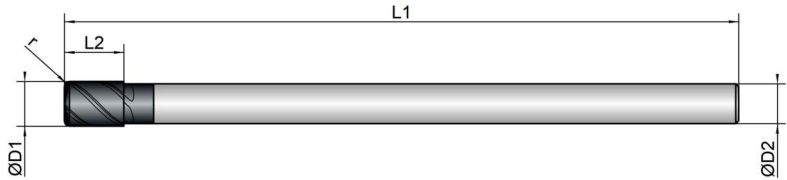


Cooling	
Tolerance	e8
Coating	TiAlN-α



HA K202202



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	
75	55	50	28	23			65	70								

K202202	D1 mm ø	D5 mm ø	L2 mm	L1 mm	D2 mm ø	z #	r mm	 °
7/0,5	7.0	7.2	9.0	121.0	6.0	4	0.50	45
7/1	7.0	7.2	9.0	121.0	6.0	4	1.00	45
7/1,5	7.0	7.2	9.0	121.0	6.0	4	1.50	45
9/0,5	9.0	9.2	12.0	136.0	8.0	4	0.50	45
9/1	9.0	9.2	12.0	136.0	8.0	4	1.00	45
9/1,5	9.0	9.2	12.0	136.0	8.0	4	1.50	45
11/1	11.0	11.2	15.0	150.0	10.0	4	1.00	45
11/1,5	11.0	11.2	15.0	150.0	10.0	4	1.50	45
11/2	11.0	11.2	15.0	150.0	10.0	4	2.00	45
13/1	13.0	13.2	18.0	160.0	12.0	4	1.00	45
13/1,5	13.0	13.2	18.0	160.0	12.0	4	1.50	45
13/2	13.0	13.2	18.0	160.0	12.0	4	2.00	45
15/1	15.0	15.2	21.0	160.0	14.0	4	1.00	45
15/1,5	15.0	15.2	21.0	160.0	14.0	4	1.50	45
15/2	15.0	15.2	21.0	160.0	14.0	4	2.00	45
17/1	17.0	17.2	24.0	180.0	16.0	4	1.00	45
17/1,5	17.0	17.2	24.0	180.0	16.0	4	1.50	45
17/2	17.0	17.2	24.0	180.0	16.0	4	2.00	45
17/3	17.0	17.2	24.0	180.0	16.0	4	3.00	45