

INSTALLATION INSTRUCTION

PLASTIC LAMINATE SERIES

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BUILDING VALUE SINCE 1906

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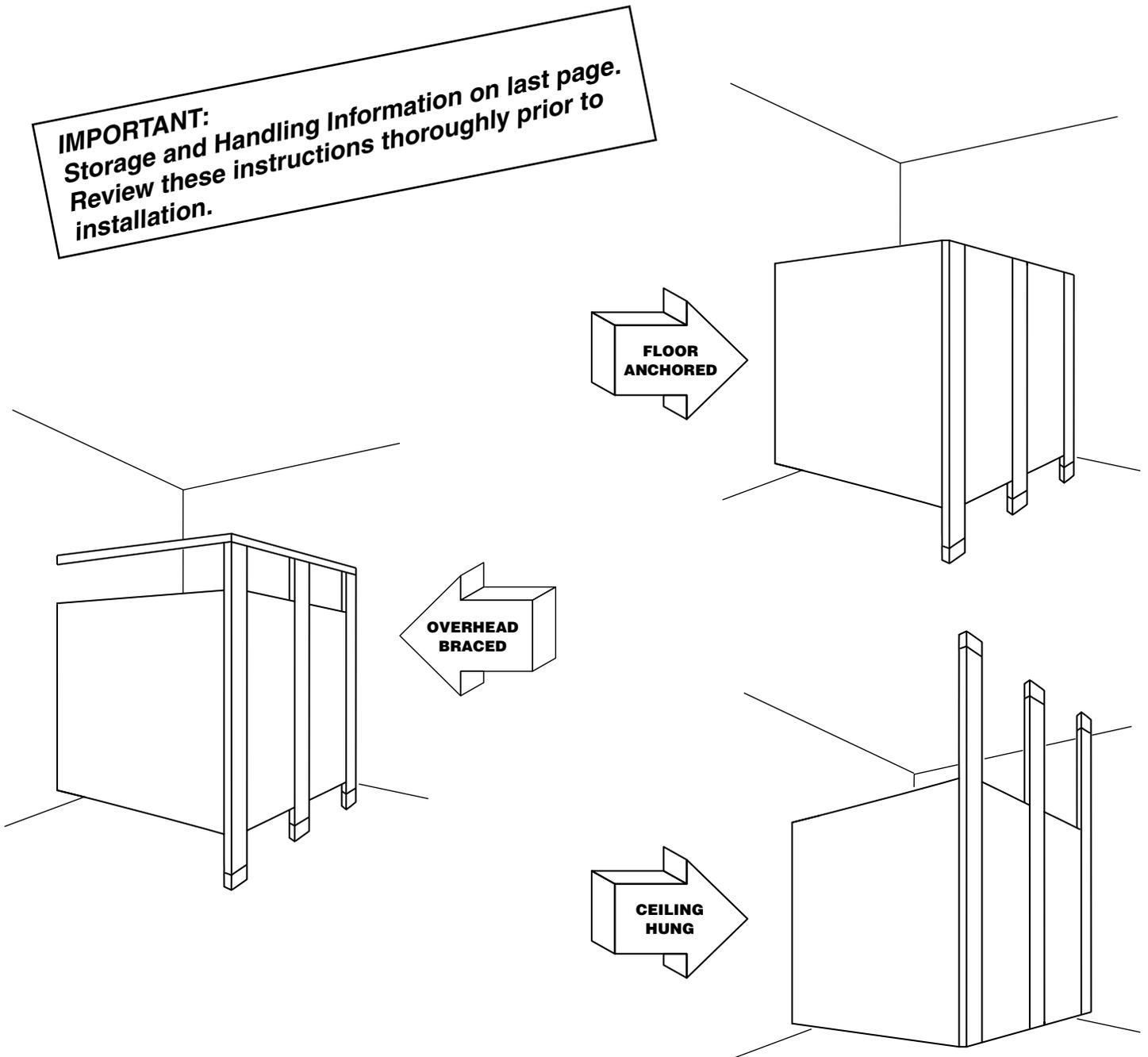
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INSTALLATION INSTRUCTIONS

LAMINATED PLASTIC TOILET PARTITIONS

*1030 TrimLineSeries™ • 1040 DesignerSeries™
Includes continuous hardware option .65.*

IMPORTANT:
Storage and Handling Information on last page.
Review these instructions thoroughly prior to
installation.



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PREPARATION

PRE-INSTALLATION.

- A. Structural support in walls and floors is not furnished by Bobrick. Confirm that adequate backing is present in wall, ceiling and floors prior to installation.
- B. This installation booklet must be used with the Bobrick layout sheets.
- C. You may verify hardware receipt by cross-referencing the last page of the layout sheets against the box contents.

INSTALLATION STEPS.

1. Lay Out All Anchor Locations..... Page 3
2. Install All Anchors Page 4
3. Install Wall Brackets and Wall Posts..... Page 7
4. Position Panels..... Page 9
5. Install Stile-To-Panel Brackets..... Page 9
6. Install Stiles Page 11
7. Install Headrail (if applicable) Page 12
8. Install Inswing Doors Page 13
9. Install Outswing Doors Page 15
10. Install Shoes Page 17
11. Finishing And Cleanup Page 18



- A. Organize components with appropriate hardware.
- B. When calculating distances to centerlines, all panels, stiles, and doors are 1" (25mm) thick.
- C. Look for panel-to-stile offsets indicated on the layout sheets.

- D. Drilling into the steel core stile requires a larger pilot hole to avoid screw heads popping off; see pilot hole sizes on page 5.
- E. Outswing doors are supplied with brass inserts for through-bolting both the hinges.
- F. Keepers are not drilled to allow easier stile leveling.
- G. Doors are not pre-drilled for clothes hooks.
- H. On inswing doors the latch track projects past the edge of door to act as a doorstop.
- I. Remove debris from all drilled holes.

RECOMMENDED TOOLS.

CAUTION: Be sure to use proper safety gear.

1.  Chalk Line
2.  Plumb-bob
3.  Masking Tape (for laying out holes on floors/walls/ceilings to be drilled)
4.  Tape Measure and Pencils
5.  Center Punch
6.  Electric and/or Battery-Powered Drill
7.  Drill Bits
#19 (.166")
3/16" (4.7mm)
3/8" (9.5mm) for Concrete/Masonry
7/16" (11mm)
8.  Screwdrivers/Screwdriver Bits slotted and phillips, #2 and #3
9.  Pin-in-Head Torx Screw Driver – (to install door hardware) – Supplied by Bobrick
10.  Shims
11.  Adjustable Supports
1-1/2" to 12" (40–105mm)
12.  Level
13.  Wrench – Adjustable or 9/16" (14mm) open end (2 req'd. for adjusting hex nuts on anchors)
14.  Allen Wrench – 5/64" (2mm) (to install door latch)—Supplied by Bobrick.
15.  Hack Saw
16.  Hammer

STEP 1 LAY OUT ALL ANCHOR LOCATIONS

LAYOUT EXAMPLES.

LEGEND:  Obtain Dimension from Bobrick Layout Sheet.

Fig. 1a: Floor-Anchored or Ceiling-Hung Front-Entry Corner Layout.

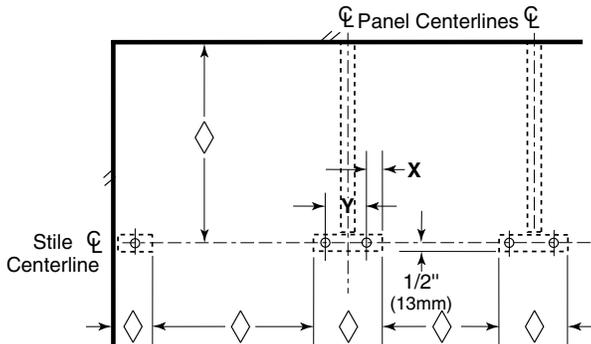


Fig. 1c: Floor-Anchored or Ceiling-Hung Alcove Closed Layout. Inswing Door

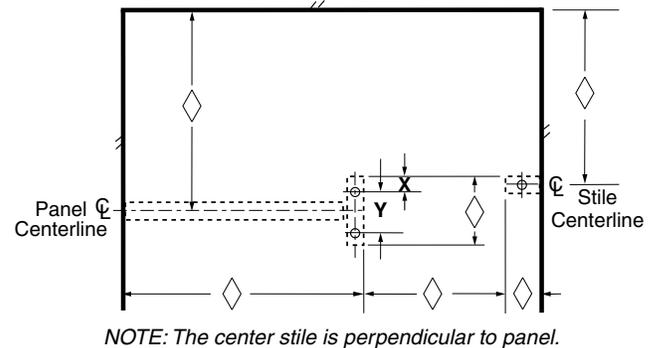


Fig. 1b: Overhead-Braced Alcove Closed Layout.

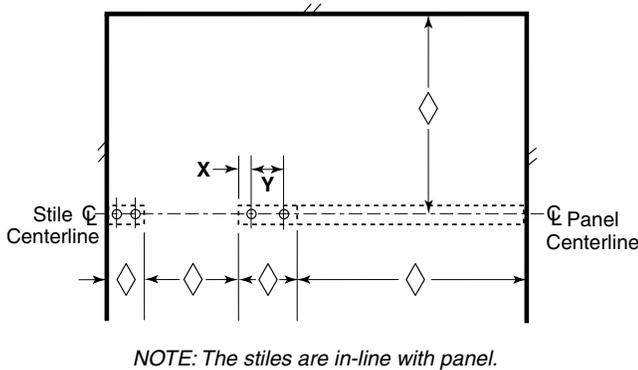
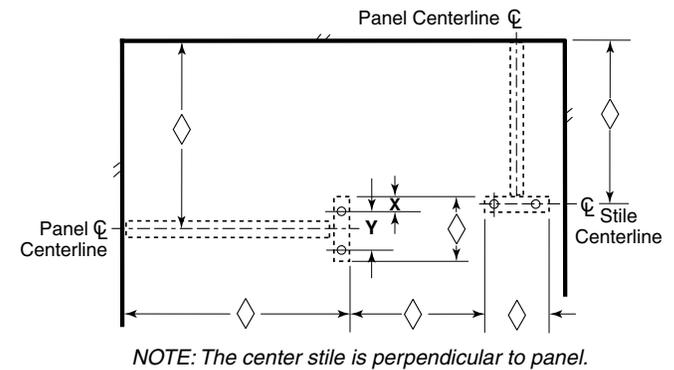


Fig. 1d: Floor-Anchored or Ceiling-Hung Alcove Closed Layout. Outswing Door

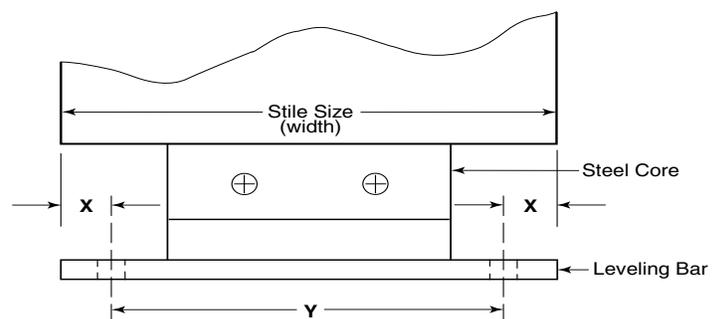


X Dim. = Stile Edge to Centerline of Mounting Hole. Y Dim. = Centerline-to-Centerline of Mounting Hole.

- Refer to Bobrick layout sheets for component locations on your specific application.
- From back wall, measure and mark the location of the stile centerline. Stile centerline = 1/2" (13mm) + panel length + gaps specified on layout sheets.
- From side wall and center of stile location, measure dimensions for floor or ceiling anchors according to layout sheet. Refer to the drilling table for center-to-center distances between anchors. For example: Centerline of floor anchor from edge of stile is 5/8" (16mm); dimension on 3" (8cm) stile is 1-1/2" (38mm).

DRILLING TABLE FOR DRILLING FLOOR OR CEILING ANCHORS			
Stile Size (width)	No. of Holes	X Dim.	Y Dim.
3" (8cm)	1	1 1/2" (38mm)	—
4" (10cm)	2	5/8" (16mm)	2 3/4" (7cm)
5" (13cm)	2	5/8" (16mm)	3 3/4" (10cm)
6" (15cm)	2	5/8" (16mm)	4 3/4" (12cm)
8" (20cm)	2	5/8" (16mm)	6 3/4" (17cm)
10" (25cm)	2	5/8" (16mm)	8 3/4" (22cm)
12" (30cm)	2	5/8" (16mm)	10 3/4" (27cm)
16" (41cm)	2	5/8" (16mm)	14 3/4" (38cm)
20" (51cm)	2	5/8" (16mm)	18 3/4" (48cm)
24" (61cm)	2	5/8" (16mm)	22 3/4" (58cm)

Fig. 1e: Detail of Typical Stile



NOTE: 16", 20", 24" (41, 51, 61cm) stiles have 2 leveling bars. Use the 2 outside slots for the 2 anchors.

STEP 2 INSTALL FLOOR ANCHORS

Fig. 2a: Finished Detail of Floor Anchor.

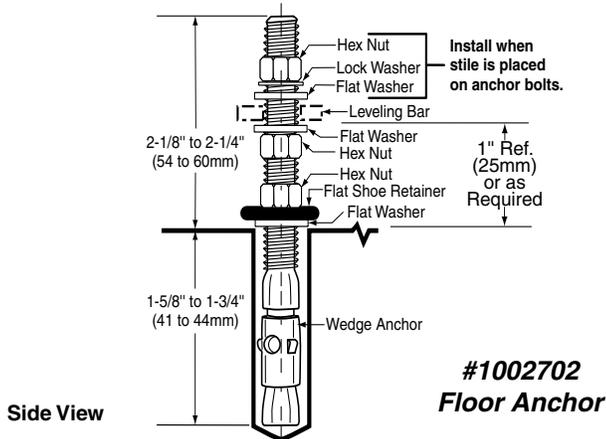
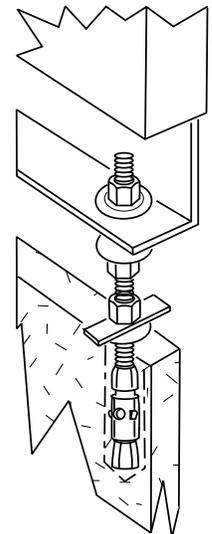


Fig. 2b: Floor Anchor Attached to Stile. (3-Dimensional View)



PARTS NEEDED:

#1002701 Floor Anchor Packet
(includes: 3 Hex Nuts, 3 Flat Washers, Wedge Anchor, Lock Washer, Flat Shoe Retainer)

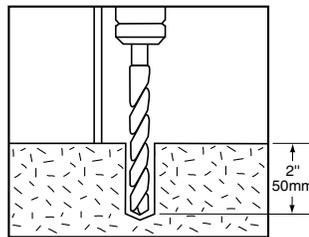
TOOLS NEEDED:

Hammer
Drill
3/8" (9.5mm) Concrete/Masonry Bit
Wrench (Adjustable or 9/16" open end)

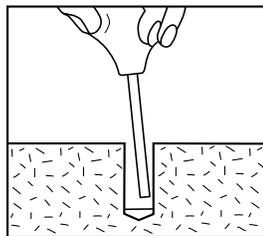
HINTS/NOTES:

3/8" x 2" hole needed to install #1002701 Floor Anchor. Use concrete/masonry drill bit. Floor Anchors for wood floors are available upon request.

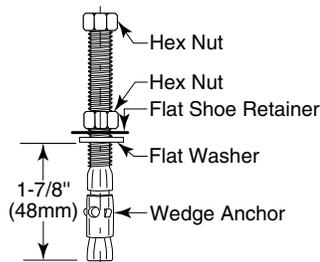
- A. Drill a 3/8" (9.5mm) hole to 2" (50mm) minimum depth.



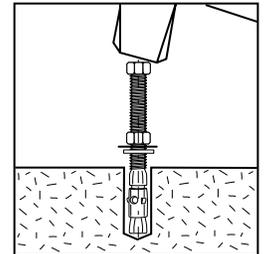
- B. Remove all loose material/debris from hole.



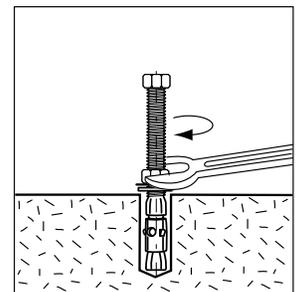
- C. Add Flat Washer, Flat Shoe Retainer, Hex Nut to Wedge Anchor so that Flat Washer is 1-7/8" (48mm) from the bottom of the anchor to ensure proper installation depth. Thread 2nd Hex Nut loosely to top of Anchor to prevent stripping or damaging threads during installation.



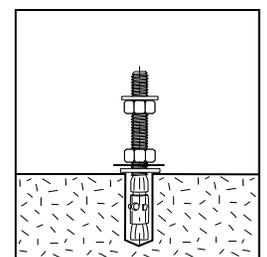
- D. Insert Anchor into hole with threaded end up. Use hammer to drive the Anchor into hole until Flat Washer is flush with concrete surface (depth set in STEP C).



- E. Use Wrench to tighten Hex Nut until anchor is firmly set (2-4 full turns past finger tight position). Anchor bolt will move up approx. 1/16" (1.6mm) for every full turn of Hex Nut.



- F. Spin down top Hex Nut. Add Flat Washer.



NOTE: Do NOT add 3rd Hex Nut, Lock Washer, and 3rd Flat Washer until stiles are attached to Floor Anchor.

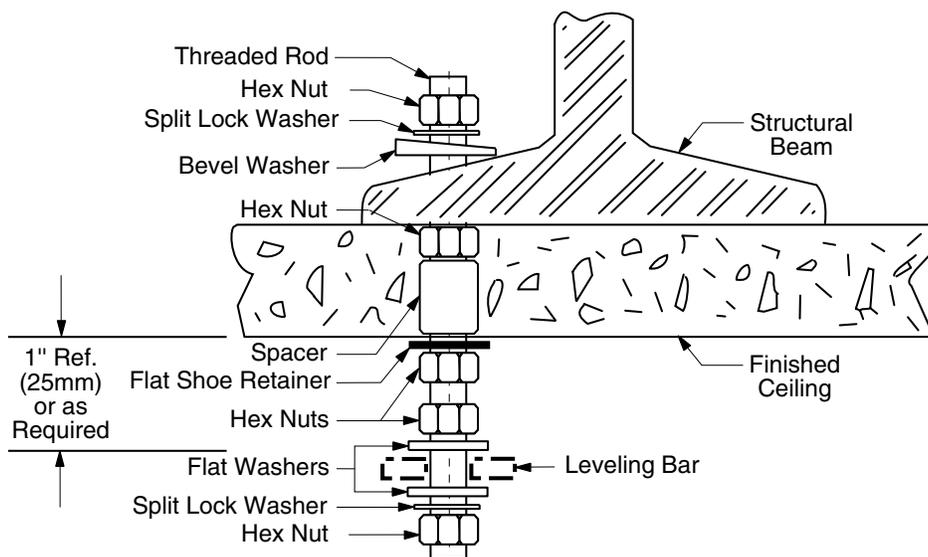
STEP 2 INSTALL CEILING ANCHORS

CEILING ANCHORS.

NOTE: Ceiling anchors are to be installed before finished ceiling is applied. All structural framing is to be furnished by others. For Bobrick recommendations, refer to Bobrick Form No. TB-32.

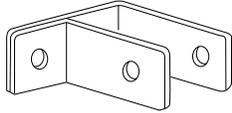
- A. Drill 7/16" (11mm) diameter hole through structural beam. Insert threaded rod through hole in beam. Rod is furnished standard 6" (150mm) length. Longer rods should be purchased locally if required.
- B. Place a bevel washer and lock washer over rod. Screw on one hex nut.
- C. Install second hex nut against bottom of beam and tighten.
- D. Install spacer, shoe retainer, flat washer, and a third hex nut. Make sure shoe retainer is in proper position to accept shoe (see Fig. 10a for proper shoe retainer position).
- E. Install remaining flat washers (2), lock washer (1), and hex nuts (2), as shown in Fig. 2b.
- F. Repeat process for each ceiling anchor.

Fig. 2b: Detail of Ceiling Anchor.



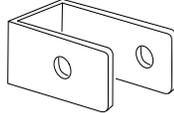
BRACKETS AND SCREWS

F-bracket



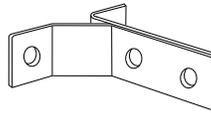
#1000353
Internal Panel to Wall

U-bracket



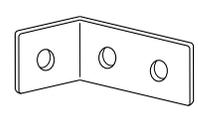
#1000356
Internal Panel to Stile

Y-bracket



#1000974
External Panel or Stile
to Wall or Panel

L-bracket



#1000351
External Panel to Stile



#1002500
#12 x 3/4" Pin-in-Head Torx Screw
Panel/Stile Screw



#1002495
#12 x 2" Pin-in-Head Torx Screw
Wall Screw

Pilot Hole Sizes—

- #19 (.166) x 3/4" (19mm)
- For attachment of brackets to panels.
- Do not through-drill.

- 3/16" x 3/4" (4.7 x 19mm)
- For attachment of U-brackets, L-brackets
or Y-brackets to steel-core stiles only.
- Do not through-drill.

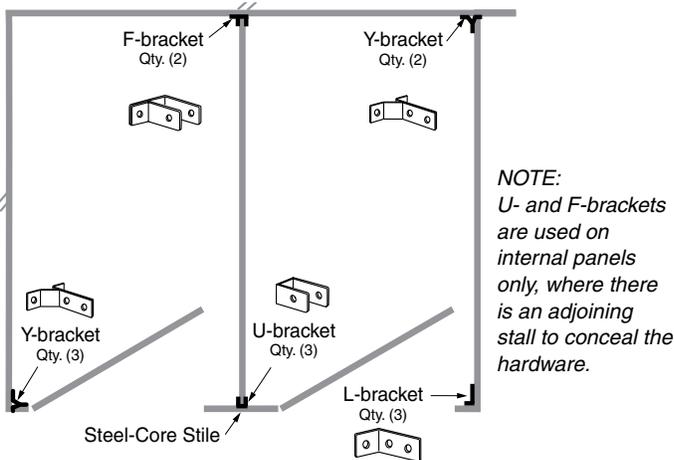
- #19 (.166) x 2" (50mm)
- For attachment of all wall brackets to
stud backing.

