



## CHANNEL ALLOYS PRODUCTS

Channel Alloys has exclusive partnerships with leading global aluminum mills.

### Rods, Bars, Tubes and Flat Rolled

Cold Finished: 2011, 2024, 6061, 6262, 7075

Extruded: 2024, 6061, 7075

Drawn Seamless: 2XXX, 6XXX, 7XXX

Flat Rolled: 5XXX, 6XXX

Mill Direct and DFARS Compliant stock available.

## CONTACT INFORMATION

### Channel Alloys

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📞 203-775-1404

📠 203-475-1405

✉ sales@channelalloys.com  
channelalloys.com

## WAREHOUSE LOCATIONS

### Chicago

Equipment Storage

7450 South Ashland Avenue, Chicago, IL 60636

### New Jersey

H&S Enterprises, Inc

199 Strykers Road, Phillipsburg, NJ 08865

### Los Angeles

ADS Logistics

5764 Alcoa Avenue, Vernon, CA 90058

### Houston

BLC Logistics

2095 Afton Street, Houston, TX 77055

## ALUMINUM REFERENCE CHART

### Approximate Weights for Typical 6061 Rod Sizes

For alloy 2024 multiply by 1.02, for alloy 7075 multiply by 1.03  
(Approximate multipliers, for comparison purposes only)

Size	Lbs/Foot	Lbs/12 ft.	AA Tol. (+/- in.)
1"	.92	11.1	.012
2"	3.70	44.4	.024
3"	8.31	99.7	.024
4"	14.78	177.3	.034
5"	23.09	277.0	.034
6"	33.25	399.0	.044
7"	45.34	544.0	.044
8"	59.22	711.0	.054
9"	74.95	900.0	.054
10"	92.60	1110.5	.074
11"	112.00	1344.0	.074
12"	133.25	1600.0	.084
13"	156.00	1876.5	.084
14"	182.00	2176.4	.094
15"	209.00	2498.5	.094
16"	237.00	2842.7	.104
17"	268.00	3209.2	.104
18"	300.00	3597.8	.114
19"	335.00	4008.6	.114
20"	370.00	4441.7	.124
21"	409.00	4897.0	.124
22"	448.00	5374.9	+0.6/-0.0
24"	533.00	6396.0	+0.6/-0.0
26"	624.00	7489.0	+0.6/-0.0

Diameter larger than 21" supplied as forged

## STANDARDS SPECIFICATIONS

### Alloy 6061

Extruded Rod

ASTM B221, QQ-A-200/8, AMS 4150 & 4173

Sheet & Plate

ASTM B209, QQ-A-250/11, AMS 4027

Tread Plate - ASTM B632

Cold Finish Rod

ASTM B211, QQ-A-225/8, AMS 4117, ASME SB211

### Alloy 2024

Extruded Rod

ASTM B221, QQ-A-200/3, AMS 4152 & 4165

Cold Finish Rod

ASTM B211, QQ-A-225/6, ASME SB211

### Alloy 7075

Extruded Rod

ASTM B221, QQ-A-200/11, AMS 4154 & 4169

Cold Finish Rod

ASTM B211, QQ-A-225/9, AMS 4123

### Alloy 2011

Cold Finish Rod - ASTM B211, QQ-A-225/3

### Alloy 6262

Cold Finish Rod - ASTM B211, QQ-A-225/10

## COLD FINISH TOLERANCES

Size	AA Tolerance (+/- in.)	
	Round	Hex/Sq
0.250 - 0.500	.0015	.002
0.501 - 1.000	.002	.0025
1.001 - 1.500	.0025	.003
1.501 - 2.000	.004	.005
2.001 - 3.000	.006	.008