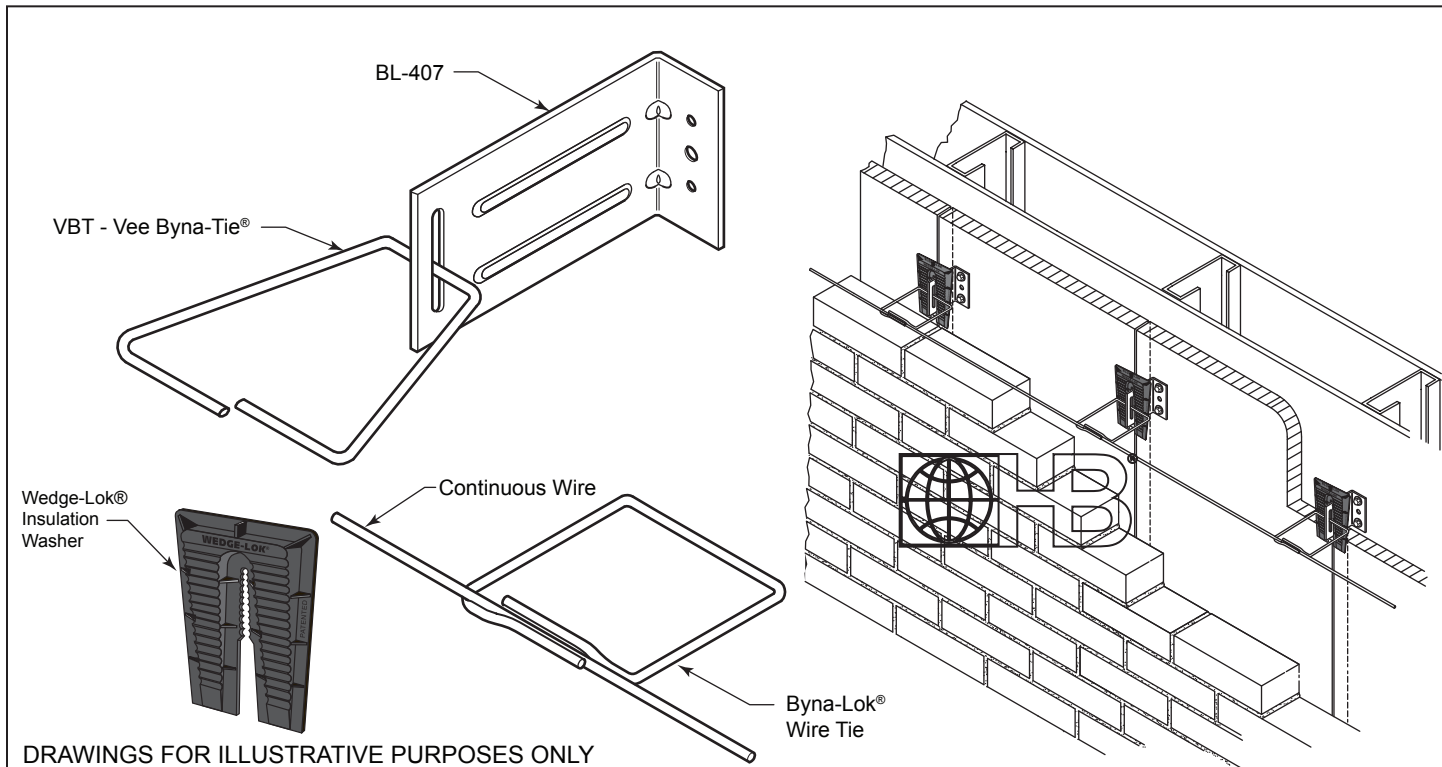




HOHMANN & BARNARD, INC.
A MiTek - BERKSHIRE HATHAWAY COMPANY

Seismic Anchors and Ties

BL-407 - w/Byna-Lok



DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

BL-407 is a wire tie and plate combination system that provides adjustability, strength, stiffness, positive connection, corrosion-resistance, and is test rated.

Byna-Lok™ Wire Tie (seismic applications): 3/16"Ø x 3", 4", or 5" length

Wire (Carbon Steel): Prefabricated from cold-drawn steel wire conforming to **ASTM A82/A82M**

Tensile Strength - 80,000 psi | Yield Point - 70,000 psi minimum
Zinc Coating:

Hot-Dip Galvanized after fabrication: **ASTM A153/A153M-B2** (1.5 oz/ft²)

Note: Hohmann & Barnard will certify to a minimum of 2.0 oz/ft²

Wire (Stainless Steel): **ASTM A580/ASTM 580M** - AISI Type 304

(Type 316 available on special order)

Sheet Metal (Carbon Steel):

ASTM A1008/A1008M

Zinc Coating: Hot-Dip Galvanized: (refer to wire above)

Note: Hohmann & Barnard will certify to a minimum of 2.0 oz/ft²

Sheet Metal (Stainless Steel):

ASTM A 666, ASTM A480, ASTM A240/A240M, and ASTM A167 - AISI Type 304 (Type 316 available on special order)

H&B manufactures steel wire products from a minimum of 95% post-consumer recycled material.

NOTE: Use the 523 Brass Expansion Bolt (in center hole of plate) when fastening to concrete, block, brick and mortar joints. The combination of the 523 Bolt and the BL-407 plate is called the BL-5407.

BL-407 Backplate Style (16 gauge) Insulation Thickness

| | |
|--|------|
| <input type="checkbox"/> BL-407 (0") | 0" |
| <input type="checkbox"/> BL-407 (1") | 1" |
| <input type="checkbox"/> BL-407 (1 ½") | 1 ½" |
| <input type="checkbox"/> BL-407 (2") | 2" |
| <input type="checkbox"/> BL-407 (2 ½") | 2 ½" |
| <input type="checkbox"/> BL-407 (3") | 3" |
| <input type="checkbox"/> BL-407 (3 ½") | 3 ½" |
| <input type="checkbox"/> BL-407 (4") | 4" |

Finish:

- Hot-Dip Galvanized **NOTE:** Hohmann & Barnard recommends Stainless Steel for maximum protection against corrosion
- Stainless Steel

Byna-Lok™ Tie Length (3/16"Ø): Continuous Wire:

- 3" 4" 5" | 9 gauge 3/16"Ø (standard)

- Wedge-Lok® Insulation Washer** (Optional)

For non-seismic applications:

Vee Byna-Tie® Length:

- 3" 3 ½" 4" 4 ½"
- 5" 6" 7" Other _____

Vee Byna-Tie® Diameter:

- 3/16"Ø (standard) 1/4"Ø (heavyweight)

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