



Niagara Cutter

**C430** - 4 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	4	85503	98100	85541	85579
1/32	1/8	5/64	1-1/2	4	85504	98101	85542	85580
1/32	1/8	3/32	1-1/2	4	55666	55708	55750	55792
3/64	1/8	7/64	1-1/2	4	85505	98102	85543	85581
3/64	1/8	1/8	1-1/2	4	55667	55709	55751	55793
1/16	1/8	1/8	1-1/2	4	85652	98303	85665	85678
1/16	1/8	3/16	1-1/2	4	85506	98103	85544	85582
1/16	1/8	1/4	1-1/2	4	55668	55710	55752	55794
5/64	1/8	3/16	1-1/2	4	85507	98104	85545	85583
5/64	1/8	1/4	1-1/2	4	55671	55713	55755	55797
3/32	1/8	3/16	1-1/2	4	85653	98305	85666	85679
3/32	1/8	9/32	1-1/2	4	85508	98105	85546	85584
3/32	1/8	3/8	1-1/2	4	55672	55714	55756	55798
7/64	1/8	3/8	1-1/2	4	85509	98106	85547	85585
1/8	1/8	1/4	1-1/2	4	85654	98307	85667	85680
1/8	1/8	1/2	1-1/2	4	85510	98107	85548	85586
1/8	1/8	5/8	2	4	55675	55717	55759	55801
1/8	1/8	3/4	3	4	55676	55718	55760	55802
1/8	1/8	1	3	4	55677	55719	55761	55803
9/64	3/16	1/2	2	4	85511	98108	85549	85587
5/32	3/16	5/16	2	4	85655	98309	85668	85681
5/32	3/16	1/2	2	4	85512	98109	85550	85588
11/64	3/16	5/8	2	4	85513	98110	85551	85589
3/16	3/16	3/8	2	4	85656	98311	85669	85682
3/16	3/16	5/8	2	4	85514	98111	85552	85590
3/16	3/16	3/4	2-1/2	4	85692	98861	85710	85728



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Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	TiCN	TiAlN
3/16	3/16	1	3	4	55679	55721	55763	55805
3/16	3/16	1	4	4	55680	55722	55764	55806
3/16	3/16	1-1/8	3	4	85693	98863	85711	85729
13/64	1/4	5/8	2-1/2	4	85515	98112	85553	85591
7/32	1/4	7/16	2	4	85657	98313	85670	85683
7/32	1/4	5/8	2-1/2	4	85516	98113	85554	85592
15/64	1/4	3/4	2-1/2	4	85517	98114	85555	85593
1/4	1/4	1/2	2	4	85658	98315	85671	85684
1/4	1/4	3/4	2-1/2	4	85518	98115	85556	85594
1/4	1/4	1	3	4	55681	55723	55765	55807
1/4	1/4	1	4	4	55682	55724	55766	55808
1/4	1/4	1-1/8	3	4	85694	98865	85712	85730
1/4	1/4	1-1/2	4	4	85695	98867	85713	85731
1/4	1/4	1-1/2	6	4	55683	55725	55767	55809
17/64	5/16	3/4	2-1/2	4	85519	98116	85557	85595
9/32	5/16	3/4	2-1/2	4	85520	98117	85558	85596
19/64	5/16	13/16	2-1/2	4	85521	98118	85559	85597
5/16	5/16	1/2	2	4	85659	98319	85672	85685
5/16	5/16	13/16	2-1/2	4	85522	98119	85560	85598
5/16	5/16	1	3	4	55684	55726	55768	55810
5/16	5/16	1	4	4	55685	55727	55769	55811
5/16	5/16	1-1/8	3	4	85696	98869	85714	85732
5/16	5/16	1-1/2	6	4	55686	55728	55770	55812
5/16	5/16	1-5/8	4	4	85697	98871	85715	85733
21/64	3/8	1	2-1/2	4	85523	98120	85561	85599
11/32	3/8	1	2-1/2	4	85524	98121	85562	85600
23/64	3/8	1	2-1/2	4	85525	98122	85563	85601
3/8	3/8	5/8	2	4	85660	98323	85673	85686
3/8	3/8	1	2-1/2	4	85626	98123	85564	85602
3/8	3/8	1	3	4	55687	55729	55771	55813
3/8	3/8	1	4	4	55688	55730	55772	55814
3/8	3/8	1-1/8	3	4	85698	98873	85716	85734
3/8	3/8	1-1/2	6	4	55689	55731	55773	55815



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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	4	85699	98875	85717	85735
3/8	3/8	2	4	4	55690	55732	55774	55816
3/8	3/8	3	6	4	55691	55733	55775	55817
25/64	7/16	1	2-3/4	4	85527	98124	85565	85603
13/32	7/16	1	2-3/4	4	85528	98125	85566	85604
27/64	7/16	1	2-3/4	4	85529	98126	85567	85605
7/16	7/16	5/8	2-1/2	4	85661	98327	85674	85687
7/16	7/16	1	2-3/4	4	85530	98127	85568	85606
7/16	7/16	1	4	4	55692	55734	55776	55818
7/16	7/16	1-1/2	6	4	55693	55735	55777	55819
7/16	7/16	2	4	4	55694	55736	55778	55820
7/16	7/16	2	4-1/2	4	85700	98877	85718	85736
7/16	7/16	3	6	4	85701	98879	85719	85737
29/64	1/2	1	3	4	85531	98128	85569	85607
15/32	1/2	1	3	4	85532	98129	85570	85608
31/64	1/2	1	3	4	85533	98130	85571	85609
1/2	1/2	5/8	2-1/2	4	85662	98331	85675	85688
1/2	1/2	1	3	4	85534	98131	85572	85610
1/2	1/2	1	4	4	55695	55737	55779	55821
1/2	1/2	1-1/2	6	4	55696	55738	55780	55822
1/2	1/2	2	4	4	55697	55739	55781	55823
1/2	1/2	2	4-1/2	4	85702	98881	85720	85738
1/2	1/2	3	6	4	85703	98883	85721	85739
9/16	9/16	1-1/8	3-1/2	4	85535	98135	85573	85611
9/16	9/16	2	6	4	55698	55740	55782	55824
9/16	9/16	3	6	4	55699	55741	55783	55825
5/8	5/8	3/4	3	4	85663	98339	85676	85689
5/8	5/8	1-1/4	3-1/2	4	85536	98139	85574	85612
5/8	5/8	2-1/4	5	4	85704	98887	85722	85740
5/8	5/8	2	6	4	55700	55742	55784	55826
5/8	5/8	3	6	4	85705	98889	85723	85741
11/16	3/4	1-3/8	4	4	85537	98143	85575	85613
3/4	3/4	1	3	4	85664	98347	85677	85690



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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	4	85538	98147	85576	85614
3/4	3/4	2-1/4	5	4	85706	98895	85724	85742
3/4	3/4	2	6	4	55701	55743	55785	55827
3/4	3/4	3	6	4	85707	98897	85725	85743
3/4	3/4	4	6	4	55702	55744	55786	55828
7/8	7/8	1-1/2	4	4	85539	98155	85577	85615
1	1	1	3	4	55703	55745	55787	55829
1	1	1-1/2	4	4	85540	98163	85578	85616
1	1	2	6	4	55704	55746	55788	55830
1	1	2-1/4	5	4	85708	98898	85726	85744
1	1	3	6	4	85709	98899	85727	85745
1	1	4	6	4	55705	55747	55789	55831
1-1/4	1-1/4	2	4-1/2	4	55706	55748	55790	55832
1-1/4	1-1/4	3	6	4	55707	55749	55791	55833