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SUBMITTAL SHEET: #355 SPRING-LOADED DOWELS

Spring-Loaded Dowels are used to anchor adjacent stone panels to each other.

Made To Order: Specify Diameter of Dowel 3/8", 1/2", 5/8" or 3/4". Specify Length of Dowel. The spring should be the same length as the dowel. The spring compresses to 1/2 of its uncompressed length. Available only in Stainless Steel. (For Regular Dowels See Product # 155 Dowels)

Pins are shaved 1/2" for placement of the spring. Drill a hole 1 1/2 times deeper than the length of the Dowel (minus the spring). Insert the Spring End first into the hole and place a flat piece of steel up to the Dowel. (Fig 1.) Drill a hole in the 2nd stone 1/2 the length of the Dowel. Slide the stone into place (Fig. 2). Pull the steel piece out so the Dowel will spring back into the hole (Fig 3).

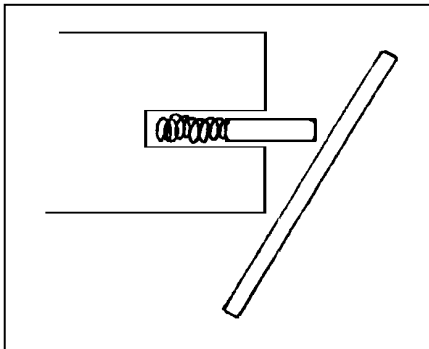


Figure 1

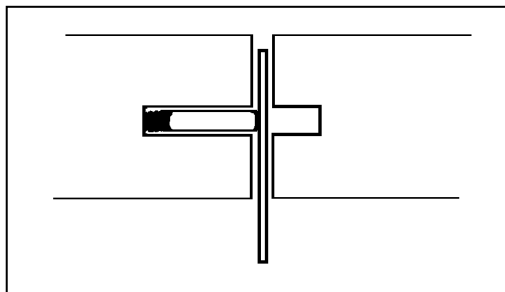


Figure 2

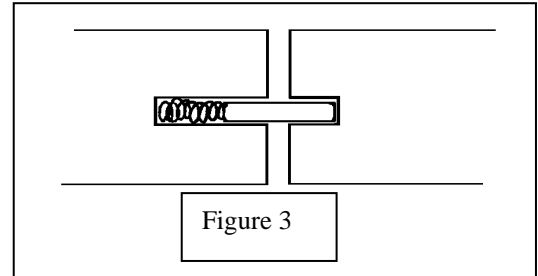


Figure 3

Example: 3/8" x 3" Dowel required. Spring will be 3 1/2" long – overlapping dowel 1/2" on shaved end. Hole in Stone will be 4 1/2" deep to receive entire compressed spring and dowel (Figure 1). Hole in other stone will be 1 1/2" deep.

Stainless Steel:

Sheet metal anchors and ties: ASTM A 167 AISI Type 304.

Plate and bent bar anchors: ASTM A 666 AISI Type 304.

Wire ties and anchors: ASTM A 580 AISI Type 304.

Round Rods: ASTM A276 AISI Type 304.

Approvals:

Comments: