



## **Gentner Precision Components**

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[www.gentnerprecision.com](http://www.gentnerprecision.com)

CNC Precision Turning and Milling  
Swiss Type Precision  
Automatic Screw Machining  
Short Run and Prototype Machining  
Contract Assembly  
Micro-Deburring

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**Gentner Precision Components** is dedicated to achieving and maintaining quality throughout the manufacturing process. From our initial stages of quoting to the consistency of our on-time deliveries, we have made customer service and quality assurance an integral part of our processes. In today's increasingly competitive market, maintaining customer satisfaction is the most important aspect of any business. Through continuous improvements of every aspect of the manufacturing process, Gentner Precision has successfully taken on this challenge placed upon us by our customers.

We have a wide range of CNC Swiss screw machine capabilities, from short runs (1-1000 parts) to long runs (10,000+) and everything in between. We specialize in small diameter turning with both Swiss style lathes as well as our Gang Tool lathes.

For larger quantity runs, as well as wider tolerance parts, we utilize an array of Brown & Sharpe screw machines to keep production costs as competitive as possible. These machines allow us to produce quality parts with cost effective pricing to keep production here in the U.S.A. We offer many different secondary machining capabilities from drilling, tapping, threading, slotting and contract assembly. Our flexibility in second operation machining helps us to better service our customers with cost effective solutions.

Our milling department utilizes vertical machining centers to accomplish precise, high speed milling, drilling, tapping and contouring. We use computer controlled accuracy to achieve conformity of even the most complex parts through a production run. Whether the job calls for flexibility on design changes, adapting to specific production needs, or anticipating inventory fluctuations, we work in close partnership with every customer to achieve quality and precision at a competitive price.

The material most common in our job shop is 304 and 347 stainless steel, but on a daily basis you'll find us running brass, aluminum, tellurium copper, cold rolled steel, 316, 17-4, plastics, titanium and even tungsten.

We produce many prototype and short run production lots that lead to larger production runs. Our flexibility in smaller lots helps to keep initial costs of production to a minimum. Most of our jobs are blanket orders. This means that the customer can get a volume discount, but receive precision machined components over 12 months, minimizing inventory. For example, you could order 12,000 pieces, but schedule them to be delivered in lots of 1,000 over the next year. Flexibility to our customer demands is one of our biggest concerns. Unmatched quality with on-time delivery is the guiding force in our attempts to maintain customer satisfaction.

## Production Capabilities

### CNC Single Spindle Lathes

- 3 - Hardinge Conquest GT CNC Lathe
- 4 - Star KJR 16 Swiss Style Lathe  
16 mm capacity
- 3 - Star RNC 16 Swiss Style Lathe  
16 mm capacity

### Automatic Screw Machines

- 1 - Brown & Sharpe No: 3  
2 3/8" capacity
- 2 - Brown & Sharpe No: 2  
1 1/4" capacity
- 2 - Brown & Sharpe No: 00  
3/4" capacity
- 2 - Brown & Sharpe No: 00  
1/2" capacity

### Vertical Machining Centers

- 1 - Haas Mini Mill VMC
- 1 - Hardinge Conquest VMC 700
- 1 - Miyano CNC TSV 33

### Secondary Machining

- 1 - Hardinge Lathe with Omni-Turn CNC Controls
- 3 - Hardinge Manual Turret Lathes

### Prototype and Tool Room Production

- 1 - Standard Modern 17" Lathe  
with Digital Read-out
- 1 - Rockwell 14" Lathe
- 1 - Monarch Lathe
- 3 - Bridgeport Vertical Mills  
with Digital Read-out
- 3 - Boyer Schultz Surface Grinder
- 1 - Dayton Horizontal Bandsaw

### Micro Deburring

- 1 - Clemco Pulsar Sandblasting Cabinet
- 1 - Comco Micro Blaster Silicon Cabinet
- 1 - Comco Micro Sandblasting Cabinet
- 3 - Powermatic Belt and Disc Sanders
- 1 - Max-O Wet Surface Grinder
- 2 - 3.5x90x Trinocular Stereo Zoom Microscope  
with 5 mp USB Camera

### Quality Control

- 1 - Ferranti Coordinate Measuring Machine with  
Quandra-Chek 200 Digital Read-out
- 1 - Brown & Sharpe Profile 20 Lite
- 1 - Clausing Visual Comparator
- 6 - Baush & Lomb SZ-4 Microscope

