

West Central Steel, Inc.

PHONE: 320-235-4070 DIRECT SALES FAX: 320-235-1816
1-800-992-8853 1-800-328-8994

W BEAMS - Wide Flange

Conforms to ASTM A36

Stock Lengths: 20, 40 and 60 ft.

Nom. Depth In Inches Wt/Ft/Lbs		Web		Flange Width	Flange Thickness	Area Sq Inch	
		Depth In Inches	Thickness In Inches				
W4	X	13.0	4.16	.280	4.060	.345	.383
W5	X	16.0	5.01	.240	5.000	.360	4.71
		19.0	5.15	.270	5.030	.430	5.56
W6	X	9.0	5.90	.170	3.940	.215	2.68
		12.0	6.03	.230	4.000	.280	3.55
		15.0	5.99	.230	5.990	.260	4.43
		16.0	6.28	.260	4.030	.405	4.74
		20.0	6.20	.260	6.020	.365	5.87
		25.0	6.38	.320	6.080	.455	7.34
W8	X	10.0	7.89	.170	3.940	.205	2.96
		13.0	7.99	.230	4.000	.255	3.84
		15.0	8.11	.245	4.015	.315	4.44
		18.0	8.14	.230	5.250	.330	5.26
		21.0	8.28	.250	5.270	.400	6.16
		24.0	7.93	.245	6.495	.400	7.08
		28.0	8.06	.285	6.535	.465	8.25
		31.0	8.00	.285	7.995	.435	9.13
		35.0	8.12	.310	8.020	.495	10.30
		40.0	8.25	.360	8.070	.560	11.70
		48.0	8.50	.400	8.110	.685	14.10
		58.0	8.75	.510	8.220	.810	17.10
		67.0	9.00	.570	8.280	.935	19.70
W10	X	12.0	9.87	.190	3.960	.210	3.54
		15.0	9.99	.230	4.000	.270	4.41
		17.0	10.11	.240	4.010	.330	4.99
		19.0	10.24	.250	4.020	.395	5.62
		22.0	10.17	.240	5.750	.360	6.49
		26.0	10.33	.260	5.770	.440	7.61
		30.0	10.47	.300	5.810	.510	8.84
		33.0	9.73	.290	7.960	.435	9.71
		39.0	9.92	.315	7.985	.530	11.50

Inquire on beams heavier than those listed.

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W10 X	45.0	10.10	.350	8.020	.620	13.30
	49.0	9.98	.340	10.000	.560	14.40
	54.0	10.09	.370	10.03	.615	15.80
	60.0	10.22	.420	10.080	.680	17.60
	68.0	10.40	.470	10.130	.770	20.00
	77.0	10.60	.530	10.190	.870	22.60
	88.0	10.84	.605	10.265	.990	25.90
	100.0	11.10	.680	10.340	1.120	29.40
W12 X	14.0	11.91	.200	3.970	.225	4.16
	16.0	11.99	.220	3.990	.265	4.71
	19.0	12.16	.235	4.005	.350	5.57
	22.0	12.31	.260	4.030	.425	6.48
	26.0	12.22	.230	6.490	.380	7.65
	30.0	12.34	.260	6.520	.440	8.79
	35.0	12.50	.300	6.560	.520	10.30
	40.0	11.94	.295	8.005	.515	11.80
	45.0	12.06	.335	8.045	.575	13.20
	50.0	12.19	.370	8.080	.640	14.70
	53.0	12.06	.345	9.995	.575	15.60
	58.0	12.19	.360	10.010	.640	17.00
	65.0	12.12	.390	12.000	.605	19.10
	72.0	12.25	.430	12.040	.670	21.10
	79.0	12.38	.470	12.080	.735	23.20
87.0	12.53	.515	12.125	.810	25.60	
96.0	12.71	.550	12.160	.900	28.20	
106.0	12.89	.610	12.400	.990	31.20	
W14 X	22.0	13.74	.230	5.000	.335	6.49
	26.0	13.91	.255	5.025	.420	7.69
	30.0	13.84	.270	6.730	.385	8.85
	34.0	13.98	.285	6.745	.455	10.00
	38.0	14.10	.310	6.770	.515	11.20
	43.0	13.66	.305	7.995	.530	12.60
	48.0	13.79	.340	8.030	.595	14.10
	53.0	13.92	.370	8.060	.660	15.60
	61.0	13.89	.375	9.995	.645	17.90
	74.0	14.17	.450	10.070	.785	21.80

