

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

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.

3) ASTM A276/A276M-24a Standard Specification for Stainless Steel Bars and Shapes.

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

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

E. ASTM A36/A36M-14 Standard Specification for Carbon Structural Steel.

F. ASTM A1008/A1008M-24 Sheet Metal Anchors and Ties (Plain Steel).

2.3 MATERIALS

A. NO. 185-P PLASTIC SHIMS

[185P13 1" x 1" 3/8"]

[185P23 2" x 2" 3/8"]

[185P24 2" x 2" 1/4"]

[185P28 2" x 2" 1/8"]

[185P216 2" x 2" 1/16"]

Material: High Density Plastic

B. NO. 185-S STEEL SHIMS

Thickness: [1/2"] [3/8"] [1/4"] [3/16"] [1/8"] [12 gauge] [14 gauge] [16 gauge]

Size: [width] x [length]

Materials: [Stainless Steel] [Plain Carbon 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 10-5 inches/inch/°C