



# Titanium Forgings & Billet

TITANIUM · TANTALUM · ZIRCONIUM · HASTELLOY® · DUPLEX STAINLESS STEEL

[www.tricormetals.com](http://www.tricormetals.com)

[www.astrolite.com](http://www.astrolite.com)

#### Corporate Office

3225 West Old Lincoln Way  
P.O. Box 752  
Wooster, Ohio 44691  
Toll Free: 800-421-5141  
Phone: 330-264-3299  
Fax: 330-262-6678

#### Tricor Industrial Store - Wooster

823 West Bowman Street  
Wooster, Ohio 44691  
Toll free: 800-421-5141  
Phone: 330-264-3299  
Fax: 330-262-7311  
[sales@tricorindustrialinc.com](mailto:sales@tricorindustrialinc.com)

#### Tricor Industrial Store - Belmont

66921 Belmont-Morristown Rd.  
Belmont, Ohio 43718  
Phone: 740-782-0098  
Fax: 740-782-0099

#### Tricor Metals

##### Ohio Division & Corp. H.Q.

3225 W. Old Lincoln Way  
Wooster, Ohio 44691  
Phone: 330-264-3299  
Fax: 330-264-1181

#### Tricor Metals

##### Texas Division

3517 North Loop 336 West  
Conroe, Texas 77304  
Phone: 936-273-2661  
Fax: 936-273-2669

#### Tricor Metals

##### Michigan Division

44696 Helm St.  
Plymouth, MI 48170  
Phone: 734-454-3485  
Fax: 734-454-7110

#### Astrolite / Tricor Alloys

##### California Division

201 Bernoulli Circle, Units B & C  
Oxnard, CA 93030  
Phone: 805-487-7131  
Fax: 805-487-9694

We supply compacted forgings, large and small, including bar, shafts, sleeves, rings, discs, and rectangular blocks. The metallurgical properties unique to forgings result in extremely tough and strong components for a variety of applications requiring corrosion resistance.

We maintain large inventories of intermediate input stocks staged to provide excellent product within short time cycles. Custom stocking programs are also available. Contact us now for prompt service.

#### INDUSTRIES SERVED

- Mining
- Chemical
- Pulp & Paper
- Pharmaceutical
- Refinery
- Off-Shore Technology
- Flue Gas Desulfurization
- Water Purification
- Food & Beverage Industry
- Geothermal
- Steel Processing
- Marine

#### MATERIALS

- Titanium & Titanium Alloys
- Ti-Nb
- Zirconium
- Duplex Stainless Steel
- Explosive Bonded Materials

#### COMMON SPECIFICATIONS

- ASTM B381 F1, F2, F3, F4, F7 and equivalent
- ASTM B348 GR 1, 2, 3, 4, 5, 7 and equivalent
- ASTM F67, F136 and equivalent

#### UNS Numbers and ASTM Grades

R50250 Gr 1	R45400 Gr 5
R50400 Gr 2	R52400 Gr 7
R50550 Gr 3	R53400 Gr 12
R50700 Gr 4	R58450 Gr 36

#### CUSTOM FORGED PROFILES AVAILABLE

- We often provide forged profiles that can reduce part cost. Contact us anytime to discuss a forged profile for your application.

#### FORMS

- **Forged rounds (bars, shafts)** up to 20" diameter with lengths up to 38 feet
- **Forged discs (tube sheets, flanges)** – up to 124" diameter.
- **Forged blocks** – squares or rectangles up to 70" cross section
- **Forged Rings** - 6" to 110" outside diameters
- **Seamless rolled rings** – up to 240" diameter x up to 30" thick
- **Hollows / spindles / unique shapes** rounds/blocks/profiles - 2" to 450"
- **Multiple plane 'stepped' forgings** rounds/blocks/profiles - 2" to 450"
- **Reforge Billet & Ingot in Stock**
  - Greatly reduces lead times
  - Conditioned RCS and rounds available
  - Special cogging procedures enhance the final product
  - **Domestically Melted** and processed to meet **DFARS** and **Government Requirements**

#### NEW BEHRINGER SAWS ADDED IN 2011

- Bar & Billet Capacity up to 26" Cross-sections
- Plate Saw Capacity 158"L x 26.7"W x 15.7"H