NOTE: Adequate wall backing is required. High-quality drill bit is suggested for drilling into steel-core stiles.

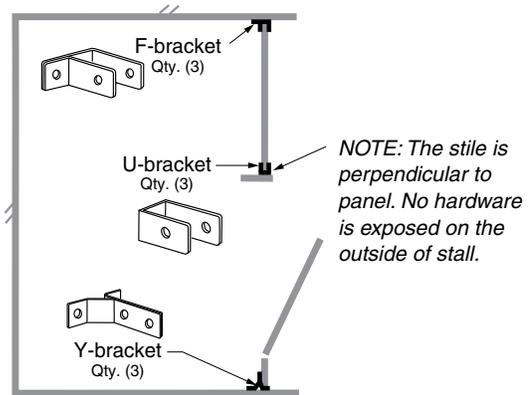
COMMERCIAL HARDWARE

EXAMPLE BRACKET APPLICATIONS.

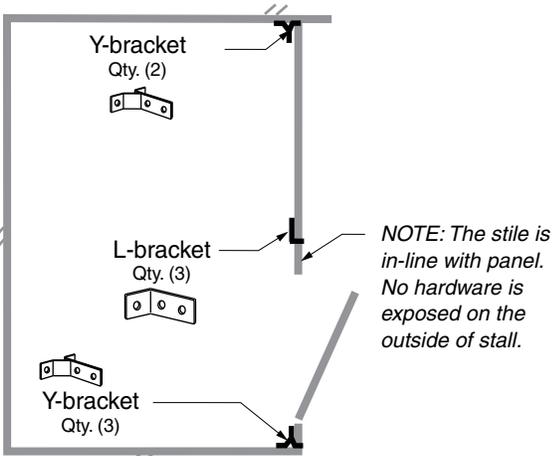
Front-Entry Corner Layout.



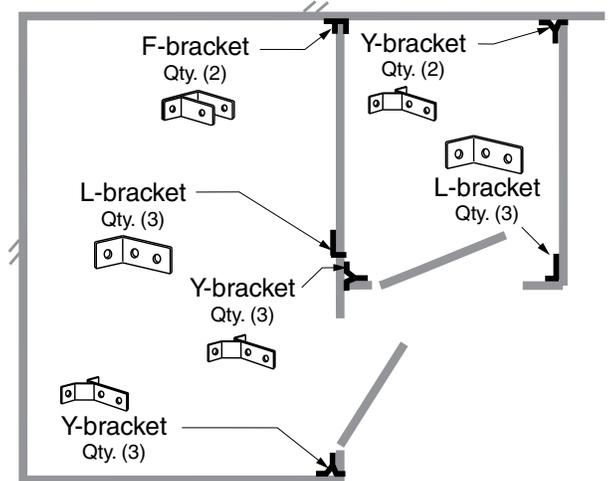
Floor-Anchored or Ceiling-Hung Alcove Closed Layout.



Overhead-Braced Alcove Closed Layout.

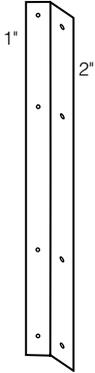


Overhead-Braced Alcove Open Layout and Adjoining Front-Entry Stall.



BRACKETS AND SCREWS

Angle Bracket



#1001371
2 each for:
Stile-to-Wall
Panel-to-Wall

Strip Bracket



#1001375
Panel In-Line with Stile

U-Channel Bracket



#1001365
Panel-to-Stile
Panel-to-Wall (optional)



#1002500
#12 x 3/4" Pin-in-Head Torx Screw
Panel/Stile Screw



#1002495
#12 x 2" Pin-in-Head Torx Screw
Wall Screw

Pilot Hole Sizes—

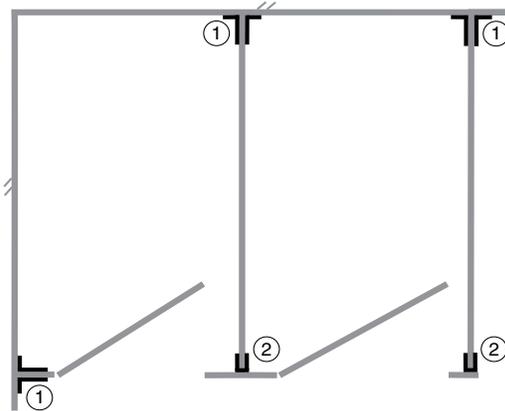
- #19 (.166) x 3/4" (19mm)
- For attachment of brackets to panels.
- Do not through-drill.
- 3/16" x 3/4" (4.7 x 19mm)
- For attachment of U-brackets, L-brackets or Y-brackets to steel-core stiles only.
- Do not through-drill.
- #19 (.166) x 2" (50mm)
- For attachment of all wall brackets to stud backing.

NOTE: Adequate wall backing is required. High-quality drill bit is suggested for drilling into steel-core stiles.

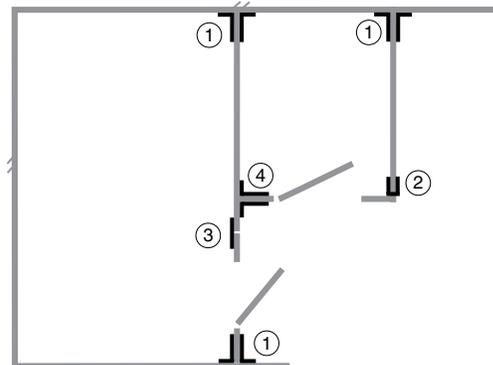
EXAMPLE BRACKET APPLICATIONS.

- 1 — #1001371 Angle Bracket
8 — #1002495 Wall Screw
8 — #1002500 Panel/Stile Screw
- 1 — #1001365 U-Channel Bracket
12 — #1002500 Panel/Stile Screw
- 1 — #1001375 Strip Bracket
8 — #1002500 Panel/Stile Screw
- 2 — #1001371 Angle Bracket
16 — #1002500 Panel/Stile Screw

Front-Entry Corner Layout.



Alcove Closed Layout and Adjoining Front-Entry Stall.



CONTINUOUS HARDWARE

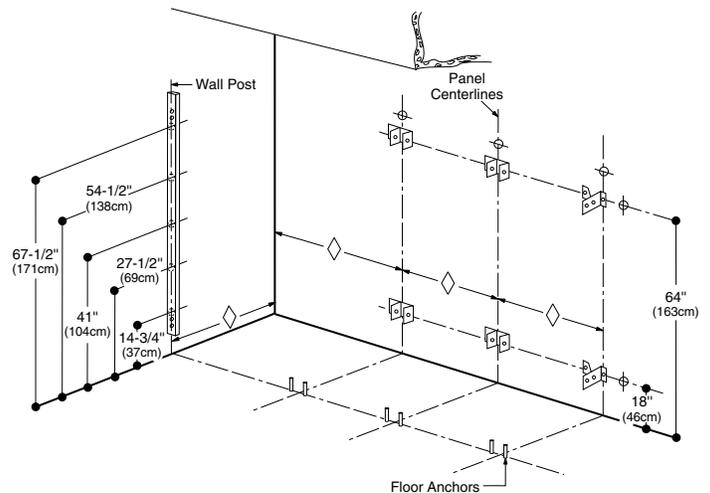
STEP 3 INSTALL WALL BRACKETS AND WALL POSTS

- Measure and mark the locations of centerlines for all the stiles and panels on walls.
- Using the wall brackets as templates, measure and mark the location of all mounting holes, plumb according to dimensions shown in illustrations (Fig. 3a, 3b, 3c).
- Use #19 (.166) drill bit for 2" (50mm) deep pilot holes into adequate wall backing.
- Secure wall brackets with #1002495 screws.

⊕ These mounting points require wall backing.

◇ Obtain Dimension from Bobrick Layout Sheet.

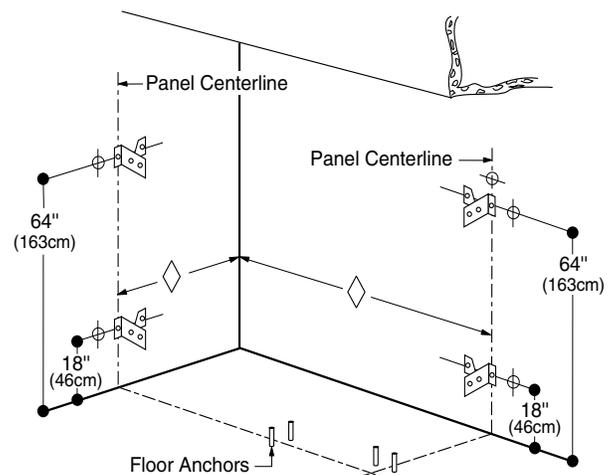
Fig. 3a: Front-Entry Corner Layout with Wall Post.



WALL POST #1002250

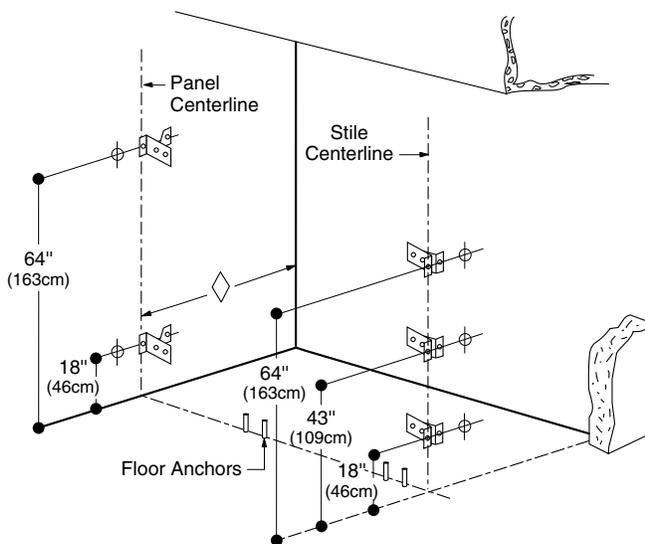
- Determine the location and hand of the 1" x 1-1/2" (25 x 40mm) stainless steel wall post being installed. Outside edge of wall post to be in-line with outside edge of keeping stile. The wall must have adequate backing at mounting location to support door hung in place.
- Install wall post at given height and fasten, plumb in both directions to wall with (5) wall screws provided. Install (2) post end caps and (5) mounting hole plugs.
- Attach door with through bolts provided as you install door(s) on pages 13-16.

Fig. 3c: Floor-Anchored or Ceiling-Hung Alcove Open Layout.



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Fig. 3b: Overhead-Braced Alcove Closed Layout.



STEP 3 INSTALL WALL BRACKETS AND WALL POSTS

- Measure and mark the locations of centerlines for all the stiles and panels on walls.
- Using the wall brackets as templates, place bracket 12-1/8" (31cm) above finished floor. Measure and mark the location of all mounting holes plumb, 1" (25mm) from panel center line. (See fig. 3a).

Note: Use bracket as a guide because hole pattern is staggered.

- Use #19 (.166) drill bit for 2" (50mm) deep pilot holes into adequate wall backing.
- Secure wall brackets with #1002495 screws.

⊕ *These mounting points require wall backing.*

CAUTION: Panel centerline is not always on the stile centerline. Refer to Bobrick Layout Sheets for panel offsets.

WALL POST #1002346

- Determine the location and hand of the 1" x 1-1/2" (25 x 40mm) stainless steel wall post being installed. Outside edge of wall post to be in-line with outside edge of keeping stile. The wall must have adequate backing at mounting location to support door hung in place.
- Install wall post at given height and fasten, plumb in both directions to wall with (5) wall screws provided. Install (2) post end caps and (5) mounting hole plugs.
- Attach door with through bolts provided as you install door(s) on pages 13-16.

Fig. 3a: Front-Entry Corner Layout.

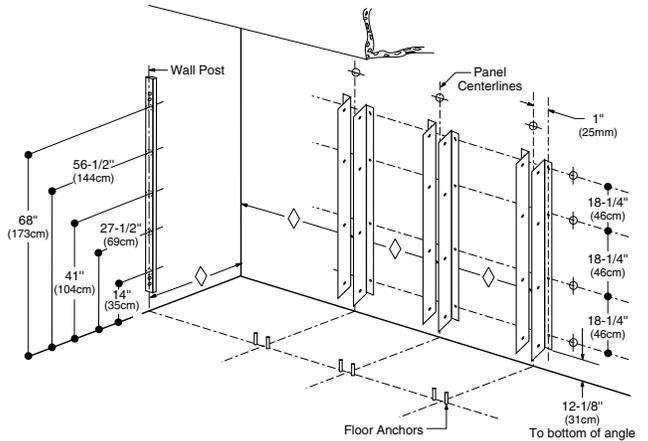
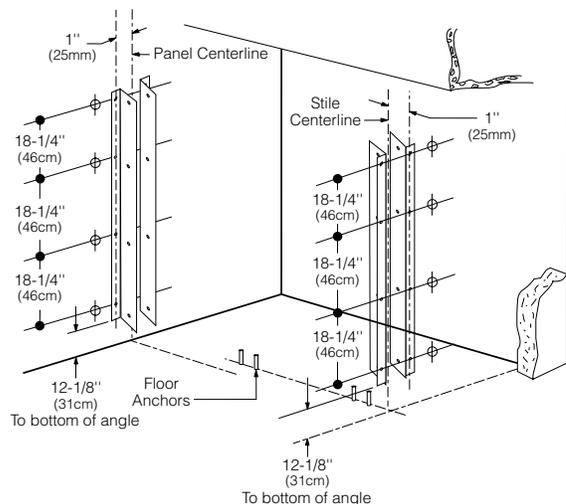


Fig. 3b: Overhead-Braced or Floor-to-Ceiling Anchored Alcove Closed Layout.

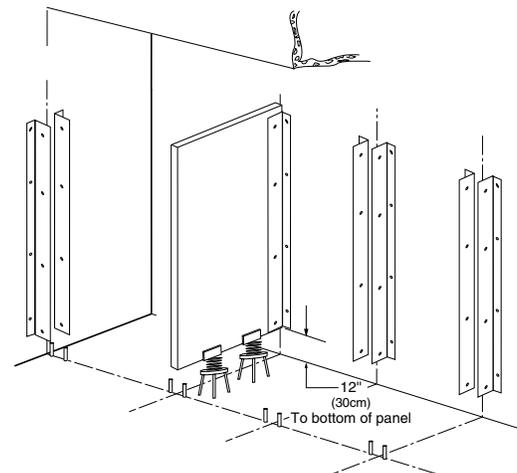


CONTINUOUS HARDWARE

STEP 4 POSITION PANELS

- Place adjustable supports in position for each panel to hold them 12" (30cm) above the floor.
- Place panels on the supports and into their respective wall brackets. *Do not secure panels to wall brackets at this time.*

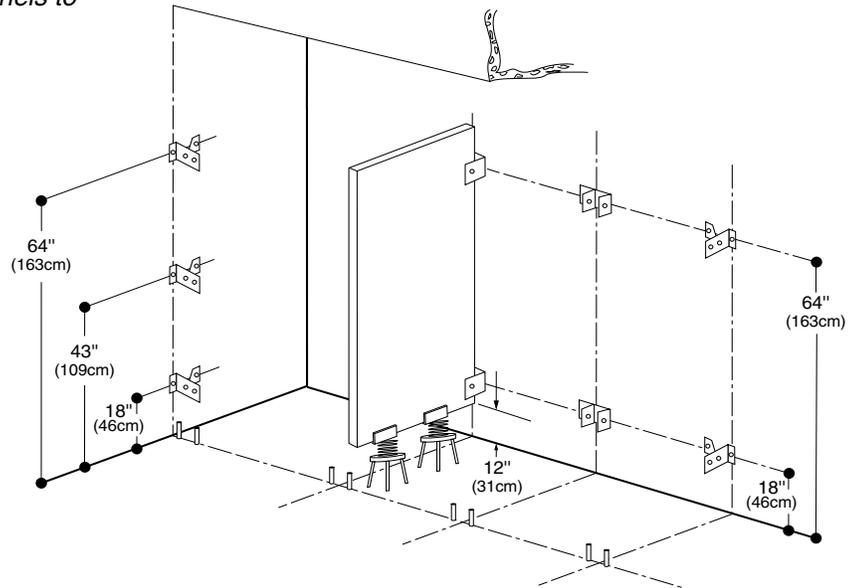
Fig. 4: Panel and Adjustable Supports.



STEP 4 POSITION PANELS

1. Place adjustable supports in position for each panel to hold them 12" (305mm) above the floor.
2. Place panels on the supports and into their respective wall brackets. *Do not secure panels to wall brackets at this time.*

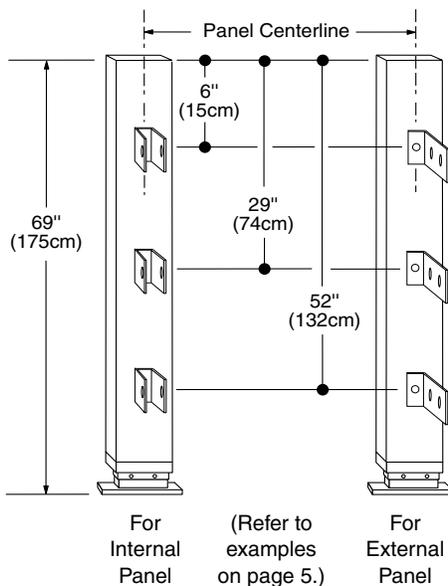
Fig. 4: Panel and Adjustable Supports.



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STEP 5 INSTALL STILE-TO-PANEL BRACKETS

Fig. 5a: Floor-Anchored or Ceiling-Hung Bracket Placement.



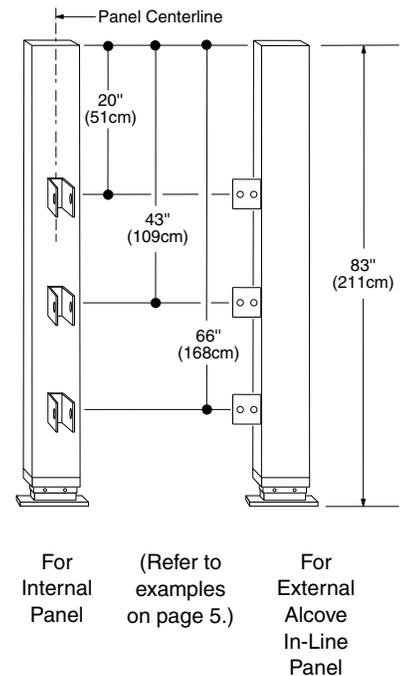
CAUTION: Panel centerline is not always on the stile centerline. Refer to Bobrick Layout Sheets for panel offsets.

- A. Measure and mark the centerlines for three (3) U- or L-brackets per stile.
- B. Using U- or L-bracket as a template, mark the location of all mounting holes.
- C. For U- or L-brackets attached to steel-core stiles, use a 3/16 high-quality drill bit (4.7mm) for 3/4" (19mm) deep pilot holes.

Caution: Do not drill through the stile

- D. For L-brackets attached to the edge of stile, use a #19 (.166) drill bit (4.2mm) for 3/4" (19mm) deep pilot holes.
- E. Secure U- or L-brackets with #1002500 screws.

Fig. 5b: Overhead-Braced Bracket Placement.



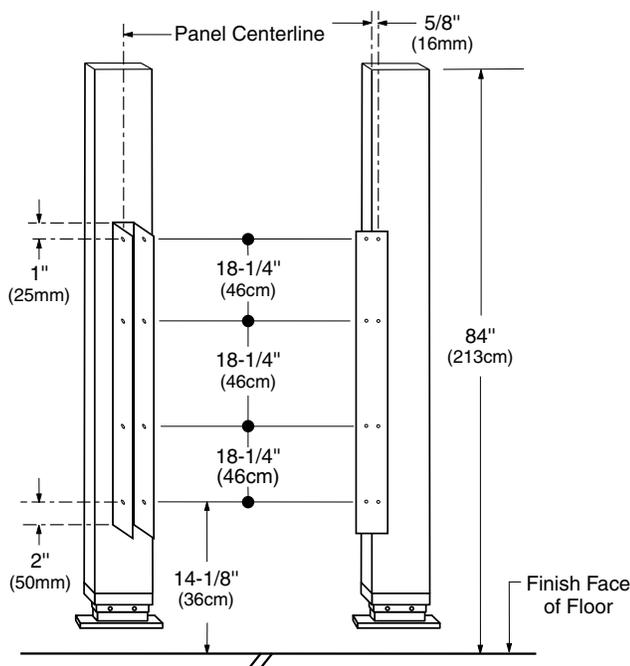
STEP 5 INSTALL STILE-TO-PANEL BRACKETS

CAUTION: Panel centerline is not always on the stile centerline. Refer to Bobrick Layout Sheets for panel offsets.

- Measure and mark the centerlines for continuous U-channel bracket per stile. Using U-channel bracket as a template, mark the location of all mounting holes.
- For U-channel brackets attached to stiles, use a high-quality drill bit for 3/16" x 3/4" deep (19mm) pilot holes. For strip bracket, mark the location of all mounting holes 5/8" (16mm) from edge of stile following locations shown in diagram. Use a #19 Dia. x 3/4" (19mm) deep pilot hole in stile and panel.
- Secure U-channel bracket to stile with #1002500 screws.

⊕ **These mounting points require adequate backing.**

Fig. 5a: Overhead-Braced Stiles.

