

WF BEAMS

 SUGAR STEEL CORPORATION

WIDE FLANGE BEAMS

WIDE FLANGE BEAMS

PRIME SECTION GROUP	SECTION SIZE INCH x LBS/FT	DEPTH OF SECTION INCHES	FLANGE WIDTH INCHES	FLANGE THICKNESS INCHES	WEB THICKNESS INCHES	SECTION MODULES
4 X 4	W4X13	4.16	4.060	0.345	0.280	5.46
5 X 5	W5X16	5.01	5.000	0.360	0.240	8.51
	W5X19	5.15	5.030	0.430	0.270	10.2
6 X 4	W6X9	5.90	3.940	0.215	0.170	5.56
	W6X12	6.03	4.000	0.280	0.230	7.31
	W6X16	6.28	4.030	0.405	0.260	10.2
6 X 6	W6X15	5.99	5.990	0.260	0.230	9.72
	W6X20	6.20	6.020	0.365	0.260	13.4
	W6X25	6.38	6.080	0.455	0.320	16.7
8 X 4	W8X10	7.89	3.940	0.205	0.170	7.81
	W8X13	7.99	4.000	0.255	0.230	9.91
	W8X15	8.11	4.015	0.315	0.245	11.8
8 X 5-1/4	W8X18	8.14	5.250	0.330	0.230	15.2
	W8X21	8.28	5.270	0.400	0.250	18.2
8 X 6-1/2	W8X24	7.93	6.495	0.400	0.245	20.9
	W8X28	8.06	6.535	0.465	0.285	24.3
8 X 8	W8X31	8.00	7.995	0.435	0.285	27.5
	W8X35	8.12	8.020	0.495	0.310	31.2
	W8X40	8.25	8.070	0.560	0.360	35.5
	W8X48	8.50	8.100	0.685	0.400	43.3
	W8X58	8.75	8.200	0.810	0.510	52.0
	W8X67	9.00	8.280	0.935	0.570	60.4
10 X 4	W10X12	9.87	3.960	0.210	0.190	10.9
	W10X15	9.99	4.000	0.270	0.230	13.8
	W10X17	10.11	4.010	0.330	0.240	16.2
	W10X19	10.24	4.020	0.395	0.250	18.8
10 X 5-3/4	W10X22	10.17	5.750	0.360	0.240	23.2
	W10X26	10.33	5.770	0.440	0.260	27.9
	W10X30	10.47	5.810	0.510	0.300	32.4
10 X 8	W10X33	9.73	7.960	0.435	0.290	35.0
	W10X39	9.92	7.985	0.530	0.315	42.1
	W10X45	10.10	8.020	0.620	0.350	49.1
10 X 10	W10X49	9.98	10.000	0.560	0.340	54.6
	W10X54	10.09	10.030	0.615	0.370	60.0

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10 X 10	W10X60	10.22	10.080	0.680	0.420	66.7
	W10X68	10.40	10.130	0.770	0.470	75.7
	W10X77	10.60	10.190	0.870	0.530	85.9
	W10X88	10.84	10.265	0.990	0.605	98.5
	W10X100	11.10	10.340	1.120	0.680	112
	W10X112	11.36	10.415	1.250	0.755	126
12 X 4	W12X14	11.91	3.970	0.225	0.200	14.9
	W12X16	11.99	3.990	0.265	0.220	17.1
	W12X19	12.16	4.005	0.350	0.235	21.3
	W12X22	12.31	4.030	0.425	0.260	25.4
12 X 6-1/2	W12X26	12.22	6.490	0.380	0.230	33.4
	W12X30	12.34	6.520	0.440	0.260	38.6
	W12X35	12.50	6.560	0.520	0.300	45.6
12 X 8	W12X40	11.94	8.005	0.515	0.295	51.9
	W12X45	12.06	8.045	0.575	0.335	58.1
	W12X50	12.19	8.080	0.640	0.370	64.7
12 X 10	W12X53	12.06	9.995	0.575	0.345	70.6
	W12X58	12.19	10.010	0.640	0.360	78.0
12 X 12	W12X65	12.12	12.000	0.605	0.390	87.9
	W12X72	12.25	12.040	0.670	0.430	97.4
	W12X79	12.38	12.080	0.735	0.470	107
	W12X87	12.53	12.125	0.810	0.515	118
	W12X96	12.71	12.160	0.900	0.550	131
	W12X106	12.89	12.220	0.990	0.610	145
	W12X120	13.12	12.320	1.105	0.710	163
	W12X136	13.41	12.400	1.250	0.790	186
	W12X152	13.71	12.480	1.400	0.870	209
	W12X170	14.03	12.570	1.560	0.960	235
	W12X190	14.38	12.670	1.735	1.060	263
	W12X210	14.71	12.790	1.900	1.180	292
	W12X230	15.05	12.895	2.070	1.285	321
	W12X252	15.41	13.005	2.250	1.395	353
	W12X279	15.85	13.140	2.470	1.530	393
	W12X305	16.32	13.235	2.705	1.625	435
W12X336	16.82	13.385	2.955	1.775	483	
14 X 5	W14X22	13.74	5.000	0.335	0.230	29.0
	W14X26	13.91	5.025	0.420	0.255	35.3
14 X 6-3/4	W14X30	13.84	6.730	0.385	0.270	42.0

