

d1	+0.000" - .002" (+0.000mm - .050mm)
d2	h6

.2362" - .5000"
(6.000mm - 12.700mm)



TECH
PAGES
304-305

Recommended for titanium and steels under 40Rc

Multi-Flute End Mill - Square End

AlCrN Coating

Solid submicron grain carbide end mill - non-center cutting

Multiple flutes for increased feed rates

Odd number of flutes to naturally break up harmonics

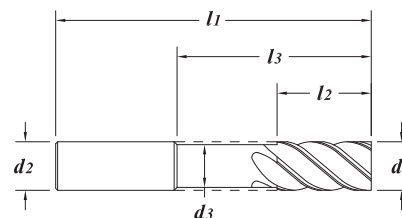
Engineered for High Efficiency Milling

Up to 8% Radial (ap) engagement

Can be used to finish most steels under 40Rc, as well as aluminum

Conventional grind for better finish cutting and less push off when finishing

Regrindable



70
35
0
MATERIAL HARDNESS (Rc)

EDP#	d1 † Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	l3 Reach Length	d3 Neck Diameter	Number Flutes	1-11	12-24	25-49	50-100
	Decimal	Metric										
98390	.2362	6.000	6.0	50	12	-	-	7	25.67	24.55	23.44	22.32
98392	.2362	6.000	6.0	65	19	-	-	7	28.93	27.68	26.42	25.16
98394	.2362	6.000	6.0	100	38	-	-	7	48.21	46.11	44.02	41.92
98396	.2362	6.000	6.0	100	10	60	5.4	7	51.78	49.53	47.28	45.03
98398	.2500	1/4"	6.350	1/4"	2"	3/8"	-	7	24.62	23.55	22.48	21.41
98400	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	-	7	27.92	26.71	25.49	24.28
98402	.2500	1/4"	6.350	1/4"	4"	1-1/2"	-	7	46.25	44.24	42.23	40.22
98404	.3125	5/16"	7.938	5/16"	2"	7/16"	-	7	36.56	34.97	33.38	31.79
98406	.3125	5/16"	7.938	5/16"	2-1/2"	13/16"	-	7	39.84	38.10	36.37	34.64
98408	.3125	5/16"	7.938	5/16"	4"	1-1/2"	-	7	63.11	60.37	57.62	54.88
98410	.3150	8.000	8.0	50	12	-	-	7	37.05	35.44	33.83	32.22
98412	.3150	8.000	8.0	65	22	-	-	7	41.27	39.48	37.68	35.89
98414	.3150	8.000	8.0	100	38	-	-	7	65.71	62.85	60.00	57.14
98416	.3150	8.000	8.0	100	12	60	7.4	7	69.29	66.28	63.26	60.25
98418	.3750	3/8"	9.525	3/8"	2"	1/2"	-	7	43.99	42.08	40.16	38.25
98420	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	-	7	47.00	44.96	42.91	40.87
98422	.3750	3/8"	9.525	3/8"	3"	1-1/4"	-	7	60.51	57.88	55.25	52.62
98424	.3750	3/8"	9.525	3/8"	4"	2"	-	7	67.83	64.88	61.93	58.98
98426	.3937	10.000	10.0	50	16	-	-	7	51.23	49.01	46.78	44.55
98428	.3937	10.000	10.0	70	22	-	-	7	56.37	53.92	51.47	49.02
98430	.3937	10.000	10.0	100	38	-	-	7	85.46	81.74	78.03	74.31
98432	.3937	10.000	10.0	100	50	-	-	7	85.46	81.74	78.03	74.31
98434	.3937	10.000	10.0	100	16	60	9.4	7	89.04	85.17	81.30	77.43
98436	.4724	12.000	12.0	75	26	-	-	9	73.22	70.04	66.85	63.67
98438	.4724	12.000	12.0	75	32	-	-	9	73.22	70.04	66.85	63.67
98440	.4724	12.000	12.0	100	42	-	-	9	100.48	96.11	91.74	87.37
98442	.4724	12.000	12.0	100	52	-	-	9	100.48	96.11	91.74	87.37
98444	.4724	12.000	12.0	150	19	105	11.4	9	141.65	135.49	129.33	123.17
98446	.5000	1/2"	12.700	1/2"	3"	1"	-	9	70.30	67.24	64.19	61.13
98448	.5000	1/2"	12.700	1/2"	3"	1-1/4"	-	9	70.30	67.24	64.19	61.13
98450	.5000	1/2"	12.700	1/2"	4"	5/8"	2-1/8"	9	98.70	94.41	90.12	85.83
98452	.5000	1/2"	12.700	1/2"	4"	1-1/2"	-	9	95.13	90.99	86.86	82.72
98454	.5000	1/2"	12.700	1/2"	4"	2-1/8"	-	9	95.13	90.99	86.86	82.72

EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	$l3$ Reach Length	$d3$ Neck Diameter	Number Flutes	1-11	12-24	25-49	50-100	
	Decimal	Metric											
98456	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	-	-	9	144.76	138.47	132.17	125.88
98458	.6250	5/8"	15.875	5/8"	4"	1-5/8"	-	-	9	154.61	147.88	141.16	134.44
98460	.6250	5/8"	15.875	5/8"	6"	3-1/4"	-	-	9	212.73	203.48	194.23	184.98
98462	.6250	5/8"	15.875	5/8"	6"	3/4"	4-1/8"	.590"	9	216.30	206.90	197.49	188.09
98464	.6299		16.000	16.0	88	32	-	-	9	151.02	144.45	137.89	131.32
98466	.6299		16.000	16.0	100	42	-	-	9	161.21	154.20	147.19	140.18
98468	.6299		16.000	16.0	150	60	-	-	9	221.82	212.18	202.53	192.89
98470	.6299		16.000	16.0	150	80	-	-	9	221.82	212.18	202.53	192.89
98472	.6299		16.000	16.0	150	22	102	15.4	9	225.40	215.60	205.80	196.00
98474	.7500	3/4"	19.050	3/4"	4"	1-1/2"	-	-	11	214.91	205.57	196.22	186.88
98476	.7500	3/4"	19.050	3/4"	4"	1-5/8"	-	-	11	214.91	205.57	196.22	186.88
98478	.7500	3/4"	19.050	3/4"	5"	2-1/8"	-	-	11	288.48	275.94	263.39	250.85
98480	.7500	3/4"	19.050	3/4"	6"	3-1/4"	-	-	11	337.56	322.88	308.21	293.53
98484	.7874		20.000	20.0	100	26	-	-	11	279.19	267.05	254.91	242.77
98486	.7874		20.000	20.0	100	38	-	-	11	279.19	267.05	254.91	242.77
98488	.7874		20.000	20.0	150	60	-	-	11	351.62	336.34	321.05	305.76
98490	.7874		20.000	20.0	150	80	-	-	11	351.62	336.34	321.05	305.76
98494	1.000	1"	25.400	1"	4"	1-1/2"	-	-	13	296.36	283.47	270.59	257.70
98496	1.000	1"	25.400	1"	5"	2-1/4"	-	-	13	396.68	379.43	362.19	344.94
98498	1.000	1"	25.400	1"	6"	3-1/4"	-	-	13	516.74	494.27	471.81	449.34
98500	1.000	1"	25.400	1"	7"	4-1/4"	-	-	13	694.86	664.65	634.44	604.23

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MATERIAL HARDNESS (Rc)

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