#425 Shelf Angle Wedge Insert

#427 Askew Head Bolts

SECTION 03 00 00 CONCRETE

Section 03 30 00 Cast-In-Place Concrete

Section 03 15 19 Concrete Accessories (Cast-In Concrete 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

 Acceptable Manufacturer:

 Heckmann Building Products

 110 Richards Ave.

 Norwalk, CT 06854-1685

 800-621-4140

 Email: info@heckmannanchors.com

 Website: [www.heckmannanchors.com](http://www.heckmannanchors.com)

2.2 APPLICATIONS

 A. Provide anchoring systems that comply with the Building Code Requirements for Masonry Structures TMS 402-16.

 B. ASTM A153/A153M-16 Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.

C. ASTM A47/A47M-99(2018) Standard Specification for Ferritic Malleable Iron Castings.

D. ASME B18-2-1 – 2012 Askew Head Bolts – American Society of Mechanical Engineers.

2.3 MATERIALS

1. **No. 425 SHELF ANGLE WEDGE INSERT**
2. 425-6H – Regular Insert 3-7/8” high
3. 425-6LH – Long Insert 5-1/2” high
4. **No. 427 ASKEW HEAD BOLT with nut and washer**

3/4" diameter x [2”], [2-1/2”], [3”] Long

Materials: Hotdip Galvanized After Fabrication

**PART 3: EXECUTION**

 A. Install as specified in applicable concrete section(s).