMoCu 25 20 5	Z 2 NCDU 25 20	904 S 13			2562	N08904
	X 3 CrNiMo 27 5 2	1.4460	1.4460	X 4 CrNiMo 27 5 2	Z 3 CND 25.7 Az		X 3 CrNiMo 27 5 2	SUS 329 J 1	2324	S32900
	X 5 CrNiCuNb 16 4	1.4980	1.4943	X 4 NiCrTi 25 15	Z 6 NCTDV 25.15	HR 51		SUH 660	2570	S66286
M5	X 1 CrNiMoN 20 18 7	1.4547	1.4529	X 1 CrNiMoN 20 18 7	Z 1 CNDU 20.18.05 Az		X 1 CrNiMoN 20 18 7		2778	S31254
	X 1 CrNiMoN 25 22 8	1.4652	1.4652	X 2 CrNiMoN 25 22 7						S32654
	X 10 NiCrAlTi 32 20	1.4876	1.4876	X 10 NiCrAlTi 32 20	Z 10 NC 32.21			NCF 800		N08800
	X 2 CrNiMoN 25 7 4	1.4410	1.4410	X 2 CrNiMoN 25 7 4	Z 3 CND 25.07 Az		X 2 CrNiMoN 25 7 4		2328	S32750

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Marchi misti	Condizione	Struttura
F.520L	L2	11KHF			Ricotto	
F.5220	O1	9KHVG			Ricotto	
	O2	9G2F			Ricotto	
F.5230	52100	SHKH15	14 109		Ricotto	
F.5212	D3	KH12			Ricotto	
	H11	4KH5MFS			Ricotto	
F.5318	H13	4KH5MF1S			Ricotto	
F.5227	A2	9KH5VF			Ricotto	
	H10	3KH3M3F			Ricotto	
F.5213		KH12			Ricotto	
		KH12MF			Ricotto	
F.520.S	L6	5KHNM			Ricotto	
F.5613	M35	R6M5K5			Ricotto	
	M42	R2AM9K5			Ricotto	
	T4	R18K5F2			Ricotto	
F.5603	M2	R6M5			Ricotto	
	M7				Ricotto	
	T1	R18			Ricotto	
	403	08KH13			Ricotto	Ferritico
F.3401	410, CA-15	12KH13, 08KH13			Ricotto	Martensitico
F.3113	430	12KH17			Ricotto	Ferritico
F.5261	420	20KH13	17 022		Ricotto	Martensitico
F.3404	420	40KH13			Ricotto	Martensitico
	440 A				Ricotto	Martensitico
	440 B	95KH18			Ricotto	Martensitico
	440 C	95KH18			Ricotto	Martensitico
	A182 F6NM			F6NM	Ricotto	Martensitico
	446	15KH28			Ricotto	Ferritico
	XM-13			PH 13-8 Mo	Ricotto solubilizzato	Austenitico
	XM-12			15-5 PH	H1150	Martensitico
	XM-12			15-5 PH	Ricotto solubilizzato	Martensitico
	XM-12			15-5 PH	H1025	Martensitico
	SAE 630			17-4 PH	H1150	Martensitico
	630			17-4 PH	Ricotto solubilizzato	Martensitico
	631	09KH17N7YU1		17-7 PH	Ricotto solubilizzato	Austenitico/Ferritico
	AMS 6515			Marage 350	Ricotto solubilizzato	Martensitico
	AMS 6521			Marage 300	Ricotto solubilizzato	Martensitico
	AMS 6514			Marage 300, Vascomax C300	Ricotto solubilizzato	Martensitico
	AMS 6512			Marage 250	Ricotto solubilizzato	Martensitico
	AMS 6512			Marage 250, Vascomax C250	Ricotto solubilizzato	Martensitico
F.3508	303	12KH19N9			Ricotto	Austenitico
F.3504	304 L	03KH18N11			Ricotto	Austenitico
F.3504	304	08KH18N10	17 240		Ricotto	Austenitico
F.3534	316	08KH17H13M2T	17 346		Ricotto	Austenitico
F.3524	347	08KH18N12B			Ricotto	Austenitico
F.3517	301	07KH16N6			Ricotto	Austenitico
	302	12KH18N9			Ricotto	Austenitico
F.3533	(316 L)	03KH17N14M3	17 349		Ricotto	Austenitico
	316 LN	03KH16N15M3			Ricotto	Austenitico
F.3541	304 LN	03KH18N11			Ricotto	Austenitico
	317	08KH17H15M3T			Ricotto	Austenitico
				253 MA	Ricotto	Austenitico
	310 S	12KH25N20			Ricotto	Austenitico
	329 LN			SAF 2205	Ricotto	Duplex
				3RE60	Ricotto	Duplex
	904L				Ricotto	Super austenitico
	329				Ricotto	Duplex
	660			A286	Ricotto solubilizzato	Austenitico
				254 SMO	Ricotto	Super austenitico
				654 SMO	Ricotto	Super austenitico
				Alloy 800	Ricotto	Austenitico
	F 53			SAF 2507	Ricotto	Super duplex

