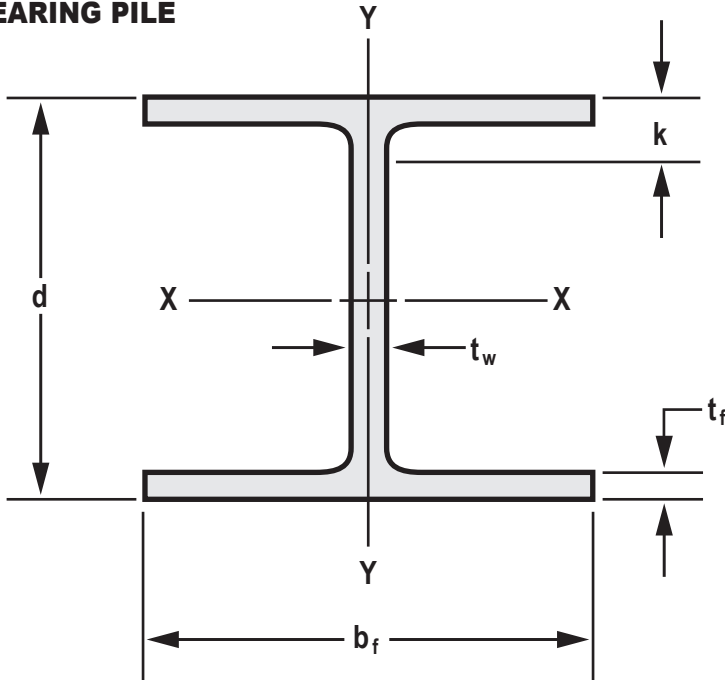


H BEARING PILE

MANHATTAN STEEL SUPPLY
201-795-4060



H BEARING PILE



Available Grades

- A572 Gr 50
- A588
- A690 Marine Grade

Accessories

- H-Bearing Pile Hard Bite Points
- Splicers

Coatings

- Galvanizing per ASTM 123
- Epoxy Paint

H BEARING PILE

MANHATTAN STEEL SUPPLY
201-795-4060



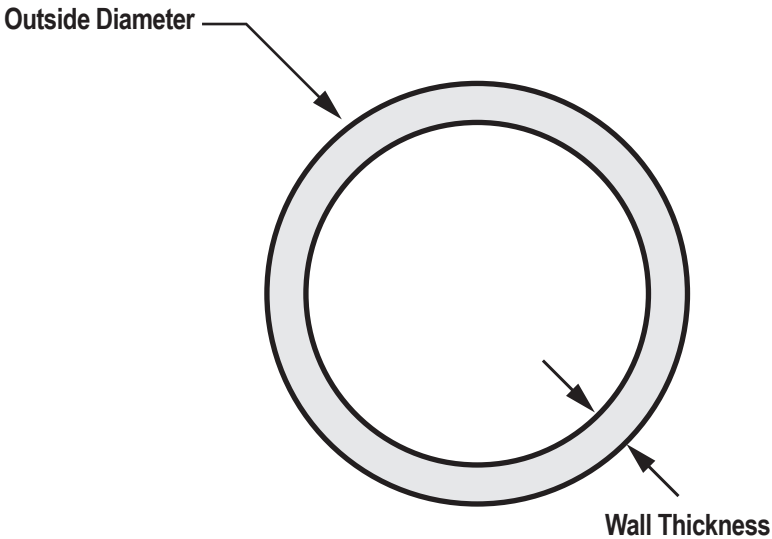
Section	Lbs. Per Ft.	Area		Depth		Flange		Web Thickness		Distance		Elastic Properties						Surface Area per Linear ft. ft ² / ft
		A (in ²)	d (in)	Width bf (in)	Thickness tf (in)	t _w (in)	t _w /2 (in)	k (in)	k ₁ (in)	X-X Axis			Y-Y Axis					
										I _x (in ⁴)	S _x (in ³)	r _x (in)	I _y (in ⁴)	S _y (in ³)	r _y (in)			
HP14	117	34.4	14.21	14.885	0.805	0.805	0.403	1.5000	1.0625	172	5.96	443	59.5	3.59	7.10			
	102	30.0	14.01	14.785	0.705	0.353	1.3750	1.0000	1050	150	5.92	380	51.4	3.56	7.05			
	89	26.1	13.83	14.695	0.615	0.308	1.3125	0.9375	904	131	5.88	326	44.3	3.53	7.00			
	73	21.4	13.61	14.585	0.505	0.253	1.1875	0.8750	729	107	5.84	261	35.8	3.49	6.95			
HP12	84	24.6	12.28	12.295	0.685	0.343	1.3750	1.0000	650	106	5.14	213	34.6	2.94	5.93			
	74	21.8	12.13	12.215	0.610	0.303	1.3125	0.9375	569	93.8	5.11	186	30.4	2.92	5.89			
	63	18.4	11.94	12.125	0.515	0.258	1.2500	0.8750	472	79.1	5.06	153	25.3	2.88	5.85			
	53	15.5	11.78	12.045	0.435	0.218	1.1250	0.8750	393	66.8	5.03	127	21.1	2.86	5.81			
HP10	57	16.8	9.99	10.225	0.565	0.283	1.1875	0.8125	294	58.8	4.18	101	19.7	2.45	4.89			
	42	12.4	9.70	10.075	0.420	0.208	1.0625	0.7500	210	43.4	4.13	71.7	14.2	2.41	4.82			
HP8	36	10.6	8.02	8.155	0.455	0.233	0.9375	0.6250	119	29.8	3.36	40.3	9.88	1.95	3.89			

