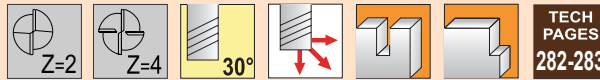


Series 425M, 435M, 435MA

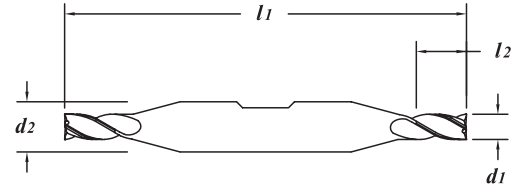
TOLERANCES

d_1	+0.000" -0.002" (+0.000 -0.050mm)
d_2	-0.001" -0.005" (-0.025 -0.127mm)



Standard Length - Double End - 3/8" Shank

Solid submicron grain carbide end mill - center cutting
Common 3/8" diameter shank with weldon flat
For strength and adaptability when converting from high speed steel



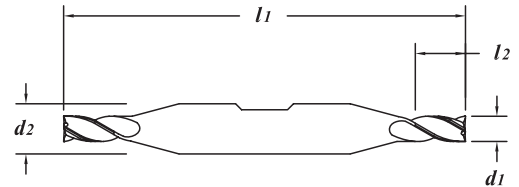
(425M) 2 Flute EDP#	(435M) 4 Flute EDP#	d_1 † Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
		Decimal	Metric								
33010	34010	.1250	1/8"	3.175	3/8"	3"	3/8"	39.46	37.74	36.03	34.31
33020	34020	.1562	5/32"	3.967	3/8"	3"	7/16"	39.46	37.74	36.03	34.31
33030	34030	.1875	3/16"	4.763	3/8"	3"	1/2"	39.46	37.74	36.03	34.31
33050	34050	.2500	1/4"	6.350	3/8"	3"	5/8"	39.46	37.74	36.03	34.31
-	34060	.2812	9/32"	7.142	3/8"	4"	11/16"	45.34	43.37	41.40	39.43
-	34070	.3125	5/16"	7.938	3/8"	4"	3/4"	45.34	43.37	41.40	39.43
-	34090	.3750	3/8"	9.525	3/8"	4"	3/4"	45.34	43.37	41.40	39.43

MATERIAL HARDNESS (Rc) 70
35
0



Standard Length - Double End - 3/8" Shank TiALN Coated

Solid submicron grain carbide end mill - center cutting
Common 3/8" diameter shank with weldon flat
For strength and adaptability when converting from high speed steel
Dry or semi-dry machining



(435MA) 4 Flute 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								
34017	.1250	1/8"	3.175	3/8"	3"	3/8"	51.93	49.68	47.42	45.16
34027	.1562	5/32"	3.967	3/8"	3"	7/16"	51.93	49.68	47.42	45.16
34037	.1875	3/16"	4.763	3/8"	3"	1/2"	51.93	49.68	47.42	45.16
34047	.2188	7/32"	5.558	3/8"	3"	9/16"	51.93	49.68	47.42	45.16
34057	.2500	1/4"	6.350	3/8"	3"	5/8"	51.93	49.68	47.42	45.16
34067	.2812	9/32"	7.142	3/8"	4"	11/16"	61.17	58.51	55.85	53.19
34077	.3125	5/16"	7.938	3/8"	4"	3/4"	61.17	58.51	55.85	53.19
34097	.3750	3/8"	9.525	3/8"	4"	3/4"	61.17	58.51	55.85	53.19