



Foundation Drilling Contractor  
Toll Free Number: 877-823-2352

**SKIN FRICTION AREA IN SQUARE FEET**

Shaft Size	Skin Friction Area	Shaft Size	Skin Friction Area	Shaft Size	Skin Friction Area
12 "	3.14	90 "	23.56	166 "	43.46
14 "	3.67	92 "	24.09	168 "	43.98
16 "	4.19	94 "	24.61	170 "	44.51
18 "	4.71	96 "	25.13	172 "	45.03
20 "	5.24	98 "	25.66	174 "	45.55
22 "	5.76	100 "	26.18	176 "	46.08
24 "	6.28	102 "	26.70	178 "	46.60
26 "	6.81	104 "	27.23	180 "	47.12
28 "	7.33	106 "	27.75	182 "	47.65
30 "	7.85	108 "	28.27	184 "	48.17
32 "	8.38	110 "	28.80	186 "	48.69
34 "	8.90	112 "	29.32	188 "	49.22
36 "	9.42	114 "	29.85	190 "	49.74
38 "	9.95	116 "	30.37	192 "	50.27
40 "	10.47	118 "	30.89	194 "	50.79
42 "	11.00	120 "	31.42	196 "	51.31
44 "	11.52	122 "	31.94	198 "	51.84
46 "	12.04	124 "	32.46	200 "	52.36
48 "	12.57	126 "	32.99	202 "	52.88
50 "	13.09	128 "	33.51	204 "	53.41
52 "	13.61	130 "	34.03	206 "	53.93
54 "	14.14	132 "	34.56	208 "	54.45
56 "	14.66	134 "	35.08	210 "	54.98
58 "	15.18	136 "	35.60	212 "	55.50
60 "	15.71	138 "	36.13	214 "	56.03
62 "	16.23	140 "	36.65	216 "	56.55
64 "	16.76	142 "	37.18	218 "	57.07
66 "	17.28	144 "	37.70	220 "	57.60
68 "	17.80	146 "	38.22	222 "	58.12
70 "	18.33	148 "	38.75	224 "	58.64
72 "	18.85	150 "	39.27	226 "	59.17
74 "	19.37	152 "	39.79	228 "	59.69
76 "	19.90	154 "	40.32	230 "	60.21
78 "	20.42	156 "	40.84	232 "	60.74
80 "	20.94	158 "	41.36	234 "	61.26
82 "	21.47	160 "	41.89	236 "	61.78
84 "	21.99	162 "	42.41	238 "	62.31
86 "	22.51	164 "	42.94	240 "	62.83
88 "	23.04	166 "	43.46		