

WIDE FLANGE BEAMS

ASTM A-992

Nominal Size in Inches	Lbs. /Ft	Depth of Section in Inches	Flange Width in Inches	Flange Thickness in Inches	Web Thickness in Inches
		A	B	C	D
4 x 4	13.0	4.16	4.060	0.345	0.280
5 x 5	16.0	5.00	5.000	0.360	0.240
6 x 4	9.0	5.90	3.940	0.215	0.170
6 x 4	12.0	6.00	4.030	0.279	0.230
6 x 4	16.0	6.28	4.030	0.405	0.260
6 x 6	15.0	5.99	4.990	0.260	0.230
6 x 6	20.0	6.20	6.018	0.367	0.258
6 x 6	25.0	6.37	6.080	0.456	0.320
8 x 4	10.0	7.90	3.940	0.204	0.170
8 x 4	13.0	8.00	4.000	0.254	0.230
8 x 4	15.0	8.12	4.015	0.314	0.245
8 x 5 1/4	18.0	8.14	5.250	0.330	0.230
8 x 5 1/4	21.0	8.28	5.270	0.400	0.250
8 x 6 1/2	24.0	7.93	9.500	0.398	0.245
8 x 6 1/2	28.0	8.06	9.540	0.463	0.285
8 x 8	31.0	8.00	8.000	0.433	0.288
8 x 8	35.0	8.12	8.027	0.493	0.315
8" H Piling	36.0	8.02	8.155	0.445	0.445
8 x 8	40.0	8.25	8.077	0.558	0.365
8 x 8	48.0	8.50	8.117	0.683	0.405
8 x 8	58.0	8.75	8.220	0.810	0.510
8 x 8	67.0	9.00	8.280	0.935	0.570
10 x 4	12.0	9.87	3.960	0.210	0.190
10 x 4	15.0	10.00	4.000	0.269	0.230
10 x 4	17.0	10.12	4.010	0.329	0.240
10 x 4	19.0	10.25	4.020	0.394	0.250
10 x 5 3/4	22.0	10.17	5.750	0.360	0.240
10 x 5 3/4	26.0	10.33	5.770	0.440	0.260
10 x 5 3/4	30.0	10.47	5.810	0.510	0.300
10 x 8	33.0	9.75	7.964	0.433	0.292
10 x 8	39.0	9.94	7.990	0.528	0.318
10 x 8	45.0	10.12	8.022	0.618	0.350
10" H Piling	42.0	9.70	10.750	0.420	0.415
10 x 10	49.0	10.00	10.000	0.588	0.340
10 x 10	54.0	10.09	10.030	0.615	0.370
10 x 10	60.0	10.22	10.080	0.680	0.420
10 x 10	68.0	10.40	10.130	0.770	0.470
12 x 4	14.0	11.91	3.970	0.224	0.200
12 x 4	16.0	11.99	3.990	0.265	0.220
12 x 4	19.0	12.16	4.010	0.349	0.240
12 x 4	22.0	12.31	4.030	0.424	0.260

12 x 6 1/2	26.0	12.22	6.490	0.380	0.230
12 x 6 1/2	30.0	12.34	6.520	0.440	0.260
12 x 6 1/2	35.0	12.50	6.560	0.520	0.300
12 x 8	40.0	11.94	8.000	0.516	0.394
12 x 8	45.0	12.06	8.042	0.576	0.336
12 x 8	50.0	12.19	8.077	0.640	0.371
12 x 10	53.0	12.06	9.995	0.757	0.345
12 x 10	58.0	12.19	10.010	0.640	0.360
14 x 5	22.0	13.72	5.000	0.335	0.230
14 x 5	26.0	13.89	5.025	0.418	0.255
14 x 6 3/4	30.0	13.86	6.733	0.383	0.270
14 x 6 3/4	34.0	14.00	6.750	0.453	0.287
14 x 6 3/4	38.0	14.10	6.770	0.515	0.310
14 x 8	43.0	13.68	8.000	0.528	0.308
14 x 8	53.0	13.92	8.060	0.660	0.370
14 x 10	61.0	13.89	9.995	0.645	0.375
14 x 10	68.0	14.04	10.035	0.720	0.415
16 x 5 1/2	26.0	15.65	5.500	0.345	0.250
16 x 5 1/2	31.0	15.84	5.525	0.442	0.275
16 x 7	36.0	15.85	6.999	0.428	0.299
16 x 7	40.0	16.00	7.000	0.503	0.307
16 x 7	45.0	16.13	7.035	0.565	0.345
16 x 7	50.0	16.25	7.073	0.628	0.380
16 x 7	57.0	16.43	7.120	0.715	0.430
18 x 6	35.0	17.71	6.000	0.429	0.298
18 x 6	40.0	17.90	6.018	0.524	0.316
18 x 6	46.0	18.06	6.060	0.605	0.360
18 x 7 1/2	50.0	18.00	7.500	0.570	0.358
18 x 7 1/2	55.0	18.12	7.532	0.630	0.390
21 x 6 1/2	44.0	20.66	6.500	0.451	0.348
21 x 6 1/2	50.0	20.83	6.530	0.535	0.380
21 x 6 1/2	57.0	21.06	6.555	0.650	0.405
21 x 8 1/4	62.0	20.99	8.240	0.615	0.400
21 x 8 1/4	68.0	21.13	8.270	0.685	0.430
24 x 7	55.0	23.63	7.000	0.500	0.395
24 x 7	62.0	23.74	7.040	0.590	0.430
24 x 9	68.0	23.73	8.965	0.585	0.415
24 x 9	76.0	23.92	8.990	0.680	0.440