

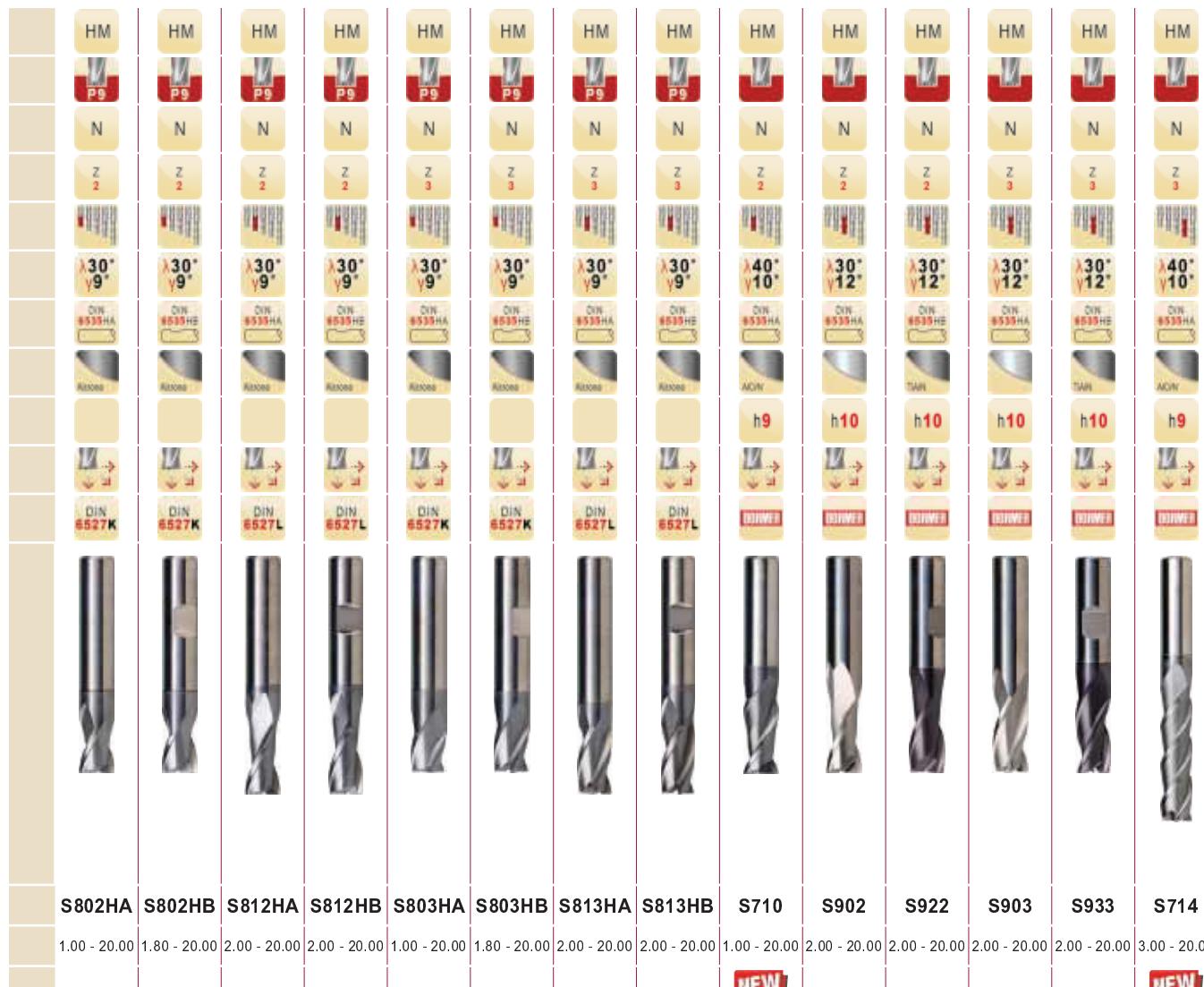
C110	404	C346	417	C800	439	D200	452
C122	416	C352	412	C801	442	D400	461
C123	406	C353	409	C810	440	D402	462
C126	404	C358	414	C820	444	D420	461
C135	408	C359	425	C822	443	D422	462
C139	406	C365	426	C825	441	D745	454
C159	413	C367	411	C830	448	D747	456
C166	424	C400	434	C831	449	D750	460
C167	415	C403	435	C835	447	D751	460
C169	413	C407	431	C837	446	D752	459
C246	420	C413	434	C903	419	D753	459
C247	420	C428	429	C907	418	D763	452
C273	422	C429	435	C908	431		
C295	422	C492	430	C920	419		
C299	418	C500	436	C921	433		
C305	412	C503	436	C922	428		
C306	409	C505	437	C944	432		
C324	427	C511	438	C948	432		
C333	425	C700	451				
C336	414	C710	450				

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S216	372	S524	383	S714	362	S804HB	368
S217	374	S525	378	S715	363	S812HA	356
S218	375	S526	379	S717	374	S812HB	356
S219	369	S527	380	S718	375	S813HA	358
S225	378	S529	394	S739	402	S813HB	358
S226	379	S531	395	S740	402	S814HA	370
S227	380	S533	396	S741	402	S814HB	370
S229	391	S534	398	S761	376	S902	360
S231	392	S535	399	S763	386	S903	361
S233	393	S536	390	S765	381	S904	373
S260	376	S610	366	S766	377	S922	360
S262	387	S611	367	S767	389	S933	361
S264	382	S612	371	S802HA	355	S944	373
S501	397	S629	401	S802HB	355	S991	403
S511	400	S637	364	S803HA	357		
S521	384	S638	365	S803HB	357		
S523	385	S710	359	S804HA	368		

Material	Raaka-aine	Materiale	Materiale
Användningsområde	Käyttöalue	Andvendelsesområde	Andvendelsesområde
Utförande	Malli	Utførelse	Type
tänder (z)	hammasluku	tenner	tænder
Skärlängd	Lastuamispituus	Skjærelengde	Skære længde
Spiralvinkel/Spånvinkel	Kierukka-/rintakulma	Spiralvinkel/Sponvinkel	Spiral vinkel
Skaft	Varsi	Skaft	Skaft
Ytbehandling	Pinnoitteet	Overflatebehandling	Overfladebehandling
Toleranser	Toleranssit	Toleranse	Tolerance
Rotationsriktning	Työstösuunta	Rotasjonsretning	Rotationsretning
Standard	Standardi	Standard	Standard
■ Förstahandsval	Paras valinta	Førstehåndsvalg	Perfekt
■ Andrahandsval	Hyvä valinta	Andre håndsvalg	God
Exempel 10 = Skärhastighet i meter/minut +/- 10%	Esimerkki 10 = Lastuamisnopeus, m/min +/- 10%	Eksempel 10 = skjærehastighet i meter/minutt +/- 10%	Eksempel 10 = Skære hastighed i meter/min. +/- 10%
Artikelnummer	Tuotteen koodi	Artikkels kode	Kode
Dim. område	Halkaisija-alue	Dim. område	Dimension
AMG	Svensk	Suomi	Norsk
1.1 Rena järn, mjuka stål	Puhdas rauta, pehmeät teräiset	Rent jern, myke stål	Rent jern, blødt stål
1.2 Konstruktionsstål	Rakenneteräiset, hiiletysteräiset	Konstruksjonsstål	Konstruktionsstål
1.3 Kolstål, läglerade stål	Hiili- ja niukkaesosteiset teräset	Kullstål, lågert stål	Kulstofstål, lavt leg.stål
1.4 Legerade stål	Seostetut teräiset	Legerat stål	Legeret stål
1.5 Legerade stål, verktygsstål / Seghårdningsstål	Seostetut teräset työkalu- ja nuorrutusteräiset	Legerat stål, verktøystål/Seigherdingssål	Legeret stål/ Værktøjsstål, seghærdningsstål
1.6 Legerade stål, verktygsstål / Seghårdningsstål	Seostetut teräset työkalu- ja nuorrutusteräiset	Legerat stål, verktøystål/Seigherdingssål	Legeret stål/ Værktøjsstål, seghærdningsstål
1.7 Legerade hårdade stål	Seostetut teräset, karkaistut teräiset	Legerat herdet stål	Legeret stål, Hærdet
1.8 Legerade hårdade stål, slitstål	Seostetut teräset, karkaistut teräiset	Legerat herdet stål	Legeret stål, Hærdet
2.1 Rostfria automatstål och verktygsstål	Avt. laadut, työkaluteräiset Cr>10%	Rustfritt automatstål	Rustfritt automatstål
2.2 Austenitiska	Austenittiset	Austenitiske	Austenitisk
2.3 Ferritaustenitiska (duplex), Martensitiska	Ferriti + Austenitti (Duplex), Ferritismarten-sittiset	Ferritaustenitiske (duplex), Ferritiske, Martensitiske	Ferritisk+Astenitisk, Martensitisk
2.4 Utskillingshårdade / Austenitiska	Erkautumiskarkenevat	Utskillingherdet	Udskillingshærdet
3.1 Gräjärn	Harmaa valurauta	Gråjern	Gråjern
3.2 Gräjärn	Harmaa valurauta	Gråjern	Gråjern
3.3 Segjärn / Aducergods	Pallografifitti valurauta / Adusoitu valurauta	Seigern Aducergods	Segjern/ Aducergods
3.4 Segjärn / Aducergods	Pallografifitti valurauta / Adusoitu valurauta	Seigern Aducergods	Segjern/ Aducergods
4.1 Titan, ren	Titaani, seostamatton	Titan, ren	Titan, ren
4.2 Titanlegeringar	Titaani, seostattu	Titanlegeringer	Titanlegeringer
4.3 Titanlegeringar	Titaani, seostattu	Titanlegeringer	Titanlegeringer
5.1 Nickel, ren	Nikkeli, seostamatton	Nikkeli, ren	Nikkeli, ren
5.2 Nickellegeringar	Nikkeli, seostettu	Nikkeli, legeringer	Nickellegeringer
5.3 Nickellegeringar	Nikkeli, seostettu	Nikkeli, legeringer	Nickellegeringer
6.1 Koppar	Kupari	Kopper	Kobber
6.2 Mässing / Brons	β-Messinki, pronssi	Messing/Bronse	Messing, Bronze
6.3 Mjuk mässing	α-Messinki, pehmää	Myk messing	Blød messing
6.4 Cu-Al-Fe-Legeringar	Cu-Al-Fe seekset, lujat prontosit	Cu-Al-Fe-Legeringer	Cu-Al-Fe-legeringer
7.1 Ren aluminium, magnesium	Al, Mg, seostamatton	Ren aluminium, magnesium	Ren aluminium, magnesium
7.2 Al Legeringar, Si<0.5%	Al seostettu, Si<0.5%	Al legeringer, Si<0.5%	Al-legeringer, Si<0.5%
7.3 Al Legeringar, Si>0.5%<10%	Al seostettu, Si>0.5%<10%	Al legeringer, Si>0.5%<10%	Al-legeringer, Si>0.5%<10%
7.4 Al Legeringar, Si>10%, Whisker förstärkta	Al seostettu, Si>10% Whisker lujitetut, Al-seokset, Mg-seokset	Al legeringer, Si>10% Whisker förstärket Al-leg., Mg-leg.	Al-legeringer, Si>10% Whisker-förstärket, Al-legeringer, Mg-legeringer
8.1 Mjuka plaster	Pehmeät muovit (Thermoplast)	Myk plast	Blød plast
8.2 Hårda plaster	Kovat muovit, Bakelitti	Hard plast	Hårde plast
8.3 Armerade plaster	Lujitetut muovit	Armet plast	Armerede plastmaterialer
9.1 Cermets (metall-keramik)	Cermetit (metall-keraamiset)	Cermets (metal-keramikk)	Cermets (metal-keramik)
10.1 Grafit	Standardi Grafiitti	Standard Graffit	Standard grafitt



NEW

NEW

AMG	355	355	356	356	357	357	358	358	359	360	360	361	361	362	ISO
1.1	■260B	■260B	■210B	■210B	■260B	■260B	■210B	■210B	■140C	■65B	■95B	■95B	■110C	P1	
1.2	■260B	■260B	■210B	■210B	■260B	■260B	■210B	■210B	■140C	■65B	■95B	■95B	■110C	P1	
1.3	■155B	■155B	■125B	■125B	■155B	■155B	■125B	■125B	■130C	■55B	■80B	■55B	■80B	P2	
1.4	■155B	■155B	■125B	■125B	■155B	■155B	■125B	■125B	■130C	■50B	■75B	■50B	■75B	P3	
1.5	■115B	■115B	■90B	■90B	■115B	■115B	■90B	■90B	■120C	■30B	■45B	■30B	■45B	■95C	
1.6	■90B	■90B	■75B	■75B	■90B	■90B	■75B	■75B		■30B	■30B	■30B	■30B	H1	
1.7														H3	
1.8														H4	
2.1	■105A	■105A	■75A	■75A	■105A	■105A	■85A	■85A	■80B					■65B	M1
2.2	■70A	■70A	■55A	■55A	■70A	■70A	■55A	■55A	■70B					■55B	M3
2.3	■70A	■70A	■55A	■55A	■70A	■70A	■55A	■55A						■55A	M2
2.4	■50A	■50A			■50A	■50A									S2
3.1	■180B	■180B	■145B	■145B	■180B	■180B	■145B	■145B	■170C	■55B	■80B	■65B	■80B	■135C	
3.2	■110B	■110B	■85B	■85B	■110B	■110B	■85B	■85B	■150C	■30B	■45B	■30B	■45B	■120C	
3.3	■145B	■145B	■115B	■115B	■145B	■145B	■115B	■115B	■130C	■55B	■80B	■55B	■80B	■100C	
3.4	■95B	■95B	■75B	■75B	■95B	■95B	■75B	■75B	■120C	■30B	■45B	■30B	■45B	■95C	
4.1	■170B	■170B	■140B	■140B	■170B	■170B	■140B	■140B		■65B	■95B	■65B	■95B		S1
4.2	■115B	■115B	■90B	■90B	■115B	■115B	■90B	■90B	■70B	■30B	■45B	■30B	■45B	■55B	
4.3										■15B	■20B	■15B	■20B		S3
5.1	■165B	■165B	■130B	■130B	■165B	■165B	■130B	■130B		■65B	■95B	■65B	■95B		S1
5.2	■35A	■35A	■25A	■25A	■35A	■35A	■25A	■25A	■70B					■55B	S2
5.3															S3
6.1	■320C	■320C	■255C	■255C	■320C	■320C	■255C	■255C	■255C	■110C	■155C	■110C	■155C	■200E	
6.2	■320C	■320C	■255C	■255C	■320C	■320C	■255C	■255C	■255C	■110C	■155C	■110C	■155C	■190E	
6.3	■320C	■320C	■255C	■255C	■320C	■320C	■255C	■255C	■255C	■110C	■155C	■110C	■155C	■175E	
6.4	■40B	■40B	■30C	■30C	■40B	■40B	■30C	■30C	■30C	■15B	■20B	■15B	■20B	■160E	
7.1	■800C	■800C	■640C	■640C	■800C	■800C	■640C	■640C	■640C	■275C	■390C	■275C	■390C	■200E	
7.2	■800C	■800C	■640C	■640C	■800C	■800C	■640C	■640C	■640C	■275C	■390C	■275C	■390C	■190E	
7.3	■480C	■480C	■380C	■380C	■480C	■480C	■380C	■380C	■380C	■165C	■235C	■165C	■235C	■175E	
7.4	■240B	■240B	■190B	■190B	■240B	■240B	■190B	■190B	■190B					■160E	N2
8.1	■320C	■320C	■255C	■255C	■320C	■320C	■255C	■255C	■255C	■110C	■155C	■110C	■155C	O	
8.2	■320C	■320C	■255C	■255C	■320C	■320C	■255C	■255C	■255C	■110C	■155C	■110C	■155C	O	
8.3										■30B	■45B	■30B	■45B	O	
9.1														H	
10.1														O	

HM														
N	W	W	W	N	N	N	N	N	N	N	N	N	N	N
Z 3	Z 1	Z 2	Z 2	Z 4										
40° Y10°	25° Y20°	30° Y20°	30° Y20°	35° Y9°	35° Y9°	40° Y3°	35° Y9°	35° Y9°	40° Y10°	40° Y3°	30° Y12°	30° Y12°	30° Y12°	30° Y12°
DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HB	DIN 6535HA	DIN 6535HA	DIN 6535HB	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HE	DIN 6535HE
AMG	H	H	H	H	AlTiN	AlTiN	AlTiN	AlTiN	AlTiN	AlTiN	Diamond	AlTiN	TAN	TAN
h9	h9	h9	h9	h10	h10	h9	h10	h10	h9	h9	h12	h12	h12	h12
DORMER	DORMER	DORMER	DORMER	DORMER	DIN 6527K	DIN 6527K	DORMER	DIN 6527L	DIN 6527L	DORMER	DORMER	DORMER	DORMER	DORMER
S715	S637	S638	S610	S611	S804HA	S804HB	S219	S814HA	S814HB	S612	S216	S904	S944	
3.00 - 20.00	2.00 - 12.00	6.20 - 20.30	3.00 - 20.00	6.00 - 20.00	2.00 - 25.00	2.00 - 25.00	3.00 - 20.00	2.00 - 25.00	2.00 - 25.00	1.00 - 12.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	
NEW	NEW	NEW	NEW	NEW			NEW			NEW	NEW			

AMG	363	364	365	366	367	368	368	369	370	370	371	372	373	373	ISO
1.1	■70C					■360B	■360B	■270B	■270B		■95B	■140B	P 1		
1.2	■70C					■300B	■300B	■225B	■225B		■95B	■140B	P 1		
1.3	■65C					■230B	■230B	■175B	■175B		■80B	■120B	P 2		
1.4	■65C					■230B	■230B	■175B	■175B		■70B	■105B	P 3		
1.5	■60C					■165B	■165B	■125B	■125B		■55B	■80B	P 4		
1.6						■130B	■130B	■90C	■100B	■100B	■90C	■30B	■45B	H 1	
1.7														H 3	
1.8														H 4	
2.1	■40B					■165A	■165A	■125A	■125A					M 1	
2.2	■35B					■110A	■110A	■85A	■85A					M 3	
2.3						■110A	■110A	■70B	■85A	■85A	■70B			M 2	
2.4						■75A	■75A	■50B						S 2	
3.1	■85C					■275B	■275B	■205B	■205B		■80B	■120B	K 1		
3.2	■75C					■165B	■165B	■125B	■125B		■55B	■80B	K 2		
3.3	■65C					■165B	■165B	■125B	■125B		■70B	■105B	K 3		
3.4	■60C					■135B	■135B	■105B	■105B		■55B	■80B	K 4		
4.1						■275B	■275B	■205B	■205B		■95B	■140B	S 1		
4.2	■35B					■140B	■140B	■105B	■105B		■40B	■60B	S 2		
4.3								■50B			■50B	■30B	■45B	S 3	
5.1						■275B	■275B	■205B	■205B		■135B	■200B	S 1		
5.2	■35B					■55A	■55A	■40A	■40A		■30A	■45A	S 2		
5.3								■50B			■50B	■25A	■35A	S 3	
6.1		■350E	■400E	■350E	■280E	■820C	■320C	■255C	■255C		■110C	■155C	N 3		
6.2		■300E	■345E	■300E	■240E	■320C	■320C	■255C	■255C		■110C	■155C	N 4		
6.3		■250E	■290E	■250E	■200E	■320C	■320C	■255C	■255C		■110C	■155C	N 3		
6.4		■200E	■230E	■200E	■160E	■40B	■40B	■32C	■32C		■15B	■20B	N 4		
7.1		■600E	■690E	■600E	■480E	■800C	■800C	■640C	■640C		■275C	■390C	N 1		
7.2		■500E	■575E	■500E	■400E	■800C	■800C	■640C	■640C		■275C	■390C	N 1		
7.3		■400E	■460E	■400E	■320E	■480C	■480C	■380C	■380C		■165C	■235C	N 1		
7.4		■350E	■400E	■350E	■280E	■240B	■240B	■190B	■190B				N 2		
8.1		■800E	■980E	■800E	■640E	■320C	■320C	■255C	■255C		■110C	■155C	O		
8.2		■800E	■980E	■800E	■640E	■320C	■320C	■255C	■255C		■110C	■155C	O		
8.3											■55B	■80B	O		
9.1													H		
10.1											■350A		O		



3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 4.00 - 20.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 6.00 - 20.00 3.00 - 20.00 6.00 - 20.00 6.00 - 20.00 3.00 - 16.00

AMG	374	374	375	375	376	376	377	378	378	379	379	380	380	381	382	383	ISO	
1.1	■110C		■70C		■140D		■140D							■140D			P 1	
1.2	■110C		■70C		■140D		■140D							■140D			P 1	
1.3	■100C		■65C		■130D		■130D							■130D			P 2	
1.4	■100C		■65C		■130D		■130D							■130D			P 3	
1.5	■95C		■60C		■120D		■120D							■120D			P 4	
1.6		■72C		■45C		■110D		■90C		■72C		■45C			■110D		H 1	
1.7						■85B				■70A		■56A		■35A		■35B	■56A	H 3
1.8										■50A		■40A		■25A		■40A		H 4
2.1	■65B		■40B		■80C		■80C							■80C			M 1	
2.2	■55B		■35B		■70C		■70C							■70C			M 3	
2.3		■56B		■35B		■70C		■70B		■56B		■35B			■70C		M 2	
2.4		■40B		■25B		■50C		■50B		■40B		■25B			■50C		S 2	
3.1	■135C		■85C		■170D		■170D							■170D			K 1	
3.2	■120C		■75C		■150D		■150D							■150D			K 2	
3.3	■100C		■65C		■130D		■130D							■130D			K 3	
3.4	■95C		■60C		■120D		■120D							■120D			K 4	
4.1																	S 1	
4.2	■55B		■35B		■70C		■70C							■70C			S 2	
4.3		■40B		■25B		■50C		■50B		■40B		■25B			■50C		S 3	
5.1																	S 1	
5.2	■55B		■35B		■70C		■70C							■70C			S 2	
5.3		■40B		■25B		■50C		■50B		■40B		■25B			■50C		S 3	
6.1																	N 3	
6.2																	N 4	
6.3																	N 3	
6.4																	N 4	
7.1																	N 1	
7.2																	N 1	
7.3																	N 1	
7.4																	N 2	
8.1																	O	
8.2																	O	
8.3																	O	
9.1																	H	
10.1																	O	

	HM															
	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
	Z 4	Z 4	Z 4 =1	Z 4 =1	Z 4	Z 2	Z 4									
	45° Y-10°	40° Y-6°	40° Y-10°	40° Y-4°	40° Y-10°	25° Y-0°	30° Y-3°	30° Y-3°	30° Y-3°	30° Y-10°	30° Y-10°	30° Y-10°	30° Y-10°	30° Y-10°		
	DIN 6535 HA															
	TBN	TBN	AON	AON	TBN	X-GEDO	TBN									
	h9															
	DORMER															
	S521	S523	S763	S262	S767	S536	S229	S231	S233	S529	S531	S533	S501	S534		
	3.00 - 16.00	1.50 - 16.00	3.00 - 20.00	3.00 - 20.00	4.00 - 20.00	6.00 - 12.00	1.50 - 16.00	1.50 - 16.00	2.00 - 16.00	1.50 - 16.00	1.50 - 16.00	2.00 - 16.00	1.00 - 16.00	3.00 - 16.00		
	NEW		NEW													
AMG	384	385	386	387	389	390	391	392	393	394	395	396	397	398	ISO	
1.1					■140D	■140D								■181B	P 1	
1.2					■140D	■140D								■181B	P 1	
1.3					■130D	■130D								■118B	P 2	
1.4					■130D	■130D								■118B	P 3	
1.5					■120D	■120D								■90B	P 4	
1.6					■110D			■630C	■600C	■615C				■72B	H 1	
1.7	■70A	■70A			■85B			■105E			■330A	■260A	■165A	■45A	■30A	H 3
1.8	■50A	■50A						■75E			■280A	■225A	■140A		■280A	H 4
2.1					■80C	■80C								■81A	M 1	
2.2					■70C	■70C								■54A	M 3	
2.3					■70C			■540B	■430B	■270B				■54A	M 2	
2.4					■60C			■315B	■250B	■155B					S 2	
3.1					■170D	■170D								■136B	K 1	
3.2					■150D	■150D								■81B	K 2	
3.3					■130D	■130D								■109B	K 3	
3.4					■120D	■120D								■72B	K 4	
4.1					■70C	■70C								■136B	S 1	
4.2					■60C			■315B	■250B	■155B				■90B	S 2	
4.3														■45B	S 3	
5.1					■70C	■70C		■315B	■250B	■155B				■136B	S 1	
5.2					■60C									■27A	S 2	
5.3								■315B	■250B	■155B				■22A	S 3	
6.1														■363C	N 3	
6.2														■363C	N 4	
6.3														■363C	N 3	
6.4														■54B	N 4	
7.1														■950C	N 1	
7.2														■950C	N 1	
7.3														■681C	N 1	
7.4														■363B	N 2	
8.1														■318C	O	
8.2														■318C	O	
8.3														■318B	O	
9.1														■5A	H	
10.1															O	

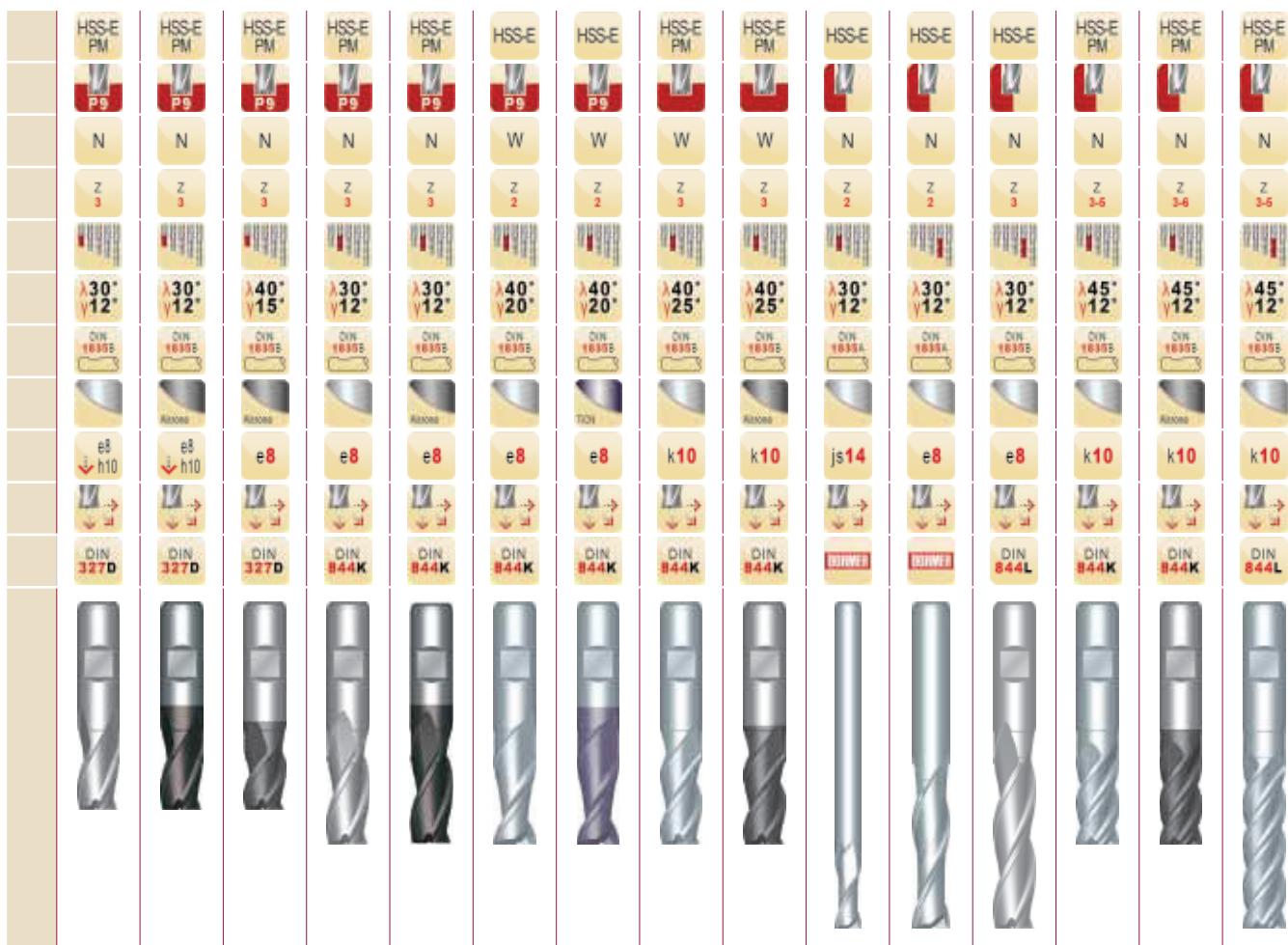


S535 S511 S629 S739 S740 S741 S991 C110 C126 C123 C139 C135

3.00 - 16.00 3.00 - 16.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 3.00 - 20.00 Set 1.00 - 50.00 1.00 - 30.00 1/16 - 40.00 2.00 - 30.00 2.00 - 30.00

NEW **NEW** **NEW** **NEW** **NEW**

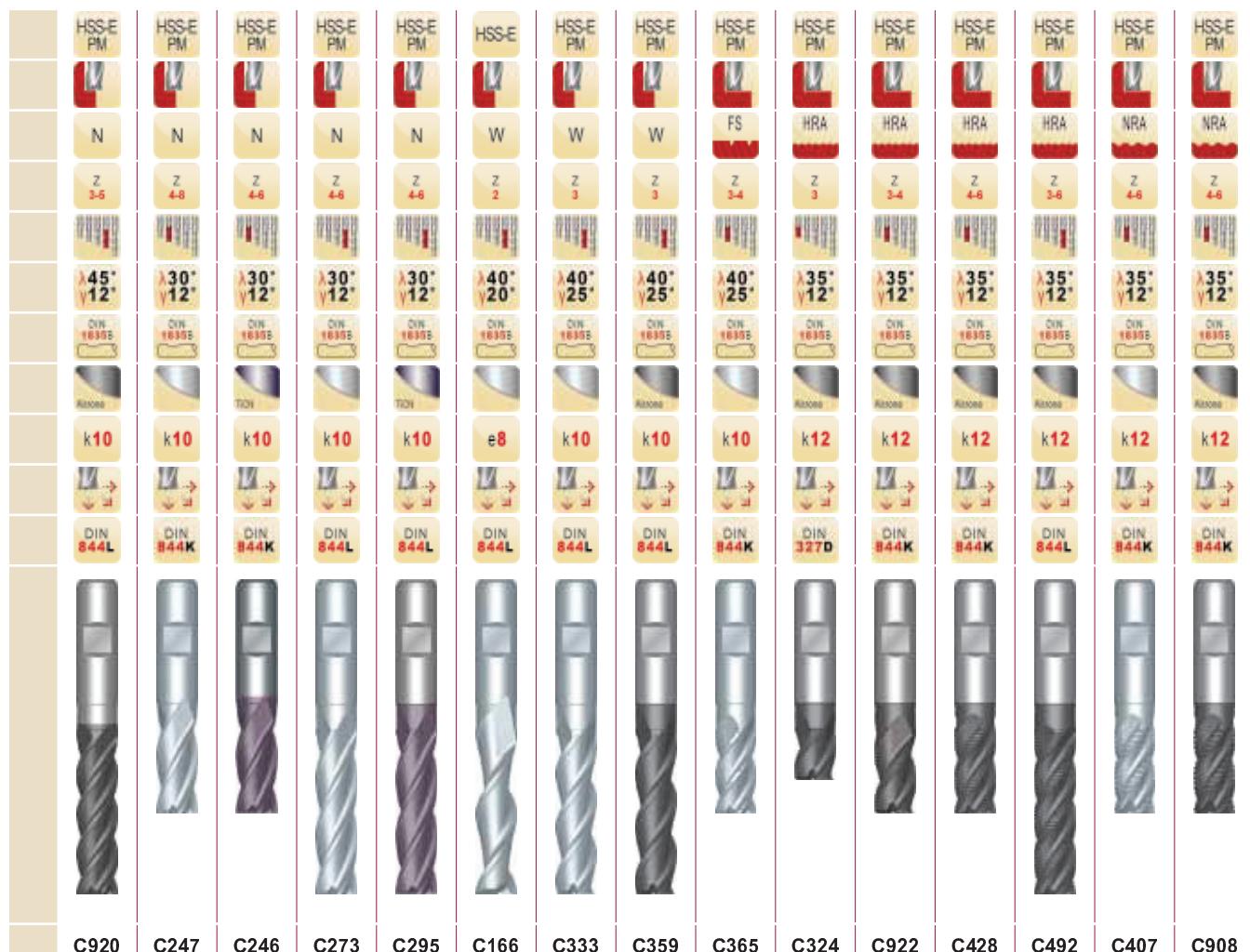
AMG	399	400	401	402	402	402	403	404	404	406	406	408	ISO
1.1		■230B		■140C	■140C	■140C		■60A	■135A	■55A	■120A	■50A	P 1
1.2		■192B		■140C	■140C	■140C		■50A	■105A	■45A	■95A	■40A	P 1
1.3		■153B		■130C	■130C	■130C		■40B	■95B	■40B	■35B	■35B	P 2
1.4		■153B		■130C	■130C	■130C		■35B	■80B	■35B	■70B	■30B	P 3
1.5		■115B		■120C	■120C	■120C			■55C		■50C		P 4
1.6		■260A							■25C		■20C		H 1
1.7		■61A											H 3
1.8		■225A											H 4
2.1		■115A		■80B	■80B	■80B		■30F	■45F	■25F	■45F	■25F	M 1
2.2		■76A		■70B	■70B	■70B							M 3
2.3		■76A							■25F		■25F		M 2
2.4													S 2
3.1		■192B		■170C	■170C	■170C		■35A	■60A	■30A	■55A	■30A	K 1
3.2		■115B		■155C	■155C	■155C		■30A	■50A	■25A	■45A	■25A	K 2
3.3		■115B		■145C	■145C	■145C		■50B	■90B	■45B	■80B	■40B	K 3
3.4		■96B		■130C	■130C	■130C		■30B	■55B	■30B	■50B	■25B	K 4
4.1		■192B						■35D	■45D	■30D	■45D	■30D	S 1
4.2		■96B		■70B	■70B	■70B		■25D	■40D	■25D	■35D	■25D	S 2
4.3		■61B							■15D		■15D		S 3
5.1		■192B						■60D	■130D	■50D	■115D	■50D	S 1
5.2		■38A		■70B	■70B	■70B		■15C	■25C	■15C	■25C	■15C	S 2
5.3		■30A						■10D		■10D			S 3
6.1		■384C	■350E	■250E	■250E	■250E		■85C	■190C	■80C	■170C	■70C	N 3
6.2		■384C	■300E	■235E	■235E	■235E		■85C	■190C	■80C	■170C	■70C	N 4
6.3		■384C	■250E	■220E	■220E	■220E		■85C	■190C	■80C	■170C	■70C	N 3
6.4		■61B	■200E	■200E	■200E	■200E			■25C		■25C		N 4
7.1		■950C	■600E	■250E	■250E	■250E		■220E	■480E	■200E	■435E	■180E	N 1
7.2		■950C	■600E	■235E	■235E	■235E		■220E	■480E	■200E	■435E	■180E	N 1
7.3		■576C	■400E	■220E	■220E	■220E		■85E	■190E	■80E	■170E	■70E	N 1
7.4		■307B	■350E	■200E	■200E	■200E			■95A		■85A		N 2
8.1		■307C	■300E					■90C	■190C	■80C	■175C	■70C	O
8.2		■307C	■300E										O
8.3		■307B											O
9.1		■9A											H
10.1													O



C306 C353 C367 C305 C352 C159 C169 C336 C358 C167 C122 C346 C299 C907 C903

3.00 - 30.00 3.00 - 30.00 2.00 - 20.00 2.00 - 32.00 3.00 - 20.00 2.00 - 20.00 2.00 - 20.00 10.00 - 30.00 6.00 - 16.00 5.00 - 30.00 3.00 - 20.00 3.00 - 25.00 3.00 - 32.00 6.00 - 25.00

