

RECTANGULAR STEEL PIPES : ท่อแบนทั่วไป

Side Length		Thickness	Calculate Weight	Cross Sectional Area	Geometrical Moment of Inertia		Modulus of Section		Radius of Gyration	
DxB		mm	kg/m	cm <sup>2</sup>	cm <sup>4</sup>		cm <sup>3</sup>		cm	
in.	mm.	T	W	A	I <sub>x</sub>	I <sub>y</sub>	Z <sub>x</sub>	Z <sub>y</sub>	i <sub>x</sub>	i <sub>y</sub>
2"x1"	50x25	1.00	1.130	1.43	4.68	1.60	1.87	1.28	1.81	1.06
		1.20	1.340	1.71	5.49	1.87	2.19	1.50	1.79	1.05
		1.40	1.550	1.97	6.26	2.13	2.50	1.70	1.78	1.04
		1.60	1.750	2.23	6.99	2.37	2.80	1.90	1.77	1.03
		1.80	1.950	2.49	7.68	2.61	3.07	2.09	1.76	1.02
		2.00	2.150	2.74	8.34	2.83	3.34	2.26	1.75	1.02
		2.30	2.440	3.10	9.27	3.15	3.71	2.52	1.73	1.01
		2.60	2.710	3.46	10.13	3.47	4.05	2.77	1.71	1.00
		2.80	2.890	3.68	10.66	3.67	4.27	2.94	1.70	1.00
		3.00	3.070	3.91	11.18	3.88	4.47	3.11	1.69	1.00
		3.20	3.240	4.13	11.67	4.10	4.67	3.28	1.68	1.00
3"x1-1/2"	75x38	1.80	3.030	3.85	28.01	9.77	7.47	5.14	2.70	1.59
		2.00	3.340	4.26	30.66	10.67	8.18	5.62	2.68	1.58
		2.30	3.810	4.85	34.47	11.97	9.19	6.30	2.67	1.57
		2.60	4.260	5.43	38.09	13.21	10.16	6.95	2.65	1.56
		2.80	4.560	5.81	40.39	14.00	10.77	7.37	2.64	1.55
		3.00	4.860	6.19	42.62	14.77	11.37	7.78	2.62	1.55
		3.20	5.150	6.56	44.78	15.53	11.94	8.17	2.61	1.54
		3.60	5.720	7.28	48.87	17.00	13.03	8.95	2.59	1.53
		4.00	6.270	7.99	52.69	18.45	14.05	9.71	2.57	1.52
4"x2"	100x50	1.60	3.640	4.63	61.20	21.05	12.24	8.42	3.63	2.13
		1.80	4.070	5.19	68.09	23.37	13.62	9.35	3.62	2.12
		2.00	4.500	5.74	74.81	25.63	14.96	10.25	3.61	2.11
		2.30	5.140	6.55	84.60	28.91	16.92	11.56	3.59	2.10
		2.60	5.770	7.36	94.02	32.05	18.80	12.82	3.58	2.09
		2.80	6.190	7.88	100.11	34.08	20.02	13.63	3.56	2.08
		3.00	6.600	8.41	106.04	36.06	21.21	14.42	3.55	2.07
		3.20	7.010	8.93	111.82	37.99	22.36	15.20	3.54	2.06
		3.60	7.810	9.95	122.93	41.72	24.59	16.69	3.52	2.05
		4.00	8.590	10.95	133.48	45.30	26.70	18.12	3.49	2.03
				4.20	8.980	11.44	138.55	47.04	27.71	18.82

		1.80	5.480	6.99	152.74	69.98	24.44	18.66	4.68	3.16
		2.00	6.070	7.74	168.32	77.04	26.93	20.54	4.66	3.16
		2.30	6.950	8.85	191.19	87.37	30.59	23.30	4.65	3.14

5"x3"	125x75	2.60	7.820	9.96	213.46	97.40	34.15	25.97	4.63	3.13
		2.80	8.390	10.68	227.97	103.92	36.48	27.71	4.62	3.12
		3.00	8.960	11.41	242.22	110.31	38.75	29.42	4.61	3.11
		3.20	9.520	12.13	256.20	116.59	40.99	31.09	4.60	3.10
		3.60	10.640	13.55	283.41	128.77	45.35	34.34	4.57	3.08
		4.00	11.730	14.95	309.61	140.50	49.54	37.47	4.55	3.07
		4.20	12.280	15.64	322.34	146.20	51.57	38.99	4.54	3.06
		4.50	13.080	16.67	340.99	154.57	54.56	41.22	4.52	3.05
6"x2"	150x50	1.80	5.480	6.99	188.10	33.83	25.08	13.53	5.19	2.20
		2.00	6.070	7.74	207.24	37.16	27.63	14.86	5.18	2.19
		2.30	6.950	8.85	235.28	42.00	31.37	16.80	5.16	2.18
		2.60	7.820	9.96	262.55	46.67	35.01	18.67	5.14	2.17
		2.80	8.390	10.68	280.30	49.70	37.37	19.88	5.12	2.16
		3.00	8.960	11.41	297.71	52.65	39.69	21.06	5.11	2.15
		3.20	9.520	12.13	314.78	55.54	41.97	22.22	5.09	2.14
		3.60	10.640	13.55	347.91	61.14	46.39	24.45	5.07	2.12
		4.00	11.730	14.95	379.73	66.51	50.63	26.61	5.04	2.11
		4.20	12.280	15.64	395.15	69.13	52.69	27.65	5.03	2.10
		4.50	13.080	16.67	417.69	72.97	55.69	29.19	5.01	2.09
6"x4"	150x100	3.20	12.030	15.33	487.20	261.80	64.96	52.36	5.64	4.13
		3.60	13.460	17.15	540.85	290.29	72.11	58.06	5.62	4.11
		4.00	14.870	18.95	592.94	317.91	79.06	63.58	5.59	4.10
		4.20	15.570	19.84	618.42	331.41	82.46	66.28	5.58	4.09
		4.50	16.620	21.17	655.93	351.27	87.46	70.25	5.57	4.07
		5.00	18.330	23.36	716.62	383.40	95.55	76.68	5.54	4.05
		6.00	21.690	27.63	831.37	444.27	110.85	88.85	5.49	4.01
		8.00	28.100	35.79	1036.85	555.08	138.25	111.02	5.38	3.94
8"x4"	200x100	4.00	18.010	22.95	1197.04	410.12	119.70	82.02	7.22	4.23
		4.20	18.870	24.04	1249.86	427.83	124.99	85.57	7.21	4.22
		4.50	20.150	25.67	1327.88	453.95	132.79	90.79	7.19	4.21
		5.00	22.260	28.36	1454.71	496.32	145.47	99.26	7.16	4.18
		6.00	26.400	33.63	1696.6	576.99	169.66	115.40	7.10	4.14
		8.00	34.380	43.79	2135.73	724.79	213.57	144.96	6.98	4.07
8"x6"	* 200x150	4.00	21.150	26.95	1581.25	1019.37	158.13	135.92	7.66	6.15
		4.20	22.170	28.24	1652.47	1064.95	165.25	141.99	7.65	6.14
		4.50	23.680	30.17	1757.94	1132.42	175.79	150.99	7.63	6.13
		5.00	26.180	33.36	1930.13	1242.45	193.01	165.66	7.61	6.10
		6.00	31.110	39.63	2261.32	1453.81	226.13	193.84	7.55	6.06
		8.00	40.660	51.79	2873.44	1844.27	287.34	245.90	7.45	5.97
		9.00	45.270	57.67	3156.07	2025.15	315.61	270.02	7.40	5.93