

Plates

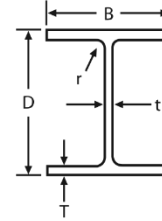
Metric units (7.85 kg/mm m² - 0.7293 kg/mm ft²)

Thickness	Unit Weight	Width x Length, ft					
		4 x 8	5 x 10	5 x 20	6x20	8 x 20	8 x 30
t	M	4 x 8	5 x 10	5 x 20	6x20	8 x 20	8 x 30
mm	kg	32	50	100	120	160	240
1.2	0.88	28.00	-	-	-	-	-
1.5	1.09	35.00	-	-	-	-	-
1.6	1.17	37.34	-	-	-	-	-
2.0	1.46	46.67	-	-	-	-	-
2.3	1.68	53.67	-	-	-	-	-
2.5	1.82	58.34	-	-	-	-	-
3.0	2.19	70.00	109.38	-	-	-	-
4.0	2.91	93.34	145.84	292.00	-	-	-
4.5	3.28	105.00	164.07	328.14	-	-	-
5.0	3.65	116.67	182.30	364.60	-	-	-
6	4.38	140.01	218.76	437.52	525.02	700.03	1,050.05
7	5.11	163.34	255.22	510.44	612.53	816.70	1,225.06
8	5.83	186.68	291.68	583.36	700.03	933.38	1,400.06
9	6.56	210.01	328.14	656.28	787.54	1,050.05	1,575.07
10	7.29	233.34	364.60	729.20	875.04	1,166.72	1,750.08
11	8.02	256.68	401.06	802.12	962.54	1,283.39	1,925.09
12	8.75	280.01	437.52	875.04	1,050.05	1,400.06	2,100.10
15	10.94	350.02	546.90	1,093.80	1,312.56	1,750.08	2,625.12
16	11.67	373.35	583.36	1,166.72	1,400.06	1,866.75	2,800.13
17	12.40	396.68	619.82	1,239.64	1,487.57	1,983.42	2,975.14
18	13.13	420.02	656.28	1,312.56	1,575.07	2,100.10	3,150.14
19	13.86	443.35	692.74	1,385.48	1,662.58	2,216.77	3,325.15
20	14.59	466.69	729.20	1,458.40	1,750.08	2,333.44	3,500.16
21	15.32	490.02	765.66	1,531.32	1,837.58	2,450.11	3,675.17
22	16.04	513.36	802.12	1,604.24	1,925.09	2,566.78	3,850.18
24	17.50	560.03	875.04	1,750.08	2,100.10	2,800.13	4,200.19
25	18.23	583.36	911.50	1,823.00	2,187.60	2,916.80	4,375.20
26	18.96	606.69	947.96	1,895.92	2,275.10	3,033.47	4,550.21
28	20.42	653.36	1,020.88	2,041.76	2,450.11	3,266.82	4,900.22
30	21.88	700.03	1,093.80	2,187.60	2,625.12	3,500.16	5,250.24
32	23.34	746.70	1,166.72	2,333.44	2,800.13	3,733.50	5,600.26
35	25.52	816.70	1,276.10	2,552.20	3,062.64	4,083.52	6,125.28
36	26.25	840.04	1,312.56	2,625.12	3,150.14	4,200.19	6,300.29
38	27.71	886.71	1,385.48	2,770.96	3,325.15	4,433.54	6,650.30
40	29.17	933.38	1,458.40	2,916.80	3,500.16	4,666.88	7,000.32
44	32.08	1,026.71	1,604.24	3,208.48	3,850.18	5,133.57	7,700.35
45	32.82	1,050.05	1,640.70	3,281.40	3,937.68	5,250.24	7,875.36
50	36.46	1,166.72	1,823.00	3,646.00	4,375.20	5,833.60	8,750.40
55	40.11	1,283.39	2,005.30	4,010.60	4,812.72	6,416.96	9,625.44
57	41.56	1,330.06	2,078.22	4,156.44	4,987.73	6,650.30	9,975.46
60	43.76	1,400.06	2,187.60	4,375.20	5,250.24	7,000.32	10,500.48
65	47.40	1,516.74	2,369.90	4,739.80	5,687.76	7,583.68	11,375.52
70	51.05	1,633.41	2,552.20	5,104.40	6,125.28	8,167.04	12,250.56
75	54.70	1,750.08	2,734.50	5,469.00	6,562.80	8,750.40	13,125.60
80	58.34	1,866.75	2,916.80	5,833.60	7,000.32	9,333.76	14,000.64
90	65.64	2,100.10	3,281.40	6,562.80	7,875.36	10,500.48	15,750.72
100	72.93	2,333.44	3,646.00	7,292.00	8,750.40	11,667.20	17,500.80
110	80.22	2,566.78	4,010.60	8,021.20	9,625.44	12,833.92	19,250.88
120	87.52	2,800.13	4,375.20	8,750.40	10,500.48	14,000.64	21,000.96
130	94.81	3,033.47	4,739.80	9,479.60	11,375.52	15,167.36	22,751.04
140	102.10	3,266.82	5,104.40	10,208.80	12,250.56	16,334.08	24,501.12
150	109.40	3,500.16	5,469.00	10,938.00	13,125.60	17,500.80	26,251.20

