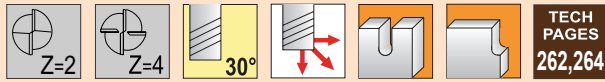


TOLERANCES

d_1	+0.000" - .002" (+.000 - .050mm)
d_2	h6
ball radius	+0.000" - .001" (+.000 - .025mm)

Series 320MT, 330MT



END MILLS

Standard Length - Ball End

TiN Coating

Solid submicron grain carbide end mill - center cutting

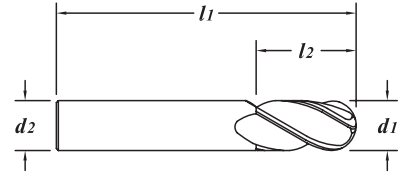
Improved lubricity

Extremely versatile

Uncoated - page 205

TiCN Coating - page 208

TiALN Coating - page 209



(320MT) 2 Flute EDP#	(330MT) 4 Flute EDP#	d_1 †		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
		Decimal	Metric								
16073	18073	.1250	1/8"	3.175	1/8"	1-1/2"	1/2"	12.09	11.56	11.04	10.51
16113	18113	.1875	3/16"	4.763	3/16"	2"	5/8"	15.49	14.82	14.14	13.47
16153	18153	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	20.36	19.47	18.59	17.70
16193	18193	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	26.80	25.63	24.47	23.30
16233	18233	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	31.91	30.53	29.14	27.75
16273	18273	.4375	7/16"	11.113	7/16"	2-3/4"	1"	39.18	37.48	35.77	34.07
16313	18313	.5000	1/2"	12.700	1/2"	3"	1"	56.83	54.36	51.89	49.42
16333	18333	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	91.52	87.54	83.56	79.58
16353	18353	.7500	3/4"	19.050	3/4"	4"	1-1/2"	132.27	126.52	120.77	115.02
16373	18373	1.000	1"	25.400	1"	4"	1-1/2"	229.57	219.59	209.61	199.63

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MATERIAL HARDNESS (Rc)

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