

**STANDARD BEAMS
ASTM A36 & A992
S SHAPES**

DESIGNATION	WEIGHT PER FOOT	DEPTH (IN.)	THICKNESS OF WEB (IN.)	WIDTH OF FLANGE (IN.)	THICKNESS OF FLANGE (IN.)
S 3 X 5.7	5.7	3	0.17	2.33	0.26
X 7.5	7.5	3	0.349	2.509	0.26
S 4 X 7.7	7.7	4	0.193	2.66	0.293
X 9.5	9.5	4	0.326	2.796	0.293
S 5 X 10	10	5	0.214	3	0.326
X 14.75	14.75	5	0.494	3.284	0.326
S 6 X 12.5	12.5	6	0.232	3.332	0.359
X 17.25	17.25	6	0.465	3.565	0.359
S 7 X 15.3	15.3	7	0.252	3.662	0.392
X 20	20	7	0.45	3.86	0.392
S 8 X 18.4	18.4	8	0.271	4.001	0.425
X 23	23	8	0.441	4.171	0.425
S 10 X 25.4	25.4	10	0.311	4.661	0.491
X 35	35	10	0.594	4.944	0.491
S 12 X 31.8	31.8	12	0.35	5	0.544
X 35	35	12	0.428	5.078	0.544
S 15 X 42.9	42.9	15	0.411	5.501	0.622
X 50	50	15	0.55	5.64	0.622
S 18 X 54.7	54.7	18	0.461	6.001	0.691
X 70	70	18	0.711	6.251	0.691
S 20 X 66	66	20	0.505	6.255	0.795
X 75	75	20	0.635	6.385	0.795
X 86	86	20	0.66	7.06	0.92
X 96	96	20.3	0.8	7.2	0.92
S 24 X 80	80	24	0.5	7	0.87
X 90	90	24	0.625	7.125	0.87
X 100	100	24	0.745	7.245	0.87
X 106	106	24.5	0.62	7.87	1.09
X 121	121	24.5	0.8	8.05	1.09