



Niagara Cutter

**AB245** - 2 Flutes 45° Helix Solid Carbide Single-End Mill *Elite* Series  
for Aluminum and Non-Ferrous Materials  
Center-Cutting, Ball-End

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 :  $\pm 0.060$ "  
Length of Cut Tolerances  
[1/16",5/16"]  $+0.030$ "/ $-0.000$ "  
[21/64",1"]  $+0.060$ "/ $-0.000$ "  
Helix Angle : 45°

							Suggested	
Flute Diam.	Shank Diam.	Length Of Cut	Overall Length	#F	Uncoat	TiN	TiCN	TiAlN
1/4	1/4	3/8	2-1/2	2	66070	66086	66102	66118
1/4	1/4	3/4	2-1/2	2	66071	66087	66103	66119
5/16	5/16	7/16	2-1/2	2	66072	66088	66104	66120
5/16	5/16	13/16	2-1/2	2	66073	66089	66105	66121
3/8	3/8	1/2	2-1/2	2	66074	66090	66106	66122
3/8	3/8	1	2-1/2	2	66075	66091	66107	66123
7/16	7/16	9/16	2-3/4	2	66076	66092	66108	66124
7/16	7/16	1	2-3/4	2	66077	66093	66109	66125
1/2	1/2	5/8	3	2	66078	66094	66110	66126
1/2	1/2	1-1/4	3	2	66079	66095	66111	66127
5/8	5/8	3/4	3-1/5	2	66080	66096	66112	66128
5/8	5/8	1-5/8	3-1/5	2	66081	66097	66113	66129
3/4	3/4	1	3	2	66082	66098	66114	66130
3/4	3/4	1-5/8	4	2	66083	66099	66115	66131
1	1	1-1/4	4	2	66084	66100	66116	66132
1	1	2	4	2	66085	66101	66117	66133