



Niagara Cutter

SR420 - Multi Flutes 20° Helix Solid Carbide Single-End Mill *Elite* Series
for Steel & Stainless Steel
Roughing End-Mill, Center-Cutting

Advanced Flute Geometries
Standard with Corner Chamfer Radius
Ultra High Transverse Rupture Strength
Ideal for Slotting
Extra-Fine Grain Carbide
Weldon Flat on Shank Sizes $\geq 3/8"$

Flute Diameter Tolerances : **+0.000"/-0.003"**
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 : **20°**

									Suggested
Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	Chamfer Width	#F	Uncoat	TiN	TiCN	TiAlN
1/4	1/4	3/8	2	0.020	4	76130	76146	76162	76178
1/4	1/4	3/4	2 1/2	0.020	4	76131	76147	76163	76179
5/16	5/16	7/16	2	0.020	4	76132	76148	76164	76180
5/16	5/16	13/16	2 1/2	0.020	4	76133	76149	76165	76181
3/8	3/8	1/2	2	0.020	4	76134	76150	76166	76182
3/8	3/8	1	2 1/2	0.020	4	76135	76151	76167	76183
7/16	7/16	9/16	2 1/2	0.020	4	76136	76152	76168	76184
7/16	7/16	1	2 3/4	0.020	4	76137	76153	76169	76185
1/2	1/2	5/8	2 1/2	0.025	4	76138	76154	76170	76186
1/2	1/2	1 1/4	3	0.025	4	76139	76155	76171	76187
5/8	5/8	3/4	3	0.025	4	76140	76156	76172	76188
5/8	5/8	1 5/8	3 1/2	0.025	4	76141	76157	76173	76189
3/4	3/4	1	3	0.025	4	76142	76158	76174	76190
3/4	3/4	1 5/8	4	0.025	4	76143	76159	76175	76191
1	1	1 1/4	4	0.025	5	76144	76160	76176	76192
1	1	2	4	0.025	5	76145	76161	76177	76193