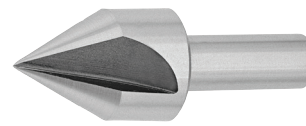


### 3-Flute Countersinks HSS — 60°, 82°, 90°, 100°



| Flute Dia. (in.) | Shank Dia. (in.) | Shank Length (in.) | Overall Length (in.) | 60° HSS Code No. | Price \$ | 82° HSS Code No. | Price \$ | 90° HSS Code No. | Price \$ | 100° HSS Code No. | Price \$ |
|------------------|------------------|--------------------|----------------------|------------------|----------|------------------|----------|------------------|----------|-------------------|----------|
| 1/4              | 3/16             | 3/4                | 1-1/2                | 120795           | 15.84    | 120804           | 15.84    | 120813           | 15.84    | 120822            | 15.37    |
| 3/8              | 1/4              | 7/8                | 1-3/4                | 120796           | 21.77    | 120805           | 21.77    | 120814           | 21.77    | 120823            | 21.77    |
| 1/2              | 3/8              | 1                  | 2                    | 120797           | 27.75    | 120806           | 27.75    | 120815           | 26.38    | 120824            | 27.75    |
| 5/8              | 3/8              | 1                  | 2-1/4                | 120798           | 41.56    | 120807           | 41.56    | 120816           | 41.56    | 120825            | 41.56    |
| 3/4              | 1/2              | 1-1/4              | 2-5/8                | 120799           | 45.55    | 120808           | 45.55    | 120817           | 45.55    | 120826            | 45.55    |
| 1                | 1/2              | 1-1/4              | 2-3/4                | 120800           | 81.14    | 120809           | 81.14    | 120818           | 81.14    | 120827            | 82.63    |
| 1-1/4            | 3/4              | 1-1/4              | 3                    | 120801           | 130.62   | 120976           | 117.41   | 120819           | 130.62   | 120828            | 145.54   |
| 1-1/2            | 3/4              | 1-1/4              | 3                    | 120802           | 180.09   | 120811           | 180.09   | 120820           | 180.09   | 120829            | 179.51   |
| 2                | 3/4              | 1-1/4              | 3-1/4                | 120803           | 296.85   | 120812           | 296.85   | 120821           | 296.85   | 120830            | 216.54   |

### 3-Flute Countersinks HSS



| Flute Dia. (in.) | Shank Dia. (in.) | Overall Length (in.) | 82° HSS Code No. | Price \$ | 90° HSS Code No. | Price \$ |
|------------------|------------------|----------------------|------------------|----------|------------------|----------|
| 1/4              | 1/4              | 1-3/4                | 121038           | 32.88    | 121050           | 34.06    |
| 3/8              | 1/4              | 1-7/8                | 121040           | 40.91    | 121052           | 40.91    |
| 1/2              | 3/8              | 2-1/8                | 121042           | 46.36    | 121054           | 46.36    |
| 3/4              | 1/2              | 2-7/16               | 121044           | 91.96    | 121056           | 91.98    |
| 1                | 1/2              | 2-5/8                | 121046           | 102.42   | 121058           | 102.42   |

### 4-Flute Machine Countersinks HSS



| Flute Dia. (in.) | Shank Dia. (in.) | Shank Length (in.) | Overall Length (in.) | 60° Code No. | Price \$ | 82° Code No. | Price \$ | 90° Code No. | Price \$ |
|------------------|------------------|--------------------|----------------------|--------------|----------|--------------|----------|--------------|----------|
| 1/2              | 1/2              | 2-1/4              | 3-7/8                | 120831       | 67.29    | 120950       | 67.29    | 120845       | 67.29    |
| 5/8              | 1/2              | 2-1/4              | 4                    | 120832       | 77.18    | 120955       | 77.18    | -            | -        |
| 3/4              | 1/2              | 2-1/4              | 4-1/8                | 120833       | 96.97    | 120960       | 98.95    | 120847       | 96.97    |
| 7/8              | 1/2              | 2-1/4              | 4-1/4                | 120834       | 106.91   | 120965       | 78.80    | 120848       | 106.91   |
| 1                | 1/2              | 2-1/4              | 4-3/8                | 120835       | 118.73   | 120970       | 118.73   | 120849       | 118.73   |
| 1-1/4            | 1/2              | 2-1/4              | 5                    | 120836       | 182.06   | 120975       | 180.09   | 120851       | 180.09   |
| 1-1/2            | 1/2              | 2-1/4              | 5-3/8                | 120837       | 219.66   | 120980       | 221.64   | 120853       | 221.64   |

### 3-Flute 82° Countersinks HSS



| Dia. (in.) | Shank Dia. (in.) | Code No. | Price \$ |
|------------|------------------|----------|----------|
| 1/2        | 1/2              | 120951   | 18.87    |
| 5/8        | 1/2              | 120956   | 29.82    |
| 3/4        | 1/2              | 120961   | 33.39    |
| 1          | 1/2              | 120971   | 107.00   |
| 1-1/4      | 3/4              | 120976   | 117.41   |
| 1-1/2      | 3/4              | 120981   | 213.79   |



GS Tooling  
Drill Chucks

High precision with  
premium tolerance  
for improved life.

See Pages G70-71