



Niagara Cutter

SB470 - Multi Flutes 30° Helix HSS Single-End Mill
for General Purpose
Center-Cutting, Ball-End

Designed for all Materials
Profile / Slotting / Contour
Weldon Flat

Flute Diameter Tolerances : **+0.001"/-0.000"**
Shank Diameter Tolerances : **-0.0001"/-0.0005"**
Overall Length Tolerances : **+/-0.062"**
Length of Cut Tolerances
[1/16",5/16"] **+0.031"/-0.000"**
[21/64",1"] **+0.031"/-0.000"**
Helix Angle : **30°**

Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	Suggested		
						TiN	TiCN	TiAlN
1/4	3/8	5/8	2-7/16	4	47081	47080	88525	30122
1/4	3/8	1	2-13/16	4	47082	47083	88526	30123
1/4	3/8	1-1/4	3-1/16	4	48081	48080	88538	30102
1/4	3/8	1-3/4	3-9/16	4	49081	49080	88553	30082
5/16	3/8	3/4	2-1/2	4	47101	47100	88527	30124
5/16	3/8	1-3/8	3-1/8	4	48101	48100	88539	30103
5/16	3/8	2	3-3/4	4	49101	49100	88554	30083
3/8	3/8	3/4	2-1/2	4	47121	47120	88528	30125
3/8	3/8	1-1/2	3-1/4	4	48121	48120	88540	30104
3/8	3/8	2	3-3/4	4	48122	48123	88541	30105
3/8	3/8	2-1/2	4-1/4	4	49121	49120	88555	30084
1/2	1/2	1	3	4	47163	47161	88530	30126
1/2	1/2	1-1/4	3-1/4	4	47162	47160	88529	30127
1/2	1/2	2	4	4	48162	48160	88542	30106
1/2	1/2	2-1/2	4-1/2	4	48163	48168	88543	30107
1/2	1/2	3	5	4	49162	49160	88556	30085
5/8	5/8	1-1/4	3-3/8	4	47204	47201	88532	30128
5/8	5/8	1-5/8	3-3/4	4	47203	47200	88531	30129
5/8	5/8	2-1/2	4-5/8	4	48203	48200	88544	30108
5/8	5/8	3	5-1/8	4	48204	48201	88545	30109
5/8	5/8	4	6-1/8	4	49203	49200	88557	30086
3/4	3/4	1-5/8	3-7/8	4	47244	47240	88533	30130
3/4	3/4	2-1/4	4-1/2	4	48245	48241	88547	30110
3/4	3/4	3	5-1/4	4	48244	48240	88546	30111
3/4	3/4	4	6-1/4	4	49244	49240	88558	30087
3/4	3/4	4-1/2	6-3/4	4	49245	49241	88559	30088



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						TiN	TiCN	TiAlN
7/8	7/8	1-7/8	4-1/8	4	47285	47280	88534	30131
1	1	2	4-1/2	4	47326	47320	88535	30132
1	1	3	5-1/2	4	48327	48321	88549	30112
1	1	4	6-1/2	4	48326	48320	88548	30113
1	1	5	7-1/2	4	49327	49321	88561	30089
1	1	6	8-1/2	4	49326	49320	88560	30090
1-1/4	1-1/4	2	4-1/2	4	47407	47400	88536	30133
1-1/4	1-1/4	3	5-1/2	4	48408	48401	88551	30114
1-1/4	1-1/4	4	6-1/2	6	48407	48400	88550	30115
1-1/4	1-1/4	6	8-1/2	4	49408	49401	88563	30091
1-1/4	1-1/4	6	8-1/2	6	49407	49400	88562	30092
1-1/2	1-1/4	2	4-1/2	4	47487	47480	88537	30134
1-1/2	1-1/4	4	6-1/2	6	48487	48480	88552	30116
1-1/2	1-1/4	8	10-1/2	6	49487	49480	88564	30093