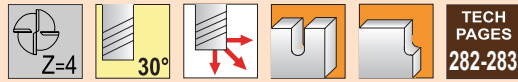


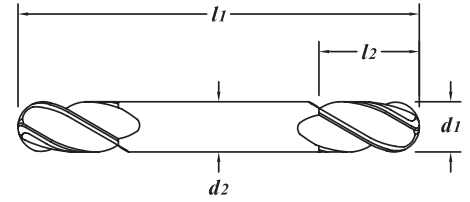
TOLERANCES

d_1	+0.000" -0.002" (+0.000 -0.050mm)
d_2	h6
ball radius	+0.000" -0.001" (+0.000 -0.025mm)



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 256



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"	31.52	30.15	28.78	27.41
32027	.0469	3/64"	1.191	1/8"	2"	1/8"	31.52	30.15	28.78	27.41
32037	.0625	1/16"	1.588	1/8"	2"	3/16"	31.52	30.15	28.78	27.41
32047	.0938	3/32"	2.383	1/8"	2"	1/4"	31.52	30.15	28.78	27.41
32057	.1250	1/8"	3.175	1/8"	2"	3/8"	23.87	22.84	21.80	20.76
32067	.1562	5/32"	3.967	3/16"	2-1/2"	7/16"	34.65	33.14	31.64	30.13
32077	.1875	3/16"	4.763	3/16"	2-1/2"	1/2"	30.58	29.25	27.92	26.59
32097	.2500	1/4"	6.350	1/4"	2-1/2"	5/8"	37.16	35.54	33.93	32.31
32117	.3750	3/8"	9.525	3/8"	3-1/2"	3/4"	64.38	61.58	58.78	55.98
32137	.5000	1/2"	12.700	1/2"	4"	1"	95.82	91.65	87.49	83.32

