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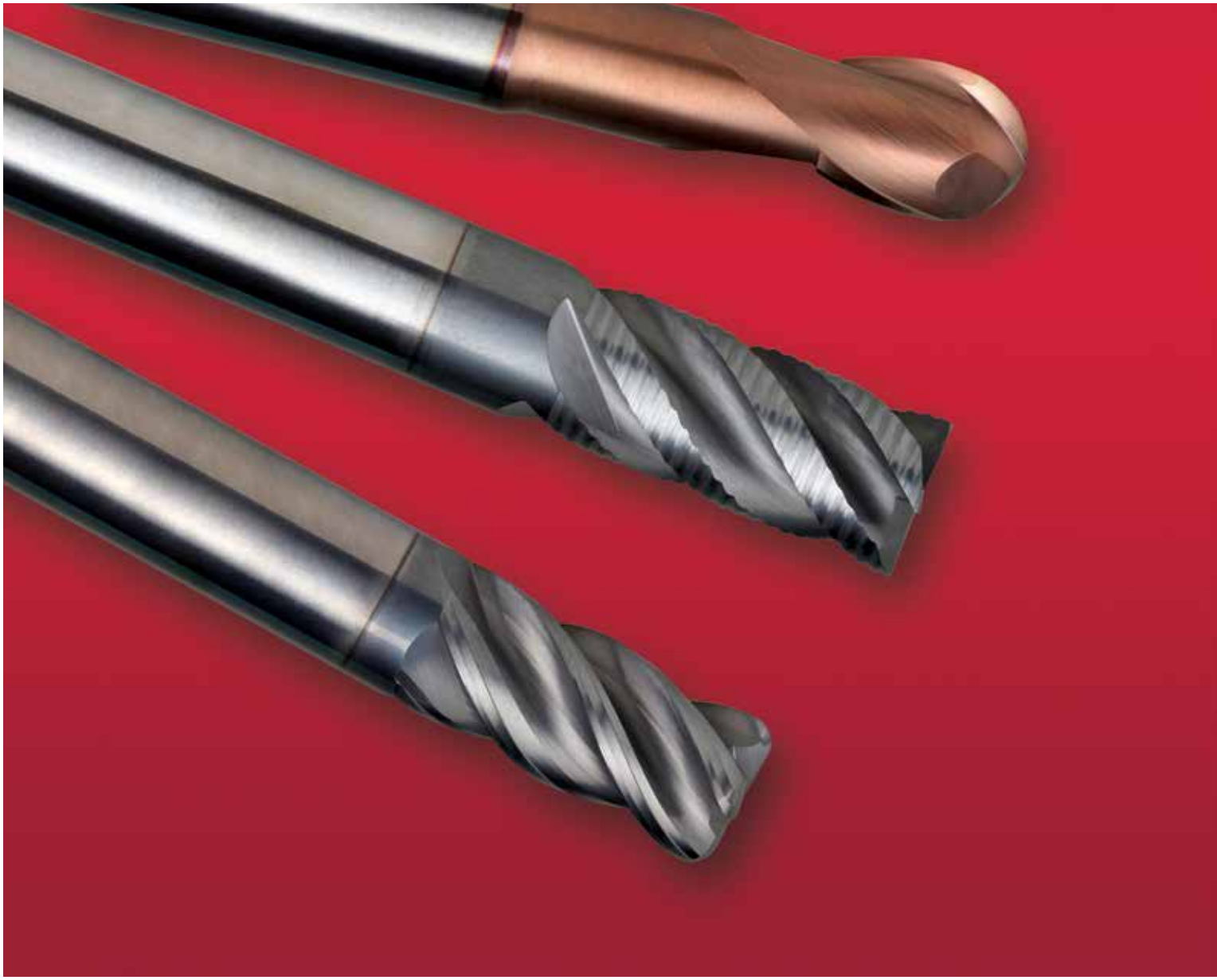
Solid Carbide Milling Cutters

Range additions November 2014



	Anyag	Material	Material	Material
	Alkalmazás	Aplicatie	Aplikacija	Application
	Típus	Tip gaura	Tip	Type
	Élek száma	Nr.dinti (z)	zobje	teeth (z)
	Vágóhossz	Lungime tais	Dolžina rezila	Cut length
	Spirálszög/Homlokszög	Unghiul spirei/ Unghi de degajare	Kot vijačnice/ Cepilni kot	Helix angle/ Rake angle
	Szár	Coada	Steblo	Shank
	Bevonat	Acoperire	Prevleka	Coating
	Tűrés	Toleranta	Toleranca	Tolerance
	Irány	Direcție	Smer	Direction
	Szabvány	Standard	Standard	Standard
■	Kiváló alkalmazás	Excelent pentru aplicație	Odlično za uporabo	Excellent for Application
●	Jó alkalmazás	Bun pentru aplicație	Dobro za uporabo	Good for Application
	Példa 10 = Kerületi sebesség méter / perc +/- 10%	Exemplu 10 = viteza de aşchiere în metrii pe minut +/- 10%	Primer: 10 = rezalna hitrost m/min +/- 10%	Example 10 = Peripheral speed in metres/minute +/- 10%
	Kódok	Coduri	Kode	Product Codes
	Választék	Gama	Območje	Range

AMG	Magyar	Romana	slovenščina	English
1.1	Lágy mágneses acél	Otel magnetic moale	Magnetno mehko jeklo	Magnetic soft steel
1.2	Szerkezeti acél	Otel structural, de cementare	Konstrukcijsko jeklo	Structural steel, case carburizing steel
1.3	Szénacél	Otel carbon	Ogljikovo jeklo	Plain Carbon steel
1.4	Ötvözött acél	Otel aliat	Legirano jeklo	Alloy steel
1.5	Ötvözött, edzett & hőkezelt acél	Otel aliat, imbunatatit	Legirano/kaljeno jeklo	Alloy steel, Hardened and tempered steel
1.6	Ötvözött, edzett & hőkezelt acél	Otel aliat, imbunatatit	Legirano/kaljeno jeklo	Alloy steel, Hardened and tempered steel
1.7	Ötvözött, edzett acél	Otel aliat, calit	Legirano jeklo kaljeno	Alloy steel, Heat treated
1.8	Ötvözött, edzett acél	Otel aliat, calit	Legirano jeklo kaljeno	Alloy steel, Hardened & Wear resistant steel
2.1	Rozsdamentes acél	Prelucrare libera	Prosto obdelano nerjavno jeklo	Free machining, Stainless Steel
2.2	Ausztenites	Austenitic	Avstenitno jeklo	Austenitic
2.3	Ferrites + Ausztenites	Feritic+austenitic	Feritno, avstenitno, martenzitno jeklo	Ferritic + Austenitic, Ferritic, Martensitic
2.4	Nemesített	Durificat prin precipitare	INOX - kaljen	Precipitation Hardened
3.1	Szürkeöntvény	Grafit lamelar	Siva litina, lamelarni grafit	Lamellar graphite
3.2	Szürkeöntvény	Grafit lamelar	Siva litina, legirana	Lamellar graphite
3.3	Gömbgrafitos öntvény	Grafit nodular	Nodularna litina/ temprana litina	Nodular graphite, Malleable Cast Iron
3.4	Gömbgrafitos öntvény	Grafit nodular	Nodularna, temprana litina	Nodular graphite, Malleable Cast Iron
4.1	Ötvözetlen	Nealiat	Titan, nelegiran	Titanium, unalloyed
4.2	Ötvözött	Aliat	Titanove zlitine	Titanium, alloyed
4.3	Ötvözött	Aliat	Titanove zlitine	Titanium, alloyed
5.1	Ötvözetlen	Nealiat	Nikelj, nelegiran	Nickel, unalloyed
5.2	Ötvözött	Aliat	Nikeljeve zlitine	Nickel, alloyed
5.3	Ötvözött	Aliat	Nikeljeve zlitine	Nickel, alloyed
6.1	Ötvözetlen	Nealiat	Baker	Copper
6.2	ß - Sárgaréz , Bronz	Alama, bronz	Medenina, bron	β-Brass, Bronze
6.3	CuZn Sárgaréz	Alama CuZn	Medenina	α-Brass
6.4	Nagy szilárdságú bronz	Bronz inalta rezistenta	Bron litine	High Strength Bronze
7.1	Al, Mg, ötvözetlen	Al, Mg nealiat	Al, Mg nelegiran	Al, Mg, unalloyed
7.2	Al ötvözött,Si < 0.5%	Al aliat cu Si <0.5%	Al legiran, Si < 0.5%	Al alloyed, Si < 0.5%
7.3	Al ötvözött,Si > 0.5% < 10%	Al aliat cu Si >0.5% <10%	Al legiran, Si>0.5%<10%	Al alloyed, Si > 0.5% < 10%
7.4	Al ötvözött,Si > 10%	Al aliat cu Si >10%	Al legiran, Si>10%	Al alloyed, Si > 10% Whisker reinforced Al-alloys Mg-alloys
8.1	Hőre lágyuló anyagok	Termoplastice	Termoplasti	Thermoplastics
8.2	Hőre keményedő anyagok	Termoreactive	Duroplasti	Thermosetting plastics
8.3	Erősített műanyag	Plastic armat	Bakelit	Reinforced plastic materials
9.1	Kemény anyagok (fém kerámia)	Cermet (metal ceramica)	Cermet	Cermets (metals-ceramics)
10.1	Standard grafit	Grafit standard	Standardni grafit	Graphite

