



ISO 9001:2015 Certified

"We get it right the first time!"

PFI Precision Machining has been serving a wide range of markets and industries since 1966. With over 50 years of experience, consistent on-time delivery, and a lean cost structure, PFI is ready to be your first choice for your small-diameter machining needs. Let us put our Lean Continuous Improvement process to work for you.

OUR MISSION: To provide our customers with cost-effective solutions for close-tolerance component parts and mechanical assemblies

OUR PHILOSOPHY: To treat every customer like they are the only customer!



PFI Precision Machining
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Our Products

- Sensor Components
- Solenoid Components
- Valve Seats
- Inserts for Molded Parts
- Fittings
- Assemblies
- Brackets
- Shafts & Drive Components
- Studs
- Handles
- Mounting Blocks
- Power generation & distribution

Markets & Industries

- Aerospace
- Automotive
- Medical equipment devices & components
- Food processing & handling
- Hydraulic and Pneumatic fittings & components
- Industrial machinery & equipment
- Off-highway machinery
- Power generation & distribution

Request a Quote Today!

937-845-3081

CNC Machining
CNC Turning
Multi-Axis Screw Machining
Stocking Programs
Finishing Service



Our Services

CNC Machining

For over 50 years, PFI Precision Machining has offered custom CNC machining services at our 4-axis machining centers that can work with materials in sizes up to 40" in length, 20" in width, and 15" in height, all to tolerances of ± 0.0005 ". Custom parts are created employing a variety of processes including milling, drilling, boring, threading, counterboring, countersinking, pocketing, and profiling. Parts are refined and finished according to customer requirements with our range of value added ancillary services, including heat treating, plating, anodizing, welding, grinding, tumbling, and assembly. Production levels start at 500 units per order, with turnaround times of 4 to 6 weeks (expedited services available).

Multi-Axis Screw Machining

Our advanced line of equipment features precision screw machines including 5- and 6-spindle CAM machinery and a 6-spindle 17-axis Precision CNC machining center. Our custom multi-spindle machining services allow for the manufacturing of complex parts with superior surface finishes in sizes ranging from 0.5" to 4" in length and 0.125" to 1" in outer diameters, all to tolerances of ± 0.001 ". Multi-spindle machining processes include boring, cross drilling, drilling, knurling, reaming, turning, tapping, threading, thread rolling, and milling.

CNC Turning

We can provide turning processes such as parting/cutting, facing, threading, drilling, boring, and broaching. Our facility contains CNC turning machines with 2, 4, and 7-axis capabilities, including Tugami CNC Swiss. Parts are possible in diameters from 0.1875" to 2" utilizing thru spindle. Lengths from 0.100" to 30" can be reached, and the tightest tolerances of ± 0.0002 " are held.

Stocking Programs

We offer a full menu of stocking programs using lean manufacturing. Our professional inventory solutions include computerized inventory management, incorporating quarterly auditing for assured integrity, and precision-calibrated scales for part count accuracy. We provide order management, handling distribution and fulfillment with containerized worldwide shipping capabilities through any courier. Enhanced shipping options include barcoding, packaging, labeling, and pick & pack service. Our lean manufacturing tools include Kanban and Just-in-Time strategies. Fully-customized supply chain solutions are available.

Finishing Services

We partner with trusted sources that offer premium finishing services on parts we produce for you. Electropolishing is available as well as a variety of plating finishes including black oxide, chromate, copper, electroless nickel, gold, silver, rhodium, tin, and zinc. Powder coating and passivation techniques are available to provide protective finishes. Cold working techniques and heat treatments are available. Anodizing is offered to provide increased corrosion resistance, as well as a number of decorative effects. Also available are welding services and press-fit assembly.

Total Quality Control

We are experts in stainless steel machining, and we specialize in parts that move or seal precisely. We are ISO 9001:2015 certified and have quality control systems and processes in place to achieve 2.3 PPM quality and excellent on-time delivery.

Stainless Steel Gallery



Products Photo Gallery

Sensor Components



Valve Seats



Inserts for Molded Parts



Fittings



Solenoid Components



Assemblies



Products Photo Gallery

Brackets



Mounting Blocks



Studs



Shafts & Drive Components



Handles

