



Quality Precision Machined Parts since 1967 ▪ Professional Quality Commando® Tools since 1944

Attention: Buyers of Precision Machined Parts

Commando Products, Inc. is a leading manufacturer of high quality precision machined parts for large and small companies. Commando also manufactures and distributes a line of high quality, USA Made, miniature hand tools for industry, hobby, sports, schools, welders, office, home, professionals and quality-minded craftsman under the registered trade mark of Commando®. Commando Products, Inc. is located in a modern 25,000 square foot manufacturing facility in Grandview, Missouri, a suburb of Kansas City, Missouri, USA.

On January 1, 2002 Commando Products, Inc., a manufacturer of small hand tools established in 1944 and C & S Screw Products, Inc., a manufacturer of precision machined parts established in 1967, merged into one corporation. Both corporations were and continue to be USA family owned and operating under the Commando Products, Inc. name. The corporation moved into a 25,000 square foot manufacturing facility in Grandview, Missouri, a suburb of Kansas City, Missouri.

Commando has the CAPABILITIES

With Commando's current Brown & Sharpe Screw Machines and CNC Equipment we have machining capacity up to and including 2-1/2" round, 2-3/16" hex, or 1-3/4" square bar stock. The CNC lathe has a chucking capacity up to 10" diameter. Our CNC Machining Centers gives us the capability to mill, drill and tap small to medium sized parts. ***With our two new Swiss Turn CNC Precision 7-Axis Automatic Lathes we are able to produce a wide range of high precision and complex parts, up to 1" diameter, without secondary operations.*** Excellent equipment and qualified employees allows Commando to furnish precision parts with close tolerances and special surface finishes.

With our CNC Machining Centers and other production equipment we are capable of performing most secondary operations, including slotting, milling, threading, cross-hole drilling/tapping, polishing, assembly and etc. We also have excellent outside sources for heat treating, plating and grinding.

We consider all our customers, large or small, as valued customers and would look forward to supplying your company with quality parts with on time deliveries. Commando would appreciate the opportunity to quote on your machined parts requirements and working with you and your engineers to develop new products to meet your delivery requirements

If you have any questions please call us at 816-966-8889.

COMMANDO PRODUCTS, INC.

420-A Blue Ridge Extension ▪ Grandview, MO 64030 ▪ Phone: (816) 966-8889 ▪ Fax: (816) 966-8858
sales@commandoproducts.com ▪ Visit our Web Site at www.commandoproducts.com



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Commando Products is committed to supplying products of the highest quality with the following advantages:

- ◆ Close tolerance parts
- ◆ Small and large quantity orders
- ◆ Precision machined parts in most types of material including stainless steel, brass, aluminum, cold rolled steel, phenolics, plastics, nylon, Teflon, and etc.
- ◆ Parts complete to print including secondary operations, heat treating, plating & etc.
- ◆ Clean parts, free of burrs, chips, excessive oil and ready for assembly
- ◆ Blind holes, drilled or tapped, are blown to remove oil and chip that can cause problems during assembly
- ◆ Excellent quality control to prevent rejections and customer down time waiting on replacement parts
- ◆ Reliable company with over 40 years of manufacturing close tolerance precision machine products
- ◆ Local company capable of working closely with customers to develop new products and quickly resolve problems
- ◆ Quality personal to ship orders on time with special packaging and handling to help prevent contamination and damage in shipment
- ◆ Work closely with customers on rush orders or partial shipments to meet their requirements and even hand delivery by Commando in some cases
- ◆ Acceptance of firm blanket orders, with prior approval, to allow customers to take advantage of the larger quantity price (reduced cost) but not overload their inventories and warehouse
- ◆ Work with customers on rescheduled orders to meet their changing requirement demands
- ◆ Manufactures a line of professional high quality compact tools under the Commando Trade Mark for Industry, Hobbyist, Home and Professionals with a reputation for unique quality tools.
- ◆ Customer visit of our facilities is always welcomed.

If you are considering changing suppliers, please compare your current supplier with the above list of Commando's advantages before making your final decision.

At Commando Products, Inc. we believe quality products are a direct result of qualified individuals working together for a common accomplishment: A High Quality Finished Product with Timely Deliveries. We recognize that manufacturing of quality products is what helps differentiate Commando from other manufacturers of similar products. We strive to provide parts and products of superior quality and we dedicate ourselves to working with our customers to provide the best service and products possible. Together, the development of the total program makes manufacturing a success at Commando.

