Aluminum

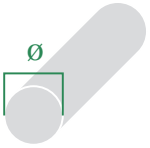
Aluminum and its alloys are practically used wherever an easily machined and light material is needed. It is a widely used material in the aerospace and electrical industries, as well as in construction and other industries. The main advantage of aluminum and its alloys compared to other materials is, in addition to low weight, excellent ductility, excellent thermal and electrical conductivity, as well as a low melting point. Despite the fact that aluminum and its alloys are not our main focus, we have a relatively large stock of two alloys: Duralumin AlMgCuPb/AW2007 and AlMgSi/AW6082.

Aluminum and its alloys
AlMgCuPb, AlMgSi

✔ IN STOCK

ON REQUEST

Round Bar



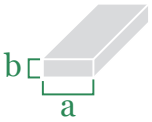
Diameter Ø [mm]:	*Theoretical weight kg/m*	Diameters	
		AW6082 /AlMgSi	**AW2007 /AlMgCuPb**
6	*0.08*	✔	✔
8	*0.14*	✔	✔
10	*0.22*	✔	✔
12	*0.32*	✔	✔
15	*0.5*	✔	✔
16	*0.57*	✔	✔
18	*0.73*	✔	✔
20	*0.9*	✔	✔
22	*1.08*	✔	✔
25	*1.4*	✔	✔
28	*1.75*	✔	✔
30	*2.01*	✔	✔
32	*2.29*	✔	✔
35	*2.74*	✔	✔
36	*2.9*		✔

Diameter Ø [mm]:	*Theoretical weight kg/m*	Diameters	
		AW6082 /AlMgSi	**AW2007 /AlMgCuPb**
40	*3.58*	✔	✔
42	*3.95*	✔	
45	*4.53*	✔	✔
50	*5.6*	✔	✔
51	*6*		✔
52	*6.05*	✔	✔
55	*6.8*	✔	✔
56	*7.02*		✔
60	*8.1*	✔	✔
63	*8.7*		✔
65	*9.5*	✔	✔
70	*11*	✔	✔
75	*12.6*	✔	✔
80	*14.4*	✔	✔
85	*16.2*	✔	✔

Diameter Ø [mm]:	*Theoretical weight kg/m*	Diameters	
		AW6082 /AlMgSi	**AW2007 /AlMgCuPb**
90	*18.2*	✔	✔
95	*20.2*	✔	✔
100	*22.4*	✔	✔
110	*27.1*	✔	✔
115	*29.7*		✔
120	*32.3*	✔	✔
125	*35*		✔
130	*37.9*	✔	✔
140	*43.9*	✔	✔
150	*50.4*	✔	✔
160	*57.4*	✔	✔
170	*64.7*	✔	
175	*65*	✔	
180	*72.6*	✔	✔

Diameter Ø [mm]:	*Theoretical weight kg/m*	Diameters	
		AW6082 /AlMgSi	**AW2007 /AlMgCuPb**
190	*80.9*	✔	✔
200	*89.6*	✔	✔
210	*98.8*	✔	✔
220	*108.4*	✔	
230	*118.5*	✔	✔
240	*129*	✔	
250	*139.9*	✔	✔
260	*151.4*	✔	✔
270	*163.2*	✔	
280	*175.5*		✔
290	*188.3*		✔
300	*201.5*		✔
400	*358.2*		✔

Flat bar

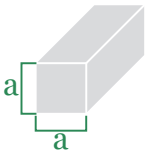


Dimensions *a x b* [mm[	*Theor. weight [kg/m]*	**AW6082/AlMgSi**
15x5	*0.21*	✔
20x5	*0.29*	✔
20x8	*0.46*	✔
20x10	*0.57*	✔
20x12	*0.68*	✔
20x15	*0.86*	✔
25x8	*0.57*	✔
25x10	*0.71*	✔
25x12	*0.86*	✔
30x2	*0.17*	✔
30x4	*0.34*	✔
30x5	*0.43*	✔
30x6	*0.51*	✔

Dimensions *a x b* [mm[	*Theor. weight [kg/m]*	**AW6082/AlMgSi**
30x10	*0.86*	✔
30x15	*1.28*	✔
30x20	*1.71*	✔
30x25	*2.14*	✔
40x5	*0.57*	✔
40x6	*0.68*	✔
40x8	*0.91*	✔
40x10	*1.14*	✔
40x12	*1.37*	✔
40x15	*1.71*	✔
40x20	*2.28*	✔
40x25	*2.85*	✔
40x30	*3.42*	✔

