

# 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](mailto:info@heckmannanchors.com)  
Website: [www.heckmannanchors.com](http://www.heckmannanchors.com)

### 2.2 APPLICATIONS

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A. Provide anchoring systems that comply with the Building Code Requirements for Masonry Structures TMS 402-22.

B. ASTM A 36/A36M-14 Standard Specification for Carbon Structural Steel.

C. ASTM A1008/A1008M Sheet Metal Anchors and Ties (Plain Steel)

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

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

F. ASTM A240/A240M-15b Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Application.

G. ASTM A666-15 Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.

H. ASTM A653/A653M-11 Standard Specification for Steel Sheet, Zinc-Coated (Mill Galvanized)

I. ASTM D638 – Standard Specification for Tensile Properties of Plastics.

J. ASTM D695 – Standard Specification for Compressive Properties of Rigid Plastics.

## 2.3 MATERIALS

### A. NO. 442 HORSESHOE SHIM WASHERS

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

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: Materials: [Type 304 Stainless Steel] [Plain Steel]  
[thickness] [height] [slot opening and length]

## PART 3: EXECUTION

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