



## WIDE FLANGE BEAM

**Designation  
and  
nominal  
size in  
inches**

	<b>Wt./Ft.</b>	<b>Depth of Section</b>	<b>Flange Width</b>	<b>Thickness</b>	<b>Web Thickness</b>	<b>Wt./40</b>	<b>Wt./60</b>
4" X 4	13	4.16	4.060	.345	.280	520	780
		4.00	3.940	.371	.254		
5" X 5	16	5.01	5.000	.360	.240	640	960
	18.9					756	1134
	19	5.15	5.030	.430	.270	760	1140
6" X 4	9	5.90	3.940	.215	.170	360	540
	12	6.03	4.000	.280	.230	480	720
	16	6.28	4.030	.405	.260	640	960
6" X 6	15	5.99	5.990	.260	.230	600	900
	20	6.20	6.02	.365	.260	800	1200
	25	6.38	6.08	.455	.320	1000	1500
8" X 4	10	7.89	3.940	.205	.170	400	600
	13	7.99	4.000	.255	.230	520	780
	15	8.11	4.015	.315	.245	600	900
8" X 5 1/4	18	8.14	5.250	.330	.230	720	1080
	21	8.28	5.270	.400	.250	840	1260
8" X 6 1/2	24	7.93	6.495	.400	.245	960	1440
	28	8.06	6.535	.465	.285	1120	1680

	<b>Wt./Ft.</b>	<b>Depth of Section</b>	<b>Flange Width</b>	<b>Thickness</b>	<b>Web Thickness</b>	<b>Wt./40</b>	<b>Wt./60</b>
8" X 8	31	8.00	7.995	.435	.285	1240	1860
	35	8.12	8.020	.495	.310	1400	2100
	40	8.25	8.070	.560	.360	1600	2400
	48	8.50	8.110	.685	.400	1920	2880
	58	8.75	8.220	.810	.510	2320	3480
	67	9.00	8.280	.935	.570	2680	4020
10" X 4	12	9.87	3.960	.210	.190	480	720
	15	9.99	4.000	.270	.230	600	900
	17	10.11	4.010	.330	.240	680	1020
	19	10.24	4.020	.395	.250	760	1140
H. Pile upon request.							
10" X 5 3/4	22	10.17	5.750	.360	.240	888	1320
	26	10.33	5.770	.440	.260	1040	1560
	30	10.47	5.810	.510	.300	1200	1800
10" X 8	33	9.73	7.960	.435	.290	1320	1980
	39	9.92	7.985	.530	.315	1560	2340
	45	10.10	8.020	.620	.350	1800	2700
10" X 10	49	9.98	10.000	.560	.340	1960	2940
	54	10.09	10.030	.615	.370	2160	3240
	60	10.22	10.080	.680	.420	2400	3600
	68	10.40	10.130	.770	.470	2720	4080
	77	10.60	10.190	.870	.530	3080	4620
	88	10.84	10.265	.990	.605	3520	5280
	100	11.10	10.340	1.120	.608	4000	6000
	112	11.36	10.415	1.250	.755	4480	6720
12" X 4	14	11.91	3.970	.225	.200	560	840
	16	11.99	3.990	.265	.220	640	960
	19	12.16	4.005	.350	.235	760	1140
	22	12.31	4.030	.425	.260	880	1320
12" X 6 1/2	26	12.22	6.490	.380	.230	1040	1560
	30	12.34	6.520	.440	.260	1200	1800
	35	12.50	6.560	.520	.300	1400	2100

