

# ALUMINUM BAR AND STRUCTURALS



twmetals.com

**Specialty Metals Leadership.  
Supply Chain Innovation.**

**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 our strategically-positioned locations nationwide, you're assured of on-time delivery.

## In the **TUBESALES** tradition.

TW Metals carries on the quality tradition of Tubesales, one of the most respected names in metal 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.

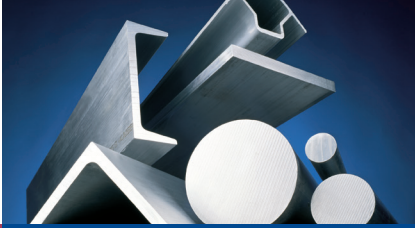
### Certified quality system.

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.

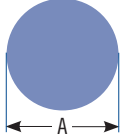
So when you want the best in tube, pipe, bar/rod, or extrusions in stainless, aluminum, nickel, alloy, or titanium, think TW Metals. Call us today at 1-800-203-8000.



# ALUMINUM BAR AND STRUCTURALS

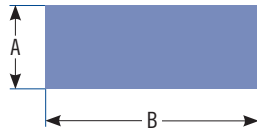
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**EXTRUDED ROUND ROD**  
12 Ft. Lengths



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

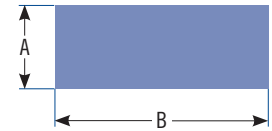
**EXTRUDED RECTANGULAR BAR**  
12 Ft. Lengths



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

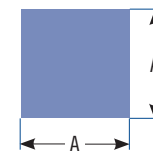
DIAMETER	
THICKNESS (A)	WIDTH (B)
.750	1.000
	1.250
	1.500
	1.750
	2.000
	2.500
	3.000
1.000	1.250
	1.500
	2.000
	2.500
	3.000
	4.000
	6.000
1.250	1.500
	2.000
	2.500
	3.000
	4.000
	5.000
	6.000
1.500	2.000
	2.500
	3.000
	3.500
	4.000
	5.000
	6.000
2.000	2.500
	3.000
	3.500
	4.000
	5.000
	6.000
	6.000
2.500	3.000
	3.500
	4.000
	5.000
	6.000
	6.000
	6.000
3.500	4.000
	4.000
	4.000
4.000	4.500
	5.000
	6.000
5.000	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
	14.000
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

ADDITIONAL SIZES ARE AVAILABLE UPON REQUEST.

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