



# STEEL I BEAMS

## ASTM A-36



Stocked in lengths from 20 ft. to 65 ft. in 5 ft. increments.

Size and Weight per Foot Sizes (in.) x Weight (lbs.)			A (in.) Depth	B (in.) Flange Width	C (in.) Flange Thick.	D (in.) Web Thick.
<b>5</b>	x	18.9	5	5.000	0.416	0.313
<b>6</b>	x	4.4	6	1.875	0.171	0.125
<b>8</b>	x	6.5	8	2.250	0.189	0.125
<b>10</b>	x	9.0	10	2.750	0.206	0.188
<b>12</b>	x	11.8	12	3.000	0.225	0.188



# WIDE FLANGE BEAMS (W)

## ASTM A-992



Stocked in lengths from 20 ft. to 65 ft. in 5 ft. increments.

Size and Weight per Foot Sizes (in.) x Weight (lbs.)			A (in.) Depth	B (in.) Flange Width	C (in.) Flange Thick.	D (in.) Web Thick.
<b>W 4</b>	x	13	4.16	4.060	0.345	0.280
<b>W 5</b>	x	16	5.01	5.000	0.360	0.240
		19	5.15	5.030	0.430	0.270
<b>W 6</b>	x	8.5	5.83	3.940	0.170	0.195
		9	5.90	3.940	0.215	0.170
		12	6.03	4.000	0.280	0.230
		16	6.28	4.030	0.405	0.260
<b>W 6</b>	x	15	5.99	5.990	0.260	0.230
		20	6.20	6.020	0.365	0.260
		25	6.38	6.080	0.455	0.320
<b>W 8</b>	x	10	7.89	3.940	0.205	0.170
		13	7.99	4.000	0.255	0.230
		15	8.11	4.015	0.315	0.245
		18	8.14	5.250	0.330	0.230
		21	8.28	5.270	0.400	0.250
		24	7.93	6.495	0.400	0.245
		28	8.06	6.535	0.465	0.285
		31	8.00	7.995	0.435	0.285
		35	8.12	8.020	0.495	0.310
		40	8.25	8.070	0.560	0.360
		48	8.50	8.110	0.685	0.400



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Size and Weight per Foot		A (in.)	B (in.)	C (in.)	D (in.)
Sizes (in.) x Weight (lbs.)		Depth	Flange Width	Flange Thick.	Web Thick.
<b>W 8</b> (cont.)	x 58	8.75	8.220	0.810	0.510
	67	9.00	8.280	0.935	0.570
<b>W 10</b>	x 12	9.87	3.960	0.210	0.190
	15	9.99	4.000	0.270	0.230
	17	10.11	4.010	0.330	0.240
	19	10.24	4.020	0.395	0.250
	22	10.17	5.750	0.360	0.240
	26	10.33	5.770	0.440	0.260
	30	10.47	5.810	0.510	0.300
	33	9.73	7.960	0.435	0.290
	39	9.92	7.985	0.530	0.315
	45	10.10	8.020	0.620	0.350
	49	9.98	10.000	0.560	0.340
	54	10.09	10.030	0.615	0.370
	60	10.22	10.080	0.680	0.420
	68	10.40	10.130	0.770	0.470
	77	10.60	10.190	0.870	0.530
	88	10.84	10.265	0.990	0.605
	100	11.10	10.340	1.120	0.680
112	11.36	10.415	1.250	0.755	
<b>W 12</b>	x 14	11.91	3.970	0.225	0.200
	16	11.99	3.990	0.265	0.220
	19	12.16	4.005	0.350	0.235
	22	12.31	4.030	0.425	0.260
	26	12.22	6.490	0.380	0.230
	30	12.34	6.520	0.440	0.260
	35	12.50	6.560	0.520	0.300
	40	11.94	8.005	0.515	0.295
	45	12.06	8.045	0.575	0.335
	50	12.19	8.080	0.640	0.370
	53	12.06	9.995	0.575	0.345
	58	12.19	10.010	0.640	0.360
	65	12.12	12.000	0.605	0.390
	72	12.25	12.040	0.670	0.430
	79	12.38	12.080	0.735	0.470
87	12.53	12.125	0.810	0.515	



