

# Steel Weight Chart

## Weight of Metal Plates In

Lbs/Sq. Foot or Kg/Sq. Meter.

PLATE		MILD		STAINLESS		WROUGHT		COPPER		LEAD	
Thickness	Thickness	Steel		Steel		Iron					
In Inches	In MM	Lb./Ft2.	Kg/M2	Lb./Ft2.	Kg/M2	Lb./Ft2.	Kg/M2	Lb./Ft2.	Kg/M2	Lb./Ft2.	Kg/M2
1/16	1.59	2.56	12.51	2.59	12.67	2.3	11.24	2.9	14.17	3.7	18.08
1/8	3.18	5.12	25.02	5.19	25.34	5	24.43	5.8	28.34	7.4	36.16
3/16	4.76	7.68	37.53	7.78	38	7.5	36.65	8.7	42.51	11.2	54.73
1/4	6.35	10.24	50.04	10.37	50.67	10	48.86	11.6	56.68	14.9	72.81
5/16	7.94	12.8	62.55	12.96	63.34	12.5	61.08	14.5	70.85	18.6	90.89
3/8	9.53	15.36	75.06	15.56	76.01	15	73.3	17.2	84.05	22.3	108.97
7/16	11.11	17.92	87.57	18.15	88.68	17.5	85.51	20	97.73	26	127.05
1/2	12.7	20.48	100.08	20.74	101.35	20	97.73	22.9	111.9	29.7	145.13
9/16	14.29	23.04	112.59	23.33	114.01	22.5	109.94	25.7	125.58	33.4	163.2
5/8	15.88	25.6	125.1	25.93	126.68	25	122.16	28.6	139.75	37.1	181.28
11/16	17.46	28.16	137.6	28.52	139.35	27.5	134.38	31.4	153.43	40.9	199.85
3/4	19.05	30.72	150.11	31.11	152.02	30	146.59	34.3	167.6	44.6	217.93
13/16	20.64	33.28	162.62	33.7	164.69	32.5	158.81	37.2	181.77	48.3	236.01
7/8	22.23	35.84	175.13	36.3	177.36	35	171.02	40	195.45	52	254.09
15/16	23.81	38.4	187.64	38.89	190.02	37.5	183.24	42.9	209.63	55.7	272.17
1.00	25.4	40.96	200.15	41.48	202.69	40	195.45	45.8	223.8	59.4	290.25

Ft2 = SQUARE FEET

M2 = SQUARE METER

## Equal Angles

Wt. in Lb./Ft. or Kg./M.										
British Standard Section										
Size / Inches	Thickness / Inches	Lb. / Ft.	Kg. / M.							
1x1	0.125	0.8	1.19							
1/1/2004	0.13	1.01	1.51							
1/1/2002	0.19	1.79	2.67							
1/3/2004	0.19	2.11	3.15							
2x2	0.19	2.43	3.62							
2/1/2004	0.19	2.75	4.1							
2/1/2002	0.25	4.04	6.02							
3x3	0.25	4.89	7.29							
3/1/2002	0.25	5.74	8.56							
4x4	0.38	9.73	14.51							
4/1/2002	0.38	11	16.4							
5x5	0.38	12.38	18.31							
6x6	0.38	4.82	22.1							
7x7	0.5	22.95	34.22							
8x8	0.63	32.68	48.72							

## Un-Equal Angles

Wt. in Lbs./Ft. or Kg./M

British Standard Sections.

Size / Inches	Thickness / Inches	Lb. / Ft.	Kg. / M								
2x1-1/2	0.19	2.11	3.15								
2-1/2x1-1/2	0.19	2.43	3.62								
2-1/2x2	0.19	2.75	4.16								
3x2	0.25	4.04	6.02								
3x2-1/2	0.25	4.47	6.66								
3-1/2x2-1/2	0.25	4.89	7.29								
3-1/2x3	0.31	6.58	9.81								
4x2-1/2	0.25	5.32	7.93								
4x3	0.31	7.11	10.6								
4x3-1/2	0.31	7.64	11.39								
4-1/2x3	0.31	7.64	11.39								
5x3	0.31	8.179	12.19								
5x3-1/2	0.38	10.37	15.46								
5x4	0.38	11	16.4								
6x3	0.38	11	16.4								
6x3-1/2	0.38	11.63	17.34								
6x4	0.38	12.28	18.31								
7x3-1/2	0.44	14.97	22.32								
7x4	0.5	17.85	26.61								
8x3-1/2	0.44	16.46	24.54								
8x4	0.5	19.55	29.15								
8x6	0.5	22.95	34.22								
9x4	0.5	21.25	31.68								

## BEAMS

Wt. in Lb. / Ft. or Kg. / M

British Standard Section

Size / Inches	Lb. / Ft.	Kg. / M	Size / Inches	Lb. / Ft.	Kg. / M	Size / Inches	Lb. / Ft.	Kg. / M			
3x1-1/2	4	5.96	9x4	21	31.31	15x5	42	62.62			
3x3	8.5	12.67	9x7	50	74.55	15x6	45	67.09			
4x1-3/4	5	7.45	10x4-1/2	25	37.27	16x6	50	74.55			
4x3	10	14.91	10x5	30	44.73	16x6	62	92.44			
4-3/4x1-3/4	6.5	9.69	10x6	40	59.64	16x8	75	111.82			
5x3	11.5	16.4	10x8	55	82	18x6	55	82			
5x4-1/2	20	29.82	12x5	32	47.71	18x7	75	111.82			
6x3	12	17.89	12x6	44	65.6	18x8	80	119.27			
6x4-1/2	20	29.82	12x6	54	80.51	0x6-1	65	96.91			
6x5	25	37.27	12x8	65	96.61	0x7-1	89	132.69			
7x4	16	23.85	13x5	35	52.18	22x7	75	111.82			
8x4	18	26.84	14x6	46	68.58	4x7-1	95	141.64			

8x5	28	41.75	4x6	57	84.98						
8x6	35	52.18	14x8	70	104.36						

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