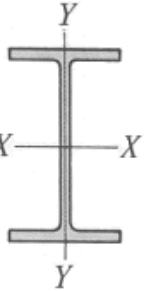




WOODBIDGE STEEL LTD.

WIDE FLANGE I-BEAM (W) SIZES



		Imperial					Metric					
		Depth (in)	Flange Width (in)	Flange Thickness -mean- (in)	Web Thickness (in)	Section Modulus (in ³)	Depth (in)	Flange Width (in)	Flange Thickness -mean- (in)	Web Thickness (in)	Section Modulus (in ³)	
W4	x 13	4.16	4.06	0.345	0.280	5.46	* 106	103	8.8	7.1	89.5	W100 x 19
W5	x 16	5.01	5.00	0.360	0.240	8.55	* 127	127	9.1	6.1	140.1	W130 x 24
	x 19	5.15	5.03	0.430	0.270	10.20	* 131	128	10.9	6.9	167.1	x 28
W6	x 9	5.9	3.94	0.215	0.170	5.56	* 150	100	5.5	4.3	91.1	W150 x 14
	x 12	6.03	4.00	0.280	0.230	7.31	* 153	102	7.1	5.8	119.8	x 18
	x 16	6.28	4.03	0.405	0.260	10.20	* 160	102	10.3	6.6	167.1	x 24
W6	x 15	5.99	5.99	0.260	0.230	9.72	152	152	6.6	5.8	159.3	W150 x 22
	x 20	6.2	6.02	0.365	0.260	13.40	157	153	9.3	6.6	219.6	x 30
	x 25	6.38	6.08	0.455	0.320	16.70	162	154	11.6	8.1	273.7	x 37
W8	x 10	7.89	3.94	0.205	0.170	7.81	* 200	100	5.2	4.3	128.0	W200 x 15
	x 13	7.99	4.00	0.255	0.230	9.91	* 203	102	6.5	5.8	162.4	x 19
	x 15	8.11	4.02	0.315	0.245	11.80	* 206	102	8.0	6.2	193.4	x 22
W8	x 18	8.14	5.25	0.330	0.230	15.20	207	133	8.4	5.8	249.1	W200 x 27
	x 21	8.28	5.27	0.400	0.250	18.20	210	134	10.2	6.4	298.2	x 31
W8	x 24	7.93	6.49	0.400	0.245	20.90	201	165	10.2	6.2	342.5	W200 x 36
	x 28	8.06	6.53	0.465	0.285	24.30	205	166	11.8	7.2	398.2	x 42
W8	x 31	8	8.00	0.435	0.285	27.50	203	203	11.0	7.2	450.6	W200 x 46
	x 35	8.12	8.02	0.495	0.310	31.20	206	204	12.6	7.9	511.3	x 52
	x 40	8.25	8.07	0.560	0.360	35.50	210	205	14.2	9.1	581.7	x 59
	x 48	8.5	8.11	0.685	0.400	43.30	216	206	17.4	10.2	709.6	x 71
	x 58	8.75	8.22	0.810	0.510	52.00	222	209	20.6	13.0	852.1	x 86
	x 67	9	8.28	0.935	0.570	60.40	229	210	23.7	14.5	989.8	x 100
W10	x 12	9.87	3.96	0.210	0.190	10.90	* 251	101	5.3	4.8	178.6	W250 x 18
	x 15	9.99	4.00	0.270	0.230	13.80	* 254	102	6.9	5.8	226.1	x 22
	x 17	10.11	4.01	0.330	0.240	16.20	* 257	102	8.4	6.1	265.5	x 25
	x 19	10.24	4.02	0.395	0.250	18.80	* 260	102	10.0	6.4	308.1	x 28
W10	x 22	10.17	5.75	0.360	0.240	23.20	258	146	9.1	6.1	380.2	W250 x 33
	x 26	10.33	5.77	0.440	0.260	27.90	262	147	11.2	6.6	457.2	x 39
	x 30	10.47	5.81	0.510	0.300	32.40	266	148	13.0	7.6	530.9	x 45
W10	x 33	9.73	7.96	0.435	0.290	35.00	247	202	11.0	7.4	573.5	W250 x 49
	x 39	9.92	7.98	0.530	0.315	42.10	252	203	13.5	8.0	689.9	x 58
	x 45	10.1	8.02	0.620	0.350	49.10	257	204	15.7	8.9	804.6	x 67
W10	x 49	9.98	10.00	0.560	0.340	54.60	253	254	14.2	8.6	894.7	W250 x 73
	x 54	10.09	10.03	0.615	0.370	60.00	256	255	15.6	9.4	983.2	x 80
