



Niagara Cutter

**AN340** - 3 Flutes 40° Helix Solid Carbide Single-End Mill  
for Aluminum  
Center-Cutting, Neck-Down

3 Flute Design for Smoother/Quieter  
Milling Operations  
Roughing and Finishing Capabilities  
Maximum 1XD Axial Depth-of-cut for  
HSM Applications  
Wiper Flat on End Teeth for Improved  
Surface Finish on the Floor of Part  
Cylindrical Land to Reduce Chatter  
TiCN Coating with Surface Prep to  
Reduce Built-up Edge

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 : **40°**

Flute Diam.	Shank Diam.	Length Of Cut	Reach Length	Neck Dia.	Overall Length	Radius	#F	Uncoat	TiCN
3/16	3/16	1/4	9/16	0.178	2	0.010	3	57881	57910
3/16	3/16	1/4	1-9/16	0.178	3	0.010	3	57882	57911
1/4	1/4	5/16	3/4	0.240	2-1/2	0.010	3	57884	57913
1/4	1/4	5/16	1-3/4	0.240	3-1/4	0.010	3	57885	57914
3/8	3/8	1/2	7/8	0.360	2-1/2	0.015	3	57888	57917
3/8	3/8	1/2	1-3/8	0.360	3	0.015	3	57889	57918
3/8	3/8	1/2	2-3/8	0.360	4	0.015	3	57890	57919
1/2	1/2	5/8	1-1/8	0.480	3	0.020	3	57893	57922
1/2	1/2	5/8	2-1/8	0.480	4	0.020	3	57894	57923
1/2	1/2	5/8	3-1/8	0.480	5	0.020	3	57895	57924
5/8	5/8	3/4	1-1/2	0.600	3-1/2	0.025	3	57897	57926
5/8	5/8	3/4	2-1/2	0.600	5	0.025	3	57898	57927
3/4	3/4	1	1-7/8	0.720	4	0.030	3	57901	57930
3/4	3/4	1	2-7/8	0.720	5	0.030	3	57902	57931
3/4	3/4	1	3-7/8	0.720	6	0.030	3	57903	57932
1	1	1-1/4	1-5/8	0.960	4	0.040	3	57906	57935
1	1	1-1/4	2-5/8	0.960	5	0.040	3	57907	57936
1	1	1-1/4	3-5/8	0.960	6	0.040	3	57908	57937