

# OHIO ROD PRODUCTS

## SPECIALTY ENGINEERED FASTENING SOLUTIONS



## COMPANY PROFILE

Located in Versailles, Indiana, Ohio Rod Products is recognized as the industry leader in the design and manufacture of long length, small diameter fasteners. We've built a loyal and proud workforce of highly skilled craftsmen with strong work ethic, so that we can continually strive to exceed customer requirements, improve quality, and provide unmatched customer service to enhance our shared interests and competitiveness in our respective markets.

### MARKETS

- ELECTRIC MOTORS
- CABLE & WIRE REELS
- CONVEYORS
- LAWN & GARDEN
- CONSTRUCTION
- COMPRESSORS
- MILITARY
- AUTOMOTIVE
- ENERGY
- MEDICAL

### PRODUCT SIZE RANGES

INCH SIZE	METRIC SIZE	LENGTH RANGE (IN)	LENGTH RANGE (MM)
#2 (.080)	M2.5	2.85 - 15	73 - 381
#3 (.099)	M3	2.85 - 15	73 - 381
#4 (.112)	M3	2.85 - 15	73 - 381
#5 (.125)	M3.5	2.875 - 15	73 - 381
#6 (.138)	M4	2.875 - 20	73 - 508
#8 (.164)	-	2.875 - 42	73 - 1066.80
#10 (.190)	M5	2.875 - 42	73 - 1066.80
#12 (.216)	-	4 - 42	101.6 - 1066.80
1/4 (.250)	M6	4 - 52	101.60 - 1320.80
5/16 (.312)	M8	5 - 52	127 - 1320.80
3/8 (.375)	M10	8 - 52	203.2 - 1320.80
7/16 (.438)	-	8 - 52	203.2 - 1320.80
1/2 (.500)	M12	8 - 86	203.2 - 1320.80
5/8 (.625)	M16	18 - 86	457.20 - 2438.40

### MOTOR THRU BOLTS

- TRUSS
- FILLISTER
- HEX: WASHER / INDENTED
- CARRIAGE
- PAN / ROUND / BINDER
- FLAT / 82° / 90°
- WAFER

### STUDS

- ALL THREADED STUDS ARE AVAILABLE WITH KNURL AND/OR COLLARS
- THREADS ON ONE OR BOTH ENDS

### RODS

- INDENTED HEX CONVEYOR RODS
- TRUSS AND INDENTED HEX WASHER LADDER RODS

### CABLE REEL BOLTS

- DOUBLE SLOT TRUSS WASHER
- INDENTED HEX WASHER
- SQUARE DRIVE SLOT
- FORMED HEX
- SQUARE HEAD
- WAFER HEAD

### MISC

- BINDER RIVETS
- MATING SCREWS
- BINDER POSTS
- MATING CAPS
- GUARD RAIL BOLTS
- CONCRETE FORM PINS
- SILO BOLTS



## HEAD STYLE

- **BUTTON**
- **CHEESE**
- **FILLISTER**
- **FLAT & NON COUNTERSUNK**
- **OVAL / PAN**
- **BINDER**
- **TRACK / GUARDRAIL**
- **ROUND / WAFER**
- **SQUARE**
- **TRUSS**
- **CARRIAGE**
- **FLAT / 82° / 90°**
- **INDENTED HEX FLANGE**
- **INDENTED HEX**

## DRIVE

- **6 - LOBE : INTERNAL, EXTERNAL & TAMPER PROOF**
- **INTERNAL & EXTERNAL HEX WITH SLOT, PHILLIPS, OR 6 - LOBE**
- **SPINE**
- **SLOT: SAWED, STRUCK & COMBO**
- **SQUARE: INTERNAL & EXTERNAL**
- **STAR**
- **PHILLIPS / SQUARE COMBO**

## THREAD TYPE

- **1 THREAD TAPPING**
- **LAGG SCREW**
- **J THREAD**
- **TRI-LOBULAR THREADS**
- **HI-LO SELF TAPPING**
- **MACHINE SCREW**
- **A TAPPING**
- **AB TAPPING**
- **B TAPPING**



## QUALITY ASSURANCE

Our quality management system is certified to the ISO 9001:2015 standards.

## SPECIALS

Often the fulfillment of your "special" fastening needs can be found in sizes and shapes which, although not "standard", come well within the range of our normal capabilities. Just ask!

## OHIO ROD PRODUCTS

### Materials

Equipped with state-of-the-art technology, Ohio Rod Products offers domestically manufactured specialty fasteners in a wide range of carbon and alloy steel which include:

Low Carbon 1008 - 1018  
 Low Carbon 1022  
 Low Carbon 1038  
 Low Carbon 1541  
 Low Carbon 4037  
 Low Carbon 4140  
 Boron 10B21  
 Aluminum 6061  
 Aluminum 5056  
 Brass  
 Bronze  
 Stainless: 302 , 304 , 401

### Secondary Ops

Rolling Case Hardening  
 Extruding Shaving  
 Chamfering Pointing  
 Slotting Roll Chamfering  
 Knurling Heat Treat  
 Drilling Plating  
 Bending Packaging  
 Winging Trimming  
 Plating Stocking  
 Lathe CNC Milling

### Finishes

Ohio Rod Products offers the most popular platings and finishes which include:

Cadmium - Clear  
 Cadmium - Yellow  
 Zinc - Clear Trivalent  
 Zinc - Yellow Trivalent  
 Zinc Nickel Clear  
 Zinc Nickel Black  
 Zinc Olive Green  
 Dry Phos  
 Iron Phos  
 Organic Phos  
 Phos & Oil  
 Phos & Wax  
 Patches  
 Pregalvanize  
 Hot Dip Galvanize  
 Black Oxide  
 Black Oxide & Wax  
 Magnigard  
 Wax  
 E - Coat  
 Wash  
 Tumble  
 Passivation



## ELGIN FASTENER GROUP

The Elgin Fastener Group (EFG) is the leading provider of system-critical engineered fastening solutions serving blue-chip wholesalers and distributors. Comprised of a family of 8 domestic manufacturers and metal finishers, our plants offer hot forging, open and closed die cold forming, and wire form products that make us the leading single source supplier of specialty engineered fastening solutions in North America.

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