

Stainless Steel Round Bar Sizes and Weight :

Stainless Steel Round Bar Sizes :

Type	Sizes (mm)	Sizes (Inches)	ISO Tolerance
Cold Drawn and Polish	3.00 - 75.00	1/8 - 3.00	h8-h9-h10-h11
Cold Drawn and Ground	10.00 - 75.00	5/6 - 2.50	h8-h9-h10-h11
Peeled and Polished	40.00 - 150.00	1.50 - 6.00	h11, h11-DIN 1013
Peeled and Ground	20.00 - 50.00	3/4 - 2.00	h9-h10-h11

Stainless Steel Round Bar Weight per Foot and Meter :

Size in millimeter	Weight	
	KG/Meter	KG/Foot
10	0.62	0.18
12	0.90	0.30
14	1.20	0.40
16	1.60	0.50
18	2.00	0.60
20	2.50	0.80
22	3.00	0.90
24	3.56	1.08
25	3.90	1.20
28	4.80	1.50
30	5.55	1.69
32	6.30	1.90
34	7.14	2.18
36	8.00	2.44

40	9.90	3.00
45	12.49	3.81
50	15.40	4.70
56	19.34	5.89
60	22.20	6.80
63	24.47	7.46
63.5	24.86	7.58
65	26.05	7.94
70	30.20	9.20
73	32.86	10.00
75	34.72	10.58
78	37.51	11.43
80	39.50	12.00
83	42.47	12.95
85	44.55	13.58
90	50.00	15.20
92	52.19	15.91
93	53.39	16.27
95	55.65	16.95
100	61.66	18.79
105	67.98	20.72
110	74.60	22.74
115	81.64	24.88

125	96.34	29.36
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Stainless Steel Hollow Bar Sizes :

O.D in	I.D in	O.D.		I.D		Weight lb/ft
		Max. O.D in.	Min. I.D in.	Max. O.D in.	Min. I.D in.	
1.26	0.79	1.22	0.86	1.19	0.83	2.82
	0.63	1.22	0.71	1.18	0.67	3.41
1.42	0.98	1.38	1.06	1.34	1.02	3.06
	0.79	1.38	0.87	1.34	0.83	3.97
	0.63	1.38	0.71	1.33	0.67	4.56
1.57	1.10	1.54	1.18	1.50	1.14	3.69
	0.98	1.54	1.06	1.50	1.02	4.35
	0.79	1.54	0.87	1.49	0.83	5.26
1.77	1.26	1.73	1.33	1.70	1.30	4.50
	1.10	1.73	1.18	1.69	1.14	5.49
	0.79	1.73	0.87	1.69	0.83	7.06
1.97	1.42	1.93	150	1.89	1.46	5.38
	1.26	1.93	1.34	1.89	1.30	6.52
	0.98	1.93	1.07	1.88	1.02	8.13
2.20	1.57	2.17	1.65	2.13	1.61	6.85
	1.42	2.17	1.50	2.12	1.46	8.13
	1.10	2.17	1.19	2.11	1.14	10.2
2.48	1.97	2.44	2.04	2.41	2.01	6.66
	1.57	2.44	1.66	2.39	1.61	10.3
	1.42	2.44	1.51	2.39	1.46	11.6
	1.26	2.44	1.35	2.39	1.30	12.8
2.80	2.20	2.75	2.28	2.71	2.24	8.67
	1.77	2.75	1.86	2.70	1.81	13.2
	1.57	2.75	1.67	2.70	1.61	15.0
	1.42	2.75	1.52	2.69	1.46	16.2
2.95	1.57	2.91	1.67	2.85	1.61	17.5
3.15	2.48	3.10	2.56	3.06	2.52	11.0
	1.97	3.10	2.06	3.05	2.01	17.0
	1.77	3.10	1.87	3.04	1.81	19.0
	1.57	3.10	1.68	3.04	1.61	20.8
3.35	1.77	3.30	1.87	3.23	1.81	22.5
3.54	2.80	3.49	2.88	3.45	2.84	13.8
	2.48	3.49	2.57	3.44	2.52	18.2
	2.20	3.49	2.30	3.43	2.24	21.7
	1.97	3.49	2.07	3.43	2.01	24.3
3.74	1.97	3.68	2.07	3.61	2.01	28.3
3.94	3.15	3.88	3.24	3.83	3.20	16.4

