

R.W. CONKLINSTEEL

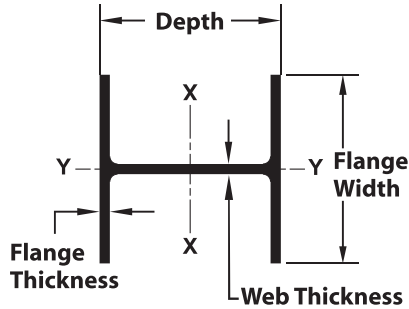
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H-PILE Specifications



H-Piling is used in a variety of construction projects including, heavy highway, public works, marine, industrial, and more. We stock a wide variety of domestically produced H-Pile available in single lengths or multiple truckloads. H-Pile is available in 8, 10, 12, 14, 16 and 18-inch sections, and in lengths over 100 feet.

SECTION SIZE

SECTION SIZE	THICKNESS							ELASTIC PROPERTIES					
	WEIGHT	AREA	DEPTH	FLANGE WIDTH	FLANGE	WEB	COATING AREA	AXIS X-X			AXIS Y-Y		
	lb/ft (kg/m)	in ² (cm ²)	in (mm)	in (mm)	in (mm)	in (mm)	ft ² /ft (m ² /m)	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 mm	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	50	488	85	17	162	49.5
HP 10" HP 250 mm	42	12.4	9.70	10.075	0.420	0.415	4.83	210	43.4	4.13	71.7	14.2	2.41
	62	80.0	246	256	10.7	10.5	1.47	87	711	105	30	233	61.2
HP 12" HP 310 mm	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	122	964	106	42	323	62.2
	53	15.5	11.78	12.045	0.435	0.435	5.82	393	66.7	5.03	127	21.1	2.86
	79	100	299	306	11.0	11.0	1.77	164	1093	128	53	346	72.6
HP 14" HP 360 mm	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	196	1296	129	64	415	73.2
	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	237	1537	130	77	498	74.2
HP 16" HP 410 mm	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	271	1737	131	89	567	74.7
	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	303	1753	148	109	587	88.6
HP 18" HP 460 mm	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	376	2147	149	136	726	89.7
	102	30.0	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	437	2458	150	158	842	90.4
HP 16" HP 410 mm	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	508	2819	151	184	975	91.2
	88	25.8	15.33	15.665	0.540	0.540	7.52	1110	145	6.56	349	44.5	3.68
	131	167	389	398	13.7	13.7	2.29	462	2376	167	145	729	93.5
	101	29.8	15.50	15.750	0.625	0.625	7.56	1300	168	6.59	412	52.2	3.71
	151	192	394	400	15.9	15.9	2.30	541	2753	167	171	855	94.2
	121	35.7	15.75	15.875	0.750	0.750	7.62	1590	201	6.66	504	63.4	3.75
	181	230	400	403	19.1	19.1	2.32	662	3294	169	210	1039	95.3
HP 16" HP 410 mm	141	41.7	16.00	16.000	0.875	0.875	7.69	1870	234	6.70	599	74.9	3.79
	211	269	406	406	22.2	22.2	2.34	778	3835	170	249	1227	96.3
	162	47.7	16.25	16.125	1.000	1.000	7.75	2190	269	6.78	697	86.6	3.82
	242	308	413	410	25.4	25.4	2.36	912	4408	172	290	1419	97.0
HP 18" HP 460 mm	183	53.8	16.50	16.250	1.125	1.125	7.81	22510	304	6.81	818	100.0	3.89
	272	347	419	413	28.6	28.6	2.38	1045	4982	173	340	1639	98.8
	135	39.8	17.50	17.750	0.750	0.750	8.54	2200	251	7.43	706	79.3	4.21
	202	257	445	451	19.1	19.1	2.60	916	4113	189	294	1299	106.9
HP 18" HP 460 mm	157	46.2	17.74	17.870	0.870	0.870	8.60	2570	290	7.46	833	93.1	4.25
	234	298	451	454	22.1	22.1	2.62	1070	4775	189	347	1526	108.0
	181	53.2	18.00	18.000	1.000	1.000	8.66	3020	336	7.53	974	108.0	4.28
	269	343	457	457	25.4	25.4	2.64	1257	5506	191	405	1770	108.7
HP 18" HP 460 mm	204	60.0	18.25	18.125	1.125	1.125	8.73	3480	380	7.60	1120	124.0	4.31
	304	387	464	460	28.6	28.6	2.66	1448	6227	193	466	2032	109.5

All calculations and information should be double-checked by a qualified engineer.