



GoliathTech Helical Piles, Tiebacks & Anchors		Ultimate Capacity Based Upon Torque at Tube Connection Failure Point (kips - kN)	Helix Bearing Plate Grade & Thickness (in - mm)	Section Coupling Method	Building Code Certifications
Round Shaft					
GTP1178XX	O.D. = 1.875 in - 47.6 mm Wall = 0.154 in - 3.9 mm ASTM A500 Grade C	Comp = 13.38 kips - 60 KN Ten <14' = 6.69 kips - 30 KN Ten >14' = 9.36 kips - 42 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std	0.50 in - 12.7 mm (2) Galvanized Grade 5 Bolts	CCMC 13675-R
GTP1238XX	O.D. = 2.375 in - 60.3 mm Wall = 0.154 in - 3.9 mm ASTM A500 Grade C	Comp = 22.63 kips - 101 KN Ten <14' = 11.31 kips - 50 KN Ten >14' = 15.84 kips - 70 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std	0.50 in - 12.7 mm (2) Galvanized Grade 5 Bolts	CCMC 13675-R
GTP1278XX	O.D. = 2.875 in - 73.0 mm Wall = 0.250 in - 6.4 mm ASTM A500 Grade C	Comp = 45.29 kips - 201 KN Ten <14' = 22.64 kips - 101 KN Ten >14' = 31.70 kips - 141 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	0.50 in - 12.7 mm (2) Galvanized Grade 5 Bolts	CCMC 13675-R
GTP1312XX	O.D. = 3.500 in - 88.9 mm Wall = 0.250 in - 6.4 mm ASTM A500 Grade C	Comp = 54.74 kips - 243 KN Ten <14' = 27.37 kips - 122 KN Ten >14' = 38.31 kips - 170 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	0.50 in - 12.7 mm (3) Galvanized Grade 5 Bolts	CCMC 13675-R
GTP1412XX-W250	O.D. = 4.500 in - 114.3 mm Wall = 0.250 in - 6.4 mm ASTM A500 Grade C	Comp = 81.41 kips - 362 KN Ten <14' = 40.70 kips - 181 KN Ten >14' = 56.99 kips - 254 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	0.50 in - 12.7 mm (3) Galvanized Grade 5 Bolts	
GTP15916XX-W250	O.D. = 5.563 in - 141.3 mm Wall = 0.250 in - 6.4 mm ASTM A500 Grade C	Comp = 107.07 kips - 476 KN Ten <14' = 53.53 kips - 238 KN Ten >14' = 74.94 kips - 333 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	0.75 in - 19.0 mm (3) Galvanized Grade 5 Bolts	
GTP15916XX-W375	O.D. = 5.563 in - 141.3 mm Wall = 0.375 in - 9.5 mm ASTM A500 Grade C	Comp = 149.98 kips - 667 KN Ten <14' = 74.98 kips - 334 KN Ten >14' = 104.98 kips - 467 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	0.75 in - 19.0 mm (3) Galvanized Grade 5 Bolts	
GTP1658XX-W250	O.D. = 6.625 in - 168.3 mm Wall = 0.250 in - 6.4 mm ASTM A500 Grade C	Comp = 124.18 kips - 552 KN Ten <14' = 62.09 kips - 276 KN Ten >14' = 96.92 kips - 387 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	0.75 in - 19.0 mm (4) Galvanized Grade 5 Bolts	
GTP1658XX-W375	O.D. = 6.625 in - 168.3 mm Wall = 0.375 in - 9.5 mm ASTM A500 Grade C	Comp = 175.89 kips - 782 KN Ten <14' = 87.94 kips - 391 KN Ten >14' = 123.12 kips - 548 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	0.75 in - 19.0 mm (4) Galvanized Grade 5 Bolts	
GTP1858XX-W250	O.D. = 8.625 in - 219.1 mm Wall = 0.250 in - 6.4 mm ASTM A500 Grade C	Comp = 162.10 kips - 721 KN Ten <14' = 81.05 kips - 361 KN Ten >14' = 113.47 kips - 505 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	1.00 in - 25.4 mm (4) Galvanized Grade 5 Bolts	
GTP1858XX-W375	O.D. = 8.625 in - 219.1 mm Wall = 0.375 in - 9.5 mm ASTM A500 Grade C	Comp = 232.7 kips - 1035 KN Ten <14' = 116.34 kips - 518 KN Ten >14' = 162.88 kips - 725 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	1.00 in - 25.4 mm (4) Galvanized Grade 5 Bolts	
GTP1034XX-W250	O.D. = 10.750 in - 273.0 mm Wall = 0.250 in - 6.4 mm ASTM A500 Grade C	Comp = 170.81 kips - 760 KN Ten <14' = 85.40 kips - 380 KN Ten >14' = 119.56 kips - 532 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	1.00 in - 25.4 mm (4) Galvanized Grade 5 Bolts	
GTP1034XX-W375	O.D. = 10.750 in - 273.0 mm Wall = 0.375 in - 9.5 mm ASTM A500 Grade C	Comp = 247.36 kips - 1100 KN Ten <14' = 123.67 kips - 550 KN Ten >14' = 173.15 kips - 770 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	1.00 in - 25.4 mm (4) Galvanized Grade 5 Bolts	
GTP1234XX-W375	O.D. = 12.750 in - 323.8 mm Wall = 0.375 in - 9.5 mm ASTM A500 Grade C	Comp = 353.78 kips - 1574 KN Ten <14' = 176.88 kips - 787 KN Ten >14' = 247.64 kips - 1102 KN	CSA G40.20-13/G40.21-13 0.38 in - 9.5 mm std 0.50 in - 12.7 mm opt	1.00 in - 25.4 mm (4) Galvanized Grade 5 Bolts	