	2.80	3.88	2.89	3.83	2.84	22.0
	2.48	3.88	2.58	3.82	2.52	26.3
	2.20	3.88	2.31	3.81	2.24	28.4
4.17	3.15	4.11	3.25	4.06	3.20	21.7
	2.80	4.11	2.89	4.06	2.84	27.3
	2.48	4.11	2.59	4.04	2.52	31.6
	2.20	4.11	2.32	4.04	2.24	35.0
4.41	3.54	4.34	3.64	4.30	3.60	20.3
	3.15	4.34	3.25	4.29	3.20	27.3
	2.80	4.34	2.90	4.28	2.84	32.8
	2.48	4.34	2.59	4.27	2.52	37.2
4.65	3.54	4.57	3.65	4.52	3.60	26.2
	3.15	4.57	3.26	4.51	3.20	33.2
	2.80	4.57	2.91	4.51	2.84	38.7
	2.48	4.57	2.60	4.50	2.52	43.1
4.92	3.94	4.85	4.04	4.80	4.00	25.7
	3.54	4.85	3.65	4.79	3.60	33.5
	3.15	4.85	3.26	4.78	3.20	40.5
	2.80	4.85	2.91	4.77	2.84	46.0
5.20	4.17	5.12	4.28	5.07	4.24	28.2
	3.54	5.12	3.66	5.06	3.60	41.1
	3.15	5.12	3.27	5.04	3.20	48.0
	2.80	5.12	2.92	5.04	2.84	53.6
5.51	4.41	5.43	4.53	5.38	4.48	32.1
	3.94	5.43	4.06	5.37	4.00	42.5
	3.54	5.43	3.67	5.36	3.60	50.3
	3.15	5.43	3.28	5.35	3.20	57.3
5.91	4.92	5.81	5.04	5.77	5.00	31.9
	4.17	5.81	4.30	5.75	4.24	49.9
	3.74	5.81	3.87	5.74	3.80	58.9
	3.15	5.81	3.29	5.72	3.20	67.9
6.30	5.20	6.20	5.33	6.15	5.28	37.8
	4.41	6.20	4.55	6.13	4.48	57.7
6.69	5.51	6.59	5.65	6.54	5.59	42.9
	5.12	6.59	5.26	6.53	5.2	53.9
	4.65	6.59	4.79	6.52	4.72	66.1
7.09	5.91	6.98	6.05	6.93	6	46
	5.51	6.98	5.66	6.92	5.59	57.9
	4.92	6.98	5.07	6.9	5	73.9
7.48	6.3	7.37	6.45	7.31	6.39	49.1
	5.91	7.37	6.06	7.3	6	61.8
	5.2	7.37	5.35	7.29	5.28	82.7
7.87	6.3	7.76	6.46	7.69	6.39	65.6
	5.91	7.76	6.07	7.69	6	78.6
	5.51	7.76	5.68	7.67	5.59	90
8.35	6.69	8.22	6.86	8.16	6.8	73.2
5.12	8.22	5.3	8.12	5.2	122.3	

8.82	7.09	8.69	7.26	8.62	7.19	81.3
	5.51	8.69	5.7	8.58	5.59	133.7
9.29	7.48	9.15	7.66	9.08	7.59	89.4
	5.91	9.15	6.1	9.04	6	145.1
9.84	7.87	9.69	8.07	9.62	7.99	102.8

Stainless Steel Hex Bar Sizes :

