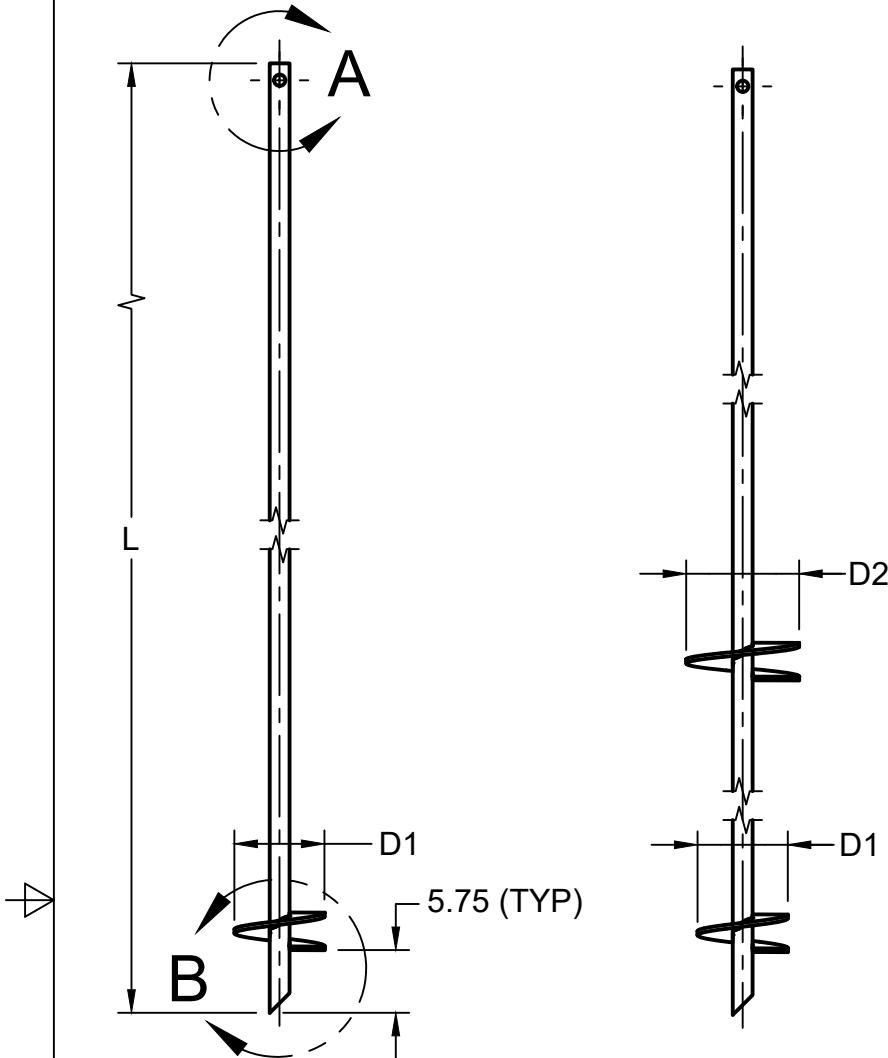


MAXIMUM TORQUE NOT TO EXCEED 11,000 FT-LBS

ULTIMATE CAPACITY OF 110 KIPS BASED ON CAPACITY TO
TORQUE RATIO OF $K_t = 10 \text{ FT}^{-1}$



SINGLE HELIX (SH) LEAD
EX: (SQ175SH[L][D1]X[T]G)

DOUBLE HELIX (DH) LEAD
EX: (SQ175DH[L][D1,D2]X[T]G)

TRIPLE HELIX (TH) LEAD
EX: (SQ175TH[L][D1,D2,D3]X[T]G)

EXTENSION
EX: (SQ175EXT[L]G)

SINGLE HELIX (SH) EXTENSION
EX: (SQ175FESH[L][D1]X[T]G)

DOUBLE HELIX (DH) EXTENSION
EX: (SQ175FEDH[L][D1,D2]X[T]G)

TYPICAL PILE
ASSEMBLY

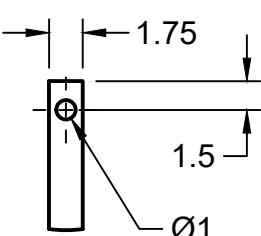
NOTES:

- PILE SHAFT TO MEET OR EXCEED 90 KSI
- PLATE STEEL TO MEET OR EXCEED REQUIREMENTS OF A572 GRADE 50
- 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". 3/8" OR 1/2" THICKNESS.
- ALL WELDING TO BE PERFORMED BY CERTIFIED WELDER IN ACCORDANCE WITH CWB W59-18
- BARE STEEL IS STANDARD. HOT DIP GALVANIZING AS PER CAN/CSA G 164 or ASTM 123
- (2) 7/8" DIAMETER X 3 3/4" LONG HEAVY HEX BOLTS AND (1) 7/8" HEAVY HEX NUT

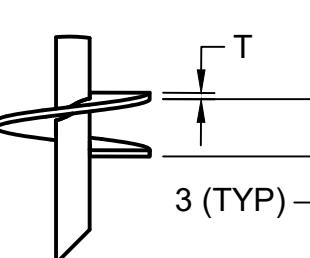
NORTEK PART# ABBREVIATIONS

SQ = ROUND CORNER SQUARE SHAFT
175 = SHAFT DIAMETER
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

DETAIL A
SCALE 1:10



DETAIL B
SCALE 1:10



1 3/4" ROUND CORNER SQUARE SHAFT HELICAL LEADS & EXTENSIONS



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CHECKED	C.D	2024-01-20	
DRAWN	K.D	2024-01-04	
DWG NO	1		

SHEET 1 OF 1

UNITS IN INCHES U.N.O

REV 01