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COMMANDO PRECISION MACHINED PARTS TO CUSTOMER'S PRINTS & SPECIFICATION

- ◆ **Furnish screw machine parts up to 1-5/8" round, 1-3/8" hex or 1-1/8" square**
 - Machined tolerances to .001" with micro finishes to 32 and better.
 - Closer tolerance can be machined in some cases.
- ◆ **Furnish Swiss turned parts up to 1" round, 7/8" hex or 3/4" square**
 - With our new Swiss Turn CNC Precision 7-Axis Automatic Lathes we are able to produce a wide range of high precision, very close tolerance and complex parts, up to 1" diameter, without secondary operations.
 - Machined parts with micro finishes of 32 and better.
- ◆ **Furnish CNC precision parts produced on 2-axis Okuma CNC lathe**
 - Turned parts from 2-1/2" round, 2-3/16" hex or 1-3/4" square bar stock.
 - Machine parts up to 10" diameter by chucking.
- ◆ **Furnish CNC milling, drilling and tapping**
 - Machining or secondary machining of small to medium sized parts on 6 and 8 Spindle CNC Machining Centers.
- ◆ **Machine most types of materials**
 - Cold finished and alloy steel
 - Stainless steels and nickel alloys
 - Brass, copper and aluminum
 - Plastics, nylon, Teflon and phenolics
 - Tubing, extruded shapes and etc.
- ◆ **Provide secondary operations**
 - Slotting, milling, polishing
 - Cross-hole drilling and tapping
 - Assembly
 - Laser engraving and marking
 - Many other operations, on parts, that cannot be completed in one operation
- ◆ **Furnish parts ready for assembly**
 - Including deburring, heat treating, grinding and plating.
 - Parts shipped free of chip, excess oil unless necessary to prevent rusting and packaged to help prevent damage in shipment.
 - Assembly operations and special packaging available.
- ◆ **Provide excellent quality control**
 - Operating under and in most cases exceeding Mil-I-45208.
 - Our Q.C. standards are among the best in the industry.
- ◆ **Manufacture parts in modern plant with excellent equipment**
 - Well maintained and clean 25,000 square foot air-conditioned facility.

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FACILITIES LIST

Screw Machines – Brown & Sharpe Single Spindle (18 machines)

- 7 Machines with 1/2" capacity
- 3 Machines with 3/4" capacity
- 1 Machines with w/Bar Feed 3/4" capacity
- 4 Machines with 1-1/4" capacity
- 3 Machines with 1-5/8" capacity

Swiss Turn CNC Automatic Lathe

Capable of producing a wide range of high precision, very close tolerance and complex parts without secondary operations

- 1 Swiss Turn CNC Precision 7-Axis Automatic Lathe with high pressure coolant - 3/4" capacity
- 1 Swiss Turn CNC Precision 7-Axis Automatic Lathe with high pressure coolant - 1" capacity

CNC Milling Machines

- 1 Sugino Milling, Drilling and Tapping 6-Spindle Machining Center
- 1 Sugino Milling, Drilling and Tapping 8 Spindle Machining Center
- Indexing Fixtures for production machining on Milling Centers

Turret Lathes

- 2 Production lathes with indexing turrets
- 1 Production lathe with indexing turret and digital readout

Milling Machines

- 1 Bridgeport Vertical mill
- 1 Vertical mill with digital readout
- 2 Horizontal mills for milling and slotting

Secondary Equipment

- Attachments for using Screw Machines for secondary chucking
- Indexing drill presses for multiple second operations drilling and tapping
- Snow precision vertical drilling & tapping

machine

- Cutoff saw
- Chop saws
- Punch press (8 ton) for part assembly
- Drill presses
- Deburring, sanding & polishing equip.
- Vibratory deburring equipment
- Miscellaneous tooling and fixtures

Tool Room Equipment

- Tool and cutter grinders
- Surface grinder
- Pedestal grinders
- Step tool relief grinding fixtures
- Carbide lapping machine
- Miscellaneous fixtures and grinding equipment

Inspection Equipment

- Q.C. Procedures and Commando's Manual for Mil-I-45208
- Clausing 14" Optical Comparator
- MicroVu Optical Comparator
- Profilometer to check surface finish
- Thread gages for most UNC, UNF, UNEF, and NPT threads
- Miscellaneous special and metric thread gages
- Hole plug gages to 0.500 in .0005 increments
- Hole plug gages to 1.000 in .0010 increments
- Miscellaneous gages, micrometers, set gages & etc.

Laser Marking Equipment

- Epilog FiberMark Laser for permanent marking on most metals
- Epilog Helix Laser for marking & cutting

Recycling Equipment

- Centrifuge oil extractors
- Distillation of cleaning solvents

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