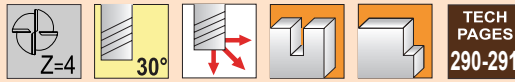


TOLERANCES

$d1$	+0.000° -0.002° (+.000 -0.050mm)
$d2$	h6

Series 430MA, 450MA



GENERAL PURPOSE
END MILLS

Standard Length - Double End

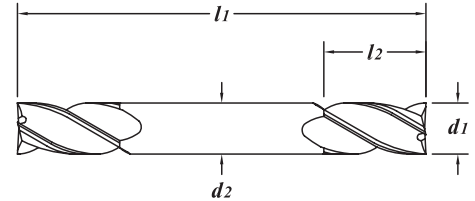
TiAlN Coating

Solid submicron grain carbide end mill - center cutting

Dry or semi-dry machining

Extremely versatile

Bright Finish - page 266



(430MA/450MA) EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	LIST PRICE	
	Decimal	Metric					
30017	.0312	1/32"	0.792	1/8"	2"	3/32"	26.47
30027	.0469	3/64"	1.191	1/8"	2"	1/8"	26.47
30037	.0625	1/16"	1.588	1/8"	2"	3/16"	26.47
30047	.0938	3/32"	2.383	1/8"	2"	1/4"	26.47
30057	.1250	1/8"	3.175	1/8"	2"	3/8"	20.19
30067	.1562	5/32"	3.967	3/16"	2-1/2"	7/16"	29.32
30077	.1875	3/16"	4.763	3/16"	2-1/2"	1/2"	25.53
30087	.2188	7/32"	5.558	1/4"	2-1/2"	9/16"	33.93
30607	.2362		6.000	6.0	65	16	32.84
30097	.2500	1/4"	6.350	1/4"	2-1/2"	5/8"	31.63
30107	.3125	5/16"	7.938	5/16"	3-1/2"	3/4"	45.97
30117	.3750	3/8"	9.525	3/8"	3-1/2"	3/4"	55.01
30127	.4375	7/16"	11.113	7/16"	4"	7/8"	74.22
30137	.5000	1/2"	12.700	1/2"	4"	1"	81.24

70

35

MATERIAL HARDNESS (Rc)

0