



**WIDE FLANGE
BEAMS**
SPEC A-36/44W/A572-50/A992

New Designation		Depth In.	Flange		Web Thickness In.	Section Modulus In. ³
ASTM Imp.	CDN Metric		Width In.	Thickness (mean) In.		
W18 x 35 x 40 x 46	W460 x 52 x 60 x 68	17.70	6.00	.425	.300	57.6
		17.90	6.02	.525	.315	68.4
		18.06	6.06	.605	.360	78.8
W18 x 41 x 45 x 50 x 55 x 60 x 65 x 71	W460 x 61 x 67 x 74 x 82 x 89 x 97 x 106	17.70	7.45	.425	.320	70.3
		17.86	7.48	.499	.335	80.5
		17.99	7.50	.570	.355	88.9
		18.11	7.53	.630	.390	98.3
		18.24	7.56	.695	.415	108
		18.35	7.59	.750	.450	117
		18.47	7.64	.810	.495	127
W18 x 76 x 86 x 97 x 106 x 119	W460 x 113 x 128 x 144 x 158 x 177	18.21	11.04	.680	.425	146
		18.39	11.09	.770	.480	166
		18.59	11.14	.870	.535	188
		18.73	11.20	.940	.590	204
		18.97	11.26	1.06	.655	231
W21 x 44 x 50 x 57	W530 x 66 x 74 x 85	20.66	6.50	.450	.350	81.6
		20.83	6.53	.535	.380	94.5
		21.06	6.56	.650	.405	111
W21 x 48 x 55 x 62 x 68 x 73 x 83 x 93	W530 x 72 x 82 x 92 x 101 x 109 x 123 x 138	20.62	8.14	.430	.350	93.8
		20.80	8.22	.522	.375	110
		20.99	8.24	.615	.400	127
		21.13	8.27	.685	.430	140
		21.24	8.30	.740	.455	151
		21.43	8.36	.835	.515	171
		21.62	8.42	.930	.580	192
W21 x 101 x 111 x 122 x 132 x 147	W530 x 150 x 165 x 182 x 196 x 219	21.36	12.29	.800	.500	227
		21.51	12.34	.875	.550	249
		21.68	12.39	.960	.600	273
		21.83	12.44	1.04	.650	295
		22.06	12.51	1.15	.720	329
W24 x 55 x 62	W610 x 82 x 92	23.57	7.00	.505	.395	114
		23.74	7.04	.590	.430	131
W24 x 56 x 61 x 68 x 76 x 84 x 94	W610 x 84 x 91 x 101 x 113 x 125 x 140	23.48	8.90	.460	.355	126
		23.56	8.93	.500	.380	136
		23.73	8.96	.585	.415	154
		23.92	8.99	.680	.440	176
		24.10	9.02	.770	.470	196
		24.31	9.06	.875	.515	222
W24 x 104 x 117 x 131 x 146 x 162	W610 x 155 x 174 x 195 x 217 x 241	24.06	12.75	.750	.500	258
		24.26	12.80	.850	.550	291
		24.48	12.86	.960	.605	329
		24.74	12.90	1.09	.650	371
		25.00	12.96	1.22	.705	414