Plates

Material Spec: EN10025 S275JR
 EN10025 S355JR
 BS4360 Gr43A
 JIS G3101 SS400
 EH36

Universal Beams



(Metric units)

Section Size	Unit Weight	Section Depth	Flange Width	Thickness		Corner Radius	Section Area
				Web	Flange		
	M	D	B	t	T	r	A
mm	kg/m	mm	mm	mm	mm	mm	cm ²
100 x 50	9.30	100	50	5	7	8	11.85
100 x 100	16.90	100	100	6	8	8	21.60
	17.20	100	100	6	8	10	21.90
125 x 60	13.20	125	60	6	8	9	16.84
125 x 125	23.60	125	125	6.5	9	8	30.00
	23.80	125	125	6.5	9	10	30.31
150 x 75	14.00	150	75	5	7	8	17.85
150 x 100	20.70	148	100	6	9	8	26.30
	21.10	148	100	6	9	11	26.84
150 x 150	31.10	150	150	7	10	8	39.60
	31.50	150	150	7	10	11	40.14
	37.40	154	151	8	12	11	47.70
175 x 90	18.00	175	90	5	8	8	22.90
	18.10	175	90	5	8	9	23.04
175 x 125	23.30	169	125	5.5	8	12	29.65
175 x 175	32.80	171	174	6	9	12	41.70
	40.20	175	175	7.5	11	12	51.21
	40.40	175	175	7.5	11	13	51.40
200 x 100	17.80	198	99	4.5	7	8	22.70
	18.20	198	99	4.5	7	11	23.18
	20.90	200	100	5.5	8	8	26.70
	21.30	200	100	5.5	8	11	27.16
200 x 150	29.90	194	150	6	9	8	38.10
	30.60	194	150	6	9	13	39.01
	36.90	198	151	7	11	13	47.00
200 x 200	41.40	196	199	6.5	10	13	52.70
	49.90	200	200	8	12	13	63.53
	56.20	200	204	12	12	13	71.53
	57.80	204	201	9	14	13	73.60
	65.70	208	202	10	16	13	83.69
250 x 125	25.10	248	124	5	8	8	32.00
	25.70	248	124	5	8	12	32.68
	29.00	250	125	6	9	8	37.00
	29.60	250	125	6	9	12	37.66
250 x 175	43.60	244	175	7	11	13	55.50
	44.10	244	175	7	11	16	56.24
	51.60	248	176	8	13	16	65.70
	59.10	252	177	9	15	16	75.30
250 x 250	64.40	244	252	11	11	16	82.06
	66.50	248	249	8	13	16	84.70
	71.80	250	250	9	14	13	91.40
	72.40	250	250	9	14	16	92.18
	82.20	250	255	14	14	16	104.70
	98.10	260	253	12	19	16	125.00