

**Fig 160WFB: Structural Steel: Wide Flange Beams**

**Service Application:** Available in random or cut lengths.



SECTION NUMBER	WEIGHT PER/FOOT	DEPTH OF SECTION	FLANGE		WEB THICKNESS	SECTION NUMBER	WEIGHT PER/FOOT	DEPTH OF SECTION	FLANGE		WEB THICKNESS
			WIDTH	THICKNESS					WIDTH	THICKNESS	
	lb.	in.	in.	in.	in.		lb.	in.	in.	in.	in.
W4	13	4.16	4.060	0.345	0.280	W12	170	14.03	12.570	1.560	0.960
W5	16	5.01	5.000	0.360	0.240		190	14.38	12.670	1.735	1.060
	19	5.15	5.030	0.430	0.270		210	14.71	12.790	1.900	1.180
W6	9	5.90	3.940	0.215	0.170		230	15.05	12.895	2.070	1.285
	12	6.03	4.000	0.280	0.230		252	15.41	13.005	2.250	1.395
	16	6.28	4.030	0.405	0.260		279	15.85	13.140	2.470	1.530
W6	15	5.99	5.990	0.260	0.230		305	16.32	13.235	2.705	1.625
	20	6.20	6.020	0.365	0.260		336	16.82	13.385	2.955	1.775
	25	6.38	6.080	0.455	0.320	W14	22	13.74	5.000	0.335	0.230
W8	10	7.89	3.940	0.205	0.170		26	13.91	5.025	0.420	0.255
	13	7.99	4.000	0.255	0.230	W14	30	13.84	6.730	0.385	0.270
	15	8.11	4.015	0.315	0.245		34	13.98	6.745	0.455	0.285
W8	18	8.14	5.250	0.330	0.230		38	14.10	6.770	0.515	0.310
	21	8.28	5.270	0.400	0.250	W14	43	13.66	7.995	0.530	0.305
W8	24	7.93	6.495	0.400	0.245		48	13.79	8.030	0.595	0.340
	28	8.06	6.535	0.465	0.285		53	13.92	8.060	0.660	0.370
W8	31	8.00	7.995	0.435	0.285	W14	61	13.89	9.995	0.645	0.375
	35	8.12	8.020	0.495	0.310		68	14.04	10.035	0.720	0.415
	40	8.25	8.070	0.560	0.360		74	14.17	10.070	0.785	0.450
	48	8.50	8.110	0.685	0.400		82	14.31	10.130	0.855	0.510
	58	8.75	8.220	0.810	0.510	W14	90	14.02	14.520	0.710	0.440
	67	9.00	8.280	0.935	0.570		99	14.16	14.565	0.780	0.485
W10	12	9.87	3.960	0.210	0.190		109	14.32	14.605	0.860	0.525
	15	9.99	4.000	0.270	0.230		120	14.48	14.670	0.940	0.590
	17	10.11	4.010	0.330	0.240		132	14.66	14.725	1.030	0.645
	19	10.24	4.020	0.395	0.250	W14	145	14.78	15.500	1.090	0.680
W10	22	10.17	5.750	0.360	0.240		159	14.98	15.565	1.190	0.745
	26	10.33	5.770	0.440	0.260		176	15.22	15.650	1.310	0.830
	30	10.47	5.810	0.510	0.300		193	15.48	15.710	1.440	0.890
W10	33	9.73	7.960	0.435	0.290		211	15.72	15.800	1.560	0.980
	39	9.92	7.985	0.530	0.315		233	16.04	15.890	1.720	1.070
	45	10.10	8.020	0.620	0.350		257	16.38	15.995	1.890	1.175
W10	49	9.98	10.000	0.560	0.340		283	16.74	16.110	2.070	1.290
	54	10.09	10.030	0.615	0.370		311	17.12	16.230	2.260	1.410
	60	10.22	10.080	0.680	0.420		342	17.54	16.360	2.470	1.540
	68	10.40	10.130	0.770	0.470		370	17.92	16.475	2.660	1.655
	77	10.60	10.190	0.870	0.530		398	18.29	16.590	2.845	1.770
	88	10.84	10.265	0.990	0.605		426	18.67	16.695	3.035	1.875
	100	11.10	10.340	1.120	0.680		455	19.02	16.835	3.210	2.015
	112	11.36	10.415	1.250	0.755		500	19.60	17.010	3.500	2.190
W12	14	11.91	3.970	0.225	0.200		550	20.24	17.200	3.820	2.380
	16	11.99	3.990	0.265	0.220		605	20.92	17.415	4.160	2.595
	19	12.16	4.005	0.350	0.235		665	21.64	17.650	4.520	2.830
	22	12.31	4.030	0.425	0.260		730	22.42	17.890	4.910	3.070
W12	26	12.22	6.490	0.380	0.230	W16	26	15.69	5.500	0.345	0.250
W12	30	12.34	6.520	0.440	0.260		31	15.88	5.525	0.440	0.275
	35	12.50	6.560	0.520	0.300	W16	36	15.86	6.985	0.430	0.295
W12	40	11.94	8.005	0.515	0.295		40	16.01	6.995	0.505	0.305
	45	12.06	8.045	0.575	0.335		45	16.13	7.035	0.565	0.345
	50	12.19	8.080	0.640	0.370		50	16.26	7.070	0.630	0.380
W12	53	12.06	9.995	0.575	0.345		57	16.43	7.120	0.715	0.430
	58	12.19	10.010	0.640	0.360	W16	67	16.33	10.235	0.665	0.395
W12	65	12.12	12.000	0.605	0.390		77	16.52	10.295	0.760	0.455
	72	12.25	12.040	0.670	0.430		89	16.75	10.365	0.875	0.525
	79	12.38	12.080	0.735	0.470		100	16.97	10.425	0.985	0.585
	87	12.53	12.125	0.810	0.515	W18	35	17.70	6.000	0.425	0.300
	96	12.71	12.160	0.900	0.550		40	17.90	6.015	0.525	0.315
	106	12.89	12.220	0.990	0.610		46	18.06	6.060	0.605	0.360
	120	13.12	12.320	1.105	0.710	W18	50	17.99	7.495	0.570	0.355
	136	13.41	12.400	1.250	0.790		55	18.11	7.530	0.630	0.390
	152	13.71	12.480	1.400	0.870		60	18.24	7.555	0.695	0.415