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Dimension	Ø0.5	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12
Infeed in mm	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD	ae=0.05xD ap=0.05xD
Application										

Material	Strength (N/mm ²)	Feed (mm/Z)	Vc (m/min)	fz									
				Ø0.5	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12
N													
1.1	Aluminium, alloyed	<500	650	0.01	0.015	0.02	0.025	0.03	0.05	0.06	0.07	0.08	0.09
1.2	Aluminium, alloyed	<600	620	0.01	0.015	0.02	0.025	0.03	0.05	0.06	0.07	0.08	0.09
2.1-2.3	Aluminium, casted	<600	550	0.008	0.012	0.018	0.022	0.026	0.045	0.055	0.065	0.075	0.08
3.1-3.3	Cooper, alloyed	<650	280	0.006	0.008	0.015	0.018	0.022	0.04	0.05	0.06	0.07	0.07
4.1	Magnesium, alloyed	<250	650	0.01	0.015	0.02	0.025	0.03	0.05	0.06	0.07	0.08	0.09
5.1	Thermoplastic	<100	500	0.008	0.012	0.018	0.022	0.026	0.045	0.055	0.065	0.075	0.08
5.2	Duroplastic	<150	400	0.006	0.008	0.015	0.018	0.022	0.04	0.05	0.06	0.07	0.07

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	f8
Coating	AlphaSlide Rainbow

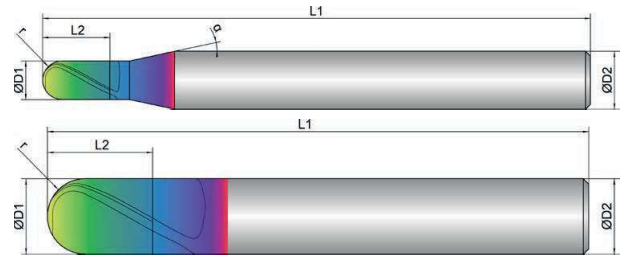
Strategy	HSC
Application	
Features	HA



- Optimized face geometry for excellent surfaces
- Defined microbevel for support and stabilization
- Special chip chambers designed for optimal chip evacuation

- For use in HSC milling
- For roughing and finishing

- Radius tolerance $r \leq 2 \text{ mm}$: $\pm 0.003 \text{ mm}$
- Radius tolerance $r > 2 \text{ mm}$: $\pm 0.005 \text{ mm}$



Roughing



Finishing



EXN1-M08-0003	D1 mm ∅	L2 mm	L1 mm	D2 mm ∅	z #	r mm	α °
0,5	0.5	1.0	55.0	6.0	2	0.25	45
1	1.0	2.0	55.0	6.0	2	0.50	45
2	2.0	4.0	55.0	6.0	2	1.00	45
3	3.0	6.0	55.0	6.0	2	1.50	45
4	4.0	7.0	55.0	6.0	2	2.00	45
5	5.0	8.0	55.0	6.0	2	2.50	45
6	6.0	10.0	55.0	6.0	2	3.00	45
8	8.0	12.0	63.0	8.0	2	4.00	45
10	10.0	14.0	72.0	10.0	2	5.00	45
12	12.0	16.0	74.0	12.0	2	6.00	45