SMG	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
K1	EN-GJL-150	0.6150	0.6150	GG-15	Ft 15 D	Grade 150	G15	FC 150	01 15-00	F11601
	EN-GJL-200	0.6200	0.6200	GG-20	Ft 20 D	Grade 220	G20	FC 200	01 20-00	F12101
	EN-GJL-250	0.6250	0.6250	GG-25	Ft 25 D	Grade 260	G25	FC 250	01 25-00	F12401
	EN-GJL-350	0.6350	0.6350	GG-35	Ft 35 D	Grade 350	G35	FC 350	01 35-00	F13502
	EN-GJL-215			GG-220 HB					02 19	
K2	EN-GJV-300			GJV-300						
	EN-GJV-350			GJV-350						
	EN-GJV-400			GJV-400						
	EN-GJV-450			GJV-450						
	EN-GJV-500			GJV-500						
K3	EN-GJMB-550-4	0.8155		GTS-55-04	P 540/5	P 540/5	P 55-04	PCMP55-04	08 54-00	F24130
K4	EN-GJS-350-22	0.7033	0.7033	GGG-35.3	FGS 370-17	Grade 350/22		FCD 350-22L	07 17-15	
	EN-GJS-400-15	0.7040	0.7040	GGG-40	FGS 400-12	Grade 420/12	GS 400-12	FCD 400-18L	07 17-02	F32800
	EN-GJS-400-18	0.7043	0.7043	GGG-40.3	FGS 370-17	Grade 370/17	GSO 42/17		07 17-12	F32800
	EN-GJS-500-7	0.7050	0.7050	GGG-50	FGS 500-7	Grade 500/7	GS 500-7	FCD 500-7	07 27-02	F33800
	EN-GJS-600-3	0.7060	0.7060	GGG-60	FGS 600-3	Grade 600/3	GS 600-3	FCD 600-3	07 32-03	F34100
	EN-GJS-700-2	0.7070	0.7070	GGG-70	FGS 700-2	Grade 700/2	GS 700-2	FCD 700-2	07 37-01	F34800
K5										ADI grade 5
	EN-GJS-1000-5			GJS-1000-5						ADI grade 2
	EN-GJS-1200-2			GJS-1200-2						ADI grade 3
	EN-GJS-1400-1			GJS-1400-1						ADI grade 4
	EN-GJS-800-8			GJS-800-8						ADI grade 1
K6	EN-GJLA-XNiCr 20-2	0.6660	0.6660	GGL-NiCr 20 2	FGL Ni20 Cr2	Grade F2			05 23-00	F41002
	EN-GJLA-XNiCr 30-3	0.6676	0.6676	GGL-NiCr 30 3	FGL Ni30 Cr3	Grade F3				F41004
	EN-GJLA-XNiCuCr 15-6-2	0.6655	0.6655	GGL-NiCuCr 15 6 2	FGL Ni15 Cu6 Cr2	Grade F1				F41000
K7	EN-GJSA-XNiMn 13-7	0.7652	0.7652	GGG-NiMn 13 7	FGS Ni13 Mn7	Grade S6			07 72-00	
	EN-GJSA-XNiCr 20-2	0.7660	0.7660	GGG-NiCr 20 2	FGS Ni20 Cr2	Grade S2				F43000
	EN-GJSA-XNiMn 23-4	0.7673	0.7673	GGG-NiMn 23 4	FGS Ni23 Mn4	Grade S2M				F43010
	EN-GJSA-XNiCr 30-3	0.7676	0.7676	GGG-NiCr 30 3	FGS Ni30 Cr3	Grade S3				F43003
	EN-GJSA-XNi 35	0.7683	0.7683	GGG-Ni 35	FGS Ni35					F43006
N1	AW-1050A	Al99.5	3.0255	Al99.5	A-5/1050A	1B		(A1050)	4007	AA1050A
	AW-2011	AlCuBiPb	3.1655	AlCuBiPb	A-U5PbBi/2011	FC1		A2011	4355	AA2011
	AW-2014	AlCuSiMn	3.1255	AlCuSiMn	A-U4SG/2014	H15			4338	AA2014
	AW-5005	AlMg1	3.3315	AlMg1	A-G0.6	N41			4106	AA5005
	AW-6060	AlMgSi0.5	3.3206	AlMgSi0.5	A-GS/6060	(H9)			4103	AA6060
	AW-6063	AlMgSi0.7	3.3210	AlMgSi0.7	A-GSUC/6061	(H10)		(A6063)	4104, 4107	AA6005
	AW-3103	AlMn1	3.0515	AlMn1		N3			4054	AA3103
	AW-3003	AlMn1Cu	3.0517	AlMn1Cu	A-M1/3003			A3003		AA3003
	AW-7020	AlZn4.5Mg1	3.4335	AlZn4.5Mg1	A-Z5G/7020	H17			4425	AA7020
	AW-7075		3.4365	AlZnMgCu1.5	A-Z5GU/7075	2L95/2L96		A7075		AA7075
	AC-42000		3.2341	G-AlSi5Mg	A-S7G	LM25	3599	AC 4C	4244	
	AC-46200	AlSi8Cu3(Si)	3.2161	G-AlSi8Cu3					4251	A13800
	MG-P-63	MgAl6Zn	3.5612	G-MgAl6Zn	G-A6-Z1	MAG-E-121				M11600
	MG-P-61	MgAl8Zn	3.5812	G-MgAl8Zn	(G-A7-Z1)					
	MN65120	MgSe3Zn2Zr1	3.5103	G-MgSe3Zn2Zr1	ZRE1	MAG6-TE				M12330
N2	AC-43400	AlSi10Mg(Fe)	3.2381	G-AlSi10Mg	A-S10G	LM9			4253	A13600
	AC-44200	AlSi12	3.2382	GD-AlSi12						
	AW-6082	AlMgSi1	3.2315	AlMgSi1	A-SGM0.7/6082	H30			4212	AA6082
N3		AlSi17Cu5						ADC14		
N11	CC331G		2.0940.01	CuAl10Fe	CuAl10Fe	AB1			5710	C95200
	CC333G		2.0975.01	CuAl10Ni	CuAl10Ni5Fe5	AB2			5716	C95500
		CuNi10Fe1Mn	2.0872	CuNi10Fe1Mn	CuNi10Fe1Mn	CN102			5667	C70600
				CuNi10Zn45						
		CW408J	2.0790	CuNi18Zn19Pb	CuNi18Zn19Pb1					C76300
	CW352H		2.1176	CuPb10Sn	CuSn10Pb10	LB2			5640	C93700
	CC480K		2.1050.01	CuSn10	CuSn10	CT1			5443	C90700
			2.1087	CuSn10Zn					5458	C90500
	CW452K	CuSn6	2.1020	CuSn6	CuSn6	PB103		C5191	5428	C51900
	CW502L	CuZn15	2.0240	CuZn15	CuZn15	CZ102		C2300	5112	C23000
	CW706R	CuZn28Sn1	2.0470	CuZn28Sn1	CuZn29Sn1				5220	C44300
	CW508L	CuZn37	2.0321	CuZn37	CuZn37	CZ108			5150	C27200
	CW717R	CuZn38Sn1	2.0530	CuZn38Sn1						C46400
	CW614N	CuZn39Pb3	2.0401	CuZn39Pb3	CuZn39Pb3	CZ121			5170	C38500
	CW612N	CuZn40Pb2	2.0402	CuZn40Pb2	CuZn39Pb2	CZ120			5168	C37800
	CW622N	CuZn44Pb2	2.0410	CuZn44Pb2		CZ104			5272	C68700

