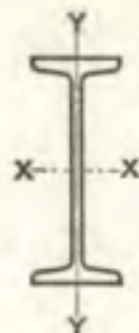




BEAMS
AMERICAN STANDARD
PROPERTIES FOR DESIGNING



Nominal Size	Weight per Foot	Area of Section	Depth of Section	Width of Flange	Web Thick- ness	AXIS X-X			AXIS Y-Y		
						I	S	r	I	S	r
In.	Lb.	In. ²	In.	In.	In.	In. ³	In. ³	In.	In. ³	In. ³	In.
24 x 7 $\frac{7}{8}$	120.0	35.13	24.00	8.048	.798	3010.8	250.9	9.26	84.9	21.1	1.56
	115.0	33.67	24.00	7.987	.737	2940.5	245.0	9.35	82.8	20.7	1.57
	110.0	32.18	24.00	7.925	.675	2869.1	239.1	9.44	80.6	20.3	1.58
	105.9	30.98	24.00	7.875	.625	2811.5	234.3	9.53	78.9	20.0	1.60
24 x 7	100.0	29.25	24.00	7.247	.747	2371.8	197.6	9.05	48.4	13.4	1.29
	95.0	27.79	24.00	7.186	.686	2301.5	191.8	9.08	47.0	13.0	1.30
	90.0	26.30	24.00	7.124	.624	2230.1	185.8	9.21	45.5	12.8	1.32
	85.0	24.84	24.00	7.063	.563	2159.8	180.0	9.33	44.2	12.5	1.33
	79.9	23.33	24.00	7.000	.500	2087.2	173.9	9.46	42.9	12.2	1.36
20 x 7	100.0	29.20	20.00	7.273	.873	1648.3	164.8	7.51	52.4	14.4	1.34
	95.0	27.74	20.00	7.200	.800	1599.7	160.0	7.59	50.5	14.0	1.35
	90.0	26.26	20.00	7.126	.726	1550.3	155.0	7.68	48.7	13.7	1.36
	85.0	24.80	20.00	7.053	.653	1501.7	150.2	7.78	47.0	13.3	1.38
	81.4	23.74	20.00	7.000	.600	1466.3	146.6	7.86	45.8	13.1	1.39
20 x 6 $\frac{1}{4}$	75.0	21.90	20.00	6.391	.641	1263.5	126.3	7.60	30.1	9.4	1.17
	70.0	20.42	20.00	6.317	.567	1214.2	121.4	7.71	28.9	9.2	1.19
	65.4	19.08	20.00	6.250	.500	1169.5	116.9	7.83	27.9	8.9	1.21