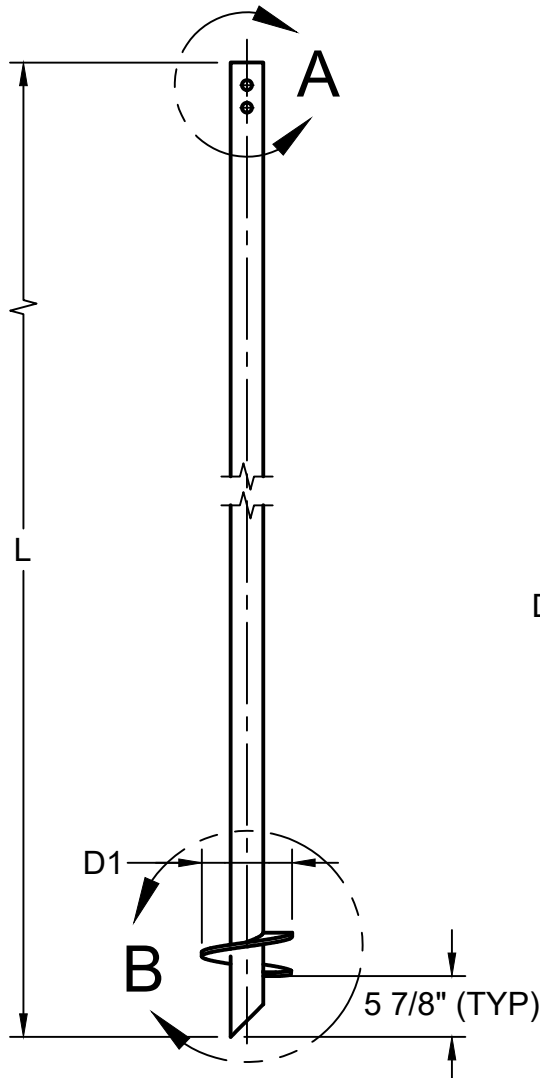
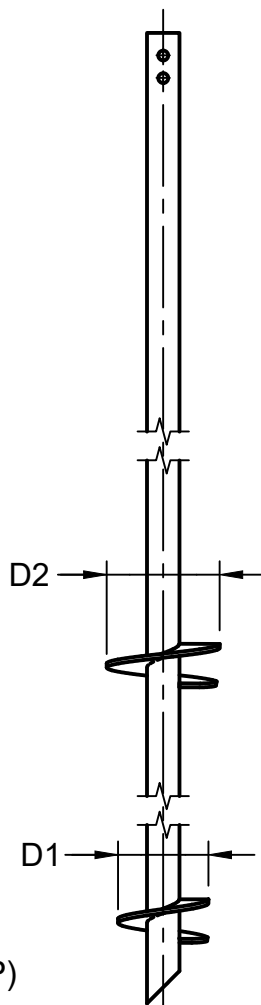


MAXIMUM TORQUE NOT TO EXCEED 8,000 ft-lbs

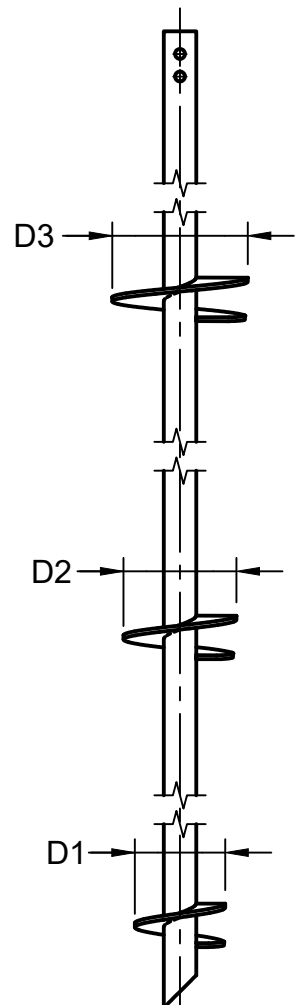
ULTIMATE CAPACITY OF 72 KIPS BASED ON CAPACITY TO TORQUE RATIO OF  $K_t = 9\text{ft}^{-1}$



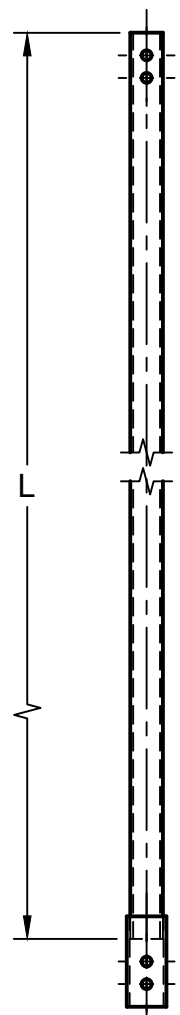
SINGLE HELIX (SH) LEAD  
EX: (278203SH[L][D1]X[T]G)



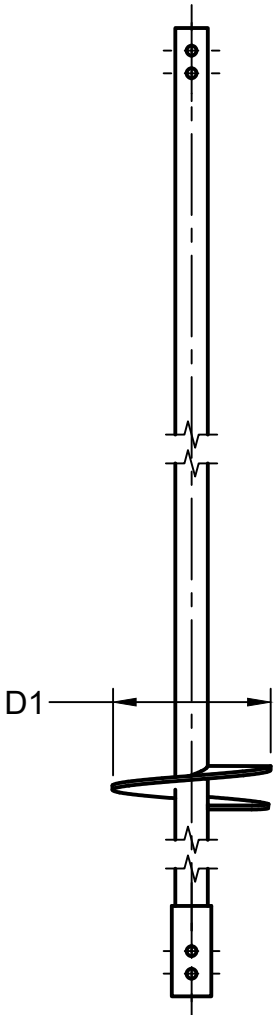
DOUBLE HELIX (DH) LEAD  
EX: (278203DH[L][D1,D2]X[T]G)



