



Designation	Dimensions					Static Parameters			
	Depth h (in)	Width w (in)	Web Thickness s (in)	Sectional Area (in ²)	Weight (lb/ft)	Moment of Inertia		Section Modulus	
Imperial (in x lb/ft)						I _x (in ⁴)	I _y (in ⁴)	W _x (in ³)	W _y (in ³)
S24x121	24.5	8.050	0.800	35.6	121	3160	83.3	258	20.7
S24x106	24.5	7.780	0.620	31.2	106	2940	77.1	240	19.6
S24x100	24	7.425	0.745	29.3	100	2390	47.7	199	13.2
S24x90	24	7.125	0.625	26.5	90	2250	44.9	187	12.6
S24x80	24	7.000	0.500	23.5	80	2100	42.2	175	12.1
S20x96	20.3	7.200	0.800	28.2	96	1670	50.2	165	13.9
S20x86	20.3	7.060	0.660	25.3	86	1580	46.8	155	13.3
S20x75	20	6.385	0.635	22.0	75	1280	29.8	128	9.32
S20x66	20	6.255	0.505	19.4	66	1190	27.7	119	8.85
S18x70	18	6.251	0.711	20.6	70	926	24.1	103	7.72
S18x54.7	18	6.001	0.461	16.1	54.7	804	20.8	89.4	6.94
S15x50	15	5.640	0.550	14.7	50	486	15.7	64.8	5.57
S15x42.9	15	5.501	0.411	12.6	42.9	447	14.4	59.6	5.23
S12x50	12	5.477	0.687	14.7	50	305	15.7	50.8	5.74
S12x40.8	12	5.252	0.462	12.0	40.8	272	13.6	45.4	5.16
S12x35	12	5.078	0.428	10.3	35	229	9.87	38.2	3.89
S12x31.8	12	5.000	0.350	9.35	31.8	218	9.36	36.4	3.74
S10x35	10	4.944	0.594	10.3	35	147	8.36	29.4	3.38
S10x25.4	10	4.661	0.311	7.46	25.4	124	6.79	24.7	2.91
S8x23	8	4.171	0.441	6.77	23	64.9	4.31	16.2	2.07
S8x18.4	8	4.001	0.271	5.41	18.4	57.6	3.73	14.4	1.86
S7x20	7	3.860	0.450	5.88	20	42.4	3.17	12.1	1.64
S7x15.3	7	3.662	0.252	4.5	15.3	36.7	2.64	10.5	1.44
S6x17.25	6	3.565	0.465	5.07	17.25	26.3	2.31	8.77	1.30
S6x12.5	6	3.332	0.232	3.67	12.5	22.1	1.82	7.37	1.09
S5x14.75	5	3.284	0.494	4.34	14.75	15.2	1.67	6.09	1.01
S5x10	5	3.004	0.214	2.94	10	12.3	1.22	4.92	0.81
S4x9.5	4	2.796	0.326	2.79	9.5	6.79	0.903	3.39	0.65
S4x7.7	4	2.663	0.193	2.26	7.7	6.08	0.764	3.04	0.57
S3x7.5	3	2.509	0.349	2.21	7.5	2.93	0.586	1.95	0.47
S3x5.7	3	2.330	0.170	1.67	5.7	2.52	0.455	1.68	0.39