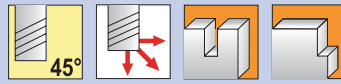


255MA (855MA metric) - 5 Flute

Technical information:
page 229, 231



TOLERANCES

d_1	+.000" -.002" (+.000 -.050mm)	
d_2	3mm - 6mm	+.0000" -.0003" (+.0000 -.0075mm)
	1/4" - 1"	-.0001" -.0004" (-.0025 -.0100mm)

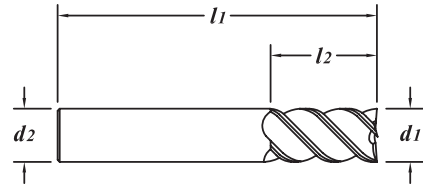
.1181" - .6250"
(3.000mm - 15.875mm)

Balinit® X.CEED Coated

Uncoated - page 121
TiCN Coated - page 123

- 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
- Up to 40% faster than uncoated
- Improved finishes in titanium
- Heavy core, Sharp corners

Recommended for steels, stainless steel and exotics



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	
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	
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	
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

255MA (855MA metric) - 5 Flute (continued)

.6299" - 1.000"
(16.000mm - 25.400mm)

HIGH PERFORMANCE
END MILLS

EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric								
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
40707	.7874		20.000	20.0	75	22	159.44	152.50	145.57	138.64
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