



# TICO TITANIUM, INC.

## PRODUCT LIST

- **Angles**

- **Angle**

- 1/16" Thick (and above) x 3/8" Wide (and above) x Length (various)

- **Billet**

- **Round Billet**

- 4-1/2" Dia. to 17" Dia. and above x RL

- **Square Billet**

- 4" Sq. (and above) x RL

- **Bar**

- **Round Bar**

- .160" Dia. to under 4-1/2" Dia. x RL

- **Rod**

- **Threaded Rod**

- 6-32 through 1-8 x 10' to 12' RL  
[Other sizes available on request.]

- **Threaded Stud**

- 6-32 through 1-8 x Specified Lengths  
[Other sizes available on request. Refer to Threaded Rod Sizes]

- **Fasteners**

- **Hex Head Bolt**

- 8-32 through 3/4-10 Lengths through 4"  
[Other sizes available on request.]

- **Flat Head Slotted Machine Screw**

- #6 through #10 and 1/4" through 1/2" x 3/8" through 2-1/2" Long  
[Other sizes available on request.]

- **Flat Head Phillips Machine Screw**

- #8 through #10 and 5/16" through 1/2" x 3/8" through 2-1/2" Long  
[Other sizes available on request.]

- **Pan Head Phillips Machine Screw**

- #6 through #10 and 1/4" through 5/16" x 3/16" through 1-1/2" Long  
[Other sizes available on request.]

- **Pan Head Slotted Machine Screw**

- #6 through #10 and 1/4" through 5/16" x 3/16" through 1-1/2" Long  
[Other sizes available on request.]

- **Round Head Slotted Machine Screw**

- #6 through #10 and 1/4" x 1/4" through 1-1/2" Long  
[Other sizes available on request.]

- **Round Head Phillips Machine Screw**

- #8 through #10 and 1/4" x 3/8" through 1" Long  
[Other sizes available on request.]

- **Hex Socket Set Screw**

- #6 through #10 and 1/4" through 1/2" x 3/8" through 1" Long  
[Other sizes available on request.]

- **Hex Socket Cap Screws**

- #4 through #10 and 1/4" through 1/2"  
[Lengths dependent upon diameter]

- **Hex Nut**

- 8-32 through 3/4-10 Lengths through 4"  
[Other sizes available on request.]

- **Flat Washer**

- #8 through 3/4" [Other sizes on request]

- **Lock Washer**

- #8 through 3/4" [Other sizes on request]

- **Threaded Rod**

- 6-32 through 1-8 x 10' to 12' RL  
[Other sizes available on request.]

- **Fittings**

- **Elbow Long Radius Butt-Welding 90°**

- 1/2" through 48" NPS Sch 10S and 40S  
[Other Sizes and Schedules available on request.]

- **Elbow Short Radius Butt-Welding 90°**

- 1" through 24" NPS Sch 10S and 40S  
[Other Sizes and Schedules available on request.]

- **Elbow Threaded 90°**

- 1" through 4" NPS

- **Elbow Threaded 45°**

- 1" through 4" NPS

- **Elbow Long Radius Butt- Welding 45°**

- 1/2" through 48" NPS Sch 10S and 40S  
[Other Sizes and Schedules available on request.]

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- **Concentric Reducer**

- 3/4" x 1/2" through 36" x 34" NPS  
Sch 10S and Sch 40S  
[Other Schedules available on request.]



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### **Eccentric Reducer**

3/4" x 1 1/2" through 36" x 34" NPS (ANSI)  
Sch 10S and Sch 40S  
3/4" x 1/2" through 24" x 20" NPS (MSS)  
Sch 10S and Sch 40S  
[Other Schedules available on request.]

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### **Lap Joint Stub End - Short Pattern**

1/2" through 24" NPS (ANSI & MSS)  
Sch 10S and 40S  
[Other Schedules available on request.]

### **Lap Joint Stub End - Long Pattern**

1/2" through 24" NPS (ANSI) Sch 10S and 40S  
[Other Schedules available on request.]

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### **Butt Welding Short Branch Straight Tee**

1/2" through 24" NPS (MSS) Sch 10S and 40S  
[Other Schedules available on request.]

### **Butt Welding Long Branch Straight Tee**

1/2" through 48" NPS (ASME) Sch 10S and Sch 40S  
1/2" through 24" NPS (MSS) Sch 10S and Sch 40S  
[Other Schedules available on request.]

### **Butt Welding Reducing Outlet Tee**

1/2" x 1/2" x 1/4" through 48" x 48" x 46" NPS  
Sch 10S and Sch 40S (ASME)  
3/4" x 3/4" x 1/2" through 24" x 24" x 20" NPS  
Sch 10S and Sch 40S (MSS)  
[Other Schedules available on request.]

### **Threaded Tee**

1/2" through 4" NPS

### **Pipe Union**

1/4" through 1-1/2" NPS 3000# Pattern  
[Other sizes and Patterns available on request.]

### **Threaded Stud**

6-32 through 1-8 x Specified Lengths  
[Other sizes available on request. Refer to Threaded Rod Sizes]

### **Socket Welding Outlet**

Outlets: 1/4" through 18" NPS  
Pipe Run: 1/4" through 30" NPS

### **Threaded Outlet**

Outlets: 1/4" through 18" NPS  
Pipe Run: 1/4" through 34" NPS

### **Buttwelding Outlet**

Outlets: 1/4" through 18" NPS  
Pipe Run: 1/4" through 30" NPS

### **Hex Head Bushing**

1/8" through 4" NPS

### **Weld Cap**

1/2" to 48" NPS x Sch 10S and Sch 40S  
[Other Schedule sizes available on request.]

