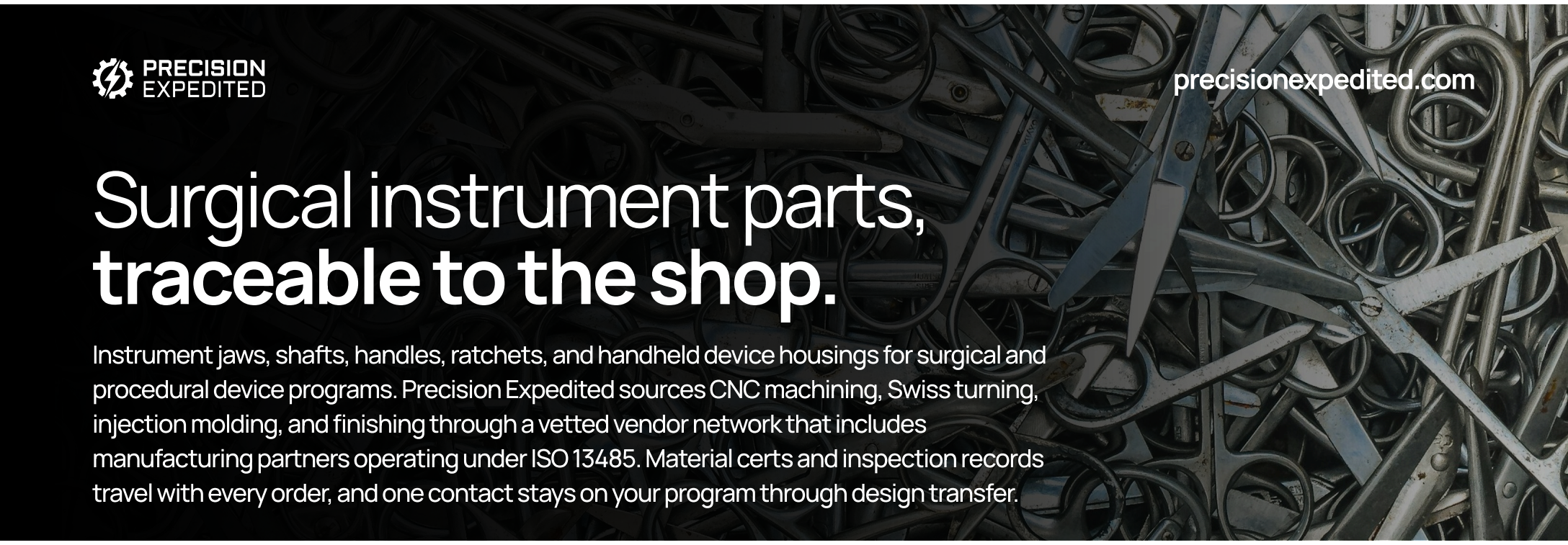
SURGICAL INSTRUMENTS + HANDHELD DEVICES



PRECISION EXPEDITED

precisionexpedited.com

Surgical instrument parts, **traceable to the shop.**

Instrument jaws, shafts, handles, ratchets, and handheld device housings for surgical and procedural device programs. Precision Expedited sources CNC machining, Swiss turning, injection molding, and finishing through a vetted vendor network that includes manufacturing partners operating under ISO 13485. Material certs and inspection records travel with every order, and one contact stays on your program through design transfer.

How We Review It

Your project manager and a technical lead review every print within 24 hours. For instrument parts we check passivation and electropolish callouts, edge and burr requirements, and cosmetic finish standards, then route the job to a shop that runs 17-4 PH and 316L every week.

What We Source

Matched to shops qualified for regulated work.

- **Instrument Jaws + Tips** · 17-4 PH and 316L
- **Shafts + Tubes** · Swiss turned
- **Handles + Grips** · Machined or molded
- **Ratchets + Linkages** · Small precision parts
- **Handheld Housings** · Medical-grade resins
- **Trigger + Button Parts** · Molded and machined
- **Marked Parts** · Laser marked to spec
- **Prototype Instruments** · Fit-check builds

Specifications

- **Tolerances:** ±0.001" on critical features
- **Metals:** 316L, 17-4 PH, Ti-6Al-4V, aluminum
- **Plastics:** PEEK, Delrin, UHMWPE, medical-grade resins
- **Finishes:** Passivation, electropolish, bead blast, laser marking
- **Documentation:** Material certs, FAI, inspection records
- **Quote review:** Within 24 hours

Before It's Built

Instrument rejects usually trace back to finish and edge callouts. We flag burr and edge-break requirements left off the print, passivation specs that conflict with the alloy, and biocompatibility requirements that limit which resins and vendors qualify. 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**