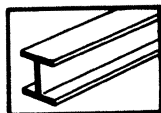


Wide Flange & H Beams ASTM-A36/A572

Section Size	Weight Per Ft. Lb.	Depth of Section Inches	Flange in inches		Web Thickness in Inches
			Width	Thickness	
4 x 4	13.0	4.16	4.06	.345	.280
5 x 5	16.0	5.01	5.00	.360	.240
6 x 4	19.0	5.15	5.03	.430	.270
	9.0	5.90	3.94	.215	.170
6 x 6	12.0	6.03	4.00	.280	.230
	16.0	6.28	4.03	.405	.260
	15.0	5.99	5.99	.260	.230
6 x 6	20.0	6.20	6.02	.365	.260
	25.0	6.38	6.08	.455	.320
6 x 6½	25.0	6.38	6.08	.455	.320
8 x 4	10.0	7.89	3.94	.205	.170
	13.0	7.99	4.00	.255	.230
8 x 5¼	15.0	8.11	4.015	.315	.245
	18.0	8.14	5.25	.330	.230
	21.0	8.28	5.27	.400	.250
8 x 6½	24.0	7.93	6.495	.400	.245
	28.0	8.06	6.535	.465	.285
8 x 8	31.0	8.00	7.995	.435	.285
	35.0	8.12	8.02	.495	.310
8 x 8½	40.0	8.25	8.07	.560	.360
	48.0	8.50	8.11	.685	.400
8 x 8¼	58.0	8.75	8.22	.810	.510
	67.0	9.00	8.28	.935	.570
10 x 4	12.0	9.87	3.96	.210	.190
	15.0	9.99	4.00	.270	.230
	17.0	10.11	4.01	.330	.240
10 x 5	19.0	10.24	4.02	.395	.250
	22.0	10.17	5.75	.360	.240
	26.0	10.33	5.77	.440	.260
10 x 5¾	30.0	10.47	5.810	.510	.300
	33.0	9.73	7.96	.435	.290
	39.0	9.92	7.985	.530	.315
10 x 8	45.0	10.10	8.02	.620	.350



"YOUR COMPLETE SERVICE CENTER"

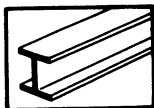


**Wide Flange & H Beams
ASTM-A36/A572**

Section Size	Weight Per Ft. Lb.	Depth of Section Inches	Flange in Inches		Web Thickness in Inches
			Width	Thickness	
10 x 10	49.0	9.98	10.00	.560	.340
	54.0	10.09	10.03	.615	.370
10 x 10 ¹ / ₈	60.0	10.22	10.08	.680	.420
	68.0	10.40	10.13	.770	.470
10 x 10 ¹ / ₄	77.0	10.60	10.19	.870	.530
	88.0	10.84	10.265	.990	.605
10 x 10 ³ / ₈	100.0	11.10	10.34	1.120	.685
	112.0	11.36	10.415	1.250	.755
12 x 4	14.0	11.91	3.97	.225	.200
	16.0	11.99	3.99	.265	.220
	19.0	12.16	4.005	.350	.235
	22.0	12.31	4.03	.425	.260
12 x 6 ¹ / ₂	26.0	12.22	6.49	.380	.230
	30.0	12.34	6.52	.440	.260
	35.0	12.50	6.56	.52	.300
	40.0	11.94	8.005	.515	.295
12 x 8	45.0	12.06	8.045	.575	.335
	50.0	12.19	8.08	.640	.370
12 x 8 ¹ / ₈	53.0	12.06	9.995	.575	.345
	58.0	12.19	10.01	.640	.360
12 x 10	65.0	12.12	12.00	.605	.390
	72.0	12.25	12.04	.670	.430
12 x 12 ¹ / ₈	79.0	12.38	12.08	.735	.470
	87.0	12.53	12.125	.810	.515
	96.0	12.71	12.16	.900	.550
	106.0	12.89	12.22	.990	.610
12 x 12 ¹ / ₄	120.0	13.12	12.32	1.105	.710
	136.0	13.41	12.40	1.250	.790
12 x 12 ¹ / ₂	152.0	13.71	12.48	1.400	.870
	170.0	14.03	12.570	1.560	.960
12 x 12 ³ / ₈	190.0	14.38	12.67	1.735	1.060



