



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

**Tricor Metals  
Texas Division**  
101 S. Trade Center Parkway  
Conroe, Texas 77385  
Phone: 1-936-273-2661  
Fax: 936-273-2669

**Tricor Metals  
Michigan Division**  
44696 Helm St.  
Plymouth, MI 48170  
Phone: 734-454-3485  
Fax: 734-454-7110

**Tricor Alloys  
California Division**  
1701 Solar Dr., Suite 225  
Oxnard, CA 93030  
Phone 805-485-5855  
Fax: 805-988-0111

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

### Titanium Weight Calculation Formulas

Lbs/Cu Inch = 0.163

#### Rounds (all dims in inches)

Lbs per linear inch -  $0.1281 \times \text{dia}^2$

Lbs per pc -  $0.128 \times \text{dia}^2 \times \text{Length}$

#### Rectangles/Squares (all dims in inches)

Weight per piece = Thickness x width x length x 0.163

#### Pipe/Tubing (all dims in inches)

$\{ \text{OD}^2 - (\text{OD} - 2 \times \text{WT})^2 \} \times \text{Length} \times 0.128$

Skelp width =  $(\text{OD} - \text{WT}) \times 3.1416 \times 12$

Where:

OD = Outside diameter and

WT = wall thickness

### Zirconium Weight Calculation Formulas

Lbs/Cu Inch = 0.237

#### Rounds (all dims in inches)

Lbs per linear inch -  $0.1863 \times \text{dia}^2$

Lbs per pc -  $0.1863 \times \text{dia}^2 \times \text{Length}$

#### Rectangles/Squares (all dims in inches)

Weight per piece = Thickness x width x length x 0.237

#### Pipe/Tubing (all dims in inches)

$\{ \text{OD}^2 - (\text{OD} - 2 \times \text{WT})^2 \} \times \text{Length} \times 0.1863$

Skelp width =  $(\text{OD} - \text{WT}) \times 3.1416 \times 12$

Where:

OD = Outside diameter and

WT = wall thickness

### Tantalum Weight Calculation Formulas

Lbs/Cu Inch = 0.6

#### Rounds (all dims in inches)

Lbs per linear inch -  $0.4712 \times \text{dia}^2$

Lbs per pc -  $0.4712 \times \text{dia}^2 \times \text{Length}$

#### Rectangles/Squares (all dims in inches)

Weight per piece = Thickness x width x length x 0.6

#### Pipe/Tubing (all dims in inches)

$\{ \text{OD}^2 - (\text{OD} - 2 \times \text{WT})^2 \} \times \text{Length} \times 0.4712$

Skelp width =  $(\text{OD} - \text{WT}) \times 3.1416 \times 12$

Where:

OD = Outside diameter and

WT = wall thickness

While this information has been compiled with care, it is for convenience and for reference only and we assume no liability for any decisions based on the content therein. It shall be your responsibility to ensure that any information in this document or on our website meets your specific requirements.