

STARK METAL SALES, INC.

WIDE FLANGE & "H" BEAMS

Section Size and Wt. per Ft.	WT for 40' Beam	"D" Depth of Sect. in Inches	Flange in Inches		"WT" Web Thick- ness in Inches	Area Sq. Inches
			"FW" Width	"FT" Thick- ness		
4" x 13.0#	520	4.16	4.060	0.345	0.280	3.83
5" x 16.0#	640	5.01	5.000	0.360	0.240	4.71
5" x 19.0#	760	5.15	5.030	0.430	0.270	5.56
6" x 9.0#	360	5.90	3.940	0.215	0.170	2.68
6" x 12.0#	480	6.03	4.000	0.280	0.230	3.55
6" x 15.0#	600	5.99	5.990	0.260	0.230	4.43
6" x 16.0#	640	6.28	4.030	0.405	0.260	4.74
6" x 20.0#	800	6.20	6.020	0.365	0.260	5.87
6" x 25.0#	1000	6.38	6.080	0.455	0.320	7.34
8" x 10.0#	400	7.89	3.940	0.205	0.170	3.96
8" x 13.0#	520	7.99	4.000	0.255	0.230	3.84
8" x 15.0#	600	8.11	4.015	0.315	0.245	4.44
8" x 18.0#	720	8.14	5.250	0.330	0.230	5.26
8" x 21.0#	840	8.28	5.270	0.400	0.250	6.16
8" x 24.0#	960	7.93	6.495	0.400	0.245	7.08
8" x 28.0#	1120	8.06	6.535	0.465	0.285	8.25
8" x 31.0#	1240	8.00	7.995	0.435	0.285	9.13
8" x 35.0#	1400	8.12	8.020	0.495	0.310	10.3
8" x 40.0#	1600	8.25	8.070	0.560	0.360	11.7
8" x 48.0#	1920	8.50	8.110	0.685	0.400	14.1
8" x 58.0#	2320	8.75	8.220	0.810	0.510	17.1
8" x 67.0#	2680	9.00	8.280	0.935	0.570	19.7
10" x 12.0#	480	9.87	3.960	0.210	0.190	3.54
10" x 15.0#	600	9.99	4.000	0.270	0.230	4.41
10" x 17.0#	680	10.11	4.010	0.330	0.240	4.99
10" x 19.0#	760	10.24	4.020	0.395	0.250	5.62
10" x 22.0#	880	10.17	5.750	0.360	0.240	6.49
10" x 26.0#	1040	10.33	5.770	0.440	0.260	7.61
10" x 30.0#	1200	10.47	5.810	0.510	0.300	8.84
10" x 33.0#	1320	9.73	7.960	0.435	0.290	9.71
10" x 39.0#	1560	9.92	7.985	0.530	0.315	11.5
10" x 45.0#	1800	10.10	8.020	0.620	0.350	13.3
10" x 49.0#	1960	9.98	10.000	0.560	0.340	14.4
10" x 54.0#	2160	10.09	10.030	0.615	0.370	15.8
10" x 60.0#	2400	10.22	10.080	0.680	0.420	17.6
10" x 68.0#	2720	10.40	10.130	0.770	0.470	20.0
10" x 77.0#	3080	10.60	10.190	0.870	0.530	22.6
10" x 88.0#	3520	10.84	10.265	0.990	0.605	25.9
10" x 100.0#	4000	11.10	10.340	1.120	0.680	29.4
10" x 112.0#	4480	11.375	10.375	1.250	0.750	32.9

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			"FW" Width	"FT" Thick- ness		
12" x 14.0#	560	11.91	3.970	0.225	0.200	4.16
	640	11.99	3.990	0.265	0.220	4.71
	760	12.16	4.005	0.350	0.235	5.57
	880	12.31	4.030	0.425	0.260	6.48
	1040	12.22	6.490	0.380	0.230	7.65
	1200	12.34	6.520	0.440	0.260	8.79
	1400	12.50	6.560	0.520	0.300	10.3
	1600	11.94	8.005	0.515	0.295	11.8
	1800	12.06	8.045	0.575	0.335	13.2
	2000	12.19	8.080	0.640	0.370	14.7
	2120	12.06	9.995	0.575	0.345	15.6
	2320	12.19	10.010	0.640	0.360	17.0
	2600	12.12	12.000	0.605	0.390	19.1
	2880	12.25	12.040	0.670	0.430	12.1
	3160	12.38	12.080	0.735	0.470	23.2
	3480	12.53	12.125	0.810	0.515	25.6
	3840	12.71	12.160	0.900	0.550	28.2
	4240	12.89	12.220	0.990	0.610	31.2
	4800	13.13	12.375	1.125	0.6875	35.3
	14" x 22.0#	880	13.74	5.000	0.335	0.230
1040		13.91	5.025	0.420	0.255	7.69
1200		13.84	6.730	0.385	0.270	8.85
1360		13.98	6.745	0.455	0.285	10.0
1520		14.10	6.770	0.515	0.310	11.2
1720		13.66	7.995	0.530	0.305	12.60
1920		13.79	8.030	0.595	0.340	14.10
2120		13.92	8.060	0.660	0.370	15.60
2440		13.89	9.995	0.645	0.375	17.90
2720		14.04	10.035	0.720	0.415	20.00
2960		14.17	10.070	0.785	0.450	21.80
3280		14.31	10.130	0.855	0.510	24.10
3600		14.02	14.520	0.710	0.440	26.50
3960		14.16	14.656	0.780	0.485	29.10
4360		14.32	14.605	0.860	0.525	32.0
4800		14.48	14.670	0.940	0.590	35.3
5280		14.625	14.750	1.000	0.625	38.8
5800	14.75	15.500	1.0625	0.6875	42.7	
16" x 26.0#	1040	15.69	5.500	0.345	0.250	7.68
	1240	15.88	5.525	0.440	0.275	9.12
	1440	15.86	6.985	0.430	0.295	10.6
	1600	16.01	6.995	0.505	0.305	11.8
	1800	16.13	7.035	0.565	0.345	13.3
	2000	16.26	7.070	0.630	0.380	14.7
	2280	16.43	7.120	0.715	0.430	16.8

