# 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](http://www.heckmannanchors.com)

2.2 APPLICATIONS

1. Provide anchoring systems that comply with the Building Code Requirements for Masonry Structures TMS 402-22.
2. ASTM A 36/A36M-14 Standard Specification for Carbon Structural Steel.
3. ASTM A1008/A1008M Sheet Metal Anchors and Ties (Plain Steel).
4. Stainless Steel AISI [Type 304] or [Type 316].
5. ASTM A240/A240M-15b Standard Specification for Chromium and Chromium Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Application.
6. ASTM A666-15 Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
7. ASTM D638 – Standard Specification for Tensile Properties of Plastics.
8. ASTM D695 – Standard Specification for Compressive Properties of Rigid Plastics.

2.3 MATERIALS

1. **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

1. **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**

1. Install as specified in applicable Masonry section(s).
2. Shim size shall distribute the loads to ensure that point loading does not affect stones performance.
3. Plastic Shims to have a minimum 10,000 lb compressive strength
4. Plastic Shims coefficient of linear expansion of 3 to 5 x 10-5 inches/inch/°C