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	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
	N	N	N	W	W	W	W	N	N	N	N	N	N	N
	Z 2	Z 3	Z 3	Z 1	Z 2	Z 2	Z 2	Z 4	Z 4	Z 4	Z 4	Z 4	Z 4	Z 4
	λ40° γ10°	λ40° γ10°	λ40° γ10°	λ25° γ20°	λ30° γ20°	λ30° γ20°	λ30° γ20°	λ40° γ3°	λ40° γ10°	λ40° γ3°	λ40° γ10°	λ40° γ3°	λ40° γ10°	λ40° γ3°
	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA
	AlCrN	AlCrN	AlCrN	Hi	Hi	Hi	Hi	AlTiN	Diamond	AlTiN	AlCrN	AlTiN	AlCrN	AlTiN
	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9
	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER
														
	S710	S714	S715	S637	S638	S610	S611	S219	S612	S216	S717	S217	S718	S218
	1.00 - 20.00	3.00 - 20.00	3.00 - 20.00	2.00 - 12.00	6.20 - 20.30	3.00 - 20.00	6.00 - 20.00	3.00 - 20.00	1.00 - 12.00	2.00 - 20.00	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00
	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW

AMG	8	9	10	11	12	13	14	15	16	17	18	18	19	19	ISO
1.1	■140C	■110C	■70C								■110C		■70C		P 1
1.2	■140C	■110C	■70C								■110C		■70C		P 1
1.3	■130C	■100C	■65C								■100C		■65C		P 2
1.4	■130C	■100C	■65C								■100C		■65C		P 3
1.5	■120C	■95C	■60C								■95C		■60C		P 4
1.6								■90C		■90C		■72C		■45C	H 1
1.7															H 3
1.8															H 4
2.1	■80B	■65B	■40B								■65B		■40B		M 1
2.2	■70B	■55B	■35B								■55B		■35B		M 3
2.3								■70B		■70B		■56B		■35B	M 2
2.4								■50B		■50B		■40B		■25B	S 2
3.1	■170C	■135C	■85C								■135C		■85C		K 1
3.2	■150C	■120C	■75C								■120C		■75C		K 2
3.3	■130C	■100C	■65C								■100C		■65C		K 3
3.4	■120C	■95C	■60C								■95C		■60C		K 4
4.1															S 1
4.2	■70B	■55B	■35B								■55B		■35B		S 2
4.3								■50B		■50B		■40B		■25B	S 3
5.1															S 1
5.2	■70B	■55B	■35B								■55B		■35B		S 2
5.3								■50B		■50B		■40B		■25B	S 3
6.1		■200E		■350E	■400E	■350E	■280E								N 3
6.2		■190E		■300E	■345E	■300E	■240E								N 4
6.3		■175E		■250E	■290E	■250E	■200E								N 3
6.4		■160E		■200E	■230E	■200E	■160E								N 4
7.1		■200E		■600E	■690E	■600E	■480E								N 1
7.2		■190E		■500E	■575E	■500E	■400E								N 1
7.3		■175E		■400E	■460E	■400E	■320E								N 1
7.4		■160E		■350E	■400E	■350E	■280E								N 2
8.1				■800E	■980E	■800E	■640E								O
8.2				■800E	■980E	■800E	■640E								O
8.3															O
9.1															H
10.1									■350A						O

	S761	S260	S766	S225	S525	S226	S526	S227	S527	S765	S264	S524	S521	S523	
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	
	N	N	N	N	N	N	N	N	N	NR	NR	N	N	N	
	Z 4	Z 4	Z 4	Z 6-8	Z 6-8	Z 6-8	Z 6-8	Z 6-8	Z 6-8	Z 4	Z 4	Z 4	Z 4	Z 4	
	λ40° γ10°	λ40° γ4°	λ≠ γ10°	λ50° γ3°	λ50° γ-26°	λ50° γ3°	λ50° γ-26°	λ50° γ3°	λ50° γ-26°	λ40° γ10°	λ40° γ4°	λ40° γ-6°	λ45° γ-10°	λ40° γ-6°	
	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HB	DIN 6535HA	DIN 6535HA	DIN 6535HA	
	AlCrN	AlCrN	TiSiN	AlTiN	TiSiN	AlTiN	TiSiN	AlTiN	TiSiN	AlCrN	AlCrN	TiSiN	TiSiN	TiSiN	
	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	
	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	
	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	6.00 - 20.00	3.00 - 20.00	6.00 - 20.00	6.00 - 20.00	3.00 - 16.00	3.00 - 16.00	1.50 - 16.00	
	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	
AMG	20	20	21	22	22	23	23	24	24	25	26	27	28	29	ISO
1.1	■140D		■140D							■140D					P 1
1.2	■140D		■140D							■140D					P 1
1.3	■130D		■130D							■130D					P 2
1.4	■130D		■130D							■130D					P 3
1.5	■120D		■120D							■120D					P 4
1.6		■110D		■90C		■72C		■45C			■110D				H 1
1.7		■85B			■70A		■56A		■35A		■85B	■56A	■70A	■70A	H 3
1.8					■50A		■40A		■25A			■40A	■50A	■50A	H 4
2.1	■80C		■80C							■80C					M 1
2.2	■70C		■70C							■70C					M 3
2.3		■70C		■70B		■56B		■35B			■70C				M 2
2.4		■50C		■50B		■40B		■25B			■50C				S 2
3.1	■170D		■170D							■170D					K 1
3.2	■150D		■150D							■150D					K 2
3.3	■130D		■130D							■130D					K 3
3.4	■120D		■120D							■120D					K 4
4.1															S 1
4.2	■70C		■70C							■70C					S 2
4.3		■50C		■50B		■40B		■25B			■50C				S 3
5.1															S 1
5.2	■70C		■70C							■70C					S 2
5.3		■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

