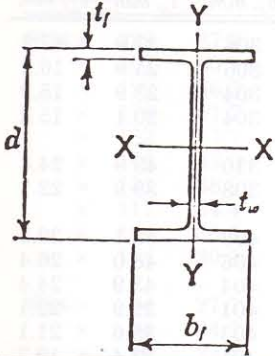


Table 5

"W" SHAPES

ASTM A6/A6M



Designation (Nominal Depth in in and Weight in lb/Linear ft)		Flange					Designation (Nominal Depth in mm and Mass in kg/m)		Flange				
Area A in ²	Depth d, in	Width b _f , in	Thick- ness t _f , in ^a	Web Thick- ness t _w , in ^a		Area A mm ²	Depth d, mm	Width b _f , mm	Thick- ness t _f , mm ^a	Web Thick- ness t _w , mm ^a			
W44 × 335	98.7	44.02	15.945	1.772	1.024	W1100 × 499	63,521	1,118	405	45.0	26.0		
× 290	85.8	43.62	15.827	1.575	0.866	× 433	55,119	1,108	402	40.0	22.0		
× 262	77.2	43.31	15.748	1.417	0.787	× 390	49,703	1,100	400	36.0	20.0		
× 230	67.9	42.91	15.748	1.220	0.709	× 343	43,647	1,090	400	31.0	18.0		
W40 × 503	147.8	42.05	16.417	2.756	1.535	W1000 × 748	95,345	1,068	417	70.0	39.0		
× 431	126.7	41.26	16.220	2.362	1.339	× 642	81,765	1,048	412	60.0	34.0		
× 372	109.4	40.63	16.063	2.047	1.161	× 554	70,581	1,032	408	52.0	29.5		
× 321	94.2	40.08	15.906	1.772	1.004	× 477	60,797	1,018	404	45.0	25.5		
× 174	51.1	38.20	15.748	0.827	0.650	× 258	32,885	970	400	21.0	16.5		
W40 × 466	137.0	42.44	12.638	2.953	1.673	W1000 × 694	88,363	1,078	321	75.0	42.5		
× 392	115.3	41.57	12.362	2.520	1.417	× 584	74,373	1,056	314	64.0	36.0		
× 331	97.5	40.79	12.165	2.126	1.220	× 494	62,913	1,036	309	54.0	31.0		
× 278	81.9	40.16	11.969	1.811	1.024	× 415	52,869	1,020	304	46.0	26.0		
W40 × 593	174.4	42.99	16.690	3.230	1.790	W1000 × 883	112,517	1,092	424	82.0	45.5		
× 297	87.4	39.84	15.825	1.650	0.930	× 443	56,387	1,012	402	41.9	23.6		
× 277	81.3	36.69	15.830	1.575	0.830	× 412	52,470	1,008	402	40.0	21.1		
× 249	73.3	39.38	15.750	1.420	0.750	× 371	47,271	1,000	400	36.1	19.0		
× 215	63.3	38.98	15.750	1.220	0.650	× 321	40,849	990	400	31.0	16.5		
× 199	58.4	38.67	15.750	1.065	0.650	× 296	37,699	982	400	27.1	16.5		
W40 × 183	53.7	38.98	11.810	1.220	0.650	W1000 × 272	34,647	990	300	31.0	16.5		
× 167	49.1	38.59	11.810	1.025	0.650	× 249	31,675	980	300	26.0	16.5		
× 149	43.8	38.20	11.810	0.830	0.630	× 222	28,232	970	300	21.1	16.0		
W40 × 264	77.6	40.00	11.930	1.730	0.960	W1000 × 393	50,100	1,016	303	43.9	24.4		
× 235	68.9	39.69	11.890	1.575	0.830	× 350	44,600	1,008	302	40.0	21.1		
× 211	62.0	39.37	11.810	1.415	0.750	× 314	40,000	1,000	300	35.9	19.1		
W36 × 848	249.2	42.45	18.130	4.530	2.520	W920 × 1,262	160,753	1,078	461	115.1	64.0		
× 798	234.6	41.97	17.990	4.290	2.380	× 1,188	151,347	1,066	457	109.0	60.5		
× 650	191.0	40.47	17.575	3.540	1.970	× 967	123,210	1,028	446	89.9	50.0		
× 527	154.7	39.21	17.220	2.910	1.610	× 784	99,835	996	437	73.9	40.9		
× 439	129.0	38.26	16.965	2.440	1.360	× 653	83,195	972	431	62.0	34.5		
× 393	115.6	37.80	16.830	2.200	1.220	× 585	71,559	960	427	55.9	31.0		
× 359	105.4	37.40	16.730	2.010	1.120	× 534	68,004	950	425	51.1	28.4		
× 328	96.4	37.09	16.630	1.850	1.020	× 488	62,165	942	422	47.0	25.9		
× 300	88.3	36.74	16.655	1.680	0.945	× 446	57,000	933	423	42.7	24.0		
× 280	82.4	36.52	16.595	1.570	0.885	× 417	53,200	928	422	39.9	22.5		
× 260	76.5	36.26	16.550	1.440	0.840	× 387	49,400	921	420	36.6	21.3		
× 245	72.1	36.08	16.510	1.350	0.800	× 365	46,500	916	419	34.3	20.3		
× 230	67.6	35.90	16.470	1.260	0.760	× 342	43,600	912	418	32.0	19.3		
× 210	61.8	36.69	12.180	1.360	0.830	× 313	39,900	932	309	34.5	21.1		
× 194	57.0	36.49	12.15	1.260	0.765	× 289	36,800	927	308	32.0	19.4		
× 182	53.6	36.33	12.075	1.180	0.725	× 271	34,600	923	307	30.0	18.4		