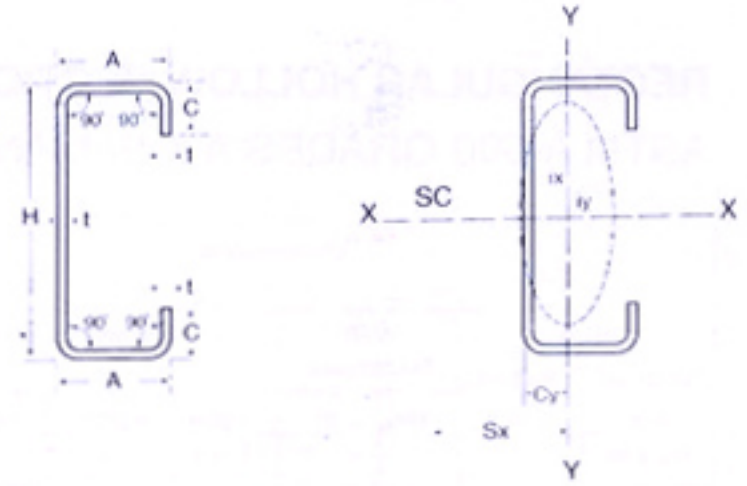


LIPPED CHANNELS JIS G 3350:1987/ MANUFACTURER'S STANDARD



Dimension mm (inches)		Sectional Area cm ²	Unit Weight kg/m	Centre of Gravity cm		Secondary Moment of Area cm ⁴		Radius Gyration of Area cm		Modulus of Section cm ³		Centre of Shear cm	
H x A x C	t			C _x	C _y	I _x	I _y	i _x	i _y	Z _x	Z _y	S _x	S _y
250 x 75 x 25 (10 x 3 x 1)	4.5	18.92	14.90	0	2.07	1690	129	9.44	2.62	135.0	23.8	5.10	0
	4.0	16.90	13.00	0	2.07	1518	120	9.48	2.66	121.4	22.0	5.20	0
	3.2	13.96	10.96	0	2.07	1265	100	9.52	2.68	101.2	18.4	5.20	0
	3.0	12.90	10.10	0	2.07	1177	94	9.54	2.69	94.10	17.3	5.20	0
250 x 75 x 20 (10 x 3 x 3/4)	4.5	18.46	14.50	0	1.94	1638	116.0	9.41	2.51	131.0	21.0	4.94	0
	4.0	16.51	12.96	0	1.95	1477	109.1	9.46	2.57	118.2	19.7	4.97	0
	3.2	13.41	10.52	0	1.95	1210	89.20	9.50	2.58	96.80	16.1	4.99	0
	3.0	12.60	9.890	0	1.95	1145	85.10	9.52	2.59	91.60	15.3	5.00	0
225 x 75 x 25 (9 x 3 x 1)	4.5	17.79	14.00	0	2.18	1310	125.0	8.57	2.64	116.0	23.5	5.33	0
	4.0	15.92	12.50	0	2.19	1182	115.9	8.62	2.70	105.9	21.8	5.40	0
	3.2	12.93	10.15	0	2.19	969.5	95.60	8.66	2.72	86.20	18.0	5.42	0
	3.0	12.15	9.540	0	2.19	916.3	90.70	8.68	2.73	81.50	17.1	5.43	0
	2.3	9.427	7.400	0	2.19	718.2	72.30	8.72	2.77	63.80	13.6	5.44	0
225 x 75 x 20 (9 x 3 x 3/4)	4.5	17.34	13.60	0	2.05	1273	113.0	8.56	2.55	113.0	20.7	5.10	0
	4.0	15.53	12.19	0	2.06	1151	105.8	8.61	2.61	102.3	19.5	5.12	0
	3.2	12.61	9.900	0	2.06	943.3	86.50	8.65	2.62	83.80	15.9	5.13	0
	3.0	11.85	9.300	0	2.06	892.0	82.60	8.67	2.63	79.30	15.2	5.13	0
	2.3	9.197	7.210	0	2.06	699.6	66.00	8.72	2.67	62.20	12.1	5.14	0
200 x 75 x 25 (8 x 3 x 1)	4.5	16.67	13.1	0	2.32	990	121	7.71	2.69	99.0	23.3	5.60	0
	4.0	14.95	11.7	0	2.32	895	110	7.74	2.72	89.5	21.3	5.70	0
	3.2	12.13	9.52	0	2.33	736	92.3	7.79	2.76	73.6	17.8	5.70	0
	3.0	11.41	8.96	0	2.33	694	88.2	7.80	2.78	69.4	17.1	5.80	0
200 x 75 x 20 (8 x 3 x 3/4)	4.5	16.22	12.7	0	2.19	963	109	7.71	2.60	96.3	20.6	5.30	0
	4.0	14.55	11.4	0	2.19	871	100	7.74	2.62	87.1	18.9	5.30	0
	3.2	11.81	9.27	0	2.19	716	84.1	7.79	2.67	71.6	15.8	5.40	0
	3.0	11.10	8.72	0	2.20	676	80.4	7.80	2.69	67.6	15.2	5.40	0
175 x 75 x 20 (7 x 3 x 3/4)	4.5	15.09	11.8	0	2.33	702	104	6.81	2.62	80.2	20.1	5.63	0
	3.2	11.00	8.64	0	2.34	521	79.6	6.88	2.69	59.5	15.4	5.66	0
	3.0	10.35	8.13	0	2.34	495	76.3	6.91	2.71	56.6	14.8	5.67	0
	2.3	8.047	6.13	0	2.34	389	61.0	6.95	2.75	44.5	11.8	5.68	0
150 x 65 x 20 (6 x 2 1/2 x 3/4)	4.5	13.06	10.25	0	2.10	441	68.8	5.80	2.29	58.8	15.6	5.00	0
	4.0	11.75	9.220	0	2.11	401	63.7	5.84	2.33	53.5	14.5	5.00	0
	3.2	9.567	7.510	0	2.11	332	53.8	5.89	2.37	44.3	12.2	5.10	0
	3.0	9.010	7.070	0	2.11	342	51.5	5.91	2.39	42.0	11.7	5.10	0
	2.3	7.012	5.500	0	2.12	248	41.1	5.94	2.42	33.0	9.37	5.20	0
125 x 50 x 20 (5 x 2 x 3/4)	4.5	10.59	8.32	0	1.68	238	33.5	4.74	1.78	38.0	10.0	4.00	0
	4.0	9.548	7.50	0	1.68	217	33.1	4.77	1.81	34.7	9.38	4.00	0
	3.2	7.807	6.13	0	1.68	181	26.6	4.82	1.85	29.0	8.02	4.00	0
	3.0	7.360	5.78	0	1.68	170	25.5	4.80	1.86	27.1	7.68	4.00	0
	2.3	5.747	4.51	0	1.69	137	20.6	4.88	1.89	21.9	6.22	4.10	0
100 x 50 x 20 (4 x 2 x 3/4)	4.5	9.469	7.43	0	1.86	139.0	30.9	3.82	1.81	27.7	9.82	4.30	0
	4.0	8.548	6.71	0	1.86	127.0	28.7	3.85	1.83	25.4	9.13	4.30	0
	3.2	7.007	5.50	0	1.86	107.0	24.5	3.90	1.87	21.3	7.81	4.40	0
	3.0	6.608	5.19	0	1.86	101.5	23.6	3.92	1.89	20.3	7.52	4.40	0
	2.3	5.172	4.06	0	1.86	80.70	19.0	3.95	1.92	16.1	6.06	4.40	0