

Section Weight Chart

M.S. Equal Angles			Thickness (mm)				Weight (Kg/m)				
Size mm	3	4	5	6	8	10	12	16	18	20	25
20 x 20	0.9	1.1									
25 x 25	1.1	1.4	1.8	2.2							
30 x 30	1.4	1.8	2.2	2.8							
35 x 35	1.6	2.1	2.6	3.0							
40 x 40	1.8	2.4	3.0	3.5							
45 x 45	2.1	2.7	3.4	4.0							
50 x 50	2.3	3.0	3.8	4.5							
65 x 65			4.9	5.8	7.7	9.4					
75 x 75			5.7	6.8	8.9	11.0					
80 x 80				7.3	9.6	11.8	14.0				
90 x 90				8.2	10.8	13.4	15.8				
100 x 100				9.2	12.1	14.9	17.7				
110 x 110					13.4	16.5	19.6	24.2			
130 x 130					15.9	19.7	23.4	28.9			
150 x 150						22.8	27.2	35.8	39.9	44.1	
200 x 200							36.6	48.5	54.0	60.0	73.6

M.S. Flats		Thickness(mm)				Weight (kg/m)					
Size mm	3	5	6	8	10	12	16	18	20	22	25
16		0.6	0.8	1.0	1.3	1.5	2.0	2.3	2.5	2.8	3.1
20	0.47	0.8	0.9	1.3	1.6	1.9	2.5	2.8	3.1	3.5	3.9
25	0.6	1.0	1.2	1.6	2.0	2.4	3.1	3.5	3.9	4.3	4.9
32	0.8	1.3	1.5	2.0	2.4	3.0	4.0	4.5	5.0	5.5	6.3
35			1.6		2.8						
40	0.9	1.6	1.9	2.5	3.1	3.8	5.0	5.7	6.3	6.9	7.8
45			2.1		3.5	4.2					
50	1.2	2.0	2.4	3.1	3.9	4.7	6.3	7.1	7.8	8.6	9.8
63		2.5	3.0	4.0	4.9	5.9	7.9	8.9	9.9	10.9	12.4
65				4.1	5.1	6.1			10.2		
75			3.5	4.7	5.9	7.1	9.4	10.6	11.8	12.9	14.7
80		3.1	3.8	5.0	6.3	7.5	10.0	11.3	12.6	13.8	15.7
100		3.9	4.7	6.3	7.8	9.4	12.6	14.0	15.7	17.5	19.6
125		4.9	5.9	7.8	9.8	11.8	15.7	17.7	19.6	21.6	25.5
150					11.8	14.1		18.8	23.6		29.4
160		6.3	7.5	10.0	12.6	15.1	20.1	22.6	25.1	27.6	31.4
180						17.0	22.6	25.4	28.3		
200		7.8	9.4	12.6	15.7	18.8	25.1	28.3	31.4	34.5	39.2
250		9.8	11.3	15.7	19.6	23.6	31.4	35.3	39.2	43.2	49.1

R S Joists (Beams)	
Size mm	Wt. in kg/m
100x50	8.34
125x70	13.20
150x75	15.00
200x100	25.40
225x110	31.30
250x125	37.30
300x140	46.10
350x140	52.40
400x140	61.50
450x150	72.40
500x180	86.90
600x210	123.00

M S Channels	
Size mm	Wt. in kg/m
75x40	7.14
100x50	9.56
125x55	13.10
150x75	16.80
175x75	19.60
200x75	22.30
200x75	24.20
250x82	34.20
300x90	36.30
400x100	50.10

CR / HR Sheets		
Guage	Thickness mm	Weight kg/sq.m
28	0.40	3.15
26	0.50	3.90
24	0.63	4.95
22	0.80	6.30
21	0.90	7.05
20	1.00	7.85
19	1.12	8.80
18	1.25	9.80
17	1.40	11.00
16	1.60	12.55
15	1.80	14.15
14	2.00	15.70
13	2.25	17.60
12	2.50	19.00
11	2.80	22.00
10	3.15	24.75
9	3.55	27.90
8	4	31.40

M S Plates	
Thickness mm	Weight kg/sq.m
5	39.25
6	47.10
8	62.80
10	78.50
12	94.20
14	109.90
16	125.60
18	141.30
20	157.00
22	172.70
25	196.25
28	219.80
32	251.20
36	282.60
40	314.00
45	353.20
50	392.50
56	439.60
63	494.50
71	557.40
80	628.00

M.S. Squares, Rounds, TMT			
Size mm	Weight - kg/m		
	Squares	Rounds	TMT
6	0.28	0.22	0.23
8	0.50	0.39	0.39
10	0.78	0.62	0.62
12	1.13	0.89	0.89
16	2.01	1.58	1.60
18	2.54	2.00	2.00
20	3.14	2.47	2.50
22	3.8	3.00	3.00
25	4.91	3.80	3.85
28	6.2	4.80	4.83
32	8.1	6.30	6.31
36	10.2	8.00	8.00
40	12.6	9.90	9.90
45	15.9	12.29	
50	19.6	15.40	
56	24.6	19.35	
63	31.1	24.57	
80	50.24	39.46	
90	63.58	49.94	
100	78.50	61.66	
110	94.91	74.60	
125	122.60	96.34	
140	153.86	120.84	
160	200.96	157.84	
180	254.34	199.76	
200	324.00	244.62	

M.S. Chequered Plates	
Size mm	Wt. in kg/m
5	43.50
6	52.30