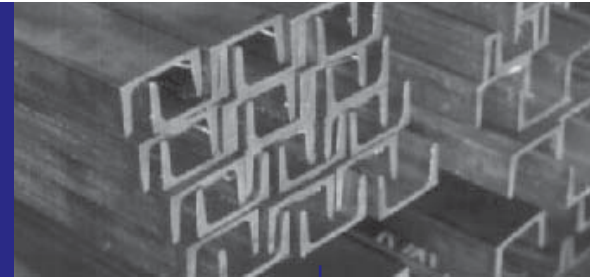
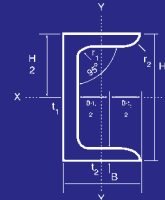


CHANNEL

SIZES AND PROPERTIES
TIS/JIS STANDARDS

(TIS 1227 : 2539 / JIS G3192 : 1990)

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



Standard Sectional Dimension (mm.)					Sectional Area (cm ² .)	Weight (kg./m.)	Position of Center of Gravity (cm.)		Moment of Inertia (cm ⁴ .)		Radius of Gyration (cm.)		Modulus of Section (cm ³ .)	
HxB	t ₁	t ₂	r ₁	r ₂			C _x	C _y	I _x	I _y	i _x	i _y	Z _x	Z _y
75x40	5.0	7.0	8	4.0	8.818	6.92	0	1.28	75.3	12.2	2.92	1.17	20.1	4.47
100x50	5.0	7.5	8	4.0	11.92	9.36	0	1.54	188	26.0	3.97	1.48	37.6	7.52
125x65	6.0	8.0	8	4.0	17.11	13.40	0	1.90	424	61.8	4.98	1.90	67.8	13.40
150x75	6.5	10.0	10	5.0	23.71	18.60	0	2.28	861	117.0	6.03	2.22	115.0	22.40
150x75	9.0	12.5	15	7.5	30.59	24.00	0	2.31	1,050	147.0	5.86	2.19	140.0	28.30
180x75	7.0	10.5	11	5.5	27.20	21.40	0	2.13	1,380	131.0	7.12	2.19	153.0	24.30
200x80	7.5	11.0	12	6.0	31.33	24.60	0	2.21	1,950	168.0	7.88	2.32	195.0	29.10
200x90	8.0	13.5	14	7.0	38.65	30.30	0	2.74	2,490	277.0	8.02	2.68	249.0	44.20
250x90	9.0	13.0	14	7.0	44.07	34.60	0	2.40	4,180	294.0	9.74	2.58	334.0	44.50
	11.0	14.5	17	8.5	51.17	40.20	0	2.40	4,680	329.0	9.56	2.54	374.0	49.90
300x90	9.0	13.0	14	7.0	48.57	38.10	0	2.22	6,440	309.0	11.50	2.52	429.0	45.70
	10.0	15.5	19	9.5	55.74	43.80	0	2.34	7,410	360.0	11.50	2.54	494.0	54.10
	12.0	16.0	19	9.5	61.90	48.60	0	2.28	7,870	379.0	11.30	2.48	525.0	56.40
380x100	10.5	16.0	18	9.0	63.39	54.50	0	2.41	14,500	535.0	14.50	2.78	763.0	70.50
	13.0	16.5	18	9.0	78.96	62.00	0	2.33	15,600	565.0	14.10	2.67	823.0	73.60
	13.0	20.0	24	12.0	85.71	67.30	0	2.54	17,600	655.0	14.30	2.76	926.0	87.80