



Niagara Cutter

C230 - 2 Flutes 30° Helix Solid Carbide Single-End Mill
for General Purpose
Center-Cutting

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	#F	Uncoat	TiN	TiCN	Suggested
								TiAlN
1/64	1/8	1/32	1-1/2	2	85260	98000	85298	85336
1/32	1/8	5/64	1-1/2	2	85261	98001	85299	85337
1/32	1/8	3/32	1-1/2	2	54012	54014	54016	54018
3/64	1/8	7/64	1-1/2	2	85262	98002	85300	85338
3/64	1/8	1/8	1-1/2	2	54013	54015	54017	54019
1/16	1/8	1/8	1-1/2	2	85408	98203	85241	85434
1/16	1/8	3/16	1-1/2	2	85263	98003	85301	85339
1/16	1/8	1/4	1-1/2	2	55334	55366	55398	55430
5/64	1/8	3/16	1-1/2	2	85264	98004	85302	85340
5/64	1/8	1/4	1-1/2	2	55335	55367	55399	55431
3/32	1/8	3/16	1-1/2	2	85409	98205	85422	85435
3/32	1/8	9/32	1-1/2	2	85265	98005	85303	85341
3/32	1/8	3/8	1-1/2	2	55336	55368	55400	55432
7/64	1/8	3/8	1-1/2	2	85266	98006	85304	85342
1/8	1/8	1/4	1-1/2	2	85410	98207	85423	85436
1/8	1/8	1/2	1-1/2	2	85267	98007	85305	85343
1/8	1/8	5/8	2	2	55337	55369	55401	55433
1/8	1/8	3/4	3	2	55338	55370	55402	55434
1/8	1/8	1	3	2	55339	55371	55403	55435
9/64	3/16	1/2	2	2	85268	98008	85306	85344
5/32	3/16	5/16	2	2	85411	98209	85424	85437
5/32	3/16	1/2	2	2	85269	98009	85307	85345
11/64	3/16	5/8	2	2	85270	98010	85308	85346
3/16	3/16	3/8	2	2	85412	98211	85425	85438
3/16	3/16	5/8	2	2	85271	98011	85309	85347
3/16	3/16	3/4	2-1/2	2	85448	98811	85466	85484



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Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	TiCN	TiAlN
3/16	3/16	1	3	2	55340	55372	55404	55346
3/16	3/16	1	4	2	55341	55373	55405	55437
3/16	3/16	1-1/8	3	2	85449	98813	85467	85485
13/64	1/4	5/8	2-1/2	2	85272	98012	85310	85348
7/32	1/4	7/16	2	2	85413	98213	85426	85439
7/32	1/4	5/8	2-1/2	2	85273	98013	85311	85349
15/64	1/4	3/4	2-1/2	2	85274	98014	85312	85350
1/4	1/4	1/2	2	2	85414	98215	85427	85440
1/4	1/4	3/4	2-1/2	2	85275	98015	85313	85351
1/4	1/4	1	3	2	55342	55374	55406	55438
1/4	1/4	1	4	2	55343	55375	55407	55439
1/4	1/4	1-1/8	3	2	85450	98815	85468	85486
1/4	1/4	1-1/2	4	2	85451	98817	85469	85487
1/4	1/4	1-1/2	6	2	55344	55376	55408	55440
17/64	5/16	3/4	2-1/2	2	85276	98016	85314	85352
9/32	5/16	3/4	2-1/2	2	85277	98017	85315	85353
19/64	5/16	13/16	2-1/2	2	85278	98018	85316	85354
5/16	5/16	1/2	2	2	85415	98219	85428	85441
5/16	5/16	13/16	2-1/2	2	85279	98019	85317	85355
5/16	5/16	1	3	2	55345	55377	55409	55441
5/16	5/16	1	4	2	55346	55378	55410	55442
5/16	5/16	1-1/8	3	2	85452	98819	85470	85488
5/16	5/16	1-1/2	6	2	55347	55379	55411	55443
5/16	5/16	1-5/8	4	2	85453	98821	85471	85489
21/64	3/8	1	2-1/2	2	85280	98020	85318	85356
11/32	3/8	1	2-1/2	2	85281	98021	85319	85357
23/64	3/8	1	2-1/2	2	85282	98022	85320	85358
3/8	3/8	5/8	2	2	85416	98223	85429	85442
3/8	3/8	1	2-1/2	2	85283	98023	85321	85359
3/8	3/8	1	3	2	55348	55380	55412	55444
3/8	3/8	1	4	2	55349	55381	55413	55445
3/8	3/8	1-1/8	3	2	85454	98823	85472	85490
3/8	3/8	1-1/2	6	2	55350	55382	55414	55446



