

Complete Line of Quality Made Gear and Sprockets to Your Specifications

Commercial Gear & Sprocket manufactures gears, sprockets, chains, gear units, and custom fabricated gear assemblies to your specifications.

We deliver On Time Every Time!

### **Custom Made Gear Products**



- · Bevel Gears
- · Helical Gears
- Worm and Worm Gears
- · Sprockets
- · Chain
- Gear Units
- Splines, Ratchets, and Rack & Pinion Gearing

### Custom Gear Cutting Equipment



Our machining facility is stocked with a fleet of long-run precision production machines along with the most modern precision equipment for prototypes.

### **Custom Machining and Fabrication Capabilities**



We not only make custom gears & gear boxes.

We also do custom CNC machining to your exact specifications.

### Quality Inspection for Machining and Gear Manufacturing



If you have a lingering or immediate problem with your present gear source then we can help.

We invite you to try the CG&S difference!

Commercial Gear & Sprocket Company has the gear machining experience you need. Our third generation family owned company has been producing quality gears and other power transmission products at competitive prices since 1946 (over 60 years). With a customer list that represents many industries, we supply custom products to such businesses as machine tool builders, construction equipment and power hand tool suppliers, medical equipment providers and defense suppliers. We will be proud to serve your business as well.

We compete favorably with stock gear houses for standard gears. We can be your source for the largest selection of stock and custom manufactured chains and sprockets. Our service is unmatched: We meet the needs of each customer, tailoring our capabilities to your individual needs, and we deliver on time every time. **Commercial Gear's** machinists, some with over 30 years experience, ensure that your job is produced to your specifications the first time.

### **Custom Made Gear Products**

Commercial Gear and Sprocket Co. offers a wide range of Gears and Gear Related Products:

- Leadscrews to 12" diameter x 72" long, any pitch
- Bevel and Mitre Gears to 12" diameter x 3 ½" face 64 D.P. to 3 D.P.
- Helical Gears to 60" diameter x 36" face 96 D.P. to 3 D.P.
- Worm Gears to 60" diameter 64 D.P. to 2 ½" D.P.
- Worms to 12" diameter any lead 64 D.P. to 3 D.P.
- Sprockets to 60" diameter ¼" to 2" P.
- Timing Pulleys or Gear Belt Pulleys to 60" diameter x 36" face 1/8 to 1 1/4" P.
- Spur Gears to 60" diameter x 36" face 96 D.P. to 2 D.P.
- Internal Gears to 29" I.D. x 2" face 96 D.P. to 4 D.P.
- Ratchets and Jaw Clutches to 30" diameter and Clutches to 24" diameter
- Racks 6' x 6 1/2" face to 4 P. in C.L.- 6 P. in steel
- Splines available, internal or external

















#### Custom Fabrication

We also offer custom gear assembly work that has made us the preferred supplier for customers across the country. Many of our customers have found that our diversified capabilities makes **Commercial Gear** your one-stop machining service supplier that saves you time and money spent sourcing multiple vendors. We manufacture to your specifications. Send us your files and we will send you a quote.

# Quality Inspection for Machining and Gear Manufacturing

# Examine and resolve problems with gears, sprockets, chains, and gear units

Trouble-shooting your most challenging gear problems is also part of our job. Commercial Gear's consistent ability to examine, define, and resolve gear problems has awarded us with some of our oldest and largest accounts. If you have an immediate or lingering problem with gear tolerances we invite you to call us. Allow our personnel, with over 120 years of combined industry experience, to evaluate the data and offer a corrective plan of action.

## Inspection

- (1) Fellows 24H Lead Measuring Instrument
- (1) Fellows Red Liner #20 w/chart recorder
- (1) Fellows Red Liner #8 w/chart recorder
- (1) Fellows Red Liner #4 w/chart recorder
- (2) Brown & Sharp Gear Checkers #3 and #1
- (1) Gleason Bevel Gear Checker #6
- (1) Illinois Fine Pitch P.D.T.I.R. Checker
- (1) Red Wing Universal Gear Tester
- (1) F.I.E. Rockwell Tester
- (1) Scherr Micro Comparitor
- (3) Sunnen Bore Gage #GR-6000
- (1) Jones & Lamson Comparitor TC-10
- (1) Barber/Colman AV3 Helical Composite Worm & Worm Gear Tester
- (1) Brown & Sharp Micro-Hite 350 Z Axis Measuring System

Our Quality Control is based on System I.S.O. 9002 7 A.G.M.A. Inspection manual 2000-A-88









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# Contact Us

## Commercial Gear & Sprocket Co., Inc.

618 Washington Street

East Walpole, MA 02032

Toll Free: 800.491.1073

Tel: 508.668.1073

Fax: 508.668.6625

E-mail: info@commercialgear.com

www.commericalgear.com

# Departments and Contacts

Thomas Shaw - Sales Manager @ ext 13, tom@commercialear.com

Bill Shaw - Production Coordinator @ ext 12, bill@commercialear.com

Russell Molloy - Gear Dept Forman @ ext 11 russ@commercialear.com

Noreen Johnson - Office manager @ ext 10, noreen@commercialear.com

