MICRO-PRECISION COMPONENTS



PRECISION EXPEDITED

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 manufacturing partners operating under ISO 13485 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**