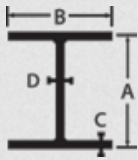


Beams



Structural/Wide Flange Beams and H-Pile

ATSM A36
ATSM A572
ATSM A992

		A	B	C	D			A	B	C	D
		Section	Flange	Ave.	Web			Section	Flange	Ave.	Web
Designation	LBS/ft	Depth	Width	Flange	Thickness	Designation	LBS/ft	Depth	Width	Flange	Thickness
		Inches	Inches	Thickness	Inches			Inches	Inches	Thickness	Inches
S3 x 5.7	5.7	3	2.33	0.26	0.17	S15 x 42.9	42.9	15	5.501	0.622	0.411
S3 x 7.5	7.5	3	2.509	0.26	0.349	S15 x 50	50	15	5.64	0.622	0.55
S4 x 7.7	7.7	4	2.663	0.293	0.193	W16 x 26	26	15.69	5.5	0.345	0.25
S4 x 9.5	9.5	4	2.796	0.293	0.236	W16 x 31	31	15.88	5.525	0.44	0.275
S5 x 10	10	5	3.5	0.326	0.214	W16 x 36	36	15.86	6.985	0.43	0.295
S5 x 14.75	14.75	5	3.284	0.326	0.494	W16 x 40	40	16.01	6.995	0.505	0.305
W6 x 9	9	5.9	3.94	0.215	0.17	W16 x 45	45	16.13	7.035	0.565	0.345
W6 x 12	12	6.03	4	0.28	0.23	W16 x 50	50	16.26	7.07	0.63	0.38
S6 x 12.5	12.5	6	3.332	0.359	0.232	W16 x 57	57	16.43	7.12	0.715	0.43
W6 x 15	15	5.99	5.99	0.26	0.23	w16 x 67	67	16.33	10.235	0.665	0.395
W6 x 16	16	6.28	4.03	0.405	0.26	W16 x 77	77	16.52	10.295	0.76	0.455
S6 x 17.25	17.25	6	3.565	0.359	0.465	W16 x 89	89	16.75	10.365	0.875	0.525
W6 x 20	20	6.2	6.02	0.365	0.26	W16 x 100	100	16.97	10.425	0.985	0.585
W6 x 25	25	6.38	6.08	0.455	0.32	W18 x 35	35	17.7	6	0.425	0.3
S7 x 15.3	15.3	7	3.662	0.392	0.252	W18 x 40	40	17.9	6.015	0.525	0.315
S7 x 20	20	7	3.86	0.392	0.45	W18 x 46	46	18.06	6.06	0.605	0.36
W8 x 10	10	7.89	3.94	0.205	0.17	W18 x 50	50	17.99	7.495	0.57	0.355
W8 x 13	13	7.99	4	0.255	0.23	S18 x 54.7	54.7	18	6.001	0.691	0.461
W8 x 15	15	8.11	4.015	0.315	0.245	W18 x 55	55	18.11	7.53	0.63	0.39
W8 x 18	18	8.14	5.25	0.33	0.23	W18 x 60	60	18.24	7.555	0.695	0.415
S8 x 18.4	118.4	8	4.001	0.426	0.271	W18 x 65	65	18.35	7.59	0.75	0.45
W8 x 21	21	8.28	5.27	0.4	0.25	W18 x 70	70	18	6.251	0.691	0.711
S8 x 23	23	8	4.171	0.426	0.441	W18 x 71	71	18.47	7.635	0.81	0.495
W8 x 24	24	7.93	6.495	0.4	0.245	W18 x 76	76	18.21	11.035	0.68	0.425
W8 x 28	28	8.06	6.535	0.465	0.285	W18 x 86	86	18.39	11.09	0.77	0.48
W8 x 31	31	8	7.995	0.435	0.285	W18 x 97	97	18.59	11.145	0.87	0.535
W8 x 35	35	8.12	8.02	0.495	0.31	W18 x 106	106	18.73	11.2	0.94	0.59
W8 x 40	40	8.25	8.07	0.56	0.36	W18 x 119	119	18.97	11.265	1.06	0.655
W8 x 48	48	8.5	8.11	0.685	0.4	W20 x 26	26	10.33	5.77	0.44	0.26
W8 x 58	58	8.75	8.22	0.81	0.51	S20 x 65.4	65.4	20	6.255	0.795	0.505
W8 x 67	67	9	8.28	0.935	0.57	S20 x 75	75	20	6.385	0.795	0.635
W10 x 12	12	9.87	3.96	0.21	0.19	S20 x 95	95	20	7.2	0.8	0.92
W10 x 15	15	9.99	4	0.27	0.23	W21 x 44	44	20.66	6.5	0.45	0.35
W10 x 17	17	10.11	4.01	0.33	0.24	w21 x 50	50	20.83	6.53	0.535	0.38
W10 x 19	19	10.24	4.02	0.395	0.25	W21 x 57	57	21.06	6.555	0.65	0.405
W10 x 22	22	10.17	5.75	0.36	0.24	W21 x 62	62	20.99	8.24	0.615	0.4
S10 x 25.4	25.4	10	4.661	0.491	0.311	W21 x 68	68	21.13	8.27	0.685	0.43
W10 x 30	30	10.47	5.81	0.51	0.3	W21 x 73	73	21.24	8.295	0.74	0.455
W10 x 33	33	9.73	7.96	0.435	0.29	W21 x 83	83	21.43	8.355	0.835	0.515
W10 x 39	39	9.92	7.985	0.53	0.315	W21 x 93	93	21.62	8.42	0.93	0.58
W10 x 45	45	10.1	8.02	0.62	0.35	W21 x 101	101	21.36	12.29	0.8	0.5
W10 x 49	49	9.98	10	0.56	0.34	W21 x 111	111	21.51	12.34	0.875	0.55
W10 x 54	54	1.09	10.03	0.615	0.37	W21 x 122	122	21.68	12.39	0.96	0.6
W10 x 60	60	10.22	10.08	0.68	0.42	W21 x 132	132	21.83	12.44	1.035	0.65
W10 x 68	68	10.4	10.13	0.77	0.47	W21 x 147	147	22.06	12.51	1.15	0.72
W10 x 77	77	10.6	10.19	0.87	0.53	W24 x 55	55	23.57	7.005	0.505	0.395
W10 x 88	88	10.84	10.265	0.99	0.605	W24 x 62	62	23.74	7.04	0.59	0.43

