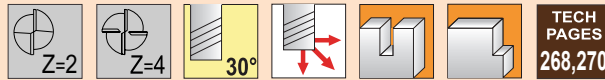


# Series 220MT, 230MT

**TOLERANCES**

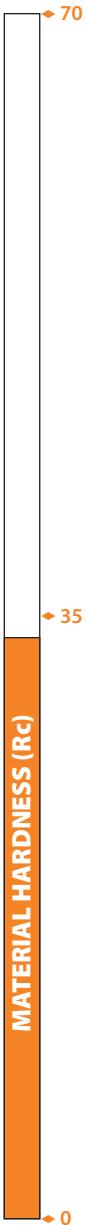
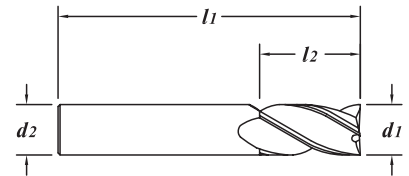
$d_1$	+0.000" - .002" (+.000 - .050mm)
$d_2$	h6



## Standard Length - Square End

### TiN Coating

- Solid submicron grain carbide end mill - center cutting
- Improved lubricity
- Extremely versatile
- Uncoated - page 202
- TiCN Coating - page 205
- TiALN Coating - page 206



(220MT) 2 Flute EDP#	(230MT) 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								
11073	13073	.1250	1/8"	3.175	1/8"	1-1/2"	1/2"	10.25	9.80	9.36	8.91
11113	13113	.1875	3/16"	4.763	3/16"	2"	5/8"	13.73	13.13	12.54	11.94
11153	13153	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	17.81	17.04	16.26	15.49
11193	13193	.3125	5/16"	7.938	5/16"	2-1/2"	7/8"	24.81	23.73	22.65	21.57
11233	13233	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	29.89	28.59	27.29	25.99
11273	13273	.4375	7/16"	11.113	7/16"	2-3/4"	1"	36.42	34.84	33.25	31.67
11313	13313	.5000	1/2"	12.700	1/2"	3"	1"	46.25	44.24	42.23	40.22
11333	13333	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	87.22	83.42	79.63	75.84
11353	13353	.7500	3/4"	19.050	3/4"	4"	1-1/2"	125.40	119.94	114.49	109.04
-	13373	1.000	1"	25.400	1"	4"	1-1/2"	189.81	181.56	173.30	165.05