

# *Beams*

## *Junior Beams*

<i>MATERIAL</i>	<i>GRADE</i>	<i>SIZE</i> <i>In Inches</i>	<i>WEIGHT/FT</i> <i>(Pounds per Foot)</i>	<i>SECTION</i> <i>DEPTH</i>	<i>In Inches</i>			<i>STOCK</i> <i>LENGTHS</i> <i>In Feet</i>
					<i>FLANGE</i> <i>WIDTH</i>	<i>FLANGE</i> <i>THICKNESS</i>	<i>WEB</i> <i>THICKNESS</i>	
Carbon Steel	A.S.T.M. A-36	M 4	13	N/A	3.940	.371	.254	20, 40
Carbon Steel	A.S.T.M. A-36	M 5	18.9	5	5.003	.416	.316	20, 40
Carbon Steel	A.S.T.M. A-36	M 6	4.4		1.844	.171	.114	20, 40
Carbon Steel	A.S.T.M. A-36	M 8	6.5		2.281	.189	.135	20, 40
Carbon Steel	A.S.T.M. A-36	M10	9		2.690	.206	.157	20, 40
Carbon Steel	A.S.T.M. A-36	M12	11.8		3.065	.225	.177	20, 40

## *Wide Flange Beams*

<i>MATERIAL</i>	<i>GRADE</i>	<i>SIZE</i> <i>In Inches</i>	<i>WEIGHT/FT</i> <i>(Pounds per Foot)</i>	<i>SECTION</i> <i>DEPTH</i>	<i>In Inches</i>			<i>STOCK</i> <i>LENGTHS</i> <i>In Feet</i>
					<i>FLANGE</i> <i>WIDTH</i>	<i>FLANGE</i> <i>THICKNESS</i>	<i>WEB</i> <i>THICKNESS</i>	
Carbon Steel	A.S.T.M. A-36	W 4	x 13	4.16	4.060	.345	.280	20, 40
Carbon Steel	A.S.T.M. A-36	W 5	x 16	5.01	5.000	.360	.240	20, 40
Carbon Steel	A.S.T.M. A-36	W 5	x 19	5.15	5.030	.430	.270	20, 40

Carbon Steel	A.S.T.M. A-36	W 6	x 12	6.03	4.000	.280	.230	20, 40
Carbon Steel	A.S.T.M. A-36	W 6	x 15	5.99	5.990	.260	.230	20, 40
Carbon Steel	A.S.T.M. A-36	W 6	x 16	6.28	4.030	.405	.260	20, 40
Carbon Steel	A.S.T.M. A-36	W 6	x 20	6.20	6.020	.365	.260	20, 40
Carbon Steel	A.S.T.M. A-36	W 6	x 25	6.38	6.080	.455	.320	20, 40
Carbon Steel	A.S.T.M. A-36	W 6	x 9	5.90	3.940	.215	.170	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 10	7.89	3.940	.205	.170	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 13	7.99	4.000	.255	.230	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 15	8.11	4.015	.315	.245	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 18	8.14	5.250	.330	.230	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 21	8.28	5.270	.400	.250	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 24	7.93	6.495	.400	.245	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 28	8.06	6.535	.465	.285	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 31	8.00	7.995	.435	.285	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 35	8.12	8.020	.495	.310	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 40	8.25	8.070	.560	.360	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 48	8.50	8.110	.685	.400	20, 40

Carbon Steel	A.S.T.M. A-36	W 8	x 58	8.75	8.220	.810	.510	20, 40
Carbon Steel	A.S.T.M. A-36	W 8	x 67	9.00	8.280	.935	.570	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 100	11.10	10.340	1.120	.680	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 112	11.36	10.415	1.250	.755	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 12	9.87	3.960	.210	.190	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 15	9.99	4.000	.270	.230	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 17	10.11	4.010	.330	.240	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 19	10.24	4.020	.395	.250	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 22	10.17	5.750	.360	.240	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 26	10.33	5.770	.440	.260	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 30	1.47	5.810	.510	.300	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 33	9.73	7.960	.435	.290	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 39	9.92	7.985	.530	.315	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 45	10.10	8.020	.620	.350	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 49	9.98	10.000	.560	.340	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 54	10.09	10.030	.615	.370	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 60	10.22	10.080	.680	.420	20, 40

Carbon Steel	A.S.T.M. A-36	W10	x 68	10.40	10.130	.770	.470	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 77	10.60	10.190	.870	.530	20, 40
Carbon Steel	A.S.T.M. A-36	W10	x 88	10.84	10.265	.990	.605	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 106	12.89	12.220	.990	.610	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 120	13.12	12.320	1.105	.710	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 136	13.41	12.400	1.250	.790	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 14	11.91	3.970	.225	.200	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 16	11.99	3.990	.265	.220	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 19	12.16	4.005	.350	.235	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 22	12.31	4.030	.425	.260	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 26	12.22	6.490	.380	.230	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 30	12.34	6.520	.440	.260	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 35	12.5	6.560	.520	.300	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 40	11.94	8.005	.515	.295	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 50	12.19	8.080	.640	.370	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 53	12.06	9.995	.575	.345	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 58	12.19	10.010	.640	.360	20, 40

