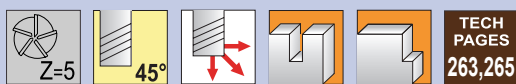


$d_1$	+0.000" - .002" (+.000 - .050mm)
$d_2$	h6

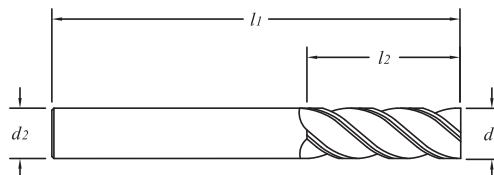
.1181" - .4724"  
(3.000mm - 12.000mm)



Recommended for steels, stainless steel, and exotics

**Square End**  
**AlTiN Coating**

- Solid submicron grain carbide end mill - center cutting
- High performance milling
- Rigid work holding, machine stability and part integrity are critical!
- Dry or semi-dry machining
- Improved finishes in titanium
- Heavy core, Sharp corners
- Uncoated - page 136
- TiCN Coated - page 138



70  
35  
0  
MATERIAL HARDNESS (Rc)

EDP#	$d_1$ † Diameter		$d_2$ Shank Diameter	$l_1$ Overall Length	$l_2$ Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric								
40047	.1181	3.000	3.0	38	8	13.56	12.97	12.38	11.79	
40057	.1181	3.000	3.0	50	12	16.34	15.63	14.92	14.21	
52087	.1250	1/8"	3.175	1/8"	1-1/2"	1/4"	12.88	12.32	11.76	11.20
52097	.1250	1/8"	3.175	1/8"	2"	1/2"	15.53	14.85	14.18	13.50
40087	.1575	4.000	6.0	50	8	21.92	20.97	20.01	19.06	
40097	.1575	4.000	6.0	50	12	21.92	20.97	20.01	19.06	
52107	.1875	3/16"	4.763	3/16"	2"	5/16"	14.72	14.08	13.44	12.80
52127	.1875	3/16"	4.763	3/16"	2"	9/16"	14.72	14.08	13.44	12.80
40107	.1969	5.000	5.0	50	8	17.45	16.69	15.93	15.17	
40127	.1969	5.000	5.0	50	14	17.45	16.69	15.93	15.17	
NEW 40117	.1969	5.000	6.0	50	8	21.47	20.54	19.60	18.67	
NEW 40137	.1969	5.000	6.0	65	16	23.44	22.42	21.40	20.38	
40207	.2362	6.000	6.0	50	10	18.25	17.46	16.66	15.87	
40227	.2362	6.000	6.0	65	20	20.57	19.68	18.78	17.89	
40247	.2362	6.000	6.0	100	32	34.05	32.57	31.09	29.61	
52207	.2500	1/4"	6.350	1/4"	2"	3/8"	17.51	16.75	15.99	15.23
52227	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	19.86	19.00	18.13	17.27
52247	.2500	1/4"	6.350	1/4"	4"	1-1/4"	32.65	31.23	29.81	28.39
52307	.3125	5/16"	7.938	5/16"	2"	7/16"	24.21	23.16	22.10	21.05
52327	.3125	5/16"	7.938	5/16"	2-1/2"	13/16"	28.32	27.09	25.86	24.63
52347	.3125	5/16"	7.938	5/16"	4"	1-1/4"	44.49	42.56	40.62	38.69
40307	.3150	8.000	8.0	50	11	25.20	24.10	23.01	21.91	
40327	.3150	8.000	8.0	65	21	29.35	28.07	26.80	25.52	
40347	.3150	8.000	8.0	100	32	46.32	44.31	42.29	40.28	
40367	.3543	9.000	10.0	65	22	45.32	43.35	41.38	39.41	
52407	.3750	3/8"	9.525	3/8"	2"	1/2"	28.60	27.36	26.11	24.87
52427	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	33.42	31.97	30.51	29.06
52447	.3750	3/8"	9.525	3/8"	3-1/2"	1-1/2"	48.22	46.12	44.03	41.93
40407	.3937	10.000	10.0	50	12	33.10	31.66	30.22	28.78	
40427	.3937	10.000	10.0	70	22	40.08	38.34	36.59	34.85	
40447	.3937	10.000	10.0	88	38	59.19	56.62	54.04	51.47	
52507	.4375	7/16"	11.113	7/16"	2-1/2"	9/16"	40.17	38.42	36.68	34.93
52527	.4375	7/16"	11.113	7/16"	2-3/4"	1"	40.17	38.42	36.68	34.93
52547	.4375	7/16"	11.113	7/16"	4"	2"	64.24	61.45	58.65	55.86
40507	.4724	12.000	12.0	65	16	48.78	46.66	44.54	42.42	
40527	.4724	12.000	12.0	75	32	52.05	49.79	47.52	45.26	
40547	.4724	12.000	12.0	100	50	71.04	67.95	64.86	61.77	

EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric								
52607	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	46.78	44.75	42.71	40.68
52627	.5000	1/2"	12.700	1/2"	3"	1-1/4"	49.98	47.81	45.63	43.46
52647	.5000	1/2"	12.700	1/2"	4"	2"	67.63	64.69	61.75	58.81
52707	.6250	5/8"	15.875	5/8"	3"	3/4"	82.93	79.32	75.72	72.11
52727	.6250	5/8"	15.875	5/8"	3-1/2"	1-5/8"	92.22	88.21	84.20	80.19
52747	.6250	5/8"	15.875	5/8"	6"	2-1/2"	134.87	129.01	123.14	117.28
40607	.6299		16.000	16.0	75	20	86.74	82.97	79.20	75.43
40627	.6299		16.000	16.0	88	41	96.21	92.03	87.84	83.66
40647	.6299		16.000	16.0	150	63	134.87	129.01	123.14	117.28
52807	.7500	3/4"	19.050	3/4"	3"	7/8"	116.84	111.76	106.68	101.60
52827	.7500	3/4"	19.050	3/4"	4"	1-5/8"	131.64	125.92	120.19	114.47
52837	.7500	3/4"	19.050	3/4"	5"	2"	176.69	169.00	161.32	153.64
52847	.7500	3/4"	19.050	3/4"	6"	3-1/4"	206.77	197.78	188.79	179.80
40727	.7874		20.000	20.0	100	41	177.85	170.12	162.38	154.65
40747	.7874		20.000	20.0	150	82	223.09	213.39	203.69	193.99
40787	.9843		25.000	25.0	100	28	203.10	194.27	185.44	176.61
40827	.9843		25.000	25.0	100	50	203.10	194.27	185.44	176.61
40847	.9843		25.000	25.0	150	82	328.66	314.37	300.08	285.79
52897	1.000	1"	25.400	1"	4"	1-1/8"	196.66	188.11	179.56	171.01
52927	1.000	1"	25.400	1"	4"	2"	196.66	188.11	179.56	171.01
52947	1.000	1"	25.400	1"	6"	3-1/4"	342.90	327.99	313.08	298.17

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MATERIAL HARDNESS (Rc)

0



*End Mill Manufacturing*