



Niagara Cutter

C230R - 2 Flutes 30° Helix Solid Carbide Single-End Mill
for General Purpose
Center-Cutting, Corner Radius

Microshield HM TiAlN Coating
Full CNC Ground
Ultra High Transverse Rupture Strength
Radius Tolerance +/- .002
Extra-Fine Grain Carbide

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 : **30°**

Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	Radius	#F	TiAlN
1/8	1/8	1/2	1-1/2	0.015	2	85343-015
3/16	3/16	5/8	2	0.015	2	85347-015
1/4	1/4	3/4	2-1/2	0.015	2	85351-015
5/16	5/16	13/16	2-1/2	0.015	2	85355-015
3/8	3/8	1	2-1/2	0.015	2	85359-015
7/16	7/16	1	2-3/4	0.015	2	85363-015
1/2	1/2	1	3	0.015	2	85367-015
5/8	5/8	1-1/4	3-1/2	0.015	2	85369-015
3/4	3/4	1-1/2	4	0.015	2	85371-015
1	1	1-1/2	4	0.015	2	85373-015
1/8	1/8	1/2	1-1/2	0.020	2	85343-020
3/16	3/16	5/8	2	0.020	2	85347-020
1/4	1/4	3/4	2-1/2	0.020	2	85351-020
5/16	5/16	13/16	2-1/2	0.020	2	85355-020
3/8	3/8	1	2-1/2	0.020	2	85359-020
7/16	7/16	1	2-3/4	0.020	2	85363-020
1/2	1/2	1	3	0.020	2	85367-020
5/8	5/8	1-1/4	3-1/2	0.020	2	85369-020
3/4	3/4	1-1/2	4	0.020	2	85371-020
1	1	1-1/2	4	0.020	2	85373-020
1/4	1/4	3/4	2-1/2	0.030	2	85351-030
5/16	5/16	13/16	2-1/2	0.030	2	85355-030
3/8	3/8	1	2-1/2	0.030	2	85359-030
7/16	7/16	1	2-3/4	0.030	2	85363-030
1/2	1/2	1	3	0.030	2	85367-030
5/8	5/8	1-1/4	3-1/2	0.030	2	85369-030
3/4	3/4	1-1/2	4	0.030	2	85371-030



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Flute Diam.	Shank Diam.	Overall Length	Length Of Cut	Radius	#F	TiAlN
1	1	1-1/2	4	0.030	2	85373-030
1/4	1/4	3/4	2-1/2	0.045	2	85351-045
5/16	5/16	13/16	2-1/2	0.045	2	85355-045
3/8	3/8	1	2-1/2	0.045	2	85359-045
7/16	7/16	1	2-3/4	0.045	2	85363-045
1/2	1/2	1	3	0.045	2	85367-045
5/8	5/8	1-1/4	3-1/2	0.045	2	85369-045
3/4	3/4	1-1/2	4	0.045	2	85371-045
1	1	1-1/2	4	0.045	2	85373-045
7/16	7/16	1	2-3/4	0.060	2	85363-060
1/2	1/2	1	3	0.060	2	85367-060
5/8	5/8	1-1/4	3-1/2	0.060	2	85369-060
3/4	3/4	1-1/2	4	0.060	2	85371-060
1	1	1-1/2	4	0.060	2	85373-060
7/16	7/16	1	2-3/4	0.090	2	85363-090
1/2	1/2	1	3	0.090	2	85367-090
5/8	5/8	1-1/4	3-1/2	0.090	2	85369-090
3/4	3/4	1-1/2	4	0.090	2	85371-090
1	1	1-1/2	4	0.090	2	85373-090
7/16	7/16	1	2-3/4	0.125	2	85363-125
1/2	1/2	1	3	0.125	2	85367-125
5/8	5/8	1-1/4	3-1/2	0.125	2	85369-125
3/4	3/4	1-1/2	4	0.125	2	85371-125
1	1	1-1/2	4	0.125	2	85373-125
3/4	3/4	1-1/2	4	0.190	2	85371-190
1	1	1-1/2	4	0.190	2	85373-190