

442 Horseshoe Shim Washers
443 Horseshoe Shims (steel)

SECTION 04 00 00 MASONRY
Section 04 05 23 Masonry Accessories
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

Acceptable 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. ASTM A 36/A36M-14 Standard Specification for Carbon Structural Steel.
- C. ASTM A1008/A1008M-24 Sheet Metal Anchors and Ties (Plain Steel).
- D. ASTM A153/A153M-16a Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
- E. 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.
- 3) ASTM A276/A276M-24a Standard Specification for Stainless Steel Bars and Shapes.

F. ASTM D638 - Standard Specification for Tensile Properties of Plastics.

G. ASTM D695 - Standard Specification for Compressive Properties of Rigid Plastics.

2.3 MATERIALS

A. NO. 442 HORSESHOE SHIM WASHERS (Plastic)

| Number | Shim Size | Bolt Size |
|--------|-------------------------|-----------|
| 442-14 | 1/4" x 1-1/2" x 2" | 1/2" |
| 442-16 | 1/16" x 1-1/2" x 2" | 1/2" |
| 442-18 | 1/8" x 1-1/2" x 2" | 1/2" |
| 442-24 | 1/4" x 2-5/16" x 3" | 3/4" |
| 442-26 | 1/16" x 2-5/16" x 3" | 3/4" |
| 442-28 | 1/8" x 2-5/16" x 3" | 3/4" |
| 442-34 | 1/4" x 1-1/2" X 3-1/2" | 1/2" |
| 442-36 | 1/16" X 1-1/2" X 3-1/2" | 1/2" |
| 442-38 | 1/8" X 1-1/2" X 3-1/2" | 1/2" |

Material: High Density Plastic

B. NO. 443 HORESHOE SHIMS (Steel)

Standard: Thickness [1/16"] [1/8"] [1/4"] [3/8"] [1/2"] x 3" wide x 4" high with a 13/16" x 3" slot Hotdip Galvanized After Fabrication

Custom: Thickness: [1/2"] [3/8"] [1/4"] [1/8"] [1/16"] x [height] x [width] x [slot opening and length]

Materials: [Type 304 Stainless Steel] [Plain Steel]

PART 3: EXECUTION

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