

TOLERANCES

<i>d1</i>	+ .000" - .002" (+.000mm -.050mm)
<i>d2</i>	h6
<i>r</i>	+ .001" - .001" (+.025 -.025mm)

HIGH FEED END MILLS

Series H-45



Recommended for die mold applications

Corner Radius

BALINIT® Durana Coating

Solid submicron grain carbide end mill - center cutting

For light axial / radial depths of cut

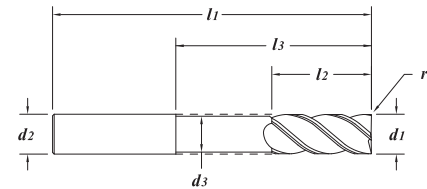
Rigid work holding, machine stability and part integrity are critical!

Recommended for high Rockwell materials

Modified reach lengths available within 48 hours

* - tool has 3° per side blend angle to shank

* - tool has reduced diameter shank



EDP#	<i>d1</i> † Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>r</i> Corner Radius	<i>l3</i> Reach Length	<i>d3</i> Neck Diameter	LIST PRICE
	Decimal	Metric							
48300	.1181	3.000	6.0	65	3	0.75	15.0	2.80	36.61
48305	.1250	1/8"	3.175	1/8"	3"	1/8"	.015"	-	27.66
48310	.1250	1/8"	3.175	1/8"	3"	1/8"	.030"	-	27.66
48315	.1250	1/8"	3.175	3/16"	2-1/2"	1/8"	.010"	3/4"	32.50
48320	.1250	1/8"	3.175	3/16"	2-1/2"	1/8"	.015"	3/4"	32.50
48325	.1250	1/8"	3.175	3/16"	2-1/2"	1/8"	.020"	3/4"	32.50
* 48330	.1250	1/8"	3.175	3/16"	3"	1/8"	.030"	*	29.66
48335	.1575	4.000	6.0	65	4	1.00	20.0	3.70	35.15
48340	.1875	3/16"	4.763	3/16"	3"	3/16"	.015"	-	31.90
48345	.1875	3/16"	4.763	3/16"	3"	3/16"	.030"	-	31.90
48350	.1875	3/16"	4.763	3/16"	3"	3/16"	.060"	-	31.90
48355	.1875	3/16"	4.763	1/4"	2-1/2"	3/16"	.020"	7/8"	34.14
48360	.1875	3/16"	4.763	1/4"	2-1/2"	3/16"	.030"	7/8"	34.14
48365	.1875	3/16"	4.763	1/4"	2-1/2"	3/16"	.060"	7/8"	34.14
48370	.1875	3/16"	4.763	1/4"	4"	3/16"	.020"	1-1/2"	49.36
48375	.1875	3/16"	4.763	1/4"	4"	3/16"	.030"	1-1/2"	49.36
* 48380	.1875	3/16"	4.763	1/4"	4"	3/16"	.030"	*	49.36
* 48385	.1969	5.000	6.0	100	5	1.20	* 10.0	4.90	51.16
48390	.2362	6.000	6.0	100	6	1.50	30.0	5.70	48.53
48395	.2500	1/4"	6.350	1/4"	3"	1/4"	.015"	-	36.86
48400	.2500	1/4"	6.350	1/4"	3"	1/4"	.030"	-	36.86
48405	.2500	1/4"	6.350	1/4"	3"	1/4"	.060"	-	36.86
* 48410	.2756	7.000	6.0	100	7	1.50	*	-	76.78
48415	.3125	5/16"	7.938	5/16"	2-1/2"	5/16"	.020"	-	34.05
48420	.3125	5/16"	7.938	5/16"	3"	5/16"	.078"	1-5/8"	54.35
48425	.3125	5/16"	7.938	5/16"	3"	5/16"	.094"	1-5/8"	54.35
48430	.3150	8.000	8.0	75	8	2.00	-	-	48.93
48435	.3150	8.000	8.0	100	8	2.00	40.0	7.70	63.46
48440	.3750	3/8"	9.525	3/8"	3"	3/8"	.015"	-	51.69
48445	.3750	3/8"	9.525	3/8"	3"	3/8"	.030"	-	51.69
48450	.3750	3/8"	9.525	3/8"	3"	3/8"	.060"	-	51.69
48455	.3750	3/8"	9.525	3/8"	3"	3/8"	.094"	2.00"	59.07
48460	.3750	3/8"	9.525	3/8"	4"	3/8"	.030"	2-1/2"	65.75
48465	.3750	3/8"	9.525	3/8"	4"	3/8"	.094"	2-1/2"	65.75
48470	.3937	10.000	10.0	100	10	2.00	50.0	9.70	81.17
48475	.4724	12.000	12.0	100	12	3.00	60.0	11.70	90.15
48480	.5000	1/2"	12.700	1/2"	3"	1/2"	.015"	-	67.19
48485	.5000	1/2"	12.700	1/2"	3"	1/2"	.030"	-	67.19
48490	.5000	1/2"	12.700	1/2"	3"	1/2"	.060"	-	67.19
48495	.5000	1/2"	12.700	1/2"	3"	1/2"	.125"	-	67.19
48500	.5000	1/2"	12.700	1/2"	4"	1/2"	.125"	-	79.59

HIGH PERFORMANCE END MILLS

70
35
0
MATERIAL HARDNESS (Rc)