

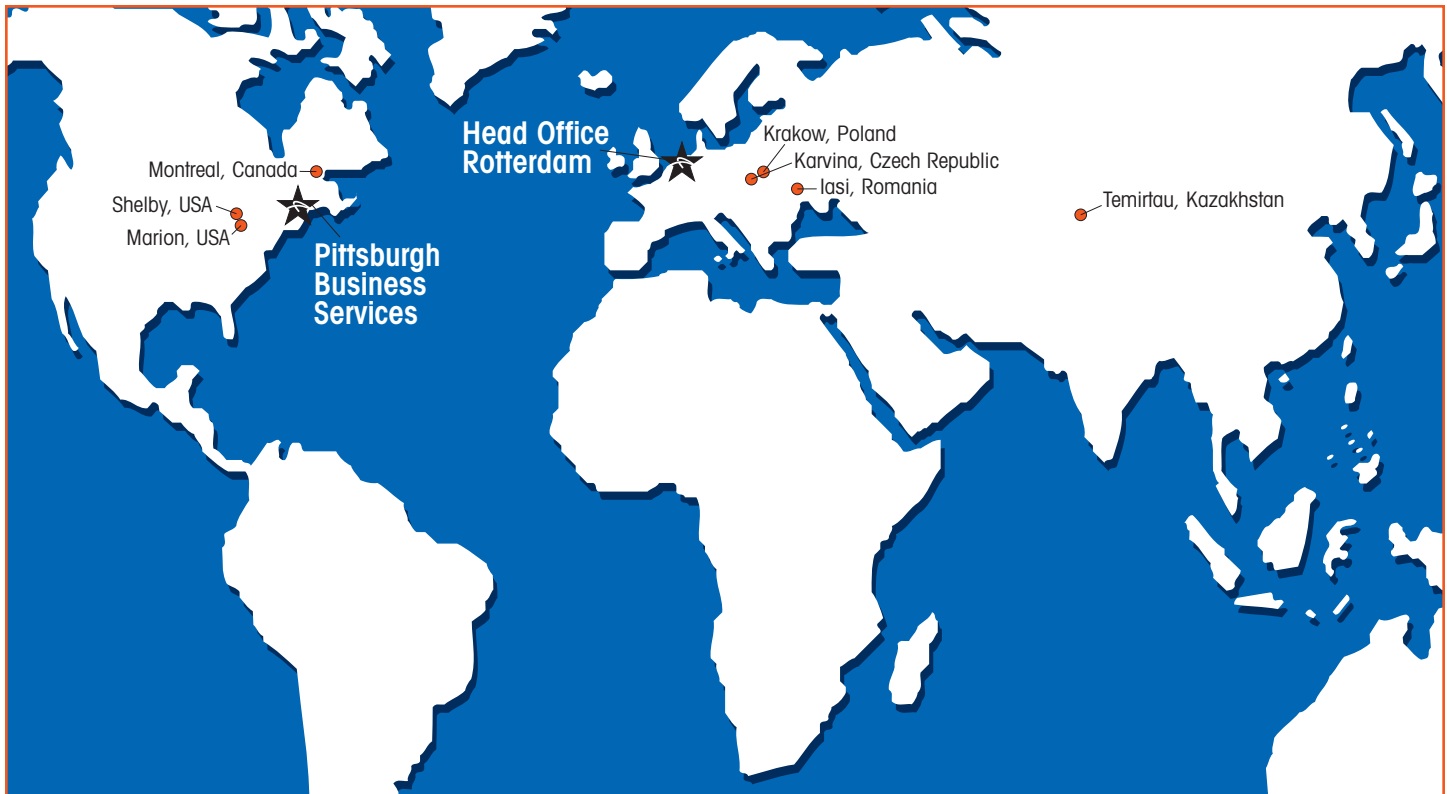
# Mechanical Steel Tubing



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ArcelorMittal



### A Quick Look at the Tubular Products Division of ArcelorMittal

Tubular Products is the largest producer of high-quality steel tubular products in North America, with 10 tubular products plants strategically located throughout the United States, Mexico and Canada. We produce and market a variety of mechanical tubing products, as well as automotive tubular components at these facilities.

Tubular Products was founded in 1915 to produce copper clad steel wire and strand. It expanded into the mechanical tubing business in the 1950s and into the automotive components business in the 1990s. Headquartered in Woodstock, Ontario, Tubular Products employs 2,200 people in North America.



## Mechanical Tubing Operations

Tubular Products manufactures all of the principal types of mechanical steel tubing – seamless, drawn-over-mandrel (DOM) and as-welded – as well as *TuffDOM*<sup>®</sup> and ALDOM<sup>®</sup> tubing for specialized applications. Most of these products are produced by the electric resistance welding (ERW) process in an extensive range of sizes and wall thicknesses. Seamless is produced by rotary piercing of solid round billets.

Our mechanical tubing production facilities are located at Shelby and Marion, Ohio; Escobedo, Mexico; Brampton, Brantford, London, Hamilton, Mississauga and Woodstock, Ontario which contain some of the most advanced equipment in the industry. These locations put us in close proximity to principal plants of the automotive industry and other large users of mechanical tubing.