	x 60	10.22	10.08	0.680	0.420	66.70	260	256	17.3	10.7	1093.0	x 89

	Depth (in)	Imperial				Metric					
		Flange		Web	Section Modulus (in ⁴)	Flange		Web	Section Modulus (in ⁴)		
	Width (in)	Thickness -mean- (in)	Thickness (in)	Depth (in)	Width (in)	Thickness -mean- (in)	Thickness (in)	Section Modulus (in ⁴)			
W10x 68	10.4	10.13	0.770	0.470	75.70	264	257	19.6	11.9	1240.5	x 101
x 77	10.6	10.19	0.870	0.530	85.90	269	259	22.1	13.5	1407.6	x 115
x 88	10.84	10.26	0.990	0.605	98.50	275	261	25.1	15.4	1614.1	x 131
x 100	11.1	10.34	1.120	0.680	112.00	282	263	28.4	17.3	1835.4	x 149
x 112	11.36	10.42	1.250	0.755	126.00	289	265	31.8	19.2	2064.8	x 167
W12x 14	11.91	3.97	0.225	0.200	14.90	* 303	101	5.7	5.1	244.2	W310x 21
x 16	11.99	3.99	0.265	0.220	17.10	* 305	101	6.7	5.6	280.2	x 24
x 19	12.16	4.00	0.350	0.235	21.30	* 309	102	8.9	6.0	349.0	x 28
x 22	12.31	4.03	0.425	0.260	25.40	* 313	102	10.8	6.6	416.2	x 33
W12x 26	12.22	6.49	0.380	0.230	33.40	310	165	9.7	5.8	547.3	W310x 39
x 30	12.34	6.52	0.440	0.260	38.60	313	166	11.2	6.6	632.5	x 45
x 35	12.5	6.56	0.520	0.300	45.60	318	167	13.2	7.6	747.3	x 52
W12x 40	11.94	8.01	0.515	0.295	51.90	303	203	13.1	7.5	850.5	W310x 60
x 45	12.06	8.05	0.575	0.335	58.10	306	204	14.6	8.5	952.1	x 67
x 50	12.19	8.08	0.640	0.370	64.70	310	205	16.3	9.4	1060.2	x 74
W12x 53	12.06	9.99	0.570	0.345	70.60	306	254	14.5	8.8	1156.9	W310x 79
x 58	12.19	10.01	0.640	0.360	78.00	310	254	16.3	9.1	1278.2	x 86
W12x 65	12.12	12.00	0.605	0.390	87.90	308	305	15.4	9.9	1440.4	W310x 97
x 72	12.25	12.04	0.670	0.430	97.40	311	306	17.0	10.9	1596.1	x 107
x 79	12.38	12.08	0.735	0.470	107.00	314	307	18.7	11.9	1753.4	x 118
x 87	12.53	12.13	0.810	0.515	118.00	318	308	20.6	13.1	1933.7	x 129
x 96	12.71	12.16	0.900	0.550	131.00	323	309	22.9	14.0	2146.7	x 143
x 106	12.89	12.22	0.990	0.610	145.00	327	310	25.1	15.5	2376.1	x 158
x 120	13.12	12.32	1.100	0.710	163.00	333	313	27.9	18.0	2671.1	x 179
x 136	13.41	12.40	1.250	0.790	186.00	341	315	31.8	20.1	3048.0	x 202
x 152	13.71	12.48	1.400	0.870	209.00	348	317	35.6	22.1	3424.9	x 226
x 170	14.03	12.57	1.560	0.960	235.00	356	319	39.6	24.4	3851.0	x 253
x 190	14.38	12.67	1.730	1.060	263.00	365	322	43.9	26.9	4309.8	x 283
W12x 22	13.74	5.00	0.335	0.230	29.00	349	127	8.5	5.8	475.2	W360x 33
x 26	13.91	5.02	0.420	0.255	35.30	353	128	10.7	6.5	578.5	x 39
W14x 30	13.84	6.73	0.385	0.270	42.00	352	171	9.8	6.9	688.3	W360x 45
x 34	13.98	6.74	0.455	0.285	48.60	355	171	11.6	7.2	796.4	x 51
x 38	14.1	6.77	0.515	0.310	54.60	358	172	13.1	7.9	894.7	x 57