Sizes(inches)	Sizes (inch) (mm)	Weight	Weight
3/16	0.1875 4.7625	0.1035 lbs/ft 0.154008 kg/m	1.242 lbs 0.562626 kg
1/4	0.25 inches 6.35	0.1841 lbs/ft 0.2739408 kg/m	2.209 lbs 1.000677 kg
3/8	0.375 9.525	0.4142 lbs/ft 0.6163296 kg/m	4.970 lbs 2.25141 kg
7/16	0.4375 11.1125	0.5637 lbs/ft 0.8387856 kg/m	6.765 lbs 3.064545 kg
1/2	0.5 12.7	0.7363 lbs/ft 1.0956144 kg/m	8.835 lbs 4.002255 kg
5/8	0.625 15.875	1.1504 lbs/ft 1.7117952 kg/m	13.805 lbs 6.253665 kg
11/16	0.6875 17.4625	1.3920 lbs/ft 2.071296 kg/m	16.704 lbs 7.566912 kg
3/4	0.75 19.05	1.6566 lbs/ft 2.4650208 kg/m	19.879 lbs 9.005187 kg
13/16	0.8125 20.6375	1.9442 lbs/ft 2.8929696 kg/m	23.331 lbs 10.568943 kg
7/8	0.875 22.225	2.2548 lbs/ft 3.3551424 kg/m	27.058 lbs 12.257274 kg
15/16	0.9375 23.8125	2.5885 lbs/ft 3.851688 kg/m	31.062 lbs 14.071086 kg
1	1 25.4	2.9451 lbs/ft 4.3823088 kg/m	35.341 lbs 16.009473 kg
1 1/16	1.0625 26.9875	3.3247 lbs/ft 4.9471536 kg/m	39.897 lbs 18.073341 kg
1 1/8	1.125 28.575	3.7274 lbs/ft 5.5463712 kg/m	44.729 lbs 20.262237 kg
1 1/4	1.25 31.75	4.6017 lbs/ft 6.8473296 kg/m	55.220 lbs 25.01466 kg
1 3/8	1.375 34.925	5.5681 lbs/ft 8.2853328 kg/m	66.817 lbs 30.268101 kg
1 7/16	1.4375 36.5125	6.0858 lbs/ft 9.0556704 kg/m	73.029 lbs 33.082137 kg
1 1/2	1.5 38.1	6.6265 lbs/ft 9.860232 kg/m	79.518 lbs 36.021654 kg
1 5/8	1.625 41.275	7.7769 lbs/ft 11.5720272 kg/m	93.323 lbs 42.275319 kg

Sizes(inches)	Sizes (inch) (mm)	Weight	Weight
1 3/4	1.75 44.45	9.0193 lbs/ft 13.4207184 kg/m	108.232 lbs 49.029096 kg
1 7/8	1.875 47.625	10.3538 lbs/ft 15.4064544 kg/m	124.246 lbs 56.283438 kg
2	2 50.8	11.7804 lbs/ft 17.5292352 kg/m	141.364 lbs 64.037892 kg
2 1/8	2.125 53.975	13.2989 lbs/ft 19.7887632 kg/m	159.587 lbs 72.292911 kg
2 1/4	2.25 57.15	14.9095 lbs/ft 22.185336 kg/m	178.914 lbs 81.048042 kg
2 3/4	2.75 69.85	22.2723 lbs/ft 33.1411824 kg/m	267.267 lbs 121.071951 kg

Stainless Steel Square Bar Sizes :

Metric (in)	Imperial (in)
6mm	1/4'
8mm	5/16'
10mm	3/8'
12mm	1/2'
13mm	5/8'
14mm	3/4'
15mm	7/8'
16mm	1"
18mm	1 1/4'
20mm	1 1/2'
22mm	1 3/4'
25mm	2"
30mm	4"
35mm	
40mm	
45mm	

