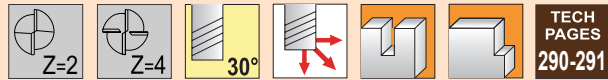


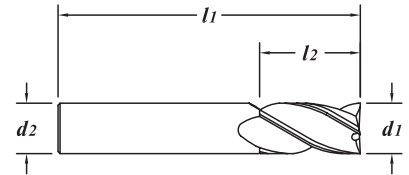
Series 280M, 290M, 380M, 390M

TOLERANCES	
d_1	+0.01" -0.00" (+0.25 -0.00mm)
d_2	h6

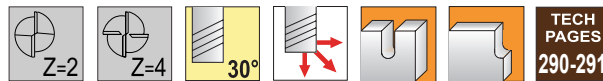


Standard Length - N/C Tolerance - Square End

Solid submicron grain carbide end mill - center cutting
 Excellent for keyways
 Tight tolerance for precision machining
 For use when matching tools are necessary

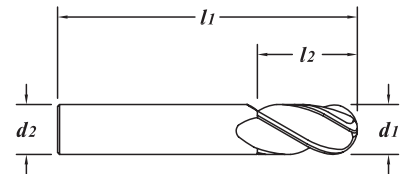


(280M) 2 Flute EDP#	(290M) 4 Flute EDP#	d_1 † Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length
		Decimal	Metric			
25010	26010	.0625	1/16"	1.588	1/8"	1-1/2"
25020	26020	.0938	3/32"	2.383	1/8"	1-1/2"
25030	26030	.1250	1/8"	3.175	1/8"	1-1/2"
25040	26040	.1875	3/16"	4.763	3/16"	2"
25050	26050	.2500	1/4"	6.350	1/4"	2-1/2"
*25070	*26070	.3750	3/8"	9.525	3/8"	2-1/2"
*25090	*26090	.5000	1/2"	12.700	1/2"	3"
-	*26100	.6250	5/8"	15.875	5/8"	3-1/2"



Standard Length - N/C Tolerance - Ball End

Solid submicron grain carbide end mill - center cutting
 Excellent for keyways
 Tight tolerance for precision machining
 For use when matching tools are necessary
 Ball radius tolerance +.0005" -.0000" (+0.127mm -.0000mm)



(380M) 2 Flute EDP#	(390M) 4 Flute EDP#	d_1 † Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length
		Decimal	Metric			
27010	28010	.0625	1/16"	1.588	1/8"	1-1/2"
27030	28030	.1250	1/8"	3.175	1/8"	1-1/2"
-	28040	.1875	3/16"	4.763	3/16"	2"
27050	28050	.2500	1/4"	6.350	1/4"	2-1/2"
-	28060	.3125	5/16"	7.938	5/16"	2-1/2"
*27070	*28070	.3750	3/8"	9.525	3/8"	2-1/2"
-	*28090	.5000	1/2"	12.700	1/2"	3"
-	*28100	.6250	5/8"	15.875	5/8"	3-1/2"

* - Tools with weldon flats