	<b>Wt./Ft.</b>	<b>Depth of Section</b>	<b>Flange Width</b>	<b>Flange Thickness</b>	<b>Web Thickness</b>	<b>Wt./40</b>	<b>Wt./60</b>
12" X 8	40	11.94	8.005	.515	.295	1600	2400
	45	12.06	8.045	.575	.335	1800	2700
	50	12.19	8.080	.640	.370	2000	3000
12" X 12	65	12.12	12.000	.605	.390	2600	3900
	72	12.25	12.040	.670	.430	2880	4320
	79	12.38	12.808	.735	.470	3160	4740
	87	12.53	12.125	.810	.515	3480	5220
	96	12.71	12.160	.900	.550	3840	5760
	106	12.89	12.220	.990	.610	4240	6360
	120	13.12	12.320	1.105	.710	4800	7200
	136	13.41	12.400	1.250	.790	5440	8160
	152	13.71	12.480	1.400	.870	6080	9120
	17	14.03	12.570	1.560	.960	6800	10200
	190	14.38	12.670	1.735	1.060	7600	11400
14" X 5	22	13.74	5.000	.335	.230	880	1100
	26	13.91	5.025	.420	.225	1040	1300
10" X 6 3/4	30	13.84	6.730	.385	.270	1200	1800
	34	13.98	6.745	.455	.285	1360	2040
	38	14.10	6.770	.515	.310	1520	2280
14" X 8	43	13.66	7.995	.530	.305	1720	2580
	48	13.79	8.030	.595	.340	1920	2880
	53	13.92	8.060	.660	.370	2120	3180
14" X 10	61	13.89	9.995	.645	.375	2440	3660
	68	14.04	10.035	.720	.415	2720	4080
	74	14.17	10.070	.780	.450	2960	4440
	82	14.31	10.130	.855	.510	3280	4920
14" X 14 1/2	73	13.61	14.585	.505	.505	2920	4380
	89	13.83	14.695	.615	.615	3560	5340
	90	14.02	14.520	.710	.440	3600	5400
	99	14.06	14.565	.780	.485	3960	5940
	102	14.01	14.785	.705	.705	4080	6120
	109	14.32	14.605	.860	.525	4380	6540
	117	14.21	14.885	.805	.805	4680	7020
	120	14.48	14.670	.940	.590	4800	7200
	132	14.66	14.725	10.30	.645	5280	7920

	<b>Wt./Ft.</b>	<b>Depth of Section</b>	<b>Flange Width</b>	<b>Flange Thickness</b>	<b>Web Thickness</b>	<b>Wt./40</b>	<b>Wt./60</b>
16" X 5 1/2	26	15.69	5.500	.345	.250	1040	1300
	31	15.88	5.525	.440	.275	1240	1550
16" X 7	36	15.86	6.985	.430	.295	1440	2160
	40	16.01	6.995	.505	.305	1600	2400
	45	16.13	7.035	.565	.345	1800	2700
	50	16.26	7.070	.630	.380	2000	3000
	57	16.43	7.120	.715	.430	2280	3420
16" X 10 1/4	67	16.33	10.235	.665	.395	2680	4020
	77	16.52	10.295	.760	.455	3080	4620
	89	16.75	10.365	.875	.525	3560	5340
	100	16.97	10.425	.985	.585	4000	6000
18" X 6	35	17.70	6.000	.425	.300	1400	2100
	40	17.90	6.015	.525	.315	1600	2400
	46	18.06	6.060	.605	.360	1840	2760
18" X 7 1/2	50	17.99	7.495	.570	.355	2000	3000
	55	18.11	7.530	.630	.390	2200	3300
	60	18.24	7.555	.695	.415	2400	3600
	65	18.35	7.590	.750	.450	2600	3900
	71	18.47	7.635	.810	.495	2840	4260
18" X 11	76	18.21	11.035	.680	.425	3040	4560
	86	18.39	11.090	.770	.480	3440	5160
	97	18.59	11.145	.870	.535	3880	5820
	106	18.73	11.200	.940	.590	4240	6360
	119	18.87	11.265	1.060	.655	4760	7140
21" X 6 1/2	44	20.66	6.500	.450	.350	1760	2640
	50	20.83	6.530	.535	.380	2000	3000
	57	21.06	6.555	.650	.405	2280	3420
21" X 8 1/4	62	20.99	8.420	.615	.400	2480	3720
	68	21.13	8.270	.685	.430	2720	4080
	73	21.24	8.295	.740	.455	2920	4380
	83	21.43	8.355	.835	.515	3320	4920
	93	21.62	8.420	.930	.580	3720	5580

