



MILD STEEL WEIGHT CHART

Sizes & Weights of Hot Rolled Steel (Long)



BOUGHT TO YOU BY:



IS : 2062
IS : 7452



®



Since 1947

“THE SYMBOL OF QUALITY”



MS Squares



MS Channels



MS Angles



T Angles



Mullion



MS Flats



Z Angles



Gate Channel

ISI APPROVED STEEL RE-ROLLERS ISO 9001 : 2008 APPROVED ORGANISATION

MANUFACTURERS / EXPORTERS & FABRICATORS OF HOT ROLLED STRUCTURAL STEEL PRODUCTS

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EQUAL ANGLES

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
35 x 35 x 5	2.60	15.60	64
35 x 35 x 6	3.00	18.00	56
38 x 38 x 3	1.71	10.26	97
40 x 40 x 5	3.00	18.00	56
40 x 40 x 6	3.50	21.00	48
45 x 45 x 5	3.40	20.40	49
45 x 45 x 6	4.00	24.00	42
50 x 50 x 5	3.80	22.80	44
50 x 50 x 6	4.50	27.00	37
60 x 60 x 5	4.50	27.00	37
65 x 65 x 5	4.90	29.40	34
65 x 65 x 6	5.80	34.80	29
65 x 65 x 8	7.70	46.20	22
65 x 65 x 10	9.40	56.40	18
75 x 75 x 6	6.80	40.80	25
75 x 75 x 8	8.90	53.40	19
75 x 75 x 10	11.00	66.00	15
80 x 80 x 6	7.30	43.80	23
80 x 80 x 8	9.60	57.60	17
80 x 80 x 10	11.80	70.80	14
90 x 90 x 6	8.20	49.20	20
90 x 90 x 8	10.80	64.80	15
90 x 90 x 10	13.40	80.40	12
90 x 90 x 12	15.80	94.80	11
100 x 100 x 6	9.20	55.20	18
100 x 100 x 8	12.10	72.60	14
100 x 100 x 10	14.90	89.40	11
100 x 100 x 12	17.70	106.20	9
110 x 110 x 8	13.40	80.40	12
110 x 110 x 10	16.60	99.60	10
110 x 110 x 12	19.70	118.20	8
130 x 130 x 10	19.70	118.20	8
130 x 130 x 12	23.40	140.40	7
150 x 150 x 12	27.40	164.40	6
150 x 150 x 16	35.80	214.80	5

UNEQUAL ANGLES

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
45 x 30 x 5	2.80	16.80	60
45 x 30 x 6	3.30	19.80	51
75 x 50 x 6	5.60	33.60	30
75 x 50 x 8	7.40	44.40	23
100 x 75 x 8	10.50	63.00	16
100 x 75 x 10	13.00	78.00	13
125 x 75 x 8	12.10	72.60	14
125 x 75 x 10	14.90	89.40	11
150 x 75 x 10	17.00	102.00	10
150 x 115 x 10	20.10	120.60	8
150 x 115 x 12	24.00	144.00	7
150 x 115 x 16	31.40	188.40	5

ROUND BAR

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
10 mm	0.60	3.60	278
12 mm	0.90	5.40	185
14 mm	1.20	7.20	139
16 mm	1.60	9.60	104
18 mm	2.00	12.00	83
20 mm	2.50	15.00	67
22 mm	3.00	18.00	56
25 mm	3.85	23.10	43
28 mm	4.83	28.98	35
32 mm	6.30	37.80	26
36 mm	8.00	48.00	21
40 mm	9.90	59.40	17
50 mm	15.41	92.46	11
53 mm	17.32	103.92	10
56 mm	19.34	116.04	9
63 mm	24.50	147.00	7
71 mm	31.08	186.48	5
80 mm	39.50	237.00	4
90 mm	49.94	299.64	3
100 mm	61.66	369.96	3

RIBBED BAR / TMT

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
8 mm	0.50	3.00	333
10 mm	0.60	3.60	278
12 mm	0.90	5.40	185
14 mm	1.21	7.26	138
16 mm	1.60	9.60	104
18 mm	2.00	12.00	83
20 mm	2.50	15.00	67
22 mm	3.00	18.00	56
25 mm	3.85	23.10	43
28 mm	4.86	29.16	34
32 mm	6.30	37.80	26
36 mm	8.00	48.00	21
40 mm	9.86	59.16	17

SQUARE BAR

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
8 mm	0.50	3.00	333
10 mm	0.80	4.80	208
12 mm	1.10	6.60	152
16 mm	2.00	12.00	83
20 mm	3.14	18.84	53
22 mm	3.80	22.80	44
25 mm	4.90	29.40	34
28 mm	6.15	36.90	27
32 mm	8.00	48.00	21
40 mm	12.60	75.60	13
45 mm	15.90	95.40	10
50 mm	19.60	117.60	9
56 mm	24.61	147.66	7
63 mm	31.20	187.20	5

