



**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.			
W12 x 14 x 16 x 19 x 22	W310 x 21	11.91	3.97	.225	.200	14.9	
	x 24	11.99	3.99	.265	.220	17.1	
	x 28	12.16	4.00	.350	.235	21.3	
	x 33	12.31	4.03	.425	.260	25.4	
W12 x 21 x 26 x 30 x 35	W310 x 31	12.04	6.45	.290	.195	26.7	
	x 39	12.22	6.49	.380	.230	33.4	
	x 45	12.34	6.52	.440	.260	38.6	
	x 52	12.50	6.56	.520	.300	45.6	
W12 x 40 x 45 x 50	W310 x 60	11.94	8.00	.515	.295	51.9	
	x 67	12.06	8.04	.575	.335	58.1	
	x 74	12.19	8.08	.640	.370	64.7	
W12 x 53 x 58	W310 x 79	12.06	10.00	.575	.345	70.6	
	x 86	12.19	10.01	.640	.360	78.0	
W12 x 65 x 72 x 79 x 87 x 96 x 106 x 120 x 136 x 152 x 170 x 190	W310 x 97	12.12	12.00	.605	.390	87.9	
	x 107	12.25	12.04	.670	.430	97.4	
	x 118	12.38	12.08	.735	.470	107	
	x 129	12.53	12.12	.810	.515	118	
	x 143	12.71	12.16	.900	.550	131	
	x 158	12.89	12.22	.990	.610	145	
	x 179	13.12	12.32	1.10	.710	163	
	x 202	13.41	12.40	1.25	.790	186	
	x 226	13.71	12.48	1.40	.870	209	
	x 253	14.03	12.57	1.56	.960	235	
	x 283	14.38	12.67	1.74	1.06	263	
	W12 x 210 x 230 x 252 x 279 x 305 x 336	W310 x 313	14.72	12.80	1.90	1.18	292
		x 342	15.04	12.91	2.07	1.28	321
x 375		15.39	12.99	2.25	1.39	351	
x 415		15.87	13.15	2.47	1.53	394	
x 454		16.34	13.23	2.70	1.63	435	
x 500		16.81	13.39	2.96	1.78	483	
W14 x 22 x 26	W360 x 33	13.74	5.00	.335	.230	29.0	
	x 39	13.91	5.02	.420	.255	35.3	
W14 x 30 x 34 x 38	W360 x 45	13.84	6.73	.385	.270	42.0	
	x 51	13.98	6.74	.455	.285	48.6	
	x 57	14.10	6.77	.515	.310	54.6	
W14 x 43 x 48 x 53	W360 x 64	13.66	8.00	.530	.305	62.7	
	x 72	13.79	8.03	.595	.340	70.3	
	x 79	13.92	8.06	.660	.370	77.8	
W14 x 61 x 68 x 74 x 82	W360 x 91	13.89	10.00	.645	.375	92.2	
	x 101	14.04	10.04	.720	.415	103	
	x 110	14.17	10.07	.785	.450	112	
	x 122	14.31	10.13	.855	.510	123	