

I Beam Steel Weight Chart

Weight table of hot rolled ordinary I-beam

Model	Size(mm)					Sectional area	Weight
	h	b	d	t	r1	cm2	kg/m
10	100	68	4.5	7.6	3.3	14.3	11.2
12.6	126	74	5	8.4	3.5	18.1	14.2
14	140	80	5.5	9.1	3.8	21.5	16.9
16	160	88	6	9.9	4	26.1	20.5
18	180	94	6.5	10.7	4.3	30.6	24.1
20a	200	100	7	11.4	4.5	35.5	27.9
20b	200	102	9	11.4	4.5	39.5	31.1
22a	220	110	7.5	12.3	4.8	42	33
22b	220	112	9.5	12.3	4.8	46.4	36.4
25a	250	116	8	13	5	48.5	38.1
25b	250	118	10	13	5	53.5	42
28a	280	122	8.5	13.7	5.3	55.45	43.4
28b	280	124	10.5	13.7	5.3	61.05	47.9
32a	320	130	9.5	15	5.8	67.05	52.7
32b	320	132	11.5	15	5.8	73.45	57.7
32c	320	134	13.5	15	5.8	79.95	62.8
36a	360	136	10	15.8	6	76.3	59.9
36b	360	138	12	15.8	6	83.5	65.6
36c	360	140	14	15.8	6	90.7	71.2
40a	400	142	10.5	16.5	6.3	86.1	67.6
40b	400	144	12.5	16.5	6.3	94.1	73.8
40c	400	146	14.5	16.5	6.3	102	80.1
45a	450	150	11.5	18	6.8	102	80.4
45b	450	152	13.5	18	6.8	111	87.4
45c	450	154	15.5	18	6.8	120	94.5
50a	500	158	12	20	7	119	93.6
50b	500	160	14	20	7	129	101
50c	500	162	16	20	7	139	109
56a	560	166	12.5	21	7.3	135.25	106.2
56b	560	168	14.5	21	7.3	146.45	115
56c	560	170	16.5	21	7.3	157.85	123.9
63a	630	176	13	22	7.5	154.9	121.6
63b	630	178	15	22	7.5	167.5	131.5
63c	630	180	17	22	7.5	180.1	141

Weight table of hot rolled light I-beam

Model	Size(mm)				Sectional area	Weight
	h	b	d	t	cm ²	kg/m
10	100	55	4.5	7.2	12	9.46
12	120	64	4.8	7.3	14.7	11.5
14	140	73	4.9	7.5	17.4	13.7
16	160	81	5	7.8	20.2	15
22	220	110	5.4	8.7	30.6	24
22a	220	120	5.4	8.9	32.8	25.8
24	240	115	5.6	9.5	34.8	27.3
24a	240	125	5.6	9.8	37.5	29.4
27	270	125	6	9.8	40.2	31.5
27a	270	135	6	10.2	43.2	33.9
30	300	135	6.5	10.2	46.5	36.5
30a	300	145	6.5	10.7	49.9	39.2
33	330	140	7	11.2	53.8	42.2
36	360	145	7.5	12.3	61.9	48.6
18	180	90	5.1	8.1	23.4	18.4
18a	180	100	5.1	8.3	25.4	19.9
20	200	100	5.2	8.4	26.8	21
20a	200	110	5.2	8.6	28.9	22.7
40	400	155	8	13	71.4	56.1
45	450	160	8.6	14.2	83	65.2
50	500	170	9.5	15.2	97.8	76.8
55	550	180	10.3	16.5	114	89.8
60	600	190	11.1	17.8	132	104
65	650	200	12	19.2	153	120
70	700	210	13	20.8	176	138
70a	700	210	15	24	202	158
70b	700	210	17.5	28.2	234	184