

ALUMINIUM ROUND BAR DIAMETER AVAILABILITY AND WEIGHT CHART

Diameter		Alloys Weight Kg/m	2014A	5083	6063	6082	7075
Size Metric mm	Size Imperial						
6.0		0.076					
6.35	1/4"	0.089					
7.94	5/16"	0.138					
8.37	11/32"	0.172					
9.53	3/8"	0.199					
10.0		0.211					
11.11	7/16"	0.271					
12.0		0.305					
12.7	1/2"	0.354					
14.29	9/16"	0.448					
15.0		0.479					
15.88	5/8"	0.554					
17.46	1 1/16"	0.67					
18.0		0.685					
19.05	3/4"	0.796					
20.0		0.852					
20.64	1 3/16"	0.933					
22.0		1.031					
22.23	7/8"	1.083					
23.82	1 5/16"	1.207					
25.0		1.32					
25.4	1"	1.414					
26.99	1 1/16"	1.56					
25.58	1 1/8"	1.786					
30.0		1.917					
30.16	1 3/16"	1.95					
31.75	1 1/4"	2.202					
33.34	1 5/16"	2.37					
34.93	1 3/8"	2.679					
36.51	1 7/16"	2.84					
38.1	1 1/2"	3.185					
36.69	1 9/16"	3.36					
40.0		3.41					
41.28	1 5/8"	3.74					
42.86	1 11/16"	3.92					
44.45	1 3/4"	4.21					
45.0		4.31					
46.04	1 13/16"	4.52					
47.63	1 7/8"	4.97					
49.22	1 15/16"	5.3					
50.0		5.32					
50.8	2"	5.497					

Diameter		Alloys Weight Kg/m	2014A	5083	6063	6082	7075
Size Metric mm	Size Imperial						
53.98	2 1/8"	6.22					
55.0		6.44					
57.15	2 1/4"	6.957					
60.0		7.66					
30.33	2 3/8"	7.75					
63.5	2 1/2"	8.86					
65.0		9					
66.68	2 5/8"	9.47					
69.85	2 3/4"	10.4					
70.0		10.44					
73.03	2 7/8"	11.4					
75.0		11.98					
76.2	3"	12.37					
80.0		13.63					
82.55	3 1/4"	14.57					
85.73	3 3/8"	15.67					
88.9	3 1/2"	16.82					
90.0		17.25					
92.08	3 5/8"	18.02					
95.25	3 3/4"	19.35					
98.43	3 7/8"	20.7					
100.0		21.3					
101.6	4"	22.02					
104.78	4 1/8"	23.38					
107.95	4 1/4"	24.85					
110.0		25.77					
111.13	4 3/8"	26.23					
114.3	4 1/2"	27.83					
117.48	4 5/8"	29.64					
120.0	4 3/4"	30.96					
123.83	4 7/8"	32.73					
127.0	5"	34.4					
130.0		35.97					
130.18	5 1/8"	35.98					
133.35	5 1/4"	37.8					
139.7	5 1/2"	41.57					
146.05	5 3/4"	45.4					
150.0		47.92					
152.4	6"	49.4					
155.58	6 1/8"	51.56					
158.75	6 1/4"	54.5					
161.93	6 3/8"	55.85					

Diameter		Alloys Weight Kg/m	2014A	5083	6063	6082	7075
Size Metric mm	Size Imperial						
165.1	6 1/2"	58.0					
171.45	6 3/4"	62.5					
177.8	7"	67.3					
180.0		69.01					
184.15	7 1/4"	72.1					
190.5	7 1/2"	77.2					
196.85	7 3/4"	82.537					
200.0		85.2					
203.2	8"	87.948					
206.38	8 1/8"	91.23					
209.55	8 1/4"	93.53					
210.0		99.93					
215.9	8 1/2"	99.3					
220.0		103.1					
222.25	8 3/4"	105.2					
228.6	9"	111.3					
234.95	9 1/4"	117.57					
241.3	9 1/2"	124.7					
250.0		133.1					
254.0	10"	137.4					
260.0		143.99					
260.35	10 1/4"	144.37					
266.7	10 1/2"	150.6					
279.4	11"	166.2					
285.75	11 1/4"	173.92					
292.1	11 1/2"	181.74					
304.8	12"	198.0					
311.15	12 1/4"	205.9					
330.2	13"	231.8					
355.6	14"	269.8					
400.0		340.7					
406.4	16"	351.01					
410.0		358.053					
450.0							
500.0							

- Identifies items and specifications available from metalweb plc stock. Allow 24 to 48 hours processing time for delivery in the UK.
- Identifies items and specifications not readily available from stock. However these items are normally available within 7 to 10 days, and not likely to be subject to minimum order quantities.
- Identifies items and specifications not readily available from stock and in some cases subject to long lead times and minimum order quantities.