## Principal Mechanical Tubing Products

- DOM tubing is manufactured in diameters from 0.750" to 12.000" and wall thicknesses from 0.065" to 0.625". Primary markets for this product are the automotive, industrial and construction equipment industries, as well as steel service centers.
- Seamless tubing is furnished in both hot-rolled and cold-drawn form in sizes from 1.375" to 7.750" OD and 0.188" to 1.625" wall thickness. Markets include the automotive and other OEM industries and service centers.
- As-welded tubing is produced in sizes from 0.472" to 12.500" diameter and 0.035" to 0.685" wall thickness. It is sold to OEM markets such as automotive, construction equipment, office furniture, recreation equipment and many others and to service centers.





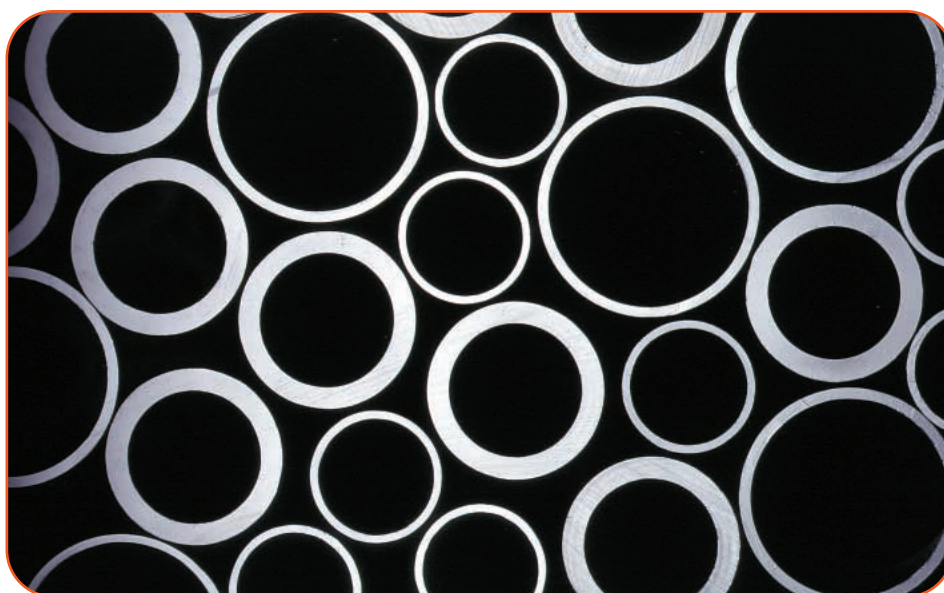
## Specialized Mechanical Tubing Products

- **TuffDOM<sup>®</sup>** tubing is a cold-drawn, stress-relieved product with ideal mechanical properties for fluid power and other demanding applications requiring high yield strength and fracture and notch toughness. It is supplied in two distinct strength levels.
- **Special Shapes** - As-welded tubing is also produced in specialized shapes, including: D-shapes, half rounds, equilateral triangles, quarter rounds, streamline shapes, star shapes, octagons, hexagons, elliptical ovals, flat ovals and oval ended rectangles.
- **Special Grades** - HSLA (high-strength, low-alloy) and ALDOM<sup>®</sup> are specific groups of steels with chemical compositions specially developed to impart higher mechanical properties, than those obtained in standard carbon steel grades.

## Mechanical Tubing Advantages

Our mechanical tubing products provide a number of common advantages. All are manufactured from high-grade carbon or alloy steels with closely controlled chemistries. Most of our facilities hold ISO 9002—and in some cases automotive industry QS-9000—quality system certifications, and they undergo a wide range of destructive and nondestructive testing to further assure product quality. Much of our mechanical tubing is custom-made for specific, demanding customer applications.

Individually, our seamless, DOM, as-welded and specialty mechanical tubing products offer particular advantages for customers. These are outlined in detailed brochures in the pocket of this folder.



These brochures also provide information on the applications for which each of these products are particularly well suited.

## Customer Services

Tubular Products offers several value-added services to its mechanical tubing customers. All of our mechanical tubing production facilities offer cut-to-length capabilities that can produce your desired finished length. Our vendor-managed inventory program offers the benefits of bottom-up forecasting, reduced cycle times, increased inventory turns, stock management, continuous tracing and reduced working capital. Electronic Data Interchange (EDI) furnishes near-instantaneous access to pertinent information regarding business transactions, and bar coding expedites product identification and flow at the customer site.

Tubular Products operates a highly efficient customer service organization for the convenience of mechanical tubing customers. The telephone numbers to call are listed in the brochures contained in the pocket of this folder.



### **MECHANICAL TUBING BUSINESS**

Contact us at one of the following locations:

132 West Main Street, Shelby, OH 44875-1471  
Telephone 800-345-8823 • Fax 800-552-9943

686 West Fairground Street, Marion, OH 43302-1706  
Telephone 800-345-8823 • Fax 800-552-9943

[www.arcelormittal.com/tubular](http://www.arcelormittal.com/tubular)



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