DORMER

	S763	S262	S767	S536	S229	S231	S233	S529	S531	S533	S534	S535	S629	S739	S740	S741	
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	
	N	N	N	N	N	N	N	N	N	N	N	N	W	N	N	N	
	Z 4 ≠	Z 4 ≠	Z 4 ≠	Z 4	Z 2	Z 2	Z 2	Z 2	Z 2	Z 2	Z 4	Z 4	Z 2	Z 2	Z 2	Z 2	
	λ40° γ10°	λ40° γ4°	λ≠ γ10°	λ25° γ0°	λ30° γ3°	λ30° γ3°	λ30° γ3°	λ30° γ-10°	λ30° γ-10°	λ30° γ-10°	λ30° γ-10°	λ30° γ-10°	λ30° γ15°	λ40° γ10°	λ40° γ10°	λ40° γ10°	
	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	DIN 6535HA	
	AlCrN	AlCrN	TiSiN	TiSiN	TiSiN	TiSiN	TiSiN	TiSiN	TiSiN	TiSiN	TiSiN	TiSiN	Hi	AlTiN	AlTiN	AlTiN	
	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	h9	
	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	DORMER	
	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	3.00 - 16.00	3.00 - 16.00	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00	
	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	
AMG	30	31	33	34	35	36	37	38	39	40	41	42	43	44	44	44	ISO
1.1	■140D		■140D											■140C	■140C	■140C	P 1
1.2	■140D		■140D											■140C	■140C	■140C	P 1
1.3	■130D		■130D											■130C	■130C	■130C	P 2
1.4	■130D		■130D											■130C	■130C	■130C	P 3
1.5	■120D		■120D											■120C	■120C	■120C	P 4
1.6		■110D			■630C	■500C	■315C										H 1
1.7		■85B		■105E				■330A	■260A	■165A	■330A	■260A					H 3
1.8				■75E				■280A	■225A	■140A	■280A	■225A					H 4
2.1	■80C		■80C											■80B	■80B	■80B	M 1
2.2	■70C		■70C											■70B	■70B	■70B	M 3
2.3		■70C			■540B	■430B	■270B										M 2
2.4		■50C			■315B	■250B	■155B										S 2
3.1	■170D		■170D											■170C	■170C	■170C	K 1
3.2	■150D		■150D											■155C	■155C	■155C	K 2
3.3	■130D		■130D											■145C	■145C	■145C	K 3
3.4	■120D		■120D											■130C	■130C	■130C	K 4
4.1																	S 1
4.2	■70C		■70C											■70B	■70B	■70B	S 2
4.3		■50C			■315B	■250B	■155B										S 3
5.1																	S 1
5.2	■70C		■70C											■70B	■70B	■70B	S 2
5.3		■50C			■315B	■250B	■155B										S 3
6.1													■350E	■250E	■250E	■250E	N 3
6.2													■300E	■235E	■235E	■235E	N 4
6.3													■250E	■220E	■220E	■220E	N 3
6.4													■200E	■200E	■200E	■200E	N 4
7.1													■600E	■250E	■250E	■250E	N 1
7.2													■500E	■235E	■235E	■235E	N 1
7.3													■400E	■220E	■220E	■220E	N 1
7.4													■350E	■200E	■200E	■200E	N 2
8.1													■800E				O
8.2													■800E				O
8.3																	O
9.1																	H
10.1																	O

HM

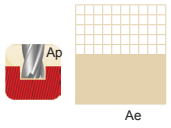
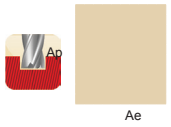
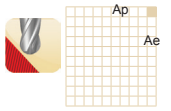
Z 1	Z 2	Z 3	Z 4	Z >4	Ae (x Ø)	Ap (x Ø)	ø [mm] fz [mm/Z] ± 25%	Ø	1	2	3	4	5	6	8	10	12	14	16	18	20
			●	■	0.05	1.5		A	0.012	0.024	0.035	0.045	0.055	0.065	0.080	0.093	0.107	0.121	0.134	0.149	0.162
								B	0.016	0.032	0.047	0.061	0.074	0.087	0.107	0.124	0.143	0.162	0.179	0.198	0.216
								C	0.020	0.040	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
			■	■	0.08	1.5		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
		■	■	●	0.15	1.5		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
		■	■		0.30	1.5		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
			●	■	0.60	1.5		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

■ Kiváló
Excelent
Odlično
Excellent

● Jó
Bun
Dobro
Good

DORMER

HM

Z 1	Z 2	Z 3	Z 4	Z >4		Ae (x Ø)	Ap (x Ø)	ø [mm] fz [mm/Z] ± 25%	Ø	1	2	3	4	5	6	8	10	12	14	16	18	20
■	■	■				1.0	0.5		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
■	■	■				1.0	1.0		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
	■		■			0.10	0.05		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

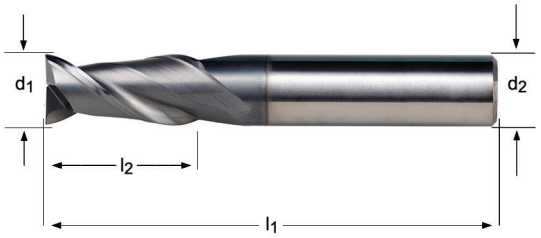
■ Kiváló
Excelent
Odlično
Excellent

● Jó
Bun
Dobro
Good

S710

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

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



d_1 Ø mm	d_2 Øh_6 mm	l_2 mm	l_1 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

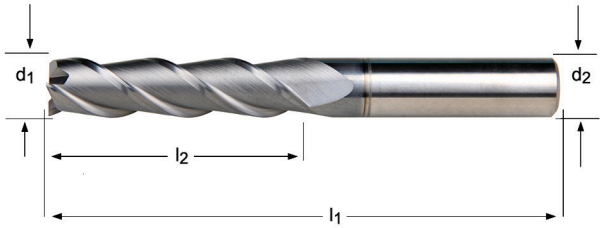
DORMER

S714 HM N Z 3 λ40° γ10° DIN 6535HA AlCrN h9 DORMER

S714

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

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

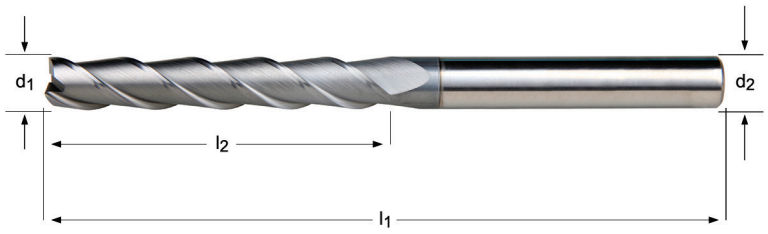
d_1 Ø mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	S714
3.00	3	19	60	3	S7143.0
4.00	4	19	60	3	S7144.0
5.00	5	19	60	3	S7145.0
6.00	6	31	75	3	S7146.0
8.00	8	31	75	3	S7148.0
10.00	10	31	75	3	S71410.0
12.00	12	50	100	3	S71412.0
14.00	14	57	125	3	S71414.0
16.00	16	57	125	3	S71416.0
18.00	18	57	125	3	S71418.0
20.00	20	57	125	3	S71420.0

S715 HM N Z 3 λ40° γ10° DIN 6535HA AlCrN h9 DORMER

S715

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

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 Ø mm	d_2 Øh_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

