



Niagara Cutter

SB335 - 3 Flutes 35° Helix Solid Carbide Single-End Mill *Elite* Series
for Steel, Stainless, Titanium & High Temperature Alloys
Center-Cutting, Ball-End

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

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 : **35°**

								Suggested
Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	TiCN	TiAlN
1/8	1/8	1/4	1-1/2	3	66134	66162	66190	66218
1/8	1/8	1/2	1-1/2	3	66135	66163	66191	66219
5/32	3/16	5/16	2	3	66136	66164	66192	66220
5/32	3/16	9/16	2	3	66137	66165	66193	66221
3/16	3/16	5/16	2	3	66138	66166	66194	66222
3/16	3/16	9/16	2	3	66139	66167	66195	66223
7/32	1/4	3/8	2	3	66140	66168	66196	66224
7/32	1/4	3/4	2-1/2	3	66141	66169	66197	66225
1/4	1/4	3/8	2	3	66142	66170	66198	66226
1/4	1/4	3/4	2-1/2	3	66143	66171	66199	66227
9/32	5/16	7/16	2	3	66144	66172	66200	66228
9/32	5/16	13/16	2-1/2	3	66145	66173	66201	66229
5/16	5/16	7/16	2	3	66146	66174	66202	66230
5/16	5/16	13/16	2-1/2	3	66147	66175	66203	66231
11/32	3/8	1/2	2	3	66148	66176	66204	66232
11/32	3/8	1	2-1/2	3	66149	66177	66205	66233
3/8	3/8	1/2	2	3	66150	66178	66206	66234
3/8	3/8	1	2-1/2	3	66151	66179	66207	66235
7/16	7/16	9/16	2-1/2	3	66152	66180	66208	66236
7/16	7/16	1	2-3/4	3	66153	66181	66209	66237
1/2	1/2	5/8	2-1/2	3	66154	66182	66210	66238
1/2	1/2	1-1/4	3	3	66155	66183	66211	66239
5/8	5/8	3/4	3	3	66156	66184	66212	66240
5/8	5/8	1-5/8	3-1/2	3	66157	66185	66213	66241
3/4	3/4	1	3	3	66158	66186	66214	66242
3/4	3/4	1-5/8	4	3	66159	66187	66215	66243



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Flute Diam.	Shank Diam.	Overall Length	Length Of Cut	#F	Uncoat	TiN	TiCN	TiAlN
1	1	1-1/4	3	3	66160	66188	66216	66244
1	1	2	4	3	66161	66189	66217	66245