

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
Website: 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 10⁻⁵ inches/inch/°C