

CONVERSION TABLE

M.S. ANGLES

Size IN mm	WEIGHT PER METER IN k.g.	Size IN mm	WEIGHT PER METER IN k.g.
20 x 20 x 3	0.9	75 x 75 x 10	11.00
25 x 25 x 3	1.1	90 x 90 x 8	10.8
25 x 25 x 5	1.8	90 x 90 x 10	13.4
30 x 30 x 3	1.4	100 x 100 x 6	9.2
35 x 35 x 5	2.6	100 x 100 x 8	12.1
40 x 40 x 3	1.8	100 x 100 x 10	14.9
40 x 40 x 5	3.0	100 x 100 x 12	17.7
40 x 40 x 6	3.5	110 x 110 x 8	13.4
50 x 50 x 5	3.8	110 x 110 x 10	16.5
50 x 50 x 6	4.5	130 x 130 x 10	19.7
65 x 65 x 6	5.8	130 x 130 x 12	23.4
65 x 65 x 8	7.7	150 x 150 x 10	22.8
65 x 65 x 10	9.4	150 x 150 x 12	27.2
75 x 75 x 6	6.8	200 x 200 x 12	36.6
75 x 75 x 8	8.9		

M.S. BEAMS

Size IN mm	WEIGHT PER METER IN kg/m	Size IN mm	WEIGHT PER METER IN kg/m
ISLB 100 x 50	8.0 kgs.	ISMB 116 x 100	23.0 kgs.
ISMB 125 x 75	12.2 kgs.	ISMB 150 x 80	15.0 kgs.
ISMB 175 x 85	19.5 kgs.	ISMB 200 x 100	25.4 kgs.
ISMB 250 x 125	37.3 kgs.	ISLB 300 x 150	37.7 kgs.
ISMB 300 x 140	44.2 kgs.	ISLB 350 x 165	49.5 kgs.
ISMB 350 x 140	52.2 kgs.	ISMB 400 x 140	61.6 kgs.
ISLB 400 x 165	56.9 kgs.	ISMB 450 x 150	72.4 kgs.
ISMB 500 x 180	86.92 kgs.	ISMB 600 x 210	122.6 kgs.

M.S. CHANNELS

IN mm	WEIGHT Kg./mtr.
75 x 40	6.8
100 x 50	9.2
125 x 65	12.8
150 x 75	16.4
175 x 75	19.2
200 x 75	22.2
250 x 82	34.2
300 x 90	35.9
400 x 100	49.5

SHEETS

	GUAGE	THICKNESS IN mm	WEIGHT PER SQ. Ft.	WEIGHT PER Pc. Kgs.	Pc. IN M/Ton
6x3	10	3.15	2.313	41.634	24
8x3	10	3.15	2.313	55.512	19
8x4	10	3.15	2.313	74.016	14
6x3	12	2.50	1.834	33.012	30
8x3	12	2.50	1.834	44.016	23
8x4	12	2.50	1.834	58.688	18
6x3	14	2.00	1.453	26.154	39
8x3	14	2.00	1.453	34.812	29
8x4	14	2.00	1.453	46.496	22
6x3	16	1.60	1.157	20.826	48
8x3	16	1.60	1.157	27.768	36
8x4	16	1.60	1.157	37.024	27
6x3	18	1.25	0.916	16.488	61
8x3	18	1.25	0.916	21.984	46
8x4	18	1.25	0.916	29.312	33
6x3	20	1.00	0.725	13.050	77
8x3	20	1.00	0.725	17.400	58
8x4	20	1.00	0.725	23.00	47
6x3	22	0.80	0.578	10.404	97
8x3	22	0.80	0.578	13.872	73
8x4	22	0.80	0.578	18.496	55
6x3	24	0.63	0.459	8.262	121
8x3	24	0.63	0.459	11.016	91
8x4	24	0.63	0.459	14.688	68
6x3	26	0.50	0.363	6.534	154
8x3	26	0.50	0.363	8.712	115
8x4	26	0.50	0.363	11.616	85