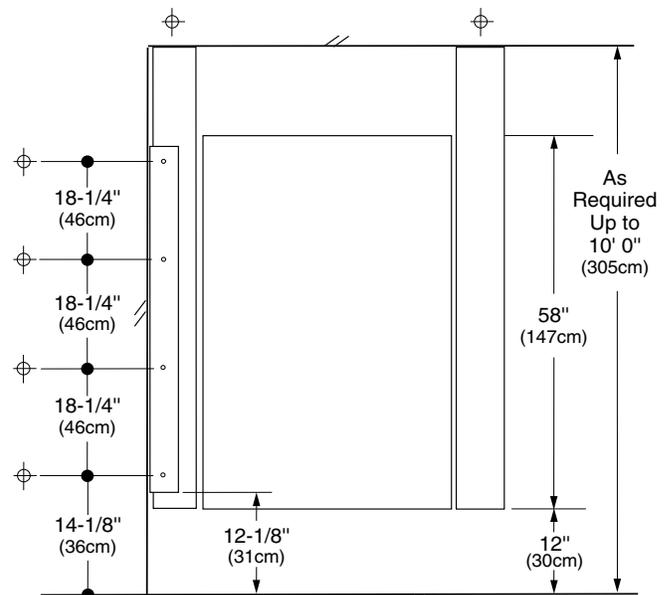


For
Internal
Panel

(Refer to
examples
on page 6.)

For
Internal
Alcove
In-Line
Panel

Fig. 5b: Ceiling-Hung Anchored.



CONTINUOUS HARDWARE

STEP 6 INSTALL STILES AND SET DOOR OPENINGS

- A. Place the stiles onto the threaded rods of anchors. Add a flat washer, lock washer, and a third hex nut to each threaded rod of floor anchors (these should already be in place on ceiling anchors—refer back to Fig. 2b). *Do not tighten hex nuts at this time.*
- B. Ensure edge of panel is touching screw heads in brackets on stiles. Using brackets as templates, drill #19 (.166) x 3/4" (19mm) pilot holes in panel.
- C. Fasten brackets to panels with #1002500 screws.
- D. Use level to plumb stiles. Place shims between panels and wall.
- E. Set door openings to be square, plumb and true per Bobrick Layout Sheet.
- F. Tighten hex nuts on stile anchoring system.
- G. Secure panels to wall brackets using #1002500 screws.

Fig. 6a: Overhead Braced Installation.

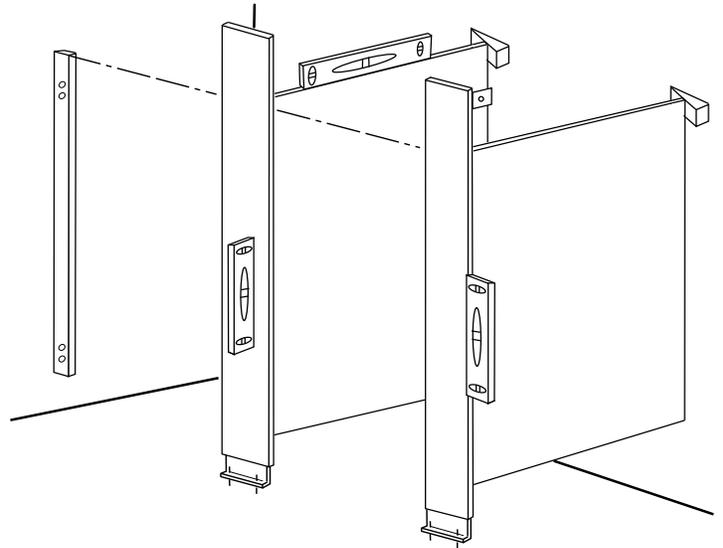


Fig. 6b: Floor-Anchored Installation.

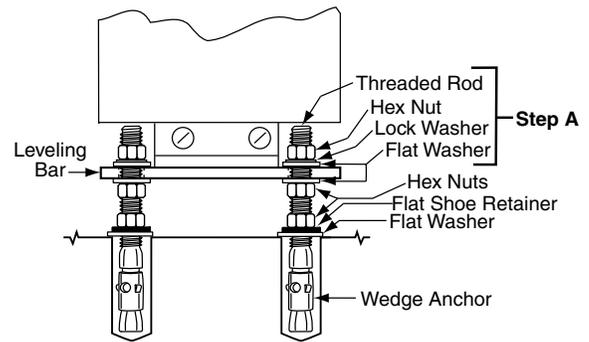
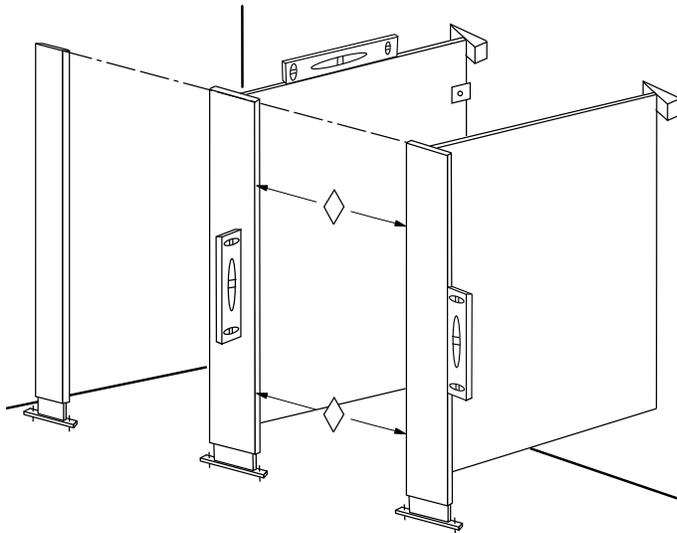
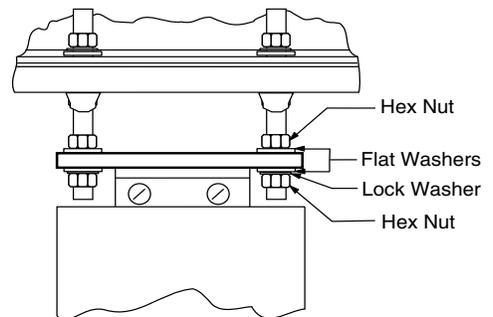
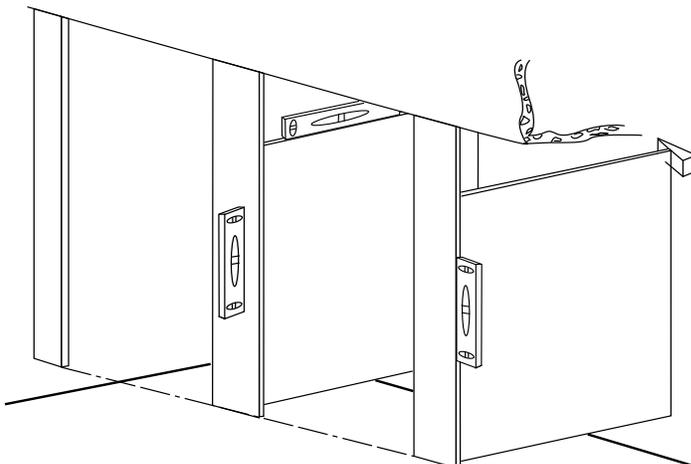


Fig. 6c: Ceiling-Hung Installation.

◇ Obtain Dimension from Bobrick Layout Sheet.



STEP 7 INSTALL HEADRAIL (IF APPLICABLE)

Note: Bobrick provides headrail in 84" (213cm) part #1002380 long sections. Headrail seams must be located over stiles.

- A. Measure wall-to-wall dimension less 1/4" (6mm). If it is a corner application, measure from wall to outside edge of stile less 1/8" (3mm).
- B. Place headrail over stile.
- C. For corner and alcove layouts, cut return headrail. Measure from the inside edge of front headrail to the back wall (See Fig. 7a and 7b).
- D. Using the #1000927 headrail bracket as a template, mark the location for mounting holes in walls and headrails.
- E. Drill #19 (.166) x 3/4" (4.2 x 19mm) pilot holes into front headrail and stiles; then, at wall locations, drill #19 (.166) x 2" (4.2 x 50mm) pilot holes into adequate wall backing.
- F. Fasten headrail bracket #1000927 to front headrail with #1002500 screws and to wall with #01002495 screws.
- G. Connect the return headrail to front headrail with headrail bracket #1000927 and four (4) #1002500 screws.
- H. For corner layouts, install #1000762 end cap to finish the corner. Using the end cap as a template, mark and drill pilot hole, then secure end cap with one (1) #1002500 screw.
- I. Fasten front headrail to stile by drilling pilot hole, then secure to stile with one (1) #1002500 screw.

Fig. 7a: Alcove Configuration.

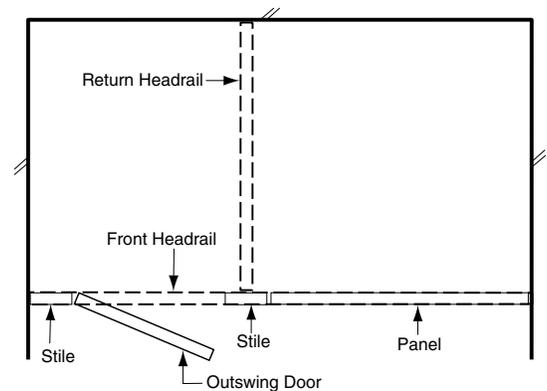


Fig. 7b: Headrail Installation Hardware. Corner Configuration.

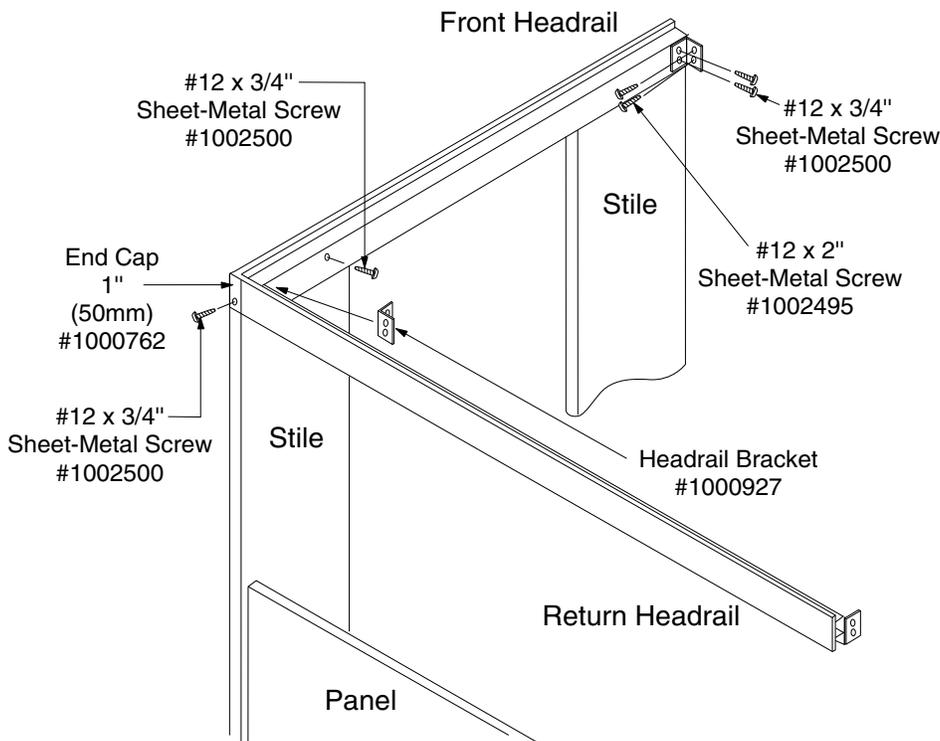
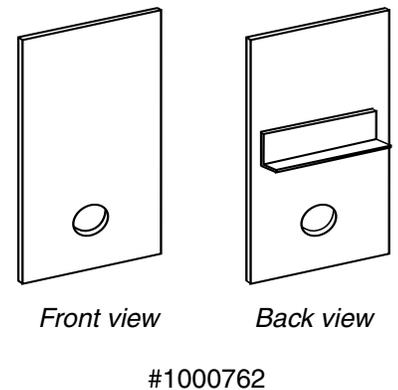
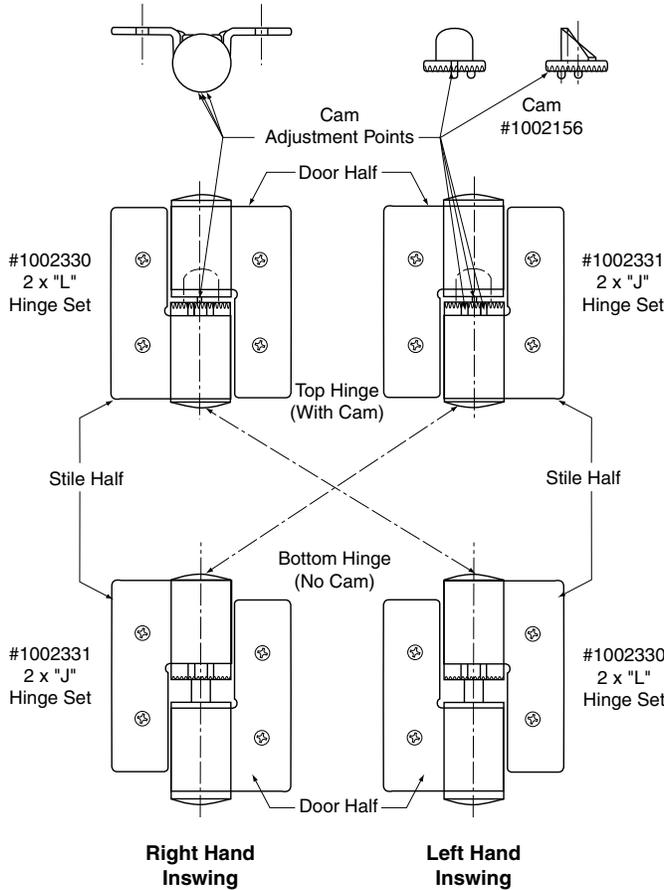


Fig. 7c: Detail of End Cap.



STEP 8 INSTALL INSWING DOORS

Hinges



DOOR HARDWARE INSTALLATION.

Hinge.

- Using hinge diagram at left, identify the upper and lower hinge set for right hand or left hand installation. Locate cam for upper hinge, #1002156.
- Separate hinge sets and fasten the 2 halves that have plastic bushings with "teeth" and cam alignment tabs onto stile using driver and #1002494 (1/4-20 x 3/4") screws. Refer to diagram to ensure "J" and "L" halves are located properly.
- Fasten remaining upper hinge half to door.
- Insert hinge pin and #1002156 plastic cam on upper stile hinge half.
- Lift door and position onto upper stile hinge half. Door should be hanging securely on upper hinge.
- Insert remaining hinge pin in lower door hinge half and mount to door.

To Increase or Decrease Opening of Door.

- Alignment tabs have been formed into the cam and plastic hinge bushing.
- Lift door to limit of upward travel (approximately 1/2"). While door is lifted, raise cam above bottom bushing and rotate so alignment tabs meet.
- To set door in open position, rotate cam toward door opening direction.
- To set door in closed position, rotate cam toward door closing direction.
- Door may not function properly if cam and bushing tabs are not aligned properly.
- When the cam has been set at the desired free resting position, "either closed or open" the top of the affixed components will be aligned.

Tip - Industry tolerance in the hardware will sometimes allow fine alignment to some partition components. These fine adjustments may be performed by loosening the hardware screws and adjusting the components the direction needed and retightening the screws.

Latch, Keeper and Clothes Hook.

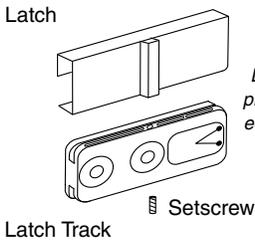
- Attach the latch track to the door. **NOTE: Latch track projects past edge of door and acts as doorstop on inswing door.**
- Slide the stainless steel latch into the grooves on latch track. Center the latch on track. Insert a setscrew into the threaded hole in the bottom of track and tighten until flush with the bottom of latch.
- Attach the keeper (see Fig. 8a or 8b) and clothes hook using #1002500 screws.

COMMERCIAL HARDWARE



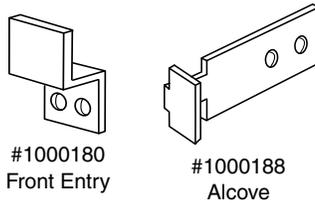
#1002494
1/4-20 x 3/4"
Pin-in-Head Torx Screw

Latch Packet #1002022



Latch track projects past edge of door

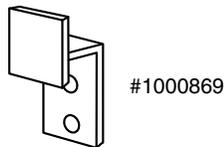
Keepers



#1000180
Front Entry

#1000188
Alcove

Clothes Hook



#1000869



#1000077
1/4-20 x 1"
Flat-Head Latch Screw

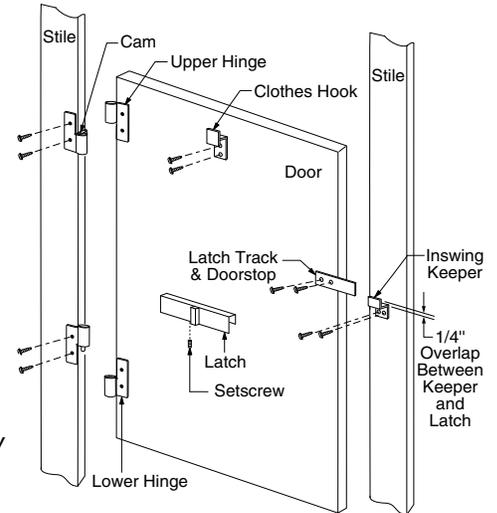


#1000900 Packet
(5/64" Allen Wrench to Setscrew to Latch)



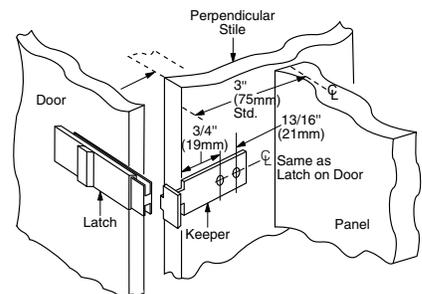
#1002500
#12 x 3/4" Pin-in-Head Torx Screw
Pilot Hole = #19 (.166) x 3/4"
(4.2 x 19mm)

Fig. 8a: Right-Hand Inswing Door.



Inside View

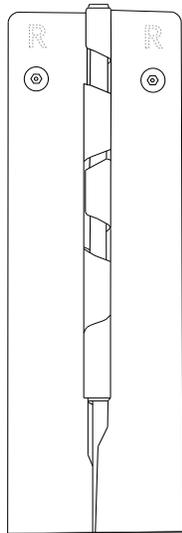
Fig. 8b: Inswing Door Keeper on Perpendicular Stile (Alcove Layout).



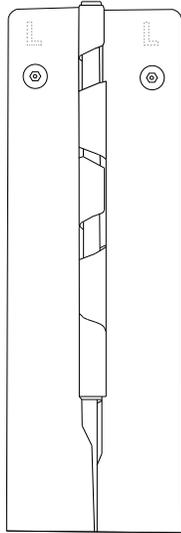
Inside View

STEP 8 INSTALL INSWING DOORS

Fig. 8: Orient Hinge



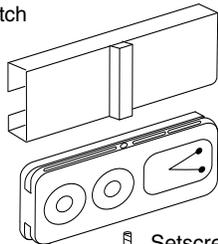
Right-Hand Inswing or
Left-Hand Outswing
#1002921



Left-Hand Inswing or
Right-Hand Outswing
#1002920

Latch Packet

Latch



Latch track
projects past
edge of door

Latch Track

Setscrew



#1002500

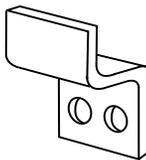
#12 x 3/4" Pin-in-Head Torx Screw
Pilot Hole = #19 (.166) x 3/4"
(19mm)



#1002494

1/4-20 x 3/4" (19mm)
Pin-in-Head Torx Screw

Keeper



#1001518 Keeper

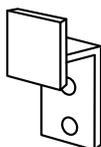


#1000900 Packet
(5/64" Allen Wrench to
setscrew to latch)



#1000077

1/4-20 x 1" (25mm)
Flat-Head Latch Screw



#1000869
Clothes Hook

DOOR HARDWARE INSTALLATION.

Hinge.

- Orient hinge (see Fig. 8).
- Fasten hinge to the door (see Fig. 8a) using 6 — #1002494 Pin-in-Head torx screws.
- Supporting door, fasten hinge to the stile.

Latch, Keeper, Stop Plates and Clothes Hook.

- Attach the latch track to the door. **NOTE: Latch track projects past edge of door.**
- Slide the stainless steel latch into the grooves on latch track. Center the latch on track. Insert a setscrew into the threaded hole in the bottom of track and tighten until flush with the bottom of latch.
- Attach the keeper using #1002500 and #1002494 screws.
- Attach #1000869 clothes hook using #1002500 screws.

