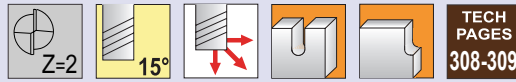


$d1$	+0.000" -0.011" (+0.000 -0.25mm)
$d2$	h6
ball radius	+0.0000" -0.0005" (+0.0000 -0.127mm)

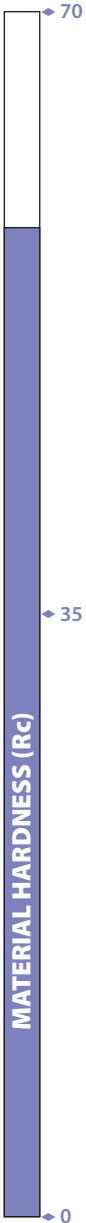
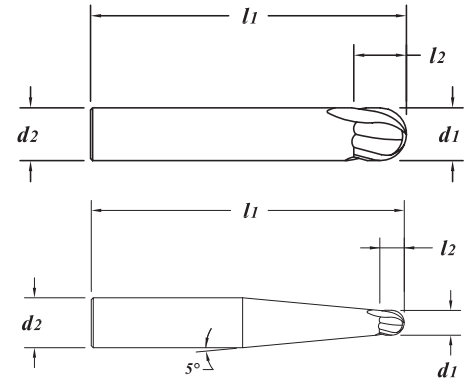
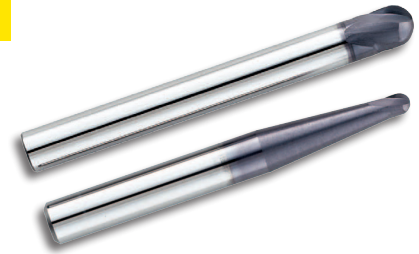


Recommended for die mold applications

Die Mold Cutter - Ball End

AlTiN Coating

Solid submicron grain carbide end mill - center cutting
 High performance machining in the die mold industry
 Rigid work holding, machine stability and part integrity are critical!
 <5mm (.1969") diameter have 5° per side taper to shank
 Recommended for high Rockwell materials
 Can be modified with a neck in 48 hours



EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric								
14210	.0312	1/32"	0.792	1/4"	3"	1/32"	60.36	57.74	55.11	52.49
15210	.0394		1.000	6.0	75	1	60.36	57.74	55.11	52.49
15220	.0591		1.500	6.0	75	1.5	60.36	57.74	55.11	52.49
14220	.0625	1/16"	1.588	1/4"	3"	1/16"	60.36	57.74	55.11	52.49
15230	.0787		2.000	6.0	75	2	60.36	57.74	55.11	52.49
14230	.0938	3/32"	2.383	1/4"	3"	3/32"	60.36	57.74	55.11	52.49
15240	.1181		3.000	6.0	75	3	58.98	56.42	53.85	51.29
14240	.1250	1/8"	3.175	1/4"	3"	1/8"	58.98	56.42	53.85	51.29
15250	.1575		4.000	6.0	75	4	58.12	55.59	53.07	50.54
14250	.1875	3/16"	4.763	1/4"	3"	3/16"	58.12	55.59	53.07	50.54
15260	.1969		5.000	6.0	75	5	58.12	55.59	53.07	50.54
15270	.2362		6.000	6.0	75	6	56.91	54.44	51.96	49.49
14260	.2500	1/4"	6.350	1/4"	3"	1/4"	56.91	54.44	51.96	49.49
14270	.3125	5/16"	7.938	5/16"	4"	5/16"	69.70	66.67	63.64	60.61
15280	.3150		8.000	8.0	100	8	69.70	66.67	63.64	60.61
14280	.3750	3/8"	9.525	3/8"	4"	3/8"	77.12	73.77	70.41	67.06
15290	.3937		10.000	10.0	100	10	83.43	79.81	76.18	72.55
15300	.4724		12.000	12.0	100	12	101.05	96.66	92.26	87.87
14290	.5000	1/2"	12.700	1/2"	4"	1/2"	112.53	107.64	102.74	97.85