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Size and Weight per Foot		A (in.)	B (in.)	C (in.)	D (in.)
Sizes (in.) x Weight (lbs.)		Depth	Flange Width	Flange Thick.	Web Thick.
<b>W 12</b> (cont.) x	96	12.71	12.160	0.900	0.550
	106	12.89	12.220	0.990	0.610
	120	13.12	12.320	1.105	0.710
	136	13.41	12.400	1.250	0.790
	152	13.71	12.480	1.400	0.870
	170	14.03	12.570	1.560	0.960
	190	14.38	12.670	1.735	1.060
	210	14.71	12.790	1.900	1.180
	230	15.05	12.895	2.070	1.285
	252	15.41	13.005	2.250	1.395
	279	15.85	13.140	2.470	1.530
	305	16.32	13.235	2.705	1.625
	336	16.82	13.385	2.955	1.775
<b>W 14</b> x	22	13.74	5.000	0.335	0.230
	26	13.91	5.025	0.420	0.255
	30	13.84	6.730	0.385	0.270
	34	13.98	6.745	0.455	0.285
	38	14.10	6.770	0.515	0.310
	43	13.66	7.995	0.530	0.305
	48	13.79	8.030	0.595	0.340
	53	13.92	8.060	0.660	0.370
	61	13.89	9.995	0.645	0.375
	68	14.04	10.035	0.720	0.415
	74	14.17	10.070	0.785	0.450
	82	14.31	10.130	0.855	0.510
	90	14.02	14.520	0.710	0.440
	99	14.16	14.565	0.780	0.485
	109	14.32	14.605	0.860	0.525
	120	14.48	14.670	0.940	0.590
	132	14.66	14.725	1.030	0.645
	145	14.78	15.500	1.090	0.680
	159	14.98	15.565	1.190	0.745
	176	15.22	15.650	1.310	0.830
193	15.48	15.710	1.440	0.890	
211	15.72	15.800	1.560	0.980	
233	16.04	15.890	1.720	1.070	



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Size and Weight per Foot		A (in.)	B (in.)	C (in.)	D (in.)
Sizes (in.) x Weight (lbs.)		Depth	Flange Width	Flange Thick.	Web Thick.
<b>W 14</b> (cont.) x	257	16.38	15.995	1.890	1.175
	283	16.74	16.110	2.070	1.290
	311	17.12	16.230	2.260	1.410
	342	17.54	16.360	2.470	1.540
	370	17.92	16.475	2.660	1.655
	398	18.29	16.590	2.845	1.770
	426	18.67	16.695	3.035	1.875
	455	19.02	16.835	3.210	2.015
	500	19.60	17.010	3.500	2.190
	550	20.24	17.200	3.820	2.380
	605	20.92	17.415	4.160	2.595
	665	21.64	17.650	4.520	2.830
	730	22.42	17.890	4.910	3.070
<b>W 16</b> x	26	15.69	5.500	0.345	0.250
	31	15.88	5.525	0.440	0.275
	36	15.86	6.985	0.430	0.295
	40	16.01	6.995	0.505	0.305
	45	16.13	7.035	0.565	0.345
	50	16.26	7.070	0.630	0.380
	57	16.43	7.120	0.715	0.430
	67	16.33	10.235	0.665	0.395
	77	16.52	10.295	0.760	0.455
	89	16.75	10.365	0.875	0.525
	100	16.97	10.425	0.985	0.585
<b>W 18</b> x	35	17.70	6.000	0.425	0.300
	40	17.90	6.015	0.525	0.315
	46	18.06	6.060	0.605	0.360
	41	17.70	7.450	0.430	0.320
	45	17.86	7.480	0.500	0.340
	50	17.99	7.495	0.570	0.355
	55	18.11	7.530	0.630	0.390
	60	18.24	7.555	0.695	0.415
	65	18.35	7.590	0.750	0.450
	71	18.47	7.635	0.810	0.495
	76	18.21	11.035	0.680	0.425
	86	18.39	11.090	0.770	0.480



