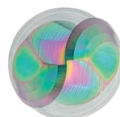


Cooling	   
Tolerance	f8
Coating	AlphaSlide Rainbow

Strategy	HSC
Application	  
Features	HA 

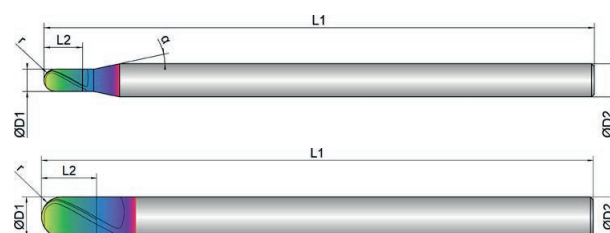


- Optimized face geometry for excellent surfaces
- Defined microbevel for support and stabilization
- Special chip chambers designed for optimal chip evacuation



- Long version for deeper cavities
- For use in HSC milling
- For roughing and finishing

- Radius tolerance $r \leq 2$ mm: ± 0.003 mm
- Radius tolerance $r > 2$ mm: ± 0.005 mm



Roughing



Finishing



EXN1-M08-0013	D1  mm ø	L2  mm	L1  mm	D2  mm ø	z  #	r  mm	 °	α  °
0,5	0.5	1.0	75.0	6.0	2	0.25	45	12
1	1.0	2.0	75.0	6.0	2	0.50	45	12
2	2.0	4.0	75.0	6.0	2	1.00	45	12
3	3.0	6.0	75.0	6.0	2	1.50	45	12
4	4.0	7.0	75.0	6.0	2	2.00	45	12
5	5.0	8.0	100.0	6.0	2	2.50	45	12
6	6.0	10.0	100.0	6.0	2	3.00	45	0
8	8.0	12.0	100.0	8.0	2	4.00	45	0
10	10.0	14.0	100.0	10.0	2	5.00	45	0
12	12.0	16.0	100.0	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/mm ²)	Feed (mm/Z)	fz	fz	fz	fz	fz	fz	fz	fz
N	Vc (m/min)												
1.1	Aluminium, alloyed	<500	550	0.008	0.013	0.018	0.022	0.025	0.045	0.055	0.06	0.07	0.08
1.2	Aluminium, alloyed	<600	525	0.008	0.013	0.018	0.022	0.025	0.045	0.055	0.06	0.07	0.08
2.1-2.3	Aluminium, casted	<600	460	0.006	0.01	0.016	0.019	0.022	0.04	0.05	0.055	0.065	0.07
3.1-3.3	Cooper, alloyed	<650	240	0.005	0.007	0.014	0.016	0.018	0.035	0.045	0.05	0.06	0.06
4.1	Magnesium, alloyed	<250	550	0.008	0.013	0.018	0.022	0.025	0.045	0.055	0.06	0.07	0.08
5.1	Thermoplastic	<100	420	0.006	0.01	0.016	0.019	0.022	0.04	0.05	0.055	0.065	0.07
5.2	Duroplastic	<150	340	0.005	0.007	0.014	0.016	0.018	0.035	0.045	0.05	0.06	0.06