

# ALUMINUM BAR AND STRUCTURALS



**METALS**

800-203-8000  
www.twmetals.com

**The Best Specialty Metals,  
Long Products Service Center**

**For the very best in aluminum bar and structural shapes, turn to TW Metals. We have the products, processing, pricing, and quality you're looking for.**

**The aluminum products you need –  
when you need them.**

TW Metals stocks the aluminum products you need, including round, square, rectangular, and hexagonal shapes:

Grades..... 6061, 6063

Spec ..... ASTM B221  
ASTM B308

#### Weight Formulas

- Round  
Diameter x diameter x .7854 x 1.176 for 6061  
Diameter x diameter x .7854 x 1.164 for 6063
- Square & rectangular bar  
Thickness x width x 1.176 for 6061  
Thickness x width x 1.164 for 6063
- ◆ Hexagonal  
Diameter x diameter x .866 x 1.176 for 6061  
Diameter x diameter x .866 x 1.164 for 6063

*We also offer a full line of aluminum commercial shapes.*

And because we maintain a deep inventory at each of our nationwide locations, you're assured of delivery in two days or less.

**In the TUBESALES tradition.**

TW Metals carries on the quality tradition of Tubesales, one of the most respected names in metal long products and services. As a result, we bring decades of specialized experience to your order.

#### **Full processing capabilities.**

TW Metals offers specialized cutting facilities for all types of aluminum materials, ensuring accurate, straight, and distortion-free cut lengths to the tolerances you require.

#### **ISO 9001:2000 certified quality.**

We insist that suppliers meet the highest quality standards in their industries, and conduct regular inspections. And, we maintain test certificates to ensure full material traceability, along with a library of all current international standards and customer specifications.

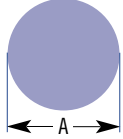
#### **Competitive prices.**

Best of all, TW Metals delivers all this quality, service, and value at highly competitive prices. And remember that additional products and alloys are available through customized supply programs tailored to your needs.

So when you want the best in tube, pipe, bar/rod, or extrusions in stainless, aluminum, nickel, alloy, or titanium, think TW Metals. Call us today at 1-800-203-8000.

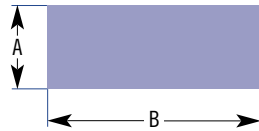


**EXTRUDED ROUND ROD**  
12 Ft. Lengths



DIAMETER INCHES (A)
.375
.500
.562
.625
.750
.875
1.000
1.125
1.188
1.250
1.312
1.375
1.500
1.625
1.750
1.875
2.000
2.125
2.250
2.375
2.500
2.625
2.750
2.875
3.000
3.125
3.250
3.375
3.500
3.750
4.000
4.250
4.500
4.750
5.000
5.250
5.500
5.750
6.000
6.125
6.250
6.750
7.000
7.250
7.500
8.000
8.500
9.000

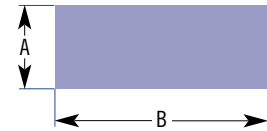
**EXTRUDED RECTANGULAR BAR**  
12 Ft. Lengths



THICKNESS (A)	DIAMETER	
	THICKNESS (A)	WIDTH (B)
.125	.750	
	1.000	
	1.500	
	2.000	
	2.000	
.188	1.000	
	1.500	
	2.000	
	3.000	
.250	.500	
	.750	
	1.000	
	1.500	
	2.000	
	2.500	
	3.000	
	4.000	
	5.000	
	6.000	
.375	.500	
	.750	
	1.000	
	1.250	
	1.500	
	1.750	
	2.000	
	2.500	
	3.000	
	4.000	
.500	.750	
	1.000	
	1.250	
	1.500	
	1.750	
	2.000	
	2.500	
	3.000	
	4.000	
	5.000	
.625	1.000	
	1.250	
	1.500	
	2.000	
	2.500	
	3.000	
	4.000	
	5.000	
	6.000	
	6.000	

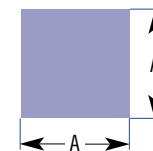
DIAMETER	
THICKNESS (A)	WIDTH (B)
.750	1.000
	1.250
	1.500
	1.750
	2.000
	2.500
1.000	3.000
	4.000
	5.000
	6.000
	1.250
	1.500
1.250	2.000
	2.500
	3.000
	3.500
	4.000
	5.000
1.500	6.000
	1.500
	2.000
	2.500
	3.000
	4.000
2.000	5.000
	6.000
	2.500
	3.000
	3.500
	4.000
2.500	5.000
	6.000
	3.000
	3.500
	4.000
	5.000
3.000	6.000
	3.500
	4.000
	4.500
	5.000
	6.000
3.500	4.000
	4.500
	5.000
	6.000
	4.000
	4.500
5.000	5.000
	6.000
	6.000
	6.000
	6.000
	6.000

**MINI-PLATE**  
12 Ft. Lengths



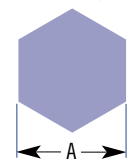
DIAMETER	
THICKNESS (A)	WIDTH (B)
.250	8.000
	10.000
	12.000
	14.000
.375	8.000
	10.000
	12.000
.500	8.000
	10.000
	12.000
	14.000
.750	8.000
	10.000
	12.000
	14.000
1.000	8.000
	10.000
	12.000
1.500	8.000
	12.000
	14.000
2.000	8.000
	8.000

**EXTRUDED SQUARE BAR**  
12 Ft. Lengths



SIZE INCHES (A)
.500
.625
.750
1.000
1.250
1.500
1.750
2.000
2.250
2.500
2.750
3.000
3.500
4.000
4.500
5.000
6.000

**EXTRUDED HEX (Hexagonal Rod)**  
12 Ft. Lengths



SIZE INCHES (A)
.750
.875
1.062
1.250