



2190 South Wolf Road
Des Plaines, IL 60018

1085 Chaddick Dr.
Wheeling, IL 60090

Contact Us

Charles Legg
Sales Rep
540.589.7888 (Call or Text)
cglegg@leggassociates.com

Overview

Asteroid Precision is a U.S. contract manufacturer specializing in high-precision Swiss turning, CNC machining, grinding, and honing for OEM components. Founded in 1966; ISO 9001:2015 compliant. ITAR/FFL/SOT compliant

Core Processes (In-House)

- ◆ Swiss-type CNC with sub-spindles & live tooling
- ◆ Multi-axis lathes with gantry loaders
- ◆ CNC 3-axis vertical milling centers (pallet changers)
- ◆ Robotic manufacturing & part handling
- ◆ Grinding: ID, OD, cylindrical, centerless (including robotic cells)
- ◆ Honing: vertical & horizontal
- ◆ Hard turning; milling, tapping, drilling, tumbling, deburring
- ◆ Managed secondaries for complete-to-print delivery

Size & Tolerance Window (Swiss Turning)

- ◆ Diameter range: ~0.0119" to 1.25"
- ◆ Typical tolerances: to ± 0.0001 " (process/feature dependent)
- ◆ Best-case (application-dependent): roundness ~0.00002"; dimensional ~0.00008"; surface finish to ~4 Ra
- ◆ Note: Best-case values reflect internal performance targets; confirm per print/feature.

Materials

Stainless & carbon steels, aluminum, titanium, brass, bronze; specialty alloys & precious metals; engineering plastics.

Industries Served

Medical & Dental, Military & Defense, Hydraulics, Automotive, Electronics, Fiber Optics, Marine, Gearing, Food Processing, Navigation/Instrumentation, Security/Relay components.



Supply Chain & Value-Add

Turnkey coordination of approved outside processes (heat treat, coatings, plating, etc.) and vendor-managed releases to simplify your supply chain.

Selected Part Types

Pins, rotors, cones, drivers, tubes, housings, burrs, miniature shafts/bearings, valves and pump components, firearm platform pins/rods/controls (per ITAR).

Quality Systems

ISO 9001:2015 (certificate available). Four-stage inspection (FAI, in-process, random, final). PPAP (Level 3), SPC, CoC, FAI reporting. Advanced vision/CMM resources.

15+ Years
ISO Certification

50+ Years
Experience

Made in the **USA**

FFL, SOT and ITAR
Compliant