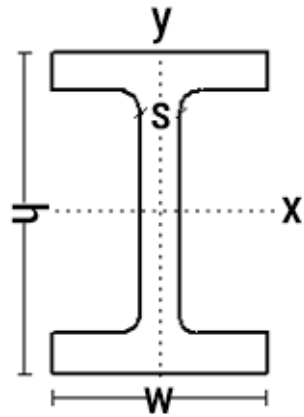


# AMERICAN STANDARD BEAMS - S BEAM



Designation	Dimensions					Static Parameters			
	Depth h (in)	Width w (in)	Web Thickness s (in)	Sectional Area (in <sup>2</sup> )	Weight (lb/ft)	Moment of Inertia		Section Modulus	
Imperial (in x lb/ft)						I <sub>x</sub> (in <sup>4</sup> )	I <sub>y</sub> (in <sup>4</sup> )	W <sub>x</sub> (in <sup>3</sup> )	W <sub>y</sub> (in <sup>3</sup> )
S 24 x 121	24.5	8.050	0.800	35.6	121	3160	83.3	258	20.7
S 24 x 106	24.5	7.780	0.620	31.2	106	2940	77.1	240	19.6
S 24 x 100	24	7.425	0.745	29.3	100	2390	47.7	199	13.2
S 24 x 90	24	7.125	0.625	26.5	90	2250	44.9	187	12.6
S 24 x 80	24	7.000	0.500	23.5	80	2100	42.2	175	12.1
S 20 x 96	20.3	7.200	0.800	28.2	96	1670	50.2	165	13.9
S 20 x 86	20.3	7.060	0.660	25.3	86	1580	46.8	155	13.3
S 20 x 75	20	6.385	0.635	22.0	75	1280	29.8	128	9.32
S 20 x 66	20	6.255	0.505	19.4	66	1190	27.7	119	8.85
S 18 x 70	18	6.251	0.711	20.6	70	926	24.1	103	7.72
S 18 x 54.7	18	6.001	0.461	16.1	54.7	804	20.8	89.4	6.94
S 15 x 50	15	5.640	0.550	14.7	50	486	15.7	64.8	5.57
S 15 x 42.9	15	5.501	0.411	12.6	42.9	447	14.4	59.6	5.23
S 12 x 50	12	5.477	0.687	14.7	50	305	15.7	50.8	5.74
S 12 x 40.8	12	5.252	0.462	12.0	40.8	272	13.6	45.4	5.16
S 12 x 35	12	5.078	0.428	10.3	35	229	9.87	38.2	3.89
S 12 x 31.8	12	5.000	0.350	9.35	31.8	218	9.36	36.4	3.74
S 10 x 35	10	4.944	0.594	10.3	35	147	8.36	29.4	3.38
S 10 x 25.4	10	4.661	0.311	7.46	25.4	124	6.79	24.7	2.91
S 8 x 23	8	4.171	0.441	6.77	23	64.9	4.31	16.2	2.07
S 8 x 18.4	8	4.001	0.271	5.41	18.4	57.6	3.73	14.4	1.86
S 7 x 20	7	3.860	0.450	5.88	20	42.4	3.17	12.1	1.64
S 7 x 15.3	7	3.662	0.252	4.5	15.3	36.7	2.64	10.5	1.44
S 6 x 17.25	6	3.565	0.465	5.07	17.25	26.3	2.31	8.77	1.30
S 6 x 12.5	6	3.332	0.232	3.67	12.5	22.1	1.82	7.37	1.09
S 5 x 14.75	5	3.284	0.494	4.34	14.75	15.2	1.67	6.09	1.01
S 5 x 10	5	3.004	0.214	2.94	10	12.3	1.22	4.92	0.81
S 4 x 9.5	4	2.796	0.326	2.79	9.5	6.79	0.903	3.39	0.65
S 4 x 7.7	4	2.663	0.193	2.26	7.7	6.08	0.764	3.04	0.57
S 3 x 7.5	3	2.509	0.349	2.21	7.5	2.93	0.586	1.95	0.47
S 3 x 5.7	3	2.330	0.170	1.67	5.7	2.52	0.455	1.68	0.39