Inswing Keeper Detail

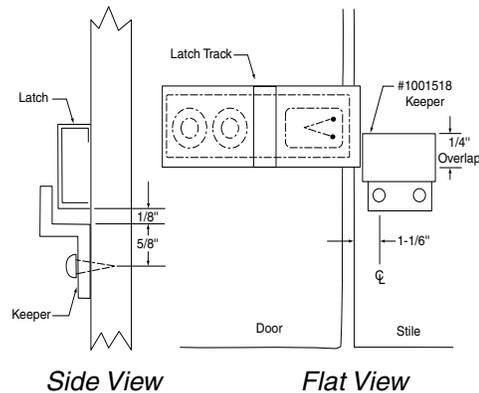
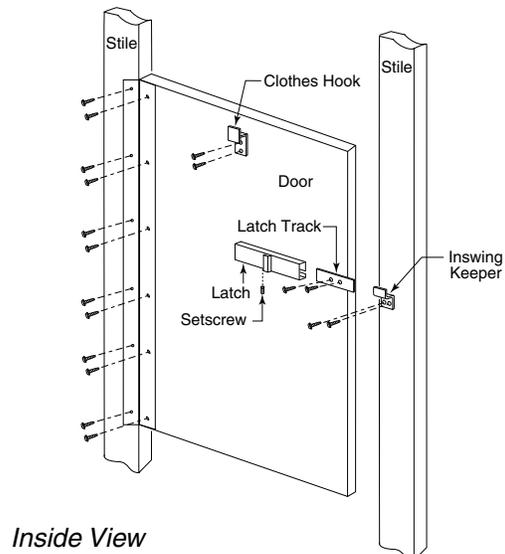


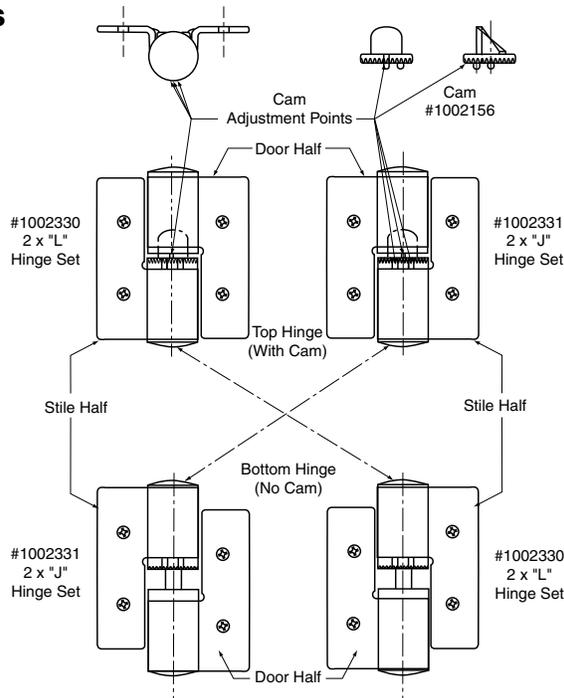
Fig. 8a: Right-Hand Inswing Door.



CONTINUOUS HARDWARE

STEP 9 INSTALL OUTSWING DOORS

Hinges



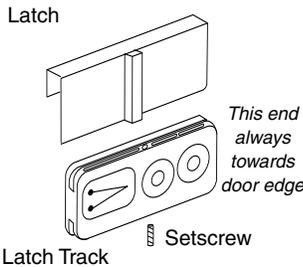
#1002491
1/4-20 x 1/2"
Pin-in-Head Torx Screw



#1002412
Brass Insert for Hinges

COMMERCIAL HARDWARE

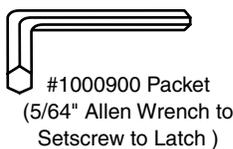
Latch Packet



Latch Track



#1000077
1/4-20 x 1" (25mm)
Flat-Head Latch Screw

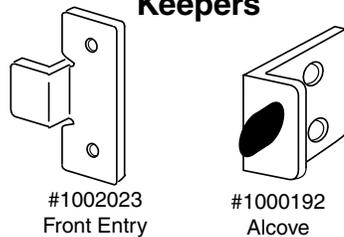


#1000900 Packet
(5/64" Allen Wrench to
Setscrew to Latch)



#1000418
Accessible Toilet
Compartment Label

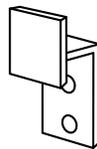
Keepers



#1002023
Front Entry

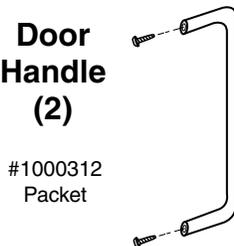
#1000192
Alcove

Clothes Hook



#1000869

Door Handle (2)



#1000312
Packet



#1002500
#12 x 3/4" Pin-in-Head Torx Screw
Pilot Hole = #19 (.166) x 3/4" (19mm)

DOOR HARDWARE INSTALLATION.

Hinge.

- Using hinge diagram at left, identify the upper and lower hinge set for right hand or left hand installation. Locate cam for upper hinge, #1002156.
- Separate hinge sets and through-bolt the 2 halves that have plastic bushings with "teeth" and cam alignment tabs onto stile using #1002412 insert and #1002491 screws. Refer to diagram to ensure "J" and "L" halves are located properly.
- Through-bolt remaining upper hinge half to door using #1002491 screws to inserts.
- Insert hinge pin and #1002156 plastic cam on upper stile hinge half.
- Lift door and position onto upper stile hinge half. Door should be hanging securely on upper hinge.
- Insert remaining hinge pin in final hinge half. After inserting hinge pin into bottom stile half, through-bolt hinge half to door bottom using #1002491 screws to inserts.
- When the cam has been set at the desired free resting position, "either closed or open" the top of the affixed components will be aligned.

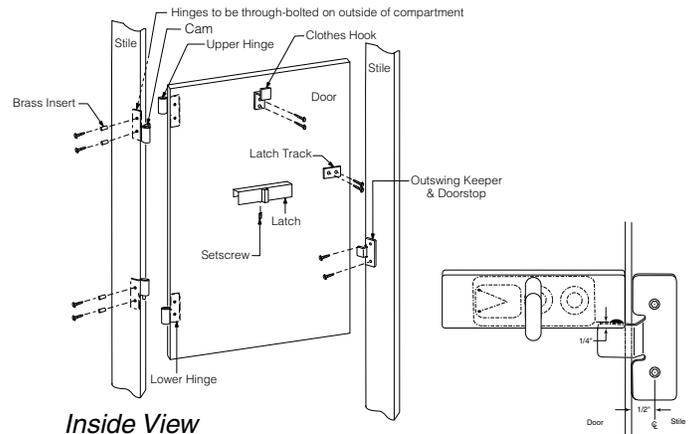
Tip - Industry tolerance in the hardware will sometimes allow fine alignment adjustments to some partition components. These fine adjustments may be performed by loosening the hardware screws and adjusting the components the direction needed and retightening the screws.

To Increase or Decrease Opening of Unlatched Door, see page 10.

Latch, Keeper, Clothes Hook and Door Handle.

- Attach the latch track to the door. **NOTE: Latch track does not project past edge of door.**
- Slide the stainless steel latch into the grooves on latch track. Center the latch on track. Insert a setscrew into the threaded hole in the bottom of track and tighten until flush with the bottom of latch.
- Attach the keeper (see Fig. 9a) and attach the clothes hook (not through-bolted). **NOTE: On outswing door, position clothes hook per local accessible toilet compartment codes. For prep. alcove, use #1000192 keeper as a template to mark location. Install keeper using #1002500 screws.**
- Using the door handle as a template on the outside of door, mark location for top hole in handle 27" (685mm) up from the bottom of door and 3" (75mm) from the edge of door. Mark location for bottom hole in handle.
- Drill two (2) 3/16" (5mm) diameter holes through door. Attach handle to outside of door using 8-32 x 1-1/4" Pin-in-Head torx screws.

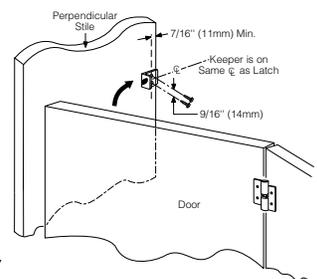
Fig. 9a: Right-Hand Outswing Door.



Inside View

Exploded View
Latch and Keeper

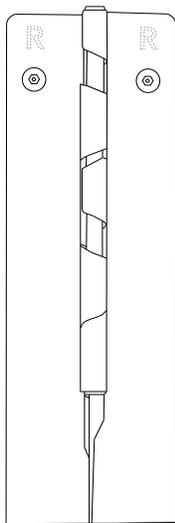
Fig. 9b: Outswing Door
Keeper on Perpendicular
Stile (Alcove Layout)



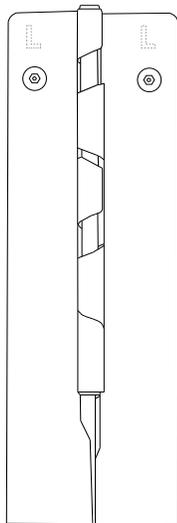
Outside View

STEP 9 INSTALL OUTSWING DOORS

Fig. 9: Orient Hinge

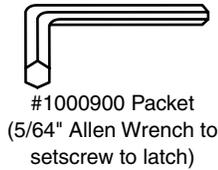
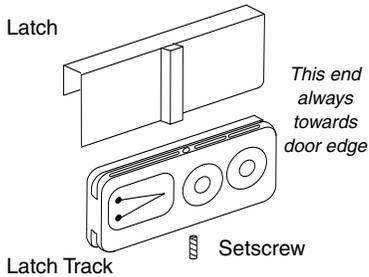


Right-Hand Inswing or
Left-Hand Outswing
#1002921



Left-Hand Inswing or
Right-Hand Outswing
#1002920

Latch Packet

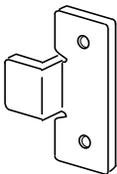


#1002494
1/4-20 x 3/4" (19mm)
Pin-in-Head Torx Screw



#1000077
1/4-20 x 1" (25mm)
Flat-Head Latch Screw

Keeper



#1002023

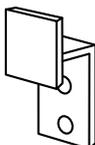


#1002500
#12 x 3/4" Pin-in-Head Torx Screw
Pilot Hole = #19 (.166) x 3/4"
(19mm)



#1000312
Packet

Clothes Hook



#1000869

DOOR HARDWARE INSTALLATION.

Hinge.

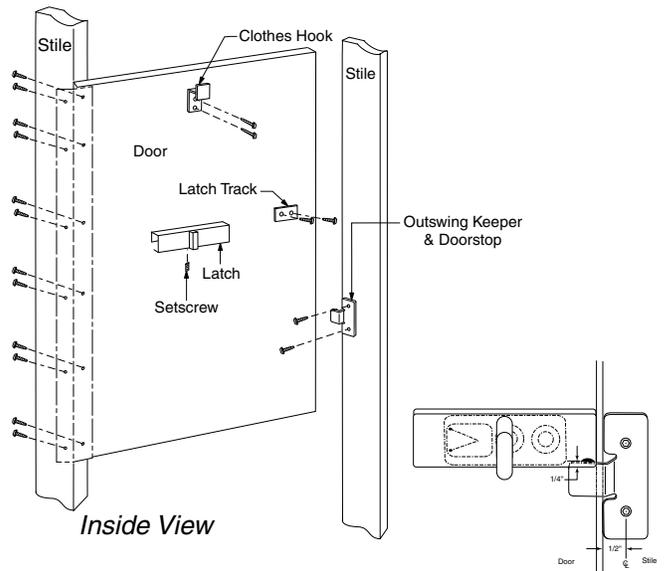
- Orient hinge (see Fig. 9).
- Fasten hinge to the door (see Fig. 9a) using 6 — #1002494 Pin-in-Head torx screws.
- Supporting door, fasten hinge to the stile.

Latch, Keeper, Stop Plates, Door Handle and Clothes Hook.

- Attach the latch track to the door. **NOTE: Latch track does not project past edge of door.**
- Slide the stainless steel latch into the grooves on latch track. Center the latch on track. Insert a setscrew into the threaded hole in the bottom of track and tighten until flush with the bottom of latch.
- Attach the keeper using 2-#1002500 screws.
- Using the door handle as a template on the outside of door, mark location for top hole in handle 27" (685mm) up from the bottom of door and 3" (75mm) from the edge of door. Mark location for bottom hole in handle.
- Drill two (2) 3/16" (5mm) diameter holes through door. Attach handle to outside of door using 8-32 x 1-1/4" Pin-in-Head torx screws.
- Attach the clothes hook (not through bolted). **NOTE: On outswing door, position clothes hook per local accessible toilet compartment codes.**

CONTINUOUS HARDWARE

Fig. 9a: Right-Hand Outswing Door.



Exploded View
Latch and Keeper

STEP 10 INSTALL SHOES

- A. Locate proper width shoe for stile.
- B. Confirm shoe retainer (#1002186) is installed on anchor bolt next to flat washer closest to floor or ceiling. For anchor assembly detail, reference diagram on Page 4.
- C. Shoes accommodate 1" thick or 3/4" thick stiles. For 1" thick stiles, orient shoe with 3/16" wide flange return against faces and edge of stile.
- D⁽¹⁾. Standard Stile Installation - See Fig. 10a
 - Open end of shoe and slide onto bottom of stile, trapping bottom flange under shoe retainer.
 - Close open end of shoe, overlapping so holes are aligned. Install flat head retaining screw through double thickness of material to close shoe.
- D⁽²⁾. Stile-to-Wall Installation - See Fig. 10b
 - Stile-to-wall shoe retaining clip (#1002185) is supplied for every stile-to-wall. Locate shoe retaining clip.
 - Hold retaining clip by its extended leaf with pliers. Spread shoe open at least one inch and insert retaining clip into hole on inner leaf of shoe until it snaps into place.
 - Open end of shoe and slide onto bottom of stile, trapping bottom flange under shoe retainer. Shoe retaining clip will be positioned against wall.
 - Close edges of shoe together until remaining hole snaps into place on retaining clip.
- E. Remove protective covering and wipe shoe clean.

Fig. 10a: Standard Stile Installation.

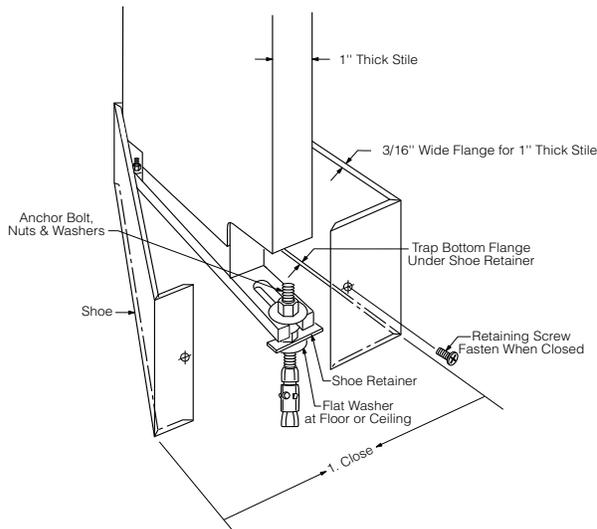
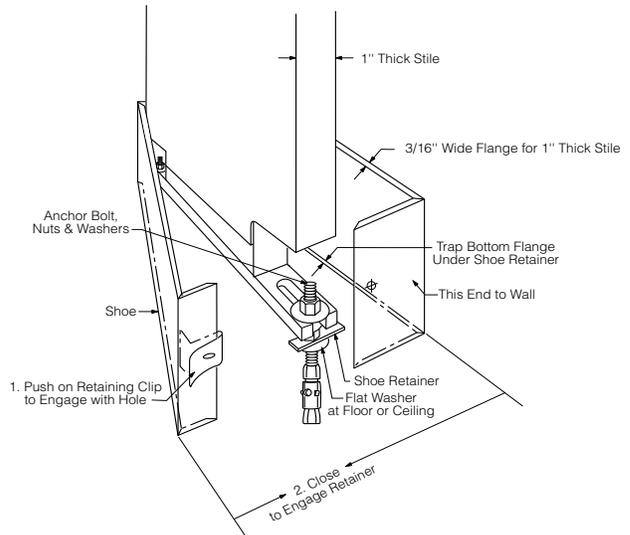


Fig. 10b: Stile-to-Wall Installation.



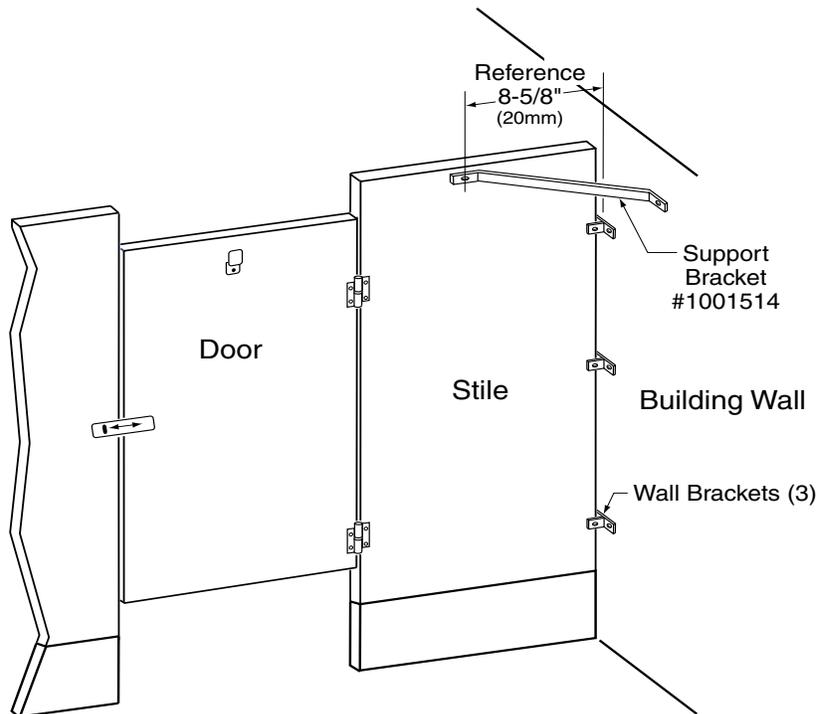
REPLACEMENT SHOE GUIDE

Stile Width	Bobrick Part Number
3"	#1002175
4"	#1002176
5"	#1002184
6"	#1002177
8"	#1002178
10"	#1002179
12"	#1002180
16"	#1002181
20"	#1002182
24"	#1002183

STEP 11 INSTALL SUPPORT BRACKET (IF APPLICABLE)

- A. 16", 20" and 24" stiles attached to side wall or end panel will be supplied with a support bracket (#1001514) for added stability.
- B. Install bracket at highest point on top of stile for floor anchored configurations. For ceiling-hung configuration, install bracket at lowest point on bottom of stile.
- C. Install bracket to stile and panel using #1002500 screw and #1000814 washer. Install bracket to wall using #10002495 screw to adequate backing.

Screw Into	Screw Number	Screw Size
Stile	#1002500	#12 x 3/4"
Wall	#1002495	#12 x 2"
Laminate Panel	#1002500	#12 x 3/4"
Washer	#1000814	NA



Note: For Ceiling-Hung system, support bracket at lowest point possible on stile.

STEP 12 FINISHING AND CLEANUP

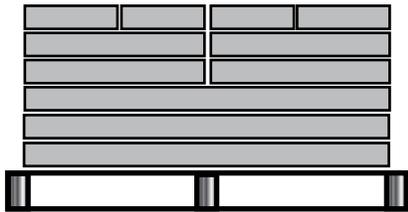
- A. Remove any exposed labels from the components of toilet compartments.
- B. Clean surfaces as needed. *CAUTION: Do not use cleaners containing acid on Bobrick toilet compartments. For example, tile cleaners containing acid may attack the stainless steel hardware. For Bobrick recommendations, refer to Bobrick Form Nos. TB-21 and TB-60.*

Important Toilet Partition Storage and Handling Information

Store in a clean, dry area. Do not store outside.
Move material to installation area 72 hours before installation.
Always store material flat with weight evenly supported.

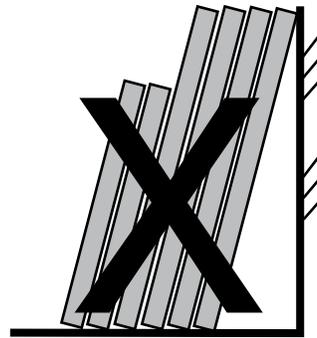
Toilet Partition Stacking

Do This



Stack Flat

Don't Do This



Stack Upright

Failure to follow these instructions may result in warped material which is not covered by Bobrick's warranty.



BUILDING VALUE SINCE 1906

BOBRICK.COM

In the United States: BOBRICK WASHROOM EQUIPMENT, INC.

200 Commerce Drive, Clifton Park, NY 12065-1350, Telephone: (518) 877-7444 • FAX: 518-877-5029
11611 Hart Street, North Hollywood, CA 91605-5882: (818) 982-9600 • FAX: 818-503-9287
or email BobrickCustomerService@bobrick.com

In Canada: BOBRICK WASHROOM EQUIPMENT COMPANY

45 Rolark Drive, Scarborough, Ontario M1R 3B1 • FAX: (877) 423-8555

1040-69



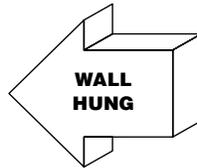
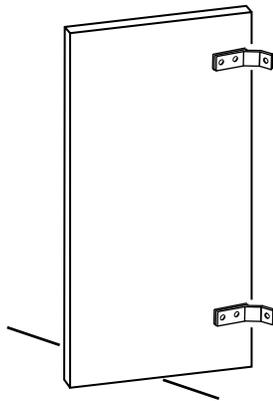
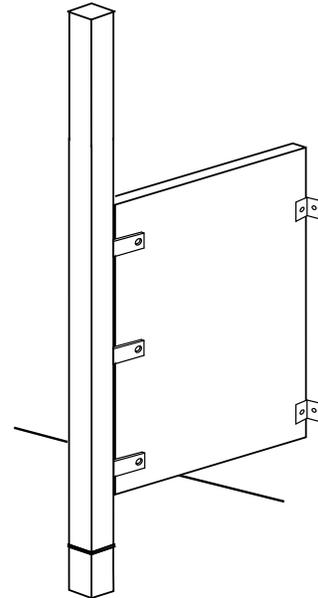
7 16954 00909 8

INSTALLATION INSTRUCTIONS

URINAL SCREENS, BENCHES & SHOWER SEATS

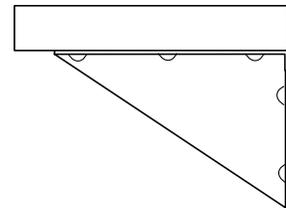
IMPORTANT:
Storage and Handling Information on last page.
Review these instructions thoroughly prior to
installation.