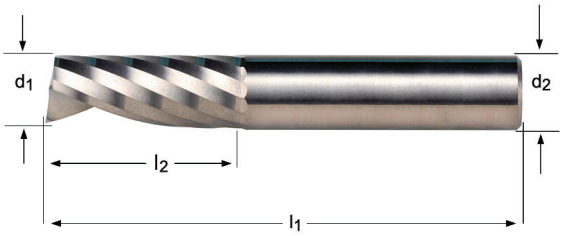
DORMER

S637 HM W Z 1 λ25° γ20° DIN 6535HA Hi h9 DORMER

S637

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

S637 ▪ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2



S637

2.00 - 12.00

d_1 Ø mm	d_2 Øh_6 mm	l_2 mm	l_1 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

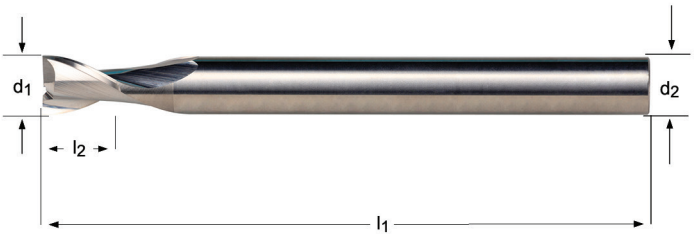
S638 HM W Z 2 λ30° γ20° DIN 6535HA Hi h9 DORMER

S638

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

Csökkentett szár
Coada detalonata
Reduced shank
Reduced shank

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



S638

6.20 - 20.30

d_1 Ø mm	d_2 Øh_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

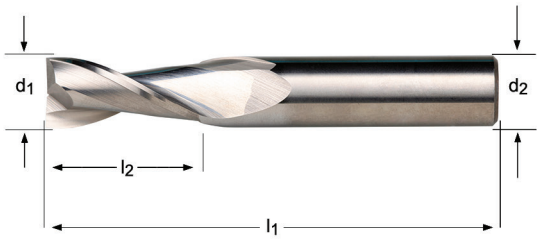
DORMER

S610 HM W Z 2 λ30° γ20° DIN 6535HA Hi h9 DORMER

S610

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

S610 ▪ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2



S610

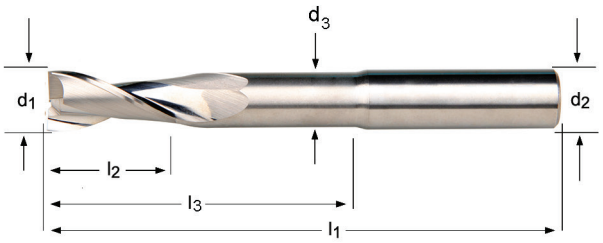
3.00 - 20.00

d_1 Ø mm	d_2 Øh$_6$ mm	l_2 mm	l_1 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

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

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

d_1 Ø mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 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

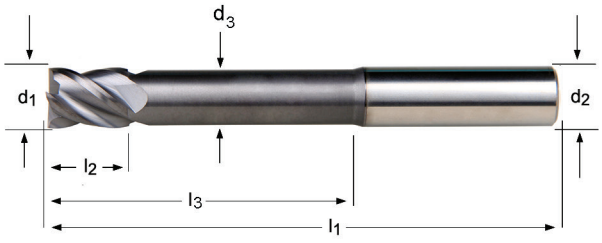
DORMER

S219 | HM | N | Z 4 | λ40° γ3° | DIN 6535HA | AlTiN | h9 | DORMER

S219

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

S219 ▪ **1.6** **2.3** **2.4** **4.3** **5.3**



S219

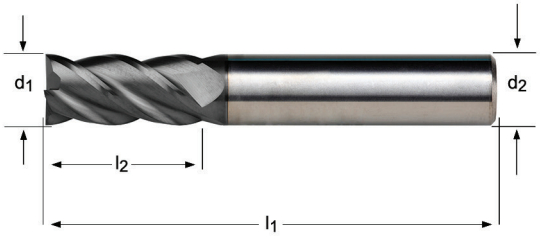
3.00 - 20.00

d_1 Ø mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 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

S612

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

S612 ▪ 10.1



S612

1.00 - 12.00

d_1 Ø mm	d_2 Øh$_6$ mm	l_2 mm	l_1 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

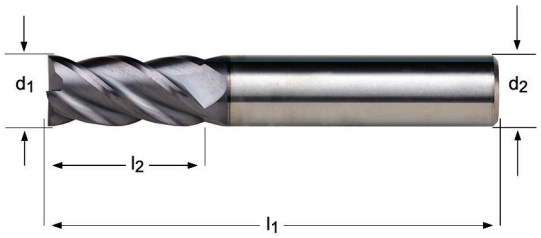
DORMER

S216 HM N Z 4 λ40° γ3° DIN 6535HA AlTiN h9 DORMER

S216

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

S216 ▪ 1.6 2.3 2.4 4.3 5.3



S216

2.00 - 20.00

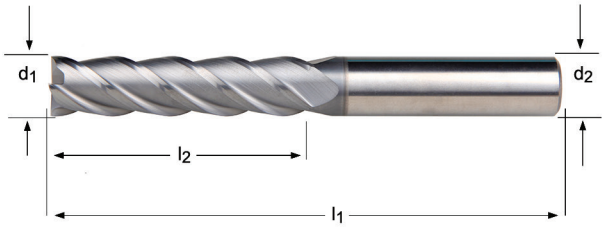
d_1 Ø mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	S216
2.00	4	6.5	40	4	S2162.0
3.00	3	9	40	4	S2163.0XD3
3.00	6	9	50	4	S2163.0XD6
4.00	4	12	50	4	S2164.0XD4
4.00	6	12	50	4	S2164.0XD6
5.00	5	15	50	4	S2165.0
6.00	6	16	50	4	S2166.0
8.00	8	20	64	4	S2168.0
10.00	10	22	70	4	S21610.0
12.00	12	25	75	4	S21612.0
14.00	14	32	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

S717	HM		N	Z 4		λ40° γ10°	DIN 6535HA	AlCrN	h9		DORMER
S217	HM		N	Z 4		λ40° γ3°	DIN 6535HA	AlTiN	h9		DORMER

S717
S217

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

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								



S717	S217
	
3.00 - 20.00	3.00 - 20.00

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

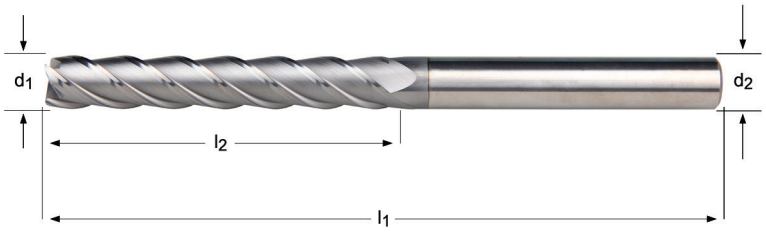
DORMER

S718	HM		N	Z 4		λ40° γ10°	DIN 6535HA	AlCrN	h9		DORMER
S218	HM		N	Z 4		λ40° γ3°	DIN 6535HA	AlTiN	h9		DORMER

