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Dimension	Ø6	Ø8	Ø10	Ø12	Ø16	Ø20				
Infeed in mm	ae= 0.05xD	ae= 0.05xD	ae= 0.05xD	ae= 0.05xD	ae= 0.05xD	ae= 0.05xD				
Application	ap= L2 max	ap= L2 max	ap= L2 max	ap= L2 max	ap= L2 max	ap= L2 max				

Material	Strength (N/mm ²)	Feed (mm/Z)	Vc (m/min)						
			fz	fz	fz	fz	fz	fz	fz
N			Vc (m/min)						
1.1	Aluminium, alloyed	<500	380	0.03	0.032	0.034	0.036	0.038	0.04
1.2	Aluminium, alloyed	<600	360	0.03	0.032	0.034	0.036	0.038	0.04
2.1-2.3	Aluminium, casted	<600	320	0.025	0.027	0.029	0.031	0.033	0.035
3.1-3.3	Cooper, alloyed	<650	160	0.02	0.022	0.024	0.026	0.028	0.03
4.1	Magnesium, alloyed	<250	350	0.03	0.032	0.034	0.036	0.038	0.04
5.1	Thermoplastic	<100	300	0.025	0.027	0.029	0.031	0.033	0.035
5.2	Duroplastic	<150	260	0.02	0.022	0.024	0.026	0.028	0.03

NOTE | To achieve high surface quality, use ae=0.2mm for Ø6-10; ae=0.3mm for Ø12-20.

STILL CAN'T FIND A SUITABLE MILLING CUTTER?

No problem - simply customize an existing tool. Using our configurator for special milling cutters, you can customize existing tools to your needs in an instant or create your own tools based on predefined types.



WE WILL RESPOND TO ALL REQUESTS SUBMITTED VIA THE CONFIGURATOR WITHIN ONE WORKING DAY AT THE LATEST

Cooling

Tolerance h6

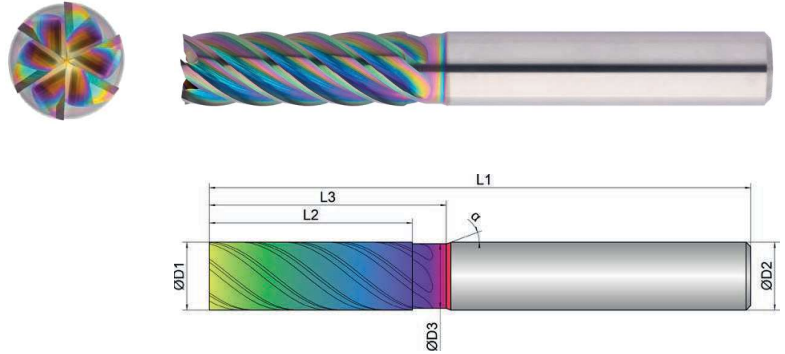
Coating AlphaSlide Rainbow

Strategy **HPC**

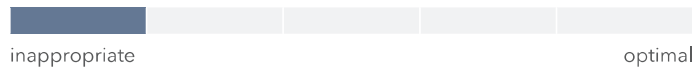
Application

Features **HA** **≠** **3xD**

- Ultra-sharp and lapped cutting edges
 - Special chip chambers designed for the evacuation of extra long and fine chips
 - Face-Finish-bevel for smooth workpiece surfaces
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- For excellent surfaces and maximum dimensional accuracy
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- 6 cutting edges for highest feed rates



Roughing



Finishing



	D1	D3	L2	L3	L1	D2	z	α	
EXN1-M04-0033									
	mm ∅	mm ∅	mm	mm	mm	mm ∅	#	°	°
6	6.0	5.8	18.0	25.0	65.0	6.0	6	39	20
8	8.0	7.8	24.0	30.0	70.0	8.0	6	39	20
10	10.0	9.5	30.0	35.0	80.0	10.0	6	39	20
12	12.0	11.5	36.0	45.0	93.0	12.0	6	39	20
16	16.0	15.5	48.0	55.0	110.0	16.0	6	39	20
20	20.0	19.5	60.0	70.0	125.0	20.0	6	39	20