

MASTERSPEC - SECTION 31 63 16

AUGER CAST GROUT PILE ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Auger cast grout piles and accessories indicated, specified, or required to complete installation.

1.2 SUBMITTALS

- A. Product Data: Manufacturer's technical product literature for each type of product.

1.3 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified with minimum of three years documented experience.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. PIERESEARCH®, 501 East Main Street, Arlington TX, 76010; phone (817) 277-3738; www.pieresearch.com.
- B. For manufacturers not listed, submit as substitution according to the Conditions of the Contract and Division 01 Specification Sections.

2.2 TENDON CENTRALIZERS (QUICK-LOCK® UNIBAR® CENTRALIZERS)

A. Description:

1. Devices to center steel reinforcement in excavation; spaced not less than 15 feet o.c. for vertical piles and 10 feet o.c. for battered piles; fits piers 10 to 24 inches in diameter; and fits bar sizes #6 through #18.
2. Centralizer is made of plastic and are two identical halves that can be easily snapped together around tendon.
3. Centralizer keeps tendon centered in pile and does not impede flow of grout/concrete.

B. Centralizer Part Numbers:

NOTE TO SPECIFIER: SELECT ONE OF THE FOLLOWING OPTIONS:

1. 1011-6/18UBC: 10/11" O.D. Adjustable Quick-Lock® Unibar® Centralizer #6 - #18
2. 1415-6/18UBC: 14/15" O.D. Adjustable Quick-Lock® Unibar® Centralizer #6 - #18
3. 1617-6/18UBC: 16/17" O.D. Adjustable Quick-Lock® Unibar® Centralizer #6 - #18

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Attach centralizers to tendon according to manufacturer's instructions.
- B. Snap two pieces together around tendon with one piece being inverted to the other piece.
- C. Attachment Locations:
 - 1. At deep end of pile, attach centralizer at approximately 1 foot from end of the tendon.
 - 2. Attach centralizers at maximum 15 foot intervals along total length of the tendon.
 - 3. At access end of pile, attach centralizer so that it will be approximately 1 foot below grout/concrete surface.
- D. To prevent sliding, secure centralizer to the tendon with tie wire.

END OF SECTION