"YOUR COMPLETE SERVICE CENTER"

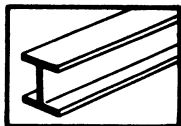


**Wide Flange & H Beams
ASTM-A36/A572**

Section Size	Weight Per Ft. Lb.	Depth of Section inches	Flange in inches		Web Thickness in inches
			Width	Thickness	
14 x 17¼	550.0	20.24	17.20	3.82	2.38
14 x 17¾	605.0	20.92	17.415	4.16	2.595
14 x 17¾	665.0	21.64	17.65	4.52	2.83
14 x 17¾	730.0	22.42	17.89	4.91	3.07
16 x 5½	26.0	15.69	5.50	.345	.250
	31.0	15.88	5.525	.440	.275
16 x 7	36.0	15.86	6.985	.430	.295
	40.0	16.01	6.995	.505	.305
	45.0	16.13	7.035	.565	.345
16 x 7½	50.0	16.26	7.07	.630	.380
	57.0	16.43	7.12		
	67.0	16.33	10.235	.665	.395
16 x 10¼	77.0	16.52	10.295	.760	.455
	89.0	16.75	10.365	.875	.525
16 x 10¾	100.0	16.97	10.425	.985	.585
	18 x 6	35.0	17.70	6.000	.425
18 x 6	40.0	17.90	6.015	.525	.315
	46.0	18.06	6.06	.605	.360
	50.0	17.99	7.495	.570	.355
18 x 7½	55.0	18.11	7.530	.630	.390
	60.0	18.24	7.555	.695	.415
	65.0	18.35	7.590	.750	.450
18 x 7¾	71.0	18.47	7.635	.810	.495
	18 x 11	76.0	18.21	11.035	.680
18 x 11½	86.0	18.39	11.090	.770	.480
	97.0	18.59	11.145	.870	.535
18 x 11¼	106.0	18.73	11.200	.940	.590
	119.0	18.97	11.265	1.060	.655
21 x 6½	44.0	20.66	6.500	.450	.350
	50.0	20.83	6.530	.535	.380
	57.0	21.06	6.555	.650	.405



Wide Flange & H Beams ASTM-A36/A572

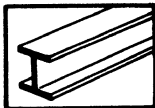


Section Size	Weight Per Ft. Lb.	Depth of Section Inches	Flange in inches		Web Thickness in Inches
			Width	Thickness	
21 x 8½	62.0	20.99	8.240	.615	.400
	68.0	21.13	8.270	.685	.430
	73.0	21.24	8.295	.740	.455
21 x 8¾	83.0	21.43	8.355	.835	.515
	93.0	21.62	8.420	.930	.580
21 x 12¼	101.0	21.36	12.290	.800	.500
21 x 12¾	111.0	21.51	12.340	.875	.555
	122.0	21.68	12.390	.960	.600
21 x 12½	132.0	21.83	12.440	1.035	.650
	147.0	22.06	12.510	1.150	.720
24 x 7	55.0	23.57	7.005	.505	.395
	62.0	23.74	7.040	.590	.430
24 x 9	68.0	23.73	8.965	.585	.415
	76.0	23.92	8.990	.680	.440
	84.0	24.10	9.02	.770	.470
24 x 9 ⅛	94.0	24.31	9.065	.875	.515
24 x 12¾	104.0	24.06	12.750	.750	.500
	117.0	24.26	12.80	.850	.550
24 x 12⅞	131.0	24.48	12.855	.960	.605
	146.0	24.74	12.900	1.090	.650
24 x 13	162.0	25.00	12.955	1.220	.705
24 x 10	84.0	26.71	9.960	.640	.460
	94.0	26.92	9.990	.745	.490
	102.0	27.09	10.015	.830	.515
27 x 10⅝	114.0	27.29	10.070	.930	.570
27 x 14	146.0	27.38	13.965	.975	.605
	161.0	27.59	14.020	1.080	.660
	178.0	27.81	14.085	1.190	.725
27 x 14⅞	178.0	27.81	14.085	1.190	.725
	199.0	29.65	10.450	.670	.520
30 x 10½	108.0	29.83	10.475	.760	.545
	116.0	30.01	10.495	.850	.565
	124.0	30.17	10.515	.930	.585
	132.0	30.31	10.545	1.000	.615



