

TOLERANCES

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

NEW ITEM

Series 246M, 246MC, 246MA, 846M, 846MA

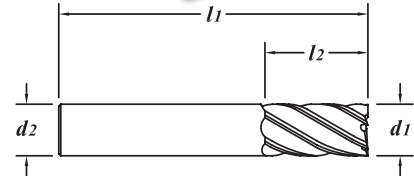


TECH PAGES 284-285

Recommended for steels

Square End

Solid submicron grain carbide end mill - center cutting
 High performance finishing in a variety of steels
 Rigid work holding, machine stability and part integrity are critical!
 Excellent durability



(246M/846M) UNCOATED EDP#	(246MC) TiCN EDP#	(246MA/846MA) AlTiN 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								
51110	-	-	.1875	3/16"	4.763	3/16"	2"	5/8"	13.37	12.79	12.21	11.63
51510	-	-	.1969		5.000	5.0	50	16	14.86	14.21	13.57	12.92
51520	-	-	.2362		6.000	6.0	65	20	16.93	16.19	15.46	14.72
51150	-	-	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	16.13	15.43	14.73	14.03
51190	-	-	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	22.63	21.65	20.66	19.68
51530	-	-	.3150		8.000	8.0	65	22	23.76	22.73	21.69	20.66
51230	-	-	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	28.18	26.95	25.73	24.50
51540	-	-	.3937		10.000	10.0	70	25	34.30	32.81	31.32	29.83
51270	-	-	.4375	7/16"	11.113	7/16"	2-3/4"	1"	34.40	32.90	31.41	29.91
51310	-	-	.5000	1/2"	12.700	1/2"	3"	1"	45.14	43.18	41.21	39.25
51330	-	-	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	87.04	83.26	79.47	75.69
51560	-	-	.6299		16.000	16.0	88	32	91.39	87.42	83.44	79.47
51350	-	-	.7500	3/4"	19.050	3/4"	4"	1-1/2"	127.63	122.08	116.53	110.98
51370	-	-	1.000	1"	25.400	1"	4"	1-1/2"	190.90	182.60	174.30	166.00
51400	-	-	1.250	1-1/4"	31.750	1-1/4"	4-1/2"	2"	557.35	533.12	508.88	484.65
51430	-	-	1.250	1-1/4"	31.750	1-1/4"	6"	3"	729.58	697.86	666.14	634.42
-	51114	-	.1875	3/16"	4.763	3/16"	2"	5/8"	15.76	15.07	14.39	13.70
-	51154	-	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	20.95	20.04	19.13	18.22
-	51194	-	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	29.06	27.80	26.53	25.27
-	51234	-	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	34.63	33.12	31.62	30.11
-	51274	-	.4375	7/16"	11.113	7/16"	2-3/4"	1"	42.14	40.30	38.47	36.64
-	51314	-	.5000	1/2"	12.700	1/2"	3"	1"	52.85	50.56	48.26	45.96
-	51334	-	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	99.06	94.75	90.45	86.14
-	51354	-	.7500	3/4"	19.050	3/4"	4"	1-1/2"	141.40	135.26	129.11	122.96
-	51374	-	1.000	1"	25.400	1"	4"	1-1/2"	211.58	202.38	193.18	183.98
-	51404	-	1.250	1-1/4"	31.750	1-1/4"	4-1/2"	2"	590.76	565.07	539.39	513.70
-	51434	-	1.250	1-1/4"	31.750	1-1/4"	6"	3"	767.36	734.00	700.63	667.27
-	-	51117	.1875	3/16"	4.763	3/16"	2"	5/8"	16.08	15.38	14.68	13.98
-	-	51517	.1969		5.000	5.0	50	16	19.06	18.23	17.40	16.57
NEW	-	51597	.1969		5.000	6.0	65	16	25.60	24.49	23.37	22.26
-	-	51527	.2362		6.000	6.0	65	20	22.46	21.48	20.51	19.53
-	-	51157	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	21.69	20.75	19.80	18.86
-	-	51197	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	30.92	29.58	28.23	26.89
-	-	51537	.3150		8.000	8.0	65	22	32.05	30.66	29.26	27.87
-	-	51237	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	36.49	34.90	33.32	31.73
-	-	51547	.3937		10.000	10.0	70	25	43.76	41.86	39.95	38.05
-	-	51277	.4375	7/16"	11.113	7/16"	2-3/4"	1"	43.87	41.97	40.06	38.15
-	-	51557	.4724		12.000	12.0	75	26	56.83	54.36	51.89	49.42
-	-	51317	.5000	1/2"	12.700	1/2"	3"	1"	54.58	52.21	49.83	47.46
-	-	51337	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	100.71	96.33	91.95	87.57
-	-	51567	.6299		16.000	16.0	88	32	105.05	100.49	95.92	91.35
-	-	51357	.7500	3/4"	19.050	3/4"	4"	1-1/2"	143.75	137.50	131.25	125.00
-	-	51577	.7874		20.000	20.0	100	38	194.21	185.77	177.32	168.88
-	-	51587	.9843		25.000	25.0	100	38	221.79	212.15	202.50	192.86
-	-	51377	1.000	1"	25.400	1"	4"	1-1/2"	214.75	205.41	196.08	186.74
-	-	51407	1.250	1-1/4"	31.750	1-1/4"	4-1/2"	2"	596.45	570.52	544.58	518.65
-	-	51437	1.250	1-1/4"	31.750	1-1/4"	6"	3"	768.68	735.26	701.84	668.42

HIGH PERFORMANCE
END MILLS

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MATERIAL HARDNESS (Rc)

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