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Marchi misti	Condizione	Struttura
	A48 25 B	Sc 15	422 415			Ghisa grigia
	A48 30 B	Sc 20	422 420			Ghisa grigia
	A48 35 B	Sc 25	422 425			Ghisa grigia
	A48 50 B	Sc 35				Ghisa grigia
	G 3500					Ghisa grigia
	Grade 350					Ghisa a grafite compatta
	Grade 400					Ghisa a grafite compatta
	Grade 400-15					Ghisa a grafite compatta
	Grade 450					Ghisa a grafite compatta
	Grade 500					Ghisa a grafite compatta
	A220 60004				Rinvenuto	Ghisa malleabile
						Ghisa sferoidale (nodulare)
FGE 38-17	60-40-18	Vc 42-12	422 304			Ghisa sferoidale (nodulare)
	60-40-18	Vc 42-12				Ghisa sferoidale (nodulare)
FGE 50-7	A536, 80-55-06	Vc 50-2	422 305			Ghisa sferoidale (nodulare)
FGE 60-2	A476, 80-60-03	Vc 60-2	422 306			Ghisa sferoidale (nodulare)
FGE 70-2	A536, 100-70-03	Vc 70-2				Ghisa sferoidale (nodulare)
	1600/1300/-					Ghisa austemperata
	1050/700/7					Ghisa austemperata
	1200/850/4					Ghisa austemperata
	1400/1100/1					Ghisa austemperata
	850/550/10					Ghisa austemperata
	A436 Type 2			Ni-Resist 2		Ghisa austenitica lamellare
	A436 Type 3			Ni-Resist 3		Ghisa austenitica lamellare
	A436 Type 1			Ni-Resist 1		Ghisa austenitica lamellare
				Nodumag		Ghisa austenitica sferoidale (nodulare)
	A436 Type D-2			Ni-Resist D-2		Ghisa austenitica sferoidale (nodulare)
	A439 Type D-2M			Ni-Resist D-2M		Ghisa austenitica sferoidale (nodulare)
	A436 Type D-3			Ni-Resist D-3		Ghisa austenitica sferoidale (nodulare)
	A439 Type D-5			Ni-Resist D-5		Ghisa austenitica sferoidale (nodulare)
	B26					
	A380					
	AZ61A					
	AZ80A					
	AMS 4442					
	B85					
	A413.2					
	B390.0					
	CA952	BrA9ZH3L				
	CA955	BrA10ZH4N4L				
	CA937					
		BrOF6.5-0.15				
		L90				
		LOMsh70-1-0.05				
		LO60-1				
		LAMsh77-2-0.05				