W14x 43	13.66	7.99	0.530	0.305	62.70	347	203	13.5	7.7	1027.5	W360x 64
x 48	13.79	8.03	0.595	0.340	70.30	350	204	15.1	8.6	1152.0	x 72
x 53	13.92	8.06	0.660	0.370	77.80	354	205	16.8	9.4	1274.9	x 79
W14x 61	13.89	9.99	0.645	0.375	92.20	* 353	254	16.4	9.5	1510.9	W360x 91
x 68	14.04	10.03	0.720	0.415	103.00	* 357	255	18.3	10.5	1687.9	x 101
x 74	14.17	10.07	0.785	0.450	112.00	* 360	256	19.9	11.4	1835.4	x 110
x 82	14.31	10.13	0.855	0.510	123.00	* 363	257	21.7	13.0	2015.6	x 122
W14x 90	14.02	14.52	0.710	0.440	143.00	* 356	369	18.0	11.2	2343.4	W360x 134
x 99	14.16	14.56	0.780	0.485	157.00	* 360	370	19.8	12.3	2572.8	x 147
x 109	14.32	14.60	0.860	0.525	173.00	* 364	371	21.8	13.3	2835.0	x 162
x 120	14.48	14.67	0.940	0.590	190.00	* 368	373	23.9	15.0	3113.5	x 179
x 132	14.66	14.73	1.030	0.645	209.00	* 372	374	26.2	16.4	3424.9	x 196
W16x 26	15.69	5.50	0.345	0.250	38.40	399	140	8.8	6.4	629.3	W410x 39
x 31	15.88	5.52	0.440	0.275	47.20	403	140	11.2	7.0	773.5	x 46
W16x 36	15.86	6.98	0.430	0.295	56.50	403	177	10.9	7.5	925.9	W410x 54
x 40	16.01	7.00	0.505	0.305	64.70	407	178	12.8	7.7	1060.2	x 60
x 45	16.13	7.04	0.565	0.345	72.70	410	179	14.4	8.8	1191.3	x 67
x 50	16.26	7.07	0.630	0.380	81.00	413	180	16.0	9.7	1327.4	x 74
x 57	16.43	7.12	0.715	0.430	92.20	417	181	18.2	10.9	1510.9	x 85

		Imperial					Metric						
		Depth (in)	Width (in)	Thickness -mean- (in)	Web Thickness (in)	Section Modulus (in ³)	Depth (in)	Width (in)	Thickness -mean- (in)	Web Thickness (in)	Section Modulus (in ³)		
W16	x 67	16.33	10.23	0.665	0.395	117.00	*	415	260	16.9	10.0	1917.3	W410 x 100
	x 77	16.52	10.30	0.760	0.455	134.00	*	420	262	19.3	11.6	2195.9	x 114
	x 89	16.75	10.36	0.875	0.525	155.00	*	425	263	22.2	13.3	2540.0	x 132
	x 100	16.97	10.43	0.985	0.585	175.00	*	431	265	25.0	14.9	2867.7	x 149
W18	x 35	17.7	6.00	0.425	0.300	57.60	*	450	152	10.8	7.6	943.9	W460 x 52
	x 40	17.9	6.02	0.525	0.515	68.40	*	455	153	13.3	13.1	1120.9	x 60
	x 45	18.06	6.06	0.605	0.360	78.80	*	459	154	15.4	9.1	1291.3	x 68
W18	x 41	17.7	7.45	0.425	0.320	70.30	+	450	189	10.8	8.1	1152.0	W460 x 61
	x 45	17.86	7.48	0.499	0.335	80.50	+	454	190	12.7	8.5	1319.2	x 67
	x 50	17.99	7.50	0.570	0.355	88.90		457	191	14.5	9.0	1456.8	x 74
	x 55	18.11	7.53	0.630	0.390	98.30		460	191	16.0	9.9	1610.8	x 82
	x 60	18.24	7.56	0.685	0.415	108.00		463	192	17.4	10.5	1769.8	x 89
	x 65	18.35	7.59	0.750	0.450	117.00		466	193	19.1	11.4	1917.3	x 97
	x 71	18.47	7.64	0.810	0.495	127.00		469	194	20.6	12.6	2081.2	x 106
W18	x 76	18.21	11.04	0.680	0.425	146.00	*	463	280	17.3	10.8	2392.5	W460 x 113
