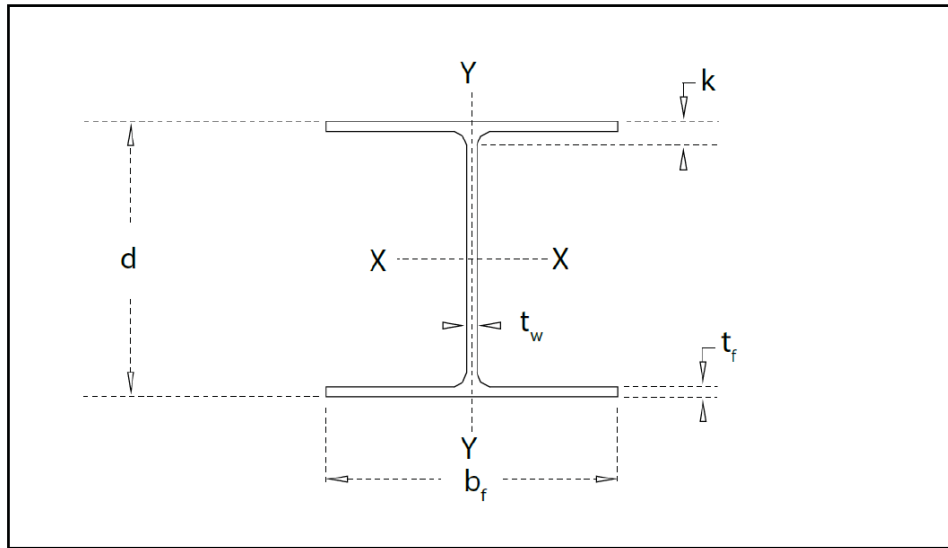


# H - Pile



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

## Dimensions and Properties

U.S. Standard

Section Designation	Area	Depth	Web Thickness		Flange		Elastic Properties						Surface Area per Linear Foot
					Width	Thick	X-X Axis			Y-Y Axis			
	A	d	$t_w$	$t_w/2$	$b_f$	$t_f$	$I_x$	$S_x$	$r_x$	$I_y$	$S_y$	$r_y$	
	in <sup>2</sup>	in	in	in	in	in	in <sup>4</sup>	in <sup>3</sup>	in	in <sup>4</sup>	in <sup>3</sup>	in	ft <sup>2</sup> /ft
HP14x117	34.4	14.21	0.805	0.403	14.885	0.805	1220	172	5.96	443	59.5	3.59	7.10
x102	30.0	14.01	0.705	0.353	14.785	0.705	1050	150	5.92	380	51.4	3.56	7.05
x89	26.1	13.83	0.615	0.308	14.695	0.615	904	131	5.88	326	44.3	3.53	7.00
x73	21.4	13.61	0.505	0.253	14.585	0.505	729	107	5.84	261	35.8	3.49	6.95
HP12x84	24.6	12.28	0.685	0.343	12.295	0.685	650	106	5.14	213	34.6	2.94	5.93
x74	21.8	12.13	0.605	0.303	12.215	0.610	569	93.8	5.11	186	30.4	2.92	5.89
x63	18.4	11.94	0.515	0.258	12.125	0.515	472	79.1	5.06	153	25.3	2.88	5.85
x53	15.5	11.78	0.435	0.218	12.045	0.435	393	66.8	5.03	127	21.1	2.86	5.81
HP10x57	16.8	9.99	0.565	0.283	10.225	0.565	294	58.8	4.18	101	19.7	2.45	4.89
x42	12.4	9.70	0.415	0.208	10.075	0.420	210	43.4	4.13	71.7	14.2	2.41	4.82