SMG	EN	EN-Nr	W.-Nr	DIN	AFNOR	BS	UNI	JIS	SS	UNS
S1										
S2										
S3	NiMo30		2.4810							N10002
	NiMo16Cr15W		2.4819							N10276
	NiCr19Fe19Nb5Mo3		2.4668							N07718
			2.4669							N07750
	NiCr20TiAl		2.4631							N07080
	NiCr19Co18Mo4Ti3Al3									N07500
	NiCr20Co13Mo4Ti3Al		2.4654							N07001
S11			3.7024							
										R54620
S12										R56320
	TiAl6V4		3.7164							R56400
S13				TiV10Fe2Al3						
H3	16 MnCr 5	1.7131	1.7131	16 MnCr 5	16 MC 5	527 M 17	16 MnCr 5	SCR 415	2511	G51170
H5	C 67S	1.1231	1.1231	Ck 67	XC 68	060 A 67	C 70		1770	G10700
	C 75S	1.1248	1.1248	Ck 75	XC 75	060 A 78	C 75		1774, 1778	G10780
	C 100S	1.1274	1.1274	Ck 101		060 A 96		SUP 4	1870	G10950
	C 105U	1.1545	1.1545	C 105 W1	Y1 105		C 100 KU		1880	
			1.2550	60 WCrV 7	55 WC 20		55 WCrV 8 KU			
	55 Cr 3	1.7176	1.7176	55 Cr 3	55 C 3	527 A 60	55 Cr 3	SUP 9 (A)	2253	G51550
	42 CrMo 4	1.7225	1.7225	42 CrMo 4	42 CD 4	708 M 40	42 CrMo 4	SCM 440 (H)	2244	G41400
H7	107 CrV 3	1.2210	1.2210	115 CrV 3	100 C 3		107 CrV 3 KU			T61202
			1.2510	100 MnCrW 4	90 MWCV 5	BO 1	95 MnWCr 5 KU	SKS 3	2140	T31501
	90 MnCrV 8	1.2842	1.2842	90 MnCrV 8	90 MV 8	BO 2	90 MnVCr 8 KU			T31502
	100 Cr 6	1.3505	1.3505	100 Cr 6	100 C 6	534 A 99	100 Cr 6	SUJ 2	2258	G51986
H8	X 40 CrMoV 5 1	1.2344	1.2344	X 40 CrMoV 5 1	Z 40 CDV 5	BH 13	X 40 CrMo 5 1 1 KU	SKD 61	2242	T20813
	X 100 CrMoV 5	1.2363	1.2363	X 100 CrMoV 5 1	Z 100 CDV 5	BA 2	X 100 CrMoV 5 1 KU	SKD 12	2260	T30102
	X 155 CrVMo 12 1		1.2379	X 155 CrVMo 12 1	Z 160 CDV 12	BD 2	X 155 CrVMo 12 1 KU	SKD 11		T30402
			1.2436	X 210 CrW 12			X 215 CrW 12 1 KU	SKD 2	2312	
			1.2601	X 165 CrMoV 12			X 165 CrMoW 12 KU		2310	
			1.2713	55 NiCrMoV 6	55 NCDV 7			SKT 4		T61206
	HS 6-5-2-5	1.3243	1.3243	S 6-5-2-5	Z 85 WDKCV 06-05-05-04-02		HS 6-5-2-5	SKH 55	2723	
	HS 2-10-1-8	1.3247	1.3247	S 2-10-1-8	Z 110 DKCWV 09-08-	BM 42	HS 2-9-1-8	SKH 51		T11342
	HS 18-0-1	1.3355	1.3355	S 18-0-1	Z 80 WCV 18-04-01	BT 1	HS 18-0-1	SKH 2		T12001
H11	X 20 Cr 13	1.4021	1.4021	X 20 Cr 13	Z 20 C 13	420 S 37	X 20 Cr 13	SUS 420 J 1	2303	S42000
	X 70 CrMo 15	1.4109	1.4109	X 65 CrMo 14	Z 70 D 14			SUS 440 A		S44002
	X 90 CrMoV 18	1.4112	1.4112	X 90 CrMoV 18	Z 2 CND 18 05	409 S 19	X CrTi 12	SUS 440 B	2327	S44003
	X 105 CrMo 17	1.4125	1.4125	X 105 CrMo 17	Z 100 CD 17		X 105 CrMo 17	SUS 440 C		S44004
H12	X 4 CrNiCuNb 16 4	1.4540	1.4540	X 4 CrNiCuNb 16 4						S15500
	X 5 CrNiCuNb 16 4	1.4542	1.4542	X 5 CrNiCuNb 16 4				SUS 630		S17400
	X 5 CrNiCuNb 16 4	1.4542	1.4542	X 5 CrNiCuNb 16 4				SUS 630		S17400
	X 7 CrNiAl 17 7	1.4568	1.4568	X 7 CrNiAl 17 7	Z 9 CAN 17.7	301 S 81	X 7 CrNiAl 17 7	SUS 631	2388	S17700
	X 8 CrNiMoAl 15 7 5	1.4574	1.4574	X 8 CrNiMoAl 15 7 5						S15700
	X 6 NiCrTiMoV 25 15	1.4980	1.4943	X 4 NiCrTi 25 15	Z 6 NCTDV 25.15	HR 51		SUH 660	2570	S66286
	X 2 NiCoMo 18 8 5	1.6359	1.6359	X 2 NiCoMo 18 8 5		S 162				K92890
	X 2 NiCoMoTi 18 9 5	1.6358	1.6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMoTi 18 9 5	1.6358	1.6358	X 2 NiCoMoTi 18 9 5	Z 2 NKD 19-09					K93120
	X 2 NiCoMoTi 18 12 4	1.6356	1.6356	X 2 NiCoMoTi 18 12 4						K93160
H21	X 120 Mn 12	1.3401	1.3401	X 120 Mn 12	Z 120 M 12	BW 10		SC MnH 1	2183	
H31	EN-GJN-HV520	0.9620	0.9620	G-X330 NiCr 4 2	FB Ni4 Cr2 BC	Grade 2 A			05 12-00	F45001
	EN-GJN-HV550	0.9625	0.9625	G-X260 NiCr 4 2	FB Ni4 Cr2 HC	Grade 2 B			05 13-00	F45000
	EN-GJN-HV600(XCr11)	0.9630	0.9630	G-X300 CrNiSi 9 5 2	FB Cr9 Ni5	Grade 2 C, D, E			04 57-00	F45003

