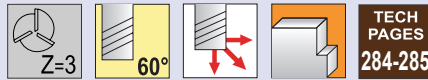


TOLERANCES

d_1	+0.000° -0.002° (+.000 -.050mm)
d_2	h6

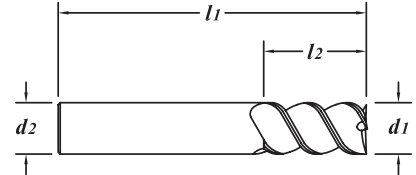
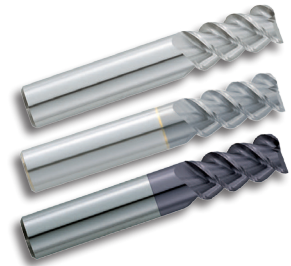
Series 263M, 263MC, 263MA, 863MA



Recommended for steels, stainless steel, high-temperature alloys

Square End

- Solid submicron grain carbide end mill - center cutting
- High performance profiling
- Rigid work holding, machine stability and part integrity are critical!
- Modified end gash - will not cut square corner
- Can be modified with a corner radius



(263M) UNCOATED EDP#	(263MC) TiCN EDP#	(263MA/863MA) AlTiN EDP#	d_1 †		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
			Decimal	Metric								
23010	-	-	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	16.13	15.43	14.73	14.03
23020	-	-	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	22.63	21.65	20.66	19.68
23030	-	-	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	28.18	26.95	25.73	24.50
23040	-	-	.4375	7/16"	11.113	7/16"	2-3/4"	1"	34.40	32.90	31.41	29.91
23050	-	-	.5000	1/2"	12.700	1/2"	3"	1"	45.14	43.18	41.21	39.25
23060	-	-	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	87.04	83.26	79.47	75.69
23070	-	-	.7500	3/4"	19.050	3/4"	4"	1-1/2"	127.63	122.08	116.53	110.98
23080	-	-	1.000	1"	25.400	1"	4"	1-1/2"	190.90	182.60	174.30	166.00
-	23014	-	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	20.95	20.04	19.13	18.22
-	23024	-	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	29.06	27.80	26.53	25.27
-	23034	-	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	34.63	33.12	31.62	30.11
-	23044	-	.4375	7/16"	11.113	7/16"	2-3/4"	1"	42.14	40.30	38.47	36.64
-	23054	-	.5000	1/2"	12.700	1/2"	3"	1"	52.85	50.56	48.26	45.96
-	23064	-	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	99.06	94.75	90.45	86.14
-	23074	-	.7500	3/4"	19.050	3/4"	4"	1-1/2"	141.40	135.26	129.11	122.96
-	23084	-	1.000	1"	25.400	1"	4"	1-1/2"	211.62	202.42	193.22	184.02
-	-	23517	.2362		6.000	6.0	65	13	22.46	21.48	20.51	19.53
-	-	23017	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	21.69	20.75	19.80	18.86
-	-	23027	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	30.92	29.58	28.23	26.89
-	-	23527	.3150		8.000	8.0	65	19	32.05	30.66	29.26	27.87
-	-	23037	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	36.49	34.90	33.32	31.73
-	-	23537	.3937		10.000	10.0	70	22	43.76	41.86	39.95	38.05
-	-	23047	.4375	7/16"	11.113	7/16"	2-3/4"	1"	43.87	41.97	40.06	38.15
-	-	23547	.4724		12.000	12.0	75	26	56.83	54.36	51.89	49.42
-	-	23057	.5000	1/2"	12.700	1/2"	3"	1"	54.58	52.21	49.83	47.46
-	-	23067	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	100.71	96.33	91.95	87.57
-	-	23557	.6299		16.000	16.0	88	32	105.05	100.49	95.92	91.35
-	-	23077	.7500	3/4"	19.050	3/4"	4"	1-1/2"	143.75	137.50	131.25	125.00
-	-	23087	1.000	1"	25.400	1"	4"	1-1/2"	214.75	205.41	196.08	186.74

70
35
0
MATERIAL HARDNESS (Rc)

HIGH PERFORMANCE
END MILLS