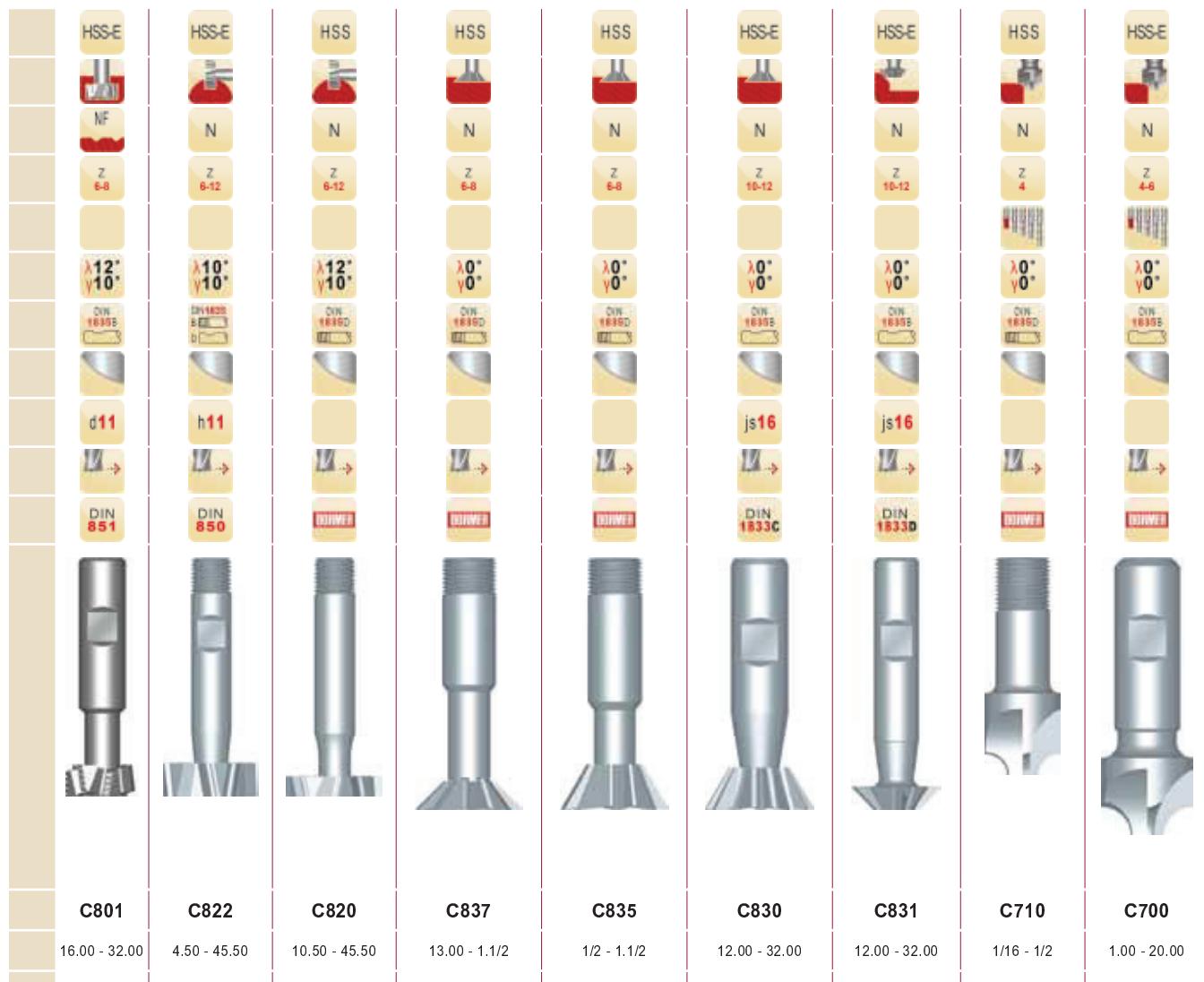
AMG	409	409	411	412	412	413	413	414	414	415	416	417	418	418	419	ISO
1.1	53A	145A	146A	56A	135A	50A	100A	55A	133A	50A	45A					P 1
1.2	49A	120A	117A	44A	105A	40A	80A	44A	106A	40A	36A	35A				P 1
1.3	41B	100B	102B	39B	95B	35B	70B	38B	93B	35B	31B	30B	37T	95T	35T	P 2
1.4	35B	85B	87B	33B	80B					30B	27B	25B	33T	80T	29T	P 3
1.5		60C			55C								22U	55U	20U	P 4
1.6		25C				25C							10U	25U	9U	H 1
1.7																H 3
1.8																H 4
2.1	26F	50F	67F	26F	50F	23F	34F	25F	48F	25F	20F	20F	26Y	50Y	23Y	M 1
2.2	45F	55F		40F	19F	29F	21F	40F					21Y	40Y	18Y	M 3
2.3	30F	35F		25F		18F		26F					13Y	25Y	13Y	M 2
2.4				25F												S 2
3.1	32A	65A		30A	60A				30A	25A	25A	30S	60S	27S	K 1	
3.2	27A	55A		25A	50A				25A	20A	20A	25S	50S	22S	K 2	
3.3	48B	95B		45B	90B				40B	36B	35B	45T	90T	39T	K 3	
3.4	30B	60B		27B	55B				25B	22B	20B	27T	55T	24T	K 4	
4.1	33D	50D	50D	29D	45D	28D	36D	30D	46D	30D	25D	25D	29V	45V	26V	S 1
4.2	26D	40D		24D	35D		29D		37D	25D	20D	20D	57V	85V	23V	S 2
4.3		20D			15D								10V	15V	10V	S 3
5.1	58D	140D	140D	51D	125D	48D	96D	52D	127	50D	43D	45D	51V	125V	47V	S 1
5.2	15C	30C		13C	25C		19D		27	15C	11C	10C	13U	25U	13U	S 2
5.3		15D			10D								5V	10V	5V	S 3
6.1	110C	210C	209C	100C	190C	100C	200C	100C	240C	75C	112C	112C	70C			N 3
6.2	110C	210C	209C	100C	190C	100C	200C	100C	240C	75C	112C	112C	70C	100U	190U	89U
6.3	110C	210C	209C	100C	190C	100C	200C	100C	240C	75C	112C	112C	70C			N 3
6.4		30C			25C											N 4
7.1				528E		250E	500E	250E	600E	200E	270E	180E				N 1
7.2		219E	530E	528E	198E	480E	250E	500E	250E	600E	200E	270E	180E			N 1
7.3		86E	210E	209E	190E	190E	100E	200E	100E	240E	75E	81E				N 1
7.4			105A		95A				120A				39S	95S	35S	N 2
8.1		72C	210C	209C	65C	190C	100C	200C	100E	240A	80C	112C	70C			O
8.2						100C	200C	100E	240A							O
8.3									240A							O
9.1																H
10.1																O



6.00 - 25.00 2.00 - 50.00 2.00 - 32.00 2.00 - 40.00 2.00 - 40.00 6.00 - 16.00 10.00 - 30.00 10.00 - 30.00 10.00 - 30.00 8.00 - 30.00 6.00 - 40.00 6.00 - 40.00 6.00 - 30.00 6.00 - 40.00 6.00 - 40.00

AMG	419	420	420	422	422	424	425	425	426	427	428	429	430	431	431	ISO
1.1	■55S	■120S	■50S	■110S	■45A	■49A	■119A	■55M						■65G		P 1
1.2	■45S	■95S	■60S	■85S	■36A		■95A	■44M						■44G		P 1
1.3	■85T	■40T	■85T	■75T	■31B		■83B	■38N	■100H	■95H	■93H	■83H	■38H	■93H		P 2
1.4	■70T	■35T	■70T	■30T	■65T				■85H	■80H	■79H	■71H	■33H	■79H		P 3
1.5	■50U		■50U		■45U				■60I	■55I	■54I	■49I	■22I	■54I		P 4
1.6	■20U		■20U		■20U				■25I	■25I	■24I	■21I	■10I	■24I		H 1
1.7																H 3
1.8																H 4
2.1	■45Y	■25Y	■45Y	■10Y	■40Y	■20F	■22F	■43F	■25R	■50L	■50L	■48L	■43L	■25L	■48L	M 1
2.2	■35Y					■17F	■19F	■36F		■45L	■40L	■40L	■36L	■21L	■40L	M 3
2.3	■25Y					■20Y		■23F		■30L	■25L	■26L	■23L	■13L	■26L	M 2
2.4									■60H	■55H	■55H	■49H	■27H	■55H		S 2
3.1	■55S	■30S	■55S	■25S	■50S					■65G	■60G	■61G	■55G	■30G	■61G	K 1
3.2	■45S	■25S	■45S	■20S	■40S					■55G	■50G	■50G	■45G	■25G	■50G	K 2
3.3	■80T	■45T	■79T	■40T	■70T					■95H	■90H	■88H	■79H	■44H	■88H	K 3
3.4	■50T	■25T	■49T	■25T	■45T					■60H	■55H	■55H	■49H	■27H	■55H	K 4
4.1	■40V	■30V	■43V	■25V	■40V	■25D	■27D	■41D	■30P	■50J	■45J	■46J	■41J	■30J	■46J	S 1
4.2	■35V	■25V	■35V	■20V	■30V					■40J	■35J	■34J	■25J	■37J		S 2
4.3	■15V		■15V		■15V					■20J	■15J	■16J	■15J	■16J		S 3
5.1	■115V	■50V	■116V	■45V	■105V	■43D	■47D	■114D	■52P	■140J	■125J	■127J	■114J	■52J	■127J	S 1
5.2	■25U	■15U	■24U	■10U	■20U					■30I	■25I	■27I	■24I	■14I	■27I	S 2
5.3	■10V		■10V		■10V					■15J	■10J	■11J	■10J	■6J	■11J	S 3
6.1		■80U	■170U	■70U	■155U	■90C	■123C	■235C	■1000							N 3
6.2		■170U	■80U	■170U	■70U	■155U	■90C	■235C	■1000	■210I	■190I	■190I	■170I	■100I	■190I	N 4
6.3		■80U	■170U	■70U	■155U	■90C			■1000							N 3
6.4			■25U		■20U					■30I	■25I	■25I	■23I	■13I	■25I	N 4
7.1			■200X	■435X	■180X	■390X	■225E	■297E	■718E	■250Q						N 1
7.2			■200X	■435X	■180X	■390X	■225E	■297E	■718E	■250Q						N 1
7.3			■80X	■170X	■70X	■155X	■90E	■89E	■215E	■100Q						N 1
7.4			■85S	■85S	■75S			■120A		■105G	■95G	■95G	■85G	■39G	■95G	N 2
8.1			■80U	■175U	■70U	■155U	■90C		■1000							O
8.2						■90C			■1000							O
8.3																O
9.1																H
10.1																O

	HSS-E PM	HSS-E PM	HSS-E PM	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS	HSS-E		
	NRA	NRA	FS	NF	NF	NF	N	N	N	N	N	N	N	N		
	Z 4-8	Z 4-8	Z 3-8	Z 4-8	Z 4-8	Z 4-8	Z 2	Z 2	Z 2	Z 2	Z 6-8	Z 6-8	Z 8-12	Z 8-12		
	k12	k12	k10	k12	k12	k12	e8	e8	e8	e8	d11	d11	js16			
	DIN 844L	DIN 844L	DIN 844K	DIN 844K	DIN 844K	DIN 844L	DIN 327D	DIN 327D	DIN 844K	DIN 844K	DIN 851	DIN 851	DIN 851	DIN 851		
C944	C948	C921	C400	C413	C403	C429	C500	C503	C505	C511	C800	C810	C825			
6.00 - 40.00	6.00 - 32.00	6.00 - 32.00	6.00 - 50.00	6.00 - 32.00	10.00 - 50.00	10.00 - 32.00	2.00 - 25.00	2.00 - 25.00	3.00 - 30.00	3.00 - 25.00	11.00 - 50.00	12.50 - 1.61/64	40.00 - 63.00			
AMG	432	432	433	434	434	435	435	436	436	437	438	439	440	441	ISO	
1.1				■50G	■100G	■45G	■90G	■55S	■110S	■50S	■50S	■35P	■25P	■35P	P 1	
1.2				■40G	■80G	■35G	■70G	■45S	■90S	■40S	■40S	■35P	■25P	■30P	P 1	
1.3	■34H	■83H	■96N	■35H	■70H	■30H	■65H	■40T	■75T	■35T	■35T	■30O	■20O	■30O	P 2	
1.4	■29H	■71H	■80N	■30H	■60H	■25H	■55H	■35T	■65T	■30T	■30T	■25O	■15O	■20O	P 3	
1.5	■20I	■49I	■55O		■40I		■35I		■45U		■20N	■10N	■15N	■10N	P 4	
1.6	■9I	■21I	■25O		■20I		■15I		■20U		■15N	■10N	■10N	■10N	H 1	
1.7															H 3	
1.8															H 4	
2.1	■22L	■43L	■50R	■25L	■35L	■20L	■30L	■25Y	■35Y	■25Y	■25Y	■20M	■15M	■15M	M 1	
2.2	■19L	■36L	■40R										■15M	■10M	■10M	M 3
2.3	■12L	■23L	■25R		■20L		■15L		■20Y			■10M	■10M	■10M	M 2	
2.4															S 2	
3.1	■27G	■55G	■60M	■30G	■45G	■25G	■40G	■30S	■50S	■30S	■30S	■20P	■20P	■25P	K 1	
3.2	■22G	■45G	■50M	■25G	■35G	■20G	■35G	■25S	■40S	■25S	■25S	■20P	■20P	■20P	K 2	
3.3	■39H	■79H	■90N	■40H	■65H	■35H	■55H	■45T	■70T	■40T	■40T	■30O	■20O	■30O	K 3	
3.4	■24H	■49H	■55N	■25H	■40H	■20H	■35H	■30T	■45T	■25T	■25T	■20O	■10O	■20O	K 4	
4.1	■27J	■41J	■45P	■30J	■35J	■25J	■30J	■30V	■40V	■30V	■30V	■30P	■20P	■35P	S 1	
4.2	■22J	■34J	■35P	■25J	■30J	■20J	■25J	■25V	■30V	■25V	■25V	■20P	■15P	■20P	S 2	
4.3	■10J	■15J	■15P		■10J		■10J		■14V		■10O	■5O	■100	■100	S 3	
5.1	■47J	■114J	■130P	■50J	■95J	■45J	■85J	■50V	■105V	■50V	■50V	■35P	■25P	■35P	S 1	
5.2	■12I	■24I	■30O	■15I	■20I	■10I	■15I	■15U	■20V	■15U	■15U	■10O	■5O	■5O	S 2	
5.3	■5J	■10J	■10P		■10J		■10J		■10V		■6N	■5N	■5N	■5N	S 3	
6.1				■70I	■140I	■65I	■125I	■85U	■170U	■80U	■80U	■100Q	■50Q	■30Q	N 3	
6.2	■89I	■170I	■190O	■70I	■140I	■65I	■125I	■85U	■170U	■80U	■80U	■100P	■55P	■35P	N 4	
6.3				■70I	■140I	■65I	■125I	■85U	■170U	■80U	■80U	■85P	■20P	■35P	N 3	
6.4	■12I	■23I	■25O		■20I		■15I		■25V		■15O	■5O	■100	■100	N 4	
7.1				■180K	■360K	■160K	■325K	■220X	■435X	■200X	■200X	■250R	■60R	■70R	N 1	
7.2				■70K	■140K	■65K	■125K	■85X	■170X	■80X	■80X	■250R	■50R	■70R	N 1	
7.3				■35G	■85G	■95M	■70G	■65G	■85S	■85S	■45Q	■20Q	■20Q	■20Q	N 2	
8.1				■70I	■145I	■65I	■130I	■90U	■175U	■80U	■80U	■100R	■50R	■35R	O	
8.2															O	
8.3															O	
9.1															H	
10.1											■45Q	■20Q	■20Q	■20Q	O	



AMG	442	443	444	446	447	448	449	450	451	ISO
1.1	■40P	■40P	■25P	■20P	■20P	■30P	■30P	■20P	■35P	P 1
1.2	■40P	■40P	■25P	■20P	■20P	■30P	■30P	■20P	■35P	P 1
1.3	■30O	■30O	■20O	■15O	■15O	■25O	■25O	■15O	■25O	P 2
1.4	■25O	■25O	■20O	■15O	■15O	■20O	■20O	■15O	■25O	P 3
1.5	■20N	■20N	■10N	■10N	■10N	■15N	■15N	■10N	■15N	P 4
1.6	■15N	■15N	■10N	■5N	■5N	■10N	■10N	■10N	■15N	H 1
1.7										H 3
1.8										H 4
2.1	■25M	■25M	■15M	■10M	■10M	■20M	■20M	■15M	■20M	M 1
2.2	■15M	■15M	■10M	■10M	■10M	■15M	■15M	■10M	■15M	M 3
2.3	■15M	■15M	■10M	■5M	■5M	■10M	■10M	■5M	■10M	M 2
2.4										S 2
3.1	■25P	■25P	■20P	■15P	■15P	■20P	■20P	■20P	■20P	K 1
3.2	■20P	■20P	■20P	■15P	■15P	■15P	■15P	■15P	■15P	K 2
3.3	■35O	■30O	■20O	■15O	■15O	■25O	■25O	■15O	■25O	K 3
3.4	■20O	■20O	■15O	■10O	■10O	■15O	■15O	■10O	■15O	K 4
4.1	■30P	■30P	■20P	■15P	■15P	■25P	■25P	■15P	■25P	S 1
4.2	■20P	■20P	■15P	■10P	■10P	■15P	■15P	■10P	■20P	S 2
4.3	■10O	■10O	■10O	■5O	■5O	■10O	■10O	■5O	■10O	S 3
5.1	■40P	■35P	■25P	■20P	■20P	■30P	■30P	■20P	■35P	S 1
5.2	■10O	■10O	■5O	■5O	■5O	■10O	■10O	■5O	■10O	S 2
5.3	■5N	■5N	■5N	■5N	■5N	■5N	■5N	■5N	■5N	S 3
6.1	■110Q	■100Q	■50Q	■40Q	■40Q	■90Q	■90Q	■40Q	■90Q	N 3
6.2	■110P	■100P	■55P	■45P	■45P	■90P	■90P	■45P	■90P	N 4
6.3	■40P	■100P	■55P	■15P	■15P	■75P	■75P	■45P	■90P	N 3
6.4	■15O	■15O	■5O	■5O	■5O	■10O	■10O	■5O	■15O	N 4
7.1	■275R	■260R	■65R	■50R	■50R	■190R	■190R	■55R	■245R	N 1
7.2	■275R	■260R	■50R	■40R	■40R	■190R	■190R	■40R	■230R	N 1
7.3	■70R	■66R	■35R	■25R	■25R	■55R	■55R	■25R	■60R	N 1
7.4	■45Q	■44Q	■20Q	■17Q	■17Q	■35Q	■35Q	■15Q	■40Q	N 2
8.1	■110R	■100R	■50R	■40R	■40R	■75R	■75R		O	O
8.2									O	O
8.3									O	O
9.1									H	
10.1	■45Q	■45Q	■20Q			■35Q	■35Q	■15Q	■40Q	O

Z 16-30	Z 28-44	Z 28-100	Z 40-200	Z 80-180	Z 100-140	Z 128-220	Z 180-350
X15° Y10°	X15° Y10°	γ15°	γ5°	γ18°	γ18°	γ18°	γ18°
js16	js16						
DIN 885A	DIN 885A	DIN 1838	DIN 1837	DINFER	DINFER	DINFER	DINFER
D200	D763	D745	D747	D752	D753	D750	D751
50.00 - 200.00	63.00 - 125.00	50.00 - 315.00	32.00 - 315.00	200.00 - 350.00	250.00 - 350.00	200.00 - 350.00	200.00 - 350.00

AMG	452	452	454	456	459	459	460	460	ISO
1.1	■45P	■45P	■40R	■40R	■40R	■40R	■40R	■40R	P 1
1.2	■40P	■40P	■30R	■30R	■30R	■30R	■30R	■30R	P 1
1.3	■35P	■35P	■30R	■30R	■30R	■30R	■30R	■30R	P 2
1.4	■30P	■30P	■20S	■20S	■20S	■20S	■20S	■20S	P 3
1.5	■20P	■20P							P 4
1.6	■10P	■10P							H 1
1.7									H 3
1.8									H 4
2.1	■30P	■30P	■10S	■10S	■10S	■10S	■10S	■10S	M 1
2.2	■20P	■20P	■10S	■10S	■10S	■10S	■10S	■10S	M 3
2.3	■10Q	■10Q							M 2
2.4									S 2
3.1	■30Q	■30Q	■40R	■40R	■40R	■40R	■40R	■40R	K 1
3.2	■25Q	■25Q	■40R	■40R	■40R	■40R	■40R	■40R	K 2
3.3	■40Q	■40Q	■30R	■30R	■30R	■30R	■30R	■30R	K 3
3.4	■25Q	■25Q							K 4
4.1	■30N	■30N							S 1
4.2	■20O	■20O							S 2
4.3	■15O	■15O							S 3
5.1	■40P	■40P							S 1
5.2	■15O	■15O							S 2
5.3	■10M	■10M							S 3
6.1	■150P	■150P	■200R	■200R	■200R	■200R	■200R	■200R	N 3
6.2	■150P	■150P	■200T	■200T	■200T	■200T	■200T	■200T	N 4
6.3	■150P	■150P	■200T	■200T	■200T	■200T	■200T	■200T	N 3
6.4	■15M	■15M							N 4
7.1	■400Q	■400Q	■600T	■600T	■600T	■600T	■600T	■600T	N 1
7.2	■400Q	■400Q	■500T	■500T	■500T	■500T	■500T	■500T	N 1
7.3	■100Q	■100Q	■500T	■500T	■500T	■500T	■500T	■500T	N 1
7.4	■70Q	■70Q							N 2
8.1	■150M	■150M	■60T	■60T	■60T	■60T	■60T	■60T	O
8.2									O
8.3									O
9.1									H
10.1									O



AMG	461	461	462	462	ISO
1.1	■40J	■75J	■40J	■75J	P 1
1.2	■40J	■75J	■40J	■75J	P 1
1.3	■30I	■65I	■30I	■65I	P 2
1.4	■25I	■60I	■25I	■50I	P 3
1.5	■20H	■65H	■20H	■35H	P 4
1.6	■15H	■30H	■15H	■30H	H 1
1.7					H 3
1.8					H 4
2.1	■25H	■35H	■25H	■35H	M 1
2.2	■15G	■30G	■15G	■30G	M 3
2.3	■10G	■20G	■10G	■20G	M 2
2.4					S 2
3.1	■20J	■35J	■20J	■35J	K 1
3.2	■20J	■30J	■20J	■30J	K 2
3.3	■30I	■60I	■30I	■50I	K 3
3.4	■20I	■30I	■20I	■30I	K 4
4.1	■30J	■35J	■30J	■35J	S 1
4.2	■20I	■25I	■20I	■25I	S 2
4.3	■10I	■15I	■10I	■15I	S 3
5.1	■35J	■75J	■35J	■75J	S 1
5.2	■10I	■20I	■10I	■20I	S 2
5.3	■5H	■10H	■5H	■10H	S 3
6.1	■105M	■150M	■105M	■150M	N 3
6.2	■105K	■150K	■105K	■150K	N 4
6.3	■35K	■60K	■35K	■60K	N 3
6.4	■15H	■20H	■15H	■20H	N 4
7.1	■260N	■260N	■260N	■260N	N 1
7.2	■260N	■260N	■260N	■260N	N 1
7.3	■65N	■135N	■65N	■135N	N 1
7.4	■45L	■75L	■45L	■75L	N 2
8.1	■105N	■120N	■105N	■120N	O
8.2	■30N	■60N	■30N	■60N	O
8.3	■5L	■15L	■5L	■15L	O
9.1					H
10.1	■45K	■125K	■45K	■125K	O

HM						Ae	Ap (x Ø) (x Ø)	 ø [mm] fz [mm/Z] ± 25%														
Z	Z	Z	Z	Z	Z			Ø	1	2	3	4	5	6	8	10	12	14	16	18	20	
1	2	3	4	>4				A	0.012	0.024	0.035	0.045	0.055	0.065	0.080	0.093	0.107	0.121	0.134	0.149	0.162	
								B	0.016	0.032	0.047	0.061	0.074	0.087	0.107	0.124	0.143	0.162	0.179	0.198	0.216	
								C	0.020	0.040	0.058	0.076	0.092	0.108	0.134	0.156	0.179	0.202	0.224	0.248	0.271	
								D	0.024	0.048	0.070	0.091	0.111	0.130	0.160	0.187	0.214	0.242	0.268	0.297	0.325	
								E	0.028	0.056	0.081	0.106	0.129	0.152	0.187	0.218	0.250	0.283	0.313	0.347	0.379	
								F	0.032	0.064	0.093	0.121	0.148	0.173	0.214	0.249	0.286	0.323	0.358	0.396	0.433	
								G	0.037	0.071	0.105	0.136	0.166	0.195	0.240	0.280	0.321	0.364	0.403	0.446	0.487	
								H	0.041	0.079	0.116	0.152	0.185	0.216	0.267	0.311	0.357	0.404	0.447	0.495	0.541	
								A	0.010	0.019	0.028	0.036	0.044	0.052	0.064	0.074	0.085	0.096	0.107	0.118	0.129	
								B	0.013	0.025	0.037	0.048	0.059	0.069	0.085	0.099	0.114	0.128	0.142	0.157	0.172	
								C	0.016	0.032	0.046	0.060	0.073	0.086	0.106	0.124	0.142	0.161	0.178	0.197	0.215	
								D	0.019	0.038	0.055	0.072	0.088	0.103	0.127	0.148	0.170	0.193	0.213	0.236	0.258	
								E	0.023	0.044	0.065	0.084	0.103	0.120	0.149	0.173	0.199	0.225	0.249	0.276	0.301	
								F	0.026	0.050	0.074	0.096	0.118	0.138	0.170	0.198	0.227	0.257	0.284	0.315	0.344	
								G	0.029	0.057	0.083	0.108	0.132	0.155	0.191	0.223	0.256	0.289	0.320	0.354	0.387	
								H	0.032	0.063	0.092	0.120	0.147	0.172	0.212	0.247	0.284	0.321	0.356	0.394	0.430	
								A	0.007	0.014	0.021	0.027	0.033	0.038	0.047	0.055	0.063	0.071	0.079	0.087	0.095	
								B	0.010	0.019	0.027	0.036	0.043	0.051	0.063	0.073	0.084	0.095	0.105	0.116	0.127	
								C	0.012	0.023	0.034	0.045	0.054	0.064	0.078	0.091	0.105	0.119	0.132	0.146	0.159	
								D	0.014	0.028	0.041	0.053	0.065	0.076	0.094	0.110	0.126	0.143	0.158	0.175	0.191	
								E	0.017	0.033	0.048	0.062	0.076	0.089	0.110	0.128	0.147	0.166	0.184	0.204	0.223	
								F	0.019	0.037	0.055	0.071	0.087	0.102	0.126	0.146	0.168	0.190	0.210	0.233	0.255	
								G	0.021	0.042	0.062	0.080	0.098	0.115	0.141	0.165	0.189	0.214	0.237	0.262	0.286	
								H	0.024	0.047	0.068	0.089	0.109	0.127	0.157	0.183	0.210	0.238	0.263	0.291	0.318	
								A	0.005	0.010	0.015	0.019	0.024	0.028	0.034	0.040	0.046	0.052	0.058	0.064	0.070	
								B	0.007	0.014	0.020	0.026	0.032	0.037	0.046	0.053	0.061	0.069	0.077	0.085	0.093	
								C	0.009	0.017	0.025	0.032	0.040	0.046	0.057	0.067	0.077	0.087	0.096	0.106	0.116	
								D	0.010	0.020	0.030	0.039	0.048	0.056	0.069	0.080	0.092	0.104	0.115	0.127	0.139	
								E	0.012	0.024	0.035	0.045	0.055	0.065	0.080	0.093	0.107	0.121	0.134	0.149	0.162	
								F	0.014	0.027	0.040	0.052	0.063	0.074	0.092	0.107	0.122	0.138	0.153	0.170	0.185	
								G	0.016	0.031	0.045	0.058	0.071	0.083	0.103	0.120	0.138	0.156	0.173	0.191	0.209	
								H	0.017	0.034	0.050	0.065	0.079	0.093	0.114	0.133	0.153	0.173	0.192	0.212	0.232	
								A	0.004	0.008	0.011	0.015	0.018	0.021	0.026	0.031	0.035	0.040	0.044	0.049	0.053	
								B	0.005	0.010	0.015	0.020	0.024	0.028	0.035	0.041	0.047	0.053	0.059	0.065	0.071	
								C	0.007	0.013	0.019	0.025	0.030	0.035	0.044	0.051	0.058	0.066	0.073	0.081	0.089	
								D	0.008	0.016	0.023	0.030	0.036	0.043	0.052	0.061	0.070	0.079	0.088	0.097	0.106	
								E	0.009	0.018	0.027	0.035	0.042	0.050	0.061	0.071	0.082	0.093	0.103	0.114	0.124	
								F	0.011	0.021	0.030	0.040	0.048	0.057	0.070	0.082	0.094	0.106	0.117	0.130	0.142	
								G	0.012	0.023	0.034	0.045	0.054	0.064	0.079	0.092	0.105	0.119	0.132	0.146	0.159	
								H	0.013	0.026	0.038	0.050	0.061	0.071	0.087	0.102	0.117	0.132	0.146	0.162	0.177	

■ Förstahandsval
Erittäin hyvä valinta
Förstehåndsvalg
Perfekt

● Andrahandsval
Hyvä valinta
Andrehåndsvalg
God

HM						Ae	Ap	(x Ø)	(x Ø)	 tz	Ø [mm]	fz [mm/Z] ± 25%												
Z 1	Z 2	Z 3	Z 4	Z >4							Ø	1	2	3	4	5	6	8	10	12	14	16	18	20
											A	0.003	0.006	0.009	0.012	0.014	0.017	0.021	0.024	0.028	0.032	0.035	0.039	0.042
■	■	■	■								B	0.004	0.008	0.012	0.016	0.019	0.023	0.028	0.033	0.037	0.042	0.047	0.052	0.057
											C	0.005	0.010	0.015	0.020	0.024	0.028	0.035	0.041	0.047	0.053	0.058	0.065	0.071
											D	0.006	0.012	0.018	0.024	0.029	0.034	0.042	0.049	0.056	0.063	0.070	0.078	0.085
											E	0.007	0.015	0.021	0.028	0.034	0.040	0.049	0.057	0.065	0.074	0.082	0.091	0.099
											F	0.008	0.017	0.024	0.032	0.039	0.045	0.056	0.065	0.075	0.084	0.093	0.103	0.113
											G	0.010	0.019	0.027	0.036	0.043	0.051	0.063	0.073	0.084	0.095	0.105	0.116	0.127
											H	0.011	0.021	0.030	0.040	0.048	0.057	0.070	0.081	0.093	0.106	0.117	0.129	0.141
											A	0.003	0.005	0.007	0.010	0.012	0.014	0.017	0.020	0.022	0.025	0.028	0.031	0.034
■	■	■	■								B	0.003	0.007	0.010	0.013	0.015	0.018	0.022	0.026	0.030	0.034	0.037	0.041	0.045
											C	0.004	0.008	0.012	0.016	0.019	0.023	0.028	0.033	0.037	0.042	0.047	0.052	0.057
											D	0.005	0.010	0.015	0.019	0.023	0.027	0.033	0.039	0.045	0.051	0.056	0.062	0.068
											E	0.006	0.012	0.017	0.022	0.027	0.032	0.039	0.046	0.052	0.059	0.065	0.072	0.079
											F	0.007	0.013	0.019	0.025	0.031	0.036	0.045	0.052	0.060	0.068	0.075	0.083	0.090
											G	0.008	0.015	0.022	0.029	0.035	0.041	0.050	0.059	0.067	0.076	0.084	0.093	0.102
											H	0.008	0.017	0.024	0.032	0.039	0.045	0.056	0.065	0.075	0.084	0.093	0.103	0.113
											A	0.004	0.008	0.012	0.016	0.020	0.023	0.029	0.033	0.038	0.043	0.048	0.053	0.058
■	■	■	■								B	0.006	0.011	0.017	0.022	0.026	0.031	0.038	0.044	0.051	0.058	0.064	0.071	0.077
											C	0.007	0.014	0.021	0.027	0.033	0.039	0.048	0.056	0.064	0.072	0.080	0.088	0.097
											D	0.009	0.017	0.025	0.032	0.040	0.046	0.057	0.067	0.076	0.086	0.096	0.106	0.116
											E	0.010	0.020	0.029	0.038	0.046	0.054	0.067	0.078	0.089	0.101	0.112	0.124	0.135
											F	0.012	0.023	0.033	0.043	0.053	0.062	0.076	0.089	0.102	0.115	0.128	0.141	0.154
											G	0.013	0.025	0.037	0.049	0.059	0.069	0.086	0.100	0.115	0.130	0.144	0.159	0.174
											H	0.014	0.028	0.042	0.054	0.066	0.077	0.095	0.111	0.127	0.144	0.160	0.177	0.193

 Förstahandsval
 Erittäin hyvä valinta
 Førstehåndsvalg
 Perfekt

 Andrahandsval
 Hyvä valinta
 Andrehåndsvalg
 God

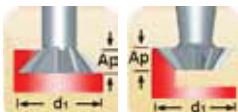
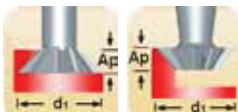
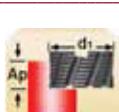
HSS HSS-E HSS-E
PM

Z	Z	Z	Z	Ø	Ae	Ap	Ø [mm]	fz [mm/Z] ± 25%	
2	3	4	>4	(x Ø)	(x Ø)	(x Ø)	Ø [mm]	fz [mm/Z] ± 25%	
							Ø 1 2 3 4 5 6 8 10 12 14 16 18 20 22 25 28 30 32 36 40 50		
							A 0.004 0.008 0.013 0.017 0.024 0.029 0.043 0.060 0.072 0.084 0.096 0.097 0.096 0.099 0.105 0.109 0.108 0.106 0.108 0.108 0.105		
■	●						B 0.004 0.007 0.012 0.015 0.022 0.026 0.039 0.054 0.065 0.076 0.086 0.087 0.086 0.089 0.095 0.098 0.097 0.095 0.097 0.097 0.095		
							C 0.003 0.006 0.011 0.014 0.019 0.023 0.035 0.049 0.058 0.068 0.078 0.079 0.078 0.080 0.085 0.088 0.087 0.086 0.087 0.087 0.085		
							D 0.004 0.007 0.011 0.014 0.020 0.024 0.037 0.051 0.061 0.071 0.081 0.082 0.081 0.084 0.089 0.099 0.091 0.097 0.091 0.101 0.101		
							E 0.007 0.012 0.018 0.024 0.035 0.042 0.063 0.087 0.105 0.122 0.140 0.141 0.140 0.144 0.153 0.171 0.157 0.168 0.157 0.175 0.175		
							F 0.007 0.009 0.013 0.018 0.021 0.025 0.033 0.041 0.050 0.055 0.064 0.072 0.079 0.079 0.085 0.085 0.085 0.085 0.085 0.085 0.085		
							G 0.026 0.034 0.036 0.043 0.050 0.057 0.064 0.071 0.071 0.054 0.053 0.054 0.053 0.053 0.054 0.053 0.053 0.053 0.056 0.057 0.060		
■	■	■	■				H 0.023 0.031 0.032 0.039 0.045 0.051 0.058 0.064 0.064 0.049 0.048 0.049 0.048 0.048 0.049 0.049 0.049 0.049 0.050 0.051 0.054		
							I 0.021 0.028 0.029 0.035 0.041 0.046 0.052 0.058 0.058 0.044 0.043 0.044 0.043 0.045 0.046 0.049 0.049 0.049 0.045 0.046 0.049		
							J 0.024 0.031 0.033 0.039 0.046 0.052 0.059 0.065 0.065 0.049 0.049 0.049 0.049 0.051 0.052 0.055 0.051 0.052 0.055 0.051 0.052 0.055		
							K 0.035 0.047 0.065 0.079 0.092 0.105 0.088 0.098 0.097 0.110 0.110 0.110 0.110 0.110 0.110 0.110 0.110 0.110 0.115 0.118 0.123		
							L 0.010 0.013 0.017 0.020 0.025 0.028 0.030 0.032 0.033 0.034 0.036 0.038 0.039 0.040 0.042 0.042 0.040 0.040 0.040 0.042 0.042		
							M 0.008 0.012 0.018 0.023 0.031 0.041 0.057 0.069 0.080 0.091 0.103 0.114 0.090 0.103 0.085 0.091 0.097 0.110 0.107 0.107 0.086		
■	■	●	■				N 0.007 0.011 0.016 0.021 0.028 0.037 0.051 0.062 0.072 0.082 0.093 0.103 0.081 0.093 0.077 0.082 0.087 0.099 0.096 0.096 0.077		
							O 0.006 0.010 0.015 0.019 0.025 0.033 0.046 0.056 0.065 0.074 0.083 0.092 0.073 0.083 0.069 0.074 0.079 0.089 0.087 0.087 0.070		
							P 0.007 0.010 0.016 0.020 0.027 0.035 0.049 0.059 0.069 0.079 0.088 0.098 0.078 0.088 0.073 0.079 0.084 0.094 0.092 0.092 0.074		
							Q 0.009 0.014 0.021 0.026 0.036 0.048 0.066 0.079 0.092 0.106 0.089 0.099 0.098 0.111 0.111 0.119 0.127 0.143 0.139 0.148		
							R 0.012 0.016 0.020 0.025 0.029 0.038 0.047 0.056 0.065 0.073 0.083 0.092 0.092 0.092 0.092 0.092 0.092 0.104 0.104 0.108 0.108		
							S 0.010 0.015 0.023 0.029 0.039 0.051 0.071 0.086 0.100 0.114 0.129 0.143 0.113 0.129 0.107 0.114 0.122 0.137 0.133 0.107		
■	■						T 0.009 0.014 0.021 0.026 0.035 0.046 0.064 0.077 0.090 0.103 0.116 0.129 0.102 0.116 0.096 0.103 0.110 0.123 0.120 0.096		
							U 0.008 0.012 0.019 0.023 0.032 0.041 0.058 0.070 0.081 0.092 0.104 0.116 0.092 0.104 0.087 0.092 0.099 0.111 0.108 0.087		
							V 0.009 0.013 0.020 0.025 0.033 0.044 0.061 0.074 0.086 0.098 0.110 0.123 0.097 0.110 0.092 0.098 0.105 0.118 0.115 0.092		
							X 0.012 0.017 0.026 0.033 0.045 0.059 0.082 0.099 0.115 0.132 0.111 0.124 0.122 0.139 0.139 0.148 0.158 0.178 0.173 0.186		
							Y 0.015 0.020 0.025 0.031 0.036 0.047 0.059 0.070 0.081 0.092 0.104 0.115 0.115 0.115 0.115 0.115 0.115 0.130 0.130 0.136 0.136		

