



Niagara Cutter

STS430 - 4 Flutes 30° Helix Solid Carbide Single-End Mill
for Carbon Steels, Tool Steels, Alloy Steels & Cast Irons
Stabilizer-GP, Center-Cutting

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	Overall Length	#F	TiAlN
1/8	1/8	1/8	1-1/2	4	60650
5/32	3/16	3/16	2	4	60652
3/16	3/16	3/16	2	4	60654
7/32	1/4	1/4	2	4	60656
1/4	1/4	1/4	2	4	60658
5/16	5/16	5/16	2	4	60661
1/8	1/8	3/8	1-1/2	4	60651
3/8	3/8	3/8	2	4	60664
5/32	3/16	7/16	2	4	60653
3/16	3/16	7/16	2	4	60655
7/32	1/4	7/16	2-1/2	4	60657
7/16	7/16	7/16	2-1/2	4	60667
1/4	1/4	1/2	2-1/2	4	60659
1/2	1/2	1/2	2-1/2	4	60670
9/32	5/16	5/8	2-1/2	4	60660
5/8	5/8	5/8	3	4	60673
3/4	3/4	3/4	3	4	60675
5/16	5/16	13/16	2-1/2	4	60662
11/32	3/8	13/16	2-1/2	4	60663
3/8	3/8	7/8	2-1/2	4	60665
13/32	7/16	15/16	2-3/4	4	60666
7/16	7/16	1	2-3/4	4	60668
15/32	1/2	1	3	4	60669
1/2	1/2	1	3	4	60671
1	1	1	4	4	60677
9/16	9/16	1-1/8	3-1/2	4	60672
1/2	1/2	1-1/4	3	4	57330



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Flute Diam.	Shank Diam.	Overall Length	Length Of Cut	#F	TiAlN
5/8	5/8	1-1/4	3-1/2	4	60674
11/16	3/4	1-3/8	4	4	57331
3/4	3/4	1-1/2	4	4	60676
1	1	1-1/2	4	4	60678
13/16	7/8	1-5/8	4	4	57332
7/8	7/8	1-3/4	4	4	57333
15/16	1	1-7/8	4	4	57334
1	1	2	5	4	57335
1-1/4	1-1/4	2-1/4	5	4	57336