S718
S218

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

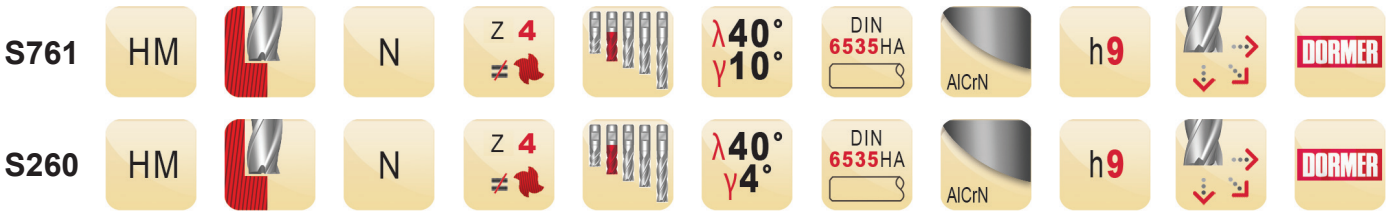
S718	▪	1.1	1.2	1.3	1.4	1.5	2.1	2.2	3.1	3.2	3.3	3.4	4.2	5.2
S218	▪	1.6	2.3	2.4	4.3	5.3								




S718
3.00 - 20.00


S218
3.00 - 20.00

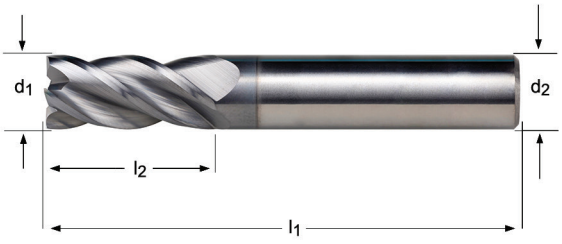
d_1 Ø mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	S718	S218
3.00	3	25	100	4	S7183.0	S2183.0
4.00	4	31	100	4	S7184.0	S2184.0
5.00	5	31	100	4	S7185.0	S2185.0
6.00	6	38	100	4	S7186.0	S2186.0
8.00	8	41	100	4	S7188.0	S2188.0
10.00	10	57	125	4	S71810.0	S21810.0
12.00	12	75	150	4	S71812.0	S21812.0
14.00	14	75	150	4	S71814.0	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
S260

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

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 Øh_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

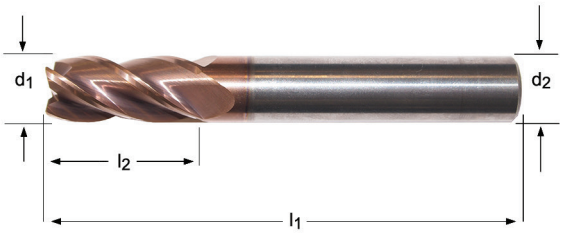
DORMER

S766 HM N Z 4 ≠ λ≠ γ10° DIN 6535HA TiSiN h9 DORMER

S766

- Ujjmaró
- Freze cilindrice
- rezkar
- End Mill

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

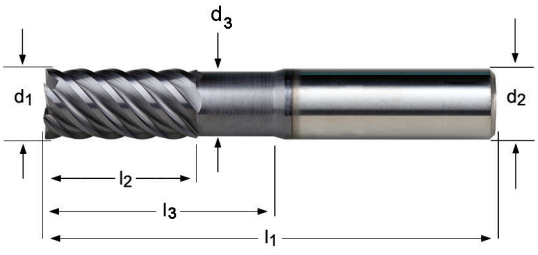
d_1 Ø mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	S766
4.00	6	11	57	4	S7664.0
5.00	6	13	57	4	S7665.0
6.00	6	13	57	4	S7666.0
8.00	8	20	64	4	S7668.0
10.00	10	22	72	4	S76610.0
12.00	12	26	83	4	S76612.0
14.00	14	26	83	4	S76614.0
16.00	16	32	92	4	S76616.0
20.00	20	38	104	4	S76620.0

S225	HM		N	Z 6-8		λ50° γ3°	DIN 6535HA 	 AlTiN	h9		DORMER
S525	HM		N	Z 6-8		λ50° γ-26°	DIN 6535HA 	 TiSiN	h9		DORMER

S225
S525

- Simító maró
- Freza finisare
- Rezkar
- Finishing End Mill

S225	▪	1.6	2.3	2.4	4.3	5.3
S525	▪	1.7	1.8			



S225	S525
	
3.00 - 20.00	3.00 - 20.00

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

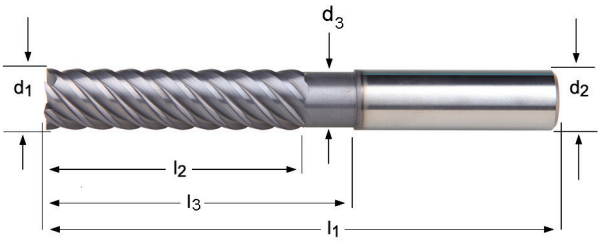
DORMER

S226	HM		N	Z 6-8		λ50° γ3°	DIN 6535HA	AlTiN	h9		DORMER
S526	HM		N	Z 6-8		λ50° γ-26°	DIN 6535HA	TiSiN	h9		DORMER

S226
S526

- Simító maró
- Freza finisare
- Rezkar
- Finishing End Mill

S226	▪	1.6	2.3	2.4	4.3	5.3
S526	▪	1.7	1.8			



S226	S526
	
3.00 - 20.00	3.00 - 20.00

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

DORMER

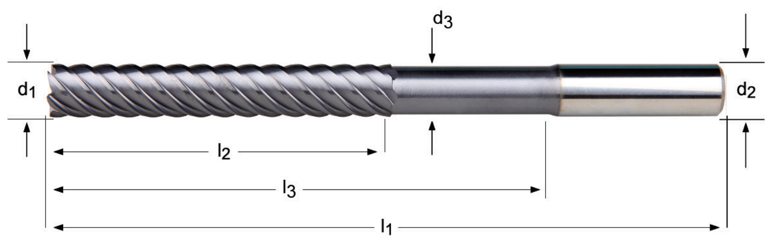
S227 

S527 

S227
S527

- Simító maró
- Freza finisare
- Rezkar
- Finishing End Mill

S227	■	1.6	2.3	2.4	4.3	5.3
S527	■	1.7	1.8			



S227	S527
	
6.00 - 20.00	3.00 - 20.00

d_1 Ø mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 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

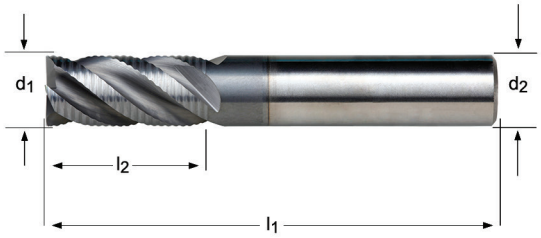
DORMER

S765 HM NR Z 4 λ40° γ10° DIN 6535HA AlCrN h9 DORMER

S765

- Nagyoló Ujjmaró
- Freze cilindro-frontale pentru degrosare
- rezkar grobi
- Roughing End Mill

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

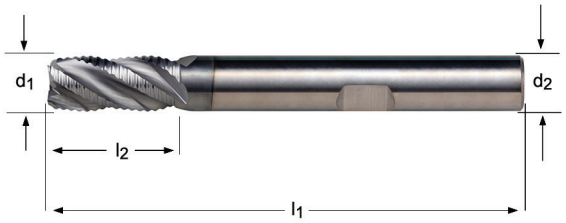
d_1 Ø mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	S765
6.00	6	16	50	4	S7656.0
8.00	8	20	64	4	S7658.0
10.00	10	22	70	4	S76510.0
12.00	12	26	75	4	S76512.0
14.00	14	32	90	4	S76514.0
16.00	16	32	90	4	S76516.0
18.00	18	38	100	4	S76518.0
20.00	20	38	100	4	S76520.0