Förstahandsval
Erittäin hyvä valinta
Förstehåndsvalg
Perfekt

Andrahandsval
Hyvä valinta
Andrehåndsvalg
God

HSS HSS-E HSS-E
PM

		 t_z	\emptyset [mm] f_z [mm/Z] $\pm 25\%$																	
		\emptyset	10	12	16	20	25	32	38	50	63	80	100	125	160	200	300	350		
C800		M	0.017	0.022	0.036	0.038	0.041	0.044	0.045	0.047										
C801		N	0.022	0.027	0.045	0.046	0.052	0.058	0.06	0.062										
C810		O	0.025	0.03	0.052	0.055	0.056	0.058	0.06	0.062										
C820		P	0.030	0.043	0.063	0.064	0.062	0.068	0.07	0.072										
C822		Q	0.045	0.048	0.063	0.064	0.066	0.068	0.07	0.072										
C825		R	0.055	0.07	0.115	0.119	0.123	0.126	0.128	0.13										
				\emptyset	10	12	16	20	25	32	38	50	63	80	100	125	160	200	300	350
C830		M	0.036	0.045	0.057	0.064	0.074	0.084												
C835		N	0.048	0.058	0.073	0.084	0.095	0.105												
C837		O	0.052	0.063	0.081	0.092	0.103	0.114												
C831		P	0.059	0.071	0.089	0.1	0.112	0.125												
		Q	0.072	0.088	0.106	0.12	0.133	0.147												
		R	0.079	0.095	0.114	0.13	0.143	0.157												
				\emptyset	10	12	16	20	25	32	38	50	63	80	100	125	160	200	300	350
C700		M	0.03	0.03	0.03	0.04	0.05	0.05												
C710		N	0.04	0.04	0.04	0.05	0.06	0.07												
		O	0.04	0.04	0.05	0.06	0.07	0.08												
		P	0.04	0.04	0.05	0.07	0.08	0.08												
		Q	0.05	0.05	0.07	0.08	0.09	0.10												
		R	0.06	0.06	0.07	0.09	0.10	0.11												
				\emptyset	10	12	16	20	25	32	38	50	63	80	100	125	160	200	300	350
D745		R							0.040		0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	
D747		S							0.020		0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	
D750		T							0.060		0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	
D751																				
D752																				
D753																				
			$Ap = 0.1 \times \emptyset$	\emptyset	10	12	16	20	25	32	38	50	63	80	100	125	160	200	300	350
D200		M									0.040	0.050	0.060	0.070	0.080	0.090	0.100			
D763		N									0.060	0.070	0.080	0.090	0.100	0.105	0.115			
		O									0.070	0.080	0.090	0.100	0.105	0.110	0.120			
		P									0.080	0.090	0.095	0.110	0.115	0.115	0.125			
		Q									0.090	0.100	0.105	0.110	0.115	0.125	0.135			
			$Ae = 0.75 \times \emptyset$	\emptyset	40	50	60	80	100	125										
D402		G	0.042	0.049	0.040	0.047	0.040	0.037												
D422		H	0.050	0.059	0.047	0.055	0.048	0.044												
		I	0.062	0.071	0.058	0.066	0.058	0.054												
		J	0.082	0.095	0.078	0.090	0.078	0.073												
		K	0.118	0.140	0.110	0.130	0.110	0.103												
		L	0.145	0.171	0.136	0.160	0.136	0.127												
		M	0.185	0.160	0.170	0.200	0.170	0.160												
		N	0.270	0.320	0.250	0.290	0.250	0.230												
			$Ae = 0.75 \times \emptyset$	\emptyset	40	50	60	80	100											
D400		G	0.042	0.049	0.040	0.047	0.040													
D420		H	0.050	0.059	0.047	0.055	0.048													
		I	0.062	0.071	0.058	0.066	0.058													
		J	0.082	0.095	0.078	0.090	0.078													
		K	0.118	0.140	0.110	0.130	0.110													
		L	0.145	0.171	0.136	0.160	0.136													
		M	0.185	0.160	0.170	0.200	0.170													
		N	0.270	0.320	0.250	0.290	0.250													

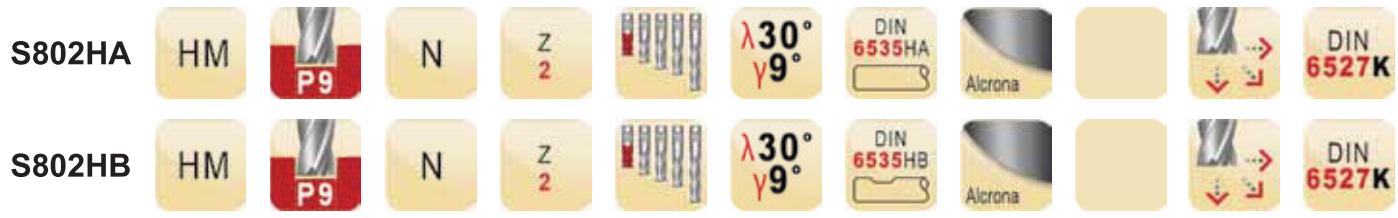
	Val av tanddelning Hammasjaon valinta Tanddelings valg Valg af tanddeling								
	<1.0 mm	1.0 - 1.5 mm	1.5 - 2.0 mm	2.0 - 3.0 mm	3.0 - 4.0 mm	>4.0 mm	10 - 20 mm	20 - 40 mm	40 - 60 mm
1.1	3	4	5	5	6	7	5	8	P 1
1.2	3	4	4	5	6	7	5	6	P 1
1.3	3	4	4	5	6	7	5	6	P 2
1.4	3	4	4	5	6	7	5	6	P 3
1.5	3	3	4	5	5	6	5	6	P 4
1.6									H 1
1.7									H 3
1.8									H 4
2.1	3	4	5	5	6	6	5	6	M 1
2.2	3	4	5	5	6	6	5	6	M 3
2.3	3	4	5	5	6	6	5	6	M 2
2.4	3	4	5	5	6	6	5	6	S 2
3.1							6	8	K 1
3.2							6	8	K 2
3.3							6	8	K 3
3.4							6	8	K 4
4.1									S 1
4.2									S 2
4.3									S 3
5.1									S 1
5.2									S 2
5.3									S 3
6.1	4	5	6	7	8	8	6	8	N 3
6.2	4	5	6	7	8	8	8		N 4
6.3	4	5	6	7	8	8	8		N 3
6.4	4	5	6	7	8		6	8	N 4
7.1	4	5	6	7	8	8	6	8	N 1
7.2	4	5	6	7	8	8	6	8	N 1
7.3	4	5	6	7	8	8	6	8	N 1
7.4	4	5	6	7	8	8	6	8	N 2
8.1									O
8.2									O
8.3									O
9.1									H
10.1									O



Rör
Putki
Rør
Rør



Stång
Tanko
Stang
Stang



S802HA S802HB

- Spårfräser
- Kiilauryjrsimet
- Sporfresere
- Sporfræsere

S802HA; S802HB	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	3.1	3.2	3.3	3.4	6.2	6.3	6.4	7.2	7.3	7.4
	■	2.3	2.4	4.1	4.2	5.1	5.2	6.1	7.1	8.1	8.2								



d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	S802HA	S802HB
1.00	3	3	38	2	S802HA1.0	
1.50	3	3	38	2	S802HA1.5	
1.80	6	3	50	2	S802HA1.8	S802HB1.8
2.00	6	3	50	2	S802HA2.0	S802HB2.0
2.50	6	3	50	2	S802HA2.5	S802HB2.5
2.80	6	4	50	2	S802HA2.8	S802HB2.8
3.00	6	4	50	2	S802HA3.0	S802HB3.0
3.50	6	4	50	2	S802HA3.5	S802HB3.5
3.80	6	5	54	2	S802HA3.8	S802HB3.8
4.00	6	5	54	2	S802HA4.0	S802HB4.0
4.50	6	5	54	2	S802HA4.5	S802HB4.5
4.80	6	6	54	2	S802HA4.8	S802HB4.8
5.00	6	6	54	2	S802HA5.0	S802HB5.0
5.75	6	7	54	2	S802HA5.75	S802HB5.75
6.00	6	7	54	2	S802HA6.0	S802HB6.0
6.75	8	8	58	2	S802HA6.75	S802HB6.75
7.00	8	8	58	2	S802HA7.0	S802HB7.0
7.75	8	9	58	2	S802HA7.75	S802HB7.75
8.00	8	9	58	2	S802HA8.0	S802HB8.0
9.00	10	10	66	2	S802HA9.0	S802HB9.0
9.70	10	11	66	2	S802HA9.7	S802HB9.7
10.00	10	11	66	2	S802HA10.0	S802HB10.0
11.70	12	12	73	2	S802HA11.7	S802HB11.7
12.00	12	12	73	2	S802HA12.0	S802HB12.0
13.70	14	14	75	2	S802HA13.7	S802HB13.7
14.00	14	14	75	2	S802HA14.0	S802HB14.0
15.70	16	16	82	2	S802HA15.7	S802HB15.7
16.00	16	16	82	2	S802HA16.0	S802HB16.0
17.70	18	18	84	2	S802HA17.7	S802HB17.7
18.00	18	18	84	2	S802HA18.0	S802HB18.0
19.70	20	20	92	2	S802HA19.7	S802HB19.7
20.00	20	20	92	2	S802HA20.0	S802HB20.0

S812HA	HM	P9	N	Z 2		$\lambda 30^\circ$	$\gamma 9^\circ$	DIN 6535HA	Alcrona			DIN 6527L
S812HB	HM	P9	N	Z 2		$\lambda 30^\circ$	$\gamma 9^\circ$	DIN 6535HB	Alcrona			DIN 6527L

S812HA • Spårfräser
S812HB • Kiilaurajyrsimet
 • Sporfresere
 • Sporfræsere

S812HA; S812HB	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	5.1	5.2
		6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	8.2							



d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S812HA	S812HB
2.00	6	6	57	2	S812HA2.0	S812HB2.0
2.50	6	7	57	2	S812HA2.5	S812HB2.5
3.00	6	7	57	2	S812HA3.0	S812HB3.0
3.50	6	7	57	2	S812HA3.5	S812HB3.5
4.00	6	8	57	2	S812HA4.0	S812HB4.0
4.50	6	8	57	2	S812HA4.5	S812HB4.5
5.00	6	10	57	2	S812HA5.0	S812HB5.0
6.00	6	10	57	2	S812HA6.0	S812HB6.0
7.00	8	13	63	2	S812HA7.0	S812HB7.0
8.00	8	16	63	2	S812HA8.0	S812HB8.0
9.00	10	16	72	2	S812HA9.0	S812HB9.0
10.00	10	19	72	2	S812HA10.0	S812HB10.0
12.00	12	22	83	2	S812HA12.0	S812HB12.0
14.00	14	22	83	2	S812HA14.0	S812HB14.0
16.00	16	26	92	2	S812HA16.0	S812HB16.0
18.00	18	26	92	2	S812HA18.0	S812HB18.0
20.00	20	32	104	2	S812HA20.0	S812HB20.0



S803HA S803HB

- Spårfräser
- Kiilaurajyrsimet
- Sporfresere
- Sporfræsere

S803HA; S803HB	▪	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	3.1	3.2	3.3	3.4	6.2	6.3	6.4	7.2	7.3	7.4
	▪	2.3	2.4	4.1	4.2	5.1	5.2	6.1	7.1	8.1	8.2								



d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	S803HA	S803HB
1.00	3	3	38	3	S803HA1.0	
1.50	3	3	38	3	S803HA1.5	
1.80	6	3	50	3	S803HA1.8	S803HB1.8
2.00	6	3	50	3	S803HA2.0	S803HB2.0
2.50	6	3	50	3	S803HA2.5	S803HB2.5
2.80	6	4	50	3	S803HA2.8	S803HB2.8
3.00	6	4	50	3	S803HA3.0	S803HB3.0
3.50	6	4	50	3	S803HA3.5	S803HB3.5
3.80	6	5	54	3	S803HA3.8	S803HB3.8
4.00	6	5	54	3	S803HA4.0	S803HB4.0
4.50	6	5	54	3	S803HA4.5	S803HB4.5
4.80	6	6	54	3	S803HA4.8	S803HB4.8
5.00	6	6	54	3	S803HA5.0	S803HB5.0
5.75	6	7	54	3	S803HA5.75	S803HB5.75
6.00	6	7	54	3	S803HA6.0	S803HB6.0
6.75	8	8	58	3	S803HA6.75	S803HB6.75
7.00	8	8	58	3	S803HA7.0	S803HB7.0
7.75	8	9	58	3	S803HA7.75	S803HB7.75
8.00	8	9	58	3	S803HA8.0	S803HB8.0
9.00	10	10	66	3	S803HA9.0	S803HB9.0
9.70	10	11	66	3	S803HA9.7	S803HB9.7
10.00	10	11	66	3	S803HA10.0	S803HB10.0
11.70	12	12	73	3	S803HA11.7	S803HB11.7
12.00	12	12	73	3	S803HA12.0	S803HB12.0
13.70	14	14	75	3	S803HA13.7	S803HB13.7
14.00	14	14	75	3	S803HA14.0	S803HB14.0
15.70	16	16	82	3	S803HA15.7	S803HB15.7
16.00	16	16	82	3	S803HA16.0	S803HB16.0
17.70	18	18	84	3	S803HA17.7	S803HB17.7
18.00	18	18	84	3	S803HA18.0	S803HB18.0
19.70	20	20	92	3	S803HA19.7	S803HB19.7
20.00	20	20	92	3	S803HA20.0	S803HB20.0

S813HA	HM	P9	N	Z 3		$\lambda 30^\circ$	$\gamma 9^\circ$	DIN 6535HA	Alcrona		V	DIN 6527L
S813HB	HM	P9	N	Z 3		$\lambda 30^\circ$	$\gamma 9^\circ$	DIN 6535HB	Alcrona		V	DIN 6527L

- S813HA** • Spårfräser
S813HB • Kiilaurajyrsimet
 • Sporfresere
 • Sporfræsere

S813HA; S813HB	■	1.1	1.2	1.3	1.4	1.5	2.1	3.1	3.2	3.3	3.4	6.2	6.3	6.4	7.2	7.3	7.4
	■	1.6	2.2	2.3	4.1	4.2	5.1	5.2	6.1	7.1	8.1	8.2					



d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S813HA	S813HB
2.00	6	6	57	3	S813HA2.0	S813HB2.0
2.50	6	7	57	3	S813HA2.5	S813HB2.5
3.00	6	7	57	3	S813HA3.0	S813HB3.0
3.50	6	7	57	3	S813HA3.5	S813HB3.5
4.00	6	8	57	3	S813HA4.0	S813HB4.0
4.50	6	8	57	3	S813HA4.5	S813HB4.5
5.00	6	10	57	3	S813HA5.0	S813HB5.0
6.00	6	10	57	3	S813HA6.0	S813HB6.0
7.00	8	13	63	3	S813HA7.0	S813HB7.0
8.00	8	16	63	3	S813HA8.0	S813HB8.0
9.00	10	16	72	3	S813HA9.0	S813HB9.0
10.00	10	19	72	3	S813HA10.0	S813HB10.0
12.00	12	22	83	3	S813HA12.0	S813HB12.0
14.00	14	22	83	3	S813HA14.0	S813HB14.0
16.00	16	26	92	3	S813HA16.0	S813HB16.0
18.00	18	26	92	3	S813HA18.0	S813HB18.0
20.00	20	32	104	3	S813HA20.0	S813HB20.0



- S710**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere

S710 ■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 4.2 5.2



S710



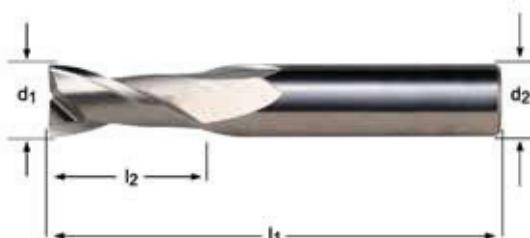
1.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S710
1.00	3	3	40	2	S7101.0
1.50	3	4.5	40	2	S7101.5
2.00	3	6.5	40	2	S7102.0
2.50	3	6.5	40	2	S7102.5
3.00	6	9	50	2	S7103.0
4.00	6	12	50	2	S7104.0
5.00	6	15	50	2	S7105.0
6.00	6	20	60	2	S7106.0
8.00	8	20	64	2	S7108.0
10.00	10	22	75	2	S71010.0
12.00	12	25	75	2	S71012.0
14.00	14	32	90	2	S71014.0
16.00	16	32	90	2	S71016.0
20.00	20	38	100	2	S71020.0



S902 • Pinnfräser
S922 • Varsiyrsimet
 • Pinnefresere
 • Sporfræsere

S902	■	1.1	1.2	1.3	1.4	3.1	3.3	4.1	5.1	6.1	6.2	6.3			
	●	1.5	3.2	3.4	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3		
S922	■	1.1	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3
	●	1.6	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3				



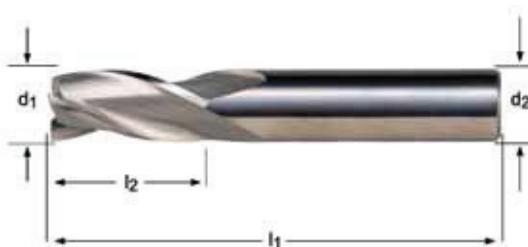
d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S902	S922
2.00	3	6	38	2	S9022.0	S9222.0
2.50	3	9	38	2	S9022.5	S9222.5
3.00	3	12	38	2	S9023.0	S9223.0
4.00	4	14	50	2	S9024.0	S9224.0
5.00	5	16	50	2	S9025.0	S9225.0
6.00	6	19	57	2	S9026.0	S9226.0
7.00	8	19	63	2	S9027.0	S9227.0
8.00	8	19	63	2	S9028.0	S9228.0
9.00	10	21	72	2	S9029.0	S9229.0
10.00	10	22	72	2	S90210.0	S92210.0
12.00	12	25	73	2	S90212.0	S92212.0
14.00	14	30	83	2	S90214.0	S92214.0
16.00	16	32	92	2	S90216.0	S92216.0
18.00	18	32	92	2	S90218.0	S92218.0
20.00	20	38	104	2	S90220.0	S92220.0

¹⁾ Cylindriskt Skaf / Lieriöversi / sylinderisk skaft / Cylindrisk skaft



- S903** • Pinnfräser
 • Varsijyrsimet
 • Pinnefresere
 • Sporfræsere
- S933**

S903	■	1.1	1.2	1.3	1.4	3.1	3.3	4.1	5.1	6.1	6.2	6.3			
	●	1.5	3.2	3.4	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3		
S933	■	1.1	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3
	●	1.6	4.2	4.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3				



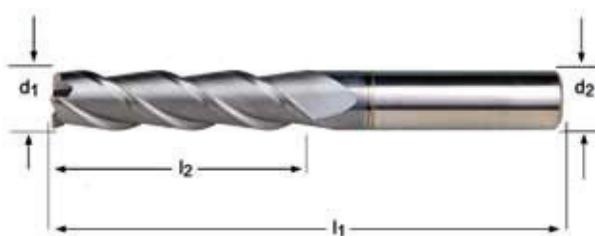
d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	S903	S933
2.00	3	6	38	3	S9032.0	S9332.0
2.50	3	9	38	3	S9032.5	S9332.5
3.00	3	12	38	3	S9033.0	S9333.0
4.00	4	14	50	3	S9034.0	S9334.0
5.00	5	16	50	3	S9035.0	S9335.0
6.00	6	19	57	3	S9036.0	S9336.0
7.00	8	19	63	3	S9037.0	S9337.0
8.00	8	19	63	3	S9038.0	S9338.0
9.00	10	21	72	3	S9039.0	S9339.0
10.00	10	22	72	3	S90310.0	S93310.0
12.00	12	25	73	3	S90312.0	S93312.0
14.00	14	30	83	3	S90314.0	S93314.0
16.00	16	32	92	3	S90316.0	S93316.0
18.00	18	32	92	3	S90318.0	S93318.0
20.00	20	38	104	3	S90320.0	S93320.0

¹⁾ Cylindriskt Skaft / Lieriöversi / cylindrisk skaft / Cylindrisk skaft



- Pinnfräser
- Varsiijyrsimet
- Pinnefresere
- Sporfræsere

S714	■	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2	6.1	6.2	6.3	6.4	7.1	7.2	7.3
		7.4																			


S714

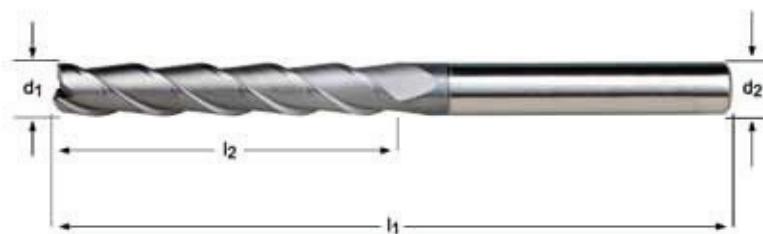

3.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S714
3.00	3	19	60	3	S7143.0
4.00	4	19	60	3	S7144.0
5.00	5	19	60	3	S7145.0
6.00	6	31	75	3	S7146.0
8.00	8	31	75	3	S7148.0
10.00	10	31	75	3	S71410.0
12.00	12	50	100	3	S71412.0
14.00	14	57	125	3	S71414.0
16.00	16	57	125	3	S71416.0
18.00	18	57	125	3	S71418.0
20.00	20	57	125	3	S71420.0



- S715**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere

S715 ■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 4.2 5.2



S715



3.00 - 20.00

d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S715
3.00	3	25	100	3	S7153.0
4.00	4	31	100	3	S7154.0
5.00	5	31	100	3	S7155.0
6.00	6	38	100	3	S7156.0
8.00	8	41	100	3	S7158.0
10.00	10	57	125	3	S71510.0
12.00	12	75	150	3	S71512.0
14.00	14	75	150	3	S71514.0
16.00	16	75	150	3	S71516.0
18.00	18	75	150	3	S71518.0
20.00	20	75	150	3	S71520.0



- S637**
- Pinnfräser
 - Varsijsimmet
 - Pinnefresere
 - Sporfræsere

S637 ■ **6.1** **6.2** **6.3** **6.4** **7.1** **7.2** **7.3** **7.4** **8.1** **8.2**



d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S637
2.00	2	10	40	1	S6372.0
3.00	3	12	40	1	S6373.0
4.00	4	15	50	1	S6374.0
5.00	5	16	50	1	S6375.0
6.00	6	20	60	1	S6376.0
8.00	8	22	63	1	S6378.0
10.00	10	25	72	1	S63710.0
12.00	12	30	83	1	S63712.0



- S638**
- Pinnfräsar
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere

Reducerad skaftdiameter
Ohennettu varsi
Redusert skaft
Reduceret skaft

S638 ■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2



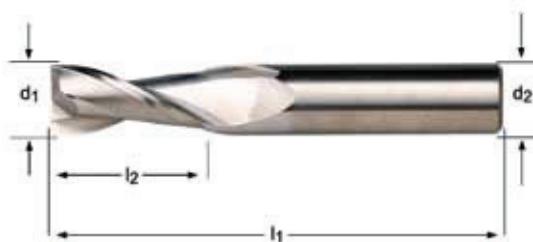
6.20 - 20.30

d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S638
6.20	6	8	100	2	S6386.2
8.20	8	10	100	2	S6388.2
10.30	10	14	125	2	S63810.3
12.30	12	16	125	2	S63812.3
16.30	16	20	125	2	S63816.3
20.30	20	25	125	2	S63820.3



- S610**
- Pinnfräser
 - Varsiijyrsimet
 - Pinnefresere
 - Sporfræsere

S610 ■ **6.1** **6.2** **6.3** **6.4** **7.1** **7.2** **7.3** **7.4** **8.1** **8.2**



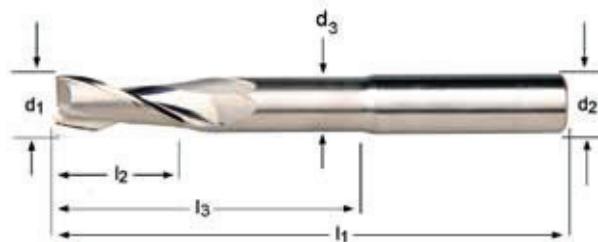
3.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S610
3.00	3	9	40	2	S6103.0XD3
3.00	6	9	50	2	S6103.0XD6
4.00	4	12	50	2	S6104.0XD4
4.00	6	12	50	2	S6104.0XD6
5.00	6	15	50	2	S6105.0
6.00	6	20	60	2	S6106.0
8.00	8	20	64	2	S6108.0
10.00	10	22	70	2	S61010.0
12.00	12	25	75	2	S61012.0
14.00	14	32	90	2	S61014.0
16.00	16	32	90	2	S61016.0
20.00	20	38	100	2	S61020.0



- S611**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere

S611 ■ **6.1** **6.2** **6.3** **6.4** **7.1** **7.2** **7.3** **7.4** **8.1** **8.2**



S611



6.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S611
6.00	6	16	80	2	40.0	5.5	S6116.0
8.00	8	20	80	2	40.0	7.4	S6118.0
10.00	10	22	100	2	60.0	9.2	S61110.0
12.00	12	25	100	2	60.0	11.0	S61112.0
14.00	14	32	125	2	85.0	13.0	S61114.0
16.00	16	32	125	2	85.0	15.0	S61116.0
20.00	20	38	125	2	85.0	19.0	S61120.0

S804HA											
S804HB											

S804HA • Pinnfräser
S804HB • Varsijyrsimet
 • Pinnefresere
 • Sporfræsere

S804HA; S804HB	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	3.1	3.2	3.3	3.4	6.2	6.3	6.4
	•	2.3	2.4	4.1	4.2	5.1	5.2	6.1	7.1	7.2	7.3	7.4	8.1	8.2		



d ₁ Ø mm	d ₂ Ø h ₆ mm	l ₂ mm	l ₁ mm	z	S804HA	S804HB
2.00	6	4	50	4	S804HA2.0	S804HB2.0
3.00	6	5	50	4	S804HA3.0	S804HB3.0
4.00	6	8	54	4	S804HA4.0	S804HB4.0
5.00	6	9	54	4	S804HA5.0	S804HB5.0
6.00	6	10	54	4	S804HA6.0	S804HB6.0
8.00	8	12	58	4	S804HA8.0	S804HB8.0
10.00	10	14	66	4	S804HA10.0	S804HB10.0
12.00	12	16	73	4	S804HA12.0	S804HB12.0
16.00	16	22	82	4	S804HA16.0	S804HB16.0
20.00	20	26	92	4	S804HA20.0	S804HB20.0
25.00	25	32	121	4	S804HA25.0	S804HB25.0

S219


A/TIN



- Pinnfräser
- Varsijyrsimet
- Pinnefresere
- Sporfræsere

S219 ■ **1.6** **2.3** **2.4** **4.3** **5.3**

S219


3.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S219
3.00	3	5	60	4	30.0	2.8	S2193.0
4.00	4	8	60	4	32.0	3.7	S2194.0
5.00	5	9	60	4	32.0	4.6	S2195.0
6.00	6	10	75	4	40.0	5.5	S2196.0
8.00	8	12	75	4	40.0	7.4	S2198.0
10.00	10	14	75	4	40.0	9.2	S21910.0
12.00	12	16	100	4	60.0	11.0	S21912.0
14.00	14	22	125	4	85.0	13.0	S21914.0
16.00	16	22	125	4	85.0	15.0	S21916.0
18.00	18	26	125	4	85.0	17.0	S21918.0
20.00	20	26	125	4	85.0	19.0	S21920.0

S814HA										
S814HB										

S814HA • Pinnfräsar S814HB • Varsijyrsimet • Pinnefresere • Sporfræsere

S814HA; S814HB	■	1.1	1.2	1.3	1.4	1.5	2.1	3.1	3.2	3.3	3.4	6.2	6.3	6.4	
	■	1.6	2.2	2.3	4.1	4.2	5.1	5.2	6.1	7.1	7.2	7.3	7.4	8.1	8.2



d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S814HA	S814HB
2.00	6	7	57	4	S814HA2.0	S814HB2.0
3.00	6	8	57	4	S814HA3.0	S814HB3.0
4.00	6	11	57	4	S814HA4.0	S814HB4.0
5.00	6	13	57	4	S814HA5.0	S814HB5.0
6.00	6	13	57	4	S814HA6.0	S814HB6.0
8.00	8	19	63	4	S814HA8.0	S814HB8.0
10.00	10	22	72	4	S814HA10.0	S814HB10.0
12.00	12	26	83	4	S814HA12.0	S814HB12.0
16.00	16	32	92	4	S814HA16.0	S814HB16.0
20.00	20	38	104	4	S814HA20.0	S814HB20.0
25.00	25	45	121	4	S814HA25.0	S814HB25.0



- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere
- S612**

S612 • 10.1



S612



1.00 - 12.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S612
1.00	3	3	40	4	S6121.0
1.50	3	4.5	40	4	S6121.5
2.00	3	6.5	40	4	S6122.0
2.50	3	6.5	40	4	S6122.5
3.00	3	9	40	4	S6123.0
4.00	4	12	50	4	S6124.0
5.00	5	15	50	4	S6125.0
6.00	6	20	60	4	S6126.0
8.00	8	20	64	4	S6128.0
10.00	10	22	70	4	S61210.0
12.00	12	25	75	4	S61212.0



- Pinnfräsar
- Varsiijyrsimet
- Pinnefresere
- Sporfræsere

S216 ■ 1.6 2.3 2.4 4.3 5.3



S216



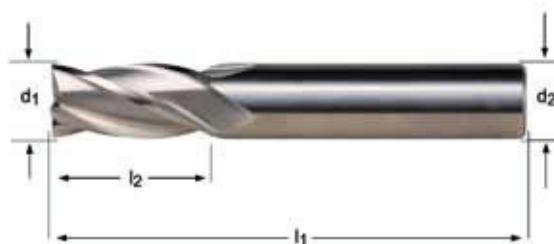
2.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S216
2.00	4	6.5	40	4	S2162.0
3.00	3	9	40	4	S2163.0XD3
3.00	6	9	50	4	S2163.0XD6
4.00	4	12	50	4	S2164.0XD4
4.00	6	12	50	4	S2164.0XD6
5.00	5	15	50	4	S2165.0
6.00	6	16	50	4	S2166.0
8.00	8	20	64	4	S2168.0
10.00	10	22	70	4	S21610.0
12.00	12	25	75	4	S21612.0
14.00	14	32	90	4	S21614.0
16.00	16	32	90	4	S21616.0
18.00	18	38	100	4	S21618.0
20.00	20	38	100	4	S21620.0



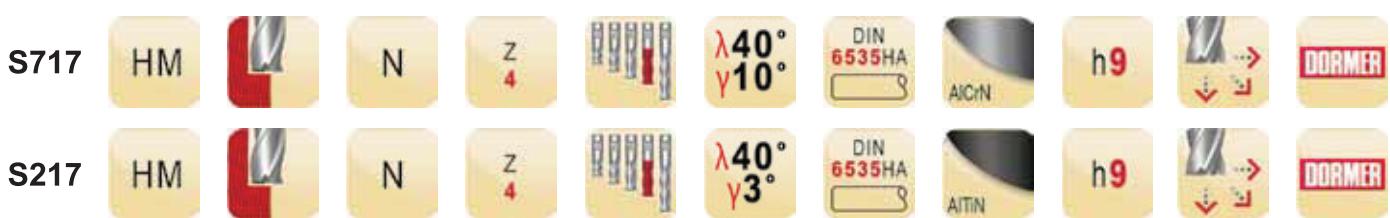
- S904** • Pinnfräser
 • Varsijyrsimet
 • Pinnefresere
 • Sporfræsere
- S944**

S904	■	1.1	1.2	1.3	1.4	3.1	3.3	4.1	5.1	6.1	6.2	6.3				
	●	1.5	1.6	3.2	3.4	4.2	4.3	5.2	5.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3
S944	■	1.1	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3	
	●	1.6	4.2	4.3	5.2	5.3	6.4	7.1	7.2	7.3	8.1	8.2	8.3			



d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S904	S944
2.00	3	6	38	4	S9042.0	S9442.0
2.50	3	9	38	4	S9042.5	S9442.5
3.00	3	12	38	4	S9043.0	S9443.0
4.00	4	14	50	4	S9044.0	S9444.0
5.00	5	16	50	4	S9045.0	S9445.0
6.00	6	19	57	4	S9046.0	S9446.0
7.00	8	19	63	4	S9047.0	S9447.0
8.00	8	19	63	4	S9048.0	S9448.0
9.00	10	21	72	4	S9049.0	S9449.0
10.00	10	22	72	4	S90410.0	S94410.0
12.00	12	25	73	4	S90412.0	S94412.0
14.00	14	30	83	4	S90414.0	S94414.0
16.00	16	32	92	4	S90416.0	S94416.0
18.00	18	32	92	4	S90418.0	S94418.0
20.00	20	38	104	4	S90420.0	S94420.0

¹⁾ Cylindriskt Skaft / Lieriöversi / cylindrisk skaft / Cylindrisk skaft



S717

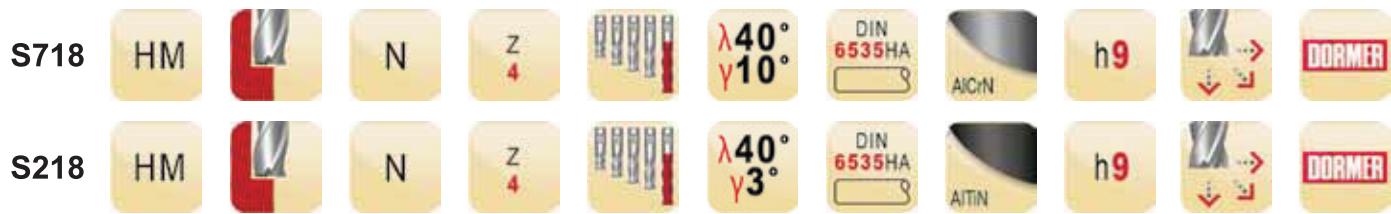
- Pinnfräser
- Varsijsyrsimet
- Pinnefresere
- Sporfræsere

S217

S717	■	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2
S217	■	1.6	2.3	2.4	4.3	5.3								



d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	S717	S217
3.00	3	19	60	4	S7173.0	S2173.0XD3
3.00	6	19	75	4		S2173.0XD6
4.00	4	19	60	4	S7174.0	S2174.0XD4
4.00	6	19	75	4		S2174.0XD6
5.00	5	19	60	4	S7175.0	S2175.0
6.00	6	31	75	4	S7176.0	S2176.0
8.00	8	31	75	4	S7178.0	S2178.0
10.00	10	31	75	4	S71710.0	S21710.0
12.00	12	50	100	4	S71712.0	S21712.0
14.00	14	57	125	4	S71714.0	S21714.0
16.00	16	57	125	4	S71716.0	S21716.0
18.00	18	57	125	4	S71718.0	S21718.0
20.00	20	57	125	4	S71720.0	S21720.0



- S718** • Pinnfräser
S218 • Varsijyrsimet
 • Pinnefresere
 • Sporfræsere

S718	■	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2
S218	■	1.6	2.3	2.4	4.3	5.3								



d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S718	S218
3.00	3	25	100	4	S7183.0	S2183.0
4.00	4	31	100	4	S7184.0	S2184.0
5.00	5	31	100	4	S7185.0	S2185.0
6.00	6	38	100	4	S7186.0	S2186.0
8.00	8	41	100	4	S7188.0	S2188.0
10.00	10	57	125	4	S71810.0	S21810.0
12.00	12	75	150	4	S71812.0	S21812.0
14.00	14	75	150	4	S71814.0	S21814.0
16.00	16	75	150	4	S71816.0	S21816.0
18.00	18	75	150	4	S71818.0	S21818.0
20.00	20	75	150	4	S71820.0	S21820.0

S761	HM		N		Z 4			λ 40°	γ 10°	DIN 6535HA	AIC/N	h9		
S260	HM		N		Z 4			λ 40°	γ 4°	DIN 6535HA	AIC/N	h9		

S761

- Pinnfräser
- Varsiijyrsimet
- Pinnefresere
- Sporfræsere

S260

S761	■	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2
S260	■	1.6	1.7	2.3	2.4	4.3	5.3							

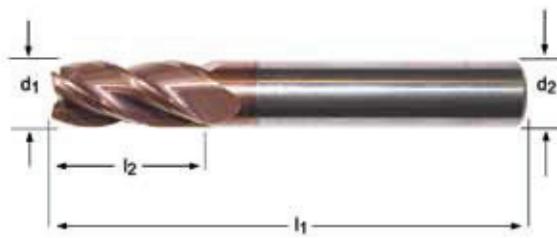


d ₁ Ø mm	d ₂ Ø h ₆ mm	l ₂ mm	l ₁ mm	z	S761	S260
3.00	6	9	57	4	S7613.0	S2603.0
4.00	6	12	57	4	S7614.0	S2604.0
5.00	6	13	57	4	S7615.0	S2605.0
6.00	6	13	57	4	S7616.0	S2606.0
8.00	8	20	64	4	S7618.0	S2608.0
10.00	10	22	72	4	S76110.0	S26010.0
12.00	12	26	83	4	S76112.0	S26012.0
14.00	14	32	83	4	S76114.0	S26014.0
16.00	16	32	92	4	S76116.0	S26016.0
18.00	18	38	92	4		S26018.0
20.00	20	38	104	4	S76120.0	S26020.0



- S766**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere

S766 ■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 4.2 5.2

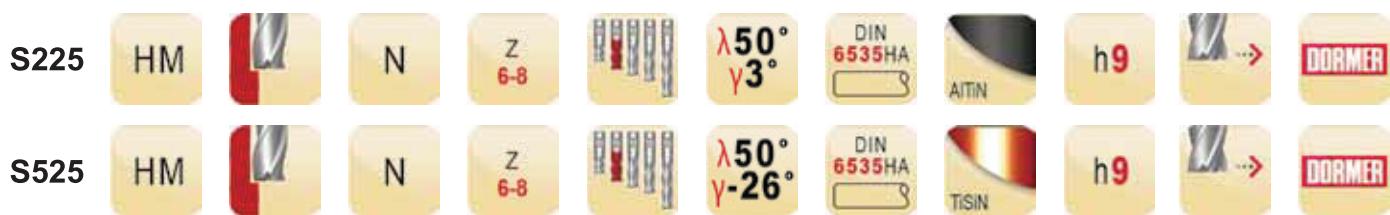


S766



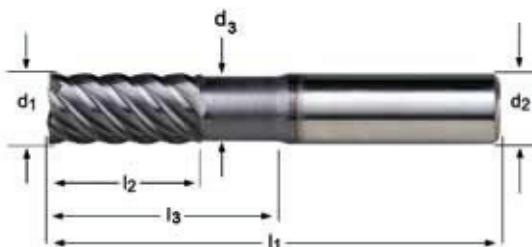
4.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S766
4.00	6	11	57	4	S7664.0
5.00	6	13	57	4	S7665.0
6.00	6	13	57	4	S7666.0
8.00	8	20	64	4	S7668.0
10.00	10	22	72	4	S76610.0
12.00	12	26	83	4	S76612.0
14.00	14	26	83	4	S76614.0
16.00	16	32	92	4	S76616.0
20.00	20	38	104	4	S76620.0

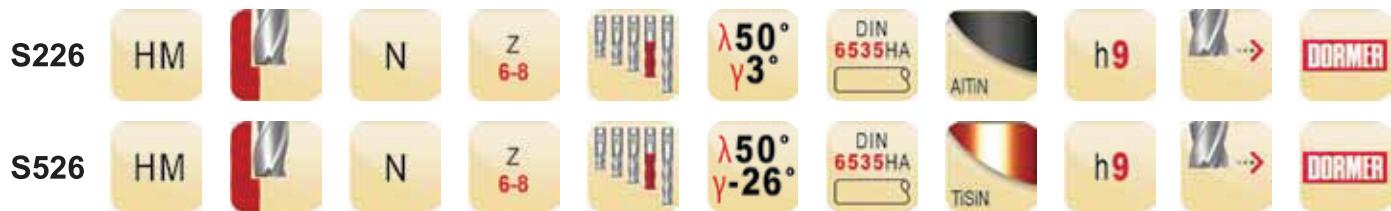


- S225**
- Pinnfräs för finfräsning
 - Varsijyrsimet, viimeistelyyn
 - Finfres pinnefres
 - Sletfræser
- S525**

