

I Beam Sizes & Weight Chart

Ordinary Hot Rolled I Beam Sizes & Weight Chart

Specifications	Height (mm)	Flange Width (mm)	Web Thickness (mm)	Theoretical Weight (kg/m)
10	100	68	4.5	11.261
12.6	126	74	5	14.223
14	140	80	5.5	16.89
16	160	88	6	20.513
18	180	94	6.5	24.143
20a	200	100	7	27.929
20b	200	102	9	31.069
22a	220	110	7.5	33.07
22b	220	112	9.5	36.524
25a	250	116	8	38.105
25b	250	118	10	42.03
28a	280	122	8.5	43.492
28b	280	124	10.5	47.888
32a	320	130	9.5	52.717
32b	320	132	11.5	57.741
32c	320	134	13.5	62.765
36a	360	136	10	60.037
36b	360	138	12	65.689
36c	360	140	14	71.341
40a	400	142	10.5	67.598
40b	400	144	12.5	73.878
40c	400	146	14.5	80.158
45a	450	150	11.5	80.42
45b	450	152	13.5	87.485
45c	450	154	15.5	94.55
50a	500	158	12	93.654
50b	500	160	14	101.504
50c	500	162	16	109.354
56a	560	166	12.5	106.316
56b	560	168	14.5	115.108
56c	560	170	16.5	123.9
63a	630	176	13	121.407
63b	630	178	15	131.298
63c	630	180	17	141.189

Light Duty Hot Rolled I Beam Sizes & Weight Chart

Specifications	Height (mm)	Flange Width (mm)	Web Thickness (mm)	Theoretical Weight (kg/m)
8	80	50	4.5	7.52
10	100	55	4.5	9.46
12	120	64	4.8	11.5
14	140	73	4.9	13.7
16	160	81	5	15.9
18	180	90	5.1	18.4
18a	180	100	5.1	19.9
20	200	100	5.2	21
20a	200	110	5.2	22.7
22	220	110	5.4	24
22a	220	120	5.4	25.8
24	240	115	5.6	27.3
24a	240	125	5.6	29.4
27	270	125	6	31.5
27a	270	135	6	33.9
30	300	135	6.5	36.5
30a	300	145	6.5	39.2
33	330	140	7	42.2
36	360	145	7.5	48.6
40	400	155	8	56.1
45	450	160	8.6	65.2
50	500	170	9.5	76.8
55	550	180	10.3	89.8
60	600	190	11.1	104
65	650	200	12	120
70	700	210	13	138
70a	700	210	15	158
70b	700	210	17.5	184