S264 HM NR Z 4 λ40° γ4° DIN 6535HB AlCrN h9 DORMER

S264

- Nagyoló Ujjmaró
- Freze cilindro-frontale pentru degrosare
- rezkar grobi
- Roughing End Mill

S264 ▪ **1.6** **1.7** **2.3** **2.4** **4.3** **5.3**



S264

6.00 - 20.00

d_1 Ø mm	d_2 Øh_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

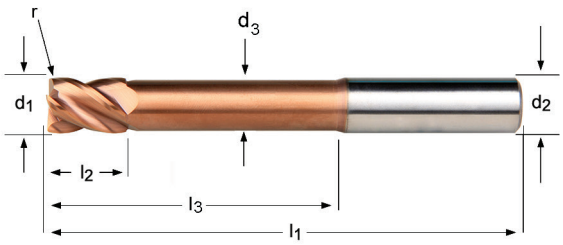
DORMER

S524 HM N Z 4 λ40° γ-6° DIN 6535HA TiSiN h9 DORMER

S524

- Ujjmaró rádiusszal
- Freze cilindro-frontala cu raza
- rezkar, s kotnim radijem
- Corner Radius End Mill

S524 ▪ 1.7 1.8

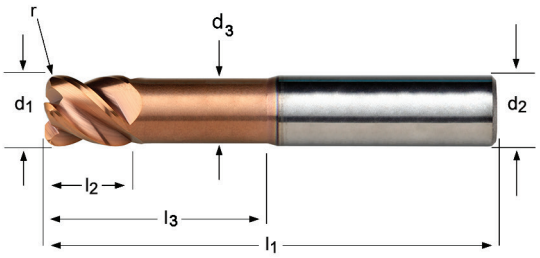


d_1 Ø mm	r ±0.01 mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S524
3.00	0.30	6	5	75	4	30.0	2.8	S5243.0XR0.3
4.00	0.30	6	8	75	4	32.0	3.7	S5244.0XR0.3
4.00	0.50	6	8	75	4	32.0	3.7	S5244.0XR0.5
5.00	0.30	6	9	75	4	32.0	4.6	S5245.0XR0.3
5.00	0.50	6	9	75	4	32.0	4.6	S5245.0XR0.5
6.00	0.30	6	10	75	4	40.0	5.5	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

- Ujjmaró rádiusszal
- Freze cilindro-frontala cu raza
- rezkar, s kotnim radijem
- Corner Radius End Mill

S521 ▪ 1.7 1.8



d_1 Ø mm	r ±0.01 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S521
3.00	0.30	6	4	60	4	14.0	2.8	S5213.0XR0.3
4.00	0.30	6	5	60	4	16.0	3.7	S5214.0XR0.3
4.00	0.50	6	5	60	4	16.0	3.7	S5214.0XR0.5
5.00	0.30	6	6	60	4	18.0	4.6	S5215.0XR0.3
5.00	0.50	6	6	60	4	18.0	4.6	S5215.0XR0.5
6.00	0.50	6	7	60	4	20.0	5.5	S5216.0XR0.5
6.00	1.00	6	7	60	4	20.0	5.5	S5216.0XR1.0
8.00	0.50	8	9	64	4	26.0	7.4	S5218.0XR0.5
8.00	1.00	8	9	64	4	26.0	7.4	S5218.0XR1.0
10.00	1.00	10	11	70	4	31.0	9.2	S52110.0XR1.0
10.00	2.00	10	11	70	4	31.0	9.2	S52110.0XR2.0
12.00	1.00	12	13	75	4	37.0	11.0	S52112.0XR1.0
12.00	2.00	12	13	75	4	37.0	11.0	S52112.0XR2.0
16.00	1.00	16	17	90	4	43.0	15.0	S52116.0XR1.0
16.00	2.00	16	17	90	4	43.0	15.0	S52116.0XR2.0
16.00	3.00	16	17	90	4	43.0	15.0	S52116.0XR3.0

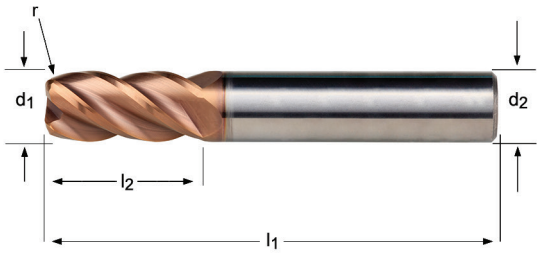
DORMER

S523 | HM | N | Z 4 | λ40° γ-6° | DIN 6535HA | TiSiN | h9 | DORMER

S523

- Ujjmaró rádiusszal
- Freze cilindro-frontala cu raza
- rezkar, s kotnim radijem
- Corner Radius End Mill

S523 ▪ **1.7** **1.8**



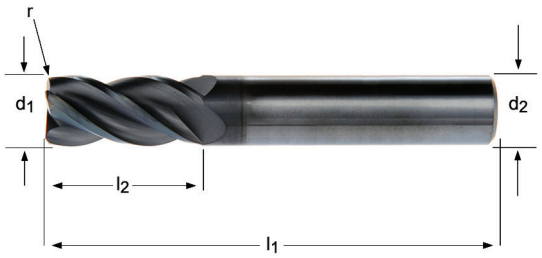
d_1 Ø mm	r ±0.01 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	S523
1.50	0.20	6	4.5	50	4	S5231.5XR0.2
2.00	0.20	6	6.5	50	4	S5232.0XR0.2
3.00	0.20	3	9	40	4	S5233.0XR0.2XD3
3.00	0.30	3	9	40	4	S5233.0XR0.3XD3
3.00	0.20	6	9	50	4	S5233.0XR0.2XD6
3.00	0.30	6	9	50	4	S5233.0XR0.3XD6
3.00	0.50	6	9	50	4	S5233.0XR0.5XD6
4.00	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 HM N Z 4 λ40° γ10° DIN 6535HA AlCrN h9 DORMER

S763

- Ujjmaró rádiusszal
- Freze cilindro-frontala cu raza
- rezkar, s kotnim radijem
- Corner Radius End Mill

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

d_1 Ø mm	r ±0.01 mm	d_2 Øh_6 mm	l_2 mm	l_1 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

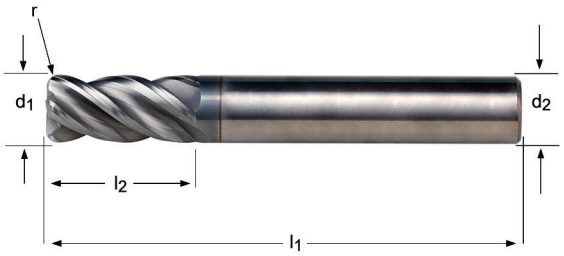
DORMER

S262 HM N Z 4 λ40° γ4° DIN 6535HA AlCrN h9 DORMER

S262

- Ujjmaró rádiusszal
- Freze cilindro-frontala cu raza
- rezkar, s kotnim radijem
- Corner Radius End Mill

S262 ▪ 1.6 1.7 2.3 2.4 4.3 5.3



S262

3.00 - 20.00

d_1 Ø mm	r ±0.01 mm	d_2 Øh$_6$ 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

d_1 Ø mm	r ±0.01 mm	d_2 Øh_6 mm	l_2 mm	l_1 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