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14 X 6-3/4	W14X34	13.98	6.745	0.455	0.285	48.6
	W14X38	14.10	6.770	0.515	0.310	54.6
14 X 8	W14X43	13.66	7.995	0.530	0.305	62.7
	W14X48	13.79	8.030	0.595	0.340	70.3
	W14X53	13.92	8.060	0.660	0.370	77.8
14 X 10	W14X61	13.89	9.995	0.645	0.375	92.2
	W14X68	14.04	10.035	0.720	0.415	103
	W14X74	14.17	10.070	0.785	0.450	112
	W14X82	14.31	10.130	0.855	0.510	123
14 X 14-1/2	W14X90	14.02	14.520	0.710	0.440	143
	W14X99	14.16	14.565	0.780	0.485	157
	W14X109	14.32	14.605	0.860	0.525	173
	W14X120	14.48	14.670	0.940	0.590	190
	W14X132	14.66	14.725	1.030	0.645	209
14 X 16	W14X145	14.78	15.500	1.090	0.680	232
	W14X159	14.98	15.565	1.190	0.745	254
	W14X176	15.22	15.650	1.310	0.830	281
	W14X193	15.48	15.710	1.440	0.890	310
	W14X211	15.72	15.800	1.560	0.980	338
	W14X233	16.04	15.890	1.720	1.070	375
	W14X257	16.38	15.995	1.890	1.175	415
	W14X283	16.74	16.110	2.070	1.290	459
	W14X311	17.12	16.230	2.260	1.410	506
	W14X342	17.54	16.360	2.470	1.540	558
	W14X370	17.92	16.475	2.660	1.655	607
	W14X398	18.29	16.590	2.845	1.770	656
	W14X426	18.67	16.695	3.036	1.875	706
	W14X455	19.02	16.835	3.210	2.015	756
	W14X500	19.60	17.010	3.500	2.190	838
W14X550	20.24	17.200	3.820	2.380	931	
W14X605	20.92	17.415	4.160	2.595	1040	
W14X665	21.64	17.650	4.520	2.830	1150	
W14X730	22.42	17.890	4.910	3.070	1280	
16 X 5-1/2	W16X26	15.69	5.500	0.345	0.250	38.4
	W16X31	15.88	5.525	0.440	0.275	42.2
16 X 7	W16X36	15.86	6.985	0.430	0.295	56.5
	W16X40	16.01	6.995	0.505	0.305	64.7
	W16X45	16.13	7.035	0.565	0.345	72.7
	W16X50	16.26	7.070	0.630	0.380	81.0

