



Available Grades: ASTM A572 Gr. 50 and 60, A588 and A690

## Dimensions and Properties

### US Standard

Section Designation	Area	Depth	Web Thickness		Flange		Distance		Elastic Properties						Surface Area Per Linear ft
	A	d	t <sub>w</sub>	t <sub>w</sub> /2	Width b <sub>f</sub>	Thick t <sub>f</sub>	k	k <sub>1</sub>	X-X Axis			Y-Y Axis			
	in. <sup>2</sup>	in.	in.	in.	in.	in.	in.	in.	I <sub>x</sub>	S <sub>x</sub>	r <sub>x</sub>	I <sub>y</sub>	S <sub>y</sub>	r <sub>y</sub>	
HP14x117 x102 x89 x73	34.4	14.21	0.805	0.403	14.885	0.805	1.5000	1.0625	1220	172	5.96	443	59.5	3.59	7.10
	30.0	14.01	0.705	0.353	14.785	0.705	1.3750	1.0000	1050	150	5.92	380	51.4	3.56	7.05
	26.1	13.83	0.615	0.308	14.695	0.615	1.3125	0.9375	904	131	5.88	326	44.3	3.53	7.00
	21.4	13.61	0.505	0.253	14.585	0.505	1.1875	0.8750	729	107	5.84	261	35.8	3.49	6.95
HP12x84 x74 x63 x53	24.6	12.28	0.685	0.343	12.295	0.685	1.3750	1.0000	650	106	5.14	213	34.6	2.94	5.93
	21.8	12.13	0.605	0.303	12.215	0.610	1.3125	0.9375	569	93.8	5.11	186	30.4	2.92	5.89
	18.4	11.94	0.515	0.258	12.125	0.515	1.2500	0.8750	472	79.1	5.06	153	25.3	2.88	5.85
	15.5	11.78	0.435	0.218	12.045	0.435	1.1250	0.8750	393	66.8	5.03	127	21.1	2.86	5.81
HP10x57 x42	16.8	9.99	0.565	0.283	10.225	0.565	1.1875	0.8125	294	58.8	4.18	101	19.7	2.45	4.89
	12.4	9.70	0.415	0.208	10.075	0.420	1.0625	0.7500	210	43.4	4.13	71.7	14.2	2.41	4.82
HP8x36	10.6	8.02	0.445	0.223	8.155	0.445	0.9375	0.6250	119	29.8	3.36	40.3	9.88	1.95	3.89