50mm	
60mm	
70mm	
75mm	
80mm	
90mm	
100mm	
120mm	
150mm	

Stainless Steel Square Bar Sizes : (SS 304, 316)

Size (mm)	Weight per metre (Kg)	Size (mm)	Weight per metre (Kg)
12 x 12	1.14	30x30	7.11
16 x 16	2.02	40 x 40	12.60
20 x 20	3.16	50 x 50	19.80
25 x 25	4.94		

Stainless Steel Flat Bar Sizes and Weight per foot :

Size (mm)	Weight (kg/foot)	Weight (Kg/meter)
12 x 3	0.086	0.282
12 x 5	0.143	0.470
18 x 4	0.180	0.585
20 x 3	0.143	0.470
20 x 5	0.241	0.790
20 x 6	0.287	0.942

25 x 3	0.183	0.600
25 x 5	0.305	1.000
25 x 6	0.365	1.197
25 x 8	0.470	1.550
25 x 10	0.609	1.998
25 x 12	0.731	2.398
32 x 3	0.243	0.798
32 x 5	0.395	1.296
32 x 6	0.457	0.457
32 x 8	0.671	2.202
32 x 10	0.854	2.802
32 x 12	1.005	3.297
32 x 16	1.342	4.403
40 x 3	0.274	0.899
40 x 5	0.487	1.598
40 x 6	0.580	1.903
40 x 8	0.762	2.500
40 x 10	0.945	3.100
40 x 12	1.158	3.799
40 x 16	1.523	4.997

40 x 20	1.920	6.300
40 x 25	2.407	7.897
40 x 32	2.897	9.505
50 x 3	0.365	1.197
50 x 5	0.609	1.998
50 x 6	0.731	2.398
50 x 8	0.944	3.097
50 x 10	1.188	3.898
50 x 12	1.432	4.698
50 x 16	1.920	6.300
50 x 20	2.377	7.799
50 x 25	2.986	9.797
50 x 40	4.754	15.598
63 x 6	0.915	3.002
63 x 8	1.219	4.000
63 x 10	1.500	4.922
63 x 12	1.798	5.899
63 x 16	2.407	7.897
63 x 20	3.017	9.899
63 x 25	3.779	12.399

63 x 32	4.815	15.798
63 x 40	6.034	19.798
75 x 6	1.066	3.498
75 x 8	1.432	4.698
75 x 10	1.798	5.899
75 x 12	2.163	7.097
75 x 16	2.864	9.397
75 x 20	3.596	11.798
75 x 25	4.480	14.699
75 x 40	7.200	23.600
100 x 6	1.432	4.698
100 x 8	1.920	6.300
100 x 10	2.377	7.798
100 x 12	2.864	9.397
100 x 16	3.840	12.599
100 x 20	4.785	15.700
100 x 25	5.973	19.599
100 x 32	7.650	25.099
100 x 40	9.500	31.170
125 x 6	1.800	5.900

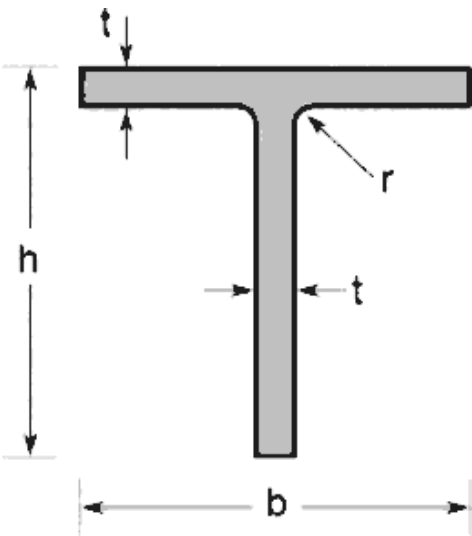
125 x 8	2.400	7.900
125 x 10	2.986	9.797
125 x 12	3.596	11.798
125 x 16	4.800	15.750
125 x 20	5.973	19.597
125 x 25	7.500	24.600
125 x 32	9.570	31.399
150 x 6	2.200	7.218
150 x 8	2.850	9.400
150 x 10	3.596	11.798
150 x 12	4.297	14.098
150 x 16	5.729	18.797
150 x 20	7.192	23.597
150 x 25	8.991	29.499
150 x 32	11.490	37.699
150 x 40	14.355	47.099

