

MICRO-PRECISION COMPONENTS



precisionexpedited.com

Small, tight-tolerance parts, Swiss turned to print.

Pins, screws, shafts, cannulated parts, connectors, and small machined components for medical devices. Precision Expedited sources Swiss turning, CNC milling, wire EDM, and finishing through a vetted vendor network that includes ISO 13485 certified manufacturing partners and holds ± 0.001 " on critical features. One contact keeps the inspection plan the same from prototype lot to production.

How We Review It

Your project manager and a technical lead review every print within 24 hours. For small parts we check GD&T feasibility at the feature size, thread and bore callouts, and inspection methods, then route the job to a shop with Swiss capacity and the gauging to prove the part.

What We Source

Matched to shops with Swiss capacity open now.

- **Pins + Shafts** · Swiss turned
- **Medical Screws** · Threaded to print
- **Cannulated Parts** · Through-bores, tight concentricity
- **Connector Components** · Turned and milled
- **Bushings + Spacers** · Stainless and PEEK
- **Cross-Holes + Slots** · Secondary milling
- **Valve + Fluidic Parts** · Small machined bodies
- **Prototype Lots** · Same plan as production

Specifications

- **Tolerances:** ± 0.001 " on critical features
- **Materials:** 316L, 17-4 PH, Ti-6Al-4V, PEEK, Delrin
- **Processes:** Swiss turning, CNC milling, wire EDM
- **Finishes:** Passivation, electropolish, laser marking
- **Documentation:** Material certs, FAI, inspection records
- **Quote review:** Within 24 hours

Before It's Built

Most of the risk in a small part sits in features you can't see without magnification. We check concentricity and runout against the bar size, threads that need gauging spelled out, and burr requirements on cross-holes, then confirm how each critical feature gets measured. You hear about it before the quote goes out.

Quality + Compliance

ISO 13485 Compliant

ISO 9001:2015

FAI on request

AS9100D Compliant

Tolerances to ± 0.001 "

Inspection before shipment

Material certs every order

Built Fast. Built Right.

Send us your files.

Scan or visit precisionexpedited.com/contact

