



Niagara Cutter

SMM850 - 4 Flutes 30° Helix HSS Single-End Mill
for General Purpose
Non-Center-Cutting, Metric Flute, Imperial Shank

Designed for all Materials
Profile / Slotting
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
3mm	3/8	3/8	2-5/16	4	85030	85031	89277	87243
3.5mm	3/8	1/2	2-3/8	4	85035	85036	89278	87244
4mm	3/8	1/2	2-3/8	4	85040	85041	89279	87245
4.5mm	3/8	1/2	2-3/8	4	85045	85046	89280	87246
5mm	3/8	1/2	2-3/8	4	85050	85051	89281	87247
5.5mm	3/8	5/8	2-7/16	4	85055	85056	89282	87248
6mm	3/8	5/8	2-7/16	4	85060	85061	89283	87249
6.5mm	3/8	5/8	2-7/16	4	85065	85066	89284	87250
7mm	3/8	5/8	2-7/16	4	85070	85071	89285	87251
7.5mm	3/8	3/4	2-1/2	4	85075	85076	89286	87252
8mm	3/8	3/4	2-1/2	4	85080	85081	89287	87253
8.5mm	3/8	3/4	2-1/2	4	85085	85086	89288	87254
9mm	3/8	3/4	2-1/2	4	85090	85091	89289	87255
9.5mm	3/8	3/4	2-1/2	4	85095	85096	89290	87256
10mm	3/8	1	2-11/16	4	85100	85101	89291	87257
10.5mm	3/8	1	2-11/16	4	85105	85106	89292	87258
11mm	3/8	1	2-11/16	4	85110	85111	89293	87259
11.5mm	3/8	1	2-11/16	4	85115	85116	89294	87260
12mm	3/8	1	2-11/16	4	85120	85121	89295	87261
12.5mm	1/2	1-1/4	3-1/4	4	85125	85126	89296	87262
13mm	1/2	1-1/4	3-1/4	4	85130	85131	89297	87263
13.5mm	1/2	1-3/8	3-3/8	4	85135	85136	89298	87264
14mm	1/2	1-3/8	3-3/8	4	85140	85141	89299	87265
14.5mm	1/2	1-3/8	3-3/8	4	85145	85146	89300	87266
15mm	1/2	1-3/8	3-3/8	4	85150	85151	89301	87267
16mm	5/8	1-5/8	3-3/4	4	85160	85161	89302	87268



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Flute Diam.	Shank Diam.	Overall Length	Length Of Cut	#F	Uncoat	Suggested		
						TiN	TiCN	TiAlN
17mm	5/8	1-5/8	3-3/4	4	85170	85171	89303	87269
18mm	3/4	1-5/8	3-7/8	4	85180	85181	89304	87270
19mm	3/4	1-5/8	3-7/8	4	85190	85191	89305	87271
20mm	3/4	1-7/8	4-1/8	4	85200	85201	89306	87272
21mm	7/8	1-7/8	4-1/8	4	85210	85211	89307	87273
22mm	7/8	1-7/8	4-1/8	4	85220	85221	89308	87274
23mm	7/8	1-7/8	4-1/8	4	85230	85231	89309	87275
24mm	1	2	4-1/2	4	85240	85241	89310	87276
25mm	1	2	4-1/2	4	85250	85251	89311	87277