

“HAT SPACERS” WELDED IN BY EXPI-DOOR® PRIOR TO ASSEMBLY

Figure 1

HAT SPACER REINFORCEMENT

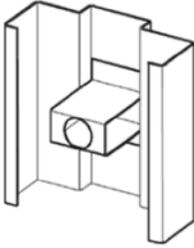
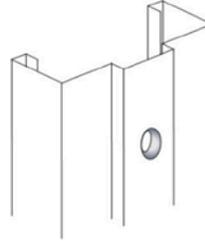


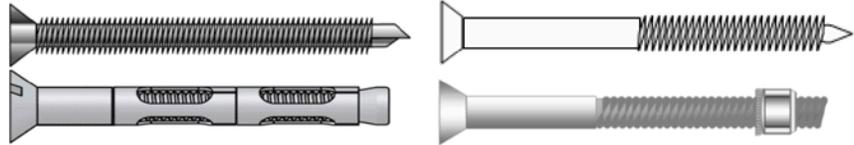
Figure 2

JAMB SOFFIT DIMPLED



Frame is dimpled for one of the below
Shown anchor or fastener. Dimples are
in the center of the frame soffit. Dimples
Are located approximately 30" on center.

_SELF-DRILLING ANCHOR SCREW
_EXPANDABLE CONCRETE SLEEVE ANCHOR
_WOOD ANCHOR SCREW
_THREADED-ROD with LOCK-NUT & WASHER

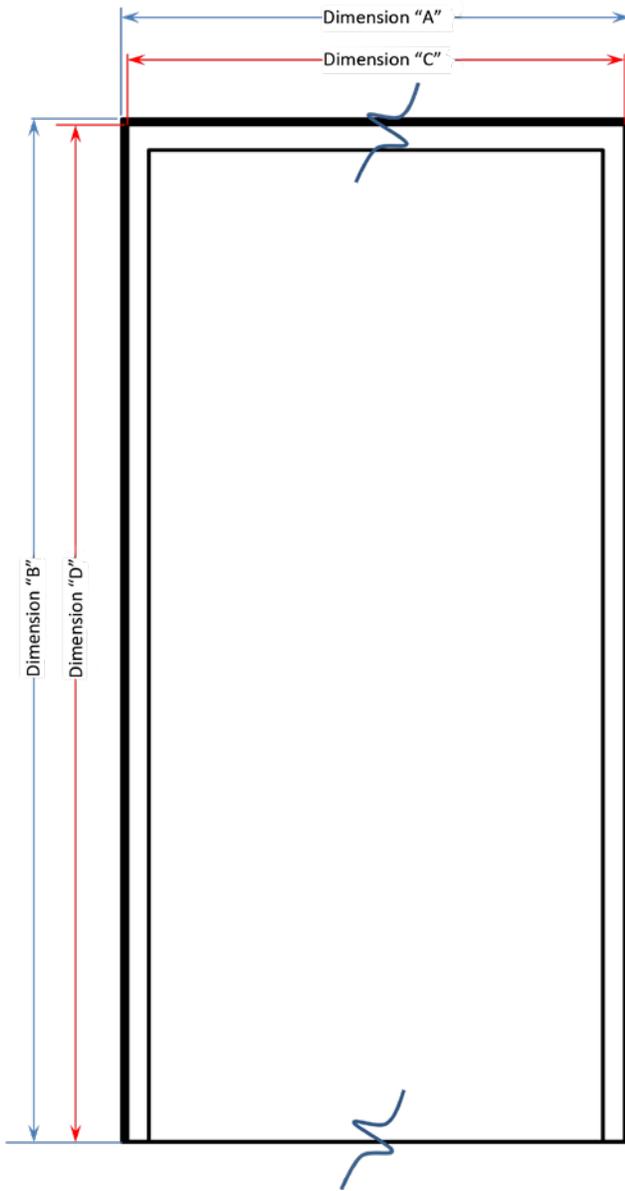


- **Material:** 16 gauge Galvannealed Steel
- **Supplied (figure 1):** Welded in jamb throat prior to assembly
- **Soffit Prep (figure 2):** Jambs shall be drilled & dimpled in center of jamb soffit. Dimples shall be “staggered” or off-set on wider jamb profiles typically from 8” up to 14-3/4” jamb width (depth)
- **Application:** Arrives at job site with hat spacers welded into frame and face of jamb soffit, punched and dimpled, typically in four locations per jamb for doors up to 8’ in height
- **Hardware:** Appropriate anchor screws, anchors, or anchor fasteners provided and shipped loose
- **Wall Construction:** Poured concrete, concrete block (CMU), steel stud, wood stud, steel cee-channel (pre-engineered metal building)
- **Available Fire-Rating:** 45 minute or “C” Label UL, 90 minute or “B” Label UL, 3 hour or “A” Label UL
- **Locations of Preps:** Pre-determined by EXPI-DOOR, or place at locations requested by customer, if the door is to replace an existing replacement door which already consists of a “EMA” prepped door system.

INSTALLATION:

1. Stand assembled door in opening and brace-in-place once frame is plumb and square. *Optional: Unlatch and open the door to avoid damage by drill to the door leaf.
2. Mark holes on wall or drop drill bit directly through holes to create anchor bores in the rough opening material.
