

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.

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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

