

## Square/Rectangular Tube

Aluminum rectangular tubes and aluminum square tubes are often used for structural applications. Frequent applications of aluminum square tubes include using them for support columns, machined parts, and boating components. They have good machinability, above average corrosion resistance, and is excellent for welding.

Marine grade aluminum square tubing is often used for shipbuilding., mainly used in hull structures and generally consists of bottom plates, bottom plates, side plates, bulge plates, bulwarks, decks, bulkheads, hoardings, ribs, brackets, stringers, ribs, keels, rebar, columns and rods. It has above average corrosion resistance, good machinability, and is excellent for welding.

Generally, 6061 aluminum is used in more structural applications where strength is particularly important. This is because the 6061 grade of aluminum is one of the strongest types in addition to being lightweight, corrosion-resistant, and also possesses all of aluminum's natural and advantageous properties.

### Marine grade aluminum square tubing Specification:

Alloy: 5083, 5086, 5383, 5059, 6061, 6063, 6082, 6005A

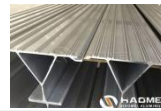
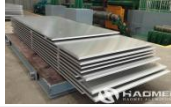
Temper: H111/H112, T5/T6

Certificate: BV /DNV /CCS/ABS/LR/KR/RINA

### Aluminum Square Tube

Size Range OD (mm)	Wall Thickness (mm)
8-150mm	0.5-20mm

Size O.D.*(inches)	Nominal Wall Thickness	Approx.Wt. (lbs./lineal ft.)
3/4	.062	.201
3/4	.125	.368
1	.062	.271
1	.125	.515
1-1/4	.065	.343
1-1/4	.125	.654
1-1/2	.062	.420



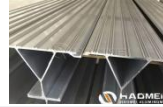
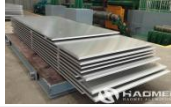
1-1/2	.125	.809
1-1/2	.188	1.161
1-3/4	.125	.955
2	.125	1.126
2	.188	1.598
2	.250	2.058
2-1/2	.125	1.383
2-1/2	.188.250	2.646
2-3/4	.188	2.266
3	0.125	1.691
3	0.188	2.487
3	.250	3.234
3-1/2	.125	1.984
4	.125	2.279
4	.250	4.410
4	.375	6.395
4	.500	8.232
6	.125	3.455

**Aluminum Rectangular Tube**

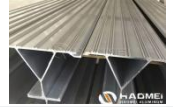
Size Range OD (mm)

Width	Height	Wall Thickness (mm)
10-220	1-120	0.5-20mm

Size O.D. *(inches)	Nominal Wall Thickness	Approx.Wt. (lbs./lineal ft.)
1/2 x1	.125	.367
3/4x1-1/2	.125	.588



1x1*1/2	.125	.661
1x2	.062	.428
1x2	.125	.809
1x3	.125	1.102
1x4	.125	1.430
1-1/4 x 2-1/2	.125	1.029
1-1/2 x 2	.125	.956
1-1/2 x 2-1/2	.125	1.103
1-1/2 x3	.125	1.250
1-1/2 x3	.187	1.824
1-1/2 x4	.125	1.544
1-3/4 x3	.125	1.323
1-3/4 x4	.125	1.617
2 x 3	.125	1.397
2 x 3	.250	2.646
2 x 4	.125	1.690
2 x 4	.250	3.201
2 x 5	.125	1.985
2 x 5	.188	2.929
2 x 6	.125	3.279
2 x 6	.188	3.372
2 x 6	.250	4.410
2 x 8	.125	2.837
3 x 4	.125	1.985
3 x 5	.125	2.279
3 x 5	.250	4.410



3 x 6	.188	3.814
4 x 6	.188	4.256
4 x 6	.250	5.586
4 x 6	.500	10.584
4 x 8	.250	6.762

