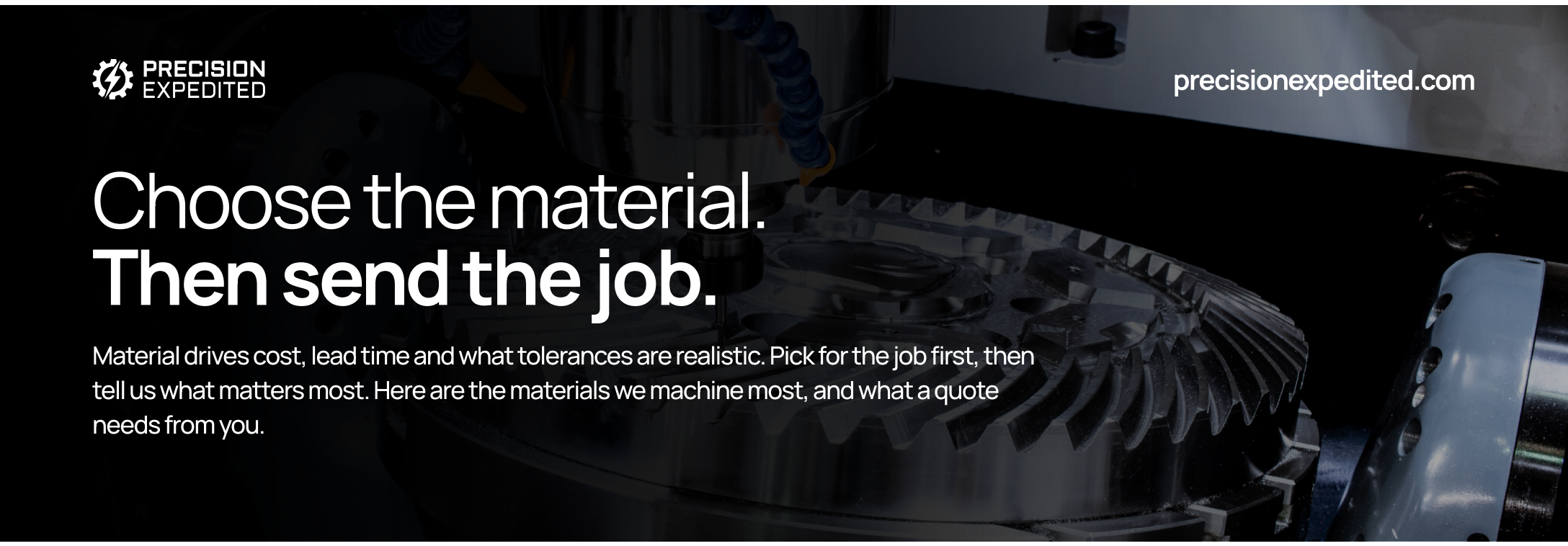
CNC MATERIALS GUIDE



Choose the material. **Then send the job.**

Material drives cost, lead time and what tolerances are realistic. Pick for the job first, then tell us what matters most. Here are the materials we machine most, and what a quote needs from you.

How We Match Material

We route each part to the shop in our vetted network best equipped for that material, so you get one quote and one point of contact. Your project manager confirms the grade fits the part before the quote goes out.

Materials

Don't see yours? Ask. The network covers far more.

- **Aluminum 6061 + 7075** · Prototypes, housings
- **Stainless 303, 304, 316** · Corrosion resistance
- **17-4 PH** · Hardens for strength + wear
- **Titanium Ti-6Al-4V** · Strength to weight
- **Inconel 718** · Heat + corrosion service
- **PEEK** · Heat, chemicals + wear
- **Delrin + nylon** · Low friction wear parts

What to Send

- **STEP file + print:** Model for geometry, print for tolerances
- **Material + finish:** Grade, temper, anodize, plating
- **Quantity + timing:** Prototype run, volume, deadline
- **Critical features:** What controls fit + function
- **Documentation:** Certs, inspection, ITAR requirements

Missing Something?

Send what you have. We'll ask for the rest. One project manager owns the job from RFQ to delivery, so material and finish questions get settled before the quote goes out.

Quality + Compliance

- ISO 9001:2015
- AS9100D Compliant
- ITAR Registered
- NIST 800-171 Compliant
- Tolerances to ±0.001"
- Inspection before shipment
- ISO 13485 Compliant

Built Fast. Built Right.

Send us your files.

Scan or visit **precisionexpedited.com/contact**