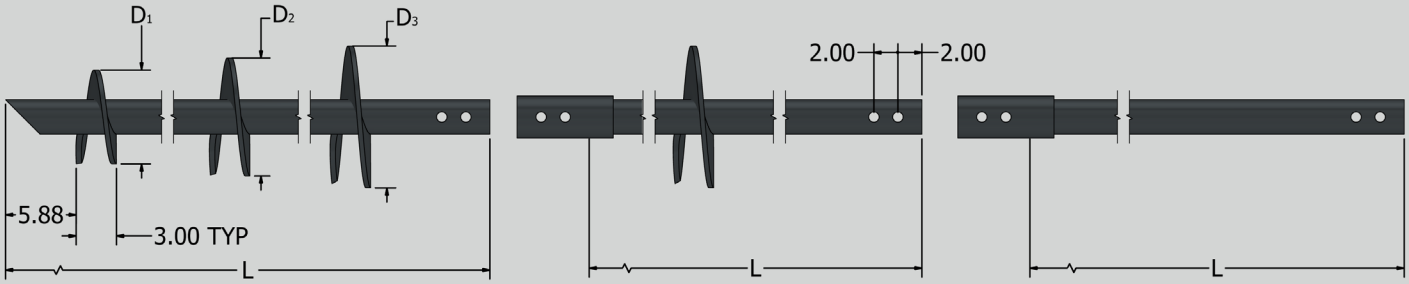
MAXIMUM TORQUE NOT TO EXCEED
10000 FT-LBS.
ULTIMATE CAPACITY IS 90 KIPS
BASED ON A CAPACITY TO TORQUE
RATIO OF kt = 9 FT^{-1}

2-7/8″ DIAMETER HELICAL PILE



HELICAL PILE LEAD			
PART NUMBER	**LENGTH (ft) A**	**HELIX BLADE SIZE (D_1-D_2-D_3)**	**BLADE THICKNESS**
SH288217210X38	2′	10″	3/8″
SH288217212X38	2′	12″	3/8″
SH28821758X38	5′	8″	3/8″
SH288217510X38	5′	10″	3/8″
SH288217512X38	5′	12″	3/8″
DH2382005810X38	5′	8″-10″	3/8″
DH23820051012X38	5′	10″-12″	3/8″
SH288217710X38	7′	10″	3/8″
SH288217712X38	7′	12″	3/8″
DH28821771012X38	7′	10″-12″	3/8″
TH288217781012X38	7′	8″-10″-12″	3/8″
TH2882177101214X38	7′	10″-12″-14″	3/8″
TH2882171081012X38	10′	8″-10″-12″	3/8″
DH288217101012X38	10′	10″-12″	3/8″
HELICAL PILE EXTENSION			
EXT2882175	5′	-	-
FESH288217510X38	5′	10″	3/8″
FESH288217512X38	5′	12″	3/8″
FESH288217514X38	5′	14″	3/8″
EXT2882177X38	7′	-	-
EXT28821710X38	10′	-	-

1. PILE SHAFT TO MEET OR EXCEED REQUIREMENTS OF API 5CT L80, 80 KSI YIELD STRENGTH.
2. FLAT METAL TO MEET OR EXCEED REQUIREMENTS OF ATSM A572, GRADE 50.
3. LEADING EDGE OF HELICES ARE TAPERED.
4. HELIX SPACING IS THREE 3 TIMES THE DIAMETER OF THE LOWER HELIX.
5. STANDARD HELIX DIAMETERS ARE 8″, 10″, 12″ AND 14″.
6. STANDARD HELIX THICKNESS IS 3/8″.
7. ALL WELDING TO BE PERFORMED BY CERTIFIED WELDOR IN ACCORDANCE WITH AWS D1.1 STRUCTURAL WELDING CODE.
8. HOT DIP GALVANIZING PER ASTM A153/ASTM A123. BARE STEEL IS ALSO AVAILABLE.
9. HELICAL PILE ASSEMBLIES MANUFACTURED IN ACCORDANCE WITH ICC-ES AC358 ACCEPTANCE CRITERIA FOR HELICAL FOUNDATION SYSTEMS AND DEVICES.

ICC ES™

1-833-641-7111