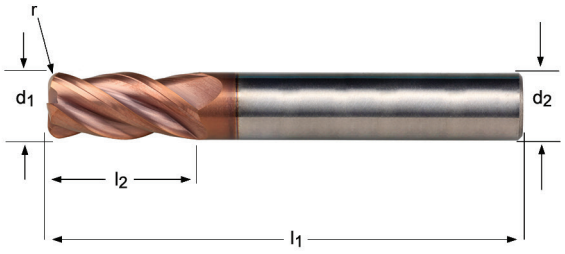
DORMER

S767 HM N Z 4 ≠ λ≠ γ10° DIN 6535HA TiSiN h9 DORMER

S767

- Ujjmaró rádiusszal
- Freze cilindro-frontala cu raza
- rezkar, s kotnim radijem
- Corner Radius End Mill

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

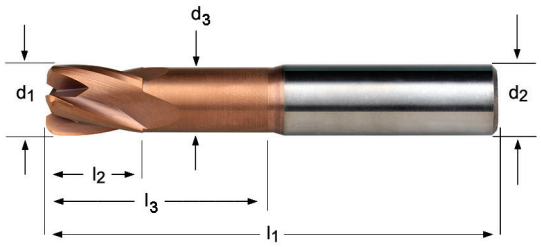
d_1 Ø mm	r ±0.01 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	S767
4.00	0.30	6	11	57	4	S7674.0XR0.3
4.00	0.50	6	11	57	4	S7674.0XR0.5
5.00	0.30	6	13	57	4	S7675.0XR0.3
5.00	0.50	6	13	57	4	S7675.0XR0.5
6.00	0.30	6	13	57	4	S7676.0XR0.3
6.00	0.50	6	13	57	4	S7676.0XR0.5
6.00	1.00	6	13	57	4	S7676.0XR1.0
8.00	0.30	8	20	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

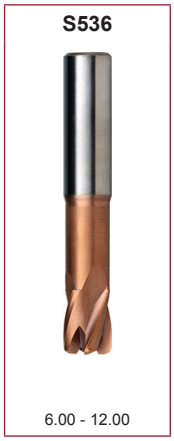
S536 HM N Z 4 λ25° γ0° DIN 6535HA TiSiN h9 DORMER

S536

- Nagy előtolású maró
- Freza pentru avans rapid
- Rezkar za visoke pomike
- High Feed End Mill

S536 ▪ **1.7** **1.8**





d_1 Ø mm	r ±0.01 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S536
6.00	1.00	6	6	60	4	20.0	5.5	S5366.0XR1.0
8.00	2.00	8	8	64	4	24.0	7.4	S5368.0XR2.0
10.00	2.00	10	10	70	4	30.0	9.2	S53610.0XR2.0
12.00	2.00	12	12	75	4	30.0	11.0	S53612.0XR2.0

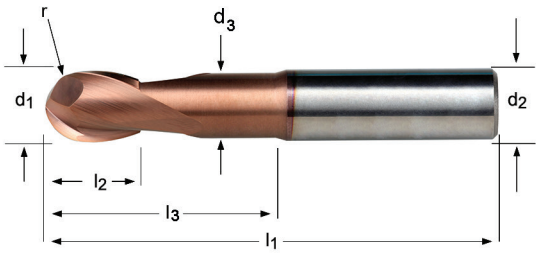
DORMER

S229 HM N Z 2 λ30° γ3° DIN 6535HA TiSiN h9 DORMER

S229

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S229 ▪ 1.6 2.3 2.4 4.3 5.3



S229

1.50 - 16.00

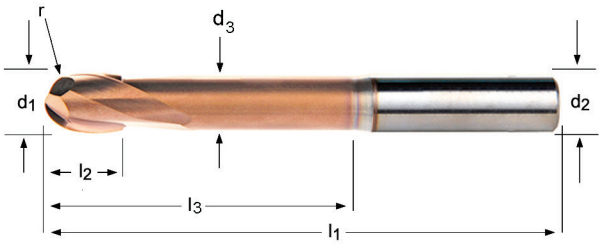
d_1 Ø mm	r +0/-0.02 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S229
1.50	0.75	4	3	40	2	6.0	1.4	S2291.5XD4
2.00	1.00	3	4	40	2	8.0	1.9	S2292.0XD3
2.00	1.00	4	4	40	2	8.0	1.9	S2292.0XD4
3.00	1.50	3	5	40	2	14.0	2.8	S2293.0XD3
3.00	1.50	6	5	50	2	14.0	2.8	S2293.0XD6
4.00	2.00	4	8	50	2	20.0	3.7	S2294.0XD4
4.00	2.00	6	8	50	2	20.0	3.7	S2294.0XD6
5.00	2.50	5	9	50	2	20.0	4.6	S2295.0XD5
5.00	2.50	6	9	50	2	20.0	4.6	S2295.0XD6
6.00	3.00	6	10	50	2	20.0	5.5	S2296.0
8.00	4.00	8	12	64	2	30.0	7.4	S2298.0
10.00	5.00	10	14	70	2	32.0	9.2	S22910.0
12.00	6.00	12	16	75	2	38.0	11.0	S22912.0
14.00	7.00	14	32	90	2	44.0	13.0	S22914.0
16.00	8.00	16	32	90	2	46.0	15.0	S22916.0

S231 HM  N Z 2  λ30° γ3° DIN 6535HA  TiSiN h9  DORMER

S231

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S231 ▪ **1.6** **2.3** **2.4** **4.3** **5.3**



S231

1.50 - 16.00

d_1 Ø mm	r +0/-0.02 mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 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

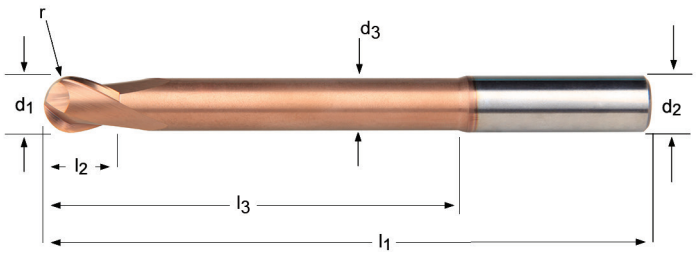
DORMER

S233 HM N Z 2 λ30° γ3° DIN 6535HA TiSiN h9 DORMER

S233

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S233 ▪ 1.6 2.3 2.4 4.3 5.3



S233

2.00 - 16.00

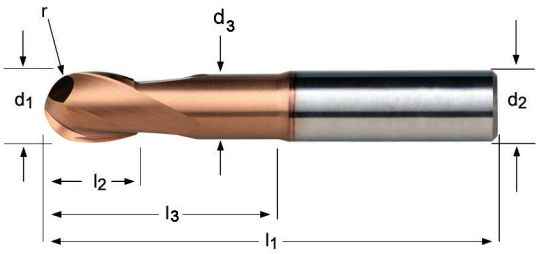
d_1 Ø mm	r +0/-0.02 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S233
2.00	1.00	3	4	100	2	20.0	1.9	S2332.0XD3
2.00	1.00	4	4	100	2	20.0	1.9	S2332.0XD4
3.00	1.50	3	5	100	2	30.0	2.8	S2333.0XD3
3.00	1.50	6	5	100	2	30.0	2.8	S2333.0XD6
4.00	2.00	4	8	100	2	40.0	3.7	S2334.0XD4
4.00	2.00	6	8	100	2	40.0	3.7	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 HM N Z 2 λ30° γ-10° DIN 6535HA TiSiN h9 DORMER

S529

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S529 ▪ **1.7** **1.8**



d_1 Ø mm	r +0/-0.02 mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 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