U.N.E./ I.H.A.	AISI / ASTM	GOST	ČSN	Marchi misti	Condizione	Struttura
				Discalloy	Indurito per precipitazione	
				Haynes 25		
				Stellite 21		
				Hastelloy C		
		KHN65MV		Hastelloy C-276		
				IN 100		
				Inconel 718		
				Inconel X-750	Ricotto solubilizzato	
				Nimonic 80A		
				René 41		
				Udimet 500		
				Waspalloy		
				Ti	Commercialmente puro	Ti (α)
	AMS 4919			Ti 6-2-4-2	Ricotto	Ti (α)
	AMS 4943			Ti 3Al-2.5V (grd 9)	Ricotto	Ti (α+β)
	AMS 4920, Grade 5	VT6		Ti 6Al-4V	Ricotto	Ti (α+β)
	AMS 4986			Ti 10V-2Fe-3Al	Ricotto	Ti (β)
F.1516	5115	12KHN2	14 220		Indurito superficialmente	
F.5103	1070	70			Bonificato	
F.5107	1078, 1080	75			Bonificato	
F.5117	1095				Bonificato	
F.5118	W1	U10A			Bonificato	
	S1	5KHV2SF			Bonificato	
	5155				Bonificato	
F.1252	4142, 4140	38HM	15 142		Bonificato	
F.520L	L2	11KHF			Bonificato	
F.5220	O1	9KHVG			Bonificato	
	O2	9G2F			Bonificato	
F.5230	52100	SHKH15	14 109		Bonificato	
F.5318	H13	4KH5MF1S			Bonificato	
F.5227	A2	9KH5VF			Bonificato	
F.5211	D2	KH12MF			Bonificato	
F.5213		KH12			Bonificato	
		KH12MF			Bonificato	
F.520.S	L6	5KHNM			Bonificato	
F.5613	M35	R6M5K5			Bonificato	
	M42	R2AM9K5			Bonificato	
	T1	R18			Bonificato	
F.5261	420	20KH13	17 022		Bonificato	Martensitico
	440 A				Bonificato	Martensitico
	440 B	95KH18			Bonificato	Martensitico
	440 C	95KH18			Bonificato	Martensitico
	XM-12			15-5 PH	H900	Martensitico
	SAE 630			17-4 PH	H1025	Martensitico
	SAE 630			17-4 PH	H900	Martensitico
	AMS 5528	09KH17N7YU1		17-7 PH	TH1050	Martensitico
	632			PH 15-7 Mo	TH1050	Martensitico
	660			A286	Indurito per precipitazione	Austenitico
	AMS 6512			Marage 250	Indurito per precipitazione	Martensitico
	AMS 6521			Marage 300	Indurito per precipitazione	Martensitico
	AMS 6521			Marage 300	Indurito per precipitazione	Martensitico
	AMS 6515			Marage 350	Indurito per precipitazione	Martensitico
	A128 Grade A			Hadfield		
	A532 IB (NiCr-LC)			Ni-Hard 2		Ghisa bianca
	A532 IA (NiCr-HC)			Ni-Hard 1		Ghisa bianca
	A532 ID (Ni-HiCr)			Ni-Hard 4		Ghisa bianca