S225	■	1.6	2.3	2.4	4.3	5.3
S525	■	1.7	1.8			



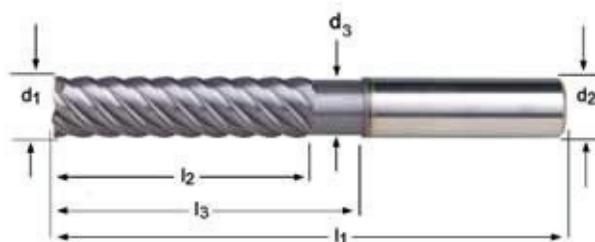
d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	l ₃ mm	d ₃ Ø mm	S225	S525
3.00	6	8	50	6	20.0	2.8	S2253.0	S5253.0
4.00	6	11	50	6	20.0	3.7	S2254.0	S5254.0
6.00	6	15	50	6	20.0	5.5	S2256.0	S5256.0
8.00	8	20	64	6	30.0	7.4	S2258.0	S5258.0
10.00	10	22	70	6	32.0	9.2	S22510.0	S52510.0
12.00	12	25	75	6	37.0	11.0	S22512.0	S52512.0
14.00	14	30	90	6	44.0	13.0	S22514.0	S52514.0
16.00	16	30	90	8	46.0	15.0	S22516.0	S52516.0
18.00	18	35	100	8	53.0	17.0	S22518.0	S52518.0
20.00	20	38	100	8	58.0	19.0	S22520.0	S52520.0



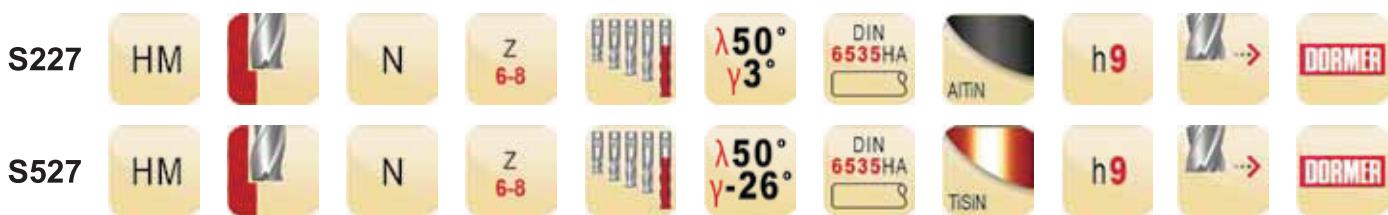
- S226**
- Pinnfräs för finfräsning
 - Varsijyrsimet, viimeistelyyn
 - Finfres pinnefres
 - Sletfræser
- S526**

S226 ■ 1.6 2.3 2.4 4.3 5.3

S526 ■ 1.7 1.8



d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	l ₃ mm	d ₃ Ø mm	S226	S526
3.00	6	19	75	6	30.0	2.8	S2263.0	S5263.0
4.00	6	19	75	6	32.0	3.7	S2264.0	S5264.0
6.00	6	31	75	6	40.0	5.5	S2266.0	S5266.0
8.00	8	31	75	6	40.0	7.4	S2268.0	S5268.0
10.00	10	45	100	6	60.0	9.2	S22610.0	S52610.0
12.00	12	50	100	6	60.0	11.0	S22612.0	S52612.0
14.00	14	57	125	6	85.0	13.0	S22614.0	S52614.0
16.00	16	57	125	8	85.0	15.0	S22616.0	S52616.0
18.00	18	57	125	8	85.0	17.0	S22618.0	S52618.0
20.00	20	57	125	8	85.0	19.0	S22620.0	S52620.0



- S227**
- Pinnfräs för finfräsning
 - Varsijyrsimet, viimeistelyyn
 - Finfres pinnefres
 - Slefpræser
- S527**

S227 ■ 1.6 2.3 2.4 4.3 5.3

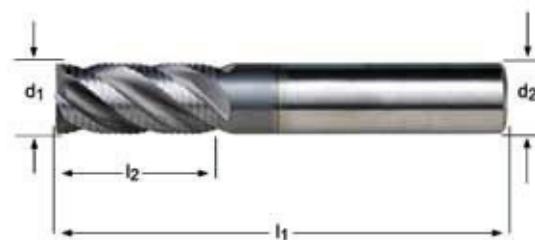
S527 ■ 1.7 1.8



d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S227	S527
3.00	6	25	100	6	60.0	2.8		S5273.0
4.00	6	31	100	6	60.0	3.7		S5274.0
6.00	6	38	100	6	60.0	5.5	S2276.0	S5276.0
8.00	8	41	100	6	60.0	7.4	S2278.0	S5278.0
10.00	10	57	125	6	85.0	9.2	S22710.0	S52710.0
12.00	12	75	150	6	110.0	11.0	S22712.0	S52712.0
14.00	14	75	150	6	110.0	13.0	S22714.0	S52714.0
16.00	16	75	150	8	110.0	15.0	S22716.0	S52716.0
18.00	18	75	150	8	110.0	17.0	S22718.0	S52718.0
20.00	20	75	150	8	110.0	19.0	S22720.0	S52720.0

S765


- Spåndelande Pinnfrästar
- Rouhintaajrysimet
- Spondelende Pinnefresere
- Spåndelende Sporfræsere

S765 ■ **1.1** **1.2** **1.3** **1.4** **1.5** **2.1** **2.2** **3.1** **3.2** **3.3** **3.4** **4.2** **5.2**

S765


6.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S765
6.00	6	16	50	4	S7656.0
8.00	8	20	64	4	S7658.0
10.00	10	22	70	4	S76510.0
12.00	12	26	75	4	S76512.0
14.00	14	32	90	4	S76514.0
16.00	16	32	90	4	S76516.0
18.00	18	38	100	4	S76518.0
20.00	20	38	100	4	S76520.0



- Spåndelande Pinnfräser
 - Rouhintajyrsimet
 - Spondelende Pinnefresere
 - Spåndelende Sporfræsere
- S264**

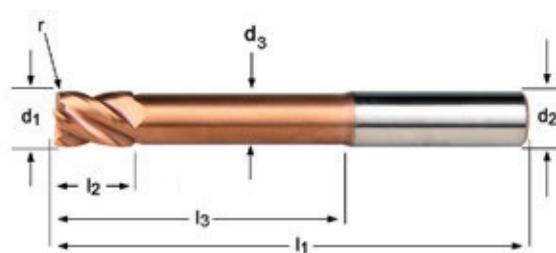
S264 ■ 1.6 1.7 2.3 2.4 4.3 5.3



d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S264
6.00	6	13	57	4	S2646.0
8.00	8	20	64	4	S2648.0
10.00	10	22	72	4	S26410.0
12.00	12	26	83	4	S26412.0
14.00	14	26	83	4	S26414.0
16.00	16	32	92	4	S26416.0
18.00	18	32	92	4	S26418.0
20.00	20	38	104	4	S26420.0

S524


- Pinnfräser Med Hörnradier
 - Varsijyrsimet, säteelliset nurkat
 - Pinnefresere Med Hjørneradie
 - Sporfræsere Med Hjørneradie
- S524**

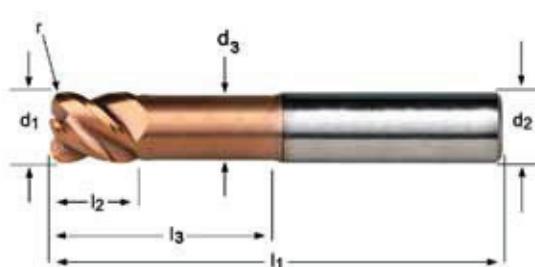
S524 ■ 1.7 | 1.8


d₁ Ø mm	r ±0.01 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S524
3.00	0.30	6	5	75	4	30.0	2.8	S5243.0XR0.3
4.00	0.30	6	8	75	4	32.0	3.7	S5244.0XR0.3
4.00	0.50	6	8	75	4	32.0	3.7	S5244.0XR0.5
5.00	0.30	6	9	75	4	32.0	4.6	S5245.0XR0.3
5.00	0.50	6	9	75	4	32.0	4.6	S5245.0XR0.5
6.00	0.30	6	10	75	4	40.0	5.5	S5246.0XR0.3
6.00	0.50	6	10	75	4	40.0	5.5	S5246.0XR0.5
6.00	1.00	6	10	75	4	40.0	5.5	S5246.0XR1.0
8.00	0.30	8	12	75	4	40.0	7.4	S5248.0XR0.3
8.00	0.50	8	12	75	4	40.0	7.4	S5248.0XR0.5
8.00	1.00	8	12	75	4	40.0	7.4	S5248.0XR1.0
10.00	0.50	10	14	75	4	40.0	9.2	S52410.0XR0.5
10.00	1.00	10	14	75	4	40.0	9.2	S52410.0XR1.0
10.00	2.00	10	14	75	4	40.0	9.2	S52410.0XR2.0
12.00	0.50	12	16	100	4	60.0	11.0	S52412.0XR0.5
12.00	1.00	12	16	100	4	60.0	11.0	S52412.0XR1.0
12.00	2.00	12	16	100	4	60.0	11.0	S52412.0XR2.0
16.00	0.50	16	22	125	4	85.0	15.0	S52416.0XR0.5
16.00	1.00	16	22	125	4	85.0	15.0	S52416.0XR1.0
16.00	2.00	16	22	125	4	85.0	15.0	S52416.0XR2.0
16.00	3.00	16	22	125	4	85.0	15.0	S52416.0XR3.0



- S521**
- Pinnfräser Med Hörradier
 - Varsijyrsimet, säteelliset nurkat
 - Pinnefresere Med Hjørneradie
 - Sporfræsere Med Hjørneradier

S521 ■ **1.7** **1.8**



S521



3.00 - 16.00

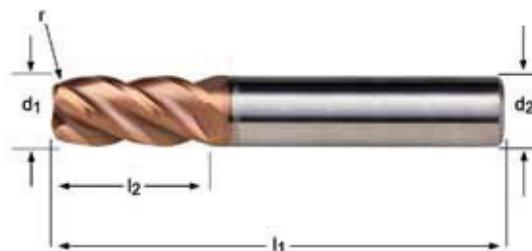
d_1 \varnothing mm	r ± 0.01 mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	S521
3.00	0.30	6	4	60	4	14.0	S5213.0XR0.3
4.00	0.30	6	5	60	4	16.0	S5214.0XR0.3
4.00	0.50	6	5	60	4	16.0	S5214.0XR0.5
5.00	0.30	6	6	60	4	18.0	S5215.0XR0.3
5.00	0.50	6	6	60	4	18.0	S5215.0XR0.5
6.00	0.50	6	7	60	4	20.0	S5216.0XR0.5
6.00	1.00	6	7	60	4	20.0	S5216.0XR1.0
8.00	0.50	8	9	64	4	26.0	S5218.0XR0.5
8.00	1.00	8	9	64	4	26.0	S5218.0XR1.0
10.00	1.00	10	11	70	4	31.0	S52110.0XR1.0
10.00	2.00	10	11	70	4	31.0	S52110.0XR2.0
12.00	1.00	12	13	75	4	37.0	S52112.0XR1.0
12.00	2.00	12	13	75	4	37.0	S52112.0XR2.0
16.00	1.00	16	17	90	4	43.0	S52116.0XR1.0
16.00	2.00	16	17	90	4	43.0	S52116.0XR2.0
16.00	3.00	16	17	90	4	43.0	S52116.0XR3.0

S523



- Pinnfräser Med Hörnradier
 - Varsijyrsimet, säteelliset nurkat
 - Pinnefresere Med Hjørneradie
 - Sporfræsere Med Hjørneradie
- S523**

S523 ■ 1.7 | 1.8



d_1 \varnothing mm	r ± 0.01 mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S523
1.50	0.20	6	4.5	50	4	S5231.5XR0.2
2.00	0.20	6	6.5	50	4	S5232.0XR0.2
3.00	0.20	3	9	40	4	S5233.0XR0.2XD3
3.00	0.30	3	9	40	4	S5233.0XR0.3XD3
3.00	0.20	6	9	50	4	S5233.0XR0.2XD6
3.00	0.30	6	9	50	4	S5233.0XR0.3XD6
3.00	0.50	6	9	50	4	S5233.0XR0.5XD6
4.00	0.30	4	12	50	4	S5234.0XR0.3XD4
4.00	0.50	4	12	50	4	S5234.0XR0.5XD4
4.00	0.30	6	12	50	4	S5234.0XR0.3XD6
4.00	0.50	6	12	50	4	S5234.0XR0.5XD6
5.00	0.30	5	15	50	4	S5235.0XR0.3XD5
5.00	0.50	5	15	50	4	S5235.0XR0.5XD5
5.00	0.30	6	15	50	4	S5235.0XR0.3XD6
5.00	0.50	6	15	50	4	S5235.0XR0.5XD6
6.00	0.30	6	16	50	4	S5236.0XR0.3
6.00	0.50	6	16	50	4	S5236.0XR0.5
6.00	1.00	6	16	50	4	S5236.0XR1.0
8.00	0.30	8	20	64	4	S5238.0XR0.3
8.00	0.50	8	20	64	4	S5238.0XR0.5
8.00	1.00	8	20	64	4	S5238.0XR1.0
8.00	2.00	8	20	64	4	S5238.0XR2.0
10.00	0.50	10	22	70	4	S52310.0XR0.5
10.00	1.00	10	22	70	4	S52310.0XR1.0
10.00	1.50	10	22	70	4	S52310.0XR1.5
10.00	2.00	10	22	70	4	S52310.0XR2.0
12.00	0.50	12	25	75	4	S52312.0XR0.5
12.00	1.00	12	25	75	4	S52312.0XR1.0
12.00	2.00	12	25	75	4	S52312.0XR2.0
12.00	3.00	12	25	75	4	S52312.0XR3.0
16.00	0.50	16	32	90	4	S52316.0XR0.5
16.00	1.00	16	32	90	4	S52316.0XR1.0
16.00	2.00	16	32	90	4	S52316.0XR2.0
16.00	3.00	16	32	90	4	S52316.0XR3.0



- S763**
- Pinnfräser Med Hörradier
 - Varsijyrsimet, säteelliset nurkat
 - Pinnefresere Med Hjørneradie
 - Sporfræsere Med Hjørneradier

S763 ■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 4.2 5.2



S763



3.00 - 20.00

d₁ Ø mm	r ±0.01 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S763
3.00	0.30	3	9	40	4	S7633.0XR0.3
4.00	0.30	4	12	50	4	S7634.0XR0.3
4.00	0.50	4	12	50	4	S7634.0XR0.5
5.00	0.30	5	15	50	4	S7635.0XR0.3
5.00	0.50	5	15	50	4	S7635.0XR0.5
6.00	0.50	6	16	50	4	S7636.0XR0.5
6.00	1.00	6	16	50	4	S7636.0XR1.0
8.00	0.50	8	20	64	4	S7638.0XR0.5
8.00	1.00	8	20	64	4	S7638.0XR1.0
10.00	0.50	10	22	70	4	S76310.0XR0.5
10.00	1.00	10	22	70	4	S76310.0XR1.0
10.00	2.00	10	22	70	4	S76310.0XR2.0
12.00	1.00	12	25	75	4	S76312.0XR1.0
12.00	2.00	12	25	75	4	S76312.0XR2.0
12.00	3.00	12	25	75	4	S76312.0XR3.0
14.00	1.50	14	32	90	4	S76314.0XR1.5
16.00	1.00	16	32	90	4	S76316.0XR1.0
16.00	2.00	16	32	90	4	S76316.0XR2.0
16.00	3.00	16	32	90	4	S76316.0XR3.0
18.00	2.00	18	38	100	4	S76318.0XR2.0
20.00	3.00	20	38	100	4	S76320.0XR3.0



- S262**
- Pinnfräsar Med Hörnradier
 - Varsijyrsimet, säteelliset nurkat
 - Pinnefresere Med Hjørneradie
 - Sporfræsere Med Hjørneradie

S262 ■ 1.6 1.7 2.3 2.4 4.3 5.3



S262



3.00 - 20.00

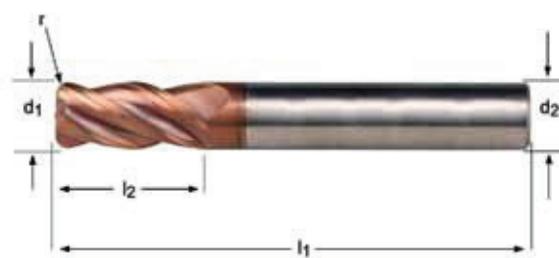
d_1 \varnothing mm	r ± 0.01 mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S262
3.00	0.30	6	9	50	4	S2623.0XR0.3
3.00	0.50	6	9	50	4	S2623.0XR0.5
4.00	0.30	6	12	57	4	S2624.0XR0.3
4.00	0.50	6	12	57	4	S2624.0XR0.5
4.00	1.00	6	12	57	4	S2624.0XR1.0
5.00	0.30	6	15	57	4	S2625.0XR0.3
5.00	0.50	6	15	57	4	S2625.0XR0.5
6.00	0.30	6	16	57	4	S2626.0XR0.3
6.00	0.50	6	16	57	4	S2626.0XR0.5
6.00	1.00	6	16	57	4	S2626.0XR1.0
8.00	0.30	8	20	64	4	S2628.0XR0.3
8.00	0.50	8	20	64	4	S2628.0XR0.5
8.00	1.00	8	20	64	4	S2628.0XR1.0
8.00	1.50	8	20	64	4	S2628.0XR1.5
8.00	2.00	8	20	64	4	S2628.0XR2.0
10.00	0.30	10	22	72	4	S26210.0XR0.3
10.00	0.50	10	22	72	4	S26210.0XR0.5
10.00	1.00	10	22	72	4	S26210.0XR1.0
10.00	1.50	10	22	72	4	S26210.0XR1.5
10.00	2.00	10	22	72	4	S26210.0XR2.0
12.00	0.30	12	26	83	4	S26212.0XR0.3
12.00	0.50	12	26	83	4	S26212.0XR0.5
12.00	1.00	12	26	83	4	S26212.0XR1.0
12.00	2.00	12	26	83	4	S26212.0XR2.0
12.00	2.50	12	26	83	4	S26212.0XR2.5
12.00	3.00	12	26	83	4	S26212.0XR3.0
14.00	0.30	14	32	83	4	S26214.0XR0.3
14.00	0.50	14	32	83	4	S26214.0XR0.5
14.00	1.00	14	32	83	4	S26214.0XR1.0
14.00	2.00	14	32	83	4	S26214.0XR2.0
14.00	3.00	14	32	83	4	S26214.0XR3.0
16.00	0.30	16	32	92	4	S26216.0XR0.3
16.00	0.50	16	32	92	4	S26216.0XR0.5
16.00	1.00	16	32	92	4	S26216.0XR1.0
16.00	2.00	16	32	92	4	S26216.0XR2.0
16.00	2.50	16	32	92	4	S26216.0XR2.5
16.00	3.00	16	32	92	4	S26216.0XR3.0
16.00	4.00	16	32	92	4	S26216.0XR4.0
18.00	0.30	18	38	92	4	S26218.0XR0.3
18.00	0.50	18	38	92	4	S26218.0XR0.5

d₁ Ø mm	r ±0.01 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S262
18.00	1.00	18	38	92	4	S26218.0XR1.0
18.00	2.00	18	38	92	4	S26218.0XR2.0
18.00	3.00	18	38	92	4	S26218.0XR3.0
20.00	0.30	20	38	104	4	S26220.0XR0.3
20.00	0.50	20	38	104	4	S26220.0XR0.5
20.00	1.00	20	38	104	4	S26220.0XR1.0
20.00	2.00	20	38	104	4	S26220.0XR2.0
20.00	2.50	20	38	104	4	S26220.0XR2.5
20.00	3.00	20	38	104	4	S26220.0XR3.0
20.00	4.00	20	38	104	4	S26220.0XR4.0



- S767**
- Pinnfräsar Med Hörnradier
 - Varsijyrsimet, säteelliset nurkat
 - Pinnefresere Med Hjørneradie
 - Sporfraesere Med Hjørneradie

S767 ■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 4.2 5.2



S767



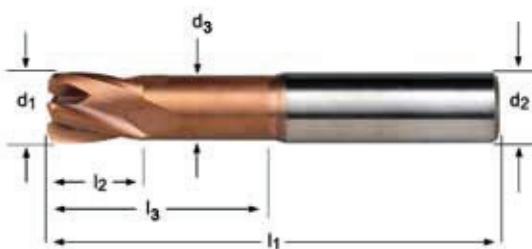
4.00 - 20.00

d₁ Ø mm	r ±0.01 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S767
4.00	0.30	6	11	57	4	S7674.0XR0.3
4.00	0.50	6	11	57	4	S7674.0XR0.5
5.00	0.30	6	13	57	4	S7675.0XR0.3
5.00	0.50	6	13	57	4	S7675.0XR0.5
6.00	0.30	6	13	57	4	S7676.0XR0.3
6.00	0.50	6	13	57	4	S7676.0XR0.5
6.00	1.00	6	13	57	4	S7676.0XR1.0
8.00	0.30	8	20	64	4	S7678.0XR0.3
8.00	0.50	8	20	64	4	S7678.0XR0.5
8.00	1.00	8	20	64	4	S7678.0XR1.0
10.00	0.30	10	22	72	4	S76710.0XR0.3
10.00	0.50	10	22	72	4	S76710.0XR0.5
10.00	1.00	10	22	72	4	S76710.0XR1.0
12.00	0.30	12	26	83	4	S76712.0XR0.3
12.00	0.50	12	26	83	4	S76712.0XR0.5
12.00	1.00	12	26	83	4	S76712.0XR1.0
12.00	2.00	12	26	83	4	S76712.0XR2.0
16.00	0.30	16	32	92	4	S76716.0XR0.3
16.00	0.50	16	32	92	4	S76716.0XR0.5
16.00	1.00	16	32	92	4	S76716.0XR1.0
16.00	2.00	16	32	92	4	S76716.0XR2.0
20.00	0.30	20	38	104	4	S76720.0XR0.3
20.00	0.50	20	38	104	4	S76720.0XR0.5
20.00	1.00	20	38	104	4	S76720.0XR1.0
20.00	2.00	20	38	104	4	S76720.0XR2.0



- Högmatningsfräs
- Varsijyrsimet, suuret syötöt
- Høy mating pinnefres
- High Feed fræser

S536 ■ 1.7 | 1.8



S536



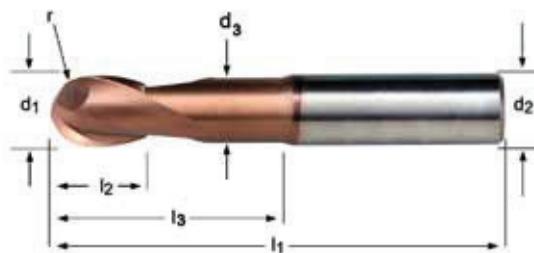
6.00 - 12.00

d_1 \varnothing mm	r ± 0.01 mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	S536
6.00	1.00	6	6	60	4	20.0	S5366.0XR1.0
8.00	2.00	8	8	64	4	24.0	S5368.0XR2.0
10.00	2.00	10	10	70	4	30.0	S53610.0XR2.0
12.00	2.00	12	12	75	4	30.0	S53612.0XR2.0



- S229**
- Radiepinnfräser
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S229 ■ 1.6 2.3 2.4 4.3 5.3



S229



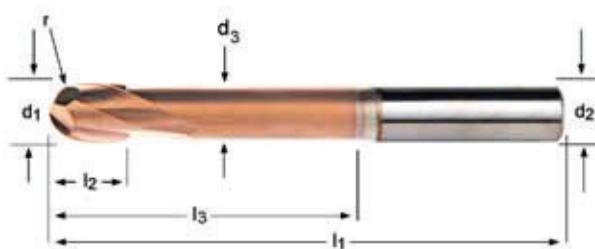
1.50 - 16.00

d_1 \varnothing mm	r $+0/-0.02$ mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	S229
1.50	0.75	4	3	40	2	6.0	1.4
2.00	1.00	3	4	40	2	8.0	1.9
2.00	1.00	4	4	40	2	8.0	1.9
3.00	1.50	3	5	40	2	14.0	2.8
3.00	1.50	6	5	50	2	14.0	2.8
4.00	2.00	4	8	50	2	20.0	3.7
4.00	2.00	6	8	50	2	20.0	3.7
5.00	2.50	5	9	50	2	20.0	4.6
5.00	2.50	6	9	50	2	20.0	4.6
6.00	3.00	6	10	50	2	20.0	5.5
8.00	4.00	8	12	64	2	30.0	7.4
10.00	5.00	10	14	70	2	32.0	9.2
12.00	6.00	12	16	75	2	38.0	11.0
14.00	7.00	14	32	90	2	44.0	13.0
16.00	8.00	16	32	90	2	46.0	15.0
S229							S229



- Radiepinnfräsar
- Sädejyrsimet
- Radiepinnefresere
- Radiesporfræsere

S231 ■ 1.6 2.3 2.4 4.3 5.3

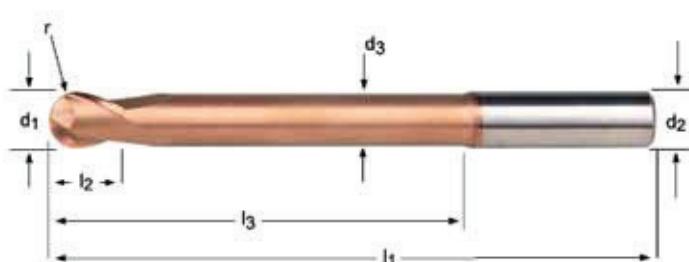


d₁ Ø mm	r +0/-0.02 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S231
1.50	0.75	4	3	75	2	10.0	1.4	S2311.5XD4
2.00	1.00	3	4	60	2	14.0	1.9	S2312.0XD3
2.00	1.00	4	4	75	2	14.0	1.9	S2312.0XD4
3.00	1.50	3	5	60	2	21.0	2.8	S2313.0XD3
3.00	1.50	6	5	75	2	21.0	2.8	S2313.0XD6
4.00	2.00	4	8	60	2	28.0	3.7	S2314.0XD4
4.00	2.00	6	8	75	2	28.0	3.7	S2314.0XD6
5.00	2.50	5	9	60	2	32.0	4.6	S2315.0
6.00	3.00	6	10	75	2	40.0	5.5	S2316.0
8.00	4.00	8	12	75	2	40.0	7.4	S2318.0
10.00	5.00	10	14	75	2	40.0	9.2	S23110.0
12.00	6.00	12	16	100	2	60.0	11.0	S23112.0
14.00	7.00	14	32	125	2	80.0	13.0	S23114.0
16.00	8.00	16	32	125	2	80.0	15.0	S23116.0



- S233**
- Radiepinnfräser
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S233 ■ 1.6 2.3 2.4 4.3 5.3



S233



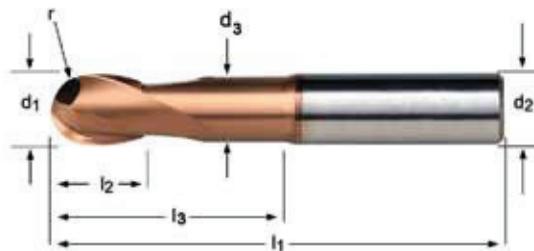
2.00 - 16.00

d₁ Ø mm	r +0/-0.02 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S233
2.00	1.00	3	4	100	2	20.0	1.9	S2332.0XD3
2.00	1.00	4	4	100	2	20.0	1.9	S2332.0XD4
3.00	1.50	3	5	100	2	30.0	2.8	S2333.0XD3
3.00	1.50	6	5	100	2	30.0	2.8	S2333.0XD6
4.00	2.00	4	8	100	2	40.0	3.7	S2334.0XD4
4.00	2.00	6	8	100	2	40.0	3.7	S2334.0XD6
5.00	2.50	5	9	100	2	50.0	4.6	S2335.0
6.00	3.00	6	10	100	2	60.0	5.5	S2336.0
8.00	4.00	8	12	100	2	60.0	7.4	S2338.0
10.00	5.00	10	14	125	2	85.0	9.2	S23310.0
12.00	6.00	12	16	125	2	85.0	11.0	S23312.0
14.00	7.00	14	32	150	2	110.0	13.0	S23314.0
16.00	8.00	16	32	150	2	110.0	15.0	S23316.0



- S529**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S529 ■ **1.7** **1.8**

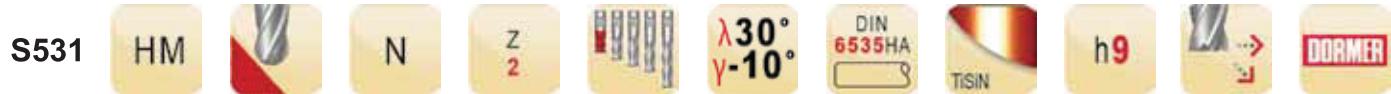


S529



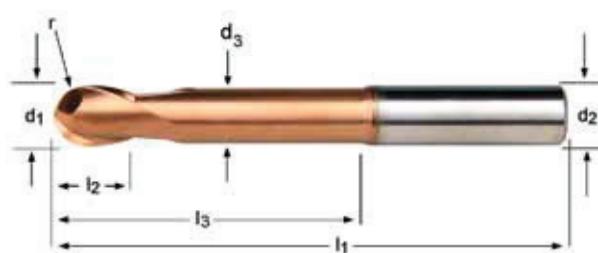
1.50 - 16.00

d₁ Ø mm	r +0/-0.02 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S529
1.50	0.75	6	3	50	2	6.0	1.4	S5291.5
2.00	1.00	4	4	40	2	8.0	1.9	S5292.0XD4
2.00	1.00	6	4	50	2	8.0	1.9	S5292.0XD6
3.00	1.50	3	5	40	2	14.0	2.8	S5293.0XD3
3.00	1.50	6	5	50	2	14.0	2.8	S5293.0XD6
4.00	2.00	4	8	50	2	20.0	3.7	S5294.0XD4
4.00	2.00	6	8	50	2	20.0	3.7	S5294.0XD6
5.00	2.50	5	9	50	2	20.0	4.6	S5295.0XD5
5.00	2.50	6	9	50	2	20.0	4.6	S5295.0XD6
6.00	3.00	6	10	50	2	20.0	5.5	S5296.0
8.00	4.00	8	12	64	2	30.0	7.4	S5298.0
10.00	5.00	10	14	70	2	32.0	9.2	S52910.0
12.00	6.00	12	16	75	2	38.0	11.0	S52912.0
14.00	7.00	14	32	90	2	44.0	13.0	S52914.0
16.00	8.00	16	32	90	2	46.0	15.0	S52916.0



- S531**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S531 ■ 1.7 | 1.8



S531



1.50 - 16.00

d₁ Ø mm	r +0/-0.02 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S531
1.50	0.75	6	3	75	2	10.0	1.4	S5311.5
2.00	1.00	4	4	75	2	14.0	1.9	S5312.0XD4
2.00	1.00	6	4	75	2	14.0	1.9	S5312.0XD6
3.00	1.50	3	5	60	2	21.0	2.8	S5313.0XD3
3.00	1.50	6	5	75	2	21.0	2.8	S5313.0XD6
4.00	2.00	4	8	60	2	28.0	3.7	S5314.0XD4
4.00	2.00	6	8	75	2	28.0	3.7	S5314.0XD6
5.00	2.50	5	9	60	2	32.0	4.6	S5315.0XD5
5.00	2.50	6	9	75	2	32.0	4.6	S5315.0XD6
6.00	3.00	6	10	75	2	40.0	5.5	S5316.0
8.00	4.00	8	12	75	2	40.0	7.4	S5318.0
10.00	5.00	10	14	75	2	40.0	9.2	S53110.0
12.00	6.00	12	16	100	2	60.0	11.0	S53112.0
14.00	7.00	14	32	125	2	80.0	13.0	S53114.0
16.00	8.00	16	32	125	2	80.0	15.0	S53116.0



- S533**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S533 ■ **1.7** **1.8**



S533



2.00 - 16.00

d₁ Ø mm	r +0/-0.02 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S533
2.00	1.00	4	4	100	2	20.0	1.9	S5332.0XD4
2.00	1.00	6	4	100	2	20.0	1.9	S5332.0XD6
3.00	1.50	4	5	100	2	30.0	2.8	S5333.0XD4
3.00	1.50	6	5	100	2	30.0	2.8	S5333.0XD6
4.00	2.00	4	8	100	2	40.0	3.7	S5334.0XD4
4.00	2.00	6	8	100	2	40.0	3.7	S5334.0XD6
5.00	2.50	5	9	100	2	50.0	4.6	S5335.0XD5
5.00	2.50	6	9	100	2	50.0	4.6	S5335.0XD6
6.00	3.00	6	10	100	2	60.0	5.5	S5336.0
8.00	4.00	8	12	100	2	60.0	7.4	S5338.0
10.00	5.00	10	14	125	2	85.0	9.2	S53310.0
12.00	6.00	12	16	125	2	85.0	11.0	S53312.0
14.00	7.00	14	32	150	2	110.0	13.0	S53314.0
16.00	8.00	16	32	150	2	110.0	15.0	S53316.0



- S501**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S501	▪	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	8.2	8.3	9.1									
	▪	1.7																			


S501

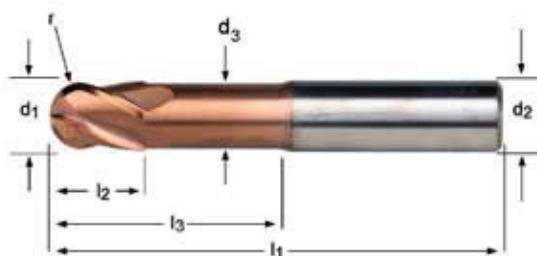

1.00 - 16.00

d ₁ Ø mm	r ±0.01 mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	S501
1.00	0.50	3	3	38	2	S5011.0
1.50	0.75	3	3	38	2	S5011.5
2.00	1.00	3	6	38	2	S5012.0
2.50	1.25	3	7	38	2	S5012.5
3.00	1.50	3	7	38	2	S5013.0
4.00	2.00	6	8	57	2	S5014.0
5.00	2.50	6	10	57	2	S5015.0
6.00	3.00	6	10	57	2	S5016.0
7.00	3.50	8	13	63	2	S5017.0
8.00	4.00	8	16	63	2	S5018.0
9.00	4.50	10	16	72	2	S5019.0
10.00	5.00	10	19	72	2	S50110.0
12.00	6.00	12	22	83	2	S50112.0
16.00	8.00	16	26	92	2	S50116.0



- S534**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S534 ■ **1.7** **1.8**

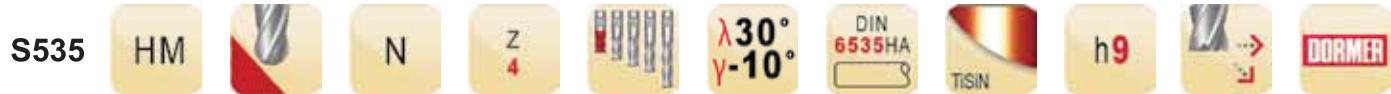


S534



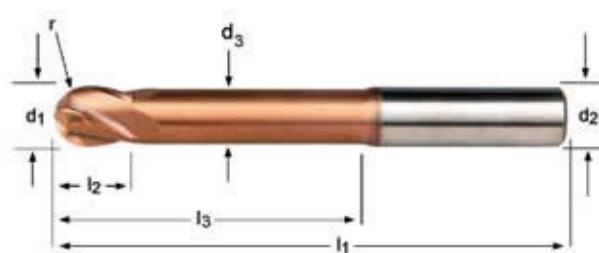
3.00 - 16.00

d₁ Ø mm	r +0/-0.02 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	S534
3.00	1.50	6	5	50	4	14.0	2.8	S5343.0
4.00	2.00	6	8	50	4	20.0	3.7	S5344.0
5.00	2.50	6	9	50	4	20.0	4.6	S5345.0
6.00	3.00	6	10	50	4	20.0	5.5	S5346.0
8.00	4.00	8	12	64	4	30.0	7.4	S5348.0
10.00	5.00	10	14	70	4	32.0	9.2	S53410.0
12.00	6.00	12	16	75	4	38.0	11.0	S53412.0
14.00	7.00	14	32	90	4	44.0	13.0	S53414.0
16.00	8.00	16	32	90	4	46.0	15.0	S53416.0



- S535**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S535 ■ 1.7 | 1.8



S535



3.00 - 16.00

d_1 \varnothing mm	r $+0/-0.02$ mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	S535
3.00	1.50	6	5	75	4	21.0	S5353.0
4.00	2.00	6	8	75	4	28.0	S5354.0
5.00	2.50	6	9	75	4	32.0	S5355.0
6.00	3.00	6	10	75	4	40.0	S5356.0
8.00	4.00	8	12	75	4	40.0	S5358.0
10.00	5.00	10	14	75	4	40.0	S53510.0
12.00	6.00	12	16	100	4	60.0	S53512.0
14.00	7.00	14	32	125	4	80.0	S53514.0
16.00	8.00	16	32	125	4	80.0	S53516.0



- S511**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere
- S511**

S511	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	7.3
		7.4	8.2	8.3	9.1																
	■	1.7	6.1	6.2	6.3	6.4	7.1	7.2	8.1												



d₁ Ø mm	r ±0.01 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	S511
3.00	1.50	6	8	80	4	S5113.0
4.00	2.00	6	11	80	4	S5114.0
5.00	2.50	6	13	80	4	S5115.0
6.00	3.00	6	13	80	4	S5116.0
7.00	3.50	8	16	100	4	S5117.0
8.00	4.00	8	19	100	4	S5118.0
9.00	4.50	10	19	100	4	S5119.0
10.00	5.00	10	22	100	4	S51110.0
12.00	6.00	12	26	100	4	S51112.0
16.00	8.00	16	32	100	4	S51116.0



- S629**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

S629 ■ **6.1** **6.2** **6.3** **6.4** **7.1** **7.2** **7.3** **7.4** **8.1** **8.2**



S629



3.00 - 20.00

d₁ Ø mm	r +0/-0.02 mm	d₂ Ø mm	l₂ mm	l₁ mm	l₃ mm	d₃ Ø mm	S629
3.00	1.50	6	5	57	2	20.0	S6293.0
4.00	2.00	6	6	57	2	20.0	S6294.0
5.00	2.50	6	7	57	2	20.0	S6295.0
6.00	3.00	6	8	57	2	20.0	S6296.0
8.00	4.00	8	10	64	2	25.0	S6298.0
10.00	5.00	10	12	75	2	35.0	S62910.0
12.00	6.00	12	14	75	2	35.0	S62912.0
16.00	8.00	16	18	90	2	45.0	S62916.0
20.00	10.00	20	22	100	2	50.0	S62920.0