W10 x100	100	11.1	10.34	1.12	0.68	W24 x68	68	23.73	8.965	0.585	0.415
W10 x112	112	11.36	10.415	1.25	0.755	W24 x76	76	23.92	8.99	0.68	0.44
W12 x14	14	11.91	3.97	0.225	0.2	S24 x79.9	79.9	24	7	0.87	0.5
W12 x16	16	11.99	3.99	0.265	0.22	W24 x84	84	24.1	9.02	0.77	0.47
W12 x19	19	12.16	4.005	0.35	0.235	S24 x90	90	24	7.125	0.87	0.625
W12 x22	22	12.31	4.03	0.425	0.26	W24 x94	94	24.31	9.065	0.875	0.515
W12 x26	26	12.22	6.49	0.38	0.23	S24 x100	100	24	7.425	0.87	0.745
W12 x30	30	12.34	6.52	0.44	0.26	W24 x104	104	24.06	12.75	0.75	0.5
W12 x35	35	12.5	6.56	0.52	0.3	S24 x105.9	105.9	24	7.78	10.9	0.62
W12 x40	40	11.94	8.005	0.515	0.295	W24 x117	117	24.26	12.8	0.85	0.55
S12 x40.8	40.8	12	5.252	0.659	0.462	S24 x120	120	24	8.05	10.9	0.8
W12 x45	45	12.06	8.045	0.575	0.335	W24 x131	131	24.48	12.855	0.96	0.605
W12 x50	50	12.19	8.08	0.64	0.37	W24 x146	146	24.74	12.9	1.09	0.65
W12 x53	53	12.06	9.995	0.575	0.345	W24 x162	162	25	12.955	1.22	0.705
W12 x58	58	12.19	10.01	0.64	0.36	W27 x84	84	26.71	9.96	0.64	0.46
W12 x65	65	12.12	12	0.605	0.39	W27 x94	94	26.92	9.99	0.745	0.49
W12 x72	72	12.25	12.4	0.67	0.43	W27 x102	102	27.09	10.015	0.83	0.515
W12 x79	79	12.38	12.08	0.735	0.47	W27 x114	114	27.29	10.07	0.93	0.57
W12 x87	87	12.53	12.125	0.81	0.515	W27 x146	146	27.38	13.965	0.975	0.605
W12 x96	96	12.71	12.16	0.9	0.55	W27 x161	161	27.59	14.02	1.08	0.66
W12 x106	106	12.89	12.22	0.99	0.61	W27 x178	178	27.81	14.085	1.19	0.725
W12 x120	120	13.12	12.32	1.105	0.71	W30 x99	99	29.65	10.45	0.67	0.52
W12 x136	136	13.41	12.4	1.25	0.79	W30 x108	108	29.83	10.475	0.76	0.545
W12 x152	152	13.71	12.48	1.4	0.87	W30 x116	116	30.01	10.495	0.85	0.565
W12 x170	170	14.03	12.57	1.56	0.96	W30 x124	124	30.17	10.515	0.93	0.585
W12 x190	190	14.38	12.67	1.735	1.06	W30 x132	132	30.31	10.545	1	0.615
W12 x210	210	14.71	12.79	1.9	1.18	W30 x173	173	30.44	14.985	1.065	0.655
W12 x230	230	15.05	12.895	2.07	1.285	W30 x191	191	30.68	15.04	1.185	0.71
W12 x252	252	15.41	13.005	2.25	1.395	W30 x211	211	30.94	15.105	1.315	0.775
W12 x279	279	15.85	13.14	2.47	1.53	W33 x118	118	32.86	11.48	0.74	0.55
