



Elgin Fastener Group

Cold Heading
or Screw
Machining?

Get the
facts!



Cold Heading Advantages Over Screw Machining:

- Cold heading can result in material cost savings that exceed 50% by reducing the amount of scrap that is produced by screw machining.
- Cold heading can eliminate or reduce the number of costly secondary operations (i.e., brazing, machining, shaving, etc.) that are required in screw machining.
- Cold heading offers a smoother surface finish than screw machining, thus reducing or eliminating the need for secondary finishing.
- Cold heading utilizes high speed manufacturing processes that consistently meet speeds of 50-250 pieces/minute, effectively reducing production costs associated with screw machining.
- Cold heading offers improved product performance by rearranging grain structure and increasing shear strength. Screw machining interrupts grain flow and can introduce the potential of fatigue failure.

Find out how the benefits of cold heading can make a positive impact on your next fastener application. Visit www.elginfasteners.com today.

The right fastener
right now.™

The Elgin Fastener Group is comprised of four leading domestic fastener manufacturers, an import operation and a domestic plating company. Collectively we offer a complete range of semi-standard and custom fasteners in a wide variety of styles, sizes, materials and finishes. With Elgin you'll get the right fastener and the right finish for your application.



Chandler Products
Cleveland, Ohio
www.chandlerproducts.com



Leland Powell Fasteners
Martin, Tennessee
www.lelandpowell.com



Best Metal Finishing
Osgood, Indiana
www.bestmetalfinishing.com



Ohio Rod Products
Versailles, Indiana
www.ohiorod.com



Elgin Fastener International
Cleveland, Ohio
www.elginfastenerinternational.com



Precision Screw & Bolt
Cleveland, Ohio
www.precisionscrawandbolt.com



Division



Product Focus

**Long Length,
Small Diameter
Specialty Fasteners**

**Close Tolerance,
High Precision
Fasteners**

**Short Length,
Small Diameter
Specialty Fasteners**

Product Dimensions

Lengths – 3" to 96"
Diameters – #4 to 5/8"

Lengths – 1/2" to 9"
Diameters – #10 to 5/8"

Lengths – .187" to 4.75"
Diameters – #4 to 1/2"

Leading Attributes

- Unique Long Length and Small Diameter Characteristics
- In-House Plating Capabilities
- Company-Wide Lean Initiatives
- Short Lead Times
- Leading Supplier to Electric Motor, Conveyor and Cable Reel Markets

- Customized and Engineered Products
- Tight Tolerances and Multiple Secondary Operations
- In-House Tooling
- Recognized Leader in the Class 4-8 Diesel Engine and Transmission Market

- Industry Leading Product Assortment
- Engineered Product Solutions
- Asian Sourcing Capabilities
- Custom Inventory Management Programs

