

## Thread Rolling Line Card

Customers who prefer to supply their own machined parts and blanks, rely on us to help engineer their parts to accommodate rolled threads and knurls. **Let us help you with your thread rolling requirements.**

### Select Approvals

AS9100/ISO9000, US DoD QSLM Fastener Supplier, System 22/23 Gaging, AS Specifications (e.g. AS7460, AS7466), Pratt & Whitney Aircraft, GE Aviation, Collins Aerospace, Kaman Aerospace, Bell, SpaceX

### Thread Rolling

**Thread types:** 60° thread form/machine screw type threads, Safety Critical Threads

**Forms:** UNR, UNF, UNC, UNJ, UNJF, UNJC (classes 1A, 2A, 3A, 5A)

**Metric forms:** ISO and DIN (classes 6g and 4g6g)

**Sizes:** .078 inch (2mm) to 2.500 inch (63mm)

**Material Hardness:** Up to Rc45 depending on material type and size

### Thread Inspection

We maintain a large inventory of English standard and metric thread gages. Typical industry specifications include AS8879, MIL-S-7742, Handbook H28, and ANSI specifications.

### Thread Laboratory & Testing

Our in-house laboratory performs metallographic examinations of rolled threads to aerospace, military, and customer specifications. We test for external and internal defects.

### Centerless and Cylindrical Grinding

Most parts are centerless grind to a super-accurate pre-roll thread blank diameter. We also offer centerless and cylindrical grinding services for non-threaded components.

### Roll Knurling

**Knurl Types:** Circular and Diametral Pitch, Straight, Diagonal, Diamond

**Circular Pitches/TPI (teeth per inch):** 12, 16, 20, 25, 30, 35, 40, 50, 80, special

**Diametral Pitches (DP):** 64, 96, 128, 160, special

**Sizes:** .040 inch (1mm) to 1.500 inch (38mm)

**Material Hardness:** Up to Rc42 depending on material type and size