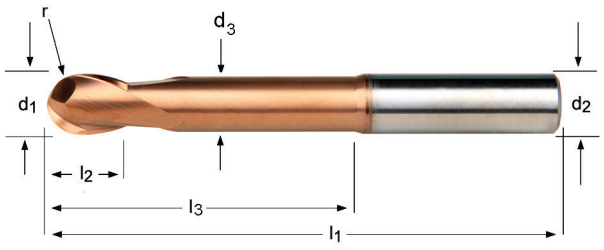
DORMER

S531 HM N Z 2 λ30° γ-10° DIN 6535HA TiSiN h9 DORMER

S531

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S531 ▪ 1.7 1.8



S531

1.50 - 16.00

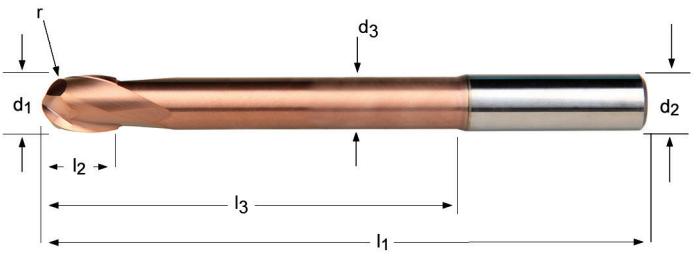
d_1 Ø mm	r +0/-0.02 mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S531
1.50	0.75	6	3	75	2	10.0	1.4	S5311.5
2.00	1.00	4	4	75	2	14.0	1.9	S5312.0XD4
2.00	1.00	6	4	75	2	14.0	1.9	S5312.0XD6
3.00	1.50	3	5	60	2	21.0	2.8	S5313.0XD3
3.00	1.50	6	5	75	2	21.0	2.8	S5313.0XD6
4.00	2.00	4	8	60	2	28.0	3.7	S5314.0XD4
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 HM N Z 2 λ30° γ-10° DIN 6535HA TiSiN h9 DORMER

S533

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S533 ▪ 1.7 1.8



d_1 Ø mm	r +0/-0.02 mm	d_2 Øh_6 mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 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

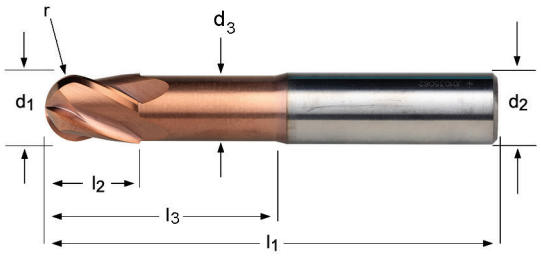
DORMER

S534 HM N Z 4 λ30° γ-10° DIN 6535HA TiSiN h9 DORMER

S534

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S534 ▪ 1.7 1.8



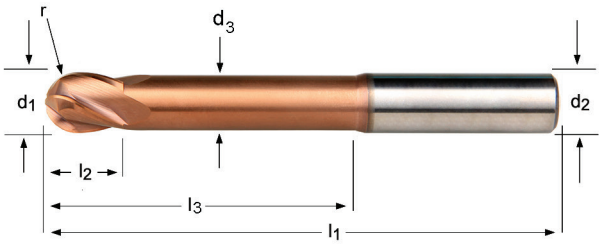
d_1 Ø mm	r +0/-0.02 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S534
3.00	1.50	6	5	50	4	14.0	2.8	S5343.0
4.00	2.00	6	8	50	4	20.0	3.7	S5344.0
5.00	2.50	6	9	50	4	20.0	4.6	S5345.0
6.00	3.00	6	10	50	4	20.0	5.5	S5346.0
8.00	4.00	8	12	64	4	30.0	7.4	S5348.0
10.00	5.00	10	14	70	4	32.0	9.2	S53410.0
12.00	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 HM N Z 4 λ30° γ-10° DIN 6535HA TiSiN h9 DORMER

S535

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

S535 ▪ 1.7 1.8



S535

3.00 - 16.00

d_1 Ø mm	r +0/-0.02 mm	d_2 Øh$_6$ mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	S535
3.00	1.50	6	5	75	4	21.0	2.8	S5353.0
4.00	2.00	6	8	75	4	28.0	3.7	S5354.0
5.00	2.50	6	9	75	4	32.0	4.6	S5355.0
6.00	3.00	6	10	75	4	40.0	5.5	S5356.0
8.00	4.00	8	12	75	4	40.0	7.4	S5358.0
10.00	5.00	10	14	75	4	40.0	9.2	S53510.0
12.00	6.00	12	16	100	4	60.0	11.0	S53512.0
14.00	7.00	14	32	125	4	80.0	13.0	S53514.0
16.00	8.00	16	32	125	4	80.0	15.0	S53516.0

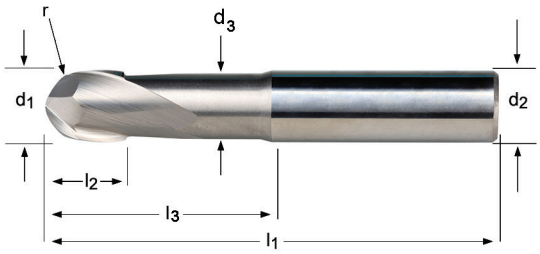
DORMER

S629 HM W Z 2 λ30° γ15° DIN 6535HA Hi h9 DORMER

S629

- Gömbvégű Ujjmaró
- Freze cu cap sferic
- rezkar krogelni
- Ball-Nosed End Mill

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

d_1 Ø	r +0/-0.02	d_2 Ø	l_2	l_1		l_3	d_3 Ø	S629
mm	mm	mm	mm	mm	z	mm	mm	
3.00	1.50	6	5	57	2	20.0	2.8	S6293.0
4.00	2.00	6	6	57	2	20.0	3.7	S6294.0
5.00	2.50	6	7	57	2	20.0	4.6	S6295.0
6.00	3.00	6	8	57	2	20.0	5.5	S6296.0
8.00	4.00	8	10	64	2	25.0	7.4	S6298.0
10.00	5.00	10	12	75	2	35.0	9.2	S62910.0
12.00	6.00	12	14	75	2	35.0	11.0	S62912.0
16.00	8.00	16	18	90	2	45.0	15.0	S62916.0
20.00	10.00	20	22	100	2	50.0	19.0	S62920.0

S739	HM		N	Z 2		λ40° γ10°	DIN 6535HA	AlTiN	h9		DORMER
S740	HM		N	Z 2		λ40° γ10°	DIN 6535HA	AlTiN	h9		DORMER
S741	HM		N	Z 2		λ40° γ10°	DIN 6535HA	AlTiN	h9		DORMER

S739

- Letörő maró - 60°
- Freza sanfrenare - 60°
- Rezkar središčni - 60°
- Chamfering End Mill - 60°

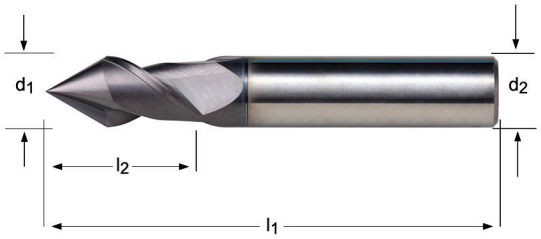
S740

- Letörő maró - 90°
- Freza sanfrenare - 90°
- Rezkar središčni - 90°
- Chamfering End Mill - 90°

S741

- Letörő maró - 120°
- Freza sanfrenare - 120°
- Rezkar središčni - 120°
- Chamfering End Mill - 120°

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 Ø mm	d_2 Øh$_6$ 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