

Submittal Sheet
#216 Wire-Type Column Anchors

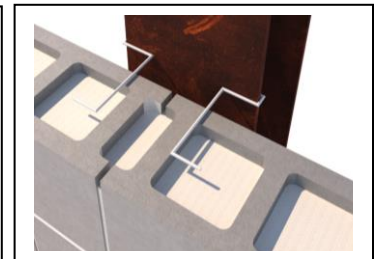
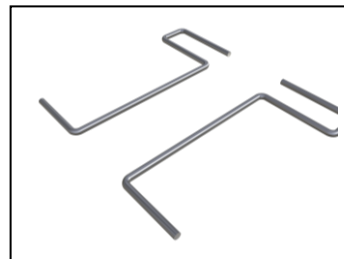
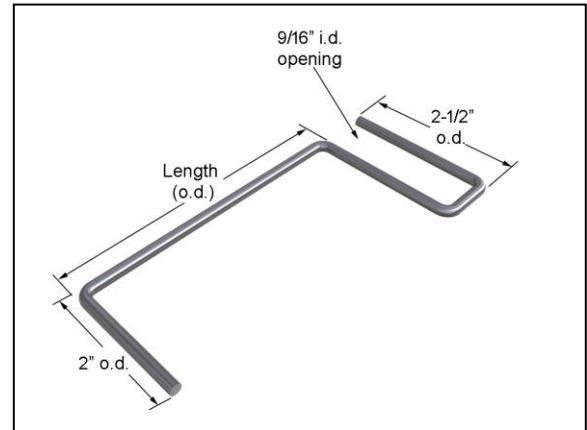
Used to tie masonry walls to steel columns with the column flanges parallel to the wall. Installed in pairs.

Lengths are measured from the inside of the flange loop to the masonry bend.

Test Data:

Anchors were tested in pairs by placing them onto the flat stock so that both wires were lying in the same vertical plane. The 2" (50.8mm) masonry bends were clamped and attached to a load cell. The test was to determine failure at the loop that hooks onto the beam.

1/4" diameter failure at 1,542 pounds
3/16" diameter failure at 816 pounds



Standard **Special**

Standards:

Diameter: 3/16" 1/4"

Length: 3" 5" 7"

Finish: Hot Dip Galvanized Mill Galvanized

Specials:

Thickness: 1/4" 3/16" Length: _____

Finish: Stainless type 304 Hot Dip Galvanized
 Mill Galvanized

Quantity (pcs): _____

Material Specifications

Stainless Steel: Sheet metal anchors and ties: ASTM A 167, ASTM A 666, ASTM A 240/A240M AISI Type 304.

Wire ties and anchors: ASTM A 580 AISI Type 304

(AISI Type 316 available upon request)

Hotdip Galvanized: ASTM A 153 Class B-2: (1.50 oz/ ft²)(0.46kg/m²)

Mill Galvanized: Sheet metal anchors and ties: ASTM A 653 G60

Wire: ASTM A 641 (0.1 oz/ ft²)

Plain Carbon Steel: ASTM A1008/A1008M Structural Steel ASTM A36/A36M-08

Wire: ASTM A 82/A82M Tensile Strengths 80,000 psi Yield Point 70,000 psi