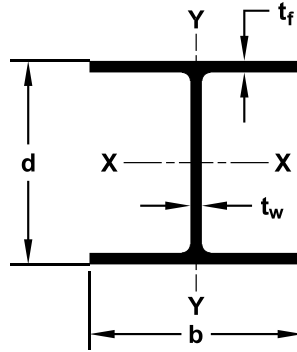


HP

Steel H-Pile



skylinesteel I



SECTION	Weight lb/ft (kg/m)	Area in ² (cm ²)	Depth d in (mm)	Flange Width b in (mm)	THICKNESS		Coating Area ft ² /ft (m ² /m)	ELASTIC PROPERTIES					
					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)	r in (cm)	I in ⁴ (cm ⁴)	S in ³ (cm ³)	r in (cm)
HP 8 HP 200	36	10.6	8.02	8.155	0.445	0.445	3.92	119	29.8	3.36	40.3	9.88	1.95
	54	68.4	204	207	11.3	11.3	1.19	4950	487	8.53	1680	162	4.60
HP 10 HP 250	42	12.4	9.70	10.075	0.420	0.415	4.83	210	43.4	4.13	71.7	14.2	2.41
	63	80.0	246	256	10.7	10.5	1.47	8740	711	10.5	2980	233	6.12
HP 12 HP 310	57	16.8	9.99	10.225	0.565	0.565	4.91	294	58.8	4.18	101	19.7	2.45
	85	108	254	260	14.4	14.4	1.50	12200	969	10.6	4200	323	6.22
	53	15.5	11.78	12.045	0.435	0.435	5.82	393	66.9	5.03	127	21.1	2.86
	79	100	299	306	11.0	11.0	1.77	16400	1090	12.08	5290	346	7.26
HP 14 HP 360	63	18.4	11.94	12.125	0.515	0.515	5.86	472	79.1	5.06	153	25.3	2.88
	94	119	303	308	13.1	13.1	1.79	19600	1290	12.9	6370	415	7.32
	74	21.8	12.13	12.215	0.610	0.605	5.91	569	93.8	5.11	186	30.4	2.92
	110	141	308	310	15.5	15.4	1.80	23700	1530	13.0	7740	498	7.42
HP 16 HP 410	84	24.6	12.28	12.295	0.685	0.685	5.97	650	106	5.14	213	34.6	2.94
	125	159	312	312	17.4	17.4	1.82	27100	1730	13.1	8870	567	7.47
	73	21.4	13.61	14.585	0.505	0.505	6.96	729	107	5.84	261	35.8	3.49
	109	138	346	370	12.8	12.8	2.12	30300	1770	14.8	10900	587	8.86
HP 18 HP 460	89	26.1	13.83	14.695	0.615	0.615	7.02	904	131	5.88	326	44.3	3.53
	132	168	351	373	15.6	15.6	2.14	37600	2150	14.9	13600	726	8.97
	102	30	14.01	14.785	0.705	0.705	7.06	1050	150	5.92	380	51.4	3.56
	152	194	356	376	17.9	17.9	2.15	43700	2480	15.0	15800	842	9.04
HP 20 HP 480	117	34.4	14.21	14.885	0.805	0.805	7.12	1220	172	5.96	443	59.5	3.59
	174	222	361	378	20.4	20.4	2.17	50800	2830	15.1	18400	975	9.12
	88	25.8	15.33	15.665	0.540	0.540	7.52	1112	145	6.56	347	44.0	3.66
	131	167	389	398	13.7	13.7	2.29	46295	2378	16.7	14425	725	9.31
	101	29.8	15.50	15.750	0.625	0.625	7.56	1297	167	6.60	408	52.1	3.70
	151	192	394	400	15.9	15.9	2.30	53978	2742	16.8	16971	848	9.40
	121	35.7	15.75	15.875	0.750	0.750	7.62	1578	200	6.65	501	63.1	3.75
181	230	400	403	19.1	19.1	2.32	65675	3283	16.9	20859	1035	9.52	
HP 22 HP 500	141	41.7	16.00	16.000	0.875	0.875	7.69	1871	234	6.70	599	75.2	3.79
	211	269	406	406	22.2	22.2	2.34	77859	3832	17.0	24923	1227	9.63
	162	47.7	16.25	16.125	1.000	1.000	7.75	2175	268	6.75	701	87.0	3.83
	242	308	413	410	25.4	25.4	2.36	90542	4387	17.2	29167	1424	9.74
	183	53.8	16.50	16.250	1.125	1.125	7.81	2492	302	6.81	807	99.0	3.87
	272	347	419	413	28.6	28.6	2.38	103738	4951	17.3	33595	1628	9.84
	135	39.8	17.50	17.750	0.750	0.750	8.54	2196	251	7.43	700	78.8	4.19
202	257	445	451	19.1	19.1	2.60	91423	4114	18.9	29143	1293	10.7	
HP 24 HP 550	157	46.2	17.74	17.870	0.870	0.870	8.60	2583	291	7.48	829	93.0	4.24
	234	298	451	454	22.1	22.1	2.62	107516	4772	19.0	34512	1521	10.8
	181	53.2	18.00	18.000	1.000	1.000	8.66	3017	335	7.53	974	108.1	4.28
	269	343	457	457	25.4	25.4	2.64	125579	5493	19.1	40545	1774	10.9
HP 26 HP 600	204	60.0	18.25	18.125	1.125	1.125	8.73	3450	378	7.58	1119	123.0	4.32
	304	387	464	460	28.6	28.6	2.66	143598	6196	19.3	46585	2024	11.0

HP

Steel H-Pile

Available Steel Grades								
AMERICAN			CANADIAN			EUROPEAN**		
ASTM	YIELD STRENGTH		CSA G40.21	YIELD STRENGTH		EN 10034	YIELD STRENGTH	
	(ksi)	(MPa)		(ksi)	(MPa)		(ksi)	(MPa)
A 36	36	250	Grade 300 W	44	300	HISTAR 355	51	355
A 572 Grade 50*	50	345	Grade 350 W	50	350	HISTAR 420	61	420
A 588	50	345				HISTAR 460	67	460
A 690	50	345						

* Standard grade for H-Pile.

**HISTAR only available in some sizes.

Splicer and Cutting Shoe



Splicer



HP Point

Delivery Conditions & Tolerances

	ASTM A 6	
Mass	± 2.5%	
Length		
30 Feet and Under	± 0.375 inches	
Over 30 Feet	+ (0.375 inches + (Length in Feet - 30)/80)	- 0.375 inches
Depth	± 0.125 inches	
Flange Width	+ 0.25 inches	- 0.1875 inches
Flanges out of Square		
HP 8 x 36 - HP 12 x 84	≤ 0.25 inches	
HP 14 x 73 - HP 18 x 204	≤ 0.3125 inches	
Web off Center	≤ 0.1875 inches	
Greatest Depth over Theoretical	≤ 0.25 inches	
Camber and Sweep***		
45 Feet and Under	(0.125 inches)(Length in Feet/10) but not over 0.375 inches	
Over 45 Feet	(0.375 inches) + (0.125 inches (Length in Feet - 45)/10)	

***For the HP 10 x 42, 12 x 53, 12 x 63, 14 x 73, 14 x 89, and all 16 and 18 inch sections tolerances are subject to negotiation with manufacturer.

Maximum Rolled Lengths†

HP's	100 feet
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† Longer lengths may be possible upon request.