Quality Screw Machine Components For The OEM
**Description**

Screw Machine Specialties supplies precision screw machine parts and assemblies to world class OEM’s in a wide variety of industries and markets.

Our focus is on customer service and delivering the highest quality parts that will earn our client’s trust and confidence. We are constantly upgrading our machinery, technology and quality control department to ensure that our client’s requirements are met each and every time.

J.I.T Delivery from our 25,000 sq. ft. warehouse in New Jersey.

**Why choose Screw Machine Specialties?**

State of the art facility
Cost Savings
In stock and JIT deliveries
All of our facilities are TS 16949 / QS 9000 Certified
**Materials:** We have the capability and experience to manufacture precision machined parts out of most materials. We work extensively with carbon and alloy steels, most grades of aluminum, brass, copper, stainless steel, plastics and exotic metals.

**Operations:** We produce individual parts to print or complete assemblies. We offer CNC machining and a wide variety of secondary operations including broaching, precision thread rolling, milling, tapping, drilling, plating, knurling and heat treating.

**We Specialize In Difficult Parts With Close Tolerances**

We also offer custom packaging and labeling as per our clients specifications.
Various samples of Shafts that we produce

Made from 8620 steel, Diameter: ¾ inch, Length 14 inches, Case Hardened to RC 58, with Ground Timing Grooves and Milled Keyway.

Used by a Major Tractor Manufacturer in their Transaxle.

Made from Stainless Steel, Diameter: 2 inches, Length: 5 inches, Fully Carburized and Precisely Ground to a Tolerance of + 0.0002.

Used in a Spray Paint Pump.
Made from 4140 Steel, Diameter: 1 Inch, Length: 9 inches, Gun Drilled for 11 inches, Rolled Splines with Precision Ground Journals.

Used in an Automotive Transmission.

Laser Welded
Used in the operation of High Voltage Circuit Breakers.

Made from 1045 Steel, Diameter: 1.5 inches, Length: 6 inches.

Used by a Major Manufacturer of Steering Pumps.
Made from 1045 steel, Length: 6 inches Diameter: 2.5 Inches, Heat Treated to RC-28 with Worm Gear.

Used by a Motor Manufacturer of Golf Carts.


Used by a Manufacturer of Fuel Injectors.
Connectors - Pins - Inserts - Screw Machine Parts
Supplied to Major O.E.M’s
Capabilities:
Screw Machine Specialties Offers a Full Range of Turning Solutions

*RANGE
Diameter - 0.010 to 8 inches
Length - 0.005 to 48 inches

*Tolerance
Diameter - +/- 0.0002
Length - +/- 0.0005

*OPERATIONS
CNC Milling
CNC Turning
Grinding I.D.,Grinding O.D.,
Centerless & True Feed
Drilling,Multi Spindle Drilling
Tapping
Slotting
Threading, Thread Rolling
Broaching- I.D. as well as O.D.
*OTHER SERVICES
Assemblies
Welding & Brazing
Heat Treatment
Austempering
Plating
Passivating
Annodozing
Painting
*MATERIALS
Carbon Alloys from SAE 1005 to SAE 8620.
12L14 Steel
Stainless Steel
Brass
Bronze
Copper
Nickel
Aluminum
Titanium
Any Free Cutting Alloy
Plastics
Quality Assurance

CNC Swiss Machining – Machined Components

Screw Machine Specialties is committed to delivering consistent quality precision machined parts manufactured to your print every time. Our TS 16949 / QS9000 compliant quality policies and procedures and well trained staff are committed to delivering only quality products and services. Our quality control technicians have the knowledge and equipment necessary to control and ensure the quality of your parts on a consistent basis.
Physical Inspection

3D Dimension
*CMM

Hardness
*(Rockwell/ Micro)

Roughness

Roundness

Contour

Profile Projector

Height Gauge
Inspection Instruments

In House Metallurgical Laboratory
Material Microstructure Analysis

Video Measurements Instruments
Nikon VMA – 250 XXX

Optical Microscope

Roundness Measuring Instrument / HOMMEL
"We have worked with AmTech International for the past three years. We have found them to be an excellent vendor who meets our delivery and quality requirements.

In fact, a competitor of theirs had an opportunity to inspect a shaft AmTech made for us. His comments were most favorable of the quality of machining.

Overall, I rate AmTech as a quality supplier."

**Purchasing Manager**  
**Volvo Construction Equipment**

I would like to take this opportunity to thank you and your team at AmTech International for providing us with high quality components.

**Assistant Category Manager**  
**Harley Davidson**
"Over the years AmTech has become a valuable vendor in supporting our spare parts needs. I believe this is attributed to your consistent on-time deliveries and service (helping us anticipate demand and current lead-time conditions)."

**Senior Buyer**
**Euclid-Hitachi Heavy Equipment**

"I would like to take this opportunity to thank you and your company for providing us with the pump drive shafts. Not only were they cost effective, but were high quality components."

**Purchasing**
**Delphi**

AmTech has proven itself to be a valuable source in supporting our demands with cost savings and superb service. We look forward to continue service from your company.

**Director of Purchasing**
**Rockford Powertrain**
Our Clients

Baldor Electric

John Deere

Volvo
Volvo Construction Equipment

Twin Disc
Power Transmission Equipment

Euclid-Hitachi

Motor
Harley-Davidson Company

Funk Power

Regal-Beloit

Ausco Brake

Delphi
Saginaw Steering Systems

Rockford Powertrain
Thank you

Screw Machine Specialties
50 Highway 9, Suite 305
Morganville, NJ – 07751
Ph: 732-972-5400
Fax: 732-972-1801
www.smspecialties.com

Division of AmTech International: www.amtechinternational.com

Presentation by:
Director of Product Development – Harish Nagpal
Director of Sales and Marketing – Avi Tobias