

I-Beam Size Chart



Designation (in x lbs/ft)	Flange				
	Area (in ²)	Depth (in)	Width (in)	Thickness (in)	Web Thickness (in)
S 24 x 121	35.6	24.5	8.05	1.09	0.8
x 106	31.2	24.5	7.87	1.09	0.62
S 24 x 100	29.3	24	7.245	0.87	0.745
x 90	26.5	24	7.125	0.87	0.625
x 80	23.5	24	7	0.87	0.5
S 20 x 96	28.2	20.3	7.2	0.92	0.8
x 86	25.3	20.3	7.06	0.92	0.66
S 20 x 75	22	20	6.385	0.795	0.635
x 66	19.4	20	6.255	0.795	0.505
S 18 x 70	20.6	18	6.251	0.691	0.711
x 54.7	16.1	18	6.001	0.691	0.461
S 15 x 50	14.7	15	5.64	0.622	0.55
x 42.9	12.6	15	5.501	0.622	0.411
S 12 x 50	14.7	12	5.477	0.659	0.687
x 40.8	12	12	5.252	0.659	0.462
S 12 x 35	10.3	12	5.078	0.544	0.428
x 31.8	9.35	12	5	0.544	0.35
S 10 x 35	10.3	10	4.944	0.491	0.594
x 25.4	7.46	10	4.661	0.491	0.311
S 8 x 23	6.77	8	4.171	0.425	0.441
x 18.4	5.41	8	4.001	0.425	0.271
S 6 x 17.25	5.07	6	3.565	0.359	0.465
x 12.5	3.67	6	3.332	0.359	0.232
S 5 x 10	2.94	5	3.004	0.326	0.214
S 4 x	2.79	4	2.796	0.293	0.326
9.5 x 7.7	2.26	4	2.663	0.293	0.193
S 3 x	2.21	3	2.509	0.26	0.349
7.5 x 5.7	1.67	3	2.33	0.26	0.17