

# 185-P Plastic Shims  
#185-S Steel Shims

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 402-16.

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. 185-P PLASTIC SHIMS**

Thickness [1/16"] [1/8"] [1/4"] [3/8"] x Size [1" x 1"] [2" x 2"] [3" x 3"]

Material: High Density Plastic

### **B. NO. 185-S STEEL SHIMS**

Standard: Thickness [1/16"] [1/8"] [1/4"] [3/8"] x Size [1" x 1"] [2" x 2"] [3" x 3"]

Custom [thickness] x [width] x [length]

Materials: [Stainless Steel]

## **PART 3: EXECUTION**

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

B. Shim size shall distribute the loads to ensure that point loading does not affect stones performance.

C. Plastic Shims to have a minimum 10,000 lb compressive strength

D. Plastic Shims coefficient of linear expansion of 3 to 5 x 10<sup>-5</sup> inches/inch/°C