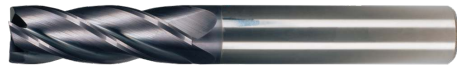


Cooling	
Tolerance	e8
Coating	TiAlN- $\alpha$

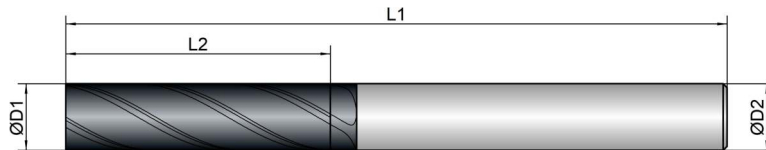
HA	HB	ETC	HPC	MTC	UNI	
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HA K201343



HB K201344



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	
90	75	65					45									30

K201343	K201344	D1  mm ø	L2  mm	L1  mm	D2  mm ø	z  #	 °
3X16	-	3.0	16.0	75.0	3.0	4	30
4X16	-	4.0	16.0	75.0	4.0	4	30
4X20	-	4.0	20.0	100.0	4.0	4	30
5X20	-	5.0	20.0	75.0	5.0	4	30
5X25	-	5.0	25.0	100.0	5.0	4	30
6X24	6X24	6.0	24.0	80.0	6.0	4	30
6X30	6X30	6.0	30.0	100.0	6.0	4	30
8X32	8X32	8.0	32.0	100.0	8.0	4	30
8X40	8X40	8.0	40.0	120.0	8.0	4	30
10X40	10X40	10.0	40.0	100.0	10.0	4	30
10X50	10X50	10.0	50.0	120.0	10.0	4	30
12X48	12X48	12.0	48.0	120.0	12.0	4	30
12X60	12X60	12.0	60.0	150.0	12.0	4	30
14X45	14X45	14.0	45.0	100.0	14.0	4	30
14X56	14X56	14.0	56.0	150.0	14.0	4	30
16X50	16X50	16.0	50.0	125.0	16.0	4	30
16X65	16X65	16.0	65.0	150.0	16.0	4	30
18X55	18X55	18.0	55.0	130.0	18.0	4	30
18X72	18X72	18.0	72.0	150.0	18.0	4	30
20X60	20X60	20.0	60.0	135.0	20.0	4	30
20X80	20X80	20.0	80.0	150.0	20.0	4	30
25X75	25X75	25.0	75.0	150.0	25.0	4	30