

Cooling	
Tolerance	e8
Coating	TiN- α

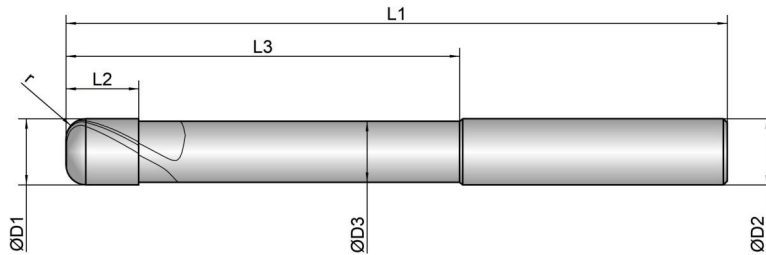
HA HB HSC



HA K202013



HB K202014



Steel			Hardened steel				Stainless steel (VA)	Castings	Non-ferrous materials				Inconel	Abrasive material		Titanium
< 850 N/mm	< 1100 N/mm	< 1400 N/mm	< 55 HRC	< 60 HRC	< 67 HRC	< 70 HRC			Al	Copper	Mg	Plastics		CFRP / GFRP	Graphite	
									320		350					

K202013	K202014	D1	D3	L2	L3	L1	D2	z	r	°
		mm Ø	mm Ø	mm	mm	mm	mm Ø	#	mm	
3/0,3	-	3.0	2.7	4.0	32.0	75.0	3.0	2	0.30	30
4/0,3	-	4.0	3.7	5.0	36.0	75.0	4.0	2	0.30	30
5/0,3	-	5.0	4.6	6.0	40.0	75.0	5.0	2	0.30	30
6/0,3	6/0,3	6.0	5.5	7.0	44.0	80.0	6.0	2	0.30	30
6/1	6/1	6.0	5.5	7.0	44.0	80.0	6.0	2	1.00	30
6/2	6/2	6.0	5.5	7.0	44.0	80.0	6.0	2	2.00	30
8/0,3	8/0,3	8.0	7.4	9.0	54.0	100.0	8.0	2	0.30	30
8/1	8/1	8.0	7.4	9.0	54.0	100.0	8.0	2	1.00	30
8/2	8/2	8.0	7.4	9.0	54.0	100.0	8.0	2	2.00	30
10/0,3	10/0,3	10.0	9.2	11.0	60.0	100.0	10.0	2	0.30	30
10/1,5	10/1,5	10.0	9.2	11.0	60.0	100.0	10.0	2	1.50	30
10/3	10/3	10.0	9.2	11.0	60.0	100.0	10.0	2	3.00	30
12/0,5	12/0,5	12.0	11.0	12.0	75.0	120.0	12.0	2	0.50	30
12/1,5	12/1,5	12.0	11.0	12.0	75.0	120.0	12.0	2	1.50	30
12/4	12/4	12.0	11.0	12.0	75.0	120.0	12.0	2	4.00	30
16/1	16/1	16.0	15.0	16.0	92.0	150.0	16.0	2	1.00	30
16/2	16/2	16.0	15.0	16.0	92.0	150.0	16.0	2	2.00	30
16/5	16/5	16.0	15.0	16.0	92.0	150.0	16.0	2	5.00	30