



Wide Flange Beams

Nominal Size	Lbs./Ft.	Depth of	Flange		Web	Lbs./20'	Lbs./40'
		Section	Width	Thickness	Thickness		
		A	B	C	D		
4 x 4	13	4.16	4.060	0.345	0.280	260	520
5 x 5	16	5.01	5.000	0.360	0.240	320	640
	19	5.15	5.030	0.430	0.270	380	760
6 x 4	9	5.90	3.940	0.215	0.170	180	360
	12	6.03	4.000	0.280	0.230	240	480
	16	6.28	4.030	0.405	0.260	320	640
6 x 6	15	5.99	5.990	0.260	0.230	300	600
	20	6.20	6.020	0.365	0.260	400	800
	25	6.38	6.080	0.455	0.320	500	1000
8 x 4	10	7.89	3.940	0.205	0.170	200	400
	13	7.99	4.000	0.255	0.230	260	520
	15	8.11	4.015	0.315	0.245	300	600
8 x 5-1/4	18	8.14	5.250	0.330	0.230	360	720
	21	8.28	5.270	0.400	0.250	420	840
8 x 6-1/2	24	7.93	6.495	0.400	0.245	480	960
	28	8.06	6.535	0.465	0.285	560	1120
8 x 8	31	8.00	7.995	0.435	0.285	620	1240
	35	8.12	8.020	0.495	0.310	700	1400
	40	8.25	8.070	0.560	0.360	800	1600
	48	8.50	8.110	0.685	0.400	960	1920
	58	8.75	8.220	0.810	0.510	1160	2320
	67	9.00	8.280	0.935	0.570	1340	2680
10 x 4	12	9.87	3.960	0.210	0.190	240	480
	15	9.99	4.000	0.270	0.230	300	600
	17	10.11	4.010	0.330	0.240	340	680
	19	10.24	4.020	0.395	0.250	380	760
10 x 5-3/4	22	10.17	5.750	0.360	0.240	440	880
	26	10.33	5.770	0.440	0.260	520	1040
	30	10.47	5.810	0.510	0.300	600	1200
10 x 8	33	9.73	7.960	0.435	0.290	660	1320
	39	9.92	7.985	0.530	0.315	780	1560
	45	10.10	8.020	0.620	0.350	900	1800

Nominal Size	Lbs./Ft.	Depth of	Flange		Web	Lbs./20'	Lbs./40'
		Section	Width	Thickness	Thickness		
		A	B	C	D		
10 x 10	49	9.98	10.000	0.560	0.340	980	1960
	54	10.09	10.030	0.615	0.370	1080	2160
	60	10.22	10.080	0.680	0.420	1200	2400
	68	10.40	10.130	0.770	0.470	1360	2720
	77	10.60	10.190	0.870	0.530	1540	3080
	88	10.84	10.265	0.990	0.605	1760	3520
	100	11.10	10.340	1.120	0.680	2000	4000
	112	11.36	10.415	1.250	0.755	2240	4480
12 x 4	14	11.91	3.970	0.225	0.200	280	560
	16	11.99	3.990	0.265	0.220	320	640
	19	12.16	4.005	0.350	0.235	380	760
	22	12.31	4.030	0.425	0.260	440	880
12 x 6-1/2	26	12.22	6.490	0.380	0.230	520	1040
	30	12.34	6.520	0.440	0.260	600	1200
	35	12.50	6.560	0.520	0.300	700	1400
12 x 8	40	11.94	8.005	0.515	0.295	800	1600
	45	12.06	8.045	0.575	0.335	900	1800
	50	12.19	8.080	0.640	0.370	1000	2000
12 x 10	53	12.06	9.995	0.575	0.345	1060	2120
	58	12.19	10.010	0.640	0.360	1160	2320
12 x 12	65	12.12	12.000	0.605	0.390	1300	2600
	72	12.25	12.040	0.670	0.430	1440	2880
	79	12.38	12.080	0.735	0.470	1580	3160
	87	12.53	12.125	0.810	0.515	1740	3480
	96	12.71	12.160	0.900	0.550	1920	3840
	106	12.89	12.220	0.990	0.610	2120	4240
	120	13.12	12.320	1.105	0.710	2400	4800
	136	13.41	12.400	1.250	0.790	2720	5440
14 x 5	22	13.74	5.000	0.335	0.230	440	880
	26	13.91	5.025	0.420	0.225	520	1040
14 x 6-3/4	30	13.84	6.730	0.385	0.270	600	1200
	34	13.98	6.745	0.455	0.285	680	1360
	38	14.10	6.770	0.515	0.310	760	1520
14 x 8	43	13.66	7.995	0.530	0.305	860	1720
	48	13.79	8.030	0.595	0.340	960	1920
	53	13.92	8.060	0.660	0.370	1060	2120

