

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

- E. ASTM A240/A240M-15b Standard Specification for Chromium and Chromium Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Application.
- F. ASTM A666-15 Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
- G. ASTM D638 – Standard Specification for Tensile Properties of Plastics.
- H. 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

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