Inserti in metallo duro ed utensili ad inserti

Gli inserti in metallo duro ed i relativi corpi utensile Seco Tools non rientrano nelle categorie prodotto sottocitate. Seco Tools rilascia pertanto la seguente dichiarazione.
Questi prodotti soddisfano tutti i requisiti delle normative RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) ed ELV (End of Life Vehicles).
All'interno del prodotto non sono presenti mercurio, piombo, cromo esavalente, cadmio, CFC, HCFC, ritardanti di fiamma o solventi in concentrazioni maggiori dei livelli di specifica.

Riaffilatura:
Operazioni di rettifica a secco o ad umido possono generare polveri o vapori potenzialmente tossici che possono irritare pelle, occhi, naso, gola e in caso di esposizione prolungata provocare gravi danni alla salute. Per evitare intossicazioni utilizzare appropriate precauzioni ed avvalersi dei dispositivi di protezione individuale.

Smaltimento:
Seco Tools offre la possibilità di acquistare inserti ed utensili in metallo duro usurati da destinare a riciclo. Gli inserti e gli utensili in metallo duro integrale dovranno essere separati dal comune rifiuto metallico (acciaio, alluminio, rame, ecc.).
Il materiale di confezionamento è interamente riciclabile.

Inserti in CBN e PCD

Gli inserti Seco Tools non rientrano nelle categorie prodotto sottocitate. Seco Tools rilascia pertanto la seguente dichiarazione.
Questo prodotto soddisfa tutti i requisiti delle normative RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) ed ELV (End of Life Vehicles).
All'interno del prodotto non sono presenti mercurio, piombo, cromo esavalente, cadmio, CFC, HCFC, ritardanti di fiamma o solventi in concentrazioni maggiori dei livelli di specifica.

