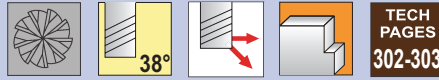


d1	+0.000" - .002" (+0.000mm - .050mm)
d2	h6

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

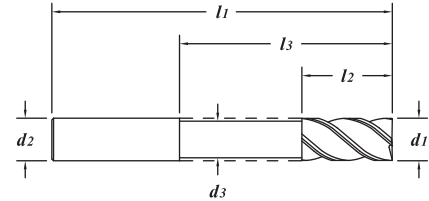


Recommended for titanium and steels under 40Rc

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



MATERIAL HARDNESS (Rc) 70 35 0

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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