M.S. SHEETS

THICKNESS mm BG.	WEIGHT PER Sq METER IN Kg.	900
4.00	31.40	28.26
3.15 10G	24.75	22.27
2.80 11G	22.00	19.80
2.50 12G	19.00	17.64
2.24 13G	17.60	15.84
2.00 14G	15.70	14.13
1.80 15G	14.15	12.73
1.60 16G	12.55	11.30
1.40 17G	11.00	9.90
1.25 18G	9.80	8.82
1.12 19G	8.80	7.92
1.00 20G	7.85	7.07
0.90 21G	7.05	6.35
1.00 22G	6.30	5.67
0.63 24G	4.95	4.45
0.50 26G	3.90	3.51
0.40 28G	3.15	2.84

M.S. SHEETS

WIDTH In mm			
1000	1100	1200	1250
WEIGHT IN KILOGRAM PER ONE METER LENGTH			
31.40	34.54	37.78	39.25
24.75	27.22	29.70	30.64
22.0	24.20	26.40	27.40
19.60	21.56	23.53	24.50
17.60	19.36	21.12	22.00
15.70	17.27	18.84	19.62
14.15	15.56	17.00	18.44
12.55	13.80	15.06	15.69
11.00	12.00	13.20	13.75
9.80	10.78	11.76	12.25
8.80	9.68	10.56	11.00
7.85	8.64	9.84	9.81
7.05	7.75	8.46	8.81
6.30	6.93	7.56	7.87
4.95	5.45	5.94	6.19
3.90	4.29	4.68	4.87
3.15	3.47	3.78	3.94

M.S. PLATES

THICKNESS IN mm	WT. PER Sq. Mtr. Kg.	WT. PER Sq. Ft. in Kg.	THICKNESS IN mm	WT. PER Sq. Mtr. Kg.	WT. PER Sq. Ft. in Kg.
5mm	39.2	3.640	5.5mm	43.2	4.01
6mm	47.1	4.38	7mm	55.0	5.11
8mm	62.8	5.87	9mm	70.6	6.56
10mm	78.5	7.29	11mm	86.4	8.03
12mm	94.2	8.75	14mm	109.9	10.21
16mm	125.6	11.67	18mm	141.3	13.13
20mm	157.6	14.59	22mm	172.7	16.04
25mm	196.2	18.23	28mm	219.8	20.42
32mm	251.2	23.34	36mm	282.6	26.25
40mm	314.0	29.17	45mm	353.2	32.81
50mm	392.5	36.46	56mm	439.6	40.83
63mm	494.6	45.95	71mm	557.4	51.78
80mm	628.0	58.35			

CHEQUERED PLATES

THICKNESS IN mm	WT. PER Sq. Ft.	WEIGHT IN Kg. Per Sq. Meter
5mm	4.000 Kgs.	42.71 Kgs.
6mm	5.0216 Kgs	56.148
8mm	6.123 Kgs	65.912 Kgs.
10mm	7.371 Kgs.	79.339 Kgs.
12mm	9.639 Kgs.	103.751 Kgs.

FLATS

Kg. PER METER							
12	16	20	25	12	16	20	25
1.1	1.5	1.9	2.4	7.1	9.4	11.8	14.7
1.5	2.0	2.5	3.1	7.5	10.0	12.6	15.7
1.9	2.5	3.1	3.9	9.4	12.6	15.7	19.6
2.4	3.1	3.9	4.9	11.8	15.7	19.6	24.5
3.0	4.0	5.0	6.3	24.6	31.4	39.2	49.1
3.8	5.0	6.3	7.8	14.1	18.8	23.6	29.4
4.7	6.3	7.89	9.8	18.8	25.1	31.4	39.2
5.9	7.9	9.9	12.4	15.1	20.1	25.1	31.4