PIPE PILING

MANHATTAN STEEL SUPPLY
201-795-4060



PIPE PILING



Available Grades

- A252 Gr 2 and Gr 3 ERW Pipe

Accessories

- Conical Points
- Welded on End Plates
- Backing Rings

Coatings

- Galvanizing per ASTM 123
- Epoxy Paint

PIPE PILING

MANHATTAN STEEL SUPPLY
201-795-4060



Outside Diameter (in.)	Wall Thickness (in.)	Pounds per Ft.
8.625	0.188	16.96
	0.219	19.68
	0.250	22.38
	0.312	27.73
	0.375	33.07
	0.438	38.33
	0.500	43.43
10.75	0.188	21.23
	0.219	24.65
	0.250	28.06
	0.312	34.81
	0.375	41.59
	0.438	48.28
	0.500	54.79
12.75	0.188	25.25
	0.219	29.34
	0.250	33.41
	0.312	41.48
	0.375	49.61
	0.438	57.65
	0.500	65.48
14	0.188	27.76
	0.219	32.26
	0.250	36.75
	0.312	45.65

PIPE PILING

MANHATTAN STEEL SUPPLY
201-795-4060



Outside Diameter (in.)	Wall Thickness (in.)	Pounds per Ft.
14	0.375	54.62
	0.438	63.50
	0.500	72.16
16	0.188	31.78
	0.219	36.95
	0.250	42.09
	0.312	52.32
	0.375	62.64
	0.438	72.86
	0.500	82.85
	0.625	102.72
18	0.219	41.63
	0.250	47.44
	0.312	58.99
	0.375	70.65
	0.438	82.23
	0.500	93.54
	0.625	116.09
20	0.250	52.78
	0.312	65.66
	0.375	78.67
	0.438	91.59
	0.500	104.23
	0.625	129.45

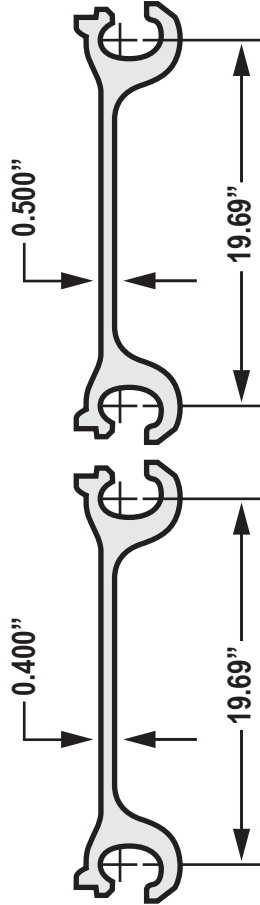
FLAT SECTION PILE

MANHATTAN STEEL SUPPLY
201-795-4060



FLAT SECTION

Section	Width		Web Thickness		Weight		Moment of Inertia		Section Modulus		Nominal Coating Area	
	in (mm)	in (mm)	in (mm)	in (mm)	lb/ft (kg/lm)	lb/ft ² (kg/lm ²)	in ⁴ (cm ⁴)	in ⁴ /wft (cm ⁴ /wm)	in ³ (cm ³)	in ³ /wft (cm ³ /wm)	ft ² /ft (m ² /lm)	ft ² /ft (m ² /lm)
PS27.5	19.69 (500)	19.69 (500)	0.400 (10.2)	0.400 (10.2)	45.1 (67.2)	27.5 (134.5)	5.0 (208)	3.0 (416)	3.2 (5.2)	1.9 (10.4)	3.68 (1.12)	3.68 (1.12)
PS31	19.69 (500)	19.69 (500)	0.500 (12.7)	0.500 (12.7)	50.9 (75.8)	31.0 (151.5)	5.0 (208)	3.0 (416)	3.2 (5.2)	1.9 (10.4)	3.68 (1.12)	3.68 (1.12)



