

Large Shaft Machining

DATASHEET

High Quality Parts is a precision machine shop that specializes in machining large shafts. They are essential devices that transfer machine-driven energy to a load device for power distribution, found in mechanical systems across many industry sectors. High Quality Parts has expertise machining shafts constructed from standard and exotic metals with complex geometry to meet or exceed the most demanding tolerances. We are a trusted Tier 1 supplier of high-quality prototypes and high volume precision metal components to leading OEMs across many industry sectors.

Shaft Types:

- Eccentric
- Impeller
- Journal
- Main
- Output
- Pump
- Roll
- Rotor



Industry Applications: Aerospace, Defense, Food Processing, General Industrial, Heavy Equipment, Medical Device, Military, Mining, Oil and Gas, Pharmaceutical, Power Generation, and Transportation

Material Types: castings, forgings, fabricated weldments, billets, bar stock, and plate

Metal Construction: aluminum, armor plate, beryllium, brass, bronze, chromium, copper, gammalloy, Hastelloy, Incoloy, Inconel, Invar, manganese, molybdenum, Monel, nickel, Nitralloy, platinum, powdered metals, stainless steel, Stellite, titanium, Waspaloy, zinc, and many other superalloys

Services: Multi-Axis Machining, 5-Axis Machining, CNC Milling | Vertical and Horizontal, CNC Turning | Vertical and Horizontal, CNC Engineering, CNC Inspection, and Special Processes Integration - Nadcap Accredited

Certifications: AS 9100D | ISO 9001:2015, American Petroleum Institute (API) Specification Q1, and an ITAR Registered Manufacturer



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