- Fasfräs - 60°
- Varsijyrsimet, viisteiden jyrsintään - 60°
- Vinkel pinnefres - 60°
- Fræser til Rejfning - 60°

S739

- Fasfräs - 90°
- Varsijyrsimet, viisteiden jyrsintään - 90°
- Vinkel pinnefres - 90°
- Fræser til Rejfning - 90°

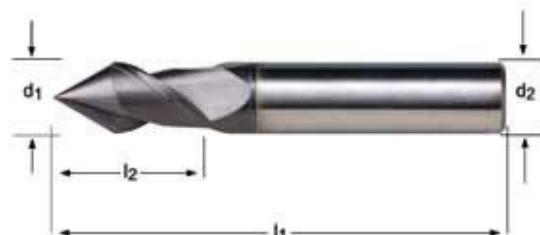
S740

- Fasfräs - 120°
- Varsijyrsimet, viisteiden jyrsintään - 120°
- Vinkel pinnefres - 120°
- Fræser til Rejfning - 120°

S741

S739; S740; S741

1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2	6.1	6.2	6.3	6.4
7.1	7.2	7.3	7.4													



d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	S739	S740	S741
3.00	3	9	40	2	S7393.0	S7403.0	S7413.0
4.00	4	12	50	2	S7394.0	S7404.0	S7414.0
5.00	5	15	50	2	S7395.0	S7405.0	S7415.0
6.00	6	16	50	2	S7396.0	S7406.0	S7416.0
8.00	8	20	64	2	S7398.0	S7408.0	S7418.0
10.00	10	22	70	2	S73910.0	S74010.0	S74110.0
12.00	12	25	75	2	S73912.0	S74012.0	S74112.0
16.00	16	32	90	2	S73916.0	S74016.0	S74116.0
20.00	20	38	100	2	S73920.0	S74020.0	S74120.0

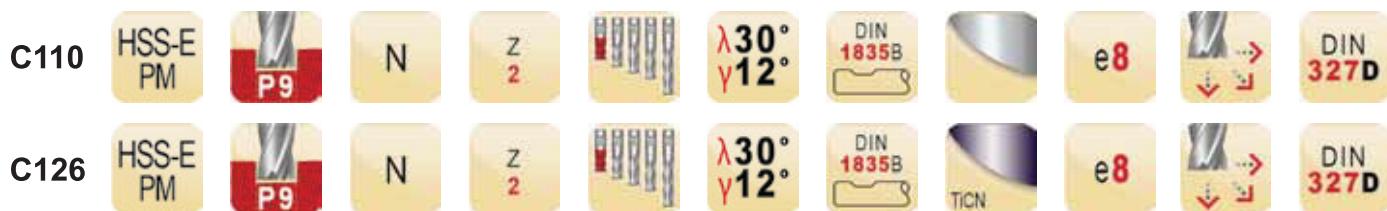
S991

- Fräser i Solid Hårdmetall Sats
- Kovametalli jyrsinsarja
- Sats med Freser i Hardmetall
- Fræsere i HM, sæt

A= Innehållande produkter. B=Antal i satsen. C=Diametrar satsen.
 A=Työkalujen määrä, B=km ja C=halkaisijat
 A=Typer i sats. B=Antall i sats. C=Diameter i sats
 A=Typer i sæt. B=Antal i sæt. C=Diameterne



				S991
Nr.	A	B	C	
922	S922	6	Ø 3.00 mm, 4.00 mm, 5.00 mm, 6.00 mm, 8.00 mm, 10.00 mm	S991SET922
933	S933	6	Ø 3.00 mm, 4.00 mm, 5.00 mm, 6.00 mm, 8.00 mm, 10.00 mm	S991SET933
944	S944	6	Ø 3.00 mm, 4.00 mm, 5.00 mm, 6.00 mm, 8.00 mm, 10.00 mm	S991SET944

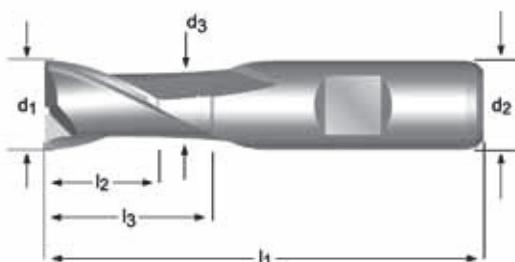


C110

- Spårfräser
- Kiilaurajyrsimet
- Sporfresere
- Sporfræsere

C126

C110	■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3
	■ 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1
C126	■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3
	■ 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1



d_1 \varnothing Inch	d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	C110	C126
	1.00	6	2.5	47	2	-	C1101.0	C1261.0
	1.50	6	3	47	2	-	C1101.5	C1261.5
1/16	1.59	6	3	47	2	-	C1101/16	
	1.80	6	4	48	2	-	C1101.8	
	2.00	6	4	48	2	-	C1102.0	C1262.0
3/32	2.38	6	5	49	2	-	C1103/32	
	2.50	6	5	49	2	-	C1102.5	C1262.5
	2.80	6	5	49	2	-	C1102.8	
	3.00	6	5	49	2	-	C1103.0	C1263.0
1/8	3.18	6	6	50	2	-	C1101/8	
	3.50	6	6	50	2	-	C1103.5	C1263.5
	3.80	6	7	51	2	-	C1103.8	
	4.00	6	7	51	2	-	C1104.0	C1264.0
	4.50	6	7	51	2	-	C1104.5	C1264.5
3/16	4.76	6	8	52	2	-	C1103/16	
	4.80	6	8	52	2	-	C1104.8	2(3) C1264.8 2(3)
	5.00	6	8	52	2	-	C1105.0	C1265.0
	5.50	6	8	52	2	-	C1105.5	C1265.5
	5.75	6	8	52	2	-	C1105.75	2(3) C1265.75 2(3)
	6.00	6	8	52	2	-	C1106.0	C1266.0
1/4	6.35	10	10	60	2	-	C1101/4	
	6.50	10	10	60	2	-	C1106.5	C1266.5
	6.75	10	10	60	2	-	C1106.75	
	7.00	10	10	60	2	-	C1107.0	C1267.0
	7.50	10	10	60	2	-	C1107.5	C1267.5
	7.75	10	11	61	2	-	C1107.75	2(3) C1267.75 2(3)
5/16	7.94	10	11	61	2	-	C1105/16	
	8.00	10	11	61	2	-	C1108.0	C1268.0

²⁾ diametertolerans h10 / halk.toleranssi: h10 / diametertoleranse h10 / diameter tolerance h10

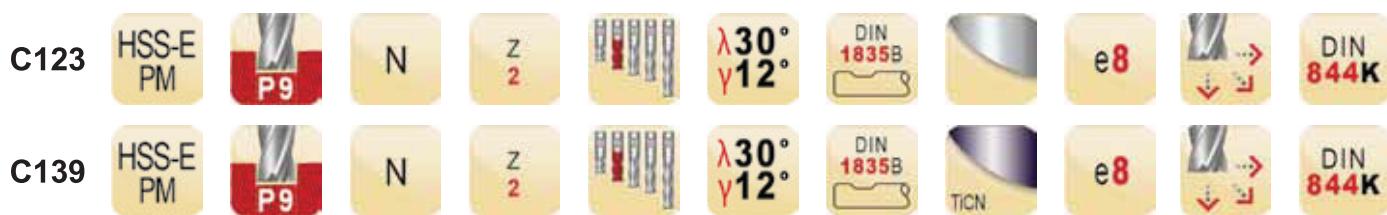
³⁾ ger ej P9-tolerans / ≠ P9 toleranssi / ≠ P9 toleranse / ≠ P9 tolerance

d_1 \varnothing Inch	d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C110	C126
3/8	8.50	10	11	61	2	-	-	C1108.5	C1268.5
	9.00	10	11	61	2	-	-	C1109.0	C1269.0
	9.50	10	11	61	2	-	-	C1109.5	C1269.5
	9.52	10	13	63	2	22.5	9.5	C1103/8	
	9.70	10	13	63	2	22.5	9.5	C1109.7	²⁾³⁾ C1269.7
	10.00	10	13	63	2	22.5	9.5	C11010.0	C12610.0
13/32	10.32	12	13	70	2	-	-	C11013/32	
	10.50	12	13	70	2	-	-	C11010.5	C12610.5
	11.00	12	13	70	2	-	-	C11011.0	C12611.0
	11.11	12	13	70	2	-	-	C1107/16	
7/16	11.50	12	13	70	2	-	-	C11011.5	C12611.5
	11.70	12	16	73	2	27.5	11.5	C11011.7	²⁾³⁾ C12611.7
	12.00	12	16	73	2	27.5	11.5	C11012.0	C12612.0
	12.50	12	16	73	2	27.5	11.5	C11012.5	C12612.5
1/2	12.70	12	16	73	2	27.5	11.5	C1101/2	
	13.00	12	16	73	2	27.5	11.5	C11013.0	C12613.0
	13.49	12	16	73	2	27.5	11.5	C11017/32	
	13.70	12	16	73	2	27.5	11.5	C11013.7	²⁾³⁾ C12613.7
9/16	14.00	12	16	73	2	27.5	11.5	C11014.0	C12614.0
	14.29	12	16	73	2	27.5	11.5	C1109/16	
	15.00	12	16	73	2	27.5	11.5	C11015.0	C12615.0
	15.70	16	19	79	2	30.5	15.5	C11015.7	²⁾³⁾ C12615.7
5/8	15.88	16	19	79	2	30.5	15.5	C1105/8	
	16.00	16	19	79	2	30.5	15.5	C11016.0	C12616.0
	17.00	16	19	79	2	30.5	15.5	C11017.0	
	17.46	16	19	79	2	30.5	15.5	C11011/16	
11/16	17.70	16	19	79	2	30.5	15.5	C11017.7	
	18.00	16	19	79	2	30.5	15.5	C11018.0	C12618.0
	19.00	16	19	79	2	30.5	15.5	C11019.0	
	19.05	20	22	88	2	37.5	18.5	C1103/4	
3/4	19.70	20	22	88	2	37.5	19.5	C11019.7	
	20.00	20	22	88	2	37.5	19.5	C11020.0	C12620.0
	21.70	20	22	88	2	37.5	19.5	C11021.7	
	22.00	20	22	88	2	37.5	19.5	C11022.0	C12622.0
7/8	22.22	20	22	88	2	37.5	19.5	C1107/8	
	24.00	25	26	102	2	45.5	23.5	C11024.0	C12624.0
	24.70	25	26	102	2	45.5	24.5	C11024.7	
	25.00	25	26	102	2	45.5	24.5	C11025.0	C12625.0
1"	25.40	25	26	102	2	45.5	24.5	C1101	
	26.00	25	26	102	2	45.5	24.5	C11026.0	
	28.00	25	26	102	2	45.5	24.5	C11028.0	
	28.58	25	26	102	2	45.5	24.5	C1101.1/8	
1.1/8	30.00	25	26	102	2	45.5	24.5	C11030.0	C12630.0
	31.75	32	32	112	2	51.5	31.5	C1101.1/4	
	32.00	32	32	112	2	51.5	31.5	C11032.0	
	35.00	32	32	112	2	51.5	31.5	C11035.0	^{2) 4)}
1.1/2	36.00	32	32	112	2	51.5	31.5	C11036.0	^{2) 4)}
	38.10	40	38	130	2	55.5	37.0	C1101.1/2	^{2) 4)}
	40.00	40	38	130	2	59.5	39.0	C11040.0	^{2) 4)}
	44.45	40	38	130	2	59.5	38.0	C1101.3/4	^{2) 4)}
1.3/4	45.00	40	38	130	2	59.5	38.0	C11045.0	^{2) 4)}
	50.00	50	45	147	2	66.5	48.0	C11050.0	^{2) 4)}

²⁾ diamentertolerans h10 / halk.toleranssi: h10 / diamentertoleranse h10 / diameter tolerance h10

³⁾ ger ej P9-tolerans / ≠ P9 toleransi / ≠ P9 toleranse / ≠ P9 tolerance

⁴⁾ Endast tillgänglig i HSS-E / Saatavana vain HSS-E / Bare tilgjengelig i HSS-E / Kun tilgængelig i HSS-E

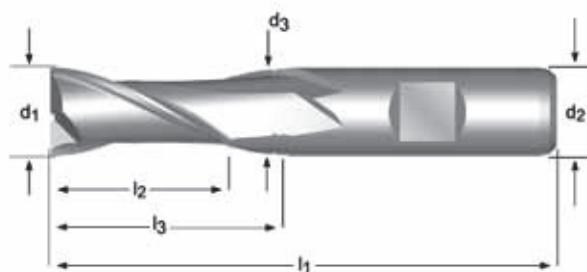


C123

- Spårfräser
- Kiilaurajyrsimet
- Sporfresere
- Sporfræsere

C139

C123	■	1.1	1.2	1.3	1.4	4.1	5.1	6.1	6.2	6.3
	●	2.1	3.1	3.2	3.3	3.4	4.2	5.2	7.1	7.2
C139	■	1.1	1.2	1.3	1.4	3.1	3.2	3.3	3.4	4.1
	●	1.5	1.6	2.1	2.3	4.3	5.3	6.4	7.1	7.2



d_1 \varnothing Inch	d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C123	C139
1/16	1.59	6	7	51	2	-	-	C1231/16	4)
	2.00	6	7	51	2	-	-	C1232.0	C1392.0
	2.50	6	8	52	2	-	-	C1232.5	C1392.5
	3.00	6	8	52	2	-	-	C1233.0	C1393.0
1/8	3.18	6	10	54	2	-	-	C1231/8	4)
	3.50	6	10	54	2	-	-	C1233.5	C1393.5
5/32	3.97	6	11	55	2	-	-	C1235/32	4)
	4.00	6	11	55	2	-	-	C1234.0	C1394.0
	4.50	6	11	55	2	-	-	C1234.5	C1394.5
3/16	4.76	6	13	57	2	-	-	C1233/16	4)
	5.00	6	13	57	2	-	-	C1235.0	C1395.0
	5.50	6	13	57	2	-	-	C1235.5	C1395.5
	6.00	6	13	57	2	-	-	C1236.0	C1396.0
1/4	6.35	10	16	66	2	-	-	C1231/4	4)
	6.50	10	16	66	2	-	-	C1236.5	C1396.5
	7.00	10	16	66	2	-	-	C1237.0	C1397.0
	7.50	10	16	66	2	-	-	C1237.5	C1397.5
5/16	7.94	10	19	69	2	-	-	C1235/16	4)
	8.00	10	19	69	2	-	-	C1238.0	C1398.0
	8.50	10	19	69	2	-	-	C1238.5	C1398.5
	9.00	10	19	69	2	-	-	C1239.0	C1399.0
	9.50	10	19	69	2	-	-	C1239.5	C1399.5
3/8	9.52	10	22	72	2	31.5	9.5	C1233/8	4)
	10.00	10	22	72	2	31.5	9.5	C12310.0	C13910.0
	11.00	12	22	79	2	-	-	C12311.0	C13911.0
	12.00	12	26	83	2	37.5	11.5	C12312.0	C13912.0

⁴⁾ diametertolerans -.0005" / -.0013" / halk.toleranssi: - 0,0005" / -0,0013" / diametertoleranse -.0005" / -.0013" / diameter tolerance -.0005" / -.0013"

d₁ Ø Inch	d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C123	C139
1/2	12.70	12	26	83	2	37.5	11.5	C1231/2	4)
	13.00	12	26	83	2	37.5	11.5	C12313.0	C13913.0
	14.00	12	26	83	2	37.5	11.5	C12314.0	C13914.0
9/16	14.29	12	26	83	2	37.5	11.5	C1239/16	4)
	15.00	12	26	83	2	37.5	11.5	C12315.0	C13915.0
5/8	15.88	16	32	92	2	43.5	15.5	C1235/8	4)
	16.00	16	32	92	2	43.5	15.5	C12316.0	C13916.0
	18.00	16	32	92	2	43.5	15.5	C12318.0	C13918.0
3/4	19.05	20	38	104	2	53.5	18.5	C1233/4	5)
	20.00	20	38	104	2	53.5	19.5	C12320.0	C13920.0
	22.00	20	38	104	2	53.5	19.5	C12322.0	C13922.0
	25.00	25	45	121	2	64.5	24.5	C12325.0	C13925.0
1"	25.40	25	45	121	2	64.5	24.5	C1231	
	30.00	25	45	121	2	64.5	24.5	C12330.0	C13930.0
	32.00	32	53	133	2	72.5	31.5	C12332.0	
	36.00	32	53	133	2	72.5	31.5	C12336.0	6)
1.1/2	38.10	40	63	155	2	84.5	37.0	C1231.1/2	6)5)
	40.00	40	63	155	2	84.5	39.0	C12340.0	6)

⁴⁾ diametertolerans -.0005" / -.0013" / halk.toleransi: - 0,0005" / -0,0013" / diametertoleranse -.0005" / -.0013" / diameter tolerance -.0005" / -.0013"

⁵⁾ diametertolerans -.0005" / -.0015" / halk.toleransi: - 0,0005" / -0,0015" / diametertoleranse -.0005" / -.0015" / diameter tolerance -.0005" / -.0015"

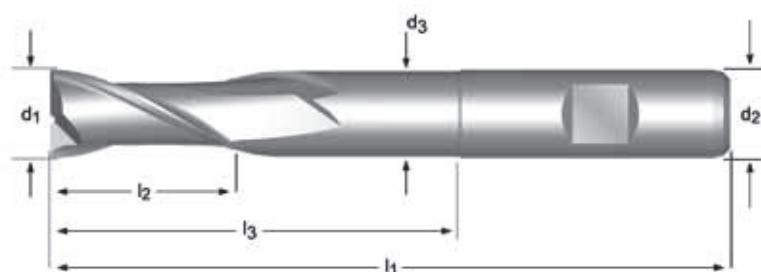
⁶⁾ Endast tillgänglig i HSS-E / Saatavana vain HSS-E / Bare tilgjengelig i HSS-E / Kun tilgængelig i HSS-E



- Spårfräser
- Kiilaurajyrsimet
- Sporfresere
- Sporfræsere

C135

C135	■	1.1	1.2	5.1	6.1	6.2	6.3								
	■	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.1	4.2	5.2	7.1	7.2	7.3	8.1

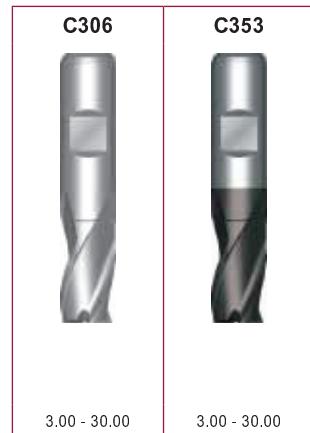
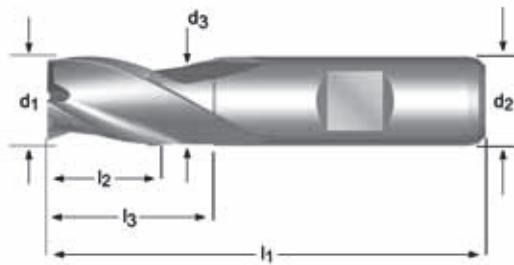


d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	l ₃ mm	d ₃ Ø mm	C135
2.00	6	7	54	2	18.0	1.8	C1352.0
3.00	6	8	56	2	20.0	2.8	C1353.0
4.00	6	11	63	2	27.0	3.7	C1354.0
5.00	6	13	68	2	32.0	4.7	C1355.0
6.00	6	13	68	2	32.0	5.7	C1356.0
7.00	10	16	80	2	40.0	6.5	C1357.0
8.00	10	19	88	2	48.0	7.5	C1358.0
9.00	10	19	88	2	48.0	8.5	C1359.0
10.00	10	22	95	2	54.5	9.5	C13510.0
11.00	12	22	102	2	57.0	10.5	C13511.0
12.00	12	26	110	2	64.5	11.5	C13512.0
13.00	12	26	110	2	64.5	11.5	C13513.0
14.00	12	26	110	2	64.5	11.5	C13514.0
15.00	12	26	110	2	64.5	11.5	C13515.0
16.00	16	32	123	2	74.5	15.5	C13516.0
17.00	16	32	123	2	74.5	15.5	C13517.0
18.00	16	32	123	2	74.5	15.5	C13518.0
19.00	16	32	123	2	74.5	15.5	C13519.0
20.00	20	38	141	2	90.5	19.5	C13520.0
25.00	25	45	166	2	109.5	24.5	C13525.0
30.00	25	45	166	2	109.5	24.5	C13530.0



- C306** • Spårfrästar
• Kiilaurajyrsimet
C353 • Sporfræsere
• Sporfræsere

C306	■	1.2	1.3	4.1	5.1	6.1	6.2	6.3								
	●	1.1	1.4	2.1	3.1	3.2	3.3	3.4	4.2	5.2	7.2	7.3	8.1			
C353	■	1.2	1.3	1.4	1.5	3.1	3.2	3.3	3.4	4.1	4.2	5.1	5.2	6.1	6.2	6.3
	●	1.1	1.6	2.1	2.2	2.3	4.3	5.3	6.4	7.2	7.3	7.4	8.1			



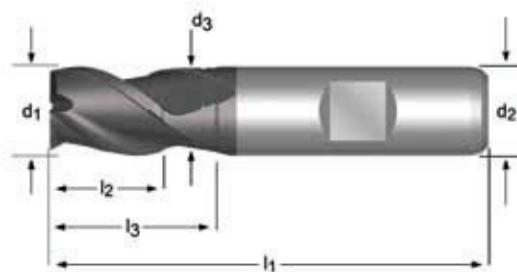
d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	l ₃ mm	d ₃ Ø mm	C306	C353
3.00	6	5	49	3	-	-	C3063.0	C3533.0
3.50	6	6	50	3	-	-	C3063.5	C3533.5
4.00	6	7	51	3	-	-	C3064.0	C3534.0
4.50	6	7	51	3	-	-	C3064.5	C3534.5
4.80	6	8	52	3	-	-	C3064.8	C3534.8
5.00	6	8	52	3	-	-	C3065.0	C3535.0
5.50	6	8	52	3	-	-	C3065.5	C3535.5
5.75	6	8	52	3	-	-	C3065.75	C3535.75
6.00	6	8	52	3	-	-	C3066.0	C3536.0
6.50	10	10	60	3	-	-	C3066.5	C3536.5
7.00	10	10	60	3	-	-	C3067.0	C3537.0
7.50	10	10	60	3	-	-	C3067.5	C3537.5
7.75	10	11	61	3	-	-	C3067.75	C3537.75
8.00	10	11	61	3	-	-	C3068.0	C3538.0
8.50	10	11	61	3	-	-	C3068.5	C3538.5
9.00	10	11	61	3	-	-	C3069.0	C3539.0
9.50	10	11	61	3	-	-	C3069.5	C3539.5
9.70	10	13	63	3	22.5	9.5	C3069.7	C3539.7
10.00	10	13	63	3	22.5	9.5	C30610.0	C35310.0
11.00	12	13	70	3	-	-	C30611.0	C35311.0
11.70	12	16	73	3	27.5	11.5	C30611.7	C35311.7
12.00	12	16	73	3	27.5	11.5	C30612.0	C35312.0
13.00	12	16	73	3	27.5	11.5	C30613.0	C35313.0
13.70	12	16	73	3	27.5	11.5	C30613.7	C35313.7
14.00	12	16	73	3	27.5	11.5	C30614.0	C35314.0
15.00	12	16	73	3	27.5	11.5	C30615.0	C35315.0
15.70	16	19	79	3	30.5	15.5	C30615.7	C35315.7
16.00	16	19	79	3	30.5	15.5	C30616.0	C35316.0
18.00	16	19	79	3	30.5	15.5	C30618.0	C35318.0
19.00	16	19	79	3	30.5	15.5	C30619.0	
19.70	20	22	88	3	37.5	19.5	C30619.7	C35319.7

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C306	C353
20.00	20	22	88	3	37.5	19.5	C30620.0	C35320.0
22.00	20	22	88	3	37.5	19.5	C30622.0	C35322.0
25.00	25	26	102	3	45.5	24.5	C30625.0	C35325.0
28.00	25	26	102	3	45.5	24.5	C30628.0	C35328.0
30.00	25	26	102	3	45.5	24.5	C30630.0	C35330.0



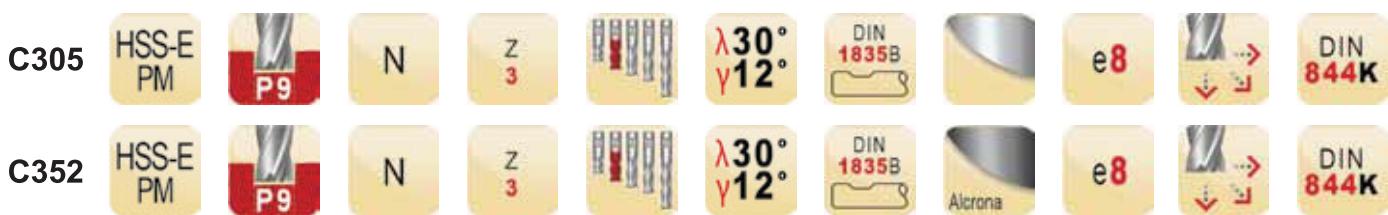
- Spårfrästar
 - Kiilaurajyrsimet
 - Sporfresere
 - Sporfræsere
- C367**

C367	■	1.1	1.2	2.1	2.2	2.3	2.4	6.1	7.1	
	●	1.3	1.4	4.1	5.1	6.2	6.3	7.2	7.3	8.1


C367

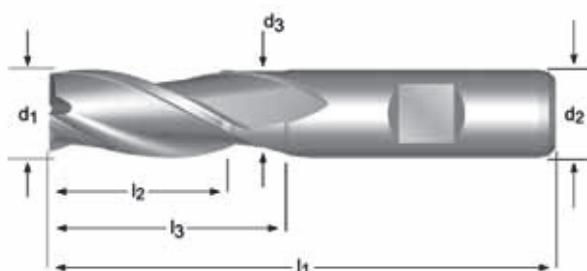

2.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C367
2.00	6	4	48	3	-	-	C3672.0
3.00	6	5	49	3	-	-	C3673.0
4.00	6	7	51	3	-	-	C3674.0
5.00	6	8	52	3	-	-	C3675.0
6.00	6	8	52	3	-	-	C3676.0
7.00	10	10	60	3	-	-	C3677.0
8.00	10	11	61	3	-	-	C3678.0
9.00	10	11	61	3	-	-	C3679.0
10.00	10	13	63	3	22.5	9.5	C36710.0
11.00	12	13	70	3	-	-	C36711.0
12.00	12	16	73	3	27.5	11.5	C36712.0
13.00	12	16	73	3	27.5	11.5	C36713.0
14.00	12	16	73	3	27.5	11.5	C36714.0
15.00	12	16	73	3	27.5	11.5	C36715.0
16.00	16	19	79	3	30.5	15.5	C36716.0
18.00	16	19	79	3	30.5	15.5	C36718.0
20.00	20	22	88	3	37.5	19.5	C36720.0

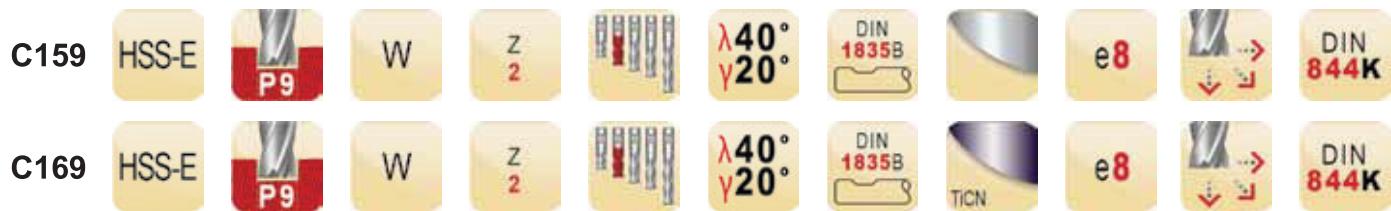


- C305** • Spårfräser
C352 • Kiilaurajyrsimet
 • Sporfresere
 • Sporfræsere

C305	■ 1.2 1.3 4.1 5.1 5.2 6.1 6.2 6.3
	■ 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.2 7.2 7.3 8.1
C352	■ 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3
	■ 1.1 1.6 2.1 2.2 2.3 4.3 5.3 6.4 7.2 7.3 7.4 8.1

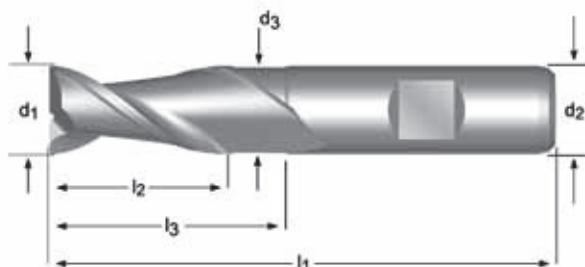


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	C305	C352
2.00	6	7	51	3	-	C3052.0	
2.50	6	8	52	3	-	C3052.5	
3.00	6	8	52	3	-	C3053.0	C3523.0
3.50	6	10	54	3	-	C3053.5	
4.00	6	11	55	3	-	C3054.0	C3524.0
4.50	6	11	55	3	-	C3054.5	
5.00	6	13	57	3	-	C3055.0	C3525.0
5.50	6	13	57	3	-	C3055.5	
6.00	6	13	57	3	-	C3056.0	C3526.0
6.50	10	16	66	3	-	C3056.5	
7.00	10	16	66	3	-	C3057.0	
7.50	10	16	66	3	-	C3057.5	
8.00	10	19	69	3	-	C3058.0	C3528.0
8.50	10	19	69	3	-	C3058.5	
9.00	10	19	69	3	-	C3059.0	
10.00	10	22	72	3	31.5	9.5	C30510.0
11.00	12	22	79	3	-	-	C30511.0
12.00	12	26	83	3	37.5	11.5	C30512.0
13.00	12	26	83	3	37.5	11.5	C30513.0
14.00	12	26	83	3	37.5	11.5	C30514.0
15.00	12	26	83	3	37.5	11.5	C30515.0
16.00	16	32	92	3	43.5	15.5	C30516.0
17.00	16	32	92	3	43.5	15.5	C30517.0
18.00	16	32	92	3	43.5	15.5	C30518.0
19.00	16	32	92	3	43.5	15.5	C30519.0
20.00	20	38	104	3	53.5	19.5	C30520.0
22.00	20	38	104	3	53.5	19.5	C30522.0
25.00	25	45	121	3	-	-	C30525.0
28.00	25	45	121	3	-	-	C30528.0
30.00	25	45	121	3	-	-	C30530.0
32.00	32	53	133	3	-	-	C30532.0

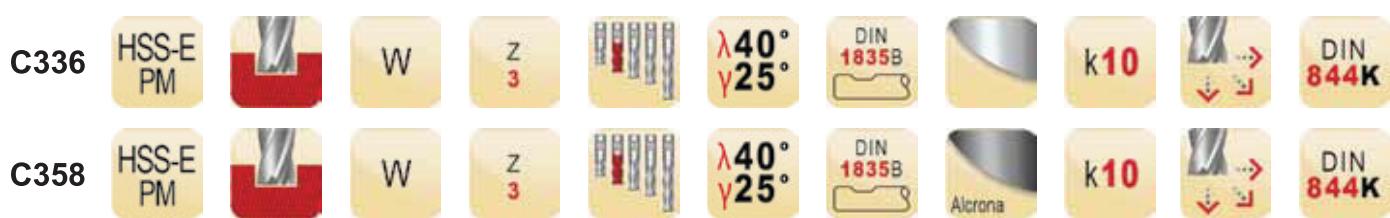


- C159** • Spårfräscar
C169 • Kilaaurajyrsimet
 • Sporfresere
 • Sporfræsere

C159	■	1.1	6.1	6.2	6.3	7.1	7.2	7.3	8.1	8.2
	●	1.2	1.3	2.1	2.2	4.1	5.1			
C169	■	1.1	1.2	6.1	6.2	6.3	7.1	7.2	7.3	8.1
	●	1.3	2.1	2.2	2.3	4.1	4.2	5.1	5.2	



d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	l₃ mm	d₃ Ø mm	C159	C169
2.00	6	7	51	2	-	C1592.0	C1692.0
3.00	6	8	52	2	-	C1593.0	C1693.0
4.00	6	11	55	2	-	C1594.0	C1694.0
5.00	6	13	57	2	-	C1595.0	C1695.0
6.00	6	13	57	2	-	C1596.0	C1696.0
7.00	10	16	66	2	-	C1597.0	C1697.0
8.00	10	19	69	2	-	C1598.0	C1698.0
10.00	10	22	72	2	-	C15910.0	C16910.0
11.00	12	22	79	2	-	C15911.0	
12.00	12	26	83	2	-	C15912.0	C16912.0
14.00	12	26	83	2	37.5	C15914.0	C16914.0
16.00	16	32	92	2	43.5	C15916.0	C16916.0
18.00	16	32	92	2	43.5	C15918.0	C16918.0
20.00	20	38	104	2	53.5	C15920.0	C16920.0

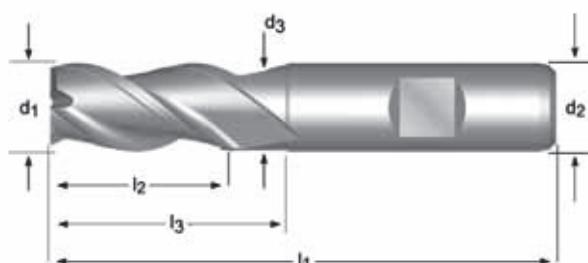


C336

- Pinnfräser
- Varsijyrsimet
- Pinnefresere
- Sporfræsere

C358

C336	■	6.1	6.2	6.3	7.1	7.2	7.3	8.1	8.2		
	●	1.1	1.2	1.3	2.1	2.2	4.1	5.1			
C358	■	1.2	6.1	6.2	6.3	7.1	7.2	7.3	7.4	8.1	8.2
	●	1.1	1.3	2.1	2.2	2.3	4.1	4.2	5.1	5.2	

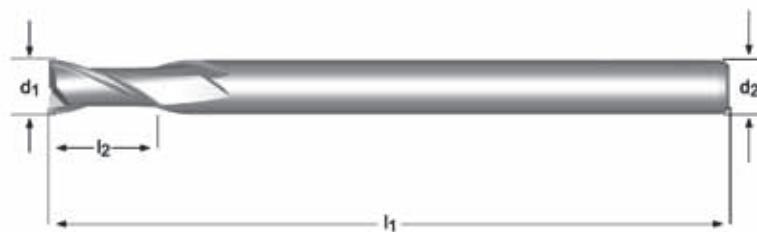


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	C336	C358
10.00	10	22	72	3	31.5	C33610.0	C35810.0
12.00	12	26	83	3	37.5	C33612.0	C35812.0
14.00	12	26	83	3	37.5	C33614.0	C35814.0
15.00	12	26	83	3	37.5	C33615.0	
16.00	16	32	92	3	43.5	C33616.0	C35816.0
18.00	16	32	92	3	43.5	C33618.0	C35818.0
20.00	20	38	104	3	53.5	C33620.0	C35820.0
22.00	20	38	104	3	53.5	C33622.0	C35822.0
25.00	25	45	121	3	64.5	C33625.0	C35825.0
30.00	25	45	121	3	64.5	C33630.0	C35830.0



- C167**
- Pinnfräsar
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere

C167	■	1.1	1.2	5.1	6.1	6.2	6.3								
	●	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.1	4.2	5.2	7.1	7.2	7.3	8.1


C167


6.00 - 16.00

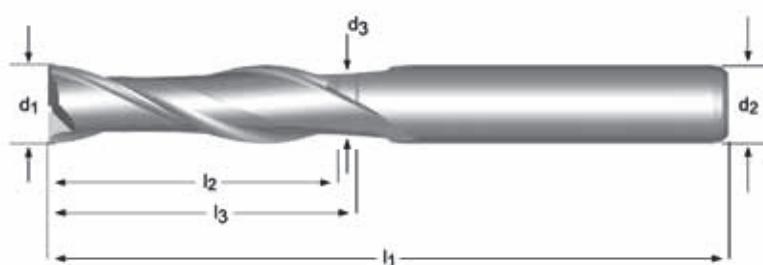
d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	C167
6.00	6	13	180	2	C1676.0
8.00	8	19	180	2	C1678.0
10.00	10	22	200	2	C16710.0
12.00	12	26	200	2	C16712.0
16.00	16	32	200	2	C16716.0



- Pinnfräser
- Varsijyrsimet
- Pinnefresere
- Sporfræsere

C122

C122	▪	1.1	1.2	5.1	6.1	6.2	6.3								
	▪	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.1	4.2	5.2	7.1	7.2	7.3	8.1

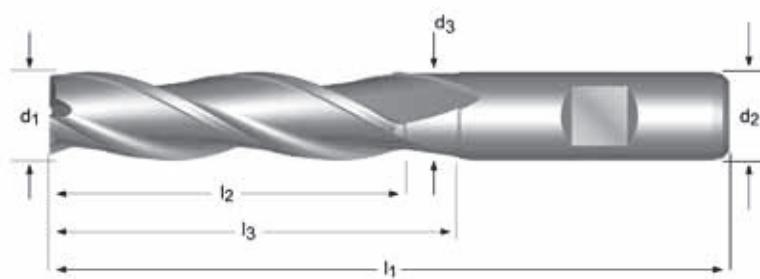


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C122
5.00	5	22	65	2	-	-	C1225.0
6.00	6	27	75	2	-	-	C1226.0
7.00	8	33	85	2	-	-	C1227.0
8.00	8	33	85	2	-	-	C1228.0
10.00	10	40	95	2	-	-	C12210.0
12.00	12	45	110	2	-	-	C12212.0
14.00	12	52	125	2	-	-	C12214.0
16.00	16	58	140	2	69.5	15.5	C12216.0
18.00	16	65	150	2	76.5	15.5	C12218.0
20.00	20	70	160	2	85.5	19.5	C12220.0
22.00	20	75	170	2	90.5	19.5	C12222.0
25.00	25	82	185	2	101.5	24.5	C12225.0
30.00	25	90	205	2	109.5	24.5	C12230.0