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16 X 7	W16 X 57	16.43	7.120	0.715	0.430	92.2
16 X 104	W16 X 67	16.33	10.235	0.665	0.395	117
	W16 X 77	16.52	10.295	0.760	0.455	134
	W16 X 89	16.75	10.365	0.875	0.525	155
	W16X100	16.97	10.425	0.985	0.585	175
18 X 6	W18X35	17.70	6.000	0.425	0.300	57.6
	W18X40	17.90	6.015	0.525	0.315	68.4
	W18X46	18.06	6.060	0.605	0.360	78.8
18 X 7-1/2	W18X50	17.99	7.495	0.570	0.355	88.9
	W18X55	18.11	7.530	0.630	0.390	98.3
	W18X60	18.24	7.555	0.695	0.415	108
	W18X65	18.35	7.590	0.750	0.450	117
	W18X71	18.47	7.635	0.810	0.495	127
18 X 11	W18X76	18.21	11.035	0.680	0.425	146
	W18X86	18.39	11.090	0.770	0.480	166
	W18X97	18.59	11.145	0.870	0.535	188
	W18X106	18.73	11.200	0.940	0.590	204
	W18X119	18.97	11.265	1.060	0.655	231
	W18X130	19.25	11.160	1.200	0.670	256
	W18X143	19.49	11.220	1.320	0.730	282
	W18X158	19.72	11.300	1.440	0.810	310
	W18X192	20.35	11.460	1.750	0.960	380
	W18X211	20.67	11.560	1.910	1.060	419
	W18X234	21.06	11.650	2.110	1.160	466
	W18X258	21.46	11.770	2.300	1.280	514
	W18X283	21.85	11.890	2.500	1.400	564
	W18X311	22.32	12.010	2.740	1.520	624
21 X 6-1/2	W21X44	20.66	6.500	0.450	0.350	81.6
	W21X50	20.83	6.530	0.535	0.380	94.5
	W21X57	21.06	6.555	0.650	0.405	111
21 X 8-1/4	W21X48	20.62	8.140	0.430	0.350	93
	W21X55	20.80	8.220	0.522	0.375	110
	W21X62	20.99	8.240	0.615	0.400	127
	W21X68	21.13	8.270	0.685	0.430	140
	W21X73	21.24	8.295	0.740	0.455	151
	W21X83	21.43	8.355	0.835	0.515	171
	W21X93	21.62	8.420	0.930	0.580	192

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21 X 12-1/4	W21X101	21.36	12.290	0.800	0.500	227
	W21X111	21.51	12.340	0.875	0.550	249
	W21X122	21.68	12.390	0.960	0.600	273
	W21X132	21.83	12.440	1.035	0.650	295
	W21X147	22.06	12.510	1.150	0.720	329
	W21X166	22.48	12.420	1.360	0.750	380
	W21X182	22.72	12.500	1.480	0.830	417
	W21X201	23.03	12.575	1.630	0.910	461
	W21X223	23.35	12.675	1.790	1.000	517
24 X 7	W24X55	23.57	7.005	0.505	0.395	114
	W24X62	23.74	7.040	0.590	0.430	131
24 X 9	W24X68	23.73	8.965	0.585	0.415	154
	W24X76	23.92	8.990	0.680	0.440	176
	W24X84	24.10	9.020	0.770	0.470	196
	W24X94	24.31	9.065	0.875	0.515	222
	W24X103	24.53	9.000	0.980	0.550	245
24 X 12-3/4	W24X104	24.06	12.750	0.750	0.500	258
	W24X117	24.26	12.800	0.850	0.550	291
	W24X120	24.31	12.088	0.930	0.556	301
	W24X131	24.48	12.855	0.960	0.605	329
	W24X146	24.74	12.900	1.090	0.650	371
	W24X160	24.92	12.264	1.235	0.732	398
	W24X162	25.00	12.955	1.220	0.705	414
	W24X176	25.24	12.890	1.340	0.750	450
	W24X192	25.47	12.950	1.460	0.810	491
	W24X207	25.71	13.010	1.570	0.870	531
	W24X229	26.02	13.110	1.730	0.960	588
	W24X250	26.34	13.185	1.890	1.040	644
	W24X279	26.73	13.305	2.090	1.160	718
	W24X306	27.13	13.405	2.280	1.260	789
	W24X335	27.52	13.520	2.480	1.380	864
W24X370	27.99	13.660	2.720	1.520	957	
27 X 10	W27X84	26.71	9.960	0.640	0.460	213
	W27X94	26.92	9.990	0.745	0.490	246
	W27X102	27.09	10.15	0.830	0.515	267
	W27X114	27.29	10.070	0.930	0.570	299
	W27X129	27.63	10.010	1.100	0.610	345
27 X 14	W27X146	27.38	13.965	0.975	0.605	411

