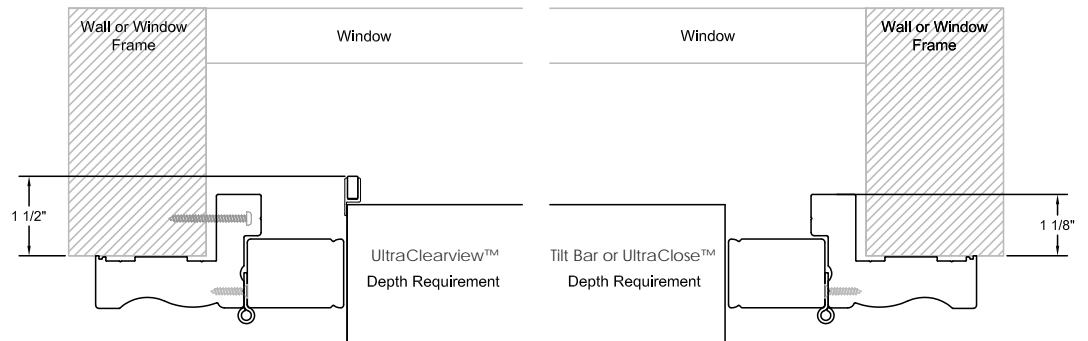
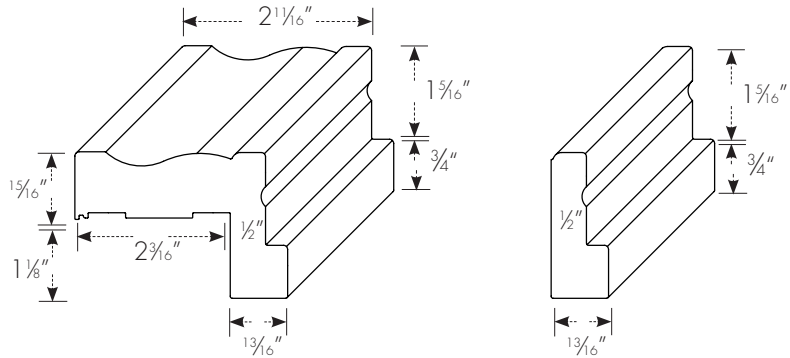


Shutters FR - Deluxe Trim Frame

Diagram

Deluxe Trim Frame (D Frame) & Sill

Used for inside mounts in openings with drywall returns and without trim and includes a $\frac{1}{4}$ " standard IM deduction. May be ordered with Sill Frame at bottom for openings with window sill. Because the extended leg has been removed, the bottom frame will sit flat on the window sill. The Sill Frame will be positioned at the bottom unless otherwise specified.



Depth Clearance

With UltraClearview™

2 1/2" Louver = 1 1/2"

3 1/2" Louver = 2"

