



Niagara Cutter

A245 - 2 Flutes 45° Helix Solid Carbide Single-End Mill *Elite* Series
for Aluminum
Center-Cutting

Full Form Ground Flute
Eccentric Primary Relief
Ultra High Transverse Rupture Strength
Cylindrical Land
Extra-Fine Grain Carbide
Ideal for Slotting
Weldon Flat on Shank Sizes $\geq 3/8$ "

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 : 45°

Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	Suggested	
							TiCN	TiAlN
1/8	1/8	1/4	1-1/2	2	61350	61396	61442	61488
1/8	1/8	3/8	1-1/2	2	61351	61397	61443	61489
5/32	3/16	5/16	2	2	61352	61398	61444	61490
5/32	3/16	1/2	2	2	61353	61399	61445	61491
3/16	3/16	5/16	2	2	61354	61400	61446	61492
3/16	3/16	9/16	2	2	61355	61401	61447	61493
7/32	1/4	3/8	2-1/2	2	61356	61402	61448	61494
7/32	1/4	3/4	2-1/2	2	61357	61403	61449	61495
1/4	1/4	3/8	2-1/2	2	61358	61404	61450	61496
1/4	1/4	3/4	2-1/2	2	61359	61405	61451	61497
1/4	1/4	1-1/4	4	2	61360	61406	61452	61498
9/32	5/16	7/16	2-1/2	2	61361	61407	61453	61499
9/32	5/16	13/16	2-1/2	2	61362	61408	61454	61500
5/16	5/16	7/16	2-1/2	2	61363	61409	61455	61501
5/16	5/16	13/16	2-1/2	2	61364	61410	61456	61502
5/16	5/16	1-1/4	3-1/2	2	61365	61411	61457	61503
5/16	5/16	2-1/4	4	2	61366	61412	61458	61504
11/32	3/8	1/2	2-1/2	2	61367	61413	61459	61505
11/32	3/8	1	2-1/2	2	61368	61414	61460	61506
3/8	3/8	1/2	2-1/2	2	61369	61415	61461	61507
3/8	3/8	1	2-1/2	2	61370	61416	61462	61508
3/8	3/8	1-1/2	4	2	61371	61417	61463	61509
13/32	7/16	9/16	2-3/4	2	61372	61418	61464	61510
13/32	7/16	1	2-3/4	2	61373	61419	61465	61511
7/16	7/16	9/16	2-3/4	2	61374	61420	61466	61512



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Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	Suggested	
							TiCN	TiAlN
7/16	7/16	1	2-3/4	2	61375	61421	61467	61513
15/32	1/2	5/8	3	2	61376	61422	61468	61514
15/32	1/2	1-1/4	3	2	61377	61423	61469	61515
1/2	1/2	5/8	3	2	61378	61424	61470	61516
1/2	1/2	1-1/4	3	2	61379	61425	61471	61517
1/2	1/2	2	4	2	61380	61426	61472	61518
1/2	1/2	3-1/8	6	2	61381	61427	61473	61519
5/8	5/8	3/4	3	2	61382	61428	61474	61520
5/8	5/8	1-5/8	3-1/2	2	61383	61429	61475	61521
5/8	5/8	2-1/2	5	2	61384	61430	61476	61522
5/8	5/8	3-3/4	6	2	61385	61431	61477	61523
3/4	5/8	1	3	2	61386	61432	61478	61524
3/4	5/8	1-5/8	4	2	61387	61433	61479	61525
3/4	5/8	2-1/4	5	2	61388	61434	61480	61526
3/4	5/8	3-1/4	6	2	61389	61435	61481	61527
3/4	5/8	4	6-1/2	2	61390	61436	61482	61528
1	1	1-1/4	4	2	61391	61437	61483	61529
1	1	2	4	2	61392	61438	61484	61530
1	1	2-5/8	6	2	61393	61439	61485	61531
1	1	3-1/4	6	2	61394	61440	61486	61532
1	1	4-1/8	7	2	61395	61441	61487	61533