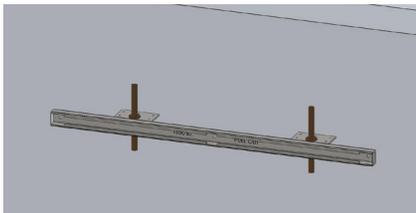
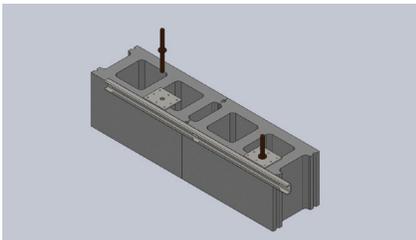


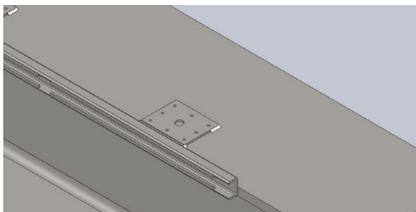
## Wall Inserts



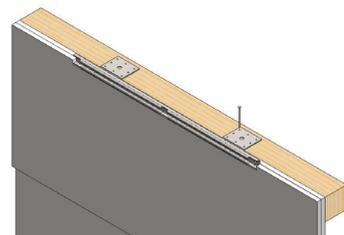
**A. Mounted to Concrete Walls**



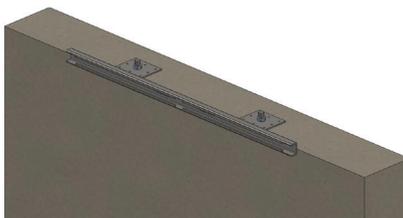
**B. Mounted to Block Concrete Walls**



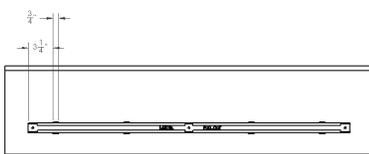
**C. Mounted to Building Frame**



**D. Mounted to Wood/Sheetrock**



**E. Mounted to Concrete Walls with Anchor Bolts**



**F. Weld Detail**

### Product Description

Wurtec's new insert has been designed specifically for the elevator industry. Its low profile allows it to be mounted easily on wood walls with drywall finish, embedded in block/concrete, or surface mounted wherever required. The hex head of a 5/8 bolt can be inserted into the channel at the notch provided. Once in the insert the bolt will not turn.

### Mounting Instructions

#### A. Poured Concrete Walls

1. Nail insert into concrete form using the holes provided
2. Insert 1/2" anchor assemblies into center holes of each of the mounting plates
3. Pour Wall
4. Remove foam from insert

#### B. Block Concrete Walls

1. Fit mounting plates making sure that mounting plates are located so that the center holes are above the voids (openings) in the concrete blocks
2. Set in place so that the tab is fully inside the wall
3. Insert 1/2" dia. Rebar assemblies into center holes of each of the mounting plates
4. Lay the next row of concrete blocks
5. Fill the voids in the concrete blocks with concrete

#### C. Welded to Building Frame

1. Locate insert on I-beam or other structural support
2. Weld mounting plates to the structural support with (4) 1/4" X 3/4" long welds on each plate
3. Welds must be perpendicular to the insert channel

#### D. Wood Structure/Sheetrock Walls

1. Locate insert as required depending on sheetrock thickness
2. Drive (8) 16d nails through the small mounting holes in each mounting plate. Size 9 round head wood screws could also be used.

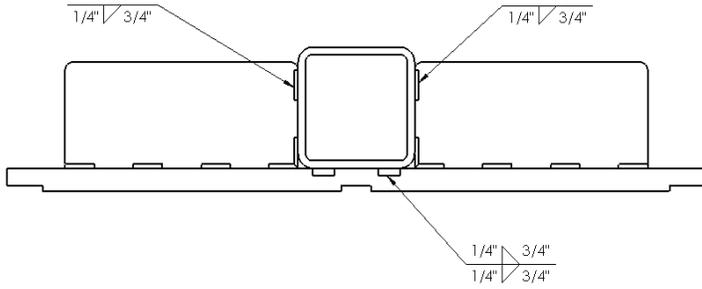
#### E. Anchor Bolts in Poured Concrete

1. Drill into concrete a minimum of 4" (102mm) deep. Concrete must be at least 6" thick.
2. Clean debris from hole.
3. Insert anchors a minimum of 3.25" (83mm) deep in the clean drilled hole (Use Hammer.)
4. Tighten nuts to 40ft\*lb (54Nm)

\*1/2" diameter Hilti Kwik Bolt 3 Expansion Anchor with a minimum embedment of 3 1/4" deep or equivalent should be used.

#### F. Weld Detail for 20-200-XXp

1. Place Min (4) 1/4" x 3/4" Lg. fillet welds top and bottom. 3 1/4" from each end and at approximately equal distances dividing space between welds into thirds.



G. Weld Detail for 20-200-XX-XW

**G. Weld Detail for 20-200-24-4W, -24-6W, -24-8W, -30-4W, -30-6W, & -30-8W**

1. Place Min (2)  $\frac{1}{4}$ " x  $\frac{3}{4}$ " Lg. fillet welds on top of weld gussets and (4) on top and bottom of channel.

**NOTICE:**

**Wurtec does not have control of the quality and or consistency of the material the insert is being attached to. Therefore, Wurtec only rates the insert itself.**