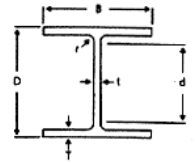
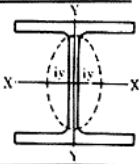


# BEARING PILES



Imperial Units

Section size	Unit weight		Section depth		Flange width		Web & Flange thickness		Corner radius		Section area	
	M		D		B		t	T	r		A	
	lb/ft	kg/m	in	mm	in	mm	in	mm	in	mm	in <sup>2</sup>	cm <sup>2</sup>
8 x 8	30	45.0	7.88	200.2	8.085	205.4	0.373	9.5	0.4	10.2	8.83	57.0
	36	54.0	8.026	203.9	8.158	207.2	0.446	11.3	0.4	10.2	10.6	68.4
10 x 10	42	63.0	9.72	246.9	10.078	256.0	0.418	10.6	0.5	12.7	12.4	79.7
	48	71.0	9.838	249.9	10.137	257.5	0.477	12.1	0.5	12.7	14.1	91.0
	57	85.0	10.012	254.3	10.224	259.7	0.564	14.3	0.5	12.7	16.8	108.1
12 x 12	53	79.0	11.78	299.2	12.046	306.0	0.436	11.1	0.6	15.2	15.5	100.4
	59	88.0	11.878	301.7	12.095	307.2	0.485	12.3	0.6	15.2	17.36	112.0
	64	95.0	11.96	303.8	12.136	308.3	0.526	13.4	0.6	15.2	18.4	121.0
	74	110.0	12.122	307.9	12.217	310.3	0.607	15.4	0.6	15.2	21.8	140.4
	85	126.0	12.308	312.6	12.31	312.7	0.70	17.8	0.6	15.2	24.6	161.0
	100	149.0	12.528	318.2	12.42	315.5	0.81	20.6	0.6	15.2	29.4	190.0
	125	186.0	12.928	328.4	12.62	320.5	1.01	25.7	0.6	15.2	36.73	237.0
14 x 14½	150	223.0	13.308	338.0	12.81	325.4	1.20	30.5	0.6	15.2	44.17	285.0
	73	109.0	13.636	346.4	14.586	370.5	0.506	12.9	0.6	15.2	21.4	138.4
	89	133.0	13.856	351.9	14.696	373.3	0.616	15.6	0.6	15.2	26.1	169.0
	102	152.0	14.032	356.4	14.784	375.5	0.704	17.9	0.6	15.2	30.0	193.6
	117	174.1	14.234	361.5	14.885	378.1	0.805	20.4	0.6	15.2	34.4	222.2



Section Size	Moment of inertia				Radius of gyration				Modulus of section			
	I <sub>x</sub>		I <sub>y</sub>		i <sub>x</sub>		i <sub>y</sub>		Z <sub>x</sub>		Z <sub>y</sub>	
in (mm)	in <sup>4</sup>	cm <sup>4</sup>	in <sup>4</sup>	cm <sup>4</sup>	in	cm	in	cm	in <sup>3</sup>	cm <sup>3</sup>	in <sup>3</sup>	cm <sup>3</sup>
8 x 8.	98.0	4,079	37.0	1,539	3.33	8.46	1.93	4.90	24.9	408	8.1	133
	119.8	4,987	40.4	1,683	3.36	8.54	1.95	4.95	29.8	489	9.9	162
10 x 10	210.8	8,775	71.4	2,971	4.13	10.5	2.41	6.11	43.4	711	14.2	232
	243.9	10,153	82.9	3,451	4.17	10.6	2.40	6.10	49.6	813	16.4	268
	294.6	12,264	100.6	4,188	4.21	10.7	2.45	6.22	58.9	965	19.7	323
12 x 12	394.0	16,400	127.1	5,292	5.04	12.8	2.86	7.26	66.9	1,096	21.1	346
	442.1	18,402	143.2	5,959	5.04	12.8	2.87	7.30	74.4	1,220	23.7	388
	483.2	20,111	156.9	6,529	5.08	12.9	2.87	7.30	80.8	1,324	25.9	424
	566.5	23,580	184.7	7,689	5.12	13.0	2.91	7.40	93.5	1,532	30.3	496
	661.3	27,526	216.5	9,013	5.16	13.1	2.95	7.50	107.6	1,763	35.2	577
	793.8	33,040	261.1	10,869	5.20	13.2	2.99	7.60	126.6	2,075	42.0	689
	1,024.1	42,625	338.9	14,108	5.28	13.4	3.03	7.70	158.5	2,597	53.8	881
	1,268.9	52,817	422.1	17,570	5.35	13.6	3.07	7.80	190.8	3,126	65.9	1,080
14 x 14½	733.1	30,515	261.9	10,901	5.83	14.8	3.49	8.87	107.5	1,762	35.9	588
	909.1	37,840	326.2	13,576	5.91	15.0	3.53	8.96	131.2	2,150	44.4	727
	1,055.1	43,916	379.6	15,799	5.94	15.1	3.56	9.03	150.4	2,464	51.3	841
	1,228.5	51,134	443.1	18,444	5.98	15.2	3.59	9.11	172.6	2,829	59.6	976