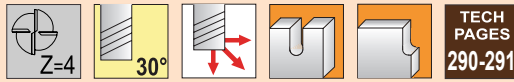


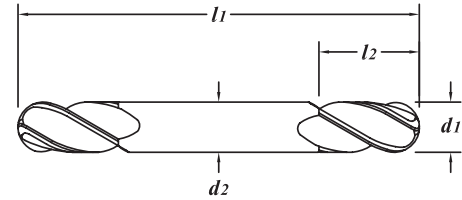
**TOLERANCES**

$d_1$	+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  
 Bright Finish - page 268



EDP#	$d_1$ † Diameter		$d_2$ Shank Diameter	$l_1$ Overall Length	$l_2$ Flute Length	LIST PRICE	
	Decimal	Metric					
32017	.0312	1/32"	0.792	1/8"	2"	3/32"	29.88
32027	.0469	3/64"	1.191	1/8"	2"	1/8"	29.88
32037	.0625	1/16"	1.588	1/8"	2"	3/16"	29.88
32047	.0938	3/32"	2.383	1/8"	2"	1/4"	29.88
32057	.1250	1/8"	3.175	1/8"	2"	3/8"	22.63
32067	.1562	5/32"	3.967	3/16"	2-1/2"	7/16"	32.84
32077	.1875	3/16"	4.763	3/16"	2-1/2"	1/2"	28.98
32097	.2500	1/4"	6.350	1/4"	2-1/2"	5/8"	35.22
32117	.3750	3/8"	9.525	3/8"	3-1/2"	3/4"	61.02
32137	.5000	1/2"	12.700	1/2"	4"	1"	90.82