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	Depth In Inches	Thickness In Inches	Flange Width	Flange Thickness	Area Sq Inch	
W14 X	90.0	14.02	.440	14.520	.710	26.50
	99.0	14.16	.485	14.565	.780	29.10
	109.0	14.32	.525	14.605	.860	32.00
	120.0	14.48	.590	14.670	.940	35.30
W16 X	26.0	15.69	.250	5.500	.345	7.68
	31.0	15.88	.275	5.525	.440	9.12
	36.0	15.86	.295	6.985	.430	10.60
	40.0	16.01	.305	6.995	.505	11.80
	45.0	16.13	.565	7.035	.565	13.30
	50.0	16.26	.380	7.070	.630	14.70
	57.0	16.43	.430	7.120	.715	16.80
	67.0	16.33	.395	10.235	.665	19.70
	77.0	16.52	.455	10.295	.760	22.60
	89.0	16.75	.525	10.365	.875	26.20
	100.0	16.97	.585	10.425	.985	29.40
W18 X	35.0	17.70	.300	6.000	.425	10.30
	40.0	17.90	.315	6.015	.525	11.80
	46.0	18.06	.360	6.060	.605	13.50
	50.0	17.99	.355	7.495	.570	14.70
	55.0	18.11	.390	7.530	.630	16.20
	60.0	18.24	.415	7.555	.695	17.60
	65.0	18.35	.450	7.590	.750	19.10
	71.0	18.47	.495	7.635	.810	20.80
	76.0	18.21	.425	11.035	.680	22.30
	86.0	18.39	.480	11.090	.770	25.30
97.0	18.59	.535	11.145	.870	28.50	
W21 X	44.0	20.66	.350	6.500	.450	13.00
	50.0	20.83	.380	6.530	.535	14.70
	57.0	21.06	.405	6.555	.650	16.70
	62.0	20.99	.400	8.240	.615	18.30
	68.0	21.13	.430	8.270	.685	20.00
	73.0	21.24	.455	8.295	.740	21.50
	83.0	21.43	.515	8.355	.835	24.30
	93.0	21.62	.580	8.420	.930	27.30
	101.0	21.36	.500	12.290	.800	29.80
	111.0	21.51	.550	12.340	.875	32.70

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W24 X	55.0	23.57	.395	7.005	.505	16.20
	62.0	23.74	.430	7.040	.590	18.20
	68.0	23.73	.415	8.965	.585	20.10
	76.0	23.92	.440	8.990	.690	22.40
	84.0	24.10	.470	9.020	.770	24.70
	94.0	24.31	.515	9.065	.875	27.70
	104.0	24.06	.500	12.750	.750	30.60
	117.0	24.26	.550	12.800	.850	34.40
	131.0	24.48	.605	12.885	.960	38.50
	146.0	24.74	.650	12.900	1.090	43.00
	162.0	25.00	.705	12.955	1.220	47.70
W27 X	84.0	26.71	.460	9.960	.640	24.80
	94.0	26.92	.490	9.990	.745	27.70
	102.0	27.09	.515	10.015	.830	30.00
	114.0	27.29	.570	10.070	.930	33.50
	146.0	27.38	.605	13.965	.975	42.90
W30 X	99.0	29.65	.520	10.450	.670	29.10
	108.0	29.83	.545	10.475	.760	31.70
	116.0	30.01	.565	10.495	.850	34.20
	124.0	30.17	.585	10.515	.980	36.50
	132.0	30.31	.615	10.545	1.000	38.90
W33 X	118.0	32.86	.550	11.480	.740	34.70
	130.0	33.09	.580	11.510	.855	38.30
W36 X	135.0	35.55	.600	11.950	.790	39.70
	150.0	35.85	.625	11.975	.940	44.20
	160.0	36.01	.650	12.000	1.020	47.00

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