### **Threaded Pipe Cap**

1/8" to 4" NPS Class 3000 and Class 6000  
[Also referred to as 3000# & 6000# Patterns]

### **Full Coupling (Threaded)**

1 1/8" through 4" NPS "

### **Half Coupling (Threaded)**

1 1/8" through 4" NPS

### **Pipe Nipple**

1/8" through 2" Sch 40S  
[Other sizes available on request.]

### **Hex Head Pipe Plug (Threaded)**

1/8" through 4" NPS

### **Square Head Pipe Plug (Threaded)**

1/8" through 4" NPS

- **Flanges**

#### **Blind Flange (Raised Face)**

1/2" through 24" NPS (ANSI)  
12" through 60" (MSS)  
Class 150 through Class 2500

#### **Slip-On Flange (Raised Face)**

1/2" through 24" NPS  
[Larger Sizes available on request]

#### **Weld Neck Flange (Raised Face) (Ring-Type Joint)**

1/2" through 60" NPS (ANSI) [Raised Face only]  
Class 150 through Class 2500  
12" through 60" NPS (MSS)  
Class 150 through Class 900 [Raised Face]  
Class 300 through Class 900 [Ring-Type Joint]

#### **Threaded Flange**

1/2" through 24" NPS. Class 150 through 1500  
(to 12" NPS max. for Class 2500)  
[Larger Sizes available on request]

#### **Figure 8 Blanks (Spectacle Blinds)**

1/2" through 24" NPS ASME  
Class 150 through Class 2500

#### **Spectacle Blinds**

1" through 24" NPS  
The Pipe Fitters Blue Book  
150# and 300#



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## PRODUCT LIST

- **Pipe**

- **Seamless Pipe**

- 1/8" NPS through 6" NPS  
Sch 10S and Sch 40S x 20' RL max.  
[Other Schedule sizes available on request]

- **Welded Pipe**

- 3/4" NPS through 24" NPS Sch 10S and Sch 40S x 20' RL max. [May be Continuous Rolled & Welded to 8" Sch 40S or Brake Press formed and Welded from 6" NPS and above.]  
[Other Schedule sizes available on request]

- **Tube**

- **Seamless Tube**

- OD - 1/8" (3.18 mm) to 1-1/2" (38.1mm)  
Wall - .016" (4 mm) to .065" (1.65 mm)  
[Other OD Sizes and Walls available on request.]

- **Welded Tube**

- OD - 1/2" (12.7 mm) to 2" (50.8 mm)  
Wall - .028" (.71 mm) to .065" (1.65 mm)  
[Other OD Sizes and Walls available on request.]

- **Plate**

- **Plate**

- .1875" to 3" x up to 96" Wide x to 240" Long  
[Wider Widths, Custom and Special Shapes (Circles, Rectangles, Squares, Other) available on request.]

- **Sheet**

- **Sheet**

- .020" to under .187" x up to 48" Wide x Length  
Standard sizes: 48" Wide X 120" Long  
[Sheet can be sheared to any Custom size.]

- **Wire**

- **Round Wire**

- .063" OD through .214" OD x 10' / 12' RL

- **Weld Wire**

- .035" OD through .156" OD x 36" Long

- **Forgings**

- **Forged Bar**

- To approx. 20" OD  
< 8" OD = 30' > 8" OD – 12" OD = 33'  
20" OD = 16' Max Lengths  
Cut-to-size lengths available  
[Other Sizes Available On Request]

- **Forged Blank**

- 2" to approx. 70" OD or Width x Length  
[Other Sizes Available On Request]

- **Forged Block**

- Squares or Rectangles to approx. 70" Wide  
[Other Sizes Available On Request]

- **Forged Disc**

- 2" to 110" OD  
[Other Sizes Available On Request]

- **Forged Ring**

- 2" to 110" OD  
[Other Sizes Available On Request]

- **Forged Shaft**

- To approx. 20" OD; Length max. = 450"  
[Other Sizes Available On Request]

- **Forged Sleeve**

- To approx 70" OD  
[Other Sizes Available On Request]

- **Forged Tube Sheet Blank**

- 2" to approx. 70" OD or Width  
[Other Sizes Available On Request]

- **Seamless Rolled Ring**

- To approx. 160" OD; Face Height (max.) = 30"  
[Other Sizes Available On Request]



# *TICO TITANIUM, INC.* *PRODUCT LIST*

## ***SPECIALTY PRODUCTS***

- **Targets**

- Sputtering Target Tubes**

- (All configurations available on request)

- Metals: Ti, Zr, Al, Nb, Ta, Cu, Bronze, Ni, Stainless

- (Other metals available on request)

- Clamp Down Sputtering Targets**

- Plate

- (All configurations available on request)

- Metals: Ti, Zr, Al, Nb, Ta, Zn, Cu, Bronze, Hf, Ag, Sn, Cr, W, Ni, Nickel Alloys, Mo, Stainless

- (Other metals available on request)

- Bonded Sputtering Targets**

- Plate

- (All configurations available on request)

- Metals: Ti, Zr, Al, Nb, Ta, Cu, Bronze, Hf, Ag, Sn, Cr, W, Ni, Nickel Alloys, Mo, Stainless

- (Other metals available on request)

- Bolt Down Sputtering Targets**

- Plate

- (All configurations available on request)

- Metals: Ti, Zr, Al, Nb, Ta, Cu, Bronze, Hf, W, Ni, Nickel Alloys, Mo, Stainless

- (Other metals available on request)