"YOUR COMPLETE SERVICE CENTER"

**Wide Flange & H Beams
ASTM-A36/A572**

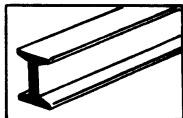


Section Size	Weight Per Ft. Lb.	Depth of Section Inches	Flange in inches		Web Thickness in inches
			Width	Thickness	
30 x 15	173.0	30.44	14.985	1.065	.655
	191.0	30.68	15.040	1.185	.710
30 x 15½	211.0	30.94	15.105	1.315	.775
	33 x 11½	118.0	32.86	11.480	.740
130.0		33.09	11.510	.855	.580
141.0		33.30	11.535	.960	.605
33 x 11¾	152.0	33.49	11.565	1.055	.635
33 x 15¾	201.0	33.68	15.745	1.150	.715
	221.0	33.93	15.805	1.275	.775
33 x 15¾	241.0	34.18	15.860	1.400	.830
36 x 12	135.0	35.55	11.950	.790	.600
	150.0	35.85	11.975	.940	.625
	160.0	36.01	12.000	1.020	.650
	170.0	36.17	12.030	1.100	.680
36 x 12½	182.0	36.33	12.075	1.180	.725
	194.0	36.49	12.115	1.260	.765
	210.0	36.69	12.180	1.360	.830
36 x 16½	230.0	35.90	16.470	1.260	.760
	245.0	36.08	16.510	1.350	.800
	260.0	36.26	16.550	1.440	.840
36 x 16¾	280.0	36.52	16.595	1.570	.885
	300.0	36.74	16.655	1.680	.945

All structural steel shapes are ordered to ASTM Specification A36 weldability.

ASTM	Tensile Strength, PSI	Min. Yield Strength, PSI	Carbon Content
A36	58,000-80,000	36,000	.26 max.





I Beams

ASTM-A36/A572

Depth of Beam and Wt. per Ft.	Width of Flange	Thickness of Web
3" x 5.7 lbs.	2.330	.170
7.5 lbs.	2.509	.349
4" x 7.7 lbs.	2.660	.190
9.5 lbs.	2.796	.326
5" x 10.0 lbs.	3.000	.210
6" x 12.5 lbs.	3.330	.230
17.25 lbs.	3.565	.465
7" x 15.3 lbs.	3.660	.250
8" x 18.4 lbs.	4.000	.270
23.0 lbs.	4.171	.441
10" x 25.4 lbs.	4.660	.310
35.0 lbs.	4.944	.594
12" x 31.8 lbs.	5.000	.350
35.0 lbs.	5.078	.428
40.8 lbs.	5.250	.460
50.0 lbs.	5.477	.687
15" x 42.9 lbs.	5.500	.410
50.0 lbs.	5.640	.550
18" x 54.7 lbs.	6.000	.460
70.0 lbs.	6.251	.711
20" x 66.0 lbs.	6.250	.500
75.0 lbs.	6.391	.641
86.0 lbs.	7.000	.688
96.0 lbs.	7.250	.813
24" x 80.0 lbs.	7.000	.500
90.0 lbs.	7.124	.624
100.0 lbs.	7.247	.747
106.0 lbs.	7.875	.625
121.0 lbs.	8.000	.813

Junior Beams

ASTM-A36

Depth of Beam and Wt. per Ft.	Width of Flange in Inches	Thickness of Web in Inches	Area Sq. Inches
6" x 4.4 lbs.	1.84	.114	1.30
8" x 6.5 lbs.	2.28	.135	1.92
10" x 9.0 lbs.	2.69	.155	2.64