

# American Fastener

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*The right fastener right now.™*



## Elgin Fastener Group

OHIO ROD PRODUCTS • ELGIN FASTENERS INTERNATIONAL • CHANDLER PRODUCTS  
LELAND POWELL FASTENERS • PRECISION SCREW & BOLT • BEST METAL FINISHING

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# ELGIN FASTENER GROUP

Domestic production of specialty fasteners is alive and well in the Midwest (and in the northwest corner of Tennessee), as evidenced by the wide range of products offered by the companies of the Elgin Fastener Group.



**FRONT ROW, FROM LEFT:** Mark McCullough, President/Leland Powell Fasteners; Joe Hertz, EFG VP/Sales; Dan Wilson, General Manager/Best Metal Finishing; Duke Hamm, EFG Controller.

**BACK ROW, FROM LEFT:** Frank Pushpak, EFG R&D Director; Tim Busching, EFG VP/Marketing; Phil King, EFG VP/Mfg.; Jeff Liter, EFG President.

As a division of corporate parent Elgin National Industries, the Elgin Fastener Group combines the manufacturing capabilities of four leading industrial fastener manufacturers with the engineering and technical application talents of a dedicated workforce. EFG offers *"The right fastener right now"* and provides custom fastener solutions to markets ranging from fractional horsepower electric motors to diesel engines to appliance and lawn and garden applications.

Headquartered in Versailles, Indiana, the Elgin Fastener Group is comprised of Ohio Rod Products, Chandler Products, Leland Powell Fasteners, and Precision Screw and Bolt, as well as the two most recent additions to the group; Best Metal Finishing, a metal finisher offering electro deposited zinc and zinc phosphate coatings, and Elgin Fasteners International, the offshore sourcing and engineering arm of EFG.

Ohio Rod Products, in Versailles, Indiana, has designed and manufactured small diameter, long length headed and threaded fasteners since 1966. Offering diameter ranges from 2-56 through 5/8", in lengths from 2-3/4" up to 96", Ohio Rod Products has earned a well deserved reputation for providing long, thin parts with superior straightness tolerances and is recognized as an industry leader in the production of machine screws, thru bolts, binder hardware, rivets, pins, and special form or bent bolts. Ohio Rod maintains a wide variety of material sizes in low carbon steel, stainless steel, pre-galvanized steel and heat treatable material; special orders for aluminum and brass can also be met. Post treatment options such as heat treating, patching, and

# OUR PRODUCTS



**Chandler Products**



**Ohio Rod Products**



**Precision Screw & Bolt**



**Leland Powell Fasteners**



**Best Metal Finishing**

plating are available within close proximity to Ohio Rod's plant, and the company recently received their ISO 9001:2008 certification.

Chandler Products is in Cleveland, Ohio, where they actually began in 1913 as the Chandler Motor Car Company. After producing several automobiles through the 1920s, Chandler was sold to the Hupp Motor Car Company and subsequently commissioned to produce bolts for the Hupp Corporation in 1930; this soon led Chandler to supplying fasteners to other automobile companies including Pontiac, Hudson Motors, Oldsmobile, and Cadillac. Today Chandler Products is known throughout the fastener industry as a leader in the manufacture of tight tolerance, small and medium volume production orders for fasteners requiring precision secondary operations. Chandler maintains a full complement of secondary equipment that enables them to perform operations on headed blanks that produce unique shapes and meet close tolerances; chief among these operations are pointing, shaving, trimming, grinding, drilling, and CNC work. Chandler offers raw material options ranging from Grade 2 through Grade 8, Class 5.8 through Class 12.9, and aluminum, brass, bronze and stainless steel.

Primary markets for Chandler include diesel engines and transmissions, locomotives, military spec and ordnance applications, and racing industry fasteners. Diameters of #10 through 3/4", and

lengths of 1/2" to 9" define Chandler's size ranges; the 3/4" capability was a recent development that was provided through their acquisition of additional heading machinery. Product lines typically produced by Chandler include precision components, hex cap and flange screws, place bolts, connecting rod bolts, 12 point bolts, shoulder bolts, T and square head bolts, studs, stainless steel fasteners, valve stem and B-7 fasteners.

**A CENTRALIZED QUOTE REQUEST PROGRAM WAS RECENTLY ADDED TO THE EFG WEBSITE, GIVING THEIR CUSTOMERS THE ASSURANCE THAT QUOTE REQUESTS WILL BE PROMPTLY DELIVERED TO THE APPROPRIATE DIVISION AND ELIMINATING CONCERNS OVER SENDING RFQS TO THE WRONG LOCATION.**

Precision Screw and Bolt began operations in Cleveland in 1986, and merged with Chandler into Chandler's facility in 2002. Precision Screw offers a wide range of products including square head set screws, serrated flange bolts, rib neck bolts, projection weld studs, clevis pins, and place bolts. Examples of Precision's markets are fire protection systems and school bus seat applications. Size ranges are 3/16" through 5/8" in diameter and up to and including 5-1/4" in length; material offerings mirror those of Chandler Products.

