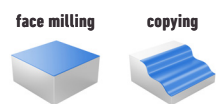
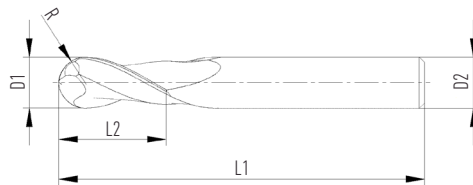


# Ball nose end mill F9300

## UNIVERSAL / 2 FLUTES

- helix angle 30°
- length of flute 2xD
- coating PVD



## Cylindrical shank

Order code	Dimensions (mm)					
	D1	D2	L1	L2	R	Z
F9300.3.V3.38.7.Z2	3	3	38	7	1,5	2
F9300.4.V4.50.8.Z2	4	4	50	8	2	2
F9300.5.V5.50.10.Z2	5	5	50	10	2,5	2
F9300.6.V6.57.10.Z2	6	6	57	10	3	2
F9300.8.V8.63.16.Z2	8	8	63	16	4	2
F9300.10.V10.72.19.Z2	10	10	72	19	5	2
F9300.12.V12.83.22.Z2	12	12	83	22	6	2
F9300.16.V16.92.26.Z2	16	16	92	26	8	2
F9300.20.V20.104.32.Z2	20	20	104	32	10	2

## Recommended cutting conditions

ISO	Strength (N/mm <sup>2</sup> ) Material	Ap (mm)	Ae (mm)	Vc (m/min.)	Feed fz (mm/t)									
					by mill diameter									
					3	4	5	6	8	10	12	16	20	
P	< 800 N/mm <sup>2</sup>	0,02xD	0,06xD	360	0,081	0,139	0,184	0,220	0,178	0,322	0,359	0,416	0,468	
	< 1300 N/mm <sup>2</sup>	0,02xD	0,06xD	225	0,081	0,139	0,184	0,220	0,178	0,322	0,359	0,416	0,407	
M	Stainless steel	0,02xD	0,06xD	75	0,081	0,139	0,184	0,220	0,178	0,322	0,359	0,416	0,420	
K	Grey cast iron < 1000 N/mm <sup>2</sup>	0,02xD	0,06xD	295	0,081	0,139	0,184	0,220	0,178	0,322	0,359	0,416	0,433	
H	High alloyed steel	0,02xD	0,06xD	115	0,081	0,139	0,184	0,220	0,178	0,322	0,359	0,416	0,420	