Carbon Steel	A.S.T.M. A-36	W12	x 65	12.12	12.000	.605	.390	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 72	12.25	12.040	.670	.430	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 79	12.38	12.080	.735	.470	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 87	12.53	12.125	.810	.515	20, 40
Carbon Steel	A.S.T.M. A-36	W12	x 96	12.71	12.160	.900	.550	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 109	14.32	14.605	.860	.525	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 22	13.74	5.000	.335	.230	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 26	13.91	5.025	.420	.255	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 30	13.84	6.730	.385	.270	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 34	13.98	6.745	.455	.285	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 38	14.10	6.770	.515	.310	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 43	13.66	7.995	.530	.305	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 48	13.79	8.030	.595	.340	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 53	13.92	8.060	.660	.370	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 61	13.89	9.995	.645	.375	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 68	10.04	10.035	.720	.415	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 74	14.17	10.070	.785	.450	20, 40

Carbon Steel	A.S.T.M. A-36	W14	x 82	14.31	10.130	.855	.510	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 90	14.02	14.520	.710	.440	20, 40
Carbon Steel	A.S.T.M. A-36	W14	x 99	14.16	14.565	.780	.485	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 100	16.97	10.425	.985	.585	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 26	45.69	5.500	.345	.250	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 31	15.88	5.525	.440	.275	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 36	15.86	6.985	.430	.295	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 40	16.01	6.995	.505	.305	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 45	16.13	7.035	.565	.345	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 50	16.26	7.070	.630	.380	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 57	16.43	7.120	.715	.530	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 67	16.33	10.235	.665	.395	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 77	16.52	10.295	.760	.455	20, 40
Carbon Steel	A.S.T.M. A-36	W16	x 89	16.75	10.365	.875	.525	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 106	18.73	11.200	.940	.590	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 119	18.97	11.265	1.060	.655	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 35	17.70	6.000	.425	.300	20, 40

Carbon Steel	A.S.T.M. A-36	W18	x 40	17.90	6.015	.525	.315	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 46	18.06	6.060	.605	.360	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 50	17.99	7.495	.570	.355	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 55	18.11	7.530	.630	.390	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 60	18.24	7.555	.695	.415	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 65	18.35	7.590	.750	.450	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 71	18.47	7.635	.810	.495	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 76	18.21	11.035	.680	.425	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 86	18.39	11.090	.770	.480	20, 40
Carbon Steel	A.S.T.M. A-36	W18	x 97	18.59	11.145	.870	.535	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 101	21.36	12.290	.800	.500	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 111	21.51	12.340	.875	.550	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 132	21.83	12.440	1.035	.650	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 147	22.06	12.510	1.150	.720	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 44	20.66	6.500	.450	.350	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 50	20.83	6.530	.535	.380	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 57	21.06	6.555	.650	.405	20, 40

Carbon Steel	A.S.T.M. A-36	W21	x 62	2.99	8.240	.615	.400	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 68	21.13	8.270	.685	.430	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 73	21.24	8.295	.740	.455	20, 40
Carbon Steel	A.S.T.M. A-36	W21	x 83	21.43	8.355	.835	.515	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 104	24.06	12.750	.750	.500	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 117	24.26	12.800	.850	.550	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 131	24.48	12.855	.960	.605	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 146	24.74	12.900	1.090	.650	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 55	23.57	7.005	.505	.395	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 62	23.74	7.040	.590	.430	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 68	23.73	8.965	.585	.415	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 76	23.92	8.990	.680	.440	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 84	24.10	9.020	.770	.470	20, 40
Carbon Steel	A.S.T.M. A-36	W24	x 94	24.31	9.065	.875	.515	20, 40
Carbon Steel	A.S.T.M. A-36	W27	x 102	27.09	10.015	.830	.515	20, 40
Carbon Steel	A.S.T.M. A-36	W27	x 114	27.29	10.070	.930	.570	20, 40
Carbon Steel	A.S.T.M. A-36	W27	x 146	27.38	13.965	.975	.605	20, 40

Carbon Steel	A.S.T.M. A-36	W27	x 84	26.71	9.960	.640	.460	20, 40
Carbon Steel	A.S.T.M. A-36	W27	x 94	26.92	9.990	.745	.490	20, 40
Carbon Steel	A.S.T.M. A-36	W30	x 108	29.83	10.475	.760	.545	20, 40
Carbon Steel	A.S.T.M. A-36	W30	x 116	30.01	10.495	.850	.565	20, 40
Carbon Steel	A.S.T.M. A-36	W30	x 124	30.17	10.515	.930	.585	20, 40
Carbon Steel	A.S.T.M. A-36	W30	x 132	30.31	10.545	1.000	.615	20, 40
Carbon Steel	A.S.T.M. A-36	W30	x 173	30.44	14.985	1.065	.655	20, 40
Carbon Steel	A.S.T.M. A-36	W30	x 191	30.68	15.040	1.185	.710	20, 40
Carbon Steel	A.S.T.M. A-36	W30	x 211	30.94	15.105	1.315	.775	20, 40
Carbon Steel	A.S.T.M. A-36	W33	x 118	32.86	11.480	.740	.550	20, 40
Carbon Steel	A.S.T.M. A-36	W33	x 130	33.09	11.510	.855	.580	20, 40
Carbon Steel	A.S.T.M. A-36	W33	x 201	33.68	15.745	1.150	.715	20, 40
Carbon Steel	A.S.T.M. A-36	W36	x 135	35.55	11.950	.790	.600	20, 40
Carbon Steel	A.S.T.M. A-36	W36	x 150	35.85	11.975	.940	.625	20, 40