CHANNEL

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
75 x 40 (L)	5.10	30.60	33
75 x 40 (M)	6.00	36.00	28
75 x 40 (H)	7.14	42.84	23
100 x 50 (L)	8.00	48.00	21
100 x 50 (H)	9.56	57.36	17
125 x 65	13.10	78.60	13
150 x 75	16.80	100.80	10
175 x 75	19.60	117.60	9
200 x 75	22.80	136.80	7
250 x 80	30.20	181.20	6
250 x 82	34.20	205.20	5
300 x 90	41.50	249.00	4
400 x 100	49.50	297.00	3

TEE BARS

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
20 x 20 x 3	0.90	5.40	185
30 x 30 x 3	1.40	8.40	119
40 x 40 x 6	3.50	21.00	48
50 x 50 x 6	4.50	27.00	37
75 x 75 x 10	10.95	65.70	15

H-BEAM / JOIST

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
150 x 75	15.00	90.00	11
175 x 85	19.50	117.00	9
200 x 100	25.40	152.40	7
250 x 125	38.10	228.60	4
300 x 140	46.10	276.60	4
350 x 140	52.40	314.40	3
400 x 140	61.60	369.60	3

FLAT BARS

Size (mm)	Section Weight (Kg/Mtr)	Wt.per pc (6mtr)	No.of Pcs per MT
25 x 3	0.59	3.54	282
25 x 6	1.20	7.20	139
25 x 10	2.00	12.00	83
32 x 6	1.50	9.00	111
32 x 10	2.50	15.00	67
35 x 6	1.60	9.60	104
35 x 10	2.80	16.80	60
40 x 6	1.90	11.40	88
40 x 8	2.50	15.00	67
40 x 10	3.10	18.60	54
40 x 12	3.80	22.80	44
45 x 6	2.10	12.60	79
45 x 10	3.50	21.00	48
45 x 12	4.20	25.20	40
45 x 16	5.60	33.60	30
50 x 6	2.40	14.40	69
50 x 8	3.10	18.60	54
50 x 10	3.90	23.40	43
50 x 12	4.70	28.20	35
50 x 16	6.30	37.80	26
50 x 20	7.80	46.80	21
53 x 16	6.60	39.60	25
56 x 16	7.00	42.00	24
65 x 8	4.10	24.60	41
65 x 10	5.10	30.60	33
65 x 12	6.10	36.60	27
65 x 20	10.20	61.20	16
65 x 25	12.80	76.80	13
75 x 8	4.70	28.20	35
75 x 10	5.90	35.40	28
75 x 12	7.10	42.60	23
75 x 20	11.80	70.80	14
75 x 25	14.70	88.20	11
75 x 32	18.80	112.80	9

100 x 10	7.80	46.80	21
100 x 12	9.40	56.40	18
100 x 16	12.60	75.60	13
100 x 20	15.70	94.20	11
100 x 25	19.60	117.60	9
110 x 20	17.30	103.80	10
150 x 12	14.10	84.60	12
150 x 16	18.80	112.80	9
150 x 20	23.60	141.60	7
150 x 25	29.40	176.40	6
150 x 32	37.7	226.20	4
150 x 45	53.00	318.00	3
180 x 12	17.00	102.00	10
180 x 16	22.60	135.60	7
180 x 18	25.40	152.40	7
180 x 20	28.30	169.80	6
200 x 10	15.70	94.20	11
200 x 12	18.80	112.80	9
200 x 16	25.10	150.60	7
200 x 20	31.40	188.40	5
200 x 25	39.20	235.20	4
220 x 20	34.50	207.00	5
250 x 12	23.60	141.60	7
250 x 20	39.20	235.20	4
250 x 25	49.10	294.60	3
300 x 12	28.30	169.80	6
300 x 16	37.70	226.20	4
300 x 20	47.10	282.60	4
300 x 25	58.90	353.40	3

NOTE:

- WEIGHT PER PIECE CONSIDERED FOR STANDARD 6-METER LENGTH
- NO. OF PCS PER METRIC TONNE CONSIDERED FOR 6-METER LENGTH
- WT PER PC AND NO OF PCS PER MT ARE APPROX. ESTIMATES
- ALL DATA IS FOR BLACK UNTREATED MILD STEEL BARS ONLY
- TOLERANCE AS PER BIS – ISI GUIDELINES APPLICABLE FOR EACH ITEM CORRELATED TO ITS RESPECTIVE QA GUIDELINE.

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