



	Pile Diameter x Thickness (in)	Max Torque Rating (lb-ft)	Allowable Compression Load (lb)	Allowable Tension Load (lb) depth ≤ 14ft	Allowable Tension Load (lb) depth >14ft	Torque Corrélation Factor Kt
1 7/8"	1.875"x 0.154"	1338	6690	3345	4683	10
2 3/8"	2.375"x 0.154"	2263	11316	5658	7921	10
2 7/8"	2.875"x 0.250"	5032	22645	11322	15851	9
3 1/2"	3.500"x 0.250"	7820	27371	13686	19160	7
4 1/2"	4.500"x 0.250"	13569	40706	20353	28494	6
5 9/16"	5.5625"x 0.250"	21413	53532	26766	37472	5
5 9/16"	5.5625"x 0.375"	29995	74986	37493	52491	5
6 5/8"	6.625"x 0.250"	31046	62092	31046	43464	4
6 5/8"	6.625"x 0.375"	43973	87947	43973	61563	4
8 5/8"	8.625"x 0.250"	54034	81051	40525	56736	3
8 5/8"	8.625"x 0.375"	77566	116350	58175	81445	3
10 3/4"	10.75"x 0.250"	85406	85406	42703	59784	2
10 3/4"	10.75"x 0.375"	123679	123679	61840	86576	2
12 3/4"	12.75"x 0.375"	176888	121472	60736	85031	2

NORMATIVE INFORMATIONS

GoliathTech Inc. products are certified and approved by the Canadian Construction Materials Centre (CCMC 13675-R). Their performance is equivalent or superior to prescribed NBC2010 standards. GoliathTech manufacturing facility is certified to the quality standard ISO 9001:2015 (Certificate number Q101242) as well as the environmental standard ISO 14001:2015. Its manufacturing welding facility is certified to CSA W47.1

NOTE: Helical piles shall be installed to appropriate depth in suitable bearing stratum as determined by the geotechnical engineer or local jurisdictional authority. Torque correlated capacities are based on installing the pile to its torque rating, using consistent rate of advance and RPM. A minimum factor of safety of 2 is recommended for determining allowable capacity from correlations. Deflections of 0.25 to 0.50 inches are typical at allowable capacity.

GoliathTech Inc 175B rue Péladeau, Magog, QC, Canada, J1X 5G9 TECHNICAL DATA SHEET	Date 29-May-2017	Seal
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