

#355 Spring-Loaded Dowel

SECTION 04 00 00 MASONRY  
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

A. Provide anchoring systems that comply with the Building Code Requirements for Masonry Structures TMS 402-16.

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

C. ASTM A580/A580M-15 Standard Specification for Stainless Steel Wire

2.3 MATERIALS

**A. NO. 355 SPRING-LOADED DOWEL**

[Diameter:[3/8"] [1/2"] [5/8"] [3/4"]] x [Dowel Length] x [Spring Length (same as dowel length)]

Materials: [Stainless Steel]

### **PART 3: EXECUTION**

- A. Install as specified in applicable masonry section(s).
- B. Spring length should be the same as the dowel length. Drill a hole in the stone that is 1.5 times the dowel length and 1/16" larger in diameter. Drill a hole in the other stone that is 1/2 the dowel length. Insert the Spring end first into the deeper hole and compress into place with a flat piece of steel. Slide the other stone into place until the holes line up and remove the piece of steel allowing the dowel to spring into the smaller dowel hole.