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Sizes (in.) x Weight (lbs.)		Depth	Flange Width	Flange Thick.	Web Thick.
<b>W 18</b> (cont.)	x 97	18.59	11.145	0.870	0.535
	106	18.73	11.200	0.940	0.590
	119	18.97	11.265	1.060	0.655
	130	19.25	11.160	1.200	0.670
	143	19.49	11.220	1.320	0.730
	158	19.72	11.300	1.440	0.810
	175	20.04	11.375	1.590	0.890
	192	20.35	11.455	1.750	0.960
	211	20.67	11.555	1.910	1.060
	234	21.06	11.650	2.110	1.160
	258	21.46	11.770	2.300	1.280
	283	21.85	11.890	2.500	1.400
	311	22.32	12.050	2.740	1.520
<b>W 21</b>	x 44	20.66	6.500	0.450	0.350
	50	20.83	6.530	0.535	0.380
	57	21.06	6.555	0.650	0.405
	48	20.62	8.140	0.430	0.350
	55	20.80	8.220	0.522	0.375
	62	20.99	8.240	0.615	0.400
	68	21.13	8.270	0.685	0.430
	73	21.24	8.295	0.740	0.455
	83	21.43	8.355	0.835	0.515
	93	21.62	8.420	0.930	0.580
	101	21.36	12.290	0.800	0.500
	111	21.51	12.340	0.875	0.550
	122	21.68	12.390	0.960	0.600
	132	21.83	12.440	1.035	0.650
	147	22.06	12.510	1.150	0.720
	166	22.48	12.420	1.360	0.750
	182	22.72	12.500	1.480	0.830
201	23.03	12.575	1.630	0.910	
223	23.35	12.675	1.790	1.000	
248	23.74	12.775	1.990	1.100	
275	24.13	12.890	2.190	1.220	
<b>W 24</b>	x 55	23.57	7.005	0.505	0.395
	62	23.74	7.040	0.590	0.430



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Sizes (in.) x Weight (lbs.)		Depth	Flange Width	Flange Thick.	Web Thick.
<b>W 24</b> (cont.)	x 56	23.48	8.900	0.461	0.355
	61	23.56	8.930	0.500	0.380
	68	23.73	8.965	0.585	0.415
	76	23.92	8.990	0.680	0.440
	84	24.10	9.020	0.770	0.470
	94	24.31	9.065	0.875	0.515
	103	24.53	9.000	0.980	0.550
	104	24.06	12.750	0.750	0.500
	117	24.26	12.800	0.850	0.550
	131	24.48	12.855	0.960	0.605
	146	24.74	12.900	1.090	0.650
	162	25.00	12.955	1.220	0.705
	176	25.24	12.890	1.340	0.750
	192	25.47	12.950	1.460	0.810
	207	25.71	13.010	1.570	0.870
	229	26.02	13.110	1.730	0.960
	250	26.34	13.185	1.890	1.040
	279	26.73	13.305	2.090	1.160
	306	27.13	13.405	2.280	1.260
	335	27.52	13.520	2.480	1.380
370	27.99	13.660	2.720	1.520	
<b>W 27</b>	x 84	26.71	9.960	0.640	0.460
	94	26.92	9.990	0.745	0.490
	102	27.09	10.015	0.830	0.515
	114	27.29	10.070	0.930	0.570
	129	27.63	10.010	1.100	0.610
	146	27.38	13.965	0.975	0.605
	161	27.59	14.020	1.080	0.660
	178	27.81	14.085	1.190	0.725
	194	28.11	14.035	1.340	0.750
	217	28.43	14.115	1.500	0.830
	235	28.66	14.190	1.610	0.910
	258	28.98	14.270	1.770	0.980
	281	29.29	14.350	1.930	1.060
	307	29.61	14.445	2.090	1.160
	336	30.00	14.550	2.280	1.260



