

## MASTERSPEC - SECTION 31 32 39

### SOIL NAILING ACCESSORIES

#### PART 1 - GENERAL

##### 1.1 SUMMARY

- A. Section Includes: Soil nailing tendon accessories indicated, specified, or required to complete installation.

##### 1.2 SUBMITTALS

- A. Product Data: Manufacturers technical literature for each type of manufactured material and product specified.
- B. Certification: Manufacturer's written certification that products furnished comply with or exceed specified requirements.

##### 1.3 QUALITY ASSURANCE

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

##### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store and handle materials to prevent damage.

#### PART 2 - PRODUCTS

##### 2.1 MANUFACTURER

- A. PIERESEARCH®, 501 East Main Street, Arlington TX, 76010; phone (800) 342-2409; (817) 277-3738; Fax (817) 275.2335; [www.pieresearch.com](http://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. Centralizer is made of plastic and are two identical halves that can be easily snapped together around soil nail tendon.
  - 2. Centralizer keeps soil nail tendon centered in drilled shaft and does not impede flow of grout/concrete.
  - 3. Centralizer Part Numbers:

**NOTE TO SPECIFIER: SELECT ONE OF THE FOLLOWING OPTIONS:**

- a. 4-6UBC: 4" O.D. Quick-Lock® Unibar® Centralizer #5 - #6
- b. 4-8UBC: 4" O.D. Quick-Lock® Unibar® Centralizer #7 - #8
- c. 4-1.5IN-UBC: 4" O.D. Quick-Lock® Unibar® Centralizer with 1.5" I.D. Hub
- d. 4-2IN-UBC: 4" O.D. Quick-Lock® Unibar® Centralizer with 2" I.D. Hub
- e. 4-2.5IN-UBC: 4" O.D. Quick-Lock® Unibar® Centralizer with 2.5" I.D. Hub
- f. 6-6UBC: 6" O.D. Quick-Lock® Unibar® Centralizer #5 - #6
- g. 6-8UBC: 6" O.D. Quick-Lock® Unibar® Centralizer #7 - #8
- h. 6-1.5IN-UBC: 6" O.D. Quick-Lock® Unibar® Centralizer with 1.5" I.D. Hub
- i. 6-2IN-UBC: 6" O.D. Quick-Lock® Unibar® Centralizer 2" I.D. Hub
- j. 6-2.5IN-UBC: 6" O.D. Quick-Lock® Unibar® Centralizer 2.5" I.D. Hub
- k. 8-6/11UBC 8" O.D. Quick-Lock® Unibar® Centralizer Adjustable I.D. Hub  
fits rebar sizes #6 thru #11

**PART 3 - EXECUTION**

**3.1 INSTALLATION**

- A. Attach centralizers to soil nail tendon according to manufacturer's instructions.
- B. Snap two pieces together around soil nail tendon with one piece being inverted to the other piece.
- C. Attachment Locations:
  - 1. At deep end of drilled shaft, attach centralizer at approximately 1 foot from end of the soil nail tendon.
  - 2. Attach centralizer at maximum 10 foot intervals along total length of soil nail tendon.
  - 3. At access end of drilled shaft, attach centralizer so that it will be approximately 1 foot below grout/concrete surface.
- D. To prevent sliding, secure centralizer to soil nail tendon with tie wire or zip tie threaded through end tab slots.

**END OF SECTION**