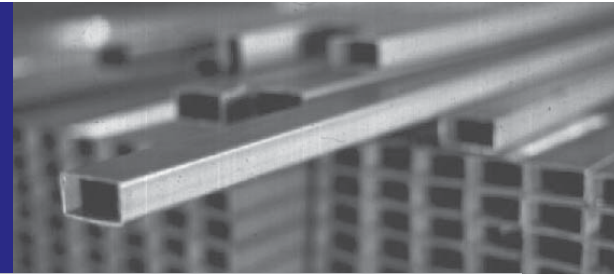
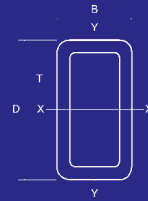


CARBON STEEL RECTANGULAR PIPES

FOR GENERAL STRUCTURAL PURPOSES



Side Length DxB		Thickness (mm.)	Calculate Weight (kg./m.)	Informative Reference						
				Cross Sectional Area (cm ²)	Geometrical Moment of Inertia (cm ⁴)		Modulus of Section (cm ³)		Radius of Gyration (cm.)	
in.	mm.	T	W	A	I _x	I _y	Z _x	Z _y	I _x	I _y
2 x 1	50 x 25	1.60	1.75	2.23	7.42	2.47	2.97	1.98	1.82	1.05
		2.30	2.44	3.10	10.13	3.30	4.05	2.64	1.81	1.03
		3.20	3.24	4.13	13.19	4.17	5.28	3.34	1.79	1.01
2 3/8 x 1 1/4	60 x 30	1.60	2.13	2.71	13.07	4.39	4.36	2.93	2.20	1.27
		2.30	2.98	3.79	18.01	5.94	6.00	3.96	2.18	1.25
		3.20	3.99	5.09	23.72	7.63	7.91	5.09	2.16	1.23
3 x 1 1/2	75 x 38	1.60	2.71	3.45	26.25	9.08	7.00	4.78	2.76	1.62
		2.30	3.81	4.85	36.48	12.44	9.73	6.55	2.74	1.60
		3.20	5.15	6.56	48.58	16.26	12.96	8.56	2.72	1.57
3 x 1 3/4	75 x 45	1.60	2.88	3.67	29.27	13.25	7.81	5.89	2.82	1.90
		2.30	4.06	5.17	40.74	18.27	10.86	8.12	2.81	1.88
		3.20	5.50	7.01	54.36	24.08	14.50	10.70	2.79	1.85
4 x 2	100 x 50	1.60	3.64	4.63	62.92	21.48	12.58	8.59	3.69	2.15
		2.30	5.14	6.55	88.18	29.77	17.64	11.91	3.67	2.13
		3.20	7.01	8.93	118.72	39.52	23.75	15.81	3.65	2.10
		4.50	9.55	12.16	159.20	51.90	31.84	20.76	3.62	2.07

		6.00 9.00	12.27 17.05	15.63 21.67	200.87 269.64	63.93 81.78	40.17 53.93	25.57 32.71	3.59 3.53	2.02 1.94
5 x 3	125 x 75	1.60	4.89	6.23	139.56	63.76	22.33	17.00	4.73	3.20
		2.30	6.95	8.85	196.77	89.38	31.48	23.83	4.72	3.18
		3.20	9.52	12.12	267.04	120.39	42.73	32.10	4.69	3.15
		4.50	13.09	16.66	362.21	161.54	57.95	43.01	4.66	3.11
		6.00	16.98	21.63	463.18	203.99	74.11	54.40	4.63	3.07
		9.00	24.08	30.67	638.81	274.32	102.21	73.15	4.56	2.99
6 x 2	150 x 50	1.60	4.89	6.23	172.46	30.85	22.99	12.34	5.26	2.23
		2.30	6.95	8.85	243.28	42.87	32.44	17.15	5.24	2.20
		3.20	9.52	12.12	330.36	57.07	44.05	22.83	5.22	2.17
		4.50	13.09	16.66	448.48	75.27	59.80	30.11	5.19	2.13
		6.00	16.98	21.63	574.03	93.15	76.54	37.26	5.15	2.08
		9.00	24.08	30.67	792.93	120.21	105.72	48.08	5.08	1.98
6 x 3	150 x 75	2.30	7.85	10.00	306.01	104.58	40.80	27.89	5.53	3.23
		3.20	10.78	13.72	416.57	141.03	55.54	37.61	5.51	3.21
		4.50	14.85	18.91	567.60	189.54	75.68	50.54	5.48	3.17
		6.00	19.34	24.63	729.64	239.79	97.29	63.94	5.44	3.12
		9.00	27.61	35.17	1,016.89	323.63	135.59	86.30	5.38	3.03
6 x 4	150 x 100	2.30	8.76	11.15	368.73	197.97	49.16	39.59	5.75	4.21
		3.20	12.03	15.32	502.79	268.70	67.04	53.74	5.73	4.19
		4.50	16.62	21.16	686.72	364.55	91.56	72.91	5.70	4.15
		6.00	21.69	27.63	885.25	466.31	118.03	93.26	5.66	4.11
		9.00	31.15	39.67	1,240.86	643.50	165.45	128.70	5.59	4.03
8 x 4	200 x 100	3.20	14.54	18.52	1,006.74	343.69	100.67	68.74	7.37	4.31
		4.50	20.15	25.66	1,382.70	467.23	138.27	93.45	7.34	4.27
		6.00	26.40	33.63	1,793.91	599.03	179.39	119.81	7.30	4.22
		9.00	38.21	48.67	2,547.15	830.43	254.72	166.09	7.23	4.13