Leland Powell Fasteners in Martin, Tennessee, was started over thirty years ago and continues to serve many different markets, such as engines, appliances, lawn and garden, furniture, and power tools. Leland Powell produces fasteners ranging in diameter from #4 through 1/2", in lengths from 1/4" through 5". A recent machinery acquisition has expanded Leland's capabilities to produce shoulder screws and oversized-head fasteners, and they continue to offer tapping screws, thread cutting screws, thread forming screws, screws for plastic applications, machine screws, sems assemblies, carriage bolts, and pins and rivets. Leland produces two proprietary types of fasteners, one specifically designed to be used in thin sheet metal assemblies; and one designed to improve the speed of assembly, reduce operator fatigue and strip-out problems, and eliminate cross threading and the need to pre-tap holes. The Grip-Lite™ Screw provides a light

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# OUR LOCATIONS



*Chandler Products / Precision Screw & Bolt*



*Ohio Rod Products*



*Leland Powell Fasteners*



*Best Metal Finishing*

assembly with increased strip-out torque improving joint strength, and a radius point for safety. Grip-Lite™ Screws also lower assembly costs by eliminating the need for clips and inserts that slow assembly. Lo-Driv® Thread Rolling Screws offer a unique point and body design that provides superior forming pressure relief, which lowers driving torque. Lower driving torque allows drivers to drive screws faster and reduces operator fatigue. The screws cannot cross thread when driven because they create their own mating threads in the assembly, while the 360° body contact of the Lo-Driv® is highly resistant to stripping out when being seated. Leland Powell also brings an outstanding quality record to the mix of EFG companies, having recently earned their ISO 9001:2008 certification.

Best Metal Finishing, Osgood, Indiana, was started in 2002 as an in-house finishing source for the fastener manufacturers of the Elgin Fastener Group, but has since outgrown that limitation to become a premier plating source for the southeastern Indiana and southwestern Ohio industrial areas. BMF provides zinc and zinc phosphate coatings and has the experience and equipment to handle smaller, delicate zinc and phosphate barrel loads as well as heavier, rack zinc applications. BMF was proactive in the movement to eliminate harmful hexavalent chromates and has supplied trivalent chromates exclusively since 2005; the company recently received their ISO 9001:2008 certification, and offers complete in-house lab support for all of their processes. BMF uses the latest computer controlled x-ray fluorescence system to check plating thickness and to conduct SPC control charts; first piece inspection, PPAP, and certificates of conformance are also available.

On those occasions when the manufacturing companies of the Elgin Fastener Group are unable to make a specific part, or when competitive price issues dictate an overseas sourcing solution, the Elgin Fasteners International division offers the engineering expertise and import sourcing option that many distributors are looking for. EFI was started in 2003

and has developed into a vital contributor to the overall success of the Elgin Fastener Group. Located in Ningbo, China, this sourcing office is staffed by dedicated import specialists who coordinate domestic engineering activity with onsite purchasing. The EFI source factories are visited and monitored on a regular basis to ensure consistently high levels of quality, dependability, and on-time deliveries are maintained. All import parts are tested to the same quality standards as the parts manufactured by the Elgin Fastener Group companies, and ISIRs and PPAPs are available on request.

The Elgin Fastener Group has focused on strengthening their domestic sales team over the past year, and has added new technical sales representatives as well as new manufacturers representative agencies to several territories in the United States; a veteran sales engineer has also been assigned to aid in the development of new fastener applications. A centralized quote request program was recently added to the EFG website, giving their customers the assurance that quote requests will be promptly delivered to the appropriate division and eliminating concerns over sending RFQs to the wrong location.

Elgin Fastener Group welcomes all opportunities to supply “*The right fastener right now*”; contact them online at [www.elginfasteners.com](http://www.elginfasteners.com), or call them at 812.689.8917.

For more information, contact:  
Elgin Fastener Group  
P.O. Box 785, 1415 S. Benham Road  
Versailles, Indiana 47042  
Telephone 812.689.8917  
Fax 812.689.1825  
Website: [www.elginfasteners.com](http://www.elginfasteners.com),  
Email: [info@elginfasteners.com](mailto:info@elginfasteners.com). ■



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