

TOLERANCES

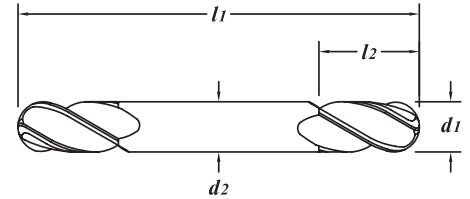
d_1	+0.000" - .002" (+.000 - .050mm)
d_2	h6
ball radius	+0.000" - .001" (+.000 - .025mm)



TECH
PAGES
262,264

Standard Length - Double End - Ball End
TiAlN Coating

- Solid submicron grain carbide end mill - center cutting
- Dry or semi-dry machining
- Extremely versatile
- Uncoated - page 218
- Stub Length - page 193



EDP#	d_1 † Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric								
32017	.0312	1/32"	0.792	1/8"	2"	3/32"	28.87	27.61	26.36	25.10
32027	.0469	3/64"	1.191	1/8"	2"	1/8"	28.87	27.61	26.36	25.10
32037	.0625	1/16"	1.588	1/8"	2"	3/16"	28.87	27.61	26.36	25.10
32047	.0938	3/32"	2.383	1/8"	2"	1/4"	28.87	27.61	26.36	25.10
32057	.1250	1/8"	3.175	1/8"	2"	3/8"	21.86	20.91	19.96	19.01
32067	.1562	5/32"	3.967	3/16"	2-1/2"	7/16"	31.73	30.35	28.97	27.59
32077	.1875	3/16"	4.763	3/16"	2-1/2"	1/2"	28.00	26.79	25.57	24.35
32087	.2188	7/32"	5.558	1/4"	2-1/2"	9/16"	36.56	34.97	33.38	31.79
32097	.2500	1/4"	6.350	1/4"	2-1/2"	5/8"	34.03	32.55	31.07	29.59
32107	.3125	5/16"	7.938	5/16"	3-1/2"	3/4"	48.91	46.78	44.66	42.53
32117	.3750	3/8"	9.525	3/8"	3-1/2"	3/4"	58.96	56.40	53.83	51.27
32127	.4375	7/16"	11.113	7/16"	4"	7/8"	79.94	76.46	72.99	69.51
32137	.5000	1/2"	12.700	1/2"	4"	1"	87.75	83.93	80.12	76.30

70

35

MATERIAL HARDNESS (Rc)

0