

Round Bar Standard Sizes

Metric Chart for Round Bar Sizes in mm

Nominal Diameter (mm)	Tolerance (mm)	Weight per Meter (kg)	Material
10	±0.2	6.3	Carbon Steel
12	±0.3	9.4	Stainless Steel
16	±0.4	15.9	Mild Steel
20	±0.5	25.1	Aluminum
25	±0.6	39.3	Brass
30	±0.7	56.5	Copper
35	±0.8	76.6	Titanium
40	±0.9	99.7	Inconel
45	±1.0	125.7	Hastelloy
50	±1.1	154.6	Monel

Imperial Chart for Round Bar Sizes in inch

Nominal Diameter (in)	Tolerance (in)	Weight per Foot (lb)	Material
1/4	±0.002	0.167	Carbon Steel
3/8	±0.003	0.375	Stainless Steel
1/2	±0.004	0.663	Mild Steel
3/4	±0.006	1.48	Aluminum
1	±0.008	2.66	Brass
1.25	±0.010	4.13	Copper
1.5	±0.012	5.95	Titanium
1.75	±0.014	8.13	Inconel
2	±0.016	10.65	Hastelloy
2.5	±0.020	16.5	Monel



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