Dimensions *a x b* [mm[	*Theor. weight [kg/m]*	**AW6082/AlMgSi**	Dimensions *a x b* [mm[	*Theor. weight [kg/m]*	**AW6082/AlMgSi**
50x3	*0.43*	✔	80x40	*9.12*	✔
50x5	*0.71*	✔	80x50	*11.4*	✔
50x6	*0.86*	✔	90x10	*2.57*	✔
50x8	*1.14*	✔	90x20	*5.13*	✔
50x10	*1.43*	✔	90x30	*7.7*	✔
50x12	*1.71*	✔	100x8	*2.28*	✔
50x15	*2.14*	✔	100x10	*2.85*	✔
50x20	*2.85*	✔	100x12	*3.42*	✔
50x30	*4.28*	✔	100x15	*4.28*	✔
50x35	*4.8*	✔	100x20	*5.7*	✔
50x40	*5.7*	✔	100x25	*7.13*	✔
60x5	*0.86*	✔	100x30	*8.55*	✔
60x10	*1.71*	✔	100x35	*9.4*	✔
60x12	*2.05*	✔	100x40	*11.4*	✔
60x15	*2.57*	✔	100x50	*14.25*	✔
60x20	*3.42*	✔	100x60	*17.1*	✔
60x25	*4.28*	✔	120x10	*3.42*	✔
60x30	*5.13*	✔	120x15	*5.13*	✔
60x40	*6.84*	✔	120x20	*6.84*	✔
70x10	*2*	✔	120x25	*8.1*	✔
70x15	*2.99*	✔	120x30	*10.26*	✔
70x20	*3.99*	✔	120x40	*13.68*	✔
70x25	*4.99*	✔	150x10	*4.28*	✔
70x30	*5.99*	✔	150x15	*6.41*	✔
70x40	*7.98*	✔	150x20	*8.55*	✔
80x5	*1.14*	✔	180x15	*7.3*	✔
80x10	*2.28*	✔	200x10	*5.7*	✔
80x12	*2.74*	✔	200x15	*8.55*	✔
80x15	*3.42*	✔	200x20	*11.4*	✔
80x20	*4.56*	✔	200x30	*16.2*	✔
80x25	*5.7*	✔	200x40	*21.6*	✔
80x30	*6.84*	✔	200x50	*27*	✔

Square bar

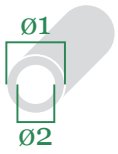


Dimensions *a x a* [mm]	*Theor. weight kg/m*	**AW6082 /AlMgSi**	**AW2007 /AlMgCuPb**
10x10	*0.29*	✔	
12x12	*0.41*	✔	✔
15x15	*0.64*	✔	
20x20	*1.14*	✔	✔
25x25	*1.78*	✔	✔
30x30	*2.57*	✔	✔
35x35	*3.49*	✔	✔
40x40	*4.56*	✔	✔
45x45	*5.77*	✔	
50x50	*7.13*	✔	✔
60x60	*10.26*	✔	✔
70x70	*13.97*	✔	✔
80x80	*1.24*	✔	✔
90x90	*23.09*	✔	✔
100x100	*28.5*	✔	✔
120x120	*41.04*	✔	

Weights listed in the catalog are theoretical. We invoice the actual (measured) weight.

Dimensions not listed in the catalog can be provided upon request.

Tube



Diameters *Ø1/Ø2* [mm]	*Theoretical weight [kg/m]*	**AW6082 AW6060**
30x3	*0.69*	✔
30x5	*1.12*	✔
40x5	*1.57*	✔
40x10	*2.69*	✔
45x5	*1.696*	✔
50x2	*0.86*	✔
50x5	*2.01*	✔
50x10	*3.58*	✔
50x15	*4.453*	✔
55x10	*3.82*	✔
60x5	*2.46*	✔
60x10	*4.48*	✔
60x15	*5.73*	✔
70x5	*2.91*	✔
75x10	*5.6*	✔
80x3	*2*	✔
80x5	*3.36*	✔
80x10	*6.27*	✔
80x15	*8.73*	✔
90x10	*6.8*	✔
90x15	*10.07*	✔
90x25	*13.8*	✔
100x10	*8.06*	✔
110x10	*8.5*	✔
110x5	*4.5*	✔
120x10	*9.4*	✔
120x15	*14.1*	✔
130x10	*10.2*	✔
150x15	*18.13*	✔