Size (mm)	Weight (kg/foot)	Weight (kg/meter)
21 x 6	0.3	1
28 x 6	0.4	1.3

30 x 3	0.2	0.7
30 x 5	0.4	1.2
30 x 6	0.4	1.4
38 x 3	0.4	1.4
38 x 5	0.5	1.5
38 x 12	1.1	3.6
45 x 12	1.3	4.2
50 x 4	2	1.6
60 x 6	0.9	2.8
65 x 8	1.2	4.1
65 x 10	1.6	5.1
65 x 12	1.9	6.1
65 x 16	2.5	8.2
65 x 20	3.1	10.2
65 x 25	3.9	12.8
75 x 32	4.5	18.9
200 x 6	2.9	9.4
200 x 8	3.8	12.6
200 x 10	4.8	15.7
200 x 12	5.7	18.8

200 x 16	7.7	25.1
200 x 20	9.6	31.4
200 x 25	12	39.2
250 x 6	3.6	11.8
250 x 8	4.8	15.7
250 x 10	6	19.6
250 x 12	7.2	23.6
250 x 16	9.6	31.4
250 x 20	12	29.2
250 x 25	15	49.1
300 x 6	4.3	14.1
300 x 8	5.8	18.8
300 x 10	7.2	23.6
300 x 12	8.6	28.3
300 x 16	11.5	37.7

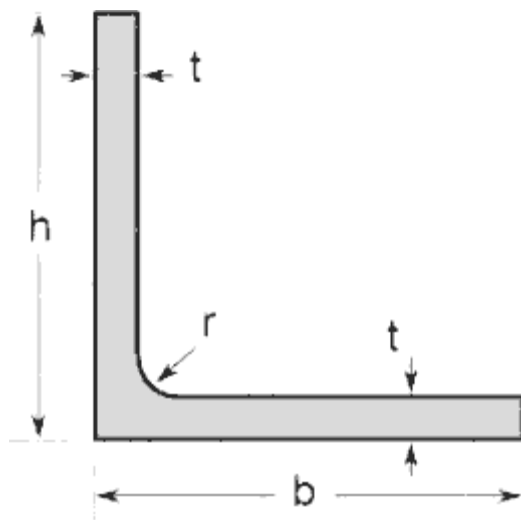
Stainless Steel T Bar Sizes :



Sizes	kg/m	h = b	t	r
20x20x3	0.9	20	3	2
25x25x3	1.14	25	3	2
30x30x3	1.38	30	3	2
30x30x4	1.81	30	4	2
40x40x3	1.86	40	3	2
40x40x4	2.45	40	4	2
40x40x5	3.01	40	5	2
45x45x4	2.77	45	4	2
50x50x3	2.34	50	3	2
50x50x4	3.09	50	4	2
50x50x5	3.81	50	5	2
50x50x6	4.53	50	6	2
60x60x6	5.49	60	6	2
65x65x6	5.97	65	6	2
65x65x9	8.73	65	9	2

Sizes	kg/m	h = b	t	r
70x70x7	7.46	70	7	2
75x75x6	6.93	75	6	2
75x75x9	10.17	75	9	2
80x80x8	9.74	80	8	2
90x90x9	12.33	90	9	2
100x100x6	9.33	100	6	2
100x100x8	12.3	100	8	2
100x100x9	13.77	100	9	2
100x100x10	15.21	100	10	2
120x120x10	18.41	120	10	2
120x120x13	23.62	120	13	2
125x125x6	11.73	125	6	2
125x125x9	17.37	125	9	2
140x140x10	21.61	140	10	2
140x140x13	27.78	140	13	2
150x150x6	14.13	150	6	2
150x150x9	20.97	150	9	2

