



Niagara Cutter

STR440 - 4 Flutes 40° Helix Solid Carbide Single-End Mill
for Steel, Stainless, Titanium & High Temperature Alloys
Stabilizer-HT, Center-Cutting, Radius

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 : ± 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	Overall Length	Radius	#F	TiAlN
1/8	1/8	1/8	1-1/2	0.008-0.010	4	57453
1/8	1/8	3/8	1-1/2	0.008-0.010	4	57454
5/32	3/16	3/16	2	0.008-0.010	4	57455
5/32	3/16	7/16	2	0.008-0.010	4	57456
3/16	3/16	3/16	2	0.008-0.010	4	57457
3/16	3/16	7/16	2	0.008-0.010	4	57458
7/32	1/4	1/4	2	0.015-0.020	4	57459
7/32	1/4	7/16	2-1/2	0.015-0.020	4	57460
1/4	1/4	1/4	2	0.015-0.020	4	57461
1/4	1/4	1/2	2-1/2	0.015-0.020	4	57462
9/32	5/16	5/8	2-1/2	0.015-0.020	4	57463
5/16	5/16	5/16	2	0.015-0.020	4	57464
5/16	5/16	13/16	2-1/2	0.015-0.020	4	57465
11/32	3/8	13/16	2-1/2	0.015-0.020	4	57466
3/8	3/8	3/8	2	0.015-0.020	4	57467
3/8	3/8	7/8	2-1/2	0.015-0.020	4	57468
13/32	7/16	15/16	2-3/4	0.015-0.020	4	57469
7/16	7/16	7/16	2-1/2	0.015-0.020	4	57470
7/16	7/16	1	2-3/4	0.015-0.020	4	57471
15/32	1/2	1	3	0.030-0.035	4	57472
1/2	1/2	1/2	2-1/2	0.030-0.035	4	57473
1/2	1/2	1	3	0.030-0.035	4	57474
1/2	1/2	1-1/4	3	0.030-0.035	4	57475
9/16	9/16	1-1/8	3-1/2	0.030-0.035	4	57476
5/8	5/8	5/8	3	0.030-0.035	4	57477
5/8	5/8	1-1/4	3-1/2	0.030-0.035	4	57478
11/16	3/4	1-3/8	4	0.030-0.035	4	57479



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Flute Diam.	Shank Diam.	Overall Length	Length Of Cut	Radius	#F	TiAlN
3/4	3/4	3/4	3	0.030-0.035	4	57480
3/4	3/4	1-1/2	4	0.030-0.035	4	57481
13/16	7/8	1-5/8	4	0.030-0.035	4	57482
7/8	7/8	1-3/4	4	0.030-0.035	4	57483
15/16	1	1-7/8	4	0.030-0.035	4	57484
1	1	1	4	0.030-0.035	4	57485
1	1	1-1/2	4	0.030-0.035	4	57486
1	1	2	5	0.030-0.035	4	57487
1-1/4	1-1/4	2-1/4	5	0.030-0.035	4	57488