

#75-KB POS-I-TIE® KeyBolt Stone Veneer Anchoring System
#274-KB KeyBolt Split Bend Stone Anchor
#275-ZKB KeyBolt Z Stone Anchor
#275-UKB KeyBolt U Stone Anchor
#276-KB KeyBolt Pin Stone Anchor
#278-KB KeyBolt Welded Plate-Strap Stone Anchor
#610 Thermal-Grip® Plastic Washers

SECTION 04 00 00 MASONRY
Section 04 05 19.16 Masonry Anchors
Section 04 05 19.29 Stone Anchors

PART 1: GENERAL

1.1 RELATED SECTIONS

A. Provide shop drawings for all product locations.

1.2 SUBMITTALS

A. Manufacturer Certificate of Compliance for materials.

B. Product Data: Manufacturer's data sheet on each type of product furnished.

PART 2: MANUFACTURER

2.1 MANUFACTURER

Heckmann Building Products
110 Richards Ave.
Norwalk, CT 06854-1685
800-621-4140
Email: info@heckmannanchors.com
Website: www.heckmannanchors.com

2.2 APPLICATIONS

A. Provide anchoring systems that comply with TMS 402/602-22 Building Code Requirements and Specification for Masonry Structures 2022.

B. Stainless Steel AISI [Type 304] or [Type 316].

- 1) ASTM A240/A240M-24b Standard Specification for Chromium and Chromium Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications.
- 2) ASTM A666/666M-24 Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.

- Gauge [14] [12] [1/8] [3/16"] [1/4"], [width (minimum 1-3/4") [length (od)] [keyslot bend length (od) (minimum 2-1/4") [bend length (od)]

3. #276-KB KeyBolt Pin-Type Anchor

Gage [14] [12] [1/8] [3/16"] [1/4"], [width (minimum 1-3/4")] [length (od)] [keyslot bend length (od) (minimum 2-1/4")] [pin diameter] [pin length] [center of pin to end of anchor] Pin[welded][loose]

#278-KB KeyBolt Welded Plate-Strap Stone Anchor

Gage [14] [12] [1/8] [3/16"] [1/4"], [width (minimum 1-3/4")] [length (od)] [keyslot bend length (od) (minimum 2-1/4")] [welded plate height]

C. 75-PW Large Plastic Insulation Washer

1. 2" diameter

PART 3: EXECUTION

NOTE: The KeyBolt Anchoring System requires a minimum 1-1/4" drainage space (airspace)

A. KeyBolt Barrel Screws

1. Self-Drilling Screw: Use a standard drill with a variable clutch adjustment and a 5/16" hex driver. Place the hex end of the barrel in the driver; drill through the gypsum board and into the metal stud. No pre-drilling is required.
2. Concrete/CMU Screw: Use a standard hammer drill with a 3/16" (4.76 mm) masonry drill bit. Set the drill to Hammer mode and drill a 2" deep hole into the backup. Using a drill with a 5/16" hex driver in non-hammer mode, place the hex end of the barrel in the driver. Drill the screw into the hole.
3. For all KeyBolt Barrels tighten the inner nut so the EPDM washer is dimpled into the insulation.

B. Stone Anchors

1. Place the KeySlot between the two nuts on the barrel screw and slide the anchor down into the stone.
2. Tighten the outer nut firmly to hold the anchor in place.

C. 610 Thermal-Grip® Plastic Washers

1. Pre-spot washer to stud backup pushing the installation prongs into the insulation.
2. Drill the Pos-I-Tie® KeyBolt Barrel Screw through the washer into the backup.

End of Section