

Cooling	   
Tolerance	f8
Coating	AlphaSlide Rainbow

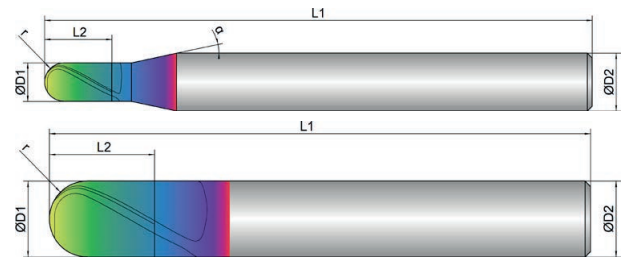
Strategy	HSC
Application	  
Features	HA 



- 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 $r > 2 \text{ mm}$: $\pm 0.005 \text{ mm}$

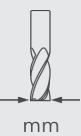
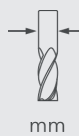


Roughing



Finishing



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



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 Download Catalog Pages (PDF)			Dimension	Ø 0.5	Ø 1	Ø 2	Ø 3	Ø 4	Ø 5	Ø 6	Ø 8	Ø 10	Ø 12
			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/mm²)	Feed (mm/Z)	fz	fz	fz	fz	fz	fz	fz	fz
N	Vc (m/min)												
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

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REQUESTS SUBMITTED VIA THE
CONFIGURATOR WITHIN ONE
WORKING DAY AT THE LATEST