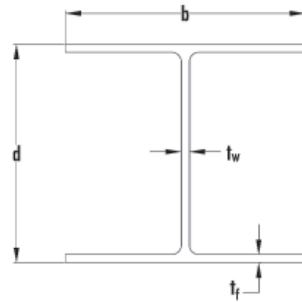


# HP BEARING PILES

ASTM A572 Grade 50 Steel



Section	Pile Weight lbs/lin ft. (kg/lin m)	Area in <sup>2</sup> (mm <sup>2</sup> )	Depth d in (mm)	Flange Width b in (mm)	Thickness		Axis X-X				Axis Y-Y			
					Flange (t <sub>f</sub> ) in (mm)	Width (t <sub>w</sub> ) in (mm)	I <sub>x</sub> in <sup>4</sup> (cm <sup>4</sup> )	S <sub>x</sub> in <sup>3</sup> (cm <sup>3</sup> )	r <sub>x</sub> in <sup>3</sup> (cm <sup>3</sup> )	Z <sub>x</sub> in <sup>2</sup> (cm <sup>2</sup> )	I <sub>y</sub> in <sup>4</sup> (cm <sup>4</sup> )	S <sub>y</sub> in <sup>3</sup> (cm <sup>3</sup> )	r <sub>y</sub> in <sup>2</sup> (cm <sup>2</sup> )	Z <sub>y</sub> in (cm)
<b>HP8 (HP 200)</b>	36 (54)	10.6 (68.4)	8.02 (204)	8.16 (207)	0.445 (11.3)	0.445 (11.3)	119 (4953)	29.8 (488)	33.6 (550.6)	3.36 (8.53)	40.3 (1677)	9.88 (162)	15.2 (249.1)	1.95 (4.95)
<b>HP10 (HP250)</b>	42 (63)	12.4 (80.0)	9.7 (246)	10.10 (257)	0.420 (10.7)	0.415 (10.5)	210 (8741)	43.4 (711)	48.3 (791.5)	4.13 (10.5)	71.7 (2984)	14.2 (233)	21.8 (357.2)	2.41 (6.12)
	57 (85)	16.7 (108)	9.99 (254)	10.20 (259)	0.565 (14.4)	0.565 (14.4)	294 (2237)	58.8 (964)	66.5 (1089.7)	4.18 (10.6)	101 (4204)	19.7 (323)	30.3 (496.5)	2.45 (6.22)
<b>HP12</b>	53 (79)	15.5 (100)	11.80 (300)	12.00 (305)	0.435 (11.0)	0.435 (11.0)	393 (16358)	66.7 (1093)	74.0 (1212.6)	5.03 (12.8)	127 (5286)	21.1 (346)	32.2 (527.7)	2.86 (7.26)
	63 (94)	18.4 (119)	11.90 (302)	12.10 (307)	0.515 (13.1)	0.515 (13.1)	472 (19646)	79.1 (1296)	88.3 (1447.0)	5.06 (12.9)	153 (6368)	25.3 (415)	38.7 (634.2)	2.88 (7.32)
	74 (110)	21.8 (141)	12.10 (307)	12.20 (310)	0.610 (15.5)	0.605 (15.4)	569 (23683)	93.8 (1537)	105 (1720.6)	5.11 (13.0)	186 (7742)	30.4 (498)	46.6 (763.6)	2.92 (7.42)
	84 (125)	24.6 (159)	12.30 (312)	12.30 (312)	0.685 (17.4)	0.685 (17.4)	650 (27055)	106 (1737)	120 (1966.4)	5.14 (13.1)	213 (8866)	34.6 (567)	53.2 (871.8)	2.94 (7.47)
	89 (132)	25.9 (167)	12.36 (314)	12.32 (313)	0.720 (18.3)	0.720 (18.3)	689 (28700)	111.6 (1830)	126.3 (2070)	5.16 (13.1)	225 (9370)	36.5 (599)	56.2 (922)	2.94 (7.48)
	102 (152)	29.9 (193)	12.56 (319)	12.64 (321)	0.819 (20.8)	0.819 (20.8)	811 (33800)	129.3 (2120)	147.6 (2420)	5.20 (13.2)	276 (11500)	43.7 (716)	67.1 (1100)	3.04 (7.71)
	117 (174)	34.4 (222)	12.76 (324)	12.87 (327)	0.929 (23.6)	0.929 (23.6)	946 (39400)	148.2 (2430)	170.8 (2800)	5.24 (13.3)	331 (13800)	51.4 (843)	79.3 (1300)	3.11 (7.89)
<b>HP14 (HP160)</b>	73 (109)	21.4 (138)	13.60 (345)	14.60 (371)	0.505 (12.8)	0.505 (12.8)	729 (30343)	107 (1753)	118 (1933.7)	5.84 (14.8)	261 (10864)	35.8 (587)	54.6 (894.7)	3.49 (8.86)
	89 (132)	26.1 (168)	13.80 (351)	14.70 (373)	0.615 (15.6)	0.615 (15.6)	904 (37627)	131 (2147)	146 (2392.5)	5.88 (14.9)	326 (13569)	44.3 (726)	67.7 (1109.4)	3.53 (8.97)
	102 (152)	30.1 (194)	14.00 (356)	14.80 (376)	0.705 (17.9)	0.705 (17.9)	1050 (43704)	150 (2458)	169 (2769.4)	5.92 (15.0)	380 (15817)	51.4 (842)	78.8 (1291.3)	3.56 (9.04)
	117 (174)	34.4 (222)	14.20 (361)	14.90 (378)	0.805 (20.4)	0.805 (20.4)	1220 (50780)	172 (2819)	194 (3179.1)	5.96 (15.1)	443 (18439)	59.5 (975)	91.4 (1497.8)	3.59 (9.12)

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