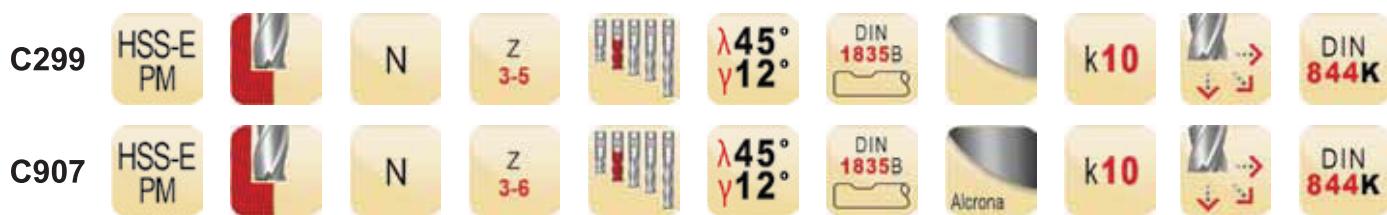
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere
- C346**

C346	■	1.2	4.1	5.1	6.1	6.2	6.3								
	●	1.1	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.2	5.2	7.1	7.2	8.1	


C346


3.00 - 20.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C346
3.00	6	12	56	3	-	-	C3463.0
4.00	6	19	63	3	-	-	C3464.0
5.00	6	24	68	3	-	-	C3465.0
6.00	6	24	68	3	-	-	C3466.0
7.00	10	30	80	3	-	-	C3467.0
8.00	10	38	88	3	-	-	C3468.0
9.00	10	38	88	3	-	-	C3469.0
10.00	10	45	95	3	-	-	C34610.0
11.00	12	45	102	3	-	-	C34611.0
12.00	12	53	110	3	-	-	C34612.0
13.00	12	53	110	3	64.5	11.5	C34613.0
14.00	12	53	110	3	64.5	11.5	C34614.0
15.00	12	53	110	3	64.5	11.5	C34615.0
16.00	16	63	123	3	74.5	15.5	C34616.0
18.00	16	63	123	3	74.5	15.5	C34618.0
20.00	20	75	141	3	90.5	19.5	C34620.0

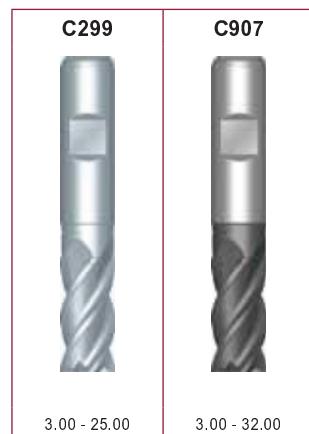
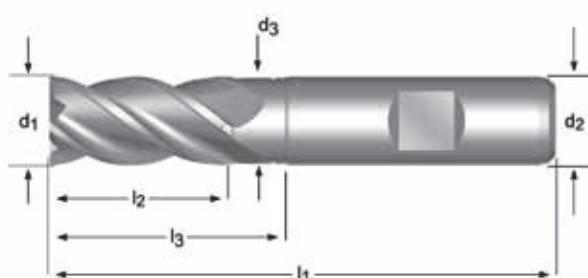


C299

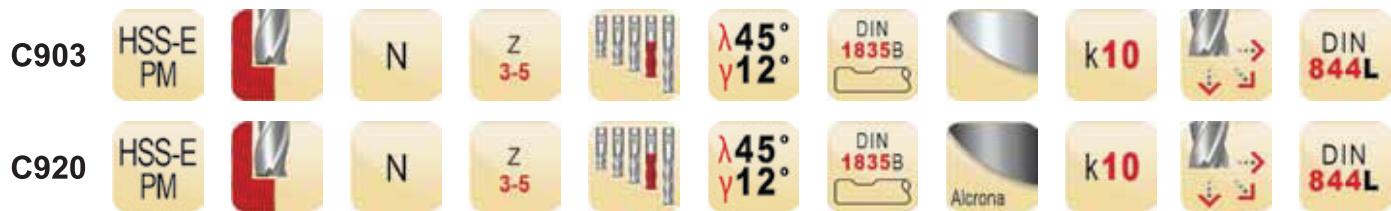
- Pinnfräser
- Varsijyrsimet
- Pinnefresere
- Sporfræsere

C907

C299	■ 1.3 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.2 7.4
	■ 1.6 2.2 4.1
C907	■ 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.2 7.4
	■ 4.1

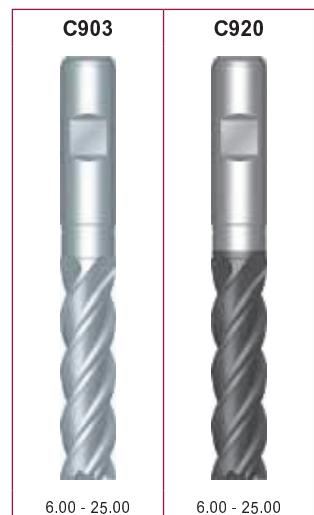
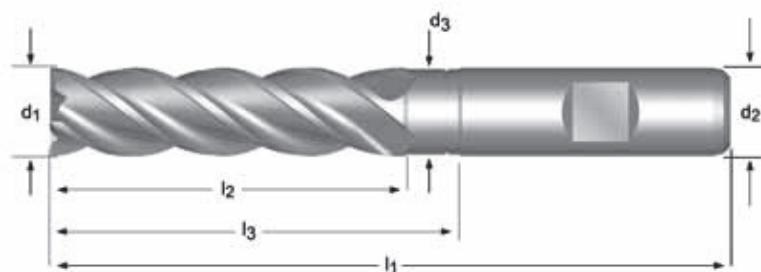


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	C299	C907
3.00	6	8	52	3	-	C2993.0	C9073.0
4.00	6	11	55	3	-	C2994.0	C9074.0
5.00	6	13	57	3	-	C2995.0	C9075.0
6.00	6	13	57	3	-	C2996.0	C9076.0
8.00	10	19	69	4	-	C2998.0	C9078.0
10.00	10	22	72	4	31.5	C29910.0	C90710.0
12.00	12	26	83	4	37.5	C29912.0	C90712.0
14.00	12	26	83	4	37.5	C29914.0	C90714.0
16.00	16	32	92	4	43.5	C29916.0	C90716.0
18.00	16	32	92	4	43.5	C29918.0	C90718.0
20.00	20	38	104	4	53.5	C29920.0	C90720.0
22.00	20	38	104	5	53.5		C90722.0
25.00	25	45	121	5	64.5	C29925.0	C90725.0
28.00	25	45	121	6	64.5		C90728.0
30.00	25	45	121	6	64.5		C90730.0
32.00	32	53	133	6	72.5		C90732.0

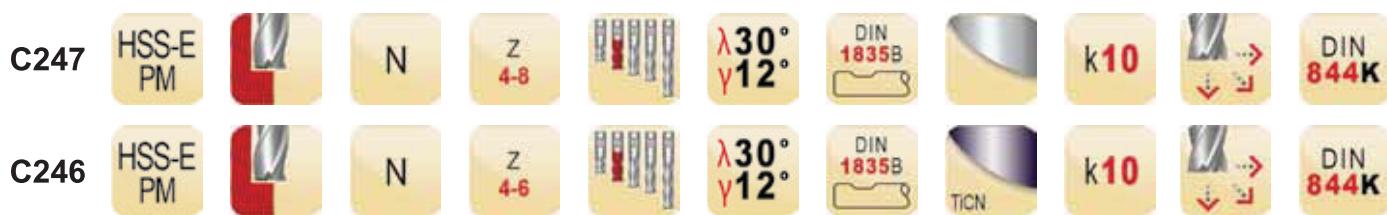


- C903**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere
- C920**

C903	■	1.3	1.4	1.5	2.1	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.1	5.2	5.3	6.2	7.4		
	●	1.6	2.2	4.1															
C920	■	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.1	5.2	5.3	6.2	7.4
	●				4.1														

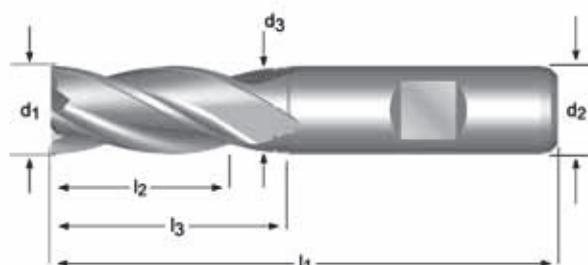


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C903	C920
6.00	6	24	68	3	-	-	C9036.0	C9206.0
8.00	10	38	88	4	-	-	C9038.0	C9208.0
10.00	10	45	95	4	54.5	9.5	C90310.0	C92010.0
12.00	12	53	110	4	64.5	11.5	C90312.0	C92012.0
14.00	12	53	110	4	64.5	11.5	C90314.0	C92014.0
16.00	16	63	123	4	74.5	15.5	C90316.0	C92016.0
18.00	16	63	123	4	74.5	15.5	C90318.0	C92018.0
20.00	20	75	141	4	90.5	19.5	C90320.0	C92020.0
22.00	22	75	141	5	90.5	19.5	C90322.0	C92022.0
25.00	25	90	166	5	109.5	24.5	C90325.0	C92025.0



- C247**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere
- C246**

C247	■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3
	■ 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1
C246	■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3
	■ 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1



d_1 \varnothing Inch	d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C247	C246
	2.00	6	7	51	4	-	-	C2472.0	C2462.0
	2.50	6	8	52	4	-	-	C2472.5	
	3.00	6	8	52	4	-	-	C2473.0	C2463.0
1/8	3.18	6	10	54	4	-	-	C2471/8	¹⁾
	3.50	6	10	54	4	-	-	C2473.5	
	4.00	6	11	55	4	-	-	C2474.0	C2464.0
	4.50	6	11	55	4	-	-	C2474.5	
3/16	4.76	6	13	57	4	-	-	C2473/16	¹⁾
	5.00	6	13	57	4	-	-	C2475.0	C2465.0
	5.50	6	13	57	4	-	-	C2475.5	
	6.00	6	13	57	4	-	-	C2476.0	C2466.0
1/4	6.35	10	16	66	4	-	-	C2471/4	¹⁾
	6.50	10	16	66	4	-	-	C2476.5	
	7.00	10	16	66	4	-	-	C2477.0	C2467.0
	7.50	10	16	66	4	-	-	C2477.5	
5/16	7.94	10	19	69	4	-	-	C2475/16	¹⁾
	8.00	10	19	69	4	-	-	C2478.0	C2468.0
	8.50	10	19	69	4	-	-	C2478.5	
	9.00	10	19	69	4	-	-	C2479.0	C2469.0
	9.50	10	19	69	4	-	-	C2479.5	
3/8	9.52	10	22	72	4	31.5	9.5	C2473/8	¹⁾
	10.00	10	22	72	4	31.5	9.5	C24710.0	C24610.0
	11.00	12	22	79	4	-	-	C24711.0	C24611.0
	12.00	12	26	83	4	37.5	11.5	C24712.0	C24612.0
1/2	12.70	12	26	83	4	37.5	11.5	C2471/2	¹⁾
	13.00	12	26	83	4	37.5	11.5	C24713.0	C24613.0

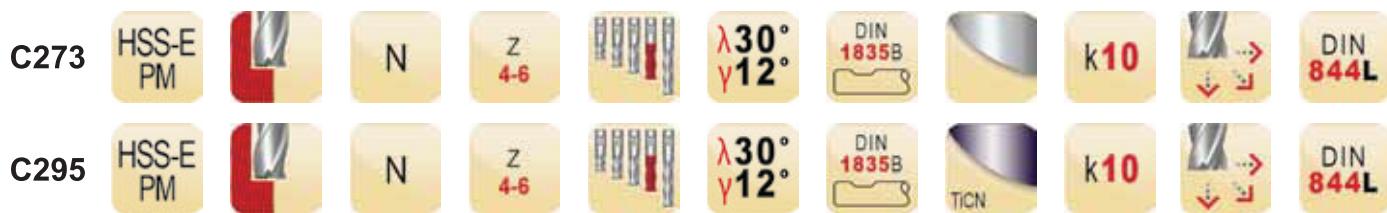
¹⁾ diametertolerans +.0025" / -.0005" / halk.toleransi: + 0,0025" / -0,0005" / diametertoleranse +.0025" / -.0005" / diameter tolerance +.0025" / -.0005"

d₁ Ø Inch	d₁ Ø mm	d₂ Øh ₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C247	C246
9/16	14.00	12	26	83	4	37.5	11.5	C24714.0	C24614.0
	14.29	12	26	83	4	37.5	11.5	C2479/16	¹⁾
	15.00	12	26	83	4	37.5	11.5	C24715.0	C24615.0
5/8	15.88	16	32	92	4	43.5	15.5	C2475/8	¹⁾
	16.00	16	32	92	4	43.5	15.5	C24716.0	C24616.0
	17.00	16	32	92	4	43.5	15.5	C24717.0	
3/4	18.00	16	32	92	4	43.5	15.5	C24718.0	C24618.0
	19.00	16	32	92	4	43.5	15.5	C24719.0	
	19.05	20	38	104	4	53.5	18.5	C2473/4	¹⁾
7/8	20.00	20	38	104	4	53.5	19.5	C24720.0	C24620.0
	21.00	20	38	104	4	53.5	19.5	C24721.0	
	22.00	20	38	104	5	53.5	19.5	C24722.0	C24622.0
1"	22.22	20	38	104	5	53.5	19.5	C2477/8	¹⁾
	23.00	20	38	104	5	53.5	19.5	C24723.0	
	24.00	25	45	121	5	64.5	23.5	C24724.0	
1"	25.00	25	45	121	5	64.5	24.5	C24725.0	C24625.0
	25.40	25	45	121	5	64.5	24.5	C2471	¹⁾
	26.00	25	45	121	6	64.5	24.5	C24726.0	
1"	28.00	25	45	121	6	64.5	24.5	C24728.0	C24628.0
	30.00	25	45	121	6	64.5	24.5	C24730.0	C24630.0
	32.00	32	53	133	6	72.5	31.5	C24732.0	C24632.0
1"	36.00	32	53	133	6	72.5	31.5	C24736.0	²⁾³⁾
	40.00	40	63	155	6	84.5	39.0	C24740.0	²⁾³⁾
	50.00	50	75	177	8	96.5	48.0	C24750.0	²⁾³⁾

¹⁾ diametertolerans +.0025" / -.0005" / halk.toleransi: + 0,0025" / -0,0005" / diametertoleranse +.0025" / -.0005" / diameter tolerance +.0025" / -.0005"

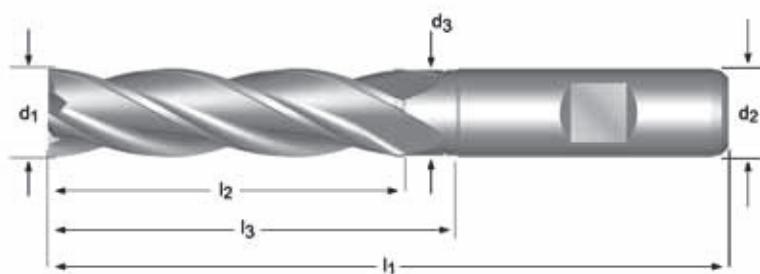
²⁾ ej centerskärande / Ei ole poraava / Ikke senterskjærende / Ikke centerskær

³⁾ Endast tillgänglig i HSS-E / Saatavana vain HSS-E / Bare tilgjengelig i HSS-E / Kun tilgængelig i HSS-E



- C273**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere
- C295**

C273	■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3
	■ 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1
C295	■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3
	■ 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1



d_1 \varnothing Inch	d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C273	C295
	2.00	6	10	54	4	-	-	C2732.0	C2952.0
	2.50	6	12	56	4	-	-	C2732.5	
	3.00	6	12	56	4	-	-	C2733.0	C2953.0
1/8	3.18	6	15	59	4	-	-	C2731/8	¹⁾
	3.50	6	15	59	4	-	-	C2733.5	
	4.00	6	19	63	4	-	-	C2734.0	C2954.0
	4.50	6	19	63	4	-	-	C2734.5	
3/16	4.76	6	24	68	4	-	-	C2733/16	¹⁾
	5.00	6	24	68	4	-	-	C2735.0	C2955.0
	5.50	6	24	68	4	-	-	C2735.5	
	6.00	6	24	68	4	-	-	C2736.0	C2956.0
1/4	6.35	10	30	80	4	-	-	C2731/4	¹⁾
	7.00	10	30	80	4	-	-	C2737.0	C2957.0
	8.00	10	38	88	4	-	-	C2738.0	C2958.0
	9.00	10	38	88	4	-	-	C2739.0	C2959.0
3/8	9.52	10	45	95	4	54.5	9.5	C2733/8	¹⁾
	10.00	10	45	95	4	54.5	9.5	C27310.0	C29510.0
	11.00	12	45	102	4	-	-	C27311.0	C29511.0
	12.00	12	53	110	4	64.5	11.5	C27312.0	C29512.0
1/2	12.70	12	53	110	4	64.5	11.5	C2731/2	¹⁾
	13.00	12	53	110	4	64.5	11.5	C27313.0	C29513.0
	14.00	12	53	110	4	64.5	11.5	C27314.0	C29514.0
	15.00	12	53	110	4	64.5	11.5	C27315.0	C29515.0
5/8	15.88	16	63	123	4	74.5	15.5	C2735/8	¹⁾

¹⁾ diametertolerans +.0025" / -.0005" / halk.toleransi: + 0,0025" / -0,0005" / diametertoleranse +.0025" / -.0005" / diameter tolerance +.0025" / -.0005"

d₁ Ø Inch	d₁ Ø mm	d₂ Øh ₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C273	C295
3/4	16.00	16	63	123	4	74.5	15.5	C27316.0	C29516.0
	18.00	16	63	123	4	74.5	15.5	C27318.0	C29518.0
	19.05	20	75	141	4	90.5	18.5	C2733/4	¹⁾
	20.00	20	75	141	4	90.5	19.5	C27320.0	C29520.0
	22.00	20	75	141	5	90.5	19.5	C27322.0	C29522.0
7/8	22.22	20	75	141	5	90.5	19.5	C2737/8	¹⁾
	25.00	25	90	166	5	109.5	24.5	C27325.0	C29525.0
	25.40	25	90	166	5	109.5	24.5	C2731	¹⁾
1"	28.00	25	90	166	6	109.5	24.5	C27328.0	C29528.0
	30.00	25	90	166	6	109.5	24.5	C27330.0	C29530.0
	32.00	32	106	186	6	125.5	31.5	C27332.0	C29532.0
	36.00	32	106	186	6	125.5	31.5	C27336.0	²⁾³⁾
1.1/2	38.10	40	125	217	6	146.5	37.0	C2731.1/2	¹⁾²⁾³⁾
	40.00	40	125	217	6	146.5	39.0	C27340.0	²⁾³⁾
								C29540.0	²⁾³⁾

¹⁾ diametertolerans +.0025" / -.0005" / halk.toleranssi: + 0,0025" / -0,0005" / diametertoleranse +.0025" / -.0005" / diameter tolerance +.0025" / -.0005"

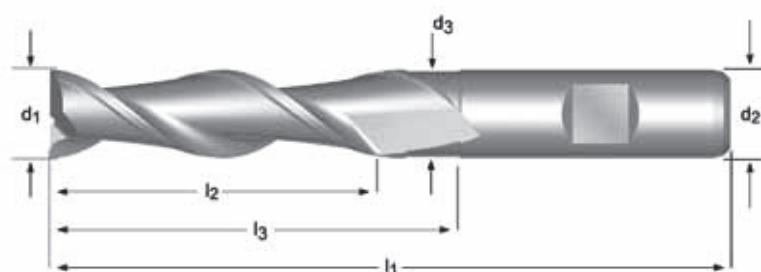
²⁾ ej centerskärande / Ei ole poraava / Ikke senterskjærende / Ikke centerskær

³⁾ Endast tillgänglig i HSCo / Saatavana vain HSCo / Bare tilgjengelig i HSCo / Kun tilgængelig i HSCO



- C166**
- Pinnfräser
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere

C166	■	1.1	6.1	6.2	6.3	7.1	7.2	7.3	8.1	8.2
	■	1.2	1.3	2.1	2.2	4.1	5.1			

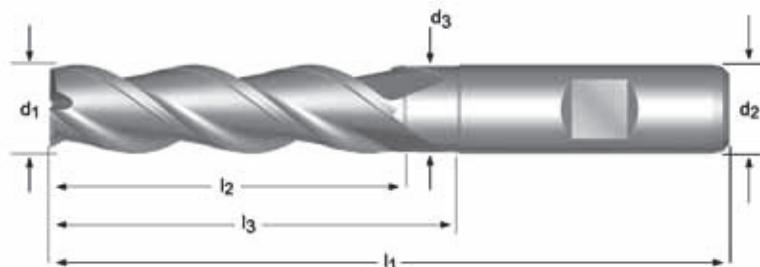


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C166
6.00	6	24	68	2	-	-	C1666.0
7.00	10	30	80	2	-	-	C1667.0
8.00	10	38	88	2	-	-	C1668.0
9.00	10	38	88	2	-	-	C1669.0
10.00	10	45	95	2	-	-	C16610.0
12.00	12	53	110	2	-	-	C16612.0
14.00	12	53	110	2	64.5	11.5	C16614.0
16.00	16	63	123	2	74.5	15.5	C16616.0



- C333**
- Pinnfräsar
 - Varsijyrsimet
 - Pinnefresere
 - Sporfræsere
- C359**

C333	▪	6.1	7.2										
	▪	1.1	1.2	1.3	2.1	2.2	4.1	5.1	7.1	7.3			
C359	▪	1.2	6.1	7.2	7.3	7.4							
	▪	1.1	1.3	2.1	2.2	2.3	4.1	4.2	5.1	5.2	6.2	7.1	

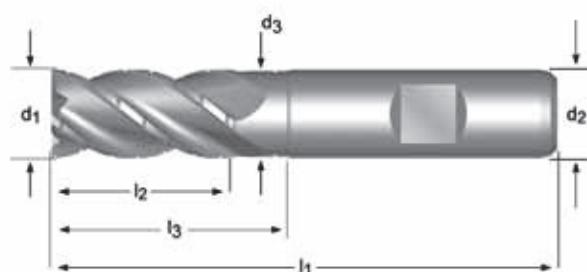


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C333	C359
10.00	10	45	95	3	54.5	9.5	C33310.0	C35910.0
12.00	12	53	110	3	64.5	11.5	C33312.0	C35912.0
14.00	12	53	110	3	64.5	11.5	C33314.0	C35914.0
16.00	16	63	123	3	74.5	15.5	C33316.0	C35916.0
18.00	16	63	123	3	74.5	15.5	C33318.0	C35918.0
20.00	20	75	141	3	90.5	19.5	C33320.0	C35920.0
25.00	25	90	166	3	109.5	24.5	C33325.0	C35925.0
30.00	25	90	166	3	109.5	24.5	C33330.0	C35930.0



- C365**
- Spåndelande Pinnfräsar
 - Rouhinta jyrsimet
 - Spondelende Pinnefresere
 - Spåndelende Sporfræsere

C365	■	6.1	6.2	6.3	7.1	7.2	7.3	8.1	8.2
	■	1.1	1.2	1.3	2.1	4.1	5.1		


C365

10.00 - 30.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C365
10.00	10	22	72	3	31.5	9.5	C36510.0
12.00	12	26	83	3	37.5	11.5	C36512.0
14.00	12	26	83	3	37.5	11.5	C36514.0
16.00	16	32	92	3	43.5	15.5	C36516.0
18.00	16	32	92	4	43.5	15.5	C36518.0
20.00	20	38	104	4	53.5	19.5	C36520.0
25.00	25	45	121	4	64.5	24.5	C36525.0
30.00	25	45	121	4	64.5	24.5	C36530.0

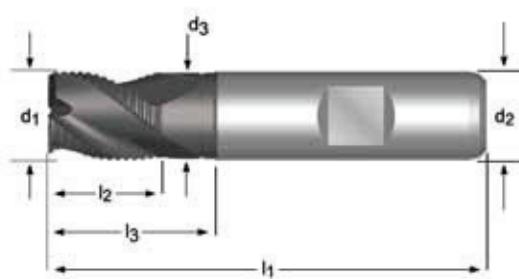
C324


Alcrona



- Spändelande Pinnfräsar
 - Rouhintajyrsimet
 - Spondelende Pinnefresere
 - Spändelende Sporfræsere
- C324**

C324	■	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.2	5.3	6.2	7.4
	●	1.3	4.1	5.1	6.4												


C324


8.00 - 30.00

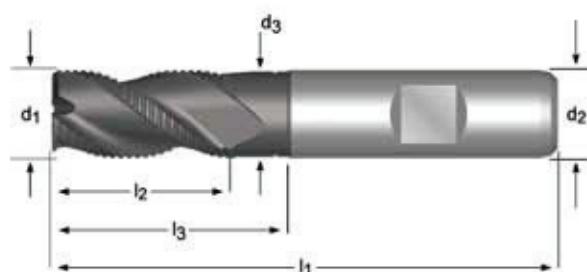
d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C324
8.00	10	11	61	3	-	-	C3248.0
10.00	10	13	63	3	22.5	9.5	C32410.0
12.00	12	16	73	3	27.5	11.5	C32412.0
14.00	12	16	73	3	27.5	11.5	C32414.0
16.00	16	19	79	3	30.5	15.5	C32416.0
18.00	16	19	79	3	30.5	15.5	C32418.0
20.00	20	22	88	3	37.5	19.5	C32420.0
22.00	20	22	88	3	37.5	19.5	C32422.0
25.00	25	26	102	3	45.5	24.5	C32425.0
28.00	25	26	102	3	45.5	24.5	C32428.0
30.00	25	26	102	3	45.5	24.5	C32430.0

C922



- Spåndelande Pinnfräsar
 - Rouhintaajrsimet
 - Spondelende Pinnefresere
 - Spåndelende Sporfræsere
- C922**

C922	■	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.2	5.3	6.2	7.4
	■	1.3	4.1	5.1	6.4												



C922



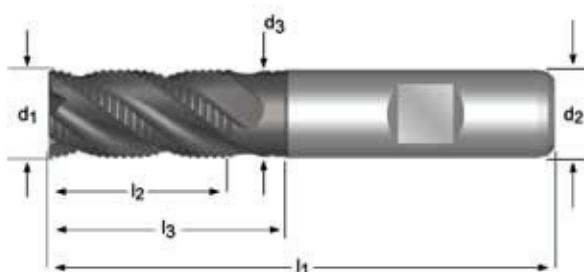
6.00 - 40.00

d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C922
6.00	6	13	57	3	-	-	C9226.0
7.00	10	16	66	3	-	-	C9227.0
8.00	10	19	69	3	-	-	C9228.0
9.00	10	19	69	3	-	-	C9229.0
10.00	10	22	72	3	31.5	9.5	C92210.0
11.00	12	22	79	3	-	-	C92211.0
12.00	12	26	83	3	37.5	11.5	C92212.0
13.00	12	26	83	3	37.5	11.5	C92213.0
14.00	12	26	83	3	37.5	11.5	C92214.0
15.00	12	26	83	3	37.5	11.5	C92215.0
16.00	16	32	92	3	43.5	15.5	C92216.0
18.00	16	32	92	3	43.5	15.5	C92218.0
20.00	20	38	104	3	53.5	19.5	C92220.0
22.00	20	38	104	3	53.5	19.5	C92222.0
24.00	25	45	121	4	64.5	23.5	C92224.0
25.00	25	45	121	4	64.5	24.5	C92225.0
26.00	25	45	121	4	64.5	24.5	C92226.0
28.00	25	45	121	4	64.5	24.5	C92228.0
30.00	25	45	121	4	64.5	24.5	C92230.0
32.00	32	53	133	4	72.5	31.5	C92232.0
36.00	32	53	133	4	72.5	31.0	C92236.0
40.00	40	63	155	4	84.5	39.0	C92240.0

C428


- Spåndelande Pinnfräser
 - Rouhintajyrsimet
 - Spondelende Pinnefresere
 - Spåndelende Sporfræsere
- C428**

C428	■	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.2	5.3	6.2	7.4
	●	1.3	4.1	5.1	6.4												


C428


6.00 - 40.00

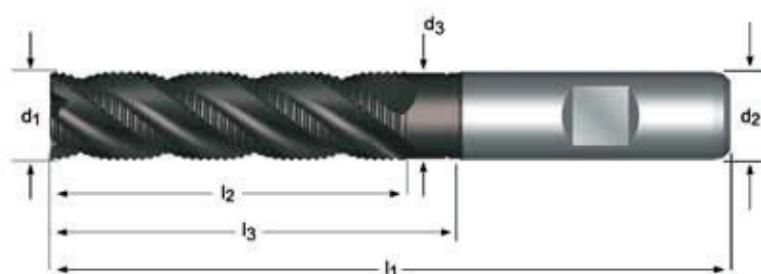
d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C428
6.00	6	13	57	4	-	-	C4286.0
7.00	10	16	66	4	-	-	C4287.0
8.00	10	19	69	4	-	-	C4288.0
9.00	10	19	69	4	-	-	C4289.0
10.00	10	22	72	4	31.5	9.5	C42810.0
11.00	12	22	79	4	-	-	C42811.0
12.00	12	26	83	4	37.5	11.5	C42812.0
13.00	12	26	83	4	37.5	11.5	C42813.0
14.00	12	26	83	4	37.5	11.5	C42814.0
15.00	12	26	83	4	37.5	11.5	C42815.0
16.00	16	32	92	4	43.5	15.5	C42816.0
18.00	16	32	92	4	43.5	15.5	C42818.0
20.00	20	38	104	4	53.5	19.5	C42820.0
22.00	20	38	104	4	53.5	19.5	C42822.0
25.00	25	45	121	6	64.5	24.5	C42825.0
28.00	25	45	121	6	64.5	24.5	C42828.0
30.00	25	45	121	6	64.5	24.5	C42830.0
32.00	32	53	133	6	72.5	31.5	C42832.0
36.00	32	53	133	6	72.5	31.0	C42836.0
40.00	40	63	155	6	84.5	39.0	C42840.0

C492



- Spåndelande Pinnfräsar
- Rouhinta jyrsimet
- Spondelende Pinnefresere
- Spåndelende Sporfræsere

C492	■	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.2	5.3	6.2	7.4
	■	4.1	5.1	6.4														



C492



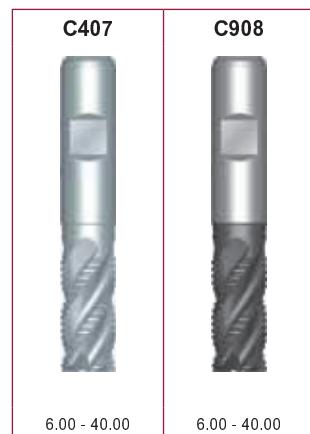
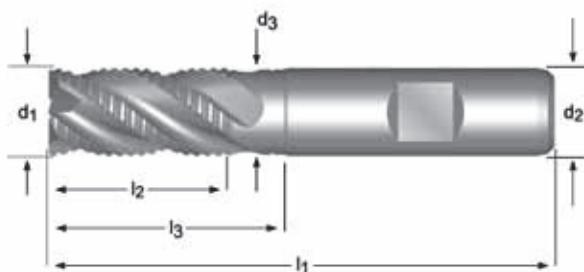
6.00 - 30.00

d ₁ Ø mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	l ₃ mm	d ₃ Ø mm	C492
6.00	6	24	68	3	-	-	C4926.0
8.00	10	38	88	3	-	-	C4928.0
10.00	10	45	95	4	54.5	9.5	C49210.0
12.00	12	53	110	4	64.5	11.5	C49212.0
14.00	12	53	110	4	64.5	11.5	C49214.0
16.00	16	63	123	4	74.5	15.5	C49216.0
18.00	16	63	123	4	74.5	15.5	C49218.0
20.00	20	75	141	4	90.5	19.5	C49220.0
22.00	20	75	141	4	90.5	19.5	C49222.0
25.00	25	90	166	6	109.5	24.5	C49225.0
30.00	25	90	166	6	109.5	24.5	C49230.0

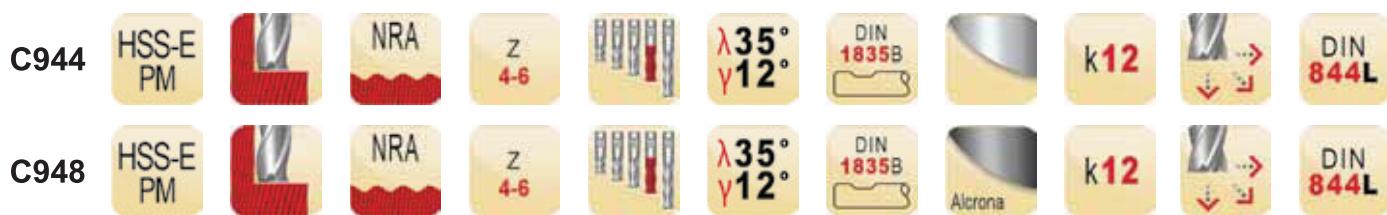


- C407** • Spåndelande Pinnfräser
 • Rouhinetajrsimet
C908 • Spondelende Pinnefresere
 • Spåndelende Sporfræsere

C407	■	1.2	1.3	1.4	1.5	2.1	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.2	5.3	6.2
	•	1.1	1.6	2.2	4.1	5.1	6.4	7.4								
C908	■	1.3	1.4	1.5	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.2	5.3	6.2
	•	1.6	4.1	5.1	6.4	7.4										

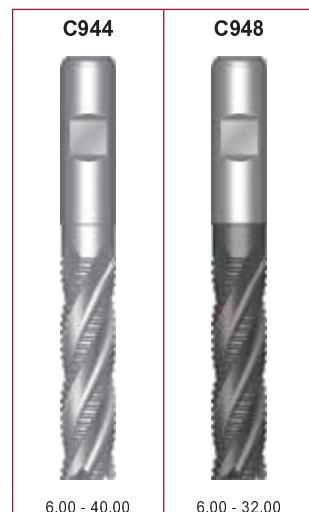
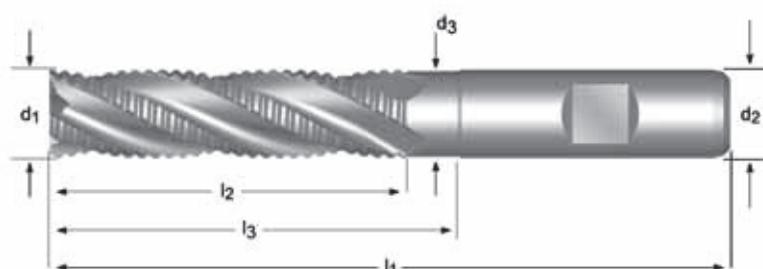


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	l_3 mm	d_3 \varnothing mm	C407	C908	
6.00	6	13	57	4	-	C4076.0	C9086.0	
7.00	10	16	66	4	-	C4077.0	C9087.0	
8.00	10	19	69	4	-	C4078.0	C9088.0	
9.00	10	19	69	4	-	C4079.0	C9089.0	
10.00	10	22	72	4	31.5	C40710.0	C90810.0	
11.00	12	22	79	4	-	C40711.0	C90811.0	
12.00	12	26	83	4	37.5	11.5	C40712.0	C90812.0
13.00	12	26	83	4	37.5	11.5	C40713.0	C90813.0
14.00	12	26	83	4	37.5	11.5	C40714.0	C90814.0
15.00	12	26	83	4	37.5	11.5	C40715.0	C90815.0
16.00	16	32	92	4	43.5	15.5	C40716.0	C90816.0
18.00	16	32	92	4	43.5	15.5	C40718.0	C90818.0
20.00	20	38	104	4	53.5	19.5	C40720.0	C90820.0
22.00	20	38	104	4	53.5	19.5	C40722.0	C90822.0
25.00	25	45	121	6	64.5	24.5	C40725.0	C90825.0
28.00	25	45	121	6	64.5	24.5	C40728.0	C90828.0
30.00	25	45	121	6	64.5	24.5	C40730.0	C90830.0
32.00	32	53	133	6	72.5	31.5	C40732.0	C90832.0
36.00	32	53	133	6	72.5	31.0		C90836.0
40.00	40	63	155	6	84.5	39.0	C40740.0	C90840.0



- C944**
- Spåndelande Pinnfräser
 - Rouhintajyrsimet
 - Spondelende Pinnefresere
 - Spåndelende Sporfræsere
- C948**

C944	■ 1.3 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4
	■ 1.6 2.2 4.1 5.1 6.4
C948	■ 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4
	■ 4.1 5.1 6.4



d ₁ Ø mm	d ₂ Ø h ₆ mm	l ₂ mm	l ₁ mm	z	l ₃ mm	d ₃ Ø mm	C944	C948
6.00	6	24	68	4	-	-	C9446.0	C9486.0
8.00	10	38	88	4	-	-	C9448.0	C9488.0
10.00	10	45	95	4	54.5	9.5	C94410.0	C94810.0
12.00	12	53	110	4	64.5	11.5	C94412.0	C94812.0
14.00	12	53	110	4	64.5	11.5	C94414.0	C94814.0
16.00	16	63	123	4	74.5	15.5	C94416.0	C94816.0
18.00	16	63	123	4	74.5	15.5		C94818.0
20.00	20	75	141	4	90.5	19.5	C94420.0	C94820.0
25.00	25	90	166	6	109.5	24.5	C94425.0	C94825.0
30.00	25	90	166	6	109.5	24.5		C94830.0
32.00	32	106	186	6	125.5	31.5	C94432.0	C94832.0
40.00	40	125	217	6	-	-	C94440.0	

C921
**HSS-E
PM**

FS

**Z
3-6**

**λ 45°
γ 12°**

**DIN
1835B**

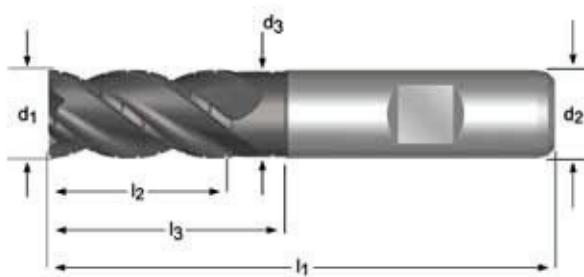
Alcrona

k10

V

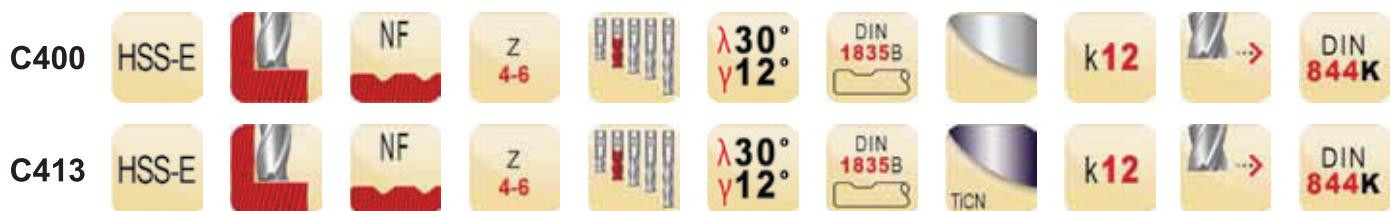

- C921**
- Spåndelande Pinnfräser
 - Rouhinetajrysime
 - Spondelende Pinnefresere
 - Spåndelende Sporfræsere

