



SECTION	Weight lb/ft kg/m	Area in ² cm ²	Depth d in mm	THICKNESS				Coating Area ft ² /ft m ² /m	PROPERTIES							
				Flange Width b in mm	Flange (t _f) in mm	Web (t _w) in mm	AXIS X-X				AXIS Y-Y					
							I in ⁴ cm ⁴		S in ³ cm ³	Z in ³ cm ³	r in cm	I in ⁴ cm ⁴	S in ³ cm ³	Z in ³ cm ³	r in cm	
HP 8 HP 200	36	10.6	8.02	8.16	0.445	0.445	3.92	119	29.8	33.6	3.36	40.3	9.88	15.2	1.95	
	54	68.4	204	207	11.3	11.3	1.21	4980	488	552	8.53	1670	162	249	4.95	
HP 10 HP 250	42	12.4	9.70	10.10	0.420	0.415	4.83	210	43.4	48.3	4.13	71.7	14.2	21.8	2.41	
	62	79.8	246	256	10.7	10.5	1.50	8750	711	792	10.5	3000	234	358	6.13	
	57	16.7	9.99	10.20	0.565	0.565	4.91	294	58.8	66.5	4.18	101	19.7	30.3	2.45	
	85	109.0	254	259	14.4	14.4	1.50	12300	968	1090	10.6	4230	325	500	6.23	
	53	15.5	11.80	12.00	0.435	0.435	5.82	393	66.7	74.0	5.03	127	21.1	32.2	2.86	
	79	99.8	299	306	11.0	11.0	1.80	16300	1090	1210	12.8	5260	344	525	7.26	
	63	18.4	11.90	12.10	0.515	0.515	5.86	472	79.1	88.3	5.06	153	25.3	38.7	2.88	
	94	119.0	303	308	13.1	13.1	1.81	19600	1300	1450	12.9	6390	415	635	7.33	
	74	21.8	12.10	12.20	0.610	0.605	5.91	569	93.8	105	5.11	186	30.4	46.6	2.92	
	110	141.0	308	310	15.5	15.4	1.83	23700	1540	1730	13.0	7710	497	763	7.40	
HP 12 HP 310	84	24.6	12.30	12.30	0.685	0.685	5.97	650	106	120	5.14	213	34.6	53.2	2.94	
	125	159.0	312	312	17.4	17.4	1.84	27000	1730	1960	13.0	8820	566	870	7.45	
	89	25.9	12.36	12.32	0.720	0.720	6.04	689	111.6	126.3	5.16	225	36.5	56.2	2.94	
	132	167	314	313	18.3	18.3	1.84	28700	1830	2070	13.1	9370	599	922	7.48	
	102	29.9	12.56	12.64	0.819	0.819	6.17	811	129.3	147.6	5.20	276	43.7	67.1	3.04	
	152	193	319	321	20.8	20.8	1.88	33800	2120	2420	13.2	11500	716	1100	7.71	
	117	34.4	12.76	12.87	0.929	0.929	6.26	946	148.2	170.8	5.24	331	51.4	79.3	3.11	
	174	222	324	327	23.6	23.6	1.91	39400	2430	2800	13.3	13800	843	1300	7.89	
	73	21.4	13.60	14.60	0.505	0.505	6.96	729	107	118	5.84	261	35.8	54.6	3.49	
	108	138	346	370	12.8	12.8	2.15	30300	1750	1940	14.8	10800	585	891	8.86	
HP 14 HP 360	89	26.1	13.80	14.70	0.615	0.615	7.02	904	131	146	5.88	326	44.3	67.7	3.53	
	132	168	351	373	15.6	15.6	2.16	37500	2140	2380	14.9	13500	724	1110	8.96	
	102	30.1	14.00	14.80	0.705	0.705	7.06	1050	150	169	5.92	380	51.4	78.8	3.56	
	152	194	356	376	17.9	17.9	2.18	43900	2470	2770	15.0	15900	845	1290	9.05	
	117	34.4	14.20	14.90	0.805	0.805	7.12	1220	172	194	5.96	443	59.5	91.4	3.59	
	174	222	361	378	20.4	20.4	2.19	50800	2820	3180	15.2	18400	973	1490	9.11	
	88	25.8	15.30	15.70	0.540	0.540	7.52	1110	145	161	6.56	349	44.5	68.2	3.68	
	131	167	389	399	13.7	13.7	2.29	46201	2376	2638.3	16.7	14526	729	1117.6	9.35	
	101	29.9	15.50	15.80	0.625	0.625	7.56	1300	168	187	6.59	412	52.2	80.1	3.71	
	150	193	394	401	15.9	15.9	2.30	54110	2753	3064.4	16.7	17149	855	1312.6	9.42	
HP 16 HP 410	121	35.8	15.80	15.90	0.750	0.750	7.62	1590	201	226	6.66	504	63.4	97.6	3.75	
	180	231	401	404	19.1	19.1	2.32	66180	3294	3703.5	16.9	20978	1039	1599.4	9.53	
	141	41.7	16.00	16.00	0.875	0.875	7.69	1870	234	264	6.70	599	74.9	116	3.79	
	210	269	406	406	22.2	22.2	2.34	77835	3835	4326.2	17.0	24932	1227	1900.9	9.63	
	162	47.7	16.30	16.10	1.000	1.000	7.75	2190	269	306	6.78	697	86.6	134	3.82	
	241	308	414	409	25.4	25.4	2.36	91154	4408	5014.4	17.2	29011	1419	2195.9	9.70	
	183	54.1	16.50	16.30	1.130	1.130	7.81	2510	304	349	6.81	818	100.0	156	3.89	
	272	349	419	414	28.7	28.7	2.38	104473	4982	5719.1	17.3	34047	1639	2556.4	9.88	
	135	39.9	17.50	17.80	0.750	0.750	8.54	2200	251	281	7.43	706	79.3	122	4.21	
	201	257	445	452	19.1	19.1	2.60	91570	4113	4604.7	18.9	29386	1299	1999.2	10.7	
HP 18 HP 460	157	46.2	17.70	17.90	0.870	0.870	8.60	2570	290	327	7.46	833	93.1	143	4.25	
	234	298	450	455	22.1	22.1	2.62	106971	4752	5358.5	18.9	34672	1526	2343.3	10.8	
	181	53.2	18.00	18.00	1.000	1.000	8.66	3020	336	379	7.53	974	108.0	167	4.28	
	269	343	457	457	25.4	25.4	2.64	125701	5506	6210.7	19.1	40541	1770	2736.6	10.9	
	204	60.2	18.30	18.10	1.130	1.130	8.73	3480	380	433	7.60	1120	124.0	191	4.31	
	304	388	465	460	28.7	28.7	2.66	144847	6227	7095.6	19.3	46618	2032	3129.9	11.0	