	<b>Wt./Ft.</b>	<b>Depth of Section</b>	<b>Flange Width</b>	<b>Flange Thickness</b>	<b>Web Thickness</b>	<b>Wt./40</b>	<b>Wt./60</b>
21" X 12 1/4	101	21.36	12.290	.800	.500	4040	6060
	111	21.51	12.340	.875	.550	4440	6660
	122	21.68	12.390	.960	.600	4880	7320
	132	21.83	12.440	1.035	.650	5280	7920
	147	22.06	12.510	1.150	.720	5880	8820
24" X 7	55	23.57	7.005	.505	.395	2200	3300
	62	23.74	7.040	.590	.430	2480	3720
24" X 9	68	23.73	8.965	.585	.415	2720	4080
	76	23.92	8.990	.680	.440	3040	4560
	84	24.10	8.020	.770	.470	3360	5040
	94	24.31	9.065	.875	.515	3760	5640
24" X 12 3/4	104	24.06	12.750	.750	.55	4160	6240
	117	24.26	12.800	.850	.550	4680	7020
	131	24.48	12.855	.960	.605	5240	7860
	146	24.74	12.900	1.090	.650	5840	8760
	162	25.00	12.955	1.220	.705	6480	9720
24" X 10	84	26.71	9.960	.640	.460	3360	5040
	94	26.92	9.990	.745	.490	3760	5640
	102	27.09	10.015	.830	.505	4080	6120
	114	27.29	10.070	.930	.570	4560	6840
27" X 14	146	27.38	13.965	.975	.605	5840	8760
	161	27.59	14.020	1.080	.660	6440	9660
	178	27.81	14.085	1.190	.725	7120	10680
30" X 10 1/2	99	29.65	10.450	.670	.520	3960	5940
	108	29.83	10.475	.760	.545	4320	6480
	116	30.01	10.495	.850	.565	4640	6960
	124	30.17	10.515	.930	.585	4960	7440
	132	30.31	10.545	1.000	.615	5280	7920
30" X 15	173	30.44	14.985	1.065	.655	6920	10380
	191	30.68	15.040	1.185	.710	7640	11460
	211	30.94	15.105	1.135	.775	8440	12660

	<b>Wt./Ft.</b>	<b>Depth of Section</b>	<b>Flange Width</b>	<b>Flange Thickness</b>	<b>Web Thickness</b>	<b>Wt./40</b>	<b>Wt./60</b>
33" X 11 1/2	118	32.86	11.480	.740	.550	4720	7080
	130	33.09	11.510	.855	.580	5200	7800
	141	33.30	11.535	.960	.605	5640	8460
	152	33.49	11.565	1.055	.635	6080	9120
33" X 11 1/4	201	33.68	15.745	1.150	.715	8040	12060
	221	33.93	15.805	1.275	.775	8840	13260
	241	34.18	15.860	1.400	.830	9640	14460
36" X 10	135	35.55	11.950	.790	.600	5400	8100
	150	35.85	11.975	.940	.625	6000	9000
	160	36.01	12.000	1.020	.650	6400	9600
	170	36.17	12.030	1.100	.680	6800	10200
	182	36.33	12.075	1.180	.725	7280	10920
	194	36.49	12.115	1.260	.765	7760	11640
	210	36.69	12.180	1.360	.830	8400	12600
36" X 16 1/2	230	35.90	16.470	1.260	.760	9200	13800
	245	36.08	16.510	1.350	.800	9800	14700
	260	36.26	16.550	1.440	.840	10400	15600
	280	36.52	16.595	1.570	.885	11200	16800
	300	36.74	16.655	1.680	.945	12000	18000