Riaffilatura:
Operazioni di rettifica a secco o ad umido possono generare polveri o vapori potenzialmente tossici che possono irritare pelle, occhi, naso, gola e in caso di esposizione prolungata provocare gravi danni alla salute. Per evitare intossicazioni utilizzare appropriate precauzioni ed avvalersi dei dispositivi di protezione individuale.

Smaltimento:
Seco Tools offre la possibilità di acquistare inserti con riporto in CBN o PCD da destinare a riciclo. Gli inserti dovranno essere separati dal comune rifiuto metallico (acciaio, alluminio, rame, ecc.). Inserti in CBN integrale possono essere smaltiti presso una discarica.
Il materiale di confezionamento è interamente riciclabile.

Corpi utensile bruniti

I corpi utensile Seco Tools non rientrano nelle categorie prodotto sottocitate. Seco Tools rilascia pertanto la seguente dichiarazione.
Questo prodotto soddisfa tutti i requisiti delle normative RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) ed ELV (End of Life Vehicles).
All'interno del prodotto non sono presenti mercurio, piombo, cromo esavalente, cadmio, CFC, HCFC, ritardanti di fiamma o solventi in concentrazioni maggiori dei livelli di specifica.

Disposal:
I corpi utensile possono essere destinati a riciclo come ordinario rifiuto metallico (sfridi e trucioli metallici).
Il materiale di confezionamento è interamente riciclabile.

Inserti in cermet

Gli inserti Seco Tools non rientrano nelle categorie prodotto sottocitate. Seco Tools rilascia pertanto la seguente dichiarazione.
Questo prodotto soddisfa tutti i requisiti delle normative RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) ed ELV (End of Life Vehicles).
Gli inserti in cermet qualità C15M contengono nichel e potrebbe verificarsi trasmissione di nichel per contatto con la pelle. La quantità di nichel risulta più elevata rispetto le specifiche del test di riferimento della norma SS-EN 1811, che si riferisce al rilascio di nichel per prodotti che vengono a contatto diretto e prolungato con la pelle. Queste norme sono intese per prodotti che hanno un contatto diretto e prolungato con la pelle, pertanto non sono applicabili in modo diretto ad inserti in cermet. Persone che presentano note reazioni allergiche al nichel sono invitate ad indossare guanti protettivi durante la manipolazione di inserti in cermet.

Riaffilatura:
Operazioni di rettifica a secco o ad umido possono generare polveri o vapori potenzialmente tossici che possono irritare pelle, occhi, naso, gola e in caso di esposizione prolungata provocare gravi danni alla salute. Per evitare intossicazioni utilizzare appropriate precauzioni ed avvalersi dei dispositivi di protezione individuale.

Smaltimento:
Gli inserti usati possono essere riciclati. Gli inserti dovranno essere separati dal comune rifiuto metallico (acciaio, alluminio, rame, ecc.), compresi inserti in metallo duro.
Il materiale di confezionamento è interamente riciclabile.

Corpi utensile con rivestimento al nichel

I corpi utensile Seco Tools non rientrano nelle categorie prodotto sottocitate. Seco Tools rilascia pertanto la seguente dichiarazione.
Questo prodotto soddisfa tutti i requisiti delle normative RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment), WEEE (Waste Electrical & Electronic Equipment) ed ELV (End of Life Vehicles).
All'interno del prodotto non sono presenti mercurio, piombo, cromo esavalente, cadmio, CFC, HCFC, ritardanti di fiamma o solventi in concentrazioni maggiori dei livelli di specifica.
I corpi utensile contengono nichel e ci potrebbe essere trasmissione di nichel per contatto con la pelle. La quantità di nichel non è più elevata rispetto alle specifiche del test di riferimento della norma SS-EN 1811 che si riferisce al rilascio di nichel per prodotti che vengono a contatto diretto e prolungato con la pelle.
Queste norme sono intese per prodotti che hanno un contatto diretto e prolungato con la pelle e pertanto non sono applicabili in modo diretto ai corpi utensile. Persone che presentano note reazioni allergiche al nichel sono invitate ad indossare guanti protettivi durante la manipolazione dei corpi utensile.

Smaltimento
I corpi utensile possono essere destinati a riciclo come ordinario rifiuto metallico (sfridi e trucioli metallici).
Il materiale di confezionamento è interamente riciclabile.

