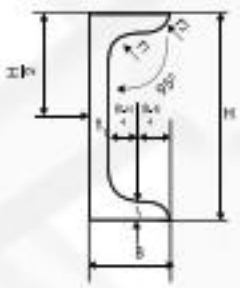
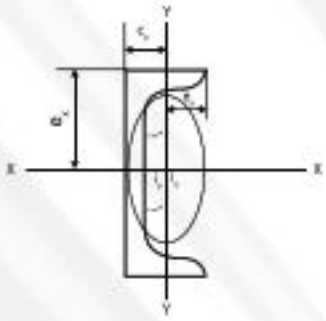
KWOSM

U Channel



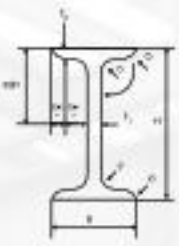


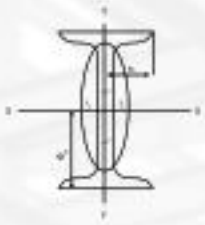
Steel Class	Dimension (mm)						Sectional Area (cm^2)	Weight (kg/m)	Geometrical Moment of Inertia (cm^4)		Radius Gyration of Area (cm)		Modulus of Section (cm^3)	
Nominal	H	B	t_1	t_2	r_1	r_2			Ix	Iy	ix	iy	Zx	Zy
50 x 38 x 5	50	38	5.0	7.0	7.0	3.5	7.25	5.69	26.40	9.12	1.92	1.13	10.60	3.75
65 x 42 x 5.5	65	42	5.5	7.5	7.5	4.0	9.19	7.09	57.50	14.10	2.52	1.25	17.70	5.07
75 x 40 x 5	75	40	5.0	7.0	8.0	4.0	8.82	6.95	75.30	12.20	2.92	1.17	20.10	4.47
80 x 45 x 6	80	45	6.0	8.0	8.0	4.0	11.20	8.80	106	19.40	106.00	1.33	26.50	6.36
100 x 50 x 5	100	50	5.0	7.5	8.0	4.0	11.92	9.36	188	26.00	3.97	1.48	37.60	7.52
120 x 55 x 7	120	55	7.0	9.0	9.0	4.5	17.00	13.40	364	43.20	4.62	1.59	60.70	11.12
125 x 65 x 6	125	65	6.0	8.0	8.0	4.0	17.11	13.40	424	61.80	4.98	1.90	67.80	13.4
150 x 75 x 6.5	150	75	6.5	10.0	10.0	5.0	23.71	18.60	861	117	6.03	2.22	115	22.4
180 x 75 x 7	180	75	7.0	10.5	11.0	5.5	27.20	21.40	1,380	131	7.12	2.19	153	24.3
200 x 80 x 7.5	200	80	7.5	11.0	12.0	6.0	31.33	24.60	1,950	168	7.88	2.32	195	29.1
250 x 90 x 9	250	90	9.0	13.0	14.0	7.0	44.07	34.60	4,180	294	9.74	2.58	334	44.5
300 x 90 x 9	300	90	9.0	13.0	14.0	7.0	48.57	38.10	6,400	309	11.50	2.52	429	45.0
380 x 100 x 13	380	100	13.0	16.5	18.0	9.0	78.96	62.00	15,600	565	14.10	2.67	823	73.6
380 x 100 x 13	380	100	13.0	20.0	24.0	12.0	85.71	67.30	17,600	655	14.30	2.76	926	87.8

☐ Regular Product

According to SNI 07-6052-2017

I Beam





Steel Class	Dimension (mm)						Sectional Area (cm^2)	Weight (kg/m)	Geometrical Moment of Inertia (cm^4)		Radius Gyration of Area (cm)		Modulus of Section (cm^3)	
Nominal	H	B	t_1	t_2	r_1	r_2			Ix	Iy	ix	iy	Zx	Zy
100 x 50 x 4.5	100	50	4.5	6.8	4.5	2.7	10.60	8.34	171.0	12.2	4.01	1.07	34.20	4.88
125 x 75 x 5	125	75	5	9.5	9.0	4.5	20.50	16.10	538.0	57.5	5.13	1.68	86.00	15.30
150 x 75 x 5.5	150	75	5.5	9.5	9	4.5	21.83	17.10	839.0	57.5	6.12	1.62	109.00	18.30
180 x 100 x 6	180	100	6	10	10	5	30.06	23.60	1,670.0	138.0	7.45	2.114	186.00	27.50
200 x 90 x 7.5	200	90	7.5	11.3	7.5	4.5	33.40	26.20	2,140.0	117.0	8.00	1.87	210.00	26.00

☐ Regular Product

According to SNI 07-0329-2005