



Nominal Size		t Wall Thickness	Calculated Weight		Sectional Area	Moment of Inertia		Section Modulus		Radius of Gyration		Plastic Modulus	
						lx	ly	Zx	Zy	ix	iy	Sx	Sy
mm	in	mm	kg/m	kg/6m	cm ²	cm ⁴	cm ⁴	cm ³	cm ³	cm	cm	cm ³	cm ³
25 x 12	1 x 1/2	0.8	0.440	2.409	0.561	0.444	0.139	0.355	0.231	0.889	0.497	0.445	0.264
		1.0	0.543	3.257	0.691	0.536	0.165	0.429	0.276	0.880	0.489	0.553	0.325
		1.2	0.642	3.853	0.818	0.621	0.189	0.496	0.316	0.871	0.481	0.649	0.379
		1.6	0.832	4.991	1.060	0.770	0.229	0.616	0.382	0.853	0.465	0.829	0.478
38 x 19	1 1/2 x 3/4	1.0	0.857	5.141	1.091	2.050	0.691	1.080	0.727	1.370	0.796	1.350	0.829
		1.2	1.020	6.114	1.298	2.400	0.804	1.260	0.847	1.360	0.787	1.600	0.977
		1.6	1.330	8.005	1.700	3.060	1.010	1.610	1.060	1.340	0.771	2.080	1.260
38 x 25	1 1/2 x 1	1.0	0.951	5.706	1.21	2.46	1.28	1.29	1.03	1.42	1.03	1.57	1.18
		1.2	1.130	6.792	1.44	2.89	1.50	1.52	1.20	1.42	1.02	1.86	1.39
		1.6	1.490	8.910	1.89	3.70	1.91	1.95	1.53	1.40	1.01	2.42	1.80
50 x 25	2 x 1	0.8	0.918	4.293	1.17	3.90	1.33	1.56	1.07	1.83	1.07	1.91	1.18
		1.0	1.140	6.836	1.45	4.79	1.63	1.92	1.30	1.82	1.06	2.38	1.46
		1.2	1.360	8.148	1.73	5.65	1.91	2.26	1.53	1.81	1.05	2.82	1.73
		1.6	1.790	10.718	2.28	7.29	2.44	2.91	1.95	1.79	1.03	3.69	2.25
65 x 35	2 1/2 x 1 3/8	1.2	1.810	8.148	2.31	13.07	5.04	4.02	2.88	2.38	1.48	4.91	3.21
		1.6	2.380	14.280	3.03	16.87	6.47	5.19	3.70	2.36	1.46	6.39	4.17
65 x 38	2 1/2 x 1 1/2	1.2	1.866	11.196	2.38	13.80	6.06	4.25	3.19	2.41	1.60	5.14	3.56
		1.6	2.490	14.938	3.17	18.30	7.94	5.63	4.18	2.40	1.58	6.91	4.75
75 x 25	3 x 1	1.2	1.810	6.836	2.31	15.31	2.73	4.08	2.18	2.58	1.09	5.24	2.40
		1.6	2.380	14.279	3.03	20.10	3.51	5.35	2.81	2.55	1.07	7.12	3.21
75 x 38	3 x 1 1/2	1.2	2.055	6.836	2.62	19.56	6.87	5.22	3.61	2.73	1.62	6.39	4.00
		1.6	2.710	16.239	3.45	25.30	8.85	6.76	4.66	2.71	1.60	8.59	5.34