

Standard Helix Sizes	
Diameter (in)	Area (ft ²)
8	.298
10	.494
12	.734
14	1.018
16	1.345

SHAFT DESIGNATION		Torque Rating (lb-ft)
2 7/8 Tubular Leads	(0.217 wall)	13,000
	(0.276 wall)	16,000

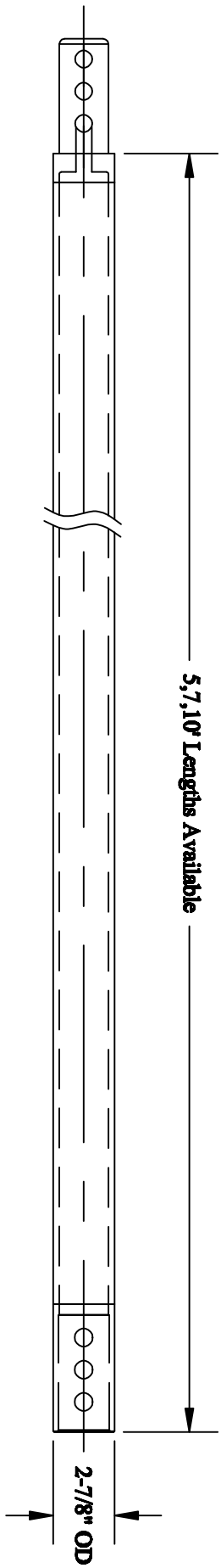
- NOTES:**
- HOT DIPPED GALVANIZED PER ASTM A123
 - LEAD LENGTHS AND HELIX SPACINGS ARE NOMINAL
 - MATERIAL YIELD STRENGTH: 80KSI MIN FOR TUBULAR SHAFT, 50KSI MIN FOR, 3/8" OR 1/2" THICK PLATE/HELIX PER ASTM A572 G50
 - ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1
 - REFER TO DRAWING TE278 FOR EXTENSION SECTIONS

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2-7/8 TUBULAR LEADS

DRAWN BY: DKM	DATE: 06/16/10	SIZE: A	PART/CAT NO./SKU NO.: TL278	REV: REV
DWG NO.		SCALE: NOT TO SCALE		SHEET 1/1



SHAFT DESIGNATION	
2 7/8 Tubular Extensions	Torque Rating (lb-ft)
(0.217 wall)	13,000
(0.276 wall)	16,000

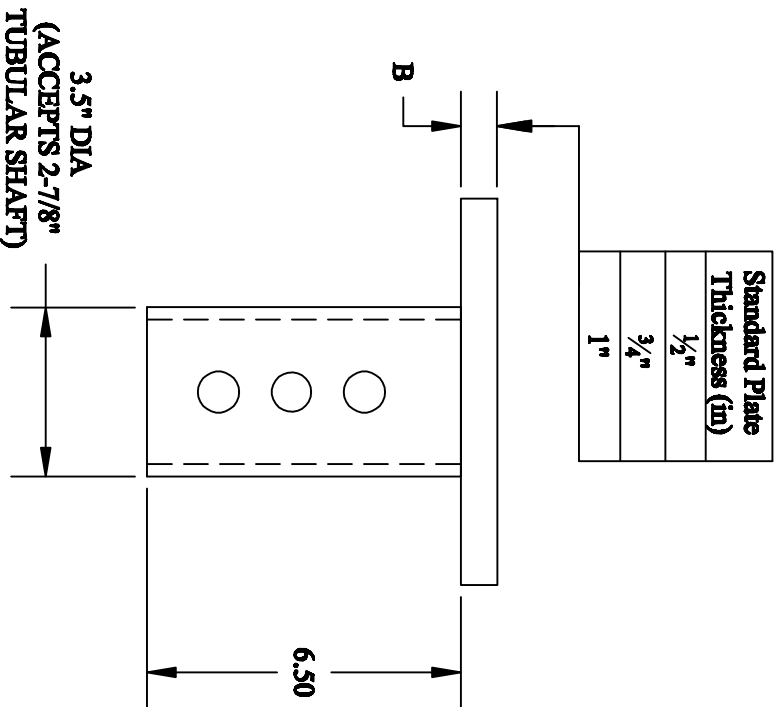
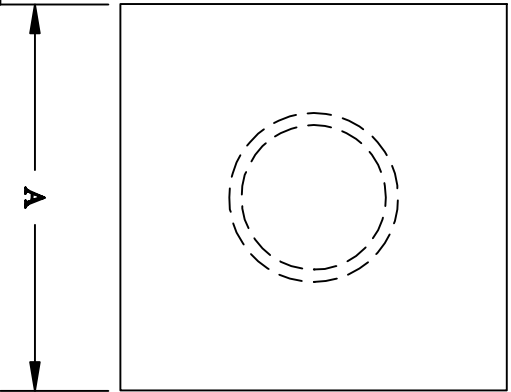
COUPLING BOLT AND NUT	
DESCRIPTION	BOLT TYPE
3/4" x 4" LONG H.H. BOLT	ASTM A325
3/4 HEX NUT	ASTM A325

- NOTES:**
- HOT DIP GALVANIZED PER ASTM A123
 - MINIMUM YIELD MATERIAL STRENGTH: 80 KSI FOR TUBE, 107 KSI FOR PIN & BOX, 50 KSI FOR FLIGHTS (IF APPLICABLE)
 - HELICES ON EXTENSION ARE AVAILABLE IN 3/8" OR 1/2" THICK PLATE PER ASTM A572 G50
 - REFER TO DRAWING TL278 FOR LEAD SECTIONS
 - ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1

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2-7/8 TUBULAR EXTENSIONS		<small>HELIANCHORS, INC.</small>	
DRAWN BY:	DKM	SIZE	PART/CAT NO./SKU NO.
DATE:	10/19/10	A	TE278
DWG NO.		SCALE:	NOT TO SCALE
			SHEET 1/1

- NOTES:
1. FINISH: PLAIN OR GALVANIZED PER ASTM A123
 2. MATERIAL YIELD STRENGTH: 80KSI MIN FOR TUBE, 36KSI MIN FOR PLATE
 3. HOLE PATTERN SHALL MATCH THAT OF THE CORRESPONDING EXTENSION SECTION
 4. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1

Standard Plate Sizes
Length x Width
6" x 6"
8" x 8"
10" x 10"
12" x 12"



Standard Plate Thickness (in)
1/2"
3/4"
1"

COUPLING BOLT AND NUT	
DESCRIPTION	BOLT TYPE
3/4" x 4.75" LONG H.H. BOLT	ASTM A325
3/4 HEX NUT	ASTM A325

HELICAL ANCHORS INC.

Helical

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2-7/8 New Construction
3-1/2 OD Pipe

DRAWN BY:	DLW	SIZE	PART / CAT NO. / SKU NO.
DATE:	02.04.16	A	NCCCH278
DWG NO.		SCALE:	NOT TO SCALE

SHEET