1033 Stainless Steel Edge
1043 Plastic Laminated Edge
1083 Solid Phenolic
1183 Class A Solid Phenolic
1843 FRP



1035 Stainless Steel Edge
1045 Plastic Laminated Edge
1085 Solid Phenolic
1185 Class A Solid Phenolic
1545 Plastic Laminated Edge
1845 FRP

1040 Plastic Laminate
1080 Solid Phenolic
1180 Class A Solid Phenolic



BUILDING VALUE SINCE 1906

PREPARATION

BEFORE YOU BEGIN...

These installation instructions cover wall hung urinal screens, post-to-ceiling urinal screens, benches and shower seats only.

For detailed instructions regarding installation of toilet partitions, floor anchored urinal screens or ceiling hung urinal screens please refer to one of the following:

- 1040-69
- 1080-69
- 1540-69
- 1080.67-69
- 1040.65-69

PRE-INSTALLATION.

- A. Structural support in walls and floors is not furnished by Bobrick. Confirm that adequate backing is present in wall, ceiling and floors prior to installation.
- B. This installation booklet must be used with the Bobrick layout sheets.
- C. You may verify hardware received by cross-referencing the last page of the layout sheets against the box contents.

INSTALLATION STEPS.

- 1. Brackets and Screws..... Page 3
- 2. Post-to-Ceiling Urinal Screens Page 4
- 3. Wall Hung Urinal Screens..... Page 7
- 4. 1040 Series Benches..... Page 8
- 5. 1080/1180 Series Shower Seats..... Page 8
- 6. Finishing and Cleanup Page 9



- A. Organize components with appropriate hardware.

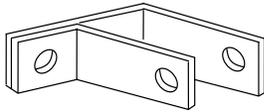
RECOMMENDED TOOLS.

CAUTION: Be sure to use proper safety gear.

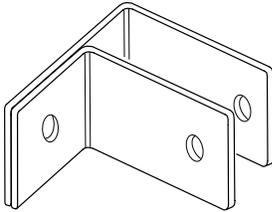
- 1.  Chalk Line
- 2.  Plumb-bob
- 3.  Masking Tape (for laying out holes on floors/walls/ceilings to be drilled)
- 4.  Tape Measure and Pencils
- 5.  Center Punch
- 6.  Electric and/or Battery-Powered Drill – 1/2" and 3/4" (13 and 19mm) Concrete Drill Bits
- 7.  Drill Bits
1/16" to 1/4", numbered 1 to 60
metric 1.0 to 7.0mm
- 8.  Screwdrivers/Screwdriver Bits
flathead and phillips, #1, #2 and #3
- 9.  Shims
- 10.  Adjustable Supports
1-1/2" to 12" (40–105mm)
- 11.  Level
- 12.  Wrench – Adjustable or 9/16" (14mm) open end (2 req'd. for adjusting hex nuts on anchors)
- 13.  Allen Wrench – 5/64" (2mm) (to install door latch)-Supplied by Bobrick
- 14.  Hack Saw
- 15.  Hammer

BRACKETS AND SCREWS

F-brackets

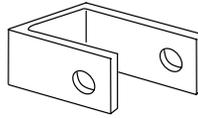


#1000353
Panel to Wall

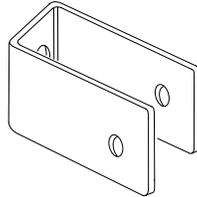


#1000975
Panel to Wall 1080 Series

U-brackets

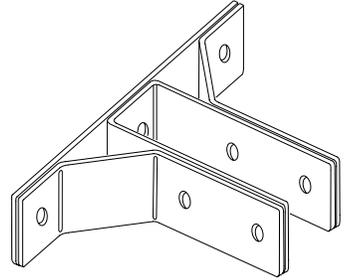


#1000356
Panel to Stile

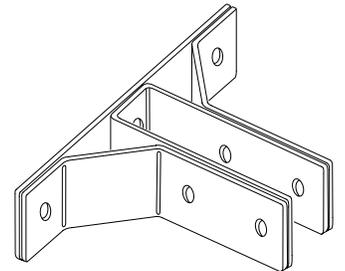


#1000972
Panel to Stile 1080 Series

U-brackets

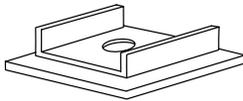


#1000357
1045 series



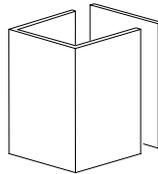
#1000636
1085 series

Base Plate



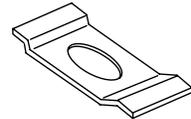
#1000157
SPC Hardware

Shoe



#1000158 Front Plate
#1000159 Rear Plate
SPC Hardware

Shoe Retainer



#1000103
SPC Hardware



#1002500
#12 x 3/4" 1040 Bracket to Screen



#1002499
#12 x 7/16" Bracket to Panel/
Bracket to Stile 1080 Series



#1000050
#10-32 x 3/8" Phillips
SPC Bracket to Post



#1000133
Acorn Nut - 10-32
Through-Bolt Urinal Screen



#1000134
#10-32 x 1-3/4" (44mm) Phillips
Through-Bolt Urinal Screen 1040 Series



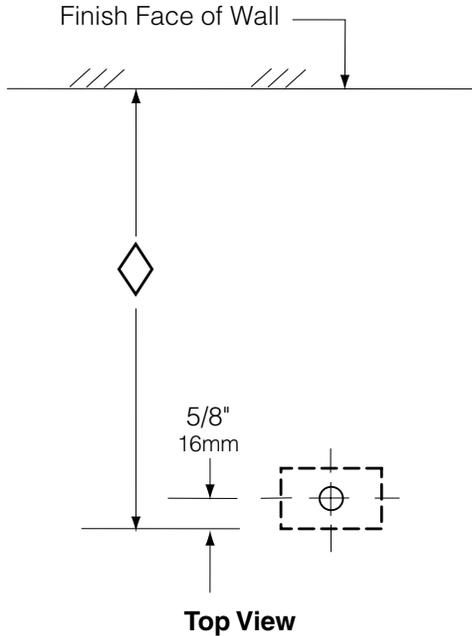
#1000132
#10-32 x 1-1/2" (38mm) Phillips
Screen - 1080 Series/Bench 1040



#1002495
#12 x 2" (50mm)
Wall Screws

STEP 1 POST-TO-CEILING URINAL SCREENS

LAYOUT EXAMPLE.



- Refer to Bobrick layout sheets for distance location on screen depth.
- From back wall, measure and mark the location of the edge of the screen.
- Centerline of floor anchor from edge of screen is 5/8" (16mm).
- Be sure, by plumb line, that floor and ceiling holes are in line.

LEGEND: ◊ Obtain Dimension from Bobrick Layout Sheet.
⊕ Mounting holes to be drilled.

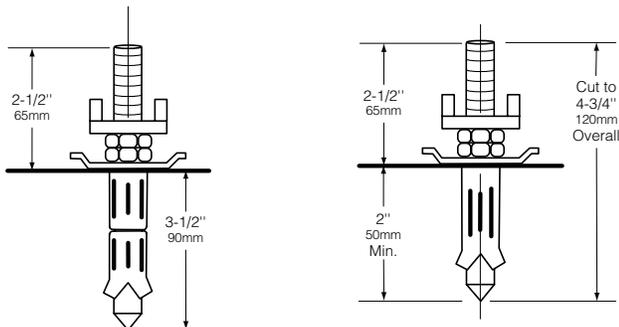
STEP 2 INSTALL ALL ANCHORS

FLOOR AND CEILING ANCHORS.

- Drill 3/8" (9.5mm) diameter hole to depth shown. Remove all loose material from hole.
- Insert anchor into drilled hole. Stud to be 2-1/2" (65mm) above floor.
- Use 9/16" (14mm) wrench to tighten hex nut until anchor is expanded. Make sure shoe retainer is in proper position to accept shoe. *Angled ends to face front and rear of urinal screen.*
- Install second hex nut.
- Place base plate over threaded rod.

NOTE: Wood-floor anchors are available upon request.

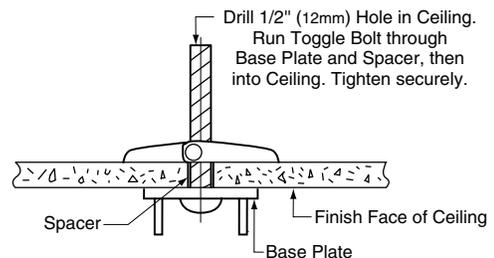
Fig. 2a: Detail of Floor Anchor.



**For tile or concrete floors
using filler sleeve**

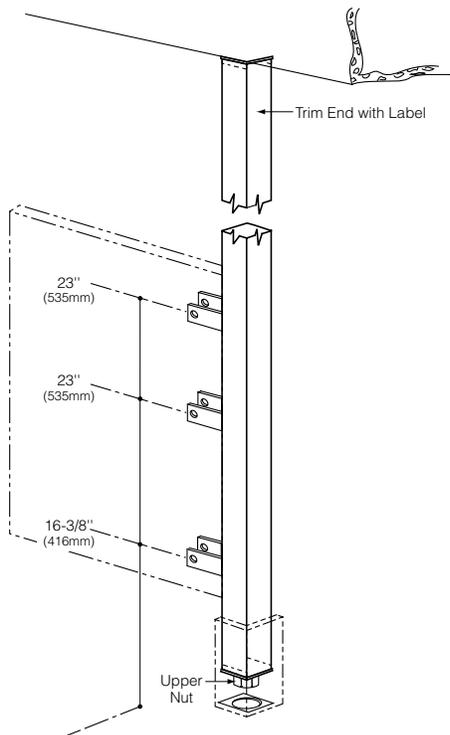
**For tile or concrete floors
without filler sleeve**

Fig. 2b: Detail of Ceiling Anchor.



STEP 3 POST-TO-CEILING URINAL SCREENS

Fig. 3c: Install Post



- A. Post is furnished in 10' -0" (305cm) lengths. Post is to be field cut on end with label attached.

Follow instructions on label to cut post to your job conditions.

- B. Fasten three brackets with No. 10 x 3/8" (10mm) screws.

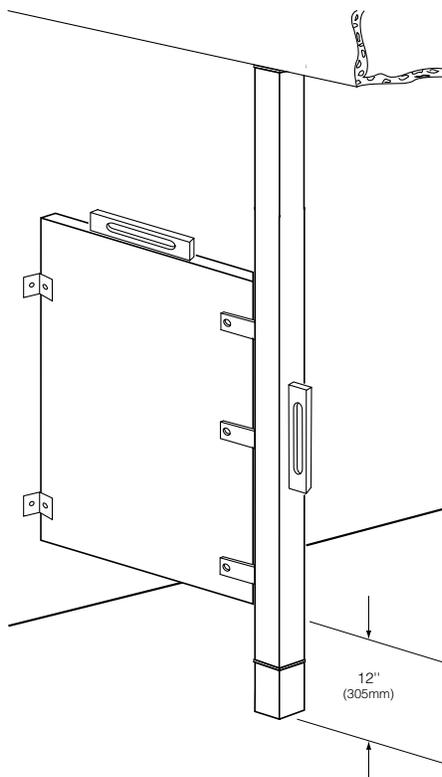
Be sure short end of post is towards floor to assure proper mounting of panel to brackets.

- C. Place post over floor base plate. Be sure brackets are on panel side. Turn upper nut raising post to engage on ceiling base plate.

Caution: Use care when raising post to prevent damage to ceiling.

- D. Install shoe with No. 6 x 1/4" (6mm) screws. Screws to be on panel side of post. Be sure to engage retainer at floor.

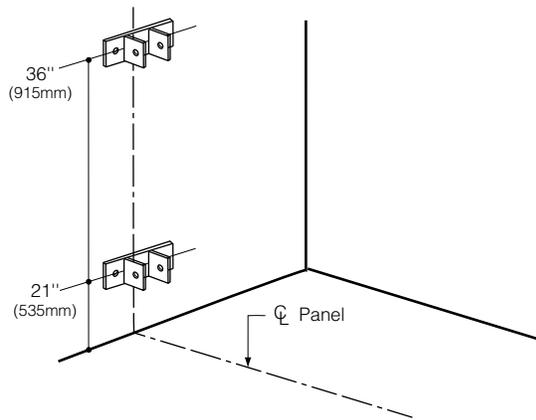
Fig. 3d: Attach Panel



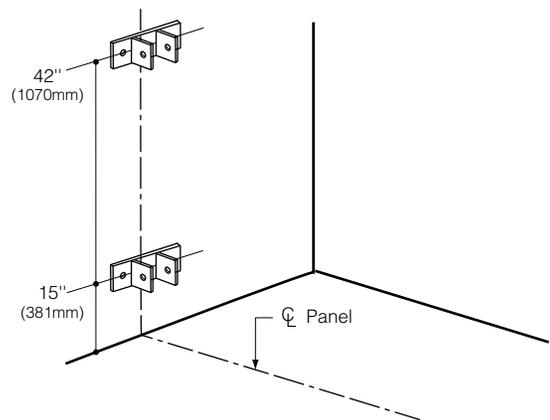
Position panel so that it contacts the heads of the screws that attach the brackets to the post. Drill No. 19 holes x 3/4" (19mm) deep. Fasten panel to brackets on post with #1002499 screws for 1/2" (12mm) panels and #1002500 for 1" (25mm) panels. Make sure that post is plumb and straight. Drill pilot holes and fasten wall brackets to panel.

STEP 1 WALL HUNG URINAL SCREENS

Fig. a: Layout Walls and Install Brackets.



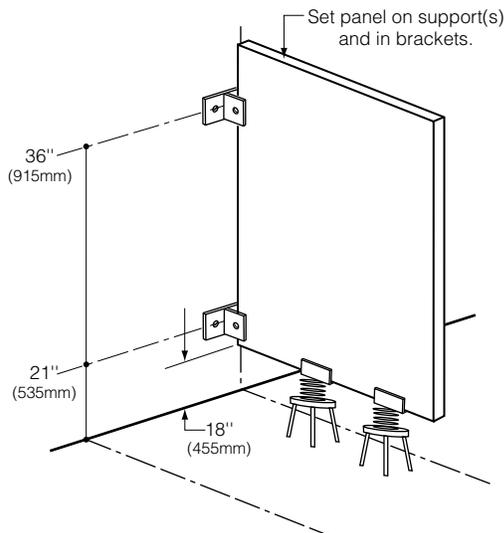
For 42" (107cm) High Screens



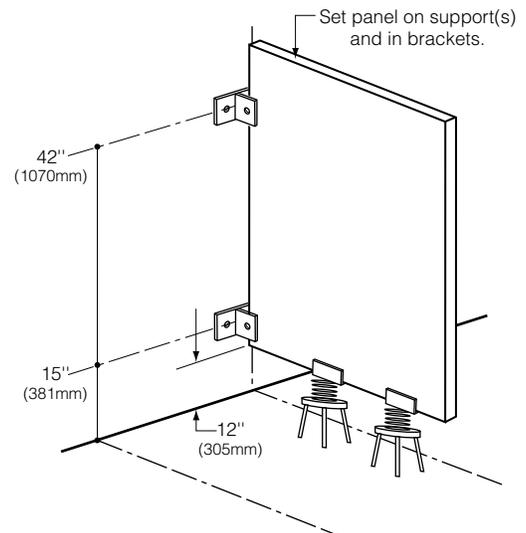
For 48" (122cm) High Screens

- Using the wall brackets as templates, measure and mark the location of all mounting holes, according to dimensions shown in illustrations (Fig. a, b).
- Use #19 (.166) drill bit for 2" (50mm) deep pilot holes into adequate wall backing.
- Secure wall brackets with #12 x 2" screws.

Fig. b: Put Screen in Place.



For 42" (107cm) High Screens

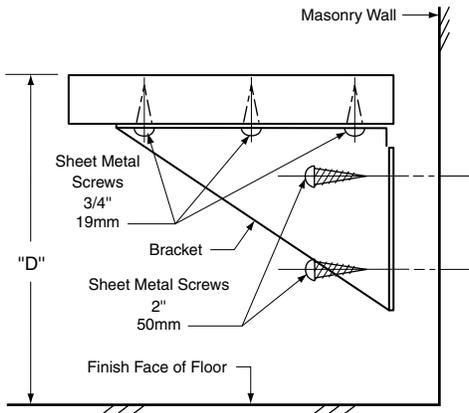


For 48" (122cm) High Screens

- Position panel so that it contacts the heads of the screws that attach the brackets to the wall.
- Using brackets as templates, drill #19 through the panel.
- Fasten panel to brackets with #10-32 x 1-1/2" (#10-32 x 1-3/4" 1040 only) screw and #10-32 acorn nut.

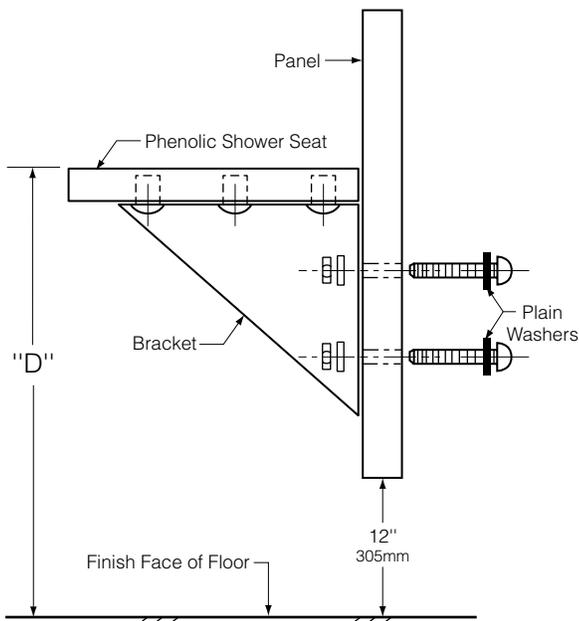
STEP 1 BENCH/SHOWER SEAT INSTALLATIONS

Fig. 1a: Bench 1040 Series



- A. Mark holes on one side of bench using mounting brackets as templates. Mounting holes to be 3" maximum from each end of seat.
- B. Drill #19 (.166) x 3/4" (19mm) deep holes in seat.
Caution: Do Not Drill Through.
- C. Attach brackets with #1002500 screws.
- D. Support bench so that height of bench complies with local building codes. Bench must be level with the floor in all directions and mounting brackets must be flat against the wall.
- E. Using brackets as templates mark and drill #19 (4.2mm) into wall 2" deep.
- F. Attach brackets to wall with #1002495 screws.
- G. Test and examine bench and fasteners and brackets to make sure there are no loose parts.

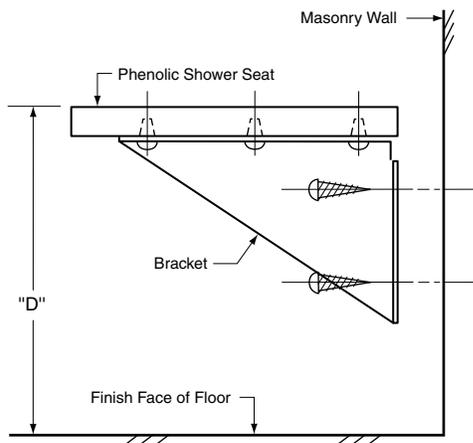
Fig. 1b: Shower Seat 1080/1180 Series (Panel Installation)



- A. Mark holes on one side of shower seat using mounting brackets as templates. Mounting holes to be 3" max. from each end of seat.
- B. Drill #19 x 7/16" (5.5 x 11mm) deep holes in seat.
Caution: Do Not Drill Through.
- C. Attach brackets with #1002499 screws.
- D. Support seat so that height of seat complies with local building codes. Seat must be level with the floor in all directions and mounting brackets must be flat against the panel.
- E. Using brackets as templates mark and drill #10 (4.8mm) holes through panels.
- F. Attach brackets to panel with #10-32 x 1-1/4" machine screws, hex nuts and washers.
- G. Test and examine seat, fasteners and brackets to make sure there are no loose parts.

STEP 1 BENCH/SOWER SEAT INSTALLATIONS

Fig. 1c: Shower Seat 1080/1180 Series



- A. Mark holes on one side of shower seat using mounting brackets as templates. Mounting holes to be 3" maximum from each end of seat.
- B. Drill #19 x 3/8" deep holes in seat. **Caution: Do Not Drill Through.**
- C. Attach brackets with #1002499 screws.
- D. Support seat so that height of seat complies with local building codes. Seat must be level with the floor in all directions and mounting brackets must be flat against the panel.
- E. Using brackets as templates mark and drill #19 (4.2mm) into wall 2" (50mm) deep.
- F. Attach brackets to wall with #1002495 screws.
- G. Test and examine seat and fasteners and brackets to make sure there are no loose parts.

FINISHING AND CLEANUP

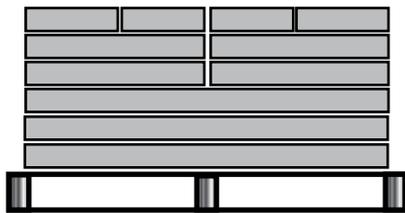
- A. Remove any exposed labels from the components.
- B. Clean surfaces as needed. **CAUTION: Do not use cleaners containing acid on Bobrick toilet compartments.** For example, tile cleaners containing acid may attack the stainless steel hardware. For Bobrick recommendations, refer to Bobrick Advisory Bulletins Nos. TB-21 and TB-60.

Important Toilet Partition Storage and Handling Information

Store in a clean, dry area. Do not store outside.
Move material to installation area 72 hours before installation.
Always store material flat with weight evenly supported.

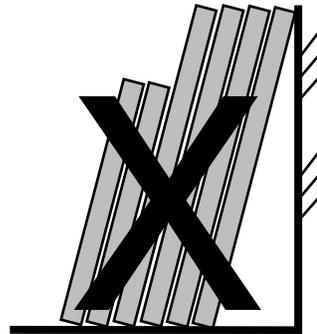
Toilet Partition Stacking

Do This



Stack Flat

Don't Do This



Stack Upright

Failure to follow these instructions may result in warped material
which is not covered by Bobrick's warranty.