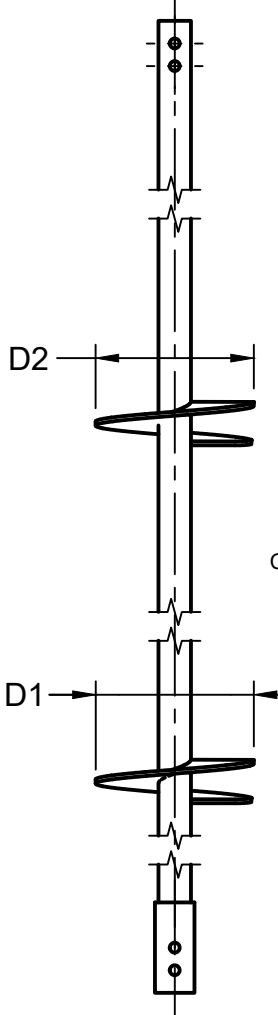
TRIPLE HELIX (TH) LEAD  
EX: (278203DH[L][D1,D2,D3]X[T]G)



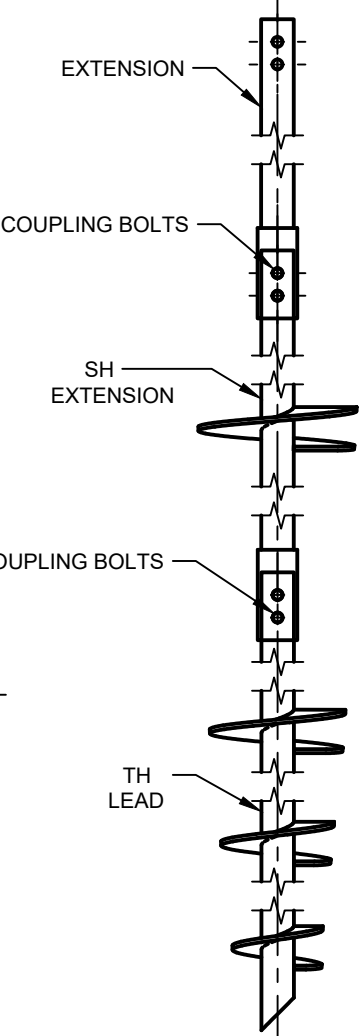
EXTENSION  
EX: (278203EXT[L]G)



SINGLE HELIX (SH) EXTENSION  
EX: (278203FESH[L][D1]X[T]G)



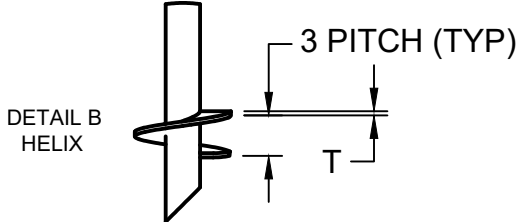
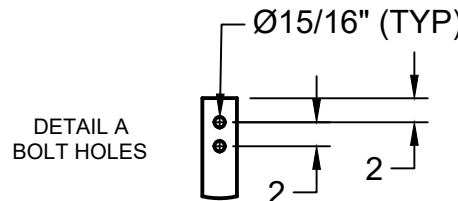
DOUBLE HELIX (DH) EXTENSION  
EX: (278203FESH[L][D1,D2]X[T]G)



TYPICAL PILE ASSEMBLY

- NOTES:**
- PILE SHAFT TO MEET OR EXCEED REQUIREMENTS OF ASTM A500 80KSI
  - PALTE STEEL TO MEET OR EXCEED REQUIREMENTS OF CSA G40.21-13 GRADES 44W/50W AND ASTM A36-19
  - ALL HELICES ARE FORMED BY PRESS DIE
  - HELIX SPACING IS EQUAL TO (3) TIMES THE DIAMETER OF THE LOWER HELIX
  - STANDARD HELIX DIAMETERS INCLUDE 8", 10", 12", & 14". STANDARD IS 1/2" THICKNESS.
  - ALL WELDING TO BE PERFORMED BY CERTIFIED WELDER IN ACCORDANCE WITH CWB W59-18
  - HOT DIP GALVANIZING AS PER CAN/CSA G 164 or ASTM 123
  - (2) 3/4" DIAMETER X 4 1/2" LONG HEAVY HEX BOLTS AND 3/4" HEAVY HEX NUT

**NORTEK SKU # ABBREVIATIONS**  
278 = SHAFT DIAMETER  
203 = SHAFT WALL THICKNESS  
L= SHAFT LENGTH IN FT  
EXT = EXTENSION  
FE = FLIGHTED EXTENSION  
D = DIAMETER OF HELIX (EX. 12" = 12)  
SH = SINGLE HELIX  
DH = DOUBLE HELIX  
TH= TRIPLE HELIX  
X = SEPARATES HELIX DIAMETERS AND THICKNESSES  
[T] = HELIX THICKNESS  
G = GALVANIZED



2 7/8" X 0.203" W.T HELICAL LEADS & EXTENSIONS					
			<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NORTEK HELICAL PILES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF NORTEK HELICAL PILES IS PROHIBITED.</p> <p>SHEET 1 OF 1</p> <p>UNITS IN INCHES U.N.O</p> <p>REV 01</p>		
APPROVED	K.D	2024-01-30			NORTEK HELICAL PILES 1098 INDUSTRIAL RD AYR, ON N0B 1E0 519-623-3858 WWW.NORTEKHELICALPILES.CA
CHECKED	C.D	2024-01-31			
DRAWN	K.D	2024-01-14			
DWG NO	1				