

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

