



## BEAM SIZES

Designation			
Metric <i>mm x mm x kg/m</i>	Metric <i>mm x mm x kg/m</i>	Metric <i>mm x mm x kg/m</i>	Metric <i>mm x mm x kg/m</i>
100x100x17.2	300x150x32	400x200x56.6	500x200x103
125x125x23.8	300x150x36.7	400x200x66.6	500x300x114
150x75x14	300x200x56.8	400x200x75.5	
150x100x21.1	300x200x65.4	400x300x94.3	150x75x17.1
150x150x31.5	300x300x84.5	400x300x107	150x75x17.1
175x175x40.2	300x300x87	400x400x140	200x100x26.0
	300x300x94	400x400x147	200x150x50.4
200x100x18.2	300x300x106	400x400x172	250x125x38.3
200x100x21.3	300x300x106	400x400x197	250x125x55.5
200x150x30.6		400x400x232	300x150x48.3
200x200x49.9	350x175x41.4		300x150x65.5
200x200x56.2	350x175x49.6	450x200x66.2	300x150x76.8
200x200x65.7	350x175x57.8	450x200x76	350x150x58.5
250x125x25.7	350x250x69.2	450x200x88.9	350x150x87.2
250x125x29.6	350x250x79.7	450x300x106	400x150x72.0
250x175x44.1	350x350x106	450x300x124	400x150x95.8
250x250x64.4	350x350x115	450x300x145	450x175x91.7
250x250x66.5	350x350x131		450x175x115.0
250x250x72.4	350x350x137	500x200x79.5	600x190x133.0
250x250x82.2	350x350x156	500x200x89.6	600x190x176.0

Designation			
Imperial (in x lb/ft)	Imperial (in x lb/ft)	Imperial (in x lb/ft)	Imperial (in x lb/ft)
W 27 x 178	W 18 x 86	W 14 x 38	W 10 x 39
W 27 x 161	W 18 x 76	W 14 x 34	W 10 x 33
W 27 x 146	W 18 x 71	W 14 x 30	W 10 x 30
W 27 x 114	W 18 x 65	W 14 x 26	W 10 x 26
W 27 x 102	W 18 x 60	W 14 x 22	W 10 x 22
W 27 x 94	W 18 x 55	W 12 x 136	W 10 x 19
W 27 x 84	W 18 x 50	W 12 x 120	W 10 x 17
	W 18 x 46	W 12 x 106	W 10 x 15
W 24 x 162	W 18 x 40	W 12 x 96	W 10 x 12
W 24 x 146	W 18 x 35	W 12 x 87	
W 24 x 131		W 12 x 79	W 8 x 67
W 24 x 117	W 16 x 100	W 12 x 72	W 8 x 58
W 24 x 104	W 16 x 89	W 12 x 65	W 8 x 48
W 24 x 94	W 16 x 77	W 12 x 58	W 8 x 40
W 24 x 84	W 16 x 67	W 12 x 53	W 8 x 35
W 24 x 76	W 16 x 57	W 12 x 50	W 8 x 31
W 24 x 68	W 16 x 50	W 12 x 45	W 8 x 28
W 24 x 62	W 16 x 45	W 12 x 40	W 8 x 24
W 24 x 55	W 16 x 40	W 12 x 35	W 8 x 21
	W 16 x 36	W 12 x 30	W 8 x 18
W 21 x 147	W 16 x 31	W 12 x 26	W 8 x 15
W 21 x 132	W 16 x 26	W 12 x 22	W 8 x 13
W 21 x 122		W 12 x 19	W 8 x 10
W 21 x 111	W 14 x 132	W 12 x 16	
W 21 x 101	W 14 x 120	W 12 x 14	W 6 x 25
W 21 x 93	W 14 x 109		W 6 x 20
W 21 x 83	W 14 x 99	W 10 x 112	W 6 x 16
W 21 x 73	W 14 x 90	W 10 x 100	W 6 x 15
W 21 x 68	W 14 x 82	W 10 x 88	W 6 x 12
W 21 x 62	W 14 x 74	W 10 x 77	W 6 x 9
W 21 x 57	W 14 x 68	W 10 x 68	
W 21 x 50	W 14 x 61	W 10 x 60	W 5 x 19
W 21 x 44	W 14 x 53	W 10 x 54	W 5 x 16
	W 14 x 48	W 10 x 49	
W 18 x 119	W 14 x 43	W 10 x 45	W 4 x 13

American Wide Flange Beam is for example W 6 x 25, which is 6 inches deep with a weight of 25 lb/ft.

I-shaped cross-section beams:

Britain : Universal Beams (UB) and Universal Columns (UC)

Europe : IPE. HE. HL. HD and other sections

US : Wide Flange (WF) and H sections