



Niagara Cutter

AL337 - 3 Flutes 37° Helix HSS Single-End Mill
for Aluminum
Center-Cutting, Neck-Down, Extended Reach

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. | Reach | Length Of Cut | Overall Length | #F | Uncoat | TiN | Suggested | |
|-------------|-------------|-------|---------------|----------------|----|--------|-------|-----------|-------|
| | | | | | | | | TiCN | TiAlN |
| 1/2 | 1/2 | 4 | 6 | 1-1/4 | 3 | 08688 | 08714 | 08738 | 32042 |
| 5/8 | 5/8 | 5 | 7-1/8 | 1 | 3 | 08694 | 08718 | 08746 | 32043 |
| 3/4 | 3/4 | 6 | 8-1/4 | 1/2 | 3 | 08698 | 08726 | 08748 | 32044 |
| 1 | 1 | 8 | 10-1/2 | 2-1/2 | 3 | 08706 | 08728 | 08754 | 32045 |
| 1-1/4 | 1-1/4 | 10 | 12-1/2 | 12-1/2 | 3 | 08708 | 08734 | 08758 | 32046 |