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			"FW" Width	"FT" Thick- ness			
16" x	67.0#	2680	16.33	10.235	0.665	0.395	19.7
	77.0#	3080	16.52	10.295	0.760	0.455	22.6
	89.0#	3560	16.75	10.365	0.875	0.525	26.2
	100.0#	4000	16.97	10.425	0.985	0.585	29.4
18" x	35.0#	1400	17.70	6.000	0.425	0.300	10.30
	40.0#	1600	17.90	6.015	0.525	0.315	11.8
	46.0#	1840	18.06	6.060	0.605	0.360	13.5
	50.0#	2000	17.99	7.495	0.570	0.355	14.7
	55.0#	2200	18.11	7.530	0.630	0.390	16.2
	60.0#	2400	18.24	7.555	0.695	0.415	17.6
	65.0#	2600	18.35	7.590	0.750	0.450	19.1
	71.0#	2840	18.47	7.635	0.810	0.495	20.8
	76.0#	3040	18.21	11.035	0.680	0.425	22.3
	86.0#	3440	18.39	11.090	0.770	0.480	25.3
	97.0#	3880	18.59	11.145	0.870	0.535	28.5
	106.0#	4240	18.73	11.200	0.940	0.590	31.1
	119.0#	4760	18.97	11.265	1.060	0.655	35.1
	21" x	44.0#	1760	20.66	6.500	0.450	0.350
50.0#		2000	20.83	6.530	0.535	0.380	14.70
57.0#		2280	21.06	6.555	0.650	0.405	16.70
62.0#		2480	20.99	8.240	0.615	0.400	18.30
68.0#		2720	21.13	8.270	0.685	0.430	20.0
73.0#		2920	21.24	8.295	0.740	0.455	21.5
83.0#		3320	21.43	8.355	0.835	0.515	24.30
93.0#		3720	21.62	8.420	0.930	0.580	27.30
101.0#		4040	21.36	12.290	0.800	0.500	29.80
111.0#		4440	21.51	12.340	0.875	0.5500	32.70
122.0#		4880	21.625	12.375	0.9375	0.625	35.90
132.0#		5280	21.875	12.500	1.0625	0.625	38.80
147.0#		5880	22.00	12.500	1.125	0.750	43.20
24" x		55.0#	2200	23.57	7.005	0.505	0.395
	62.0#	2480	23.74	7.040	0.590	0.430	18.2
	68.0#	2720	23.73	8.965	0.585	0.415	20.1
	76.0#	3040	23.92	8.990	0.680	0.440	22.4
	84.0#	3360	24.10	9.020	0.770	0.4700	24.7
	94.0#	3760	24.31	9.065	0.875	0.515	27.7
	104.0#	4160	24.06	12.750	0.750	0.500	30.6
	117.0#	4680	24.26	12.800	0.850	0.550	34.4
	131.0#	5240	24.50	12.875	0.9375	0.625	38.5
	146.0#	5840	24.75	12.875	1.0625	0.625	43.0
	162.0#	6480	25.00	13.000	1.250	0.6875	47.7

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			"FW" Width	"FT" Thick- ness		
27" x 84.0#	3660	26.71	9.960	0.640	0.460	24.8
	3760	26.92	9.990	0.745	0.490	27.7
	4080	27.09	10.015	0.830	0.515	30.0
	4560	27.29	10.070	0.930	0.570	33.5
	5840	27.38	13.965	0.975	0.605	42.9
	6440	27.625	14.000	1.0625	0.687	47.4
	7120	27.75	14.125	1.1875	0.750	52.3
30" x 99.0#	3960	29.65	10.450	0.670	0.520	29.1
	4320	29.83	10.475	0.760	0.545	31.7
	4640	30.01	10.495	0.850	0.565	34.2
	4960	30.17	10.515	0.930	0.585	36.5
	5280	30.31	10.545	1.000	0.615	38.9
	6920	30.50	15.000	1.0625	0.625	50.8
	7640	30.63	15.000	1.1875	0.6875	56.1
33" x 118.0#	4720	32.86	11.480	0.740	0.550	34.7
	5200	33.09	11.510	0.855	0.580	38.3
	5640	33.30	11.535	0.960	0.605	41.6
	6080	33.49	11.565	1.055	0.635	44.7
	8040	33.68	15.745	1.150	0.715	59.1
	8840	33.93	15.805	1.275	0.775	65.0
	9640	24.18	15.860	1.400	0.830	70.9
36" x 135.0#	5400	35.55	11.950	0.790	0.600	39.7
	6000	35.85	11.975	0.940	0.625	44.2
	6400	36.01	12.000	1.020	65.00	41.0
	6800	36.17	12.030	1.100	0.680	50.0
	7280	36.33	12.075	1.180	0.725	53.6
	7760	36.49	12.115	1.260	0.765	57.0
	8400	36.69	12.180	1.360	0.830	61.8
	9200	35.90	16.470	1.260	0.760	67.6

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