C921	■	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.2	4.3	5.2	5.3	6.2	7.4
	●	4.1	5.1	6.4														


C921

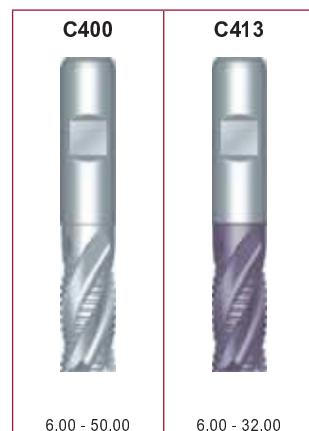
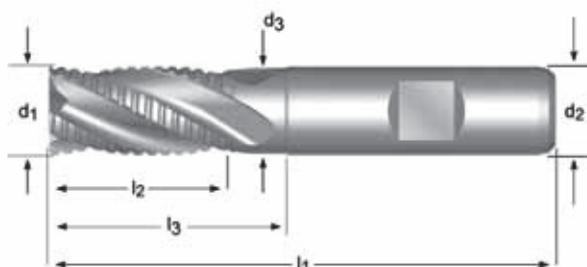

6.00 - 32.00

d₁ Ø mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C921
6.00	6	13	57	3	-	-	C9216.0
8.00	10	19	69	4	-	-	C9218.0
10.00	10	22	72	4	31.5	9.5	C92110.0
12.00	12	26	83	4	37.5	11.5	C92112.0
14.00	12	26	83	4	37.5	11.5	C92114.0
16.00	16	32	92	4	43.5	15.5	C92116.0
18.00	16	32	92	4	43.5	15.5	C92118.0
20.00	20	38	104	4	53.5	19.5	C92120.0
22.00	20	38	104	5	53.5	19.5	C92122.0
25.00	25	45	121	5	64.5	24.5	C92125.0
28.00	25	45	121	6	64.5	24.5	C92128.0
30.00	25	45	121	6	64.5	24.5	C92130.0
32.00	32	53	133	6	72.5	31.5	C92132.0

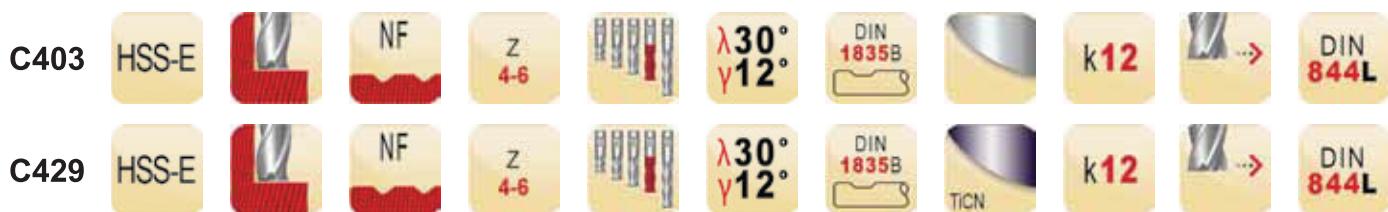


C400 • Spändelande Pinnfräsar
C413 • Rouhintajyrsimet
 • Spondelende Pinnefresere
 • Spändelende Sporfræsere

C400	■	1.2	1.3	6.2	6.3																	
	■	1.1	1.4	2.1	3.1	3.2	3.3	3.4	4.1	4.2	5.1	5.2	6.1	7.2	7.3	8.1						
C413	■	1.2	1.3	1.4	3.1	3.2	3.3	3.4	4.2	5.2	6.2	6.3										
	■	1.1	1.5	1.6	2.1	2.3	4.1	4.3	5.1	5.3	6.1	6.4	7.2	7.3	7.4	8.1						

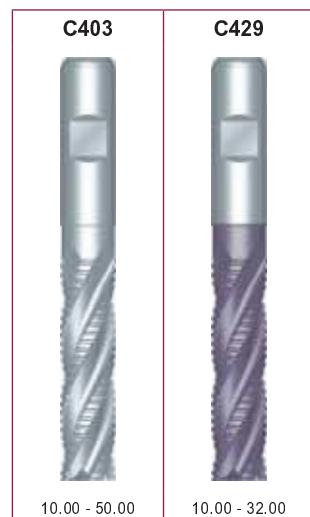
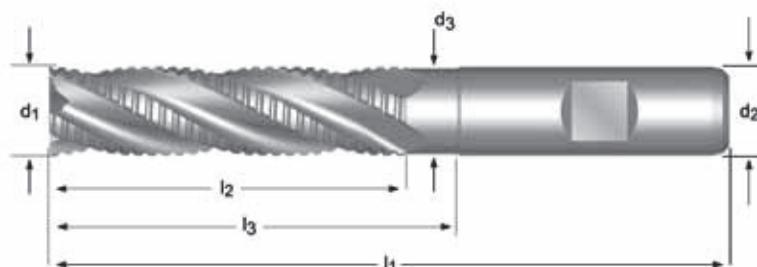


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C400	C413
6.00	6	13	57	4	-	-	C4006.0	C4136.0
7.00	10	16	66	4	-	-	C4007.0	
8.00	10	19	69	4	-	-	C4008.0	C4138.0
9.00	10	19	69	4	-	-	C4009.0	
10.00	10	22	72	4	-	-	C40010.0	C41310.0
11.00	12	22	79	4	-	-	C40011.0	
12.00	12	26	83	4	-	-	C40012.0	C41312.0
13.00	12	26	83	4	37.5	11.5	C40013.0	
14.00	12	26	83	4	37.5	11.5	C40014.0	C41314.0
15.00	12	26	83	4	37.5	11.5	C40015.0	
16.00	16	32	92	4	43.5	15.5	C40016.0	C41316.0
18.00	16	32	92	4	43.5	15.5	C40018.0	C41318.0
20.00	20	38	104	4	53.5	19.5	C40020.0	C41320.0
22.00	20	38	104	4	53.5	19.5	C40022.0	C41322.0
25.00	25	45	121	5	64.5	24.5	C40025.0	C41325.0
26.00	25	45	121	5	64.5	24.5	C40026.0	
28.00	25	45	121	5	64.5	24.5	C40028.0	C41328.0
30.00	25	45	121	5	64.5	24.5	C40030.0	C41330.0
32.00	32	53	133	6	72.5	31.0	C40032.0	C41332.0
40.00	40	63	155	6	84.5	39.0	C40040.0	
50.00	50	75	177	6	96.5	48.0	C40050.0	

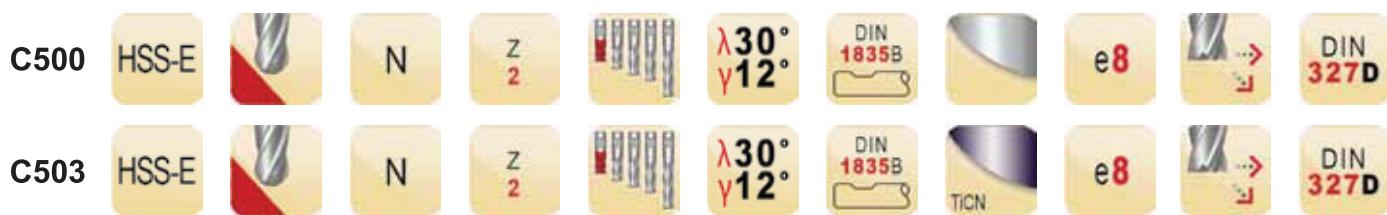


- C403** • Spåndelende Pinnfrässar
 • Rouhintajrysime
 • Spondelende Pinnefresere
 • Spåndelende Sporfræsere
- C429**

C403	■	1.2	1.3	6.2	6.3							
	■	1.1	1.4	2.1	3.1	3.2	3.3	3.4	4.1	4.2	5.1	5.2
C429	■	1.2	1.3	1.4	3.1	3.2	3.3	3.4	4.2	5.2	6.2	6.3
	■	1.1	1.5	1.6	2.1	2.3	4.1	4.3	5.1	5.3	6.1	6.4

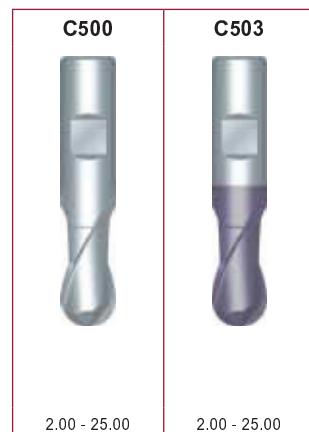
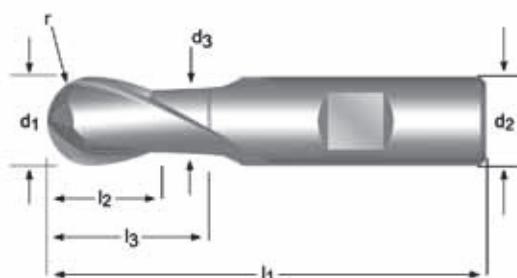


d_1 \varnothing mm	d_2 $\varnothing h_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 \varnothing mm	C403	C429
10.00	10	45	95	4	-	-	C40310.0	C42910.0
12.00	12	53	110	4	-	-	C40312.0	C42912.0
14.00	12	53	110	4	64.5	11.5	C40314.0	C42914.0
16.00	16	63	123	4	74.5	15.5	C40316.0	C42916.0
18.00	16	63	123	4	74.5	15.5	C40318.0	C42918.0
20.00	20	75	141	4	90.5	19.5	C40320.0	C42920.0
22.00	20	75	141	4	90.5	19.5	C40322.0	
25.00	25	90	166	5	109.5	24.5	C40325.0	C42925.0
30.00	25	90	166	5	109.5	24.5	C40330.0	C42930.0
32.00	32	106	186	6	125.5	31.0	C40332.0	C42932.0
36.00	32	106	186	6	125.5	31.5	C40336.0	
40.00	40	125	217	6	146.5	39.0	C40340.0	
45.00	40	125	217	6	146.5	39.5	C40345.0	
50.00	50	150	252	6	171.5	48.0	C40350.0	



- C500**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere
- C503**

C500	■	1.1	1.2	4.1	5.1	6.1	6.2	6.3						
	■	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.2	5.2	7.1	7.2	7.3	8.1
C503	■	1.1	1.2	1.3	1.4	3.1	3.2	3.3	3.4	4.1	4.2	5.1	5.2	6.1
	■	1.5	1.6	2.1	2.3	4.3	5.3	6.4	7.1	7.2	7.3	7.4	8.1	6.2

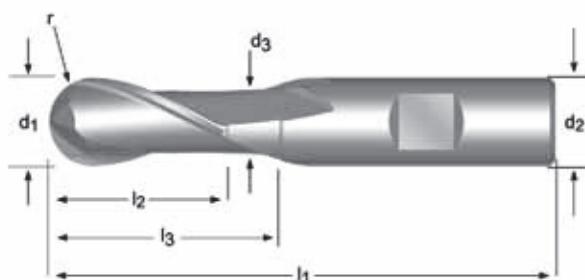


d ₁ Ø mm	r ±0.05 mm	d ₂ Øh ₆ mm	l ₂ mm	l ₁ mm	z	l ₃ mm	d ₃ Ø mm	C500	C503
2.00	1.00	6	4	48	2	-	-	C5002.0	C5032.0
3.00	1.50	6	5	49	2	-	-	C5003.0	C5033.0
4.00	2.00	6	7	51	2	-	-	C5004.0	C5034.0
5.00	2.50	6	8	52	2	-	-	C5005.0	C5035.0
6.00	3.00	6	8	52	2	-	-	C5006.0	C5036.0
7.00	3.50	10	10	60	2	-	-	C5007.0	C5037.0
8.00	4.00	10	11	61	2	-	-	C5008.0	C5038.0
9.00	4.50	10	11	61	2	-	-	C5009.0	C5039.0
10.00	5.00	10	13	63	2	-	-	C50010.0	C50310.0
11.00	5.50	12	13	70	2	-	-	C50011.0	C50311.0
12.00	6.00	12	16	73	2	-	-	C50012.0	C50312.0
13.00	6.50	12	16	73	2	27.5	11.5	C50013.0	C50313.0
14.00	7.00	12	16	73	2	27.5	11.5	C50014.0	C50314.0
15.00	7.50	12	16	73	2	27.5	11.5	C50015.0	C50315.0
16.00	8.00	16	19	79	2	30.5	15.5	C50016.0	C50316.0
18.00	9.00	16	19	79	2	30.5	15.5	C50018.0	C50318.0
20.00	10.00	20	22	88	2	37.5	19.5	C50020.0	C50320.0
25.00	12.50	25	26	102	2	45.5	24.5	C50025.0	C50325.0



- C505**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

C505	■	1.1	1.2	4.1	5.1	6.1	6.2	6.3	
	●	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.2 5.2 7.1 7.2 7.3 8.1


C505

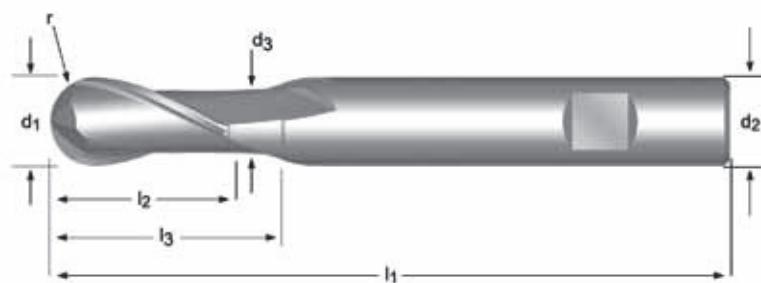

3.00 - 30.00

d₁ Ø mm	r ±0.05 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C505
3.00	1.50	6	8	52	2	-	-	C5053.0
4.00	2.00	6	11	55	2	-	-	C5054.0
5.00	2.50	6	13	57	2	-	-	C5055.0
6.00	3.00	6	13	57	2	-	-	C5056.0
8.00	4.00	10	19	69	2	-	-	C5058.0
10.00	5.00	10	22	72	2	-	-	C50510.0
12.00	6.00	12	26	83	2	-	-	C50512.0
14.00	7.00	12	26	83	2	37.5	11.5	C50514.0
16.00	8.00	16	32	92	2	43.5	15.5	C50516.0
20.00	10.00	20	38	104	2	53.5	19.5	C50520.0
22.00	11.00	20	38	104	2	53.5	19.5	C50522.0
25.00	12.50	25	45	121	2	64.5	24.5	C50525.0
28.00	14.00	25	45	121	2	64.5	24.5	C50528.0
30.00	15.00	25	45	121	2	64.5	24.5	C50530.0



- C511**
- Radiepinnfräsar
 - Sädejyrsimet
 - Radiepinnefresere
 - Radiesporfræsere

C511	■	1.1	1.2	4.1	5.1	6.1	6.2	6.3						
	●	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.2	5.2	7.1	7.2	7.3	8.1

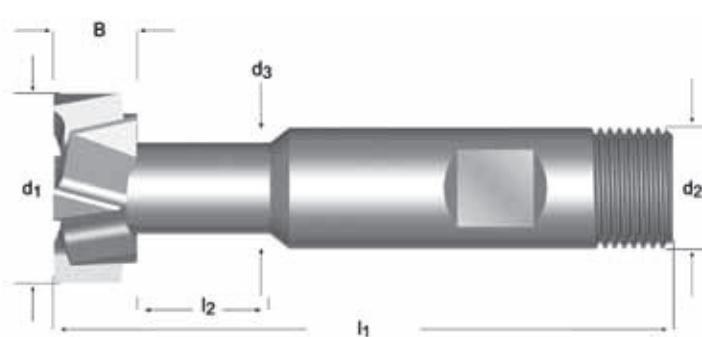


d₁ Ø mm	r ±0.05 mm	d₂ Øh₆ mm	l₂ mm	l₁ mm	z	l₃ mm	d₃ Ø mm	C511
3.00	1.50	6	8	56	2	-	-	C5113.0
4.00	2.00	6	11	63	2	-	-	C5114.0
5.00	2.50	6	13	68	2	-	-	C5115.0
6.00	3.00	6	13	68	2	-	-	C5116.0
8.00	4.00	10	19	88	2	-	-	C5118.0
10.00	5.00	10	22	95	2	-	-	C51110.0
12.00	6.00	12	26	110	2	-	-	C51112.0
14.00	7.00	12	26	110	2	64.5	11.5	C51114.0
16.00	8.00	16	32	123	2	74.5	15.5	C51116.0
18.00	9.00	16	32	123	2	74.5	15.5	C51118.0
20.00	10.00	20	38	141	2	90.5	19.5	C51120.0
25.00	12.50	25	45	166	2	109.5	24.5	C51125.0



- C800**
- T - Spårfräsar
 - T - urajyrsimet
 - T - Sporfresere
 - T - Sporsfræsere

C800	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	10.1											


C800

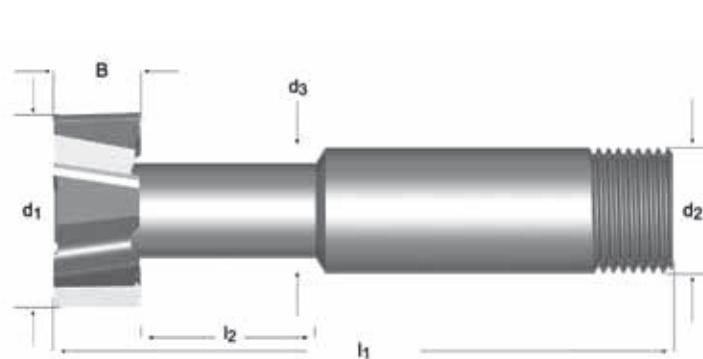

11.00 - 50.00

B mm	d ₁ Ø mm	T DIN650	d ₃ Ø mm	l ₂ mm	l ₁ mm	d ₂ Øh ₆ mm	z	C800
4.0	11.00	5	4	6.5	53.5	10	6	C80011.0X5.0
6.0	12.50	6	5	9	57.0	10	6	C80012.5X6.0
8.0	16.00	8	7	12	62.0	10	6	C80016.0X8.0
8.0	18.00	10	8	15	70.0	12	6	C80018.0X10.0
9.0	21.00	12	10	18	74.0	12	8	C80021.0X12.0
11.0	25.00	14	12	20	82.0	16	8	C80025.0X14.0
14.0	32.00	18	15	26	90.0	16	8	C80032.0X18.0
18.0	40.00	22	19	27	108.0	25	8	C80040.0X22.0
22.0	50.00	28	25	34	124.0	32	8	C80050.0X28.0



- C810**
- T - Spårfräser
 - T - urajyrsimet
 - T - Sporfresere
 - T - Sporsfræsere

C810	■	1.1	1.2	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3	6.4	7.1	7.2	7.3
	■	1.5	1.6	2.2	2.3	4.2	4.3	5.2	5.3	7.4	8.1	10.1							



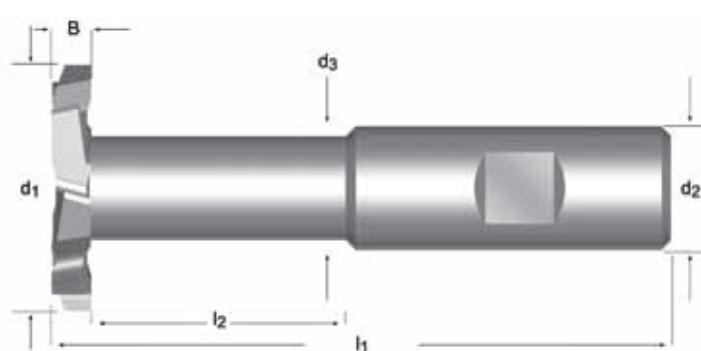
12.50 - 1.61/64

B Inch	B mm	d ₁ Ø Inch	d ₁ Ø mm	T DIN650	d ₃ Ø mm	l ₂ mm	l ₁ mm	d ₂ Ø Inch	d ₂ Ø0,-0.025 mm	z	C810
6.00	12.50	6.0	5.00	11	57.0			10.0	6		C8106.0
1/4	6.35	37/64	14.68	1/4	6.35	14	60.5	1/2	12.7	6	C8101/4
	8.00		16.00	8.0	7.00	13	61.0		10.0	6	C8108.0
5/16	7.94	45/64	17.86	5/16	7.15	17	65.0	1/2	12.7	6	C8105/16
	8.00		18.00	10.0	8.00	17	65.0		12.0	6	C81010.0
	9.00		21.00	12.0	10.00	20	69.0		12.0	6	C81012.0
23/64	9.13	53/64	21.03	3/8	8.75	19	68.5	1/2	12.7	6	C8103/8
27/64	10.72	61/64	24.21	7/16	9.50	22	73.0	1/2	12.7	6	C8107/16
	11.00		25.00	14.0	12.00	23	79.0		16.0	6	C81014.0
15/32	11.91	1.5/64	27.38	1/2	11.90	24	76.0	1/2	12.7	6	C8101/2
	12.00		28.00	16.0	13.00	23	76.0		16.0	6	C81016.0
37/64	14.68	1.21/64	33.73	5/8	14.30	30	101.5	1"	25.4	8	C8105/8
	14.00		32.00	18.0	15.00	27	98.0		25.0	8	C81018.0
	16.00		36.00	20.0	17.00	30	100.0		25.0	8	C81020.0
11/16	17.46	1.33/64	38.50	3/4	17.45	35	109.5	1"	25.4	8	C8103/4
	18.00		40.00	22.0	19.00	33	108.0		25.0	8	C81022.0
51/64	20.24	1.45/64	43.26	7/8	20.65	40	117.5	1"	25.4	8	C8107/8
29/32	23.02	1.61/64	49.61	1"	23.80	47	127.0	1"	25.4	8	C8101



- T - Spårfrästar
 - T - urajyrsimet
 - T - Sporfresere
 - T - Sporsfræsere
- C825**

C825	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	10.1											


C825

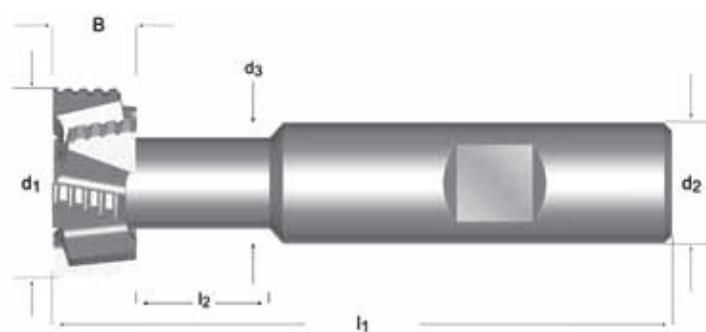

40.00 - 63.00

B mm	d ₁ Ø mm	d ₃ Ø mm	l ₂ mm	l ₁ mm	d ₂ Ø h ₆ mm	z	C825
3	40	19.2	46	100	20	8	C8253.0X40.0
4	40	19.2	45	100	20	8	C8254.0X40.0
5	40	19.2	44	100	20	8	C8255.0X40.0
6	40	19.2	43	100	20	8	C8256.0X40.0
8	40	19.2	41	100	20	8	C8258.0X40.0
10	40	19.2	39	100	20	8	C82510.0X40.0
6	63	24.2	67	130	25	12	C8256.0X63.0
8	63	24.2	65	130	25	12	C8258.0X63.0
10	63	24.2	63	130	25	12	C82510.0X63.0
12	63	24.2	61	130	25	12	C82512.0X63.0
14	63	24.2	59	130	25	12	C82514.0X63.0
16	63	24.2	57	130	25	12	C82516.0X63.0
18	63	24.2	55	130	25	12	C82518.0X63.0



- C801**
- T - Spårfräser
 - T - urajyrsimet
 - T - Sporfresere
 - T - Sporsfræsere

C801	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	10.1											


C801

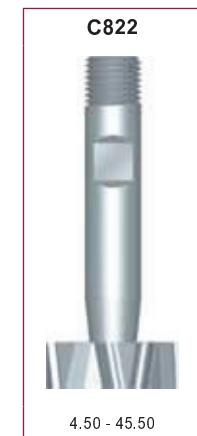
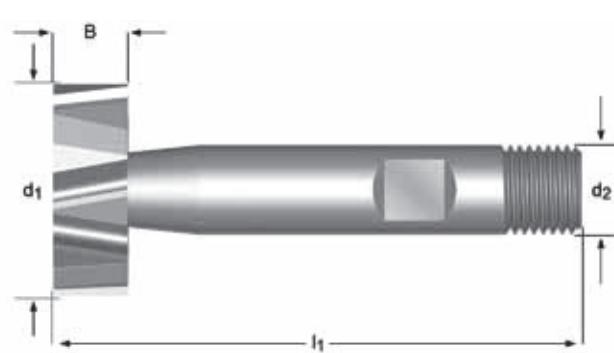

16.00 - 32.00

B mm	d ₁ Ø mm	T DIN650	d ₃ Ø mm	l ₂ mm	l ₁ mm	d ₂ Øh ₆ mm	z	C801
8.0	16.0	8	7	10	62	10	6	C80116.0X8.0
8.0	18.0	10	8	13	70	12	6	C80118.0X10.0
9.0	21.0	12	10	16	74	12	6	C80121.0X12.0
11.0	25.0	14	12	17	82	16	8	C80125.0X14.0
14.0	32.0	18	15	22	90	16	8	C80132.0X18.0



- C822**
- Woodruff Fräser
 - Woodruff-urajyrsimet
 - Woodruff Fresere
 - Woodruff Fræsere

C822	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	10.1											

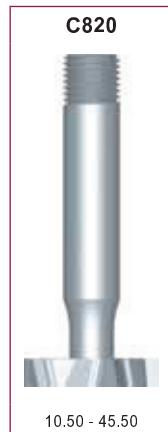
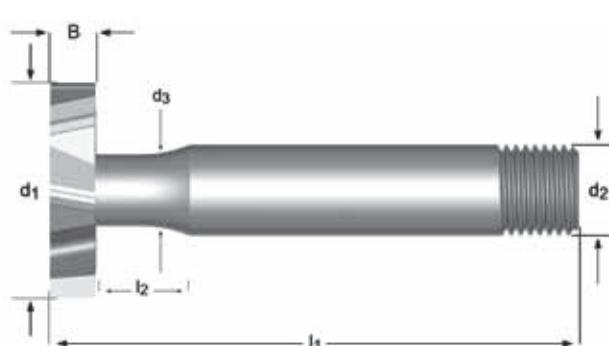


B mm	d ₁ Ø mm	l ₁ mm	d ₂ Øh ₆ mm	z	C822
1.0	4.50	50	6	6	C8224.5X1.0
1.5	7.50	50	6	6	C8227.5X1.5
2.0	7.50	50	6	6	C8227.5X2.0
2.0	10.50	50	6	8	C82210.5X2.0
2.5	10.50	50	6	8	C82210.5X2.5
3.0	10.50	50	6	8	C82210.5X3.0
3.0	13.50	56	10	8	C82213.5X3.0
4.0	13.50	56	10	8	C82213.5X4.0
3.0	16.50	56	10	8	C82216.5X3.0
4.0	16.50	56	10	8	C82216.5X4.0
5.0	16.50	56	10	8	C82216.5X5.0
3.0	19.50	63	10	6	C82219.5X3.0
4.0	19.50	63	10	10	C82219.5X4.0
5.0	19.50	63	10	10	C82219.5X5.0
5.0	22.50	63	10	10	C82222.5X5.0
6.0	22.50	63	10	10	C82222.5X6.0
8.0	22.50	63	10	10	C82222.5X8.0
6.0	25.50	63	10	12	C82225.5X6.0
6.0	28.50	63	10	12	C82228.5X6.0
8.0	28.50	63	10	12	C82228.5X8.0
10.0	28.50	71	12	12	C82228.5X10.0
8.0	32.50	71	12	12	C82232.5X8.0
10.0	32.50	71	12	12	C82232.5X10.0
10.0	45.50	71	12	12	C82245.5X10.0



- C820
- Woodruff Fräser
 - Woodruff-urajyrsimet
 - Woodruff Fresere
 - Woodruff Fræsere

C820	■	1.1	1.2	1.3	1.4	2.1	2.2	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3	7.1	7.2	7.3
	■	1.5	1.6	2.3	4.2	4.3	5.2	5.3	6.4	7.4	8.1	10.1							



10.50 - 45.50

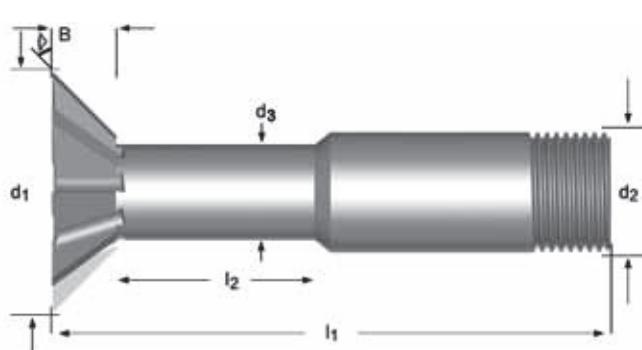
Nr.	B Inch	B mm	d ₁ Ø Inch	d ₁ Ø mm	d ₃ Ø mm	l ₂ mm	l ₁ mm	d ₂ Ø Inch	d ₂ Ø,0,-0.025 mm	z	C820
		2.00		10.50	3.90	10	57.0		12.0	6	C82010.5X2.0
		2.50		10.50	3.90	10	57.0		12.0	6	C82010.5X2.5
		3.00		10.50	4.20	10	57.0		12.0	6	C82010.5X3.0
204	1/16	1.59	1/2	12.70	3.30	10	57.0	1/2	12.7	6	C820204
304	3/32	2.38	1/2	12.70	4.05	10	57.0	1/2	12.7	6	C820304
404	1/8	3.18	1/2	12.70	4.85	10	57.0	1/2	12.7	6	C820404
		2.00		13.50	4.00	10	57.0		12.0	6	C82013.5X2.0
		2.50		13.50	4.00	10	57.0		12.0	6	C82013.5X2.5
		3.00		13.50	5.00	10	57.0		12.0	6	C82013.5X3.0
		4.00		13.50	5.00	10	57.0		12.0	6	C82013.5X4.0
305	3/32	2.38	5/8	15.88	4.85	10	57.0	1/2	12.7	6	C820305
405	1/8	3.18	5/8	15.88	5.65	10	57.0	1/2	12.7	6	C820405
505	5/32	3.97	5/8	15.88	6.35	10	57.0	1/2	12.7	6	C820505
		2.50		16.50	4.00	10	57.0		12.0	6	C82016.5X2.5
		3.00		16.50	5.00	10	57.0		12.0	6	C82016.5X3.0
		4.00		16.50	5.00	10	57.0		12.0	6	C82016.5X4.0
		5.00		16.50	5.60	10	57.0		12.0	6	C82016.5X5.0
406	1/8	3.18	3/4	19.05	5.50	10	57.0	1/2	12.7	6	C820406
506	5/32	3.97	3/4	19.05	6.35	10	57.0	1/2	12.7	6	C820506
606	3/16	4.76	3/4	19.05	7.15	10	57.0	1/2	12.7	6	C820606
		3.00		19.50	5.60	10	57.0		12.0	6	C82019.5X3.0
		4.00		19.50	5.60	10	57.0		12.0	6	C82019.5X4.0
		5.00		19.50	6.00	10	57.0		12.0	6	C82019.5X5.0
507	5/32	3.97	7/8	22.23	6.35	10	63.5	1/2	12.7	8	C820507
607	3/16	4.76	7/8	22.23	7.15	10	63.5	1/2	12.7	8	C820607
707	7/32	5.56	7/8	22.23	7.95	10	63.5	1/2	12.7	8	C820707
807	1/4	6.35	7/8	22.23	8.75	10	63.5	1/2	12.0	8	C820807
		4.00		22.50	5.60	10	63.5		12.0	8	C82022.5X4.0
		5.00		22.50	6.00	10	63.5		12.0	8	C82022.5X5.0
		6.00		22.50	6.50	10	63.5		12.0	8	C82022.5X6.0
608	3/16	4.76	1"	25.40	7.15	10	70.0	1/2	12.7	8	C820608
708	7/32	5.56	1"	25.40	7.95	10	70.0	1/2	12.7	8	C820708
808	1/4	6.35	1"	25.40	8.75	10	70.0	1/2	12.7	8	C820808
1008	5/16	7.94	1"	25.40	10.30	10	70.0	1/2	12.7	8	C8201008
		5.00		25.50	7.50	10	70.0		12.0	8	C82025.5X5.0
		6.00		25.50	7.50	10	70.0		12.0	8	C82025.5X6.0
		7.00		25.50	8.00	10	70.0		12.0	8	C82025.5X7.0
		8.00		25.50	8.00	10	70.0		12.0	8	C82025.5X8.0

Nr.	B Inch	B mm	d ₁ Ø Inch	d ₁ Ø mm	d ₃ Ø mm	l ₂ mm	l ₁ mm	d ₂ Ø Inch	d ₂ Ø, -0.025 mm	z	C820
		5.00		28.50	8.00	12	70.0		12.0	8	C82028.5X5.0
		6.00		28.50	8.50	12	70.0		12.0	8	C82028.5X6.0
		7.00		28.50	8.50	12	70.0		12.0	8	C82028.5X7.0
		8.00		28.50	9.00	12	70.0		12.0	8	C82028.5X8.0
609	3/16	4.76	1.1/8	28.58	7.95	12	70.0	1/2	12.7	8	C820609
709	7/32	5.56	1.1/8	28.58	8.75	12	70.0	1/2	12.7	8	C820709
809	1/4	6.35	1.1/8	28.58	9.50	12	70.0	1/2	12.7	8	C820809
1009	5/16	7.94	1.1/8	28.58	11.10	12	70.0	1/2	12.7	8	C8201009
610	3/16	4.76	1.1/4	31.75	7.95	12	70.0	1/2	12.7	10	C820610
710	7/32	5.56	1.1/4	31.75	8.75	12	70.0	1/2	12.7	10	C820710
810	1/4	6.35	1.1/4	31.75	9.50	12	70.0	1/2	12.7	10	C820810
1010	5/16	7.94	1.1/4	31.75	11.10	12	70.0	1/2	12.7	10	C8201010
1210	3/8	9.53	1.1/4	31.75	11.95	12	70.0	1/2	12.7	10	C8201210
		5.00		32.50	8.00	12	70.0		12.0	10	C82032.5X5.0
		6.00		32.50	8.50	12	70.0		12.0	10	C82032.5X6.0
		7.00		32.50	8.50	12	70.0		12.0	10	C82032.5X7.0
		8.00		32.50	9.00	12	70.0		12.0	10	C82032.5X8.0
811	1/4	6.35	1.3/8	34.93	11.10	20	76.0	1/2	12.7	10	C820811
1011	5/16	7.94	1.3/8	34.93	11.95	20	76.0	1/2	12.7	10	C8201011
1211	3/8	9.53	1.3/8	34.93	11.95	20	76.0	1/2	12.7	10	C8201211
		6.00		35.50	9.50	20	76.0		12.0	10	C82035.5X6.0
		7.00		35.50	9.50	20	76.0		12.0	10	C82035.5X7.0
		8.00		35.50	11.50	20	76.0		12.0	10	C82035.5X8.0
		9.00		35.50	11.50	20	76.0		12.0	10	C82035.5X9.0
812	1/4	6.35	1.1/2	38.10	11.10	20	76.0	1/2	12.7	10	C820812
1012	5/16	7.94	1.1/2	38.10	11.95	20	76.0	1/2	12.7	10	C8201012
1212	3/8	9.53	1.1/2	38.10	11.95	20	76.0	1/2	12.7	10	C8201212
		7.00		38.50	10.50	20	76.0		12.0	10	C82038.5X7.0
		8.00		38.50	11.50	20	76.0		12.0	10	C82038.5X8.0
		9.00		38.50	11.50	20	76.0		12.0	10	C82038.5X9.0
		10.00		38.50	11.50	20	76.0		12.0	10	C82038.5X10.0
		10.00		45.50	11.50	20	76.0		12.0	12	C82045.5X10.0



- C837**
- Vinkeländfräsar
 - Kulmaotsajyrsimet
 - Vinkelendefres
 - Vinkelendefræsere

C837	■	1.1	1.2	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3	7.1	7.2	7.3
	■	1.5	1.6	2.2	2.3	4.2	4.3	5.2	5.3	6.4	7.4	8.1						



D	B	d ₁ Ø mm	d ₁ Ø Inch	d ₃ mm	l ₂ mm	l ₁ mm	d ₂ Ø mm	d ₂ Ø0,-0.025 Ø Inch	z	C837	
45°	3.0			13.00	4.75	16.5	63.5		12.00	6	C83713.0
45°	4.0	5/8		15.88	6.35	17.5	66.5	1/2	12.70	6	C8375/8
45°	4.0			16.00	6.35	17.5	66.5		12.00	6	C83716.0
45°	5.5			19.00	6.35	16.0	66.5		12.00	6	C83719.0
45°	5.5	3/4		19.05	6.35	16.0	66.5	1/2	12.70	6	C8373/4
45°	6.5			22.00	7.15	16.0	68.5		12.00	6	C83722.0
45°	6.5	7/8		22.23	7.15	16.0	68.5	1/2	12.70	6	C8377/8
45°	7.5			25.00	7.95	16.5	70.0		12.00	6	C83725.0
45°	8.0	1"		25.40	7.95	16.0	70.0	1/2	12.70	6	C8371
45°	8.5			28.00	9.55	17.0	71.5		16.00	6	C83728.0
45°	8.5	1.1/4		31.75	11.10	16.0	74.5	5/8	15.88	8	C8371.1/4
45°	8.5			32.00	11.10	16.0	74.5		16.00	8	C83732.0
45°	9.5	1.3/8		34.93	11.90	16.5	78.0	1"	25.40	8	C8371.3/8
45°	9.5			35.00	11.90	16.5	78.0		25.00	8	C83735.0
45°	10.5			38.00	12.70	16.0	78.5		25.00	8	C83738.0
45°	10.5	1.1/2		38.10	12.70	16.0	78.5	1"	25.40	8	C8371.1/2