Nominal Size	Lbs./Ft.	Depth of	Flange		Web	Lbs./20'	Lbs./40'
		Section	Width	Thickness	Thickness		
		A	B	C	D		
14 x 10	61	13.89	9.995	0.645	0.375	1220	2440
	68	14.04	10.035	0.720	0.415	1360	2720
	74	14.17	10.070	0.785	0.450	1480	2960
	82	14.31	10.130	0.855	0.510	1640	3280
14 x 14-1/2	90	14.02	14.520	0.710	0.440	1800	3600
	99	14.16	14.565	0.780	0.485	1980	3960
	109	14.32	14.605	0.860	0.525	2180	4360
	120	14.48	14.670	0.940	0.590	2400	4800
	132	14.66	14.725	1.030	0.645	2640	5280
16 x 5-1/2	26	15.69	5.500	0.345	0.250	520	1040
	31	15.88	5.525	0.440	0.275	620	1240
16 x 7	36	15.86	6.985	0.430	0.295	720	1440
	40	16.01	6.995	0.505	0.305	800	1600
	45	16.13	7.035	0.565	0.345	900	1800
	50	16.26	7.070	0.630	0.380	1000	2000
	57	16.43	7.120	0.715	0.430	1140	2280
16 x 10-1/4	67	16.33	10.235	0.665	0.395	1340	2680
	77	16.52	10.295	0.760	0.455	1540	3080
	89	16.75	10.365	0.875	0.525	1780	3560
	100	16.97	10.425	0.985	0.585	2000	4000
18 x 6	35	17.70	6.000	0.425	0.300	700	1400
	40	17.90	6.015	0.525	0.315	800	1600
	46	18.06	6.060	0.605	0.360	920	1840
18 x 7-1/2	50	17.99	7.495	0.570	0.355	1000	2000
	55	18.11	7.530	0.630	0.390	1100	2200
	60	18.24	7.555	0.695	0.415	1200	2400
	65	18.35	7.590	0.750	0.450	1300	2600
	71	18.47	7.635	0.810	0.495	1420	2840
21 x 6-1/2	44	20.66	6.500	0.450	0.350	880	1760
	50	20.83	6.530	0.535	0.380	1000	2000
	57	21.06	6.555	0.650	0.405	1140	2280
21 x 8-1/4	48	20.62	8.140	0.430	0.350	960	1920
	55	20.80	8.220	0.522	0.375	1100	2200
	62	20.99	8.420	0.615	0.400	1240	2480
	68	21.13	8.270	0.685	0.430	1360	2720
	73	21.24	8.295	0.740	0.455	1460	2920
	83	21.43	8.355	0.835	0.515	1660	3320
	93	21.62	8.420	0.930	0.580	1860	3720

Nominal Size	Lbs./Ft.	Depth of	Flange		Web	Lbs./20'	Lbs./40'
		Section	Width	Thickness	Thickness		
		A	B	C	D		
24 x 7	55	23.57	7.005	0.505	0.395	1100	2200
	62	23.74	7.040	0.590	0.430	1240	2480
24 x 9	68	23.73	8.965	0.585	0.415	1360	2720
	76	23.92	8.990	0.680	0.440	1520	3040
	84	24.10	9.020	0.770	0.470	1680	3360
	94	24.31	9.065	0.875	0.515	1880	3760
	103	24.53	9.000	0.980	0.550	2060	4120
27 x 10	84	26.71	9.960	0.640	0.460	1680	3360
	94	26.92	9.990	0.745	0.490	1880	3760
	102	27.09	10.015	0.830	0.505	2040	4080
	114	27.29	10.070	0.930	0.570	2280	4560
	129	27.63	10.010	1.100	0.610	2580	5160
30 x 10-1/2	90	29.53	10.400	0.610	0.470	1800	3600
	99	29.65	10.450	0.670	0.520	1980	3960
	108	29.83	10.475	0.760	0.545	2160	4320
	116	30.01	10.495	0.850	0.565	2320	4640
	124	30.17	10.515	0.930	0.585	2480	4960
	132	30.31	10.545	1.000	0.615	2640	5280
	148	30.67	10.480	1.180	0.650	2960	5920

Additional Wide Flange Sizes and Lengths Are Available. Please Call or Email for Availability

I-Beams

Size	Lbs./Ft/	Flange		Web	
		Width	Thickness	Lbs./20'	Lbs./40'
3	5.70	2.330	0.170	114	228
3	7.50	2.509	0.349	150	300
4	7.70	2.663	0.193	154	308
5	10.00	3.004	0.214	200	400
6	12.50	3.332	0.230	250	500
6	17.25	3.565	0.465	345	690
8	18.40	4.000	0.270	368	736
8	23.00	4.171	0.441	460	920
10	25.40	4.660	0.310	508	1016
10	35.00	4.944	0.594	700	1400
12	31.80	5.000	0.350	636	1272
15	42.90	5.500	0.411	858	1716
20	66.00	6.255	0.505	1320	2640

Junior Beams

Size	Lbs./Ft/	Flange		Web	
		Width	Thickness	Lbs./20'	Lbs./40'
6	4.40	\$1.844	\$0.114	88	176
8	6.50	\$2.281	\$0.135	130	260
10	9.00	\$2.688	\$0.155	180	360
12	11.80	\$3.063	\$0.175	236	472

I-Beam and Junior Beams are Currently All Special Order
