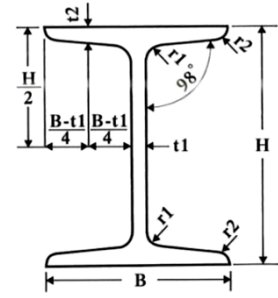




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I Beam



Standard Dimension (mm)					Section Area (cm ²)	Unit Weight (kg/m)
H x B	t1	t2	R1	R2		
* 100 x 75	5	8	7	3.5	16.43	12.9
125 x 75	5.5	9.5	9	4.5	20.45	16.1
150 x 75	5.5	9.5	9	4.5	21.83	17.1
* 150 x 125	8.5	14	13	6.5	46.15	36.2
* 180 x 100	6	10	10	5	30.06	23.6
200 x 100	7	10	10	5	33.10	26
200 x 150	9	16	15	7.5	64.16	50.4
* 230 x 100	7.5	11.5	11	5.5	39.08	30.7
250 x 125	7.5	12.5	12	6	48.80	38.3
250 x 125	10	19	21	10.5	70.70	55.5
300 x 150	8	13	12	6	61.60	48.3
300 x 150	10	18.5	19	9.5	83.50	65.5
300 x 150	11.5	22	23	11.5	97.90	76.8
350 x 150	9	15	13	6.5	74.58	58.5
350 x 150	12	24	25	12.5	111.10	87.2
400 x 150	10	18	17	8.5	91.73	72
400 x 150	12.5	25	27	13.5	122.10	95.8
450 x 175	11	20	19	9.5	116.80	91.7
450 x 175	13	26	27	13.5	146.10	115
* 500 x 190	11.5	23	22	11	141.80	111
* 500 x 190	15	30	32	16	184.70	145
600 x 190	13	25	25	12.5	169.40	133
600 x 190	16	35	38	19	224.50	176

Remarks: "*" = Make to Order



I beam in accordance with JIS G 3192

Standard dimension						Reference							
Nominal size (mm)	Section dimensions			Section area (cm ²)	Unit weight (kg/m)	Moment of inertia (cm ⁴)		Radius of gyration (cm)		Section modulus (cm ³)		Plastic section modulus (cm ³)	
	H x B x t1 x t2	R ₁	R ₂			I _x	I _y	r _x	r _y	S _x	S _y	Z _x	Z _y
	(mm)												
200x100	200 x 100 x 7 x 10	10	5	33.1	26.0	2120	138	8.1	2.05	217	27.7	244	52
250x125	250 x 125 x 7.5 x 12.5	12	6	48.8	38.3	5180	337	10.3	2.63	414	53.9	466	101
	250 x 125 x 10 x 19	21	10.5	70.7	55.5	7310	538	10.2	2.76	585	86.0	661	154
300x150	300 x 150 x 8 x 13	12	6	61.6	48.3	9480	588	12.4	3.09	632	78.4	710	151
	300 x 150 x 10 x 18.5	19	9.5	83.5	65.5	12700	886	12.3	3.26	849	118	954	215
	300 x 150 x 11.5 x 22	23	11.5	97.9	76.8	14700	1080	12.2	3.32	978	143	1110	256