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27 X 14	W27X161	27.59	14.020	1.080	0.660	455
	W27X178	27.81	14.085	1.190	0.725	502
	W27X194	28.11	14.035	1.340	0.750	556
	W27X217	28.43	14.115	1.500	0.830	624
	W27X235	28.66	14.190	1.610	0.910	674
	W27X258	28.98	14.270	1.770	0.980	742
	W27X281	29.29	14.350	1.930	1.060	811
	W27X307	29.61	14.445	2.090	1.160	884
	W27X336	30.00	14.545	2.280	1.260	970
	W27X368	30.39	14.665	2.480	1.380	1060
	W30X90	29.53	10.400	0.610	0.470	245
30 X 10-1/2	W30X99	29.65	10.450	0.670	0.520	269
	W30X108	29.83	10.475	0.760	0.545	299
	W30X116	30.01	10.495	0.850	0.565	329
	W30X124	30.17	10.515	0.930	0.585	355
	W30X132	30.31	10.545	1.000	0.615	380
	W30X148	30.68	10.480	1.180	0.650	436
	W30X173	30.44	14.985	1.065	0.655	539
30 X 15	W30X191	30.68	15.040	1.185	0.710	598
	W30X211	30.94	15.105	1.315	0.775	663
	W30X235	31.30	15.055	1.500	0.830	746
	W30X261	31.61	15.155	1.650	0.930	827
	W30X292	32.01	15.255	1.850	1.020	928
	W30X326	32.40	15.370	2.050	1.140	1030
	W30X357	32.80	15.470	2.240	1.240	1140
	W30X391	33.19	15.590	2.440	1.360	1250
	W33X118	32.86	11.480	0.740	0.550	359
33 X 11-1/2	W33X130	33.09	11.510	0.855	0.580	406
	W33X141	33.00	11.535	0.960	0.605	448
	W33X152	33.49	11.565	1.055	0.635	487
	W33X169	33.82	11.500	1.220	0.670	549
	W33X201	33.68	15.745	1.150	0.715	684
33 X 15-3/4	W33X221	33.93	15.805	1.275	0.775	757
	W33X241	34.18	15.860	1.400	0.830	829
	W33X263	34.53	15.805	1.570	0.870	917
	W33X291	34.84	15.905	1.730	0.960	1010
	W33X318	35.16	15.985	1.890	1.040	1110
	W33X354	35.55	16.100	2.090	1.160	1230
	W33X387	35.95	16.200	2.280	1.260	1350

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36 X 12	W36X135	35.55	11.950	0.790	0.600	439
	W36X150	35.85	11.975	0.940	0.625	504
	W36X160	36.01	12.000	1.020	0.650	542
	W36X170	36.17	12.030	1.100	0.680	580
	W36X182	36.33	12.075	1.180	0.725	623
	W36X194	36.49	12.115	1.260	0.765	664
	W36X210	36.69	12.180	1.360	0.830	719
	W36X232	37.12	12.120	1.570	0.870	809
	W36X256	37.43	12.215	1.730	0.960	895
36 X 16-1/2	W36X231	36.49	16.470	1.260	0.760	854
	W36X247	36.67	16.510	1.350	0.800	913
	W36X262	36.85	16.550	1.440	0.840	972
	W36X282	37.11	16.595	1.570	0.885	1050
	W36X302	37.33	16.655	1.680	0.945	1130
	W36X330	37.67	16.630	1.850	1.020	1240
	W36X361	37.99	16.730	2.010	1.120	1350
	W36X395	38.37	16.830	2.200	1.220	1490
	W36X441	38.85	16.965	2.440	1.360	1650
40 X 12	W40X149	38.20	11.810	0.830	0.630	513
	W40X167	38.59	11.810	1.025	0.650	600
	W40X183	38.98	11.810	1.200	0.650	675
	W40X211	39.37	11.810	1.415	0.750	786
	W40X235	39.69	11.890	1.575	0.750	875
	W40X264	40.00	11.930	1.730	0.960	971
	W40X278	40.16	11.970	1.810	1.025	1020
	W40X294	40.39	12.010	1.930	1.060	1080
	W40X327	40.79	12.130	2.130	1.180	1200
40 X 16	W40X199	38.67	15.750	1.065	1.065	0.650
	W40X215	38.98	15.750	1.220	1.220	0.650
	W40X249	39.38	15.750	1.420	1.420	0.750
	W40X277	39.69	15.830	1.575	1.575	0.830
	W40X297	39.84	15.825	1.650	1.650	0.930
	W40X324	40.16	15.910	1.810	1.810	1.000
	W40X362	40.55	16.020	2.010	2.010	1.120
	W40X372	40.63	16.065	2.045	2.045	1.160
	W40X397	40.95	16.120	2.200	2.200	1.220
	W40X431	41.26	16.220	2.360	2.360	1.340
44 X 16	W44X230	42.91	15.750	1.220	1.220	0.710
	W44X262	43.31	15.750	1.415	1.415	0.785
	W44X290	43.62	15.825	1.575	1.575	0.865
	W44X335	44.02	15.945	1.770	1.770	1.025