Stainless Steel Angle Bar Sizes :



Size	kg/m	h = b	t	r
15x15x2	0.45	15	2	2.5
15x15x3	0.65	15	3	2.5
20x20x2	0.61	20	2	2.5
20x20x3	0.9	20	3	3.5
25x25x3	1.14	25	3	3.5
25x25x4	1.48	25	4	3.5
25x25x5	1.82	25	5	3.5
30x30x3	1.39	30	3	5
30x30x4	1.81	30	4	5
30x30x5	2.22	30	5	5
35x35x4	2.13	35	4	5
40x40x3	1.87	40	3	5
40x40x4	2.46	40	4	6
40x40x5	3.03	40	5	6
40x40x6	3.58	40	6	6
45x45x4	2.78	45	4	6

Size	kg/m	h = b	t	r
45x45x5	3.43	45	5	6
50x50x3	2.37	50	3	7
50x50x4	3.11	50	4	7
50x50x5	3.84	50	5	7
50x50x6	4.55	50	6	7
60x60x6	5.53	60	6	8
60x60x7	6.33	60	6	8
65x65x6	6.02	65	6	9
65x65x8	7.88	65	8	9
65x65x9	8.78	65	9	9
75x75x6	6.98	75	6	9
75x75x8	9.16	75	8	9
75x75x9	10.22	75	9	9
75x75x10	11.27	75	10	9
80x80x6	7.48	80	6	10
80x80x8	9.81	80	8	10
90x90x9	12.4	90	9	10
100x100x6	9.44	100	6	12
100x100x8	12.41	100	8	12
100x100x9	13.88	100	9	12
100x100x10	15.32	100	10	12
120x120x8	14.85	120	8	2
120x120x10	18.52	120	10	12
120x120x12	21.89	120	12	2

Size	kg/m	h = b	t	r
120x120x15	27	120	15	2
125x125x8	15.49	125	8	2
125x125x9	17.48	125	9	12
125x125x10	19.32	125	10	12
125x125x12	22.97	125	12	12
125x125x15	28.2	125	15	2
130x130x8	16.13	130	8	2
130x130x9	18.08	130	9	2
130x130x10	20	130	10	2
130x130x12	23.81	130	12	2
130x130x15	29.4	130	15	2
150x150x8	18.69	150	8	2
150x150x9	21.08	150	9	12
150x150x10	23.32	150	10	12
150x150x12	27.77	150	12	12
150x150x15	34.2	150	15	2
175x175x12	32.45	175	12	2
175x175x15	40.2	175	15	2
200x200x12	37.25	200	12	2
200x200x13	40.25	200	13	2
200x200x15	46.2	200	15	2

Stainless Steel Rod Sizes and Weight per Foot :

www.simplexsteel.com

Size in millimeter	Weight	
	KG/Meter	KG/Foot
10	0.62	0.18
12	0.90	0.30
14	1.20	0.40
16	1.60	0.50
18	2.00	0.60
20	2.50	0.80
22	3.00	0.90
24	3.56	1.08
25	3.90	1.20
28	4.80	1.50
30	5.55	1.69
32	6.30	1.90
34	7.14	2.18
36	8.00	2.44
40	9.90	3.00
45	12.49	3.81
50	15.40	4.70
56	19.34	5.89
60	22.20	6.80
63	24.47	7.46
63.5	24.86	7.58

65	26.05	7.94
70	30.20	9.20
73	32.86	10.00
75	34.72	10.58
78	37.51	11.43
80	39.50	12.00
83	42.47	12.95
85	44.55	13.58
90	50.00	15.20
92	52.19	15.91
93	53.39	16.27
95	55.65	16.95
100	61.66	18.79
105	67.98	20.72
110	74.60	22.74
115	81.64	24.88