



Niagara Cutter

A337 - 3 Flutes 37° Helix HSS Single-End Mill
for Aluminum
Center-Cutting

M7 High Speed Steel
Full CNC Ground
Eccentric Relief
Cylindrical Land
Low Ra Finishes on Cutting Edges
Reduces Chatter and Squeal
Weldon Flat

Flute Diameter Tolerances : **+0.001"/-0.000"**
Shank Diameter Tolerances : **-0.0001"/-0.0005"**
Overall Length Tolerances : **+0.062"/-0.000"**
Length of Cut Tolerances
[1/16",5/16"] **+0.031"/-0.000"**
[21/64",1"] **+0.031"/-0.000"**
Helix Angle : **37°**

Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	Suggested	
							TiCN	TiAlN
3/16	3/8	1/2	2-3/8	3	33800	33801	33802	63428
1/4	3/8	3/8	2-3/16	3	33803	33804	33805	63429
1/4	3/8	5/8	2-7/16	3	33806	33807	33808	63430
1/4	3/8	1-1/4	3-1/16	3	33809	33810	33811	63431
1/4	3/8	1-3/4	3-9/16	3	33812	33813	33814	63432
5/16	3/8	3/8	2-1/8	3	33815	33816	33817	63433
5/16	3/8	3/4	2-1/2	3	33818	33819	33820	63434
5/16	3/8	1-3/8	3-1/8	3	33821	33822	33823	63435
5/16	3/8	2	3-3/4	3	33824	33825	33826	63436
3/8	3/8	3/8	2-1/8	3	33827	33828	33829	63437
3/8	3/8	3/4	2-1/2	3	33830	33831	33832	63438
3/8	3/8	1-1/2	3-1/4	3	33833	33834	33835	63439
3/8	3/8	2-1/2	4-1/4	3	33836	33837	33838	63440
7/16	1/2	1/2	2-1/2	3	33839	33840	33841	63441
7/16	1/2	1-1/4	3-1/4	3	33842	33843	33844	63442
7/16	1/2	1-3/4	3-3/4	3	33845	33846	33847	63443
7/16	1/2	2-3/4	4-3/4	3	33848	33849	33850	63444
1/2	1/2	1/2	2-1/2	3	33851	33852	33853	63445
1/2	1/2	1-1/4	3-1/4	3	33854	33855	33856	63446
1/2	1/2	2	4	3	33857	33858	33859	63447
1/2	1/2	3	5	3	33860	33861	33862	63448
5/8	5/8	5/8	2-3/4	3	33863	33864	33865	63449
5/8	5/8	1-5/8	3-3/4	3	33866	33867	33868	63450
5/8	5/8	2	4-1/8	3	33869	33870	33871	63451
5/8	5/8	2-1/2	4-5/8	3	33872	33873	33874	63452
5/8	5/8	3	5-1/8	3	33875	33876	33877	63453



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Flute Diam.	Shank Diam.	Overall Length	Length Of Cut	#F	Uncoat	TiN	Suggested	
							TiCN	TiAlN
3/4	3/4	3/4	3	3	33878	33879	33880	63454
3/4	3/4	1-5/8	3-7/8	3	33881	33882	33883	63455
3/4	3/4	2-1/4	4-1/2	3	33884	33885	33886	63456
3/4	3/4	3	5-1/4	3	33887	33888	33889	63457
3/4	3/4	4	6-1/4	3	33890	33891	33892	63458
7/8	7/8	1-7/8	4-1/8	3	33893	33894	33895	63459
1	1	1	3-1/2	3	33896	33897	33898	63460
1	1	2	4-1/2	3	33899	33900	33901	63461
1	1	3	5-1/2	3	33902	33903	33904	63462
1	1	4	6-1/2	3	33905	33906	33907	63463
1	1	6	8-1/2	3	33908	33909	33910	63464
1-1/4	1-1/4	2	4-1/2	3	33911	33912	33913	63465
1-1/4	1-1/4	3	5-1/2	3	33914	33915	33916	63466
1-1/4	1-1/4	4	6-1/2	3	33917	33918	33919	63467
1-1/4	1-1/4	6	8-1/2	3	33920	33921	33922	63468
1-1/2	1-1/4	2	4-1/2	3	33923	33924	33925	63469
1-1/2	1-1/4	3	5-1/2	3	33926	33927	33928	63470
1-1/2	1-1/4	4	6-1/2	3	33929	33930	33931	63471
1-1/2	1-1/4	6	8-1/2	3	33932	33933	33934	63472
2	1-1/4	2	4-1/2	3	33935	33936	33937	63473
2	1-1/4	3	5-1/2	3	33938	33939	33940	63474
2	1-1/4	4	6-1/2	3	33941	33942	33943	63475
2	1-1/4	6	8-1/2	3	33944	33945	33946	63476
2	2	2	5-3/4	3	33947	33948	33949	63477
2	2	4	7-3/4	3	33950	33951	33952	63478
2	2	6	9-3/4	3	33953	33954	33955	63479
2	2	8	11-3/4	3	33956	33957	33958	63480