C835

HSS



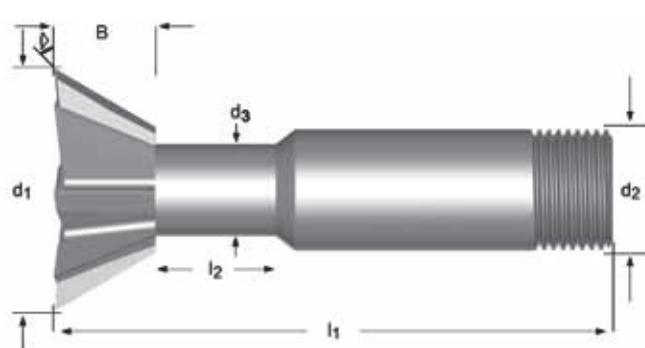
N

Z
6-8λ 0°
γ 0°DIN
1835D

DORMER

- Vinkeländfräsar
 - Kulmaotsajyrsimet
 - Vinkelendefres
 - Vinkelendefræsere
- C835**

C835	■	1.1	1.2	1.3	1.4	2.1	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3	7.1	7.2	7.3
	●	1.5	1.6	2.2	2.3	4.2	4.3	5.2	5.3	6.4	7.4	8.1						

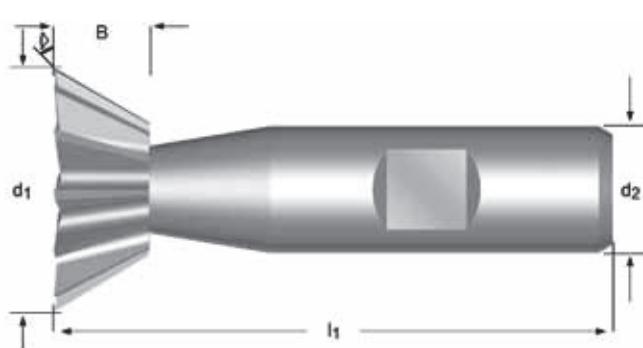


D	B	d ₁		d ₃	l ₂	l ₁	d ₂		d ₂ Ø0,-0.025	z	C835
		Ø	Inch	Ø	Inch	Ø	Inch	Ø	mm	z	
60°	4.0	1/2		12.70	7.15	16.5	63.50	1/2	12.70	6	C8351/2
60°	4.0			13.00	7.15	16.5	63.50		12.00	6	C83513.0
60°	5.5	5/8		15.88	7.55	18.0	66.50	1/2	12.70	6	C8355/8
60°	5.5			16.00	7.55	18.0	66.50		12.00	6	C83516.0
60°	7.0			19.00	8.35	17.5	67.50		12.00	6	C83519.0
60°	7.0	3/4		19.05	8.35	17.5	67.50	1/2	12.70	6	C8353/4
60°	9.5			22.00	8.75	15.0	67.50		12.00	6	C83522.0
60°	9.5	7/8		22.23	8.75	15.0	67.50	1/2	12.70	6	C8357/8
60°	12.0			25.00	8.75	15.0	70.00		12.00	6	C83525.0
60°	12.0	1"		25.40	8.75	15.0	70.00	1/2	12.70	6	C8351
60°	12.5			28.00	11.10	15.5	73.00		16.00	6	C83528.0
60°	12.5	1.1/8		28.58	11.10	15.5	73.00	5/8	15.88	6	C8351.1/8
60°	13.5			32.00	12.70	16.0	74.50		16.00	8	C83532.0
60°	13.5	1.1/4		31.75	12.70	16.0	74.50	5/8	15.88	8	C8351.1/4
60°	14.5	1.3/8		34.93	12.70	16.0	82.50	1"	25.40	8	C8351.3/8
60°	14.5			35.00	12.70	16.0	82.50		25.00	8	C83535.0
60°	16.0			38.00	17.45	16.0	84.00		25.00	8	C83538.0
60°	16.0	1.1/2		38.10	17.45	16.0	84.00	1"	25.40	8	C8351.1/2



- Vinkeländfräsar
- Kulmaotsajyrsimet
- Vinkelendefres
- Vinkelendefræsere

C830	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	10.1											



▷	B mm	d ₁ Ø mm	l ₁ mm	d ₂ Øh ₆ mm	z	C830
45°	3.5	12.0	54	10	10	C83012.0X45
45°	4.0	16.0	60	12	10	C83016.0X45
45°	5.0	20.0	63	12	10	C83020.0X45
45°	6.3	25.0	67	12	10	C83025.0X45
45°	8.0	32.0	71	16	12	C83032.0X45
60°	5.0	12.0	54	10	10	C83012.0X60
60°	6.3	16.0	60	12	10	C83016.0X60
60°	8.0	20.0	63	12	10	C83020.0X60
60°	10.0	25.0	67	12	10	C83025.0X60
60°	12.5	32.0	71	16	12	C83032.0X60

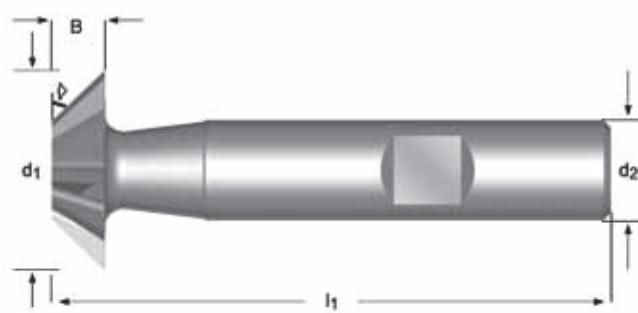


- Vinkeländfräs inverterad

C831

- Kulmaotsajyrsimet
- Vinkelendefres
- Vinkelendefræsere

C831	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	10.1											


C831

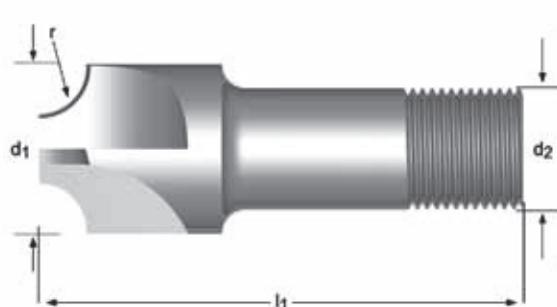

12.00 - 32.00

▷	B mm	d ₁ Ø mm	l ₁ mm	d ₂ Øh ₆ mm	z	C831
45°	3.5	12.0	54	10	10	C83112.0X45
45°	4.0	16.0	60	12	10	C83116.0X45
45°	5.0	20.0	63	12	10	C83120.0X45
45°	6.3	25.0	67	12	10	C83125.0X45
45°	8.0	32.0	71	16	12	C83132.0X45
60°	5.0	12.0	54	10	10	C83112.0X60
60°	6.3	16.0	60	12	10	C83116.0X60
60°	8.0	20.0	63	12	10	C83120.0X60
60°	10.0	25.0	67	12	10	C83125.0X60
60°	12.5	32.0	71	16	12	C83132.0X60



- C710**
- Hörnradiefräser
 - Kulmanpyöristysjyrsimet
 - Hjørneradiefresere
 - Hjørneradiefræsere

C710	■	1.1	1.2	1.3	1.4	2.1	2.2	3.1	3.2	3.3	3.4	4.1	4.2	5.1	5.2	6.1	6.2	6.3	7.1	7.2	7.3
	■	1.5	1.6	2.3	4.3	5.3	6.4	7.4	10.1												



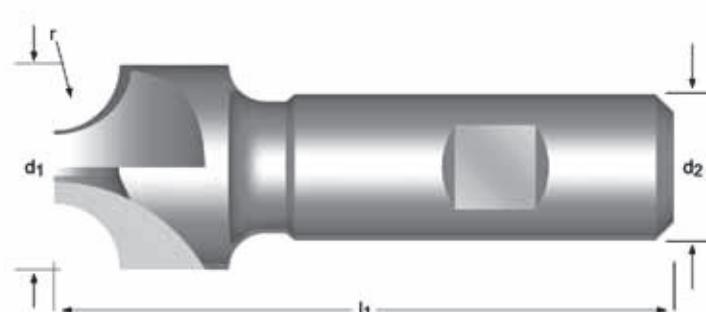
1/16 - 1/2

r Inch	d ₁ Ø Inch	d ₂ Øh ₈ Inch	d ₂ Ø mm	l ₁ mm	z	C710
1/16	3/8	3/8	9.53	60.5	4	C7101/16
3/32	7/16	3/8	9.53	60.5	4	C7103/32
1/8	1/2	1/2	12.70	60.5	4	C7101/8
5/32	9/16	1/2	12.70	60.5	4	C7105/32
3/16	5/8	5/8	15.88	60.5	4	C7103/16
7/32	3/4	5/8	15.88	63.5	4	C7107/32
1/4	7/8	5/8	15.88	63.5	4	C7101/4
5/16	1"	1"	25.40	73.0	4	C7105/16
3/8	1.1/16	1"	25.40	76.0	4	C7103/8
7/16	1.3/16	1"	25.40	79.5	4	C7107/16
1/2	1.3/8	1"	25.40	82.5	4	C7101/2



- C700**
- Hörnradiefräsar
 - Kulmanpyöristysjyrsimet
 - Hjørneradiefresere
 - Hjørneradiefræsere

C700	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
		6.2	6.3	6.4	7.1	7.2	7.3	7.4		10.1											



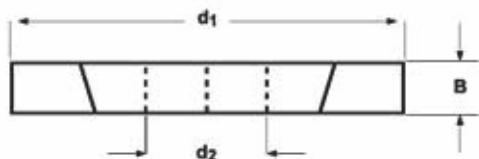
r mm	d ₁ Ø mm	d ₂ Øh ₆ mm	l ₁ mm	z	C700
1.00	10	10	60	4	C7001.0
1.50	10	10	60	4	C7001.5
2.00	10	10	60	4	C7002.0
2.50	10	10	60	4	C7002.5
3.00	12	12	60	4	C7003.0
3.50	12	12	60	4	C7003.5
4.00	15	12	60	4	C7004.0
5.00	18	16	70	4	C7005.0
6.00	21	16	70	4	C7006.0
7.00	24	16	70	4	C7007.0
8.00	24	16	70	4	C7008.0
9.00	28	20	85	4	C7009.0
10.00	28	20	85	4	C70010.0
12.00	35	20	100	4	C70012.0
12.50	35	20	100	4	C70012.5
14.00	42	25	100	4	C70014.0
15.00	48	25	105	5	C70015.0
16.00	48	25	105	5	C70016.0
18.00	52	32	115	5	C70018.0
20.00	60	32	115	6	C70020.0

D200	HSS-E				Z 16-30						λ 15° γ 10°							js16			DIN 885A
D763	HSS-E				Z 28-44						λ 15° γ 10°							js16			DIN 885A

D200 • Skivfräsar
• Kiekkojyrsimet, 3-sivuiset
• Skivefresere
• Skivefræsere

D763

D200; D763	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2
		5.3	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1								



	D200	D763
	50.00 - 200.00	63.00 - 125.00

d ₁ ∅ mm	B mm	d ₂ ∅ mm	z	D200	D763
50.00	4.0	16	16	D20050.0X4.0	
50.00	5.0	16	16	D20050.0X5.0	
50.00	6.0	16	16	D20050.0X6.0	
50.00	8.0	16	16	D20050.0X8.0	
50.00	10.0	16	16	D20050.0X10.0	
63.00	1.6	22	32		D76363.0X1.6
63.00	2.0	22	32		D76363.0X2.0
63.00	2.5	22	32		D76363.0X2.5
63.00	3.0	22	28		D76363.0X3.0
63.00	3.5	22	28		D76363.0X3.5
63.00	4.0	22	18	D20063.0X4.0	
63.00	5.0	22	18	D20063.0X5.0	
63.00	6.0	22	18	D20063.0X6.0	
63.00	8.0	22	18	D20063.0X8.0	
63.00	10.0	22	18	D20063.0X10.0	
63.00	12.0	22	18	D20063.0X12.0	
63.00	14.0	22	18	D20063.0X14.0	
63.00	16.0	22	16	D20063.0X16.0	
80.00	2.0	27	36		D76380.0X2.0
80.00	2.5	27	36		D76380.0X2.5
80.00	3.0	27	32		D76380.0X3.0
80.00	3.5	27	32		D76380.0X3.5
80.00	4.0	27	20	D20080.0X4.0	
80.00	5.0	27	20	D20080.0X5.0	
80.00	6.0	27	20	D20080.0X6.0	
80.00	8.0	27	20	D20080.0X8.0	
80.00	10.0	27	18	D20080.0X10.0	
80.00	12.0	27	18	D20080.0X12.0	
80.00	14.0	27	18	D20080.0X14.0	
80.00	16.0	27	18	D20080.0X16.0	
80.00	20.0	27	18	D20080.0X20.0	
100.00	2.0	32	44		D763100.0X2.0
100.00	2.5	32	44		D763100.0X2.5
100.00	3.0	32	40		D763100.0X3.0

d₁ Ø mm	B mm	d₂ Ø mm	z	D200	D763
100.00	3.5	32	40		D763100.0X3.5
100.00	4.0	32	24	D200100.0X4.0	
100.00	5.0	32	24	D200100.0X5.0	
100.00	6.0	32	24	D200100.0X6.0	
100.00	8.0	32	22	D200100.0X8.0	
100.00	10.0	32	22	D200100.0X10.0	
100.00	12.0	32	20	D200100.0X12.0	
100.00	14.0	32	20	D200100.0X14.0	
100.00	16.0	32	20	D200100.0X16.0	
100.00	18.0	32	20	D200100.0X18.0	
100.00	20.0	32	20	D200100.0X20.0	
100.00	25.0	32	20	D200100.0X25.0	
125.00	2.0	32	44		D763125.0X2.0
125.00	2.5	32	44		D763125.0X2.5
125.00	3.0	32	44		D763125.0X3.0
125.00	3.5	32	40		D763125.0X3.5
125.00	4.0	32	40		D763125.0X4.0
125.00	6.0	32	26	D200125.0X6.0	
125.00	8.0	32	26	D200125.0X8.0	
125.00	10.0	32	24	D200125.0X10.0	
125.00	12.0	32	22	D200125.0X12.0	
125.00	14.0	32	22	D200125.0X14.0	
125.00	16.0	32	22	D200125.0X16.0	
125.00	20.0	32	22	D200125.0X20.0	
125.00	25.0	32	22	D200125.0X25.0	
160.00	8.0	40	28	D200160.0X8.0	
160.00	10.0	40	26	D200160.0X10.0	
160.00	12.0	40	26	D200160.0X12.0	
160.00	14.0	40	24	D200160.0X14.0	
160.00	16.0	40	24	D200160.0X16.0	
160.00	18.0	40	24	D200160.0X18.0	
160.00	20.0	40	24	D200160.0X20.0	
200.00	12.0	40	30	D200200.0X12.0	
200.00	16.0	40	30	D200200.0X16.0	
200.00	20.0	40	30	D200200.0X20.0	



- Metallsågklingor Grov

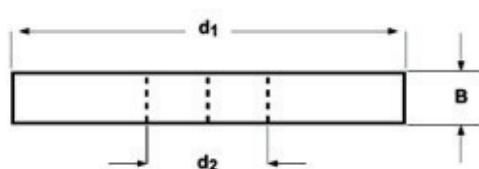
D745

- Sahajyrsimet

- Freseblad

- Savfræsere

D745	■	1.1	1.2	1.3	1.4	3.1	3.2	3.3	6.1	6.2	6.3	7.1	7.2	7.3	8.1
	■	2.1	2.2												



D745

50.00 - 315.00

d ₁ Ø mm	B mm	d ₂ Ø mm	z	D745
50.00	0.5	13	48	D74550.0X.5
50.00	0.6	13	48	D74550.0X.6
50.00	0.8	13	40	D74550.0X.8
50.00	1.0	13	40	D74550.0X.10
50.00	1.2	13	40	D74550.0X.12
50.00	1.5	13	32	D74550.0X.15
50.00	1.6	13	32	D74550.0X.16
50.00	2.0	13	32	D74550.0X.20
50.00	2.5	13	32	D74550.0X.25
50.00	3.0	13	24	D74550.0X.30
63.00	0.5	16	64	D74563.0X.5
63.00	0.6	16	48	D74563.0X.6
63.00	0.8	16	48	D74563.0X.8
63.00	1.0	16	48	D74563.0X.10
63.00	1.2	16	40	D74563.0X.12
63.00	1.5	16	40	D74563.0X.15
63.00	1.6	16	40	D74563.0X.16
63.00	2.0	16	40	D74563.0X.20
63.00	2.5	16	32	D74563.0X.25
63.00	3.0	16	32	D74563.0X.30
80.00	0.5	22	64	D74580.0X.5
80.00	0.6	22	64	D74580.0X.6
80.00	0.8	22	64	D74580.0X.8
80.00	1.0	22	48	D74580.0X.10
80.00	1.2	22	48	D74580.0X.12
80.00	1.5	22	48	D74580.0X.15
80.00	1.6	22	48	D74580.0X.16
80.00	2.0	22	40	D74580.0X.20
80.00	2.5	22	40	D74580.0X.25
80.00	3.0	22	40	D74580.0X.30
80.00	4.0	22	32	D74580.0X.40
80.00	5.0	22	32	D74580.0X.50
80.00	6.0	22	32	D74580.0X.60
100.00	0.5	22	80	D745100.0X.5
100.00	0.6	22	80	D745100.0X.6
100.00	0.8	22	64	D745100.0X.8
100.00	1.0	22	64	D745100.0X.10
100.00	1.2	22	64	D745100.0X.12

d₁ Ø mm	B mm	d₂ Ø mm	z	D745
100.00	1.5	22	48	D745100.0X1.5
100.00	1.6	22	48	D745100.0X1.6
100.00	2.0	22	48	D745100.0X2.0
100.00	2.5	22	48	D745100.0X2.5
100.00	3.0	22	40	D745100.0X3.0
100.00	4.0	22	40	D745100.0X4.0
100.00	5.0	22	40	D745100.0X5.0
100.00	6.0	22	32	D745100.0X6.0
125.00	1.0	22	80	D745125.0X1.0
125.00	1.2	22	64	D745125.0X1.2
125.00	1.5	22	64	D745125.0X1.5
125.00	1.6	22	64	D745125.0X1.6
125.00	2.0	22	64	D745125.0X2.0
125.00	2.5	22	48	D745125.0X2.5
125.00	3.0	22	48	D745125.0X3.0
125.00	4.0	22	48	D745125.0X4.0
125.00	5.0	22	40	D745125.0X5.0
125.00	6.0	22	40	D745125.0X6.0
160.00	1.0	32	80	D745160.0X1.0
160.00	1.2	32	80	D745160.0X1.2
160.00	1.5	32	80	D745160.0X1.5
160.00	1.6	32	80	D745160.0X1.6
160.00	2.0	32	64	D745160.0X2.0
160.00	2.5	32	64	D745160.0X2.5
160.00	3.0	32	64	D745160.0X3.0
160.00	4.0	32	48	D745160.0X4.0
160.00	5.0	32	48	D745160.0X5.0
160.00	6.0	32	48	D745160.0X6.0
200.00	1.0	32	100	D745200.0X1.0
200.00	1.2	32	100	D745200.0X1.2
200.00	1.5	32	80	D745200.0X1.5
200.00	1.6	32	80	D745200.0X1.6
200.00	2.0	32	80	D745200.0X2.0
200.00	2.5	32	80	D745200.0X2.5
200.00	3.0	32	64	D745200.0X3.0
200.00	4.0	32	64	D745200.0X4.0
200.00	5.0	32	64	D745200.0X5.0
200.00	6.0	32	48	D745200.0X6.0
250.00	2.0	32	100	D745250.0X2.0
250.00	2.5	32	80	D745250.0X2.5
250.00	3.0	32	80	D745250.0X3.0
250.00	4.0	32	80	D745250.0X4.0
250.00	5.0	32	64	D745250.0X5.0
250.00	6.0	32	64	D745250.0X6.0
315.00	2.5	40	100	D745315.0X2.5
315.00	3.0	40	100	D745315.0X3.0



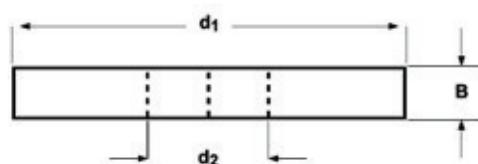
- Metallsågklingor Fin

- Sahajyrsimet

- Freseblad

- Savfræsere

D747	■	1.1	1.2	1.3	1.4	3.1	3.2	3.3	6.1	6.2	6.3	7.1	7.2	7.3	8.1
	■	2.1	2.2												



D747

32.00 - 315.00

d_1 \varnothing mm	B mm	d_2 \varnothing mm	z	D747
32.00	0.3	8	80	D74732.0X.3
32.00	0.4	8	80	D74732.0X.4
32.00	0.5	8	80	D74732.0X.5
32.00	0.6	8	64	D74732.0X.6
32.00	0.8	8	64	D74732.0X.8
32.00	1.0	8	64	D74732.0X1.0
32.00	1.2	8	48	D74732.0X1.2
32.00	1.5	8	48	D74732.0X1.5
32.00	1.6	8	48	D74732.0X1.6
32.00	2.0	8	48	D74732.0X2.0
32.00	2.5	8	40	D74732.0X2.5
32.00	3.0	8	40	D74732.0X3.0
40.00	0.3	10	100	D74740.0X.3
40.00	0.4	10	100	D74740.0X.4
40.00	0.5	10	80	D74740.0X.5
40.00	0.6	10	80	D74740.0X.6
40.00	0.8	10	80	D74740.0X.8
40.00	1.0	10	64	D74740.0X1.0
40.00	1.2	10	64	D74740.0X1.2
40.00	1.5	10	64	D74740.0X1.5
40.00	1.6	10	64	D74740.0X1.6
40.00	2.0	10	48	D74740.0X2.0
40.00	2.5	10	48	D74740.0X2.5
40.00	3.0	10	48	D74740.0X3.0
50.00	0.3	13	128	D74750.0X.3
50.00	0.4	13	100	D74750.0X.4
50.00	0.5	13	100	D74750.0X.5
50.00	0.6	13	100	D74750.0X.6
50.00	0.8	13	80	D74750.0X.8
50.00	1.0	13	80	D74750.0X1.0
50.00	1.2	13	80	D74750.0X1.2
50.00	1.5	13	64	D74750.0X1.5
50.00	1.6	13	64	D74750.0X1.6
50.00	2.0	13	64	D74750.0X2.0
50.00	2.5	13	64	D74750.0X2.5
50.00	3.0	13	48	D74750.0X3.0
50.00	4.0	13	48	D74750.0X4.0
50.00	5.0	13	48	D74750.0X5.0

d₁ Ø mm	B mm	d₂ Ø mm	z	D747
50.00	6.0	13	40	D74750.0X6.0
63.00	0.3	16	128	D74763.0X.3
63.00	0.4	16	128	D74763.0X.4
63.00	0.5	16	128	D74763.0X.5
63.00	0.6	16	100	D74763.0X.6
63.00	0.8	16	100	D74763.0X.8
63.00	1.0	16	100	D74763.0X1.0
63.00	1.2	16	80	D74763.0X1.2
63.00	1.5	16	80	D74763.0X1.5
63.00	1.6	16	80	D74763.0X1.6
63.00	2.0	16	80	D74763.0X2.0
63.00	2.5	16	64	D74763.0X2.5
63.00	3.0	16	64	D74763.0X3.0
63.00	4.0	16	64	D74763.0X4.0
63.00	5.0	16	48	D74763.0X5.0
63.00	6.0	16	48	D74763.0X6.0
80.00	0.4	22	160	D74780.0X.4
80.00	0.5	22	128	D74780.0X.5
80.00	0.6	22	128	D74780.0X.6
80.00	0.8	22	128	D74780.0X.8
80.00	1.0	22	100	D74780.0X1.0
80.00	1.2	22	100	D74780.0X1.2
80.00	1.5	22	100	D74780.0X1.5
80.00	1.6	22	100	D74780.0X1.6
80.00	2.0	22	80	D74780.0X2.0
80.00	2.5	22	80	D74780.0X2.5
80.00	3.0	22	80	D74780.0X3.0
80.00	4.0	22	64	D74780.0X4.0
80.00	5.0	22	64	D74780.0X5.0
80.00	6.0	22	64	D74780.0X6.0
100.00	0.5	22	160	D747100.0X.5
100.00	0.6	22	160	D747100.0X.6
100.00	0.8	22	128	D747100.0X.8
100.00	1.0	22	128	D747100.0X1.0
100.00	1.2	22	128	D747100.0X1.2
100.00	1.5	22	100	D747100.0X1.5
100.00	1.6	22	100	D747100.0X1.6
100.00	2.0	22	100	D747100.0X2.0
100.00	2.5	22	100	D747100.0X2.5
100.00	3.0	22	80	D747100.0X3.0
100.00	4.0	22	80	D747100.0X4.0
100.00	5.0	22	80	D747100.0X5.0
100.00	6.0	22	64	D747100.0X6.0
125.00	1.0	22	160	D747125.0X1.0
125.00	1.2	22	128	D747125.0X1.2
125.00	1.5	22	128	D747125.0X1.5
125.00	1.6	22	128	D747125.0X1.6
125.00	2.0	22	128	D747125.0X2.0
125.00	2.5	22	100	D747125.0X2.5
125.00	3.0	22	100	D747125.0X3.0
125.00	4.0	22	100	D747125.0X4.0
125.00	5.0	22	80	D747125.0X5.0
125.00	6.0	22	80	D747125.0X6.0
160.00	1.0	32	160	D747160.0X1.0
160.00	1.2	32	160	D747160.0X1.2
160.00	1.5	32	160	D747160.0X1.5
160.00	1.6	32	160	D747160.0X1.6
160.00	2.0	32	128	D747160.0X2.0
160.00	2.5	32	128	D747160.0X2.5
160.00	3.0	32	128	D747160.0X3.0
160.00	4.0	32	100	D747160.0X4.0
160.00	5.0	32	100	D747160.0X5.0
160.00	6.0	32	100	D747160.0X6.0
200.00	1.0	32	200	D747200.0X1.0
200.00	1.2	32	200	D747200.0X1.2
200.00	1.5	32	160	D747200.0X1.5
200.00	1.6	32	160	D747200.0X1.6
200.00	2.0	32	160	D747200.0X2.0

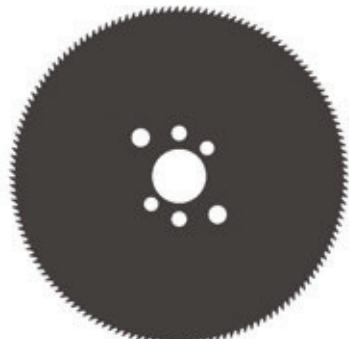
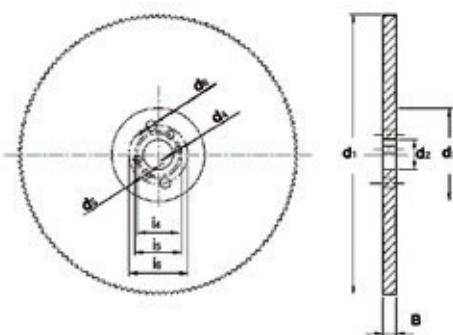
d₁ Ø mm	B mm	d₂ Ø mm	z	D747
200.00	2.5	32	160	D747200.0X2.5
200.00	3.0	32	128	D747200.0X3.0
200.00	4.0	32	128	D747200.0X4.0
200.00	5.0	32	128	D747200.0X5.0
200.00	6.0	32	100	D747200.0X6.0
250.00	2.0	32	200	D747250.0X2.0
250.00	2.5	32	160	D747250.0X2.5
250.00	3.0	32	160	D747250.0X3.0
250.00	4.0	32	160	D747250.0X4.0
250.00	5.0	32	128	D747250.0X5.0
250.00	6.0	32	128	D747250.0X6.0
315.00	2.5	40	200	D747315.0X2.5
315.00	3.0	40	200	D747315.0X3.0
315.00	4.0	40	160	D747315.0X4.0
315.00	5.0	40	160	D747315.0X5.0
315.00	6.0	40	160	D747315.0X6.0



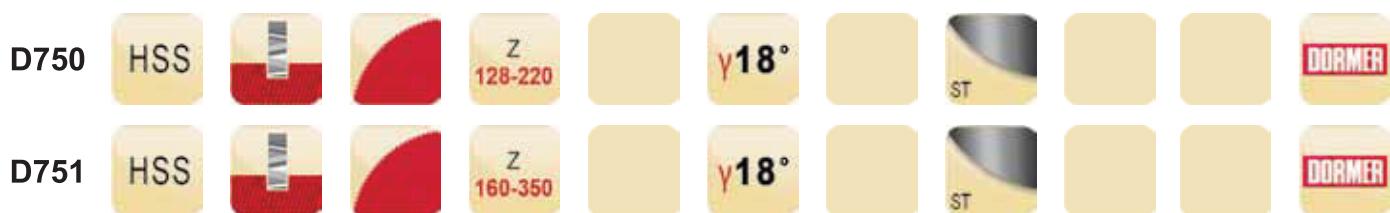
D752 • Metallsågklingor Grov

- Sahajyrsimet
- Freseblad
- Savfræsere

D752; D753	■	1.1	1.2	1.3	1.4	3.1	3.2	3.3	6.1	6.2	6.3	7.1	7.2	7.3	8.1
	■	2.1	2.2												



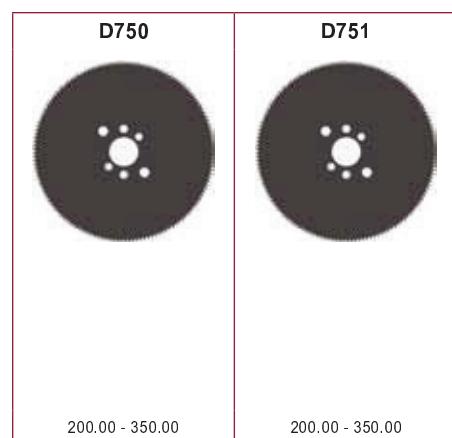
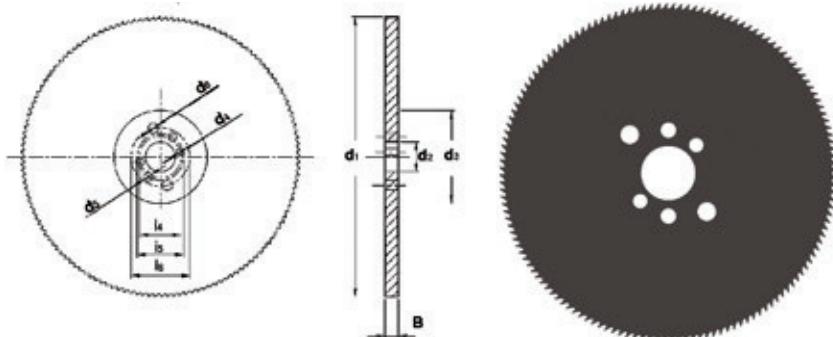
d_1 \varnothing	B	d_2 \varnothing	P	d_3 \varnothing	d_4 \varnothing	i_4	d_5 \varnothing	i_5	d_6 \varnothing	i_6	D752	D753
mm	mm	mm	z	mm	mm	mm	mm	mm	mm	mm		
200	1.8	32	80	8	100	8	45	9	50	11	63	D752200.0X1.8X80
200	1.8	32	100	6	100	8	45	9	50	11	63	D752200.0X1.8X100
225	2.0	32	90	8	100	8	45	9	50	11	63	D752225.0X2.0X90
225	2.0	32	120	6	100	8	45	9	50	11	63	D752225.0X2.0X120
250	2.0	32	100	8	100	8	45	9	50	11	63	D753250.0X2.0
250	2.0	32	128	6	100	8	45	9	50	11	63	D752250.0X2.0X128
275	2.5	32	110	8	100	8	45	9	50	11	63	D752275.0X2.5X110
300	2.5	32	120	8	100	8	45	9	50	11	63	D753300.0X2.5
300	2.5	32	160	6	100	8	45	9	50	11	63	D752300.0X2.5X160
315	2.5	32	120	8	100	8	45	9	50	11	63	D753315.0X2.5
315	2.5	32	160	6	100	8	45	9	50	11	63	D752315.0X2.5X160
350	2.5	32	140	8	120	8	45	9	50	11	63	D753350.0X2.5
350	2.5	32	180	6	120	8	45	9	50	11	63	D752350.0X2.5X180



D750

- Metallsågklingor Grov
- Sahajyrsimet
- Freseblad
- Savfræsere

D750; D751	■	1.1	1.2	1.3	1.4	3.1	3.2	3.3	6.1	6.2	6.3	7.1	7.2	7.3	8.1
	●	2.1	2.2												

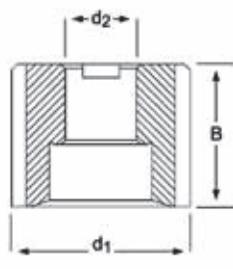


d_1 \varnothing	B	d_2 \varnothing	P	d_3 \varnothing	d_4 \varnothing	i_4	d_5 \varnothing	i_5	d_6 \varnothing	i_6	D750	D751
mm	mm	mm	z	mm	mm	mm	mm	mm	mm	mm		
200	1.8	32	130	5	100	8	45	9	50	11	63	D750200.0X1.8
200	1.8	32	160	4	100	8	45	9	50	11	63	D751200.0X1.8X160
200	1.8	32	200	3	100	8	45	9	50	11	63	D751200.0X1.8X200
225	2.0	32	140	5	100	8	45	9	50	11	63	D750225.0X2.0
225	2.0	32	180	4	100	8	45	9	50	11	63	D751225.0X2.0X180
225	2.0	32	220	3	100	8	45	9	50	11	63	D751225.0X2.0X220
250	2.0	32	160	5	100	8	45	9	50	11	63	D750250.0X2.0
250	2.0	32	200	4	100	8	45	9	50	11	63	D751250.0X2.0X200
250	2.0	32	250	3	100	8	45	9	50	11	63	D751250.0X2.0X250
275	2.5	32	180	5	100	8	45	9	50	11	63	D750275.0X2.5
275	2.5	32	220	4	100	8	45	9	50	11	63	D751275.0X2.5X220
275	2.5	32	280	3	100	8	45	9	50	11	63	D751275.0X2.5X280
300	2.5	32	180	5	100	8	45	9	50	11	63	D750300.0X2.5
300	2.5	32	220	4	100	8	45	9	50	11	63	D751300.0X2.5X220
300	2.5	32	300	3	100	8	45	9	50	11	63	D751300.0X2.5X300
315	2.5	32	200	5	100	8	45	9	50	11	63	D750315.0X2.5
315	2.5	32	240	4	100	8	45	9	50	11	63	D751315.0X2.5X240
315	2.5	32	320	3	100	8	45	9	50	11	63	D751315.0X2.5X320
350	2.5	32	220	5	120	8	45	9	59	11	63	D750350.0X2.5
350	2.5	32	280	4	120	8	45	9	50	11	63	D751350.0X2.5X280
350	2.5	32	350	3	120	8	45	9	50	11	63	D751350.0X2.5X350



- D400**
- Ändplanfräser
 - Otsatasojyrsimet
 - Endeplanfresere
 - Endeplansfræsere
- D420**

D400	■	1.1	1.2	1.3	1.4	2.1	2.3	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3	7.2	7.3			
	●	1.5	1.6	2.2	4.2	4.3	5.2	5.3	6.4	7.1	7.4	8.1	8.2	8.3	10.1						
D420	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
	●	6.2	6.3	6.4	7.2	7.3	7.4	8.1	10.1												
	●	7.1	8.2	8.3																	



d_1 \varnothing mm	B mm	d_2 \varnothing mm	z	D400	D420
40.00	32	16	8	D40040.0	D42040.0
50.00	36	22	8	D40050.0	D42050.0
63.00	40	27	8	D40063.0	D42063.0
80.00	45	27	10	D40080.0	D42080.0
100.00	50	32	12	D40100.0	D420100.0

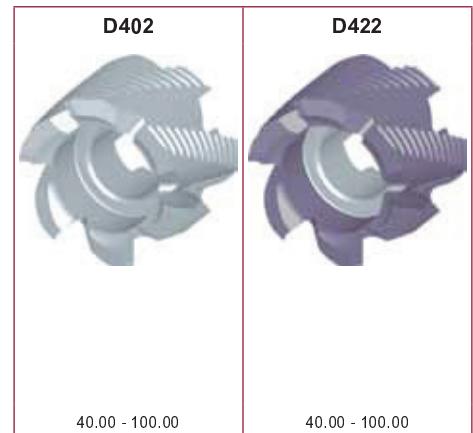
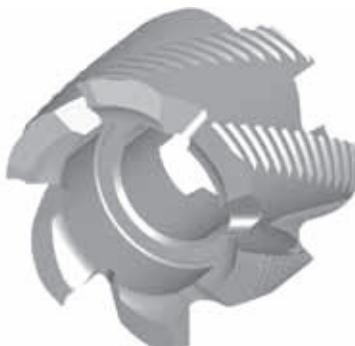
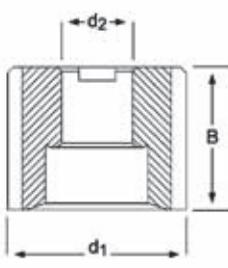
D402	HSS-E		NR		Z 6-10					λ30° γ12°				js16			DIN 1880
D422	HSS-E		NR		Z 6-10					λ30° γ12°			TiCN	js16			DIN 1880

D402

- Ändplanfräser
- Otsatasojyrsimet
- Endeplanfresere
- Endeplansfræsere

D422

D402	■	1.1	1.2	1.3	1.4	2.1	2.3	3.1	3.2	3.3	3.4	4.1	5.1	6.1	6.2	6.3	7.2	7.3			
	■	1.5	1.6	2.2	4.2	4.3	5.2	5.3	6.4	7.1	7.4	8.1	8.2	8.3	10.1						
D422	■	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1
	■	6.2	6.3	6.4	7.2	7.3	7.4	8.1	10.1												
	■	7.1	8.2	8.3																	



d ₁ Ø mm	B mm	d ₂ Ø mm	z	D402	D422
40.00	32	16	6	D40240.0	D42240.0
50.00	36	22	6	D40250.0	D42250.0
63.00	40	27	8	D40263.0	D42263.0
80.00	45	27	8	D40280.0	D42280.0
100.00	50	32	10	D402100.0	D422100.0