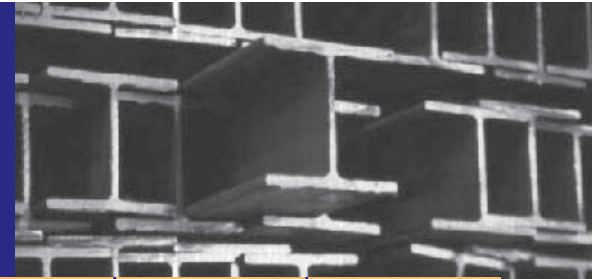
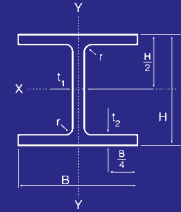


H-SECTIONS

SIZES AND PROPERTIES
TIS/JIS STANDARDS

(TIS 1227 : 2539 / JIS G3192 : 1990)

Grade SM400, SM490, SM520, SS400, SS490 or SS540



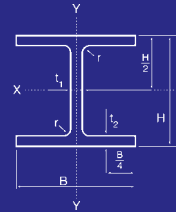
Nominal Size (mm.)	Weight (kg./m.)	Sectional Dimension (mm.)					Sectional Area (cm ² .)	Moment of Inertia (cm ⁴ .)		Radius of Gyration (cm.)		Modulus of Section (cm ³ .)	
		H	B	t ₁	t ₂	r		I _x	I _y	i _x	i _y	Z _x	Z _y
100 x 100	17.2	100	100	6.0	8	10	21.9	383	134	4.2	2.47	77	27
125 x125	23.8	125	125	6.5	9	10	30.31	847	293	5.3	3.11	136	47
150 x 75	14.0	150	75	5.0	7	8	17.85	666	50	6.1	1.66	89	13
150 x 100	21.1	148	100	6.0	9	11	26.84	1,020	151	6.2	2.37	138	30
150 x 150	31.5	150	150	7.0	10	11	40.14	1,640	563	6.4	3.75	219	75
175 x 175	40.2	175	175	7.5	11	12	51.21	2,880	984	7.5	4.38	330	112
200 x 100	21.3	200	100	5.5	8	11	27.16	1,840	134	8.2	2.22	184	27
200 x 150	30.6	194	150	6.0	9	13	39.01	2,690	507	8.3	3.61	277	68
200 x 200	49.9	200	200	8.0	12	13	63.53	4,720	1,600	8.6	5.02	472	160
250 x 125	29.6	250	125	6.0	9	12	37.66	4,050	294	10.4	2.79	324	47
250 x 175	44.1	244	175	7.0	11	16	56.24	6,120	984	10.4	4.18	502	113
250 x 250	72.4	250	250	9.0	14	16	92.18	10,800	3,650	10.8	6.29	867	292
300 x 150	36.7	300	150	6.5	9	13	46.78	7,210	508	12.4	3.29	481	68
300 x 200	56.8	294	200	8.0	12	18	72.38	11,300	1,600	12.5	4.71	771	160
300 x 300	94.0	300	300	10.0	15	18	119.80	20,400	6,750	13.1	7.51	1,360	450

H-SECTIONS

SIZES AND PROPERTIES TIS/JIS STANDARDS

(TIS 1227 : 2539 / JIS G3192 : 1990)

Grade SM400, SM490, SM520, SS400, SS490 or SS540



Nominal Size (mm.)	Weight (kg./m.)	Sectional Dimension (mm.)					Sectional Area (cm ² .)	Moment of Inertia (cm ⁴ .)		Radius of Gyration (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
350 x 175	49.6	350	175	7.0	11	14	63.14	13,600	984	14.7	3.95	775	112
350 x 250	79.7	340	250	9.0	14	20	101.50	21,700	3,650	14.6	6.00	1,280	292
350 x 350	137.0	350	350	12.0	19	20	173.90	40,300	13,600	15.2	8.84	2,300	776
400 x 200	66.0	400	200	8.0	13	16	84.12	23,700	1,740	16.8	4.54	1,190	174
400 x 300	107.0	390	300	10.0	16	22	136.0	38,700	7,210	16.9	7.28	1,980	481
400 x 400	172.0	400	400	13.0	21	22	218.70	66,600	22,400	17.5	10.10	3,330	1,120
450 x 200	76.0	450	200	9.0	14	18	96.76	33,500	1,870	18.6	4.40	1,490	187
450 x 300	124.0	440	300	11.0	18	24	157.40	56,100	8,110	18.9	7.18	2,550	541
500 x 200	89.6	500	200	10.0	16	20	114.20	47,800	2,140	20.5	4.33	1,910	214
500 x 300	128.0	488	300	11.0	18	26	163.50	71,000	8,110	20.8	7.04	2,910	541
600 x 200	106.0	600	200	11.0	17	22	134.40	77,600	2,280	24.0	4.12	2,590	228
600 x 300	151.0	588	300	12.0	20	28	192.50	118,000	9,020	24.8	6.85	4,020	601
	175.0	594	302	14.0	23	28	222.40	137,000	10,600	24.9	6.90	4,620	701
700 x 300	185.0	700	300	13.0	24	28	235.50	201,000	10,800	29.3	6.78	5,760	722
800 x 300	210.0	800	300	14.0	26	28	267.40	292,000	11,700	33.0	6.62	7,290	782