AVAILABLE STEEL GRADES

AMERICAN			CANADIAN		
ASTM	YIELD STRENGTH		CSA G40.21	YIELD STRENGTH	
	ksi	MPa		ksi	MPa
A36	36	250	Grade 300 W	44	300
A572 Grade 50	50	345	Grade 350 W	50	350
A572 Grade 60	60	415			
A588	50	345			
A690	50	345			
A709	50	345			
A913	50-80*	345-550			

Highlighted fields represent the most commonly used and readily available steel grades. * Inquire for availability.

SPLICER AND H-PILE POINT



Splicer



H-Pile Point

DELIVERY CONDITIONS & TOLERANCES

	ASTM A6	
Mass	± 2.5%	
Length [§]		
30 ft. and Under	± 0.375 in.	
Over 30 ft.	+ (0.375 in. + (length - 30)/80)	- 0.375 in.
Depth	± 0.125 in.	- 0.1875 in.
Flange Width	+ 0.25 in.	
Flanges out of Square		
HP 8 x 42 - HP 12 x 84	≤ 0.25 in.	
HP 14 x 73 - HP 14 x 117	≤ 0.3125 in.	
Web off Center	≤ 0.1875 in.	
Greatest Depth over Theoretical	≤ 0.25 in.	
Camber and Sweep***		
45 ft. and Under	(0.125")(Length in ft./10) but not over 0.375"	
Over 45 ft.	(0.375") + (0.125" (Length in ft. - 45)/10)	

[§]For HP ordered as bearing piles, length tolerances are +5 in. and -0 in.

***For the HP 10 x 42, 12 x 53, 12 x 63, 14 x 73, and 14 x 89 ordered as columns, tolerances are subject to negotiation with manufacturer.

MAXIMUM ROLLED LENGTHS[†]

H-pile	130 ft.	39.6 m
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[†] Longer lengths may be possible upon request.