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Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	TiCN	TiAlN
3/8	3/8	1-3/4	4	2	85455	98825	85473	85491
3/8	3/8	2	4	2	55351	55383	55415	55447
3/8	3/8	3	6	2	55352	55384	55416	55448
25/64	7/16	1	2-3/4	2	85284	98024	85322	85360
13/32	7/16	1	2-3/4	2	85285	98025	85323	85361
27/64	7/16	1	2-3/4	2	85286	98026	85324	85362
7/16	7/16	5/8	2-1/2	2	85417	98227	85430	85443
7/16	7/16	1	2-3/4	2	85287	98027	85325	85363
7/16	7/16	1	4	2	55353	55385	55417	55449
7/16	7/16	1-1/2	6	2	55354	55386	55418	55450
7/16	7/16	2	4	2	55355	55387	55419	55451
7/16	7/16	2	4-1/2	2	85456	98827	85474	85492
7/16	7/16	3	6	2	85457	98829	85475	85493
29/64	1/2	1	3	2	85288	98028	85326	85364
15/32	1/2	1	3	2	85289	98029	85327	85365
31/64	1/2	1	3	2	85290	98030	85328	85366
1/2	1/2	5/8	2-1/2	2	85418	98231	85431	85444
1/2	1/2	1	3	2	85291	98031	85329	85367
1/2	1/2	1	4	2	55356	55388	55420	55452
1/2	1/2	1-1/2	6	2	55357	55389	55421	55453
1/2	1/2	2	4	2	55358	55390	55422	55454
1/2	1/2	2	4-1/2	2	85458	98831	85476	85494
1/2	1/2	3	6	2	85459	98833	85477	85495
9/16	9/16	1-1/8	3-1/2	2	85292	98035	85330	85368
9/16	9/16	2	6	2	55359	55391	55423	55455
9/16	9/16	3	6	2	55360	55392	55424	55456
5/8	5/8	3/4	3	2	85419	98239	85432	85445
5/8	5/8	1-1/4	3-1/2	2	85293	98039	85331	85369
5/8	5/8	2	6	2	55361	55393	55425	55457
5/8	5/8	2-1/4	5	2	85460	98835	85478	85496
5/8	5/8	3	6	2	85461	98839	85479	85497
11/16	3/4	1-3/8	4	2	85294	98043	85332	85370
3/4	3/4	1	3	2	85420	98247	85433	85446

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Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	TiCN	TiAlN
3/4	3/4	1-1/2	4	2	85295	98047	85333	85371
3/4	3/4	2	6	2	55362	55394	55426	55458
3/4	3/4	2-1/4	5	2	85462	98843	85480	85498
3/4	3/4	3	6	2	85463	98847	85481	85499
3/4	3/4	4	7	2	55363	55395	55427	55459
7/8	7/8	1-1/2	4	2	85296	98055	85334	85372
1	1	1-1/2	4	2	85297	98063	85335	85373
1	1	2	6	2	55364	55396	55428	55460
1	1	2-1/4	5	2	85464	98848	85482	85500
1	1	3	6	2	85465	98849	85483	85501
1	1	4	7	2	55365	55397	55429	55461