PS 31.0

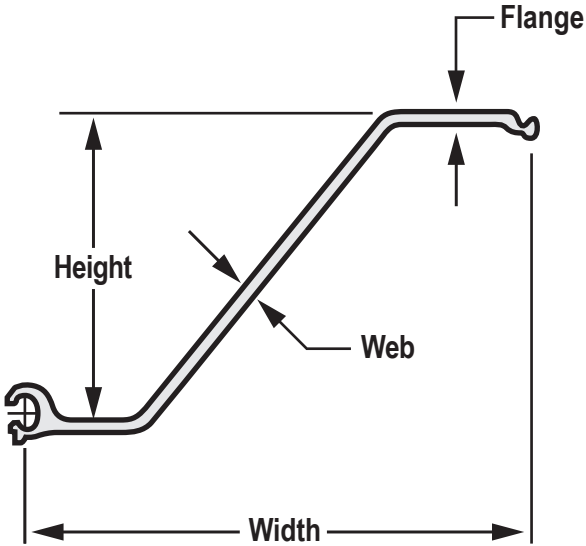
PS 27.5

SHEET PILING

MANHATTAN STEEL SUPPLY
201-795-4060



SHEET PILING



Available Grades

- A572 Gr 50
- A588
- A690 Marine Grade

SHEET PILING

MANHATTAN STEEL SUPPLY
201-795-4060



Section	Width	Height	Web Thickness	Flange Thickness	Weight		Moment of Inertia	Section Modulus	Nominal Coating Area
	in (mm)	in (mm)	in (mm)	in (mm)	lb/ft (kg/m)	lb/ft ² (kg/m ²)	in ⁴ (cm ⁴)	in ³ (cm ³)	ft ² /ft (m ² /lm)
PZ 22	22 (559)	9.0 (229)	.375 (9.50)	.375 (9.50)	40.3 (60.0)	22.0 (107.4)	84.38 (11500)	18.1 (973)	4.48 (1.37)
PZ 27	18 (457)	12 (305)	.375 (9.50)	.375 (9.50)	40.5 (60.3)	27.0 (131.8)	184.20 (25200)	30.2 (1620)	4.48 (1.37)
PZ 35	22.6 (575)	14.9 (378)	.500 (12.67)	.600 (15.21)	66.0 (98.2)	35.0 (170.9)	361.22 (49300)	48.5 (2608)	5.37 (1.64)
PZ 40	19.7 (500)	16.1 (409)	.500 (12.67)	.600 (15.21)	65.6 (97.6)	40.0 (195.3)	490.85 (67000)	60.7 (3263)	5.37 (1.64)
PZC 13	27.88 (708)	12.56 (319)	.375 (9.5)	.375 (9.5)	50.4 (75.1)	21.7 (106.0)	152.0 (20753)	24.2 (1300)	5.60 (1.71)
PZC 14	27.88 (708)	12.60 (320)	.420 (10.7)	.420 (10.7)	55.0 (81.8)	23.7 (115.5)	164.8 (22499)	26.0 (1400)	5.60 (1.71)
PZC 18	25.00 (635)	15.25 (387)	.375 (9.5)	.375 (9.5)	50.4 (75.1)	24.2 (118.2)	255.5 (34888)	33.5 (1801)	5.60 (1.71)
PZC 19	25.00 (635)	15.30 (388)	.420 (10.7)	.420 (10.7)	55.0 (81.8)	26.4 (128.8)	276.7 (37790)	36.1 (1904)	5.60 (1.71)
PZC 25	27.88 (708)	17.66 (449)	.485 (12.3)	.560 (14.2)	69.4 (103.3)	29.9 (145.9)	404.4 (55230)	45.7 (2455)	6.15 (1.87)
PZC 26	27.88 (708)	17.70 (450)	.525 (13.3)	.600 (15.2)	73.9 (110.0)	31.8 (155.4)	428.1 (58460)	48.4 (2600)	6.15 (1.87)
PZC 28	27.88 (708)	17.75 (451)	.570 (14.5)	.645 (16.4)	79.0 (117.6)	34.0 (166.1)	455.1 (62150)	51.2 (2755)	6.15 (1.87)