



**STB430** - 4 Flutes 30° Helix Solid Carbide Single-End Mill  
for Carbon Steels, Tool Steels, Alloy Steels & Cast Irons  
Stabilizer-GP, Center-Cutting, Ball-End

Eccentric Primary Relief  
Extra-Fine Grain Carbide  
Weldon Flat on Shank Sizes  $\geq 3/8$ "  
Microshield TiAlN Coating Standard

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 : 30°

| Flute Diam. | Shank Diam. | Length Of Cut | Overall Length | #F | TiAlN |
|-------------|-------------|---------------|----------------|----|-------|
| 1/8         | 1/8         | 1/8           | 1-1/2          | 4  | 60708 |
| 1/8         | 1/8         | 3/8           | 1-1/2          | 4  | 60709 |
| 5/32        | 3/16        | 3/16          | 2              | 4  | 60710 |
| 3/16        | 3/16        | 3/16          | 2              | 4  | 60712 |
| 5/32        | 3/16        | 7/16          | 2              | 4  | 60711 |
| 3/16        | 3/16        | 7/16          | 2              | 4  | 60713 |
| 7/32        | 1/4         | 1/4           | 2              | 4  | 60714 |
| 1/4         | 1/4         | 1/4           | 2              | 4  | 60716 |
| 7/32        | 1/4         | 7/16          | 2-1/2          | 4  | 60715 |
| 1/4         | 1/4         | 1/2           | 2-1/2          | 4  | 60717 |
| 5/16        | 5/16        | 5/16          | 2              | 4  | 60719 |
| 9/32        | 5/16        | 5/8           | 2-1/2          | 4  | 60718 |
| 5/16        | 5/16        | 13/16         | 2-1/2          | 4  | 60720 |
| 3/8         | 3/8         | 3/8           | 2              | 4  | 60722 |
| 11/32       | 3/8         | 13/16         | 2-1/2          | 4  | 60721 |
| 3/8         | 3/8         | 7/8           | 2-1/2          | 4  | 60723 |
| 7/16        | 7/16        | 7/16          | 2-1/2          | 4  | 60725 |
| 13/32       | 7/16        | 15/16         | 2-3/4          | 4  | 60724 |
| 7/16        | 7/16        | 1             | 2-3/4          | 4  | 60726 |
| 1/2         | 1/2         | 1/2           | 2-1/2          | 4  | 60728 |
| 15/32       | 1/2         | 1             | 3              | 4  | 60727 |
| 1/2         | 1/2         | 1             | 3              | 4  | 60729 |
| 1/2         | 1/2         | 1-1/4         | 3              | 4  | 57344 |
| 9/16        | 9/16        | 1-1/8         | 3-1/2          | 4  | 60730 |
| 5/8         | 5/8         | 5/8           | 3              | 4  | 60731 |
| 5/8         | 5/8         | 1-1/4         | 3-1/2          | 4  | 60732 |
| 3/4         | 3/4         | 3/4           | 3              | 4  | 60733 |
| 11/16       | 3/4         | 1-3/8         | 4              | 4  | 57345 |



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| Flute<br>Diam. | Shank<br>Diam. | Length<br>Of Cut | Overall<br>Length | #F | TiAlN |
|----------------|----------------|------------------|-------------------|----|-------|
| 3/4            | 3/4            | 1-1/2            | 4                 | 4  | 60734 |
| 13/16          | 7/8            | 1-5/8            | 4                 | 4  | 57346 |
| 7/8            | 7/8            | 1-3/4            | 4                 | 4  | 57347 |
| 1              | 1              | 1                | 4                 | 4  | 60735 |
| 1              | 1              | 1-1/2            | 4                 | 4  | 60736 |
| 15/16          | 1              | 1-7/8            | 4                 | 4  | 57348 |
| 1              | 1              | 2                | 5                 | 4  | 57349 |
| 1-1/4          | 1-1/4          | 2-1/4            | 5                 | 4  | 57350 |