



TOLERANCES	
$d1$	+0.000" -0.002" (+0.000mm -0.050mm)
$d2$	h6
r	+0.001" -0.001" (+0.025 -0.025mm)

Variable Helix End Mill

AlCrN Coating

Solid submicron grain carbide end mill - center cutting

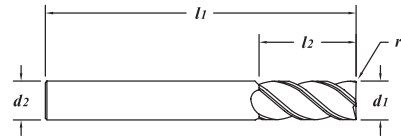
Chip splitter to help break long chips

Effective for trochoidal milling

Staggered flutes to control harmonics

Variable flute design helps with chip evacuation in slots and pockets

PCT (Polish Carbide Treatment) enhances tool life



EDP#		$d1$ †		$d2$	$l1$	$l2$	r					
(plain)	(weldon)	Decimal	Diameter	Shank Diameter	Overall Length	Flute Length	Corner Radius	1-11	12-24	25-49	50-100	
50800	-	.4724		12.000	12.0	100	42	1.0	90.48	86.55	82.61	78.68
50805	-	.5000	1/2"		1/2"	3"	1"	.020"	75.59	72.30	69.02	65.73
50810	-	.5000	1/2"		1/2"	3"	1-1/4"	.020"	75.59	72.30	69.02	65.73
50815	-	.5000	1/2"		1/2"	3"	1-1/4"	.030"	75.59	72.30	69.02	65.73
50820	-	.5000	1/2"		1/2"	3"	1-1/4"	.090"	75.59	72.30	69.02	65.73
50825	-	.5000	1/2"		1/2"	4"	1-1/2"	.010"	88.29	84.45	80.61	76.77
50830	-	.5000	1/2"		1/2"	4"	1-5/8"	-	83.52	79.89	76.26	72.63
50835	-	.5000	1/2"		1/2"	4"	2-1/8"	-	83.52	79.89	76.26	72.63
50840	-	.6250	5/8"		5/8"	3-1/2"	1-1/4"	.030"	118.09	112.96	107.82	102.69
50845	-	.6250	5/8"		5/8"	4"	2-1/8"	.030"	127.77	122.21	116.66	111.10
50850	-	.7500	3/4"		3/4"	4"	1-1/2"	.120"	166.65	159.40	152.16	144.91
50855	-	.7500	3/4"		3/4"	5"	2-1/8"	.030"	228.37	218.44	208.51	198.58
50860	-	.7500	3/4"		3/4"	6"	3-1/4"	.030"	269.92	258.18	246.45	234.71