BUILDING VALUE SINCE 1906

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200 Commerce Drive, Clifton Park, NY 12065-1350, Telephone: (518) 877-7444 • FAX: 518-877-5029
11611 Hart Street, North Hollywood, CA 91605-5882: (818) 982-9070 • FAX: 818-503-9287
or email BobrickCustomerService@bobrick.com

In Canada: BOBRICK WASHROOM EQUIPMENT COMPANY

45 Rolark Drive, Scarborough, Ontario M1R 3B1 • FAX: (877) 423-8555

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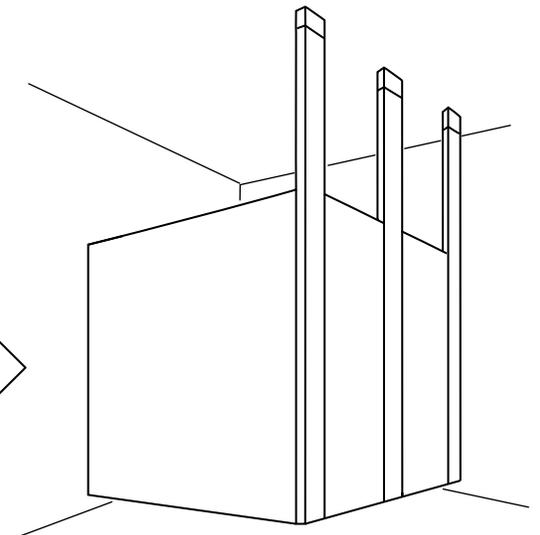
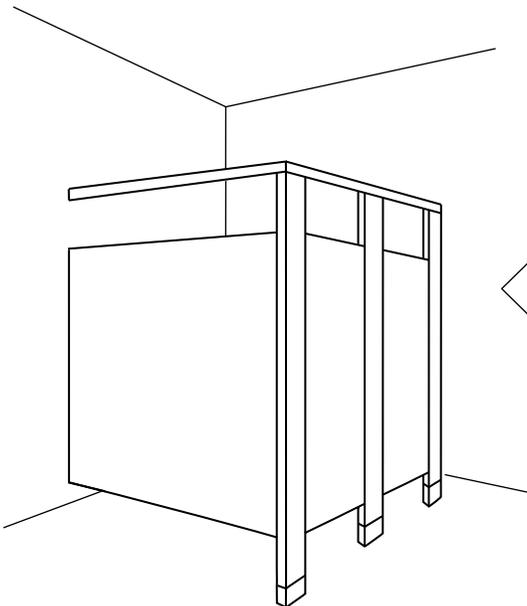
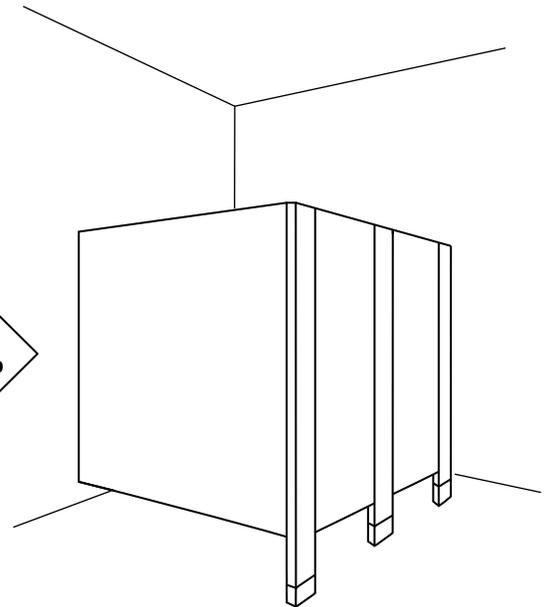
INSTALLATION INSTRUCTIONS

MAXIMUM PRIVACY

LAMINATED PLASTIC TOILET PARTITIONS

2030 TrimLineSeries™ • 2040 DesignerSeries™

IMPORTANT:
Storage and Handling Information on last page.
Review these instructions thoroughly prior to
installation.



PREPARATION

PRE-INSTALLATION.

- A. Structural support in walls and floors is not furnished by Bobrick. Confirm that adequate backing is present in wall, ceiling and floors prior to installation.
- B. This installation booklet must be used with the Bobrick layout sheets.
- C. You may verify hardware receipt by cross-referencing the last page of the layout sheets against the box contents.

INSTALLATION STEPS.

1. Lay Out All Anchor Locations..... Page 3
2. Install All Anchors Page 4
3. Install Wall Brackets Page 6
4. Position Panels..... Page 7
5. Install Stile-To-Panel Brackets..... Page 7
6. Install Stiles..... Page 8
7. Install Headrail (if applicable)..... Page 9
8. Install Inswing Doors Page 10
9. Install Outswing Doors Page 11
10. Install Shoes Page 12
11. Finishing And Cleanup..... Page 13

- A. Organize components with appropriate hardware.
- B. When calculating distances to centerlines, all panels, stiles, and doors are 1" (25mm) thick.
- C. Look for panel-to-stile offsets indicated on the layout sheets.



- D. Drilling into the steel core stile requires a larger pilot hole to avoid screw heads popping off; see pilot hole sizes on page 5.
- E. Keepers are not drilled to allow easier stile leveling.
- F. Doors are not pre-drilled for clothes hooks.
- G. On inswing doors the latch track projects past the edge of door to act as a doorstop.
- H. Remove debris from all drilled holes.

RECOMMENDED TOOLS.

CAUTION: Be sure to use proper safety gear.

1.  Chalk Line
2.  Plumb-bob
3.  Masking Tape (for laying out holes on floors/walls/ceilings to be drilled)
4.  Tape Measure and Pencils
5.  Center Punch
6.  Electric and/or Battery-Powered Drill
7.  Drill Bits
#19 (.166") M4.2
3/16" (4.7mm)
3/8" (9.5mm) for Concrete/Masonry
7/16" (11mm)
8.  Screwdrivers/Screwdriver Bits flathead and phillips, #2 and #3
9.  Pin-Head Torx Screw Driver – (to install door hardware) – Supplied by Bobrick
10.  Shims
11.  Adjustable Supports
1-1/2" to 12" (40–105mm)
12.  Level
13.  Wrench – adjustable or 9/16" (14mm) open end (2 reqd. for adjusting hex nuts on anchors)
14.  Allen Wrench – 5/64" (2mm) (to install door latch)—Supplied by Bobrick.
15.  Hack Saw
16.  Hammer
17.  Safety Glasses

STEP 1 LAY OUT ALL ANCHOR LOCATIONS

LAYOUT EXAMPLES.

LEGEND:  Obtain Dimension from Bobrick Layout Sheet.

Fig. 1a: Floor-Anchored or Ceiling-Hung Front-Entry Corner Layout.

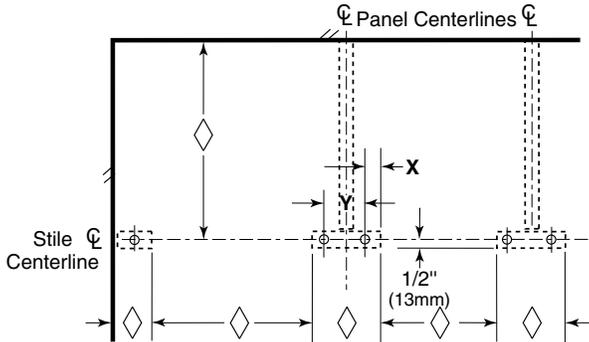


Fig. 1c: Floor-Anchored or Ceiling-Hung Alcove Closed Layout. Inswing Door

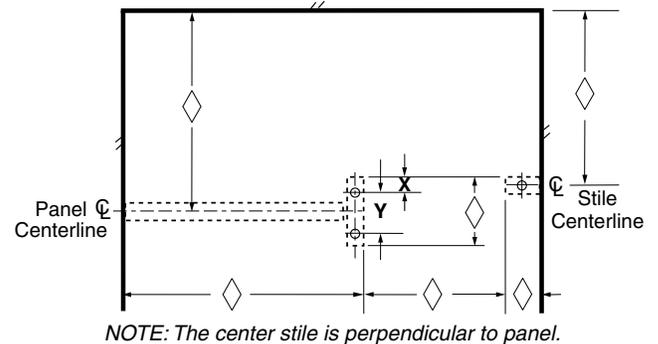


Fig. 1b: Overhead-Braced Alcove Closed Layout.

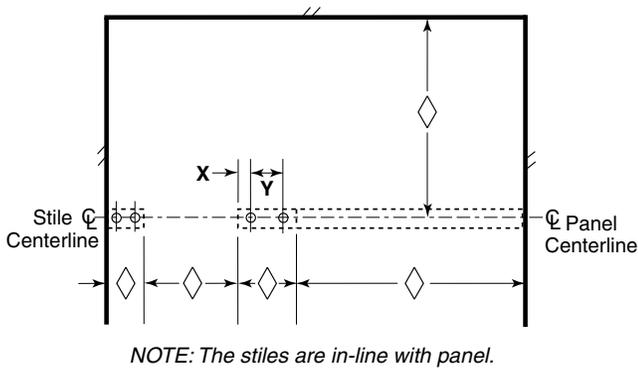
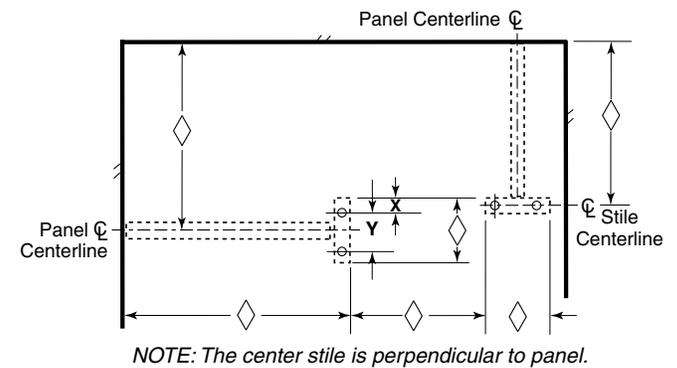


Fig. 1d: Floor-Anchored or Ceiling-Hung Alcove Closed Layout. Outswing Door

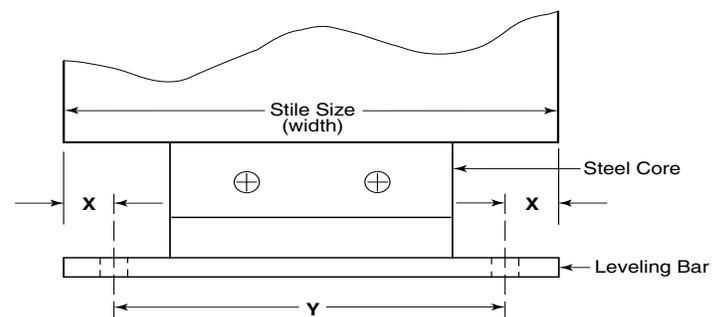


X Dim. = Stile Edge to Centerline of Mounting Hole. Y Dim. = Centerline-to-Centerline of Mounting Hole.

- Refer to Bobrick layout sheets for component locations on your specific application.
- From back wall, measure and mark the location of the stile centerline. Stile centerline = 1/2" (13mm) + panel length + gaps specified on layout sheets.
- From side wall and center of stile location, measure dimensions for floor or ceiling anchors according to layout sheet. Refer to the drilling table for center-to-center distances between anchors. For example: Centerline of floor anchor from edge of stile is 5/8" (16mm); dimension on 3" (8cm) stile is 1-1/2" (38mm).

DRILLING TABLE FOR DRILLING FLOOR OR CEILING ANCHORS			
Stile Size (width)	No. of Holes	X Dim.	Y Dim.
3" (8cm)	1	1 1/2" (38mm)	—
4" (10cm)	2	5/8" (16mm)	2 3/4" (7cm)
5" (13cm)	2	5/8" (16mm)	3 3/4" (10cm)
6" (15cm)	2	5/8" (16mm)	4 3/4" (12cm)
8" (20cm)	2	5/8" (16mm)	6 3/4" (17cm)
10" (25cm)	2	5/8" (16mm)	8 3/4" (22cm)
12" (30cm)	2	5/8" (16mm)	10 3/4" (27cm)
16" (41cm)	2	5/8" (16mm)	14 3/4" (38cm)
20" (51cm)	2	5/8" (16mm)	18 3/4" (48cm)
24" (61cm)	2	5/8" (16mm)	22 3/4" (58cm)

Fig. 1e: Detail of Typical Stile



NOTE: 16", 20", 24" (41, 51, 61cm) stiles have 2 leveling bars. Use the 2 outside slots for the 2 anchors.

STEP 2 INSTALL FLOOR ANCHORS

Fig. 2a: Finished Detail of Floor Anchor.

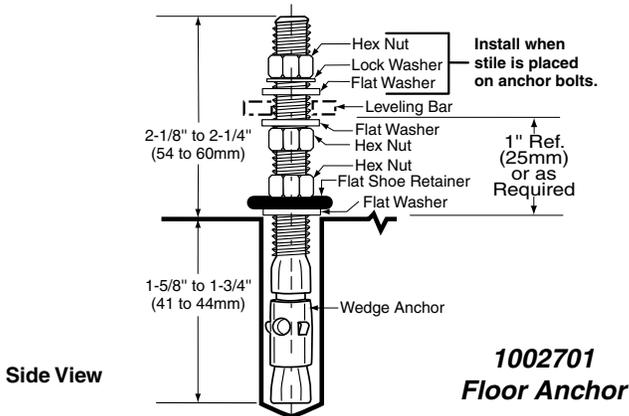
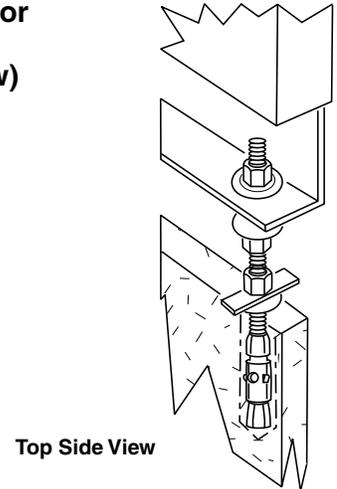


Fig. 2b: Floor Anchor Attached to Stile. (3-Dimensional View)



Parts Needed:

- 1002701 Floor Anchor Packet
(includes: 3 Hex Nuts, 3 Flat Washers, Wedge Anchor, Lock Washer, Flat Shoe Retainer)

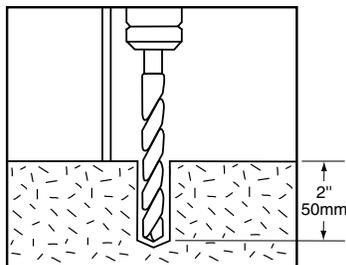
Tools Needed:

- Hammer
- Drill
- 3/8" (9.5mm) Concrete/Masonry Bit
- Wrench (Adjustable or 9/16" open end)

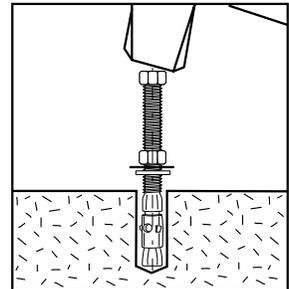
Hints/Notes:

- 3/8" x 2" (M9.5 x 50mm) hole needed to install 1002701 Floor Anchor. Use concrete/masonry drill bit.
- Floor Anchors for wood floors are available upon request.

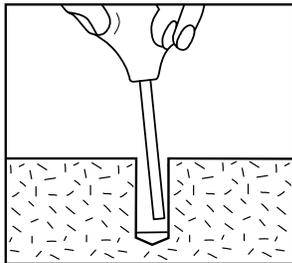
- A. Drill a 3/8" (9.5mm) hole to 2" (50mm) minimum depth.



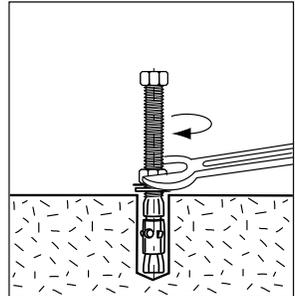
- D. Insert Anchor into hole with threaded end up. Use hammer to drive the Anchor into hole until Flat Washer is flush with concrete surface (depth set in STEP C).



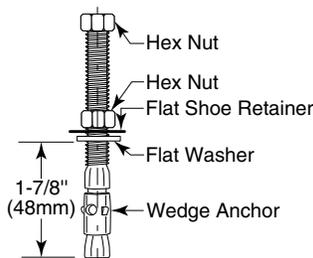
- B. Remove all loose material/debris from hole.



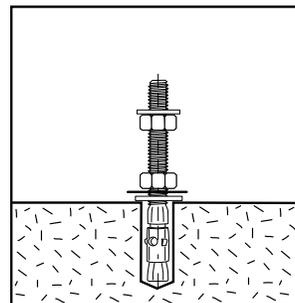
- E. Use Wrench to tighten Hex Nut until anchor is firmly set (2-4 full turns past finger tight position). Anchor bolt will move up approx. 1/16" (1.6mm) for every full turn of Hex Nut.



- C. Add Flat Washer, Flat Shoe Retainer, Hex Nut to Wedge Anchor so that Flat Washer is 1-7/8" (48mm) from the bottom of the anchor to ensure proper installation depth. Thread 2nd Hex Nut loosely to top of Anchor to prevent stripping or damaging threads during installation.



- F. Spin down top Hex Nut. Add Flat Washer.



NOTE: Do NOT add 3rd Hex Nut, Lock Washer, and 3rd Flat Washer until stiles are attached to Floor Anchor.

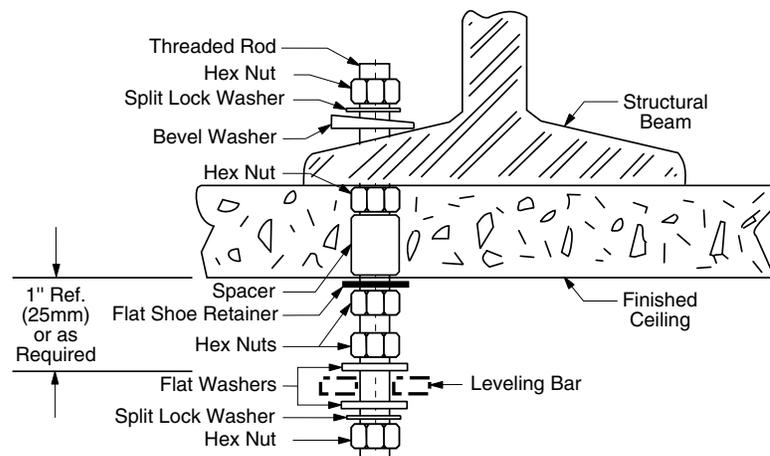
STEP 2 INSTALL CEILING ANCHORS

CEILING ANCHORS.

NOTE: Ceiling anchors are to be installed before finished ceiling is applied. All structural framing is to be furnished by others. For Bobrick recommendations, refer to Bobrick Form No. TB-32.

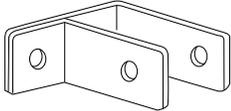
- A. Drill 7/16" (11mm) diameter hole through structural beam. Insert threaded rod through hole in beam. Rod is furnished standard 6" (150mm) length. Longer rods should be purchased locally if required.
- B. Place a bevel washer and lock washer over rod. Screw on one hex nut.
- C. Install second hex nut against bottom of beam and tighten.
- D. Install spacer, shoe retainer, and a third hex nut. Make sure shoe retainer is in proper position to accept shoe (see Fig. 2c or 10a for proper shoe retainer position).
- E. Install remaining flat washers (2), lock washer (1), and hex nuts (2), as shown in Fig. 2c.
- F. Repeat process for each ceiling anchor.

Fig. 2c: Detail of Ceiling Anchor.



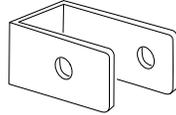
BRACKETS AND SCREWS

F-bracket



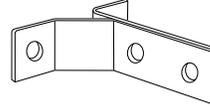
#1000353
Internal Panel to Wall

U-bracket



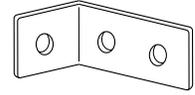
#1000356
Internal Panel to Stile

Y-bracket



#1000974
External Panel or Stile
to Wall or Panel

L-bracket



#1000351
External Panel to Stile



#1002500
#12 x 3/4" Pin-Head Torx Screw
(M5.5 x 19mm)
Panel/Stile Screw



#1002495
#12 x 2" Pin-Head Torx Screw
(M5.5 x 50mm)
Wall Screw

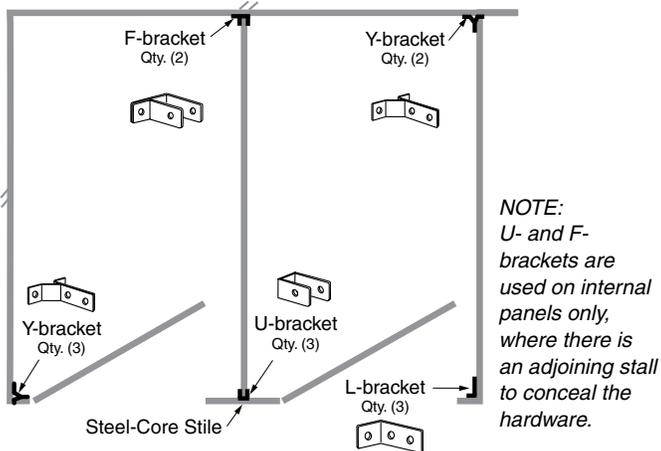
Pilot Hole Sizes—

- #19 (.166) x 3/4" (19mm)
• For attachment of brackets to panels.
• Do not through-drill.
- 3/16" x 3/4" (4.7 x 19mm)
• For attachment of U-brackets, L-brackets
or Y-brackets to steel-core stiles only.
• Do not through-drill.
- #19 (.166) x 2" (50mm)
• For attachment of all wall brackets to stud
backing.