3. Insert anchors and tighten down.
4. Grout or caulk all meetings between the frame and the wall or floor.
5. Drill for threshold anchors by inserting drill bit directly through holes to create anchor bores in the floor.

ROUGH OPENING INFORMATION:



WIDTH:

Rough Opening Dimension "A"

3'0"x7'0" = 3'-4 1/4"
 3'4"x7'0" = 3'-8 1/4"
 3'6"x7'0" = 3'-10 1/4"
 3'8"x7'0" = 4'-0 1/4"
 4'0"x7'0" = 4'-4 1/4"
 6'0"x7'0" = 6'-4 1/4"
 7'0"x7'0" = 7'-4 1/4"
 8'0"x8'0" = 8'-4 1/4"

Frame Overall Dimension "C"

3'0"x7'0" = 3'-4"
 3'4"x7'0" = 3'-8"
 3'6"x7'0" = 3'-10"
 3'8"x7'0" = 4'-0"
 4'0"x7'0" = 4'-4"
 6'0"x7'0" = 6'-4"
 7'0"x7'0" = 7'-4"
 8'0"x8'0" = 8'-4"

HEIGHT:

Rough Opening Dimension "B"

2" Header Profile
 6'-8" Door = 6'-10 1/4"
 7'-0" Door = 7'-2 1/4"
 8'-0" Door = 8'-2 1/4"
 9'-0" Door = 9'-2 1/4"
 4" Header Profile
 6'-8" Door = 7'-0 1/4"
 7'-0" Door = 7'-4 1/4"
 8'-0" Door = 8'-4 1/4"
 9'-0" Door = 9'-4 1/4"

Frame Overall Dimension "D"

2" Header Profile
 6'8" Door = 6'-10"
 7'-0" Door = 7'-2"
 8'-0" Door = 8'-2"
 9'-0" Door = 9'-2"
 4" Header Profile
 6'-8" Door = 7'-0"
 7'-0" Door = 7'-4"
 8'-0" Door = 8'-4"
 9'-0" Door = 9'-4"

FAQ/TROUBLESHOOTING:

Question/Concern: Anchor slips inside bore and won't grip or is too loose inside bore. How can I now utilize this anchor prep in the frame and in the wall if it is drilled too large for the provided anchor?

Answer:

1. Wrap the end of the anchor with duct or masking tape to add circumference to the anchor and help "fill" the anchor bore in the rough opening material.
2. Apply special epoxy (type, style, and color/material determined by installer) into the anchor bore, then reinsert the anchor. In this process, you can either leave the anchor just as is and allow the epoxy to secure it in place only, or you can allow the epoxy to fully cure, then attempt to tighten the anchor down with your driver.