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Size and Weight per Foot		A (in.)	B (in.)	C (in.)	D (in.)
Sizes (in.) x Weight (lbs.)		Depth	Flange Width	Flange Thick.	Web Thick.
<b>W 27</b> (cont.)	x 368	30.39	14.665	2.480	1.380
<b>W 30</b>	x 90	29.53	10.400	0.610	0.470
	x 99	29.65	10.450	0.670	0.520
	x 108	29.83	10.475	0.760	0.545
	x 116	30.01	10.495	0.850	0.565
	x 124	30.17	10.515	0.930	0.585
	x 132	30.31	10.545	1.000	0.615
	x 148	30.67	10.480	1.180	0.650
	x 173	30.44	14.985	1.065	0.655
	x 191	30.68	15.040	1.185	0.710
	x 211	30.94	15.105	1.315	0.775
	x 235	31.30	15.055	1.500	0.830
	x 261	31.61	15.155	1.650	0.930
	x 292	32.01	15.255	1.850	1.020
	x 326	32.40	15.370	2.050	1.140
	x 357	32.80	15.470	2.240	1.240
	x 391	33.19	15.590	2.440	1.360
<b>W 33</b>	x 118	32.86	11.480	0.740	0.550
	x 130	33.09	11.510	0.855	0.580
	x 141	33.30	11.535	0.960	0.605
	x 152	33.49	11.565	1.055	0.635
	x 169	33.82	11.500	1.220	0.670
	x 201	33.68	15.745	1.150	0.715
	x 221	33.93	15.805	1.275	0.775
	x 241	34.18	15.860	1.400	0.830
	x 263	34.53	15.805	1.570	0.870
	x 291	34.84	15.905	1.730	0.960
	x 318	35.16	15.985	1.890	1.040
	x 354	35.55	16.100	2.090	1.160
	x 387	35.95	16.200	2.280	1.260
<b>W 36</b>	x 135	35.55	11.950	0.790	0.600
	x 150	35.85	11.975	0.940	0.625
	x 160	36.01	12.000	1.020	0.650
	x 170	36.17	12.030	1.100	0.680
	x 182	36.33	12.075	1.180	0.725



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Stocked in lengths from 20 ft. to 65 ft. in 5 ft. increments.

Size and Weight per Foot		A (in.)	B (in.)	C (in.)	D (in.)
Sizes (in.) x Weight (lbs.)		Depth	Flange Width	Flange Thick.	Web Thick.
<b>W 36</b> (cont.)	x 194	36.49	12.115	1.260	0.765
	210	36.69	12.180	1.360	0.830
	232	37.12	12.120	1.570	0.870
	256	37.43	12.215	1.730	0.960
	231	36.49	16.470	1.260	0.760
	247	36.67	16.510	1.350	0.800
	262	36.85	16.550	1.440	0.840
	282	37.11	16.595	1.570	0.885
	302	37.33	16.655	1.680	0.945
	330	37.67	16.630	1.850	1.020
	361	37.99	16.730	2.010	1.120
	395	38.37	16.830	2.200	1.220
	441	38.85	16.965	2.440	1.360
<b>W 40</b>	x 149	38.20	11.810	0.830	0.630
	167	38.59	11.810	1.025	0.650
	183	38.98	11.810	1.200	0.650
	211	39.37	11.810	1.415	0.750
	235	39.69	11.890	1.575	0.830
	264	40.00	11.930	1.730	0.960
	294	40.39	12.010	1.930	1.060
	327	40.79	12.130	2.130	1.180
	199	38.67	15.750	1.065	0.650
	215	38.98	15.750	1.220	0.650
	249	39.38	15.750	1.420	0.750
	277	39.69	15.830	1.575	0.830
	297	39.84	15.825	1.650	0.930
	324	40.16	15.910	1.810	1.000
	362	40.55	16.020	2.010	1.120
	372	40.63	16.065	2.045	1.160
	397	40.95	16.120	2.200	1.220
	431	41.26	16.220	2.360	1.340
<b>W 44</b>	x 230	42.91	15.750	1.220	0.710
	262	43.31	15.750	1.415	0.785
	290	43.62	15.825	1.575	0.865
	335	44.02	15.945	1.770	1.025