



Niagara Cutter

AR330 - 3 Flutes 30° Helix Solid Carbide Single-End Mill *Elite* Series
for Aluminum and Non-Ferrous Materials
Roughing End-Mill, Center-Cutting

30° Helix
Maximum Metal Removal Rates
Optimal Feed Rates
Standard with Chamfer
Form Ground Flutes
True Form Relieved Geometry
Tough Extra-Fine Grain Carbide
Weldon Flat on Shank Sizes $\geq 3/8"$

Flute Diameter Tolerances : **+0.000"/-0.003"**
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 : **30°**

								Suggested	
Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	Chamfer Width	#F	Uncoat	TiN	TiCN	TiAlN
1/4	1/4	3/8	2	0.020	3	76194	76210	76226	76242
1/4	1/4	3/4	2-1/2	0.020	3	76195	76211	76227	76243
5/16	5/16	7/16	2	0.020	3	76196	76212	76228	76244
5/16	5/16	13/16	2-1/2	0.020	3	76197	76213	76229	76245
3/8	3/8	1/2	2	0.020	3	76198	76214	76230	76246
3/8	3/8	1	2-1/2	0.020	3	76199	76215	76231	76247
7/16	7/16	9/16	2-1/2	0.020	3	76200	76216	76232	76248
7/16	7/16	1	2-3/4	0.020	3	76201	76217	76233	76249
1/2	1/2	5/8	2-1/2	0.025	3	76202	76218	76234	76250
1/2	1/2	1-1/4	3	0.025	3	76203	76219	76235	76251
5/8	5/8	3/4	3	0.025	3	76204	76220	76236	76252
5/8	5/8	1-5/8	3-1/2	0.025	3	76205	76221	76237	76253
3/4	3/4	1	3	0.025	3	76206	76222	76238	76254
3/4	3/4	1-5/8	4	0.025	3	76207	76223	76239	76255
1	1	1-1/4	4	0.025	3	76208	76224	76240	76256
1	1	2	4	0.025	3	76209	76225	76241	76257