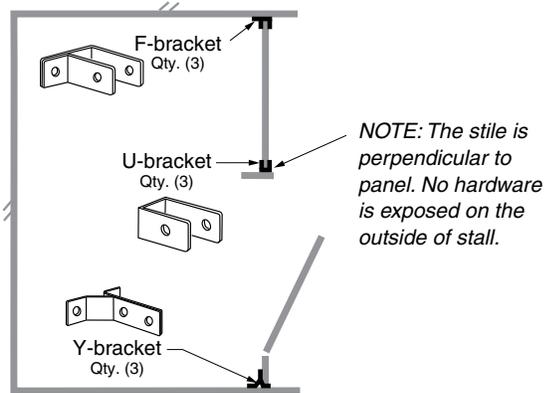
NOTE: Adequate wall backing is required. High-quality drill bit is suggested for drilling into steel-core stiles.

EXAMPLE BRACKET APPLICATIONS.

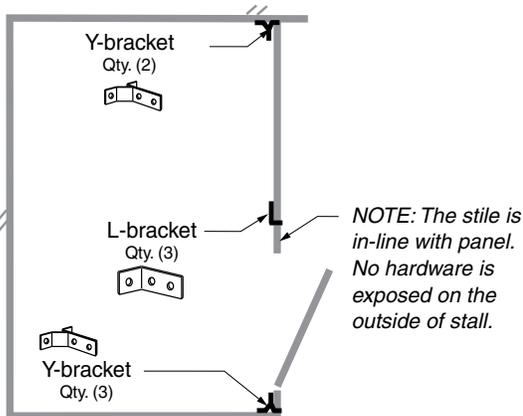
Front-Entry Corner Layout.



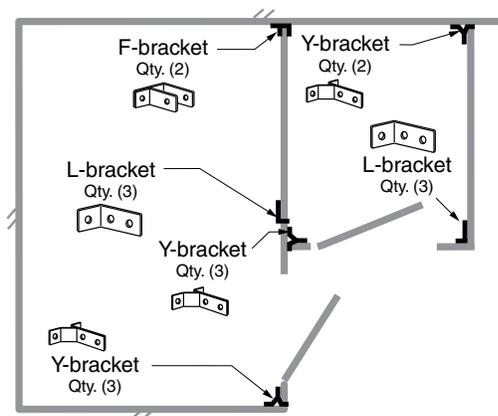
Floor-Anchored or Ceiling-Hung Alcove Closed Layout.



Overhead-Braced Alcove Closed Layout.



Overhead-Braced Alcove Open Layout and Adjoining Front-Entry Stall.



STEP 3 INSTALL WALL BRACKETS

- Measure and mark the locations of centerlines for all the stiles and panels on walls.
- Using the wall brackets as templates, measure and mark the location of all mounting holes, plumb according to dimensions shown in illustrations (Fig. 3a, 3b, 3c).
- Use #19 (.166) drill bit for 2" (50mm) deep pilot holes into adequate wall backing.
- Secure wall brackets with #1002495 screws.

⊕ *These mounting points require wall backing.*

◇ *Obtain Dimension from Bobrick Layout Sheet.*

Fig. 3a: Front-Entry Corner Layout.

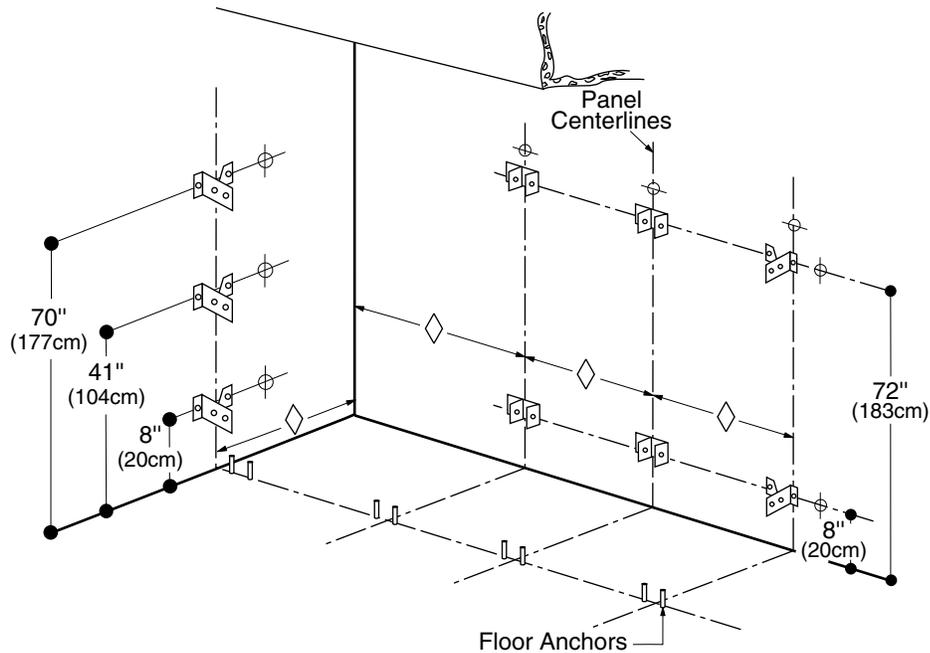


Fig. 3b: Overhead-Braced Alcove Closed Layout.

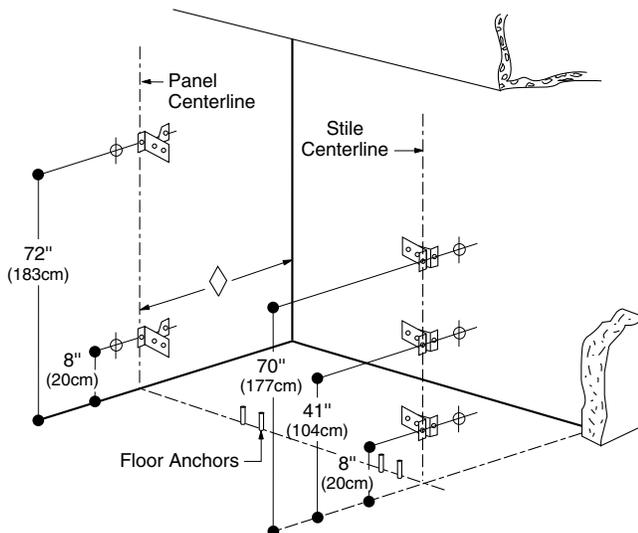
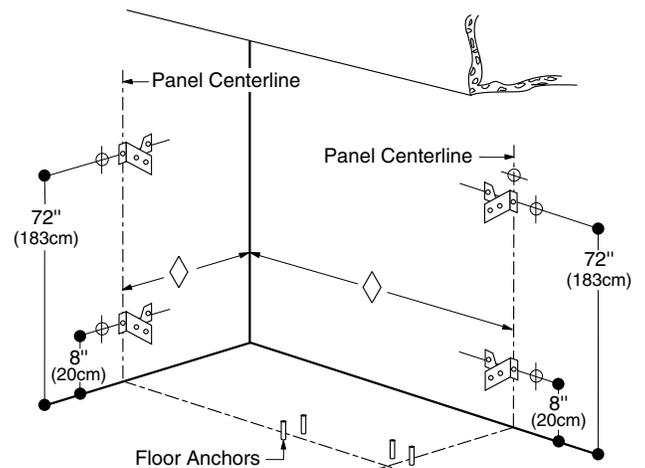


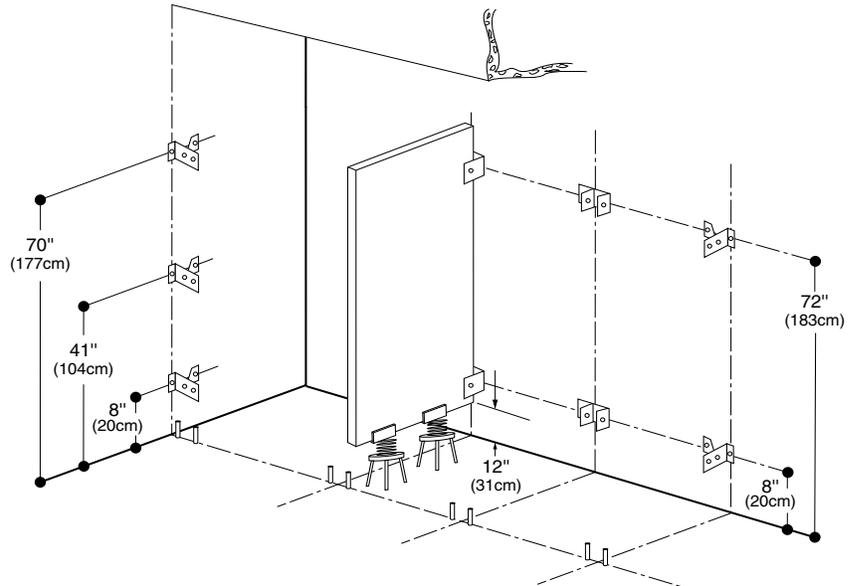
Fig. 3c: Floor-Anchored or Ceiling-Hung Alcove Open Layout.



STEP 4 POSITION PANELS

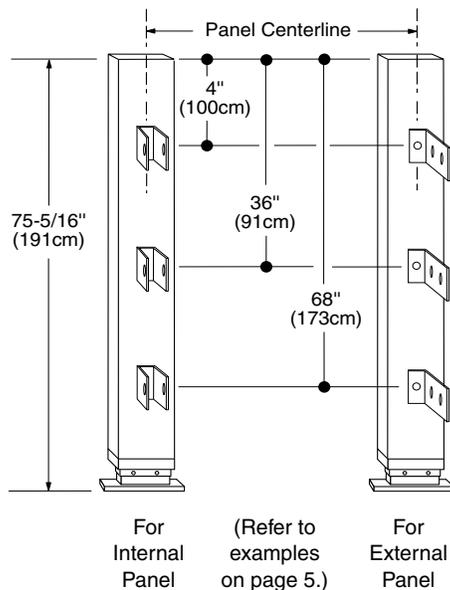
1. Place adjustable supports in position for each panel to hold them 4-5/16" (11cm) above the floor.
2. Place panels on the supports and into their respective wall brackets. *Do not secure panels to wall brackets at this time.*

Fig. 4: Panel and Adjustable Supports.



STEP 5 INSTALL STILE-TO-PANEL BRACKETS

Fig. 5a: Floor-Anchored or Ceiling-Hung Bracket Placement.



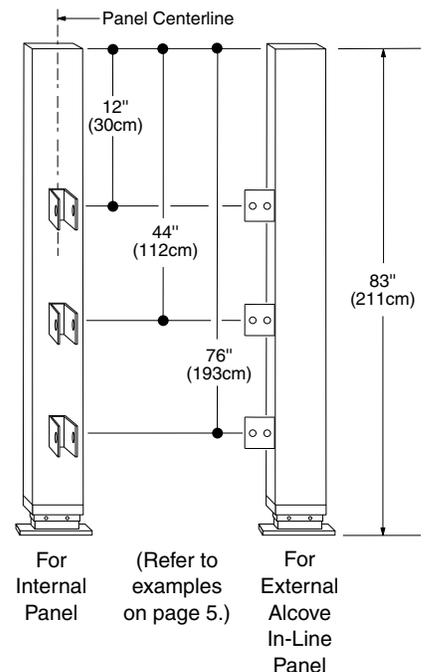
CAUTION: Panel centerline is not always on the stile centerline. Refer to Bobrick Layout Sheets for panel offsets.

- A. Measure and mark the centerlines for three (3) U- or L-brackets per stile.
- B. Using U- or L-bracket as a template, mark the location of all mounting holes.
- C. For U- or L-brackets attached to steel-core stiles, use a 3/16" high-quality drill bit (4.7mm) for 3/4" (19mm) deep pilot holes.

Caution: Do not drill through the stile

- D. For L-brackets attached to the edge of stile, use a #19 (.166) drill bit (4.2mm) for 3/4" (19mm) deep pilot holes.
- E. Secure U- or L-brackets with #1002500 screws.

Fig. 5b: Overhead-Braced Bracket Placement.



STEP 6 INSTALL STILES AND SET DOOR OPENINGS

- A. Place the stiles onto the threaded rods of anchors. Add a flat washer, lock washer, and a third hex nut to each threaded rod of floor anchors (these should already be in place on ceiling anchors—refer back to Fig. 2b). *Do not tighten hex nuts at this time.*
- B. Ensure edge of panel is touching screw heads in brackets on stiles. Using brackets as templates, drill #19 (.166) x 3/4" (19mm) pilot holes in panel.
- C. Fasten brackets to panels with #1002500 screws.
- D. Use level to plumb stiles. Place shims between panels and wall.
- E. Set door openings to be square, plumb and true per Bobrick Layout Sheet.
- F. Tighten hex nuts on stile anchoring system.
- G. Secure panels to wall brackets using #1002500 screws.

Fig. 6a: Overhead Braced Installation.

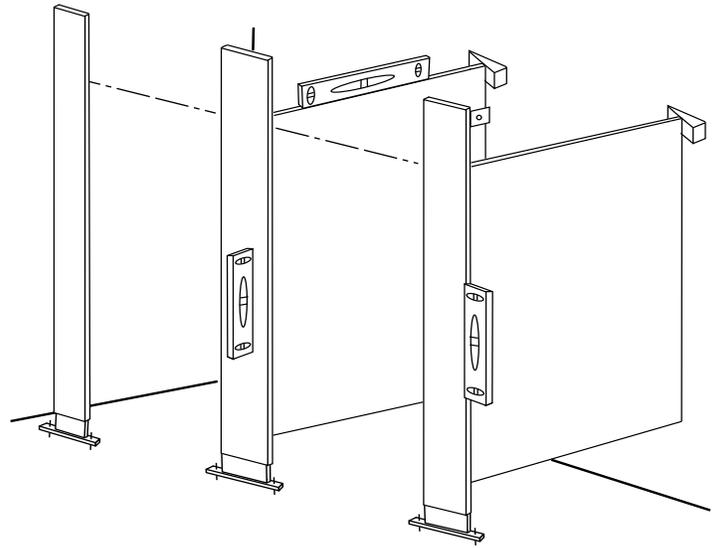


Fig. 6b: Floor-Anchored Installation.

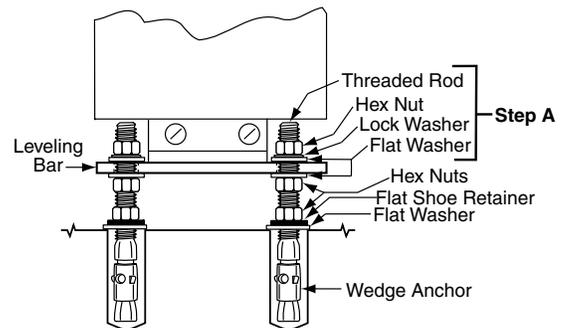
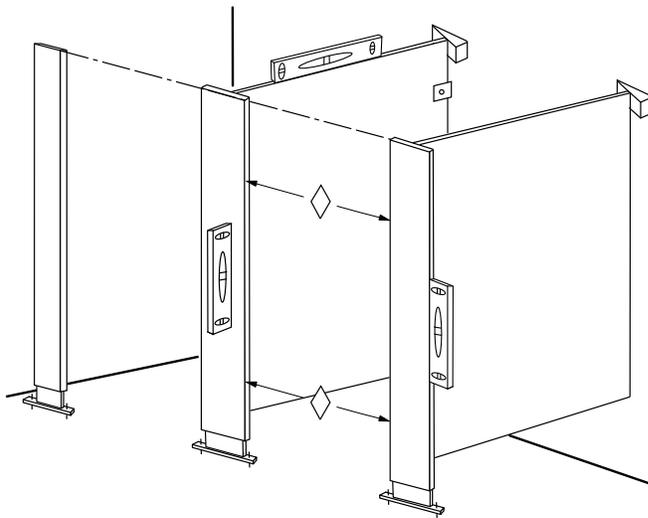
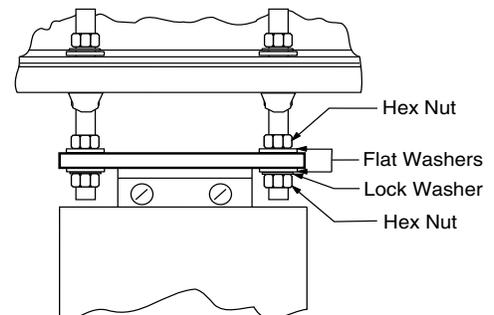
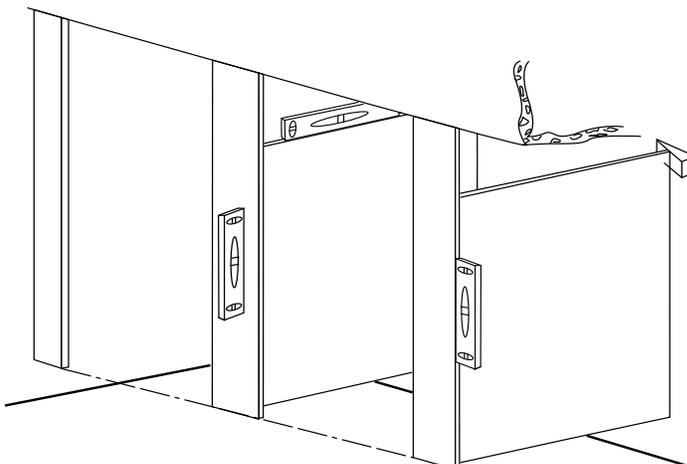


Fig. 6c: Ceiling-Hung Installation.

◇ Obtain Dimension from Bobrick Layout Sheet.



STEP 7 INSTALL HEADRAIL (IF APPLICABLE)

Note: Bobrick provides headrail in 84" (213cm) part #1002380 long sections. Headrail seams must be located over stiles.

- A. Measure wall-to-wall dimension less 1/4" (6mm). If it is a corner application, measure from wall to outside edge of stile less 1/8" (3mm).
- B. Place headrail over stile.
- C. For corner and alcove layouts, cut return headrail. Measure from the inside edge of front headrail to the back wall (See Fig. 7a and 7b).
- D. Using the #1000927 headrail bracket as a template, mark the location for mounting holes in walls and headrails.
- E. Drill #19 (.166) x 3/4" (19mm) pilot holes into front headrail and stiles; then, at wall locations, drill #19 (.166) x 2" (50mm) pilot holes into adequate wall backing.
- F. Fasten headrail bracket #1000927 to front headrail with #1002500 screws and to wall with #1002495 screws.

- G. Connect the return headrail to front headrail with headrail bracket #1000927 and four (4) #1002500 screws.
- H. For corner layouts, install #1000762 end cap to finish the corner. Using the end cap as a template, mark and drill pilot hole then, secure end cap with one (1) #1002500 screw.
- I. Fasten front headrail to stile by drilling pilot hole, then secure front headrail to stile with one (1) #1002500 screw.

Fig. 7a: Alcove Configuration.

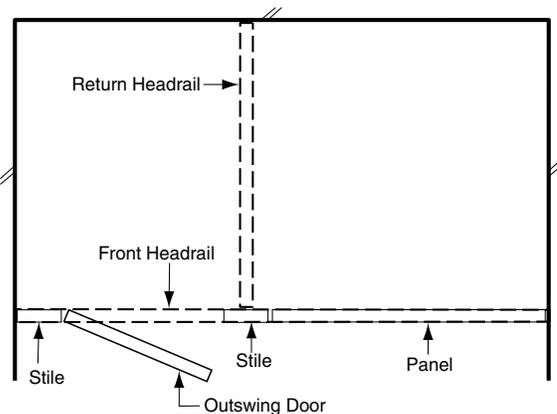


Fig. 7b: Headrail Installation Hardware. Corner Configuration.