	x 86	18.39	11.09	0.770	0.480	166.00	*	467	282	19.6	12.2	2720.3	x 128
	x 97	18.59	11.14	0.870	0.535	188.00	*	472	283	22.1	13.6	3080.8	x 144
	x 106	18.73	11.20	0.940	0.590	204.00	*	476	284	23.9	15.0	3343.0	x 158
	x 119	18.97	11.26	1.060	0.655	231.00	*	482	286	26.9	16.6	3785.4	x 177
W21	x 44	20.66	6.50	0.450	0.350	81.60	*	525	165	11.4	8.9	1337.2	W530 x 66
	x 50	20.83	6.53	0.535	0.380	94.50	*	529	166	13.6	9.7	1548.6	x 74
	x 57	21.06	6.56	0.650	0.405	111.00	*	535	167	16.5	10.3	1819.0	x 85
W21	x 55	20.8	8.22	0.522	0.375	110.00	+	528	209	13.3	9.5	1802.6	W530 x 82
	x 62	20.99	8.24	0.615	0.400	127.00		533	209	15.6	10.2	2081.2	x 92
	x 68	21.13	8.27	0.685	0.430	140.00		537	210	17.4	10.9	2294.2	x 101
	x 73	21.24	8.30	0.740	0.465	151.00		539	211	18.8	11.6	2474.4	x 109
	x 83	21.43	8.36	0.835	0.515	171.00		544	212	21.2	13.1	2802.2	x 123
	x 93	21.62	8.42	0.930	0.580	192.00		549	214	23.6	14.7	3146.3	x 138
W21	x 101	21.36	12.29	0.800	0.500	227.00	*	543	312	20.3	12.7	3719.9	W530 x 150
	x 111	21.51	12.34	0.875	0.560	249.00	*	546	313	22.2	14.0	4080.4	x 165
	x 122	21.68	12.39	0.960	0.600	273.00	*	551	315	24.4	15.2	4473.7	x 182
	x 132	21.83	12.44	1.040	0.650	295.00	*	554	316	26.4	16.5	4834.2	x 196
	x 147	22.06	12.51	1.150	0.720	329.00	*	560	318	29.2	18.3	5391.3	x 219
W24	x 55	23.57	7.00	0.505	0.395	114.00	*	599	178	12.8	10.0	1868.1	W610 x 82
	x 62	23.74	7.04	0.590	0.430	131.00	*	603	179	15.0	10.9	2146.7	x 92
W24	x 68	23.73	8.96	0.585	0.415	154.00		603	228	14.9	10.5	2523.6	W610 x 101
	x 76	23.92	8.99	0.680	0.440	176.00		608	228	17.3	11.2	2884.1	x 113
	x 84	24.1	9.02	0.770	0.470	196.00		612	229	19.6	11.9	3211.9	x 125
	x 94	24.31	9.06	0.875	0.515	222.00		617	230	22.2	13.1	3637.9	x 140
W36	x 230	35.9	16.47	1.260	0.760	837.00	*	912	418	32.0	19.3	13716.0	W920 x 342
	x 245	36.08	16.51	1.350	0.800	895.00	*	916	419	34.3	20.3	14666.4	x 365
	x 260	36.26	16.55	1.440	0.840	953.00	*	921	420	36.6	21.3	15616.9	x 387
	x 280	36.52	16.60	1.570	0.885	1030.00	*	928	422	39.9	22.5	16878.7	x 417
	x 300	36.74	16.65	1.680	0.945	1110.00	*	933	423	42.7	24.0	18189.6	x 446
W8	x 14	7.98	5.21	0.250	0.195	11.80		203	132	6.4	5.0	193.4	W200 x 21
W10	x 16	9.95	5.71	0.250	0.195	16.60		253	145	6.4	5.0	272.0	W250 x 24
W12	x 21	12.04	6.45	0.290	0.195	26.70		306	164	7.4	5.0	437.5	W310 x 31
W21	x 48	20.62	8.14	0.430	0.350	93.80		524	207	10.9	8.9	1537.1	W530 x 72
W24	x 56	23.48	8.90	0.460	0.355	125.00		596	226	11.7	9.0	2048.4	W610 x 84
W24	x 61	23.56	8.93	0.500	0.380	136.00		598	227	12.7	9.7	2228.6	W610 x 91