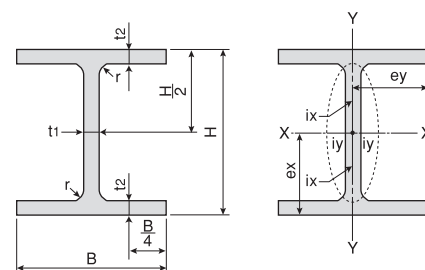


6 HB (H Beams) Himeji

Geometrical of inertia $I=ai^2$
 Radius of gyration of area $i=\sqrt{I/a}$
 Modulus of section $Z=I/e$
 (a : sectional area)



〈Product shapes, dimensions and sectional properties〉

	Dimension (mm)		Sectional area (cm ²)	Unit mass (kg/m)	Geometrical moment of inertia (cm ⁴)		Radius of gyration of area (cm)		Modulus of section (cm ³)	
	H×B×t ₁ ×t ₂	r			I _x	I _y	i _x	i _y	Z _x	Z _y
100×100	100×100×6×8	8	21.59	16.9	378	134	4.18	2.49	75.6	26.7
108×104	108×104×10×12	8	33.91	26.6	636	226	4.33	2.58	118	44
125×125	125×125×6.5×9	8	30.00	23.6	839	293	5.29	3.13	134	46.9
150×150	150×150×7×10	8	39.65	31.1	1,620	563	6.40	3.77	216	75.1
154×151	154×151×8×12	8	47.19	37.0	2,000	689	6.51	3.82	260	91
148×100	148×100×6×9	8	26.35	20.7	1,000	150	6.17	2.39	135	30.1
150×75	150×75×5×7	8	17.85	14.0	666	49.5	6.11	1.66	88.8	13.2
175×90	175×90×5×8	8	22.90	18.0	1,210	97.5	7.26	2.06	138	21.7
200×100	200×100×5.5×8	8	26.67	20.9	1,810	134	8.23	2.24	181	26.7
198×99	198×99×4.5×7	8	22.69	17.8	1,540	113	8.25	2.24	156	22.9
250×125	250×125×6×9	8	36.97	29.0	3,960	294	10.4	2.82	317	47.0
248×124	248×124×5×8	8	31.99	25.1	3,450	255	10.4	2.82	278	41.1
200×150	194×150×6×9	8	38.11	29.9	2,630	507	8.3	3.65	271	67.6
300×150	300×150×6.5×9	13	46.78	36.7	7,210	508	12.4	3.29	481	67.7
298×149	298×149×5.5×8	13	40.80	32.0	6,320	442	12.4	3.29	424	59

*Remark Length ranges from 6.0m to 12.0m at intervals of 1.0m.