



# ALUMINIUM FLATS, ANGLES & ROUNDS

Grade 6061 A heat treatable, high strength alloy used as extrusions for sea, road and rail transport, mine skips and heavy duty containers.

Grade 6351 A heat treatable alloy used in heavy duty structures where corrosion resistance is needed such as transport applications.

Aluminum is used extensively in transport applications due to the weight savings and high strength compatibility.

Aluminum is approximately one third the mass of an equivalent steel section.

## Flat Bar 6060 T5

SIZE	LENGTH	MASS/IN
12 X 3	4000	0.396
20 X 3	4000	0.664
25 X 3	4000	0.832
25 X 4	4000	1.112
25 X 6	4000	1.660
25 X 10	4000	2.776
32 X 3	4000	1.068
32 X 6	4000	2.124
32 X 10	4000	3.544
40 X 3	4000	1.328
40 X 4	4000	1.772
40 X 6	4000	10545
40 X 10	4000	4.428
50 X 3	4000	1.660
50 X 4	4000	2.220
50 X 5	4000	2.768
50 X 6	4000	3.332
50 X 8	4500	5.000
50 X 10	4000	5.556
50 X 12	4000	6.664
60 X 6	4000	3.984



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**Bomen** (02) 6921 9119  
**Deniliquin** (03) 5881 5541  
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60 X 10	4000	6.640
60 X 12	4000	7.972
76.2 X 6.4	4000	5.380
80 X 3	4000	2.664
80 X 6	4000	5.312
80 X 10	4000	8.888
100 X 3	4000	3.332
100 X 6	4000	6.644
100 X 10	4000	11.072
100 X 12	4000	13.328
160 X 6	4000	10.628
160 X 10	4000	17.772

### Flat Bar 6061 T6

SIZE	LENGTH	MASS/IN
40 X 6	6000	3.984
50 X 6	6000	4.998
80 X 6	6000	8.00
100 X 6	6000	10.00

### Round 6060 T5

SIZE	LENGTH	MASS/IN
10.0	6000	1.302
12.0	6000	1.878
16.0	6000	3.342
20.0	6000	5.655
25.4	4000	5.604
33.0	6000	14.202
39.0	4000	13.224



## Square 6060 T5

SIZE	LENGTH	MASS/IN
12.0	4000	1.596
25.0	4000	6.944
40.0	4000	17.712

## Angle 6060 T5

SIZE	LENGTH	MASS/IN
20 X 12 X 1.6	6500	0.871
20 X 20 X 1.6	6500	1.105
20 X 20 X 3.0	6500	2.002
25 X 20 X 1.6	6500	1.248
25 X 25 X 1.6	6500	1.391
25 X 25 X 3.0	6500	2.5415
25 X 25 X 6.0	6500	4.752
32 X 25 X 3.0	6096	2.725
32 X 32 X 3.0	6500	3.289
40 X 25 X 3.0	6500	3.348
40 X 40 X 1.6	6500	1.801
40 X 40 X 3.0	6500	4.160
40 X 40 X 4.0	6500	5.473
40 X 40 X 6.0	6500	8.385
50 X 25 X 1.6	6500	2.113
50 X 25 X 3.0	6500	3.887
50 X 50 X 3.0	6500	5.239
50 X 50 X 4.0	6500	6.910
50 X 50 X 6.0	6500	10.147
76.2 X 25.4 X 3.0	6500	5.642



## Structural Angle 6061 T6

SIZE	LENGTH	MASS/IN
50 X 50 X 6.0	6500	10.205
60 X 60 X 6.0	6500	12.363
80 X 50 X 6.0	6500	13.442
80 X 80 X 6.0	6500	16.686
80 X 80 X 10.0	6500	27.125
100 X 50 X 6.0	6500	15.600

## Channel 6060 T5

SIZE	LENGTH	MASS/IN
25 X 25 X 3.0	6500	3.725
32 X 25 X 3.0	6500	4.102
40 X 20 X 3.0	6500	3.913
40 X 25 X 3.0	6500	4.531
50 X 25 X 3.0	6500	5.187
80 X 25 X 3.0	6500	6.689
100 X 25 X 3.0	6500	7.768



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## Structural Channel 6061 T6

SIZE	LENGTH	MASS/IN
80 X 40 X 6 X 6	6500	16.094
80 X 40 X 6 X 8	6500	18.701
100 X 50 X 6 X 9	6500	25.318
152.4 X 63.5 X 6.35	6500	34.587
160 X 60 X 6 X 9	6500	35.035
180 X 80 X 6 X 11	6500	48.991
200 X 90 X 8 X 10	6500	48.769

## Bull Bar Channel

SIZE	LENGTH	MASS/IN
125 X 75 X 6	7000	28.090
125 X 100 X 70 X 6	7000	31.108
148 X 100 X 6	6000	30.438
175 X 100 X 7	6500	36.030