W12 x305	305	16.32	13.235	2.705	1.625	W33 x130	130	33.09	11.51	0.855	0.58
W12 x336	336	16.85	13.385	2.955	1.775	W33 x141	141	33.3	11.535	0.96	0.605
W14 x22	22	13.74	5	0.335	0.23	W33 x152	152	33.49	11.565	1.055	0.635
W14 x26	26	13.91	5.025	0.42	0.255	W33 x201	201	33.68	15.745	1.15	0.715
W14 x30	30	13.84	6.73	0.385	0.27	W33 x221	221	33.93	15.805	1.275	0.775
W14 x34	34	13.98	6.745	0.455	0.285	W33 x241	241	34.18	15.86	1.4	0.83
W14 x38	38	14.1	6.77	0.515	0.31	W36 x135	135	35.55	11.95	0.79	0.6
W14 x43	43	13.66	7.995	0.53	0.305	W36 x150	150	35.85	11.975	0.94	0.625
W14 x48	48	13.79	8.03	0.595	0.34	W36 x160	160	36.01	12	1.02	0.65
W14 x53	53	13.92	8.06	0.66	0.37	W36 x170	170	36.17	12.03	1.1	0.68
W14 x61	61	13.89	9.995	0.645	0.375	W36 x182	182	36.33	12.075	1.18	0.725
W14 x68	68	14.04	10.035	0.72	0.415	W36 x194	194	36.49	12.115	1.26	0.765
W14 x74	74	14.17	10.07	0.785	0.45	W36 x210	210	36.69	12.18	1.36	0.83
W14 x82	82	14.31	10.13	0.855	0.51	W36 x230	230	35.9	16.47	1.26	0.76
W14 x90	90	14.16	14.52	0.71	0.44	W36 x245	245	36.08	16.51	1.35	0.8
W14 x109	109	14.32	14.605	0.86	0.525	W36 x260	260	36.26	16.55	1.44	0.84
W14 x120	120	14.48	14.67	0.94	0.59	W36 x280	280	36.52	16.595	1.57	0.885
W14 x132	132	14.66	14.725	1.03	0.645	W36 x300	300	36.74	16.655	1.68	0.945
W14 x145	145	14.78	15.5	1.09	0.68						
W14 x159	159	14.98	15.565	1.19	0.745						
W14 x176	176	15.22	15.65	1.31	0.83						
W14 x193	193	15.48	15.71	1.44	0.89						
W14 x211	211	15.72	15.8	1.56	0.98						
W14 x233	233	16.04	15.89	1.72	1.07						
W14 x257	257	16.38	15.995	1.89	1.175						
W14 x283	283	16.74	16.11	2.07	1.29						
W14 x311	311	17.12	16.23	2.26	1.41						
W14 x342	342	17.54	16.36	2.47	1.54						
W14 x370	370	17.92	16.475	2.66	1.655						
W14 x398	398	18.29	16.59	2.845	1.77						
W14 x426	426	18.67	16.695	3.035	1.875						
W14 x455	455	19.02	16.835	3.21	2.015						
W14 x500	500	19.6	17.01	3.5	2.19						

W14 x550	550	20.24	17.2	3.82	2.38						
W14 x605	605	20.92	17.415	4.16	2.595						
W14 x665	665	21.64	17.65	4.52	2.83						
W14 x730	730	22.42	17.89	4.89	3.07						