



Niagara Cutter

AN345 - 3 Flutes 45° Helix Solid Carbide Single-End Mill *Elite* Series
for Aluminum
Center-Cutting, Neck-Down

Cylindrical Land
Full Form Ground Flute Shape
Eccentric Primary Relief
Extra-Fine Grain Solid Carbide
With Radius (.015-.020 on TiCN coated only)
and TiCN Microshield Coating
Provides Increased Rigidity, Less Deflection,
Chatter Reduction, Higher Metal Removal
Rates, Improved Surface Finish
Designed for Slotting, Pocketing and Long
Reach Peripheral Milling Applications
Weldon Flat

Flute Diameter Tolerances : **+0.000"/-0.002"**
Shank Diameter Tolerances : **-0.0001"/-0.0004"**
Overall Length Tolerances : **+/-0.060"**
Length of Cut Tolerances
[1/16",5/16"] **+0.030"/-0.000"**
[21/64",1"] **+0.060"/-0.000"**
Helix Angle : **45°**

Flute Diam.	Shank Diam.	Length Of Cut	Neck Reach	Neck Dia.	Overall Length	#F	Uncoat	TiCN
1/4	1/4	3/8	2-1/8	.240	4	3	18597	18614
5/16	5/16	7/16	2-1/8	.300	4	3	18598	18615
3/8	3/8	3/8	1-1/8	.360	2-1/2	3	18599	18616
3/8	3/8	1/2	2-1/8	.360	4	3	18600	18617
3/8	3/8	1/2	4-1/8	.360	6	3	18601	18618
1/2	1/2	1/2	1-3/8	.480	3	3	18602	18619
1/2	1/2	5/8	2-1/8	.480	4	3	18603	18620
1/2	1/2	5/8	4-1/8	.480	6	3	18604	18621
5/8	5/8	3/4	2	.600	4	3	18605	18622
5/8	5/8	3/4	4	.600	6	3	18606	18623
3/4	3/4	3/4	1-3/4	.720	4	3	18607	18624
3/4	3/4	1	2-1/2	.720	5	3	18608	18625
3/4	3/4	1	3-1/2	.720	6	3	18609	18626
3/4	3/4	1	4-1/8	.720	7	3	18610	18627
1	1	1-1/4	2-1/2	.960	5	3	18611	18628
1	1	1-1/4	3-1/2	.960	6	3	18612	18629
1	1	1-1/4	4-1/4	.960	7	3	18613	18630