

Thread Rolling Holders & Dies

Create Rapid Thread Forms At Industry Standards

Thread rolling is a quick way to create standard right hand and left hand metric, UNC, and UNF thread forms. This new line of product compliments bar stocks up to 17mm and come in styles supporting both 2 and 3 dies. VDI, HSK, and straight shank types are available and come in several sizes.



Medical • Automotive • Aerospace

Thread Rolling Die Holders

| Part No. | Max Bar Stock Ø | Head Ø | Head Length | Thread Type | Tool Type | # Of Thread Dies | Available Shanks |
|----------|-----------------|--------|-------------|-------------|-----------------|------------------|---|
| F001 | 7.0mm | 40mm | 65.4mm | Right Hand | Static | 3 | Straight Shank: 16mm, 20mm, .625in, .75in |
| F001L | 7.0mm | 40mm | 65.4mm | Left Hand | Static | 3 | |
| F0 | 11.5mm | 50mm | 46.0mm | Right Hand | Static | 2 | Straight Shank: 20mm, 25mm, .75in, 1.0in, 1.25in |
| F0L C1 | 11.5mm | 50mm | 46.0mm | Left Hand | Static | 2 | |
| K0 C1 | 11.5mm | 55mm | 46.0mm | Right Hand | Static/Rotating | 2 | |
| K0L C1 | 11.5mm | 55mm | 46.0mm | Left Hand | Static/Rotating | 2 | |
| F1 EVO | 17.0mm | 64mm | 61.0mm | Right Hand | Static | 3 | VDI Shanks: 20mm, 25mm, 30mm HSK Shanks: HSK-A63 |
| F1L EVO | 17.0mm | 64mm | 61.0mm | Left Hand | Static | 3 | |
| K1 EVO | 17.0mm | 64mm | 61.0mm | Right Hand | Static/Rotating | 3 | |
| K1L EVO | 17.0mm | 64mm | 61.0mm | Left Hand | Static/Rotating | 3 | |

Thread Rolling Dies



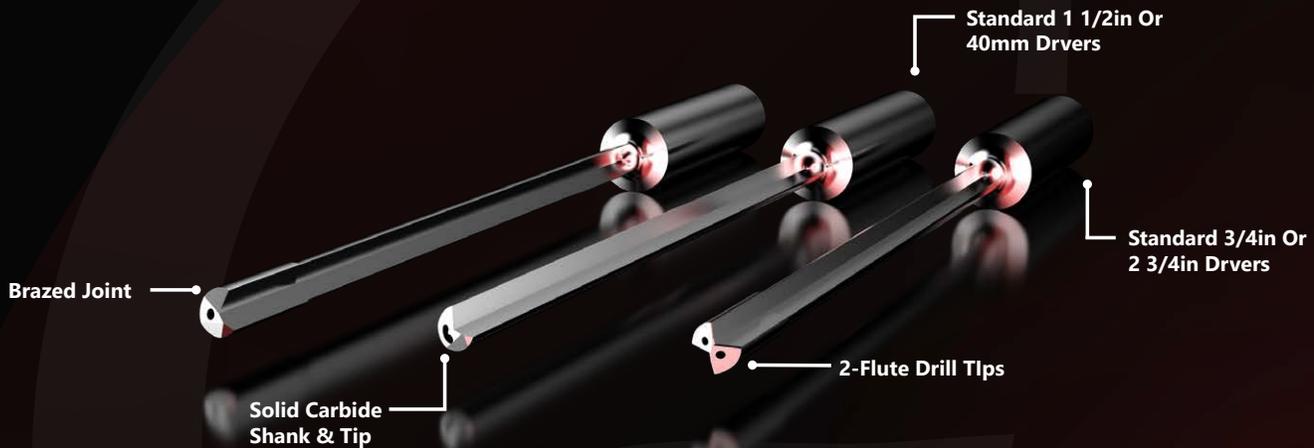
| Thread Roll Die Standard | Size Range | # Of Leads |
|--------------------------|-----------------------|------------|
| Metric | 1.4x0.3 to 10.0x1.5 | 1 or 2 |
| Metric Fine Pitch | 8.0x0.75 to 11.0x1.25 | 1 or 2 |
| UNC | 1-64 to 12-24 | 1 or 2 |
| UNF | 0-80 to 7/16-20 | 1 or 2 |

**Left & Right Hand
Forms Are Available**

High Precision Gun Drills

For Applications That Require Holes Of Extreme Length

When your application requires a precision drilled deep hole up to 256x's the diameter, gun drills are the tool for the job. GenSwiss provides both solid carbide and standard steel standard sized drills with diameters down to 5/64in and OAL's as long as 48in. Custom drills can be ordered and designed with the proper material intended for the application. Gun drills are available with coolant-thru holes for high pressure coolant.



Medical • Automotive • Aerospace

Standard 1-Flute

| Diameter (in) | OALs (in) |
|---------------|------------------------|
| 5/64 | 6, 10 |
| 3/32 | 6, 10, 16 |
| 7/64 | 6, 10, 16, 28 |
| 1/8 | 10, 16, 22 |
| 9/64 | 10, 16, 22 |
| 5/32 | 10, 16, 22 |
| 11/64 | 10, 16, 22 |
| 3/16 | 10, 16, 22, 28, 36, 48 |
| 13/64 | 10, 16, 22, 28, 36 |
| 7/32 | 10, 16, 22, 28, 36 |
| 15/64 | 10, 16, 22, 28, 36 |
| 1/4 | 10, 16, 22, 28, 36, 48 |

Solid Carbide, Standard 1-Flute

| Diameter Range (in) | OAL Range (in) |
|---------------------|----------------|
| .0450-.0619 | 4.0 - 6.5 |
| .0530-.0619 | 4.0 - 7.8 |
| .0620-.0759 | 4.0 - 11.5 |
| .0760-.0849 | 5.0 - 11.5 |
| .0850-.1059 | 5.0 - 11.5 |
| .1060-.1399 | 6.0 - 11.5 |

- No Brazed Joint
- Increased Strength & Rigidity
- Maximum Feed Rates
- Better Tool Life

Custom TWINMASTER 2-Flute

| Diameter Range (in) | OAL (in) |
|---------------------|----------|
| .197-.500 | To Order |
| .501-.750 | To Order |

- Faster Feed Rates
- Double the Coolant For Chip Evacuation



- Brazed Joint

