



Niagara Cutter

**STBN440** - 4 Flutes 40° Helix Solid Carbide Single-End Mill  
for Steel, Stainless, Titanium & High Temperature Alloys  
Stabilizer-HT, Center-Cutting, Ball-End, Neck-Down

Eccentric Primary Relief  
Extra-Fine Grain Carbide  
Weldon Flat on Shank Sizes  $\geq 3/8$ "  
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 : 40°

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	57542
5/16	5/16	7/16	2-1/8	0.300	4	4	57543
3/8	3/8	1/2	2-1/8	0.360	4	4	57544
3/8	3/8	1/2	4-1/8	0.360	6	4	57545
7/16	7/16	9/16	2-1/8	0.420	4	4	57546
7/16	7/16	9/16	4-1/8	0.420	6	4	57547
1/2	1/2	5/8	2-1/8	0.480	4	4	57548
1/2	1/2	5/8	3-1/8	0.480	5	4	57549
1/2	1/2	5/8	4-1/8	0.480	6	4	57550
5/8	5/8	3/4	2-1/8	0.600	4	4	57551
5/8	5/8	3/4	3-1/8	0.600	5	4	57552
5/8	5/8	3/4	4	0.600	6	4	57553
3/4	3/4	1	2	0.720	4	4	57554
3/4	3/4	1	3	0.720	5	4	57555
3/4	3/4	1	4	0.720	6	4	57556
1	1	1-1/4	3	0.960	5	4	57557
1	1	1-1/4	4	0.960	6	4	57558