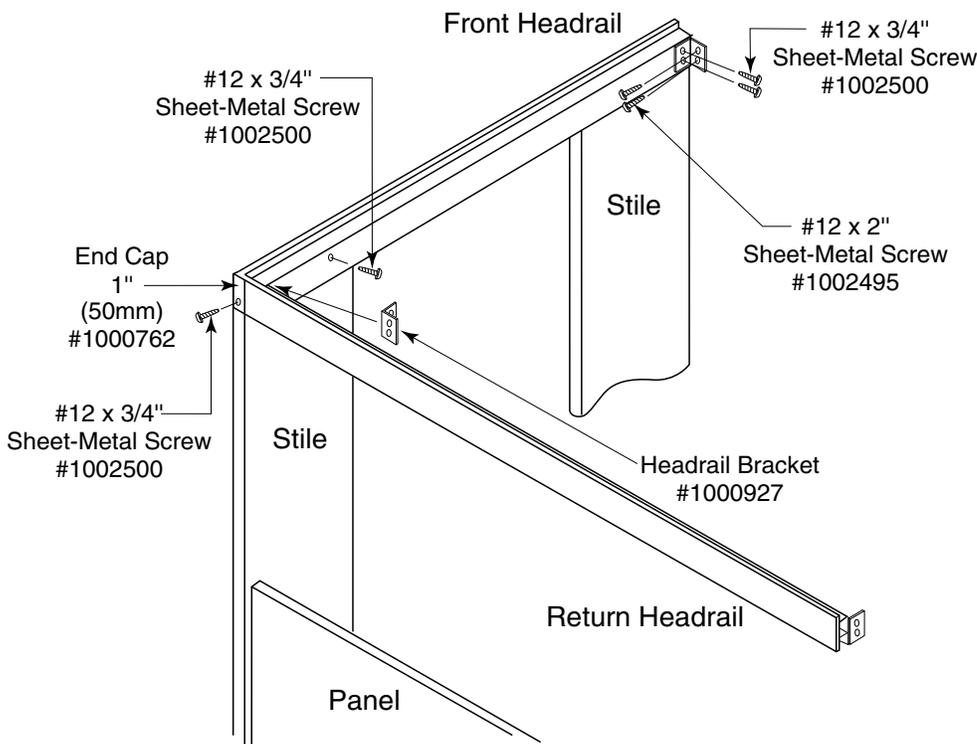
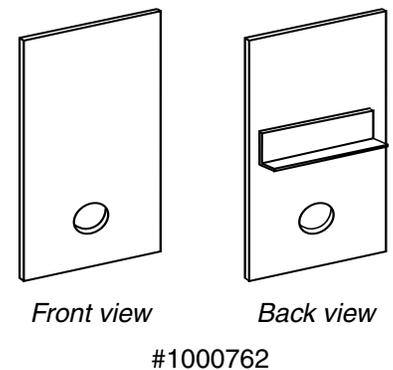
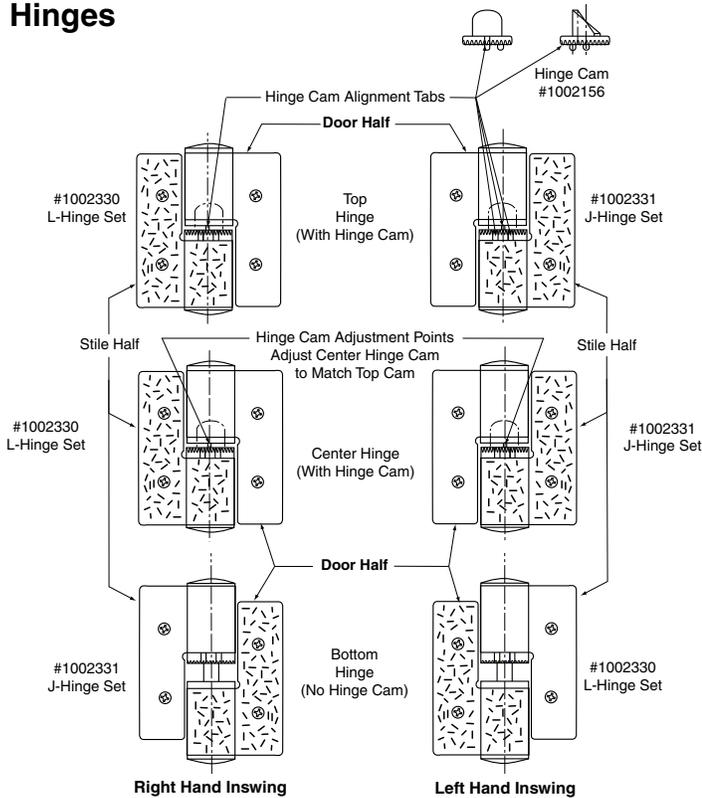


Fig. 7c: Detail of End Cap.



STEP 8 INSTALL INSWING DOORS

Hinges



#1002494
1/4-20 x 3/4" (19mm)
Pin-Head Torx Screw

DOOR HARDWARE INSTALLATION.

Hinge.

- Using hinge diagram at left, identify the (2) upper and (1) lower hinge set for right hand or left hand installation. Locate cam for upper hinges, part number 1002156.
- Separate hinge sets and fasten the (3) halves that have plastic bushings with "teeth" and cam alignment tabs onto stile using driver and #1002494 (1/4-20 x 3/4") screws. Refer to diagram to ensure "J" and "L" halves are located properly.
- Fasten (2) upper hinge halves to door.
- Insert (1) hinge pin and (1) -1002156 plastic cam on each of the (2) upper stile hinge halves.
- Lift door and position onto (2) upper stile hinge halves. Door should be hanging securely on upper (2) hinges.
- Insert remaining hinge pin in lower door and mount hinge half to door.

To Increase or Decrease Opening of Door.

- When the cam has been set at the desired free resting position, "either closed or open" the top of the affixed components will be aligned.
Tip - Industry tolerance in the hardware will sometimes allow fine alignment adjustments to some partition components. These fine adjustments may be performed by loosening the hardware screws and adjusting the components the direction needed and retightening the screws.

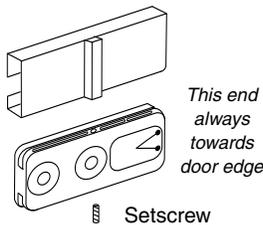
- Alignment tabs have been formed into the cam and plastic hinge bushing.
- Lift door to limit of upward travel (approximately 1/2"). While door is lifted, raise cam above bottom bushing and rotate so alignment tabs meet. Ensure both upper hinges are set to same alignment tab.
- To set door in open position, rotate cams toward door opening direction.
- To set door in closed position, rotate cams toward door closing direction.
- Door may not function properly if cam and bushing tabs on both hinges are not aligned properly.

Latch, Keeper, and Clothes Hook.

- Attach the latch track to the door. **NOTE: Latch track projects past edge of door and acts as doorstop.**
- Slide the stainless steel latch into the grooves on latch track. Center the latch on track. Insert a setscrew into the threaded hole in the bottom of track and tighten until flush with the bottom of latch.
- Attach the keeper (see Fig. 8a and 8b) and clothes hook using driver and #1002500 screws.

Latch Packet

Latch



Latch Track

Setscrew

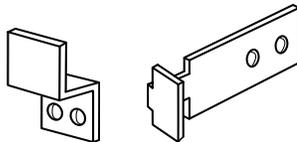


#1000077
1/4-20 x 1" (M6-1 x 25mm)
Flat-Head Latch Screw



#1000900 Packet
(5/64" Allen Wrench for
Setscrew to Latch Track)

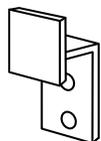
Keepers



#1000180
Front Entry

#1000188
Alcove

Clothes Hook

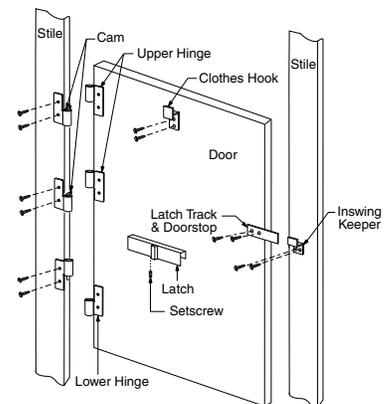


#1000869



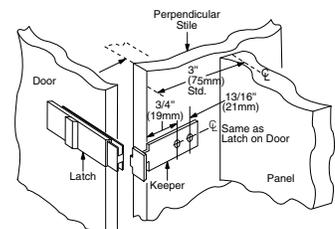
#1002500
#12 x 3/4" (5.5 x 19mm)
Pin-Head Torx Screw
Pilot Hole = #19 (.166) x 3/4"
(19mm)

Fig. 8a: Right-Hand Inswing Door.



Inside View

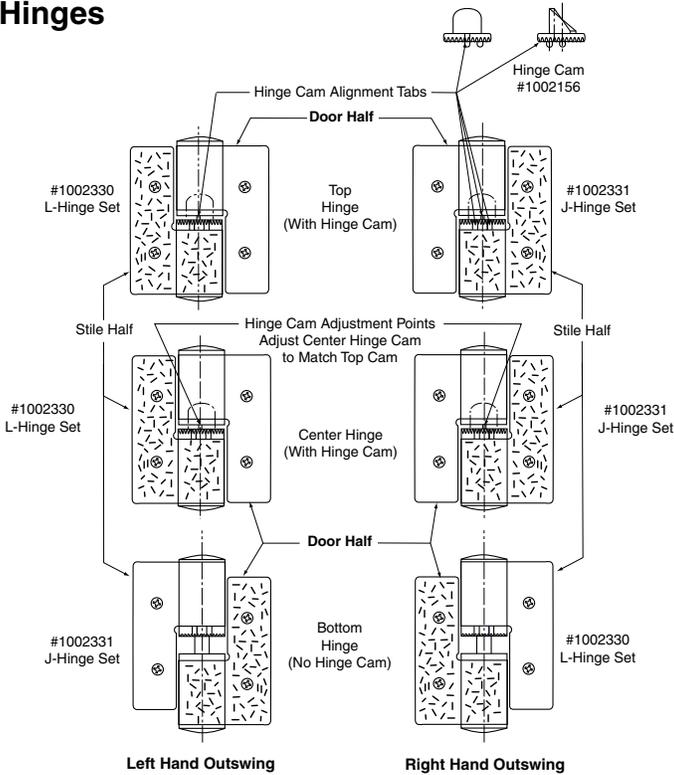
Fig. 8b: Inswing Door Keeper on Perpendicular Stile (Alcove Layout).



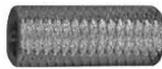
Inside View

STEP 9 INSTALL OUTSWING DOORS

Hinges



#1002491
1/4-20 x 1/2" (M6-1 x 13mm)
Pin-Head Torx Screw



#1002412
Brass Insert for Hinges

DOOR HARDWARE INSTALLATION.

Hinge.

- Using hinge diagram at left, identify the upper and lower hinge set for right hand or left hand installation. Locate cam for upper hinge, part number 1002156.
- Separate hinge sets and through-bolt the 3 halves that have plastic bushings with "teeth" and cam alignment tabs onto stile using #1002412 insert and 1002491 (1/4-20 x 1/2") screws. Refer to diagram to ensure "J" and "L" halves are located properly.
- Through-bolt remaining (2) upper hinge halves to door using #1002491 screws to inserts.
- Insert hinge pin and #1002156 plastic cam on (2) upper stile hinge halves.
- Lift door and position onto (2) upper stile hinge halves. Door should be hanging securely on upper (2) hinges.
- Insert remaining hinge pin in final hinge half. After inserting hinge pin into bottom stile half, through-bolt hinge half to door bottom using #1002491 screws to inserts.
- When the cam has been set at the desired free resting position, "either closed or open" the top of the affixed components will be aligned.

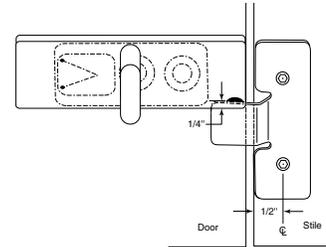
Tip - Industry tolerance in the hardware will sometimes allow fine alignment adjustments to some partition components. These fine adjustments may be performed by loosening the hardware screws and adjusting the components the direction needed and retightening the screws.

To Increase or Decrease Opening of Unlatched Door, see page 10.

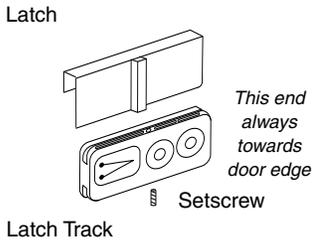
Latch, Keeper, Clothes Hook, and Door Handle.

- Attach the latch track to the door. **NOTE: Latch track does not project past edge of door.**
- Slide the stainless steel latch into the grooves on latch track. Center the latch on track. Insert a setscrew into the threaded hole in the bottom of track and tighten until flush with the bottom of latch.
- Attach the keeper (see Fig. 9a) and attach the clothes hook (not through-bolted). **NOTE: On outswing door, position robe hook per local accessible toilet compartment codes. For prep. alcove, use 1000192 keeper as a template to mark location. Install keeper using #1002500 screws.**
- Using the door handle as a template on the outside of door, mark location for top hole in handle 27" (685mm) up from the bottom of door and 3" (75mm) from the edge of door. Mark location for bottom hole in handle.
- Drill two (2) 3/16" (5mm) diameter holes through door. Attach handle to outside of door using 8-32 x 1-1/4" (4.2 x 30mm) pin-head torx screws.

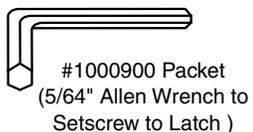
Plastic Latch Track mounting holes must be located towards the door edge



Latch Packet



#1000077
1/4-20 x 1" (M6-1 x 25mm)
Flat-Head Latch Screw

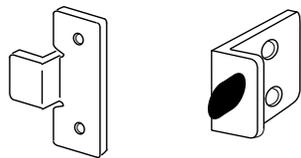


#1000900 Packet
(5/64" Allen Wrench to Setscrew to Latch)



#1000418
Accessible Toilet
Compartment Label

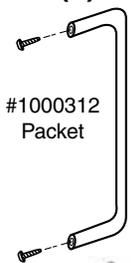
Keepers



#1002023
Front Entry

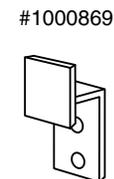
#1000192
Alcove

Door Handle (2)



#1000312
Packet

Clothes Hook



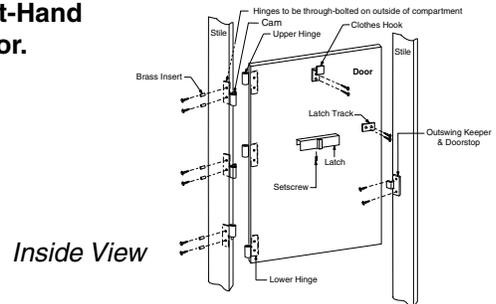
#1000869



#1002500
#12 x 3/4" (5.5 x 19mm)
Pin-Head Torx Screw
Pilot Hole = #19 (.166) x 3/4"
(19mm)

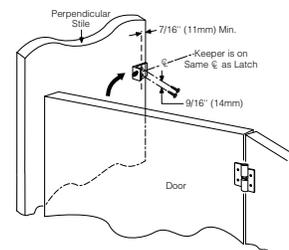
Outswing Keeper Detail

Fig. 9a: Right-Hand Outswing Door.



Inside View

Fig. 9b: Outswing Door Keeper on Perpendicular Stile (Alcove Layout)



Outside View

STEP 10 INSTALL SHOES

- A. Locate proper width shoe for stile.
- B. Confirm shoe retainer (part number 1002186) is installed on anchor bolt next to flat washer closest to floor or ceiling. For anchor assembly detail, reference diagram on Page 4.
- C. Shoes accommodate 1" thick or 3/4" thick stiles. For 1" thick stiles, orient shoe with 3/16" wide flange return against faces and edge of stile.
- D⁽¹⁾. Standard Stile Installation - See Fig. 10a
 - Open end of shoe and slide onto bottom of stile, trapping bottom flange under shoe retainer.
 - Close open end of shoe, overlapping so holes are aligned. Install flat head retaining screw through double thickness of material to close shoe.
- D⁽²⁾. Stile-to-Wall Installation - See Fig. 10b
 - Stile-to-wall shoe retaining clip (part number 1002185) is supplied for every stile-to-wall. Locate shoe retaining clip.
 - Hold retaining clip by its extended leaf with pliers. Spread shoe open at least one inch and insert retaining clip into hole on inner leaf of shoe until it snaps into place.
 - Open end of shoe and slide onto bottom of stile, trapping bottom flange under shoe retainer. Shoe retaining clip will be positioned against wall.
 - Close edges of shoe together until remaining hole snaps into place on retaining clip.
- E. Remove protective covering and wipe shoe clean.

Fig. 10a: Standard Stile Installation.

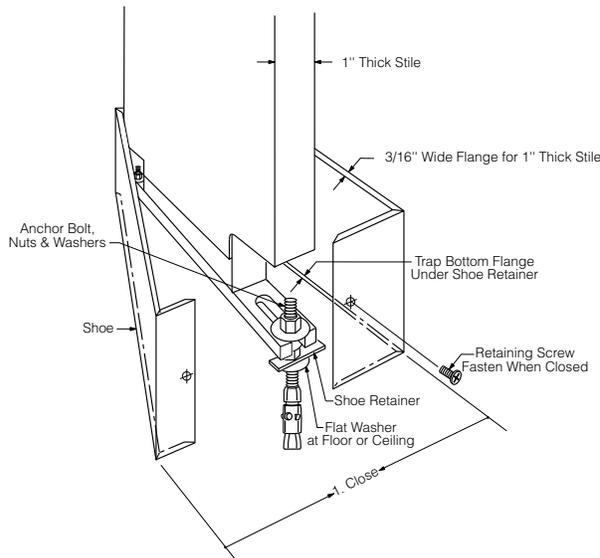
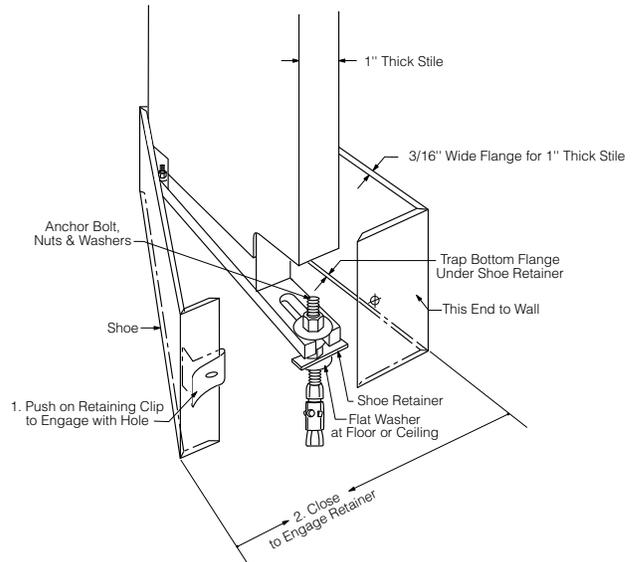


Fig. 10b: Stile-to-Wall Installation.



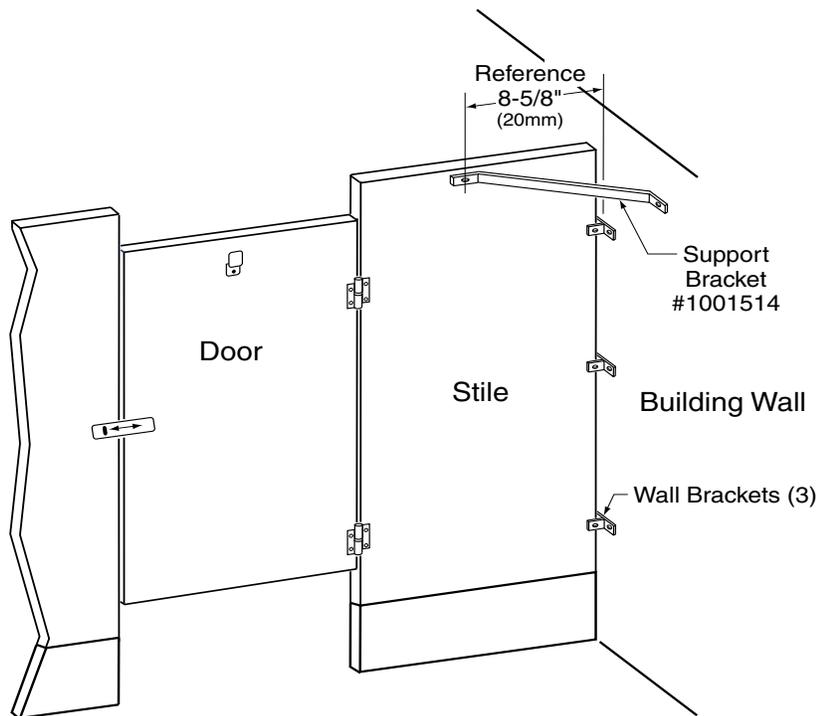
REPLACEMENT SHOE GUIDE

Stile Width	Bobrick Part Number
3"	1002175
4"	1002176
5"	1002184
6"	1002177
8"	1002178
10"	1002179
12"	1002180
16"	1002181
20"	1002182
24"	1002183

STEP 11 INSTALL SUPPORT BRACKET (IF APPLICABLE)

- 16", 20" and 24" stiles attached to side wall or end panel will be supplied with a support bracket (#1001514) for added stability.
- Install bracket at highest point on top of stile for floor anchored configurations. For ceiling-hung configuration, install bracket at lowest point on bottom of stile.
- Install bracket to stile and panel using #1002500 screw and #1000814 washer. Install bracket to wall using #1002495 screw to adequate backing.

Screw Into	Screw Number	Screw Size
Stile	1002500	#12 x 3/4" (5.5 x 19mm)
Wall	1002495	#12 x 2" (5.5 x 50mm)
Laminate Panel	1002500	#12 x 3/4" (5.5 x 19mm)
Washer	1000814	NA



Note: For Ceiling-Hung system, support bracket at lowest point possible on stile.

STEP 12 FINISHING AND CLEANUP

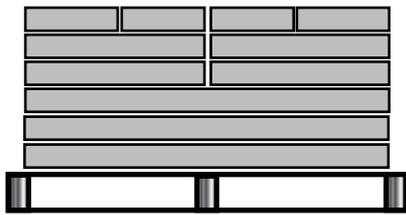
- Remove any exposed labels from the components of toilet compartments.
- Clean surfaces as needed. **CAUTION:** Do not use cleaners containing acid on Bobrick toilet compartments. For example, tile cleaners containing acid may attack the stainless steel hardware. For Bobrick recommendations, refer to Bobrick Form Nos. TB-21 and TB-60.

Important Toilet Partition Storage and Handling Information

Store in a clean, dry area. Do not store outside.
Move material to installation area 72 hours before installation.
Always store material flat with weight evenly supported.

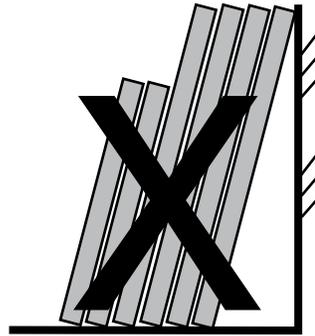
Toilet Partition Stacking

Do This



Stack Flat

Don't Do This



Stack Upright

Failure to follow these instructions may result in warped material which is not covered by Bobrick's warranty.



In the United States: BOBRICK WASHROOM EQUIPMENT, INC.
200 Commerce Drive, Clifton Park, NY 12065-1350, Telephone: (518) 877-7444 • FAX: 518-877-5029
11611 Hart Street, North Hollywood, CA 91605-5882: (818) 982-9600 • FAX: 818-503-9287
or email BobrickCustomerService@bobrick.com

In Canada: BOBRICK WASHROOM EQUIPMENT COMPANY
45 Rolark Drive, Scarborough, Ontario M1R 3B1 • FAX: (877) 423-8555

