

PENN DRILL MANUFACTURING MICROPILE CASING

Outside Diameter In cm	Thickness In cm	Inside Diameter In cm	Weight lbs/ft kg/m	Cross Sectional Area in ² cm ²	Total Area of Shaft in ² cm ²	Internal Volume ft ³ /ft m ³ /m	External Surface Area ft ² /ft m ² /m	Moment of Inertia in ⁴ cm ⁴	Section Modulus in ³ cm ³
5.500	0.415	4.670	22.560	6.630	23.760	0.120	1.440	21.570	7.840
139.700	10.541	118.618	33.570	42.770	153.280	0.011	0.440	897.800	128.470
6.625	0.432	5.761	28.600	8.400	34.470	0.180	1.730	40.490	12.220
168.275	10.973	146.329	42.560	54.230	222.400	0.017	0.530	1685.310	200.250
7.000	0.408	6.184	28.750	8.450	38.480	0.210	1.830	46.070	13.160
177.800	10.363	157.073	42.790	54.510	248.290	0.019	0.560	1917.560	215.650
7.000	0.453	6.094	31.700	9.320	38.480	0.200	1.830	50.160	14.330
177.800	11.506	154.787	47.180	60.110	248.290	0.019	0.560	2087.800	234.830
7.000	0.500	6.000	34.740	10.210	38.480	0.200	1.830	54.240	15.500
177.800	12.700	152.400	51.700	65.870	248.290	0.018	0.560	2257.620	254.000
7.625	0.430	6.765	33.070	9.720	45.660	0.250	2.000	63.120	16.560
193.675	10.922	171.831	49.210	62.710	294.600	0.023	0.610	2627.230	271.310
7.625	0.500	6.625	38.080	11.190	45.660	0.240	2.000	71.370	18.720
193.675	12.700	168.275	56.670	72.210	294.600	0.022	0.610	2970.620	306.760
8.625	0.500	7.625	43.430	12.760	58.430	0.320	2.260	105.720	24.510
219.075	12.700	193.675	64.630	82.340	376.940	0.029	0.690	4400.360	401.650
8.625	0.562	7.501	48.440	14.240	58.430	0.310	2.260	116.250	26.960
219.075	14.275	190.525	72.090	91.840	376.940	0.029	0.690	4838.650	441.790
9.625	0.472	8.681	46.180	13.570	72.760	0.410	2.520	142.510	29.610
244.475	11.989	220.497	68.730	87.560	469.420	0.038	0.770	5931.670	485.220
9.625	0.545	8.535	52.900	15.550	72.760	0.400	2.520	160.800	33.410
244.475	13.843	216.789	78.730	100.300	469.420	0.037	0.770	6692.950	547.490
10.750	0.500	9.750	54.790	16.100	90.760	0.520	2.810	211.950	39.430
273.050	12.700	247.650	81.540	103.870	585.560	0.048	0.860	8821.950	646.140
10.750	0.545	9.660	59.460	17.470	90.760	0.510	2.810	228.100	42.440
273.050	13.843	245.364	88.490	112.730	585.560	0.047	0.860	9494.160	695.460
10.750	0.595	9.560	64.590	18.980	90.760	0.500	2.810	245.530	45.680
273.050	15.113	242.824	96.120	122.470	585.560	0.046	0.860	10219.650	748.560
11.875	0.582	10.711	70.260	20.650	110.750	0.630	3.110	330.040	55.590
301.624	14.783	272.059	104.560	133.210	714.530	0.058	0.950	13737.190	910.950
12.750	0.500	11.750	65.480	19.240	127.680	0.750	3.340	361.540	56.710
323.849	12.700	298.449	97.450	124.140	823.710	0.070	1.020	15048.310	929.310
13.375	0.480	12.415	66.170	19.450	140.500	0.840	3.500	404.730	60.520
339.724	12.192	315.340	98.470	125.450	906.450	0.078	1.070	16846.060	991.740
13.375	0.514	12.347	70.670	20.770	140.500	0.830	3.500	430.070	64.310
339.724	13.056	313.613	105.170	133.980	906.450	0.077	1.070	17900.720	1053.850
16.000	0.375	15.250	62.640	18.410	201.060	1.270	4.190	562.080	70.260
406.400	9.525	387.350	93.230	118.760	1333.170	0.120	1.280	23395.710	1151.360
16.000	0.438	15.124	72.870	21.410	201.060	1.250	4.190	648.750	81.090
406.400	11.125	384.150	108.450	138.150	1333.170	0.120	1.280	27002.810	1328.880
16.000	0.495	15.010	82.040	24.110	201.060	1.230	4.190	725.310	90.660
406.400	12.573	381.254	122.110	155.560	1333.170	0.110	1.280	30189.620	1485.710
18.000	0.435	17.130	81.680	24.000	254.470	1.600	4.710	926.320	102.930
457.200	11.049	435.102	121.570	154.870	1641.730	0.150	1.440	38856.250	1686.630
20.000	0.438	19.124	91.590	26.920	314.160	1.990	5.240	1288.220	128.820
508.000	11.125	485.750	136.120	173.660	2026.830	0.190	1.600	53619.940	2111.020
20.000	0.635	18.730	131.450	38.630	314.160	1.910	5.240	1812.810	181.280
508.000	16.129	475.742	195.650	249.230	2026.830	0.180	1.600	75454.950	2970.600