Elementi leganti aggiunti intenzionalmente

Qualità	Metallo duro											Rivestimento						
	W	Ti	Ta	Nb	Co	Cr	Ni	Mo	C	N	Ru	Ti	Al	C	N	O	Si	Nb
CP20	■				■				■			■			■			
CP200	■				■	■			■			■	■		■			
CP300	■	■	■	■	■				■			■	■		■			
CP500	■				■	■			■			■	■		■			
CP600	■				■	■			■			■	■		■			
C15M	■	■	■	■	■		■	■	■	■								
CF	■		■		■		■	■	■									
CM	■		■		■		■	■	■									
DP2000	■		■	■	■				■			■	■	■	■	■		
DP2501	■	■	■	■	■				■	■		■	■	■	■	■		
DP3000	■	■	■	■	■				■	■		■	■	■	■	■		
DS2050	■				■	■			■			■	■		■			■
DS4050	■				■	■			■			■	■		■			■
F15M	■				■	■			■			■	■		■			
F25M	■	■	■	■	■				■			■	■		■			
F30M	■				■	■			■			■	■		■			
F40M	■				■	■			■			■	■		■			
HX	■		■		■				■									
H02	■		■		■	■			■									
H15	■				■	■			■									
H25	■				■	■			■									
KX	■				■	■			■									
MH1000	■				■	■			■			■	■		■			
MK1500	■		■		■				■			■	■	■	■	■		
MK2050	■		■		■	■			■			■	■		■		■	
MM4500	■				■	■			■			■	■	■	■	■		
MP1501	■		■	■	■				■			■	■	■	■	■		
MP2050	■				■						■	■	■		■		■	
MP2501	■		■	■	■				■			■	■	■	■	■		
MP3000	■				■	■			■			■	■		■			
MP3501	■		■	■	■				■			■	■	■	■	■		
MS2500	■		■	■	■				■			■	■	■	■	■		
MS2050	■				■	■			■			■	■		■			■
RX1500	■		■		■		■	■	■			■	■		■			
RX2000	■		■		■	■			■			■	■		■			
RM2020	■				■				■			■						
RM2090	■				■	■			■			■	■				■	
RN2010	■				■	■			■									
RS2090	■				■	■			■			■	■				■	
T350M	■		■	■	■				■			■	■	■	■	■		
T25M	■		■	■	■				■			■		■	■			
TGH1050	■				■	■			■			■	■		■		■	
TGK1500	■		■		■				■			■	■	■	■	■		
TGP25	■	■	■	■	■				■			■	■	■	■	■		
TGP35	■		■	■	■				■			■	■	■	■	■		
TGP45	■		■	■	■				■			■	■	■	■	■		
TGS2050	■				■	■			■			■	■		■		■	
TH1000	■				■	■			■			■	■		■		■	
TH1500	■				■	■			■			■	■	■	■	■		
TK0501	■				■	■			■			■	■	■	■	■		
TK1501	■		■		■	■			■			■	■	■	■	■		
TM1501	■	■	■	■	■	■			■	■		■	■	■	■	■		
TM2000	■	■	■	■	■				■	■		■	■	■	■	■		
TM2501	■	■	■	■	■				■	■		■	■	■	■	■		
TM3501	■				■				■			■	■	■	■	■		
TM4000	■	■	■	■	■				■	■		■	■	■	■	■		
TP0501	■	■	■	■	■	■			■			■	■	■	■	■		

Qualità	Metallo duro											Rivestimento						
	W	Ti	Ta	Nb	Co	Cr	Ni	Mo	C	N	Ru	Ti	Al	C	N	O	Si	Nb
TP1020	■	■	■	■	■				■	■								
TP1030	■	■	■	■	■				■	■		■	■		■		■	
TP1501	■	■	■	■	■				■	■		■	■	■	■	■		
TP25	■	■	■	■	■	■			■	■		■	■	■	■	■		
TP200	■	■	■	■	■				■	■		■	■	■	■	■		
TP2501	■	■	■	■	■	■			■	■		■	■	■	■	■		
TP3501	■	■	■	■	■				■	■		■	■	■	■	■		
TP40	■		■	■	■				■			■		■	■			
TS2000	■				■	■			■			■	■		■			
TS2050	■				■	■			■			■	■		■		■	
TS2500	■		■		■				■			■	■		■			
TTP2050	■				■	■			■			■	■		■		■	
T250D	■				■	■			■			■	■		■			
T400D	■				■	■			■			■	■		■			
T100R	■		■		■	■			■			■	■		■			
T60M	■	■	■	■	■				■			■	■		■			
883	■		■		■				■									
890	■				■	■			■									

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