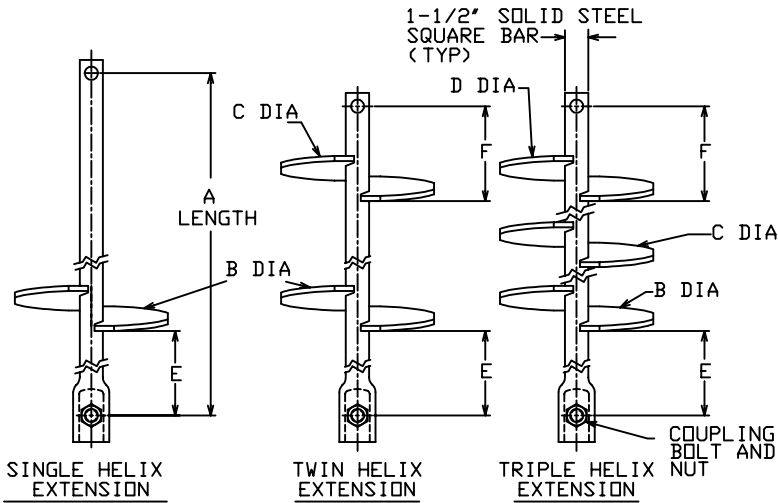


SS150 HELICAL PIERS AND ANCHORS

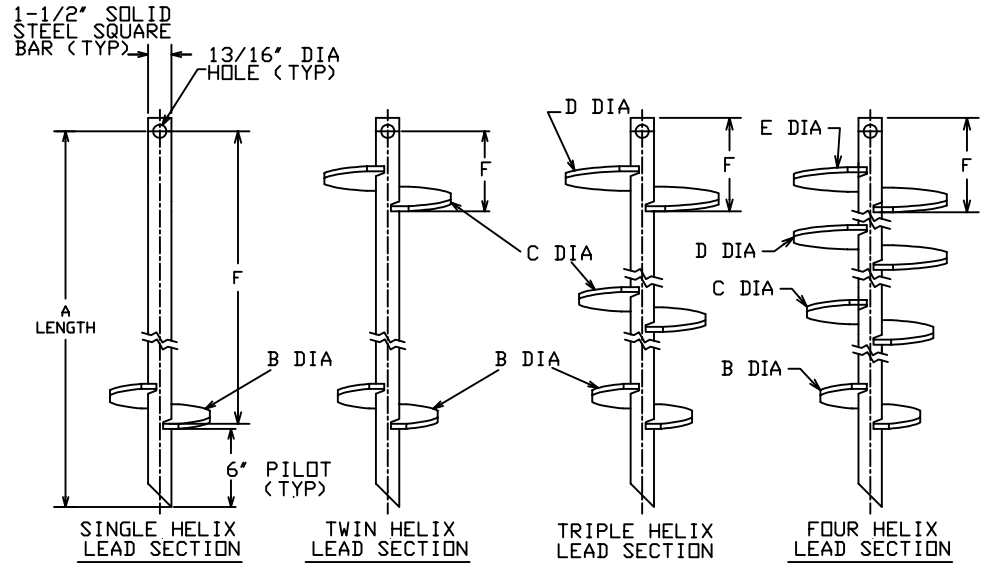
TORQUE STRENGTH* RATING-7,000 FT-LB
 ULTIMATE CAPACITY (TENSION/COMPRESSION)-70 KIP
 * BASED ON A TORQUE FACTOR (K)=10
 SINGLE HELIX ULTIMATE STRENGTH-40 KIP
 ULTIMATE TENSION STRENGTH (COUPLING BOLT)-70 KIP



HELICAL EXTENSION SECTION						
CAT. NO.	A	B	C	D	E	F
C150-0176	47"	14"			37"	
C150-0177	81"	14"	14"		37"	8"
C150-0178	124"	14"	14"	14"	36"	8"
T150-0440	59"	14"			4"	

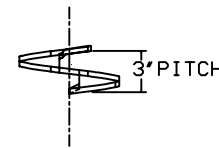
==NOTES==

- HOT DIP GALVANIZED PER ASTM A153-(LATEST REVISION).
- LEAD AND EXTENSION SECTION LENGTHS AND HELIX SPACINGS ARE NOMINAL.
- SHAFT MATERIAL-HOT ROLLED ROUND-CORNERED-SQUARE (RCS) SOLID STEEL BARS PER ASTM A29; MINIMUM YIELD STRENGTH=90 KSI.
- HELIX MATERIAL-HOT ROLLED LOW CARBON STEEL SHEET, STRIP, OR PLATE PER ASTM A656, OR A1018 GRADE 80; MINIMUM YIELD STRENGTH=80 KSI; 3/8" THICK.
- COUPLING BOLTS: 3/4" DIAMETER X 3" LONG HEX HEAD PER ASTM A325 TYPE 1.
- NOMINAL SPACING BETWEEN HELIX PLATES IS THREE TIMES THE DIAMETER OF THE LOWER HELIX.
- MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
- ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
- REFER TO DRAWING SA150-0144 FOR PLAIN EXTENSIONS AND TERMINATIONS.

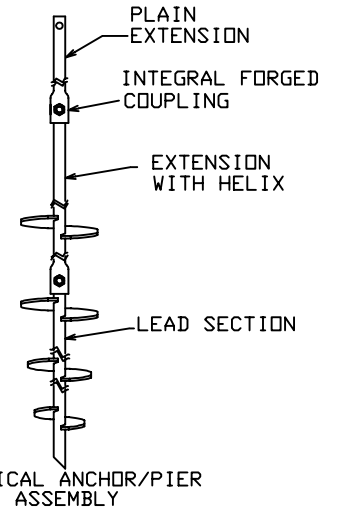


LEAD SECTION						
CAT. NO.	A	B	C	D	E	F
C150-0168	35"	8"	10"			6"
C150-0169	63"	8"	10"	12"		6"
C150-0170	123"	14"	14"	14"		33"
C150-0163	82"	10"	12"	14"		10"
C150-0400	82-1/4"	6"	8"	10"		34-1/4"
C150-0490	82"	8"	10"			52"
C150-0472	63"	8"	10"			33"
T150-0498*	59"	8"				56"
C150-0165	123"	8"	10"	14"	14"	10"
C1501261	35"	6"				29"
C1501029	82"	8"	10"	12"		22"

* HELIX MATERIAL 1/2" THICK



HELIX MUST BE FORMED BY MATCHING METAL DIE
 (SIDE VIEW OF TRUE HELICAL FORM)



CHANCE TOLERANCE CHART	HUBBELL POWER SYSTEMS POWER SYSTEMS, INC.
TITLE SS150 LEADS AND HELICAL EXTENSIONS	
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DO NOT SCALE THIS DRAWING	DRN BY JWH DATE 6/11/14 SHEET 1 OF 1