



**Niagara Cutter**

**STBN430** - 4 Flutes 30° Helix Solid Carbide Single-End Mill  
for Carbon Steels, Tool Steels, Alloy Steels & Cast Irons  
Stabilizer-GP, Center-Cutting, Ball-End, Neck-Down

Eccentric Primary Relief  
Extra-Fine Grain Carbide  
Weldon Flat on Shank Sizes  $\geq 3/8"$   
Microshield TiAlN Coating Standard

Flute Diameter Tolerances :  $+0.000"/-0.002"$   
Shank Diameter Tolerances :  $-0.0001"/-0.0004"$   
Overall Length Tolerances :  $\pm 0.060"$   
Length of Cut Tolerances  
[1/16", 5/16"]  $+0.030"/-0.000"$   
[21/64", 1"]  $+0.060"/-0.000"$   
Helix Angle : 30°

Flute Diam.	Shank Diam.	Length Of Cut	Neck	Neck Diam	Overall Length	#F	TiAlN
1/4	1/4	3/8	2-1/8	0.240	4	4	60754
5/16	5/16	7/16	2-1/8	0.300	4	4	60755
3/8	3/8	1/2	2-1/8	0.360	4	4	60756
3/8	3/8	1/2	4-1/8	0.360	6	4	60757
7/16	7/16	9/16	2-1/8	0.420	4	4	60758
7/16	7/16	9/16	4-1/8	0.420	6	4	60759
1/2	1/2	5/8	2-1/8	0.480	4	4	60760
1/2	1/2	5/8	3-1/8	0.480	5	4	60761
1/2	1/2	5/8	4-1/8	0.480	6	4	60762
5/8	5/8	3/4	2-1/8	0.600	4	4	60763
5/8	5/8	3/4	3-1/8	0.600	5	4	60764
5/8	5/8	3/4	4	0.600	6	4	60765
3/4	3/4	1	2	0.720	4	4	60766
3/4	3/4	1	3	0.720	5	4	60767
3/4	3/4	1	4	0.720	6	4	60768
1	1	1-1/4	3	0.960	5	4	60769
1	1	1-1/4	4	0.960	6	4	60770