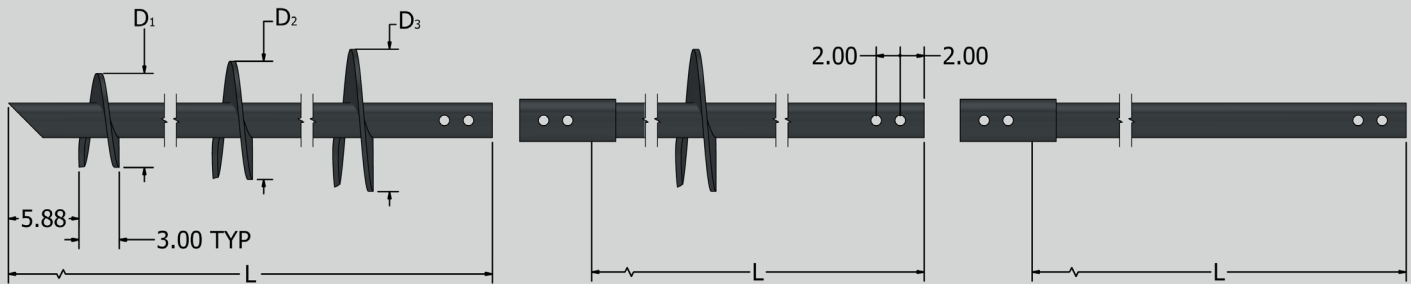


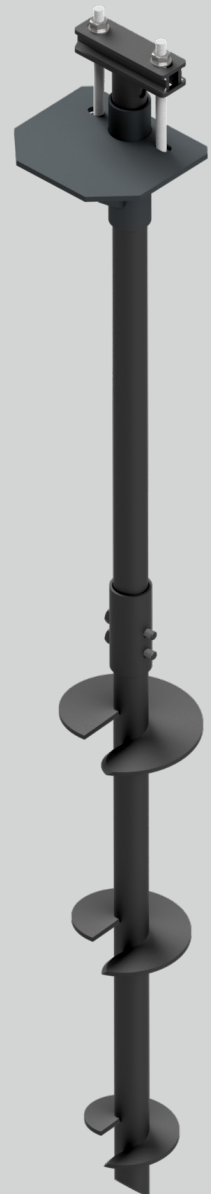
# 3-1/2" DIAMETER HELICAL PILE

MAXIMUM TORQUE NOT TO EXCEED  
15000 FT-LBS.  
ULTIMATE CAPACITY IS 120 KIPS  
BASED ON A CAPACITY TO TORQUE  
RATIO OF  $k_t = 7 \text{ FT}^{-1}$



HELICAL PILE LEAD			
PART NUMBER	LENGTH (ft) A	HELIX BLADE SIZE (D <sub>1</sub> -D <sub>2</sub> -D <sub>3</sub> )	BLADE THICKNESS
SH350254510X12	5'	10"	1/2"
SH350254512X12	5'	12"	1/2"
DH35025451012X12	5'	10"-12"	1/2"
DH35025451012X12	5'	12"-14"	1/2"
SH350254712X12	7'	12"	1/2"
SH350254712X12	7'	14"	1/2"
DH35025471012X12	7'	10"-12"	1/2"
DH35025471214X12	7'	12"-14"	1/2"
DH3502547810X12	7'	8"-10"	1/2"
TH350254781012X12	7'	8"-10"-12"	1/2"
TH3502547101214X12	7'	10"-12"-14"	1/2"
HELICAL PILE EXTENSION			
EXT3502545	5'	-	-
EXT3502547	7'	-	-
EXT35025410	10'	-	-
FESH350254514X	5'	14"	1/2"
FESH350254714X	7'	14"	1/2"
FESH3502541014X	10'	14"	1/2"

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 1/2"
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.



1-833-641-7111