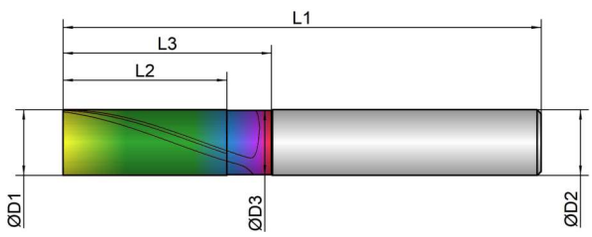
Cooling	
Tolerance	e8
Coating	TAC-α

HA ETC HSC HPC

Expert

HA K201813



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	
									450			425				

K201813	D1 mm ø	D3 mm ø	L2 mm	L3 mm	L1 mm	D2 mm ø	z #	°
1	1.0	0.9	5.0	8.0	50.0	3.0	2	20
2	2.0	1.85	8.0	11.0	50.0	3.0	2	20
3	3.0	2.8	11.0	14.0	50.0	3.0	2	20
4	4.0	3.8	13.0	16.0	54.0	4.0	2	20
5	5.0	4.8	15.0	18.0	54.0	5.0	2	20
6	6.0	5.8	16.0	21.0	65.0	6.0	2	20
8	8.0	7.8	22.0	27.0	70.0	8.0	2	20
10	10.0	9.8	25.0	32.0	73.0	10.0	2	20
12	12.0	11.8	28.0	38.0	84.0	12.0	3	20
14	14.0	13.8	30.0	42.0	84.0	14.0	3	20
16	16.0	15.8	36.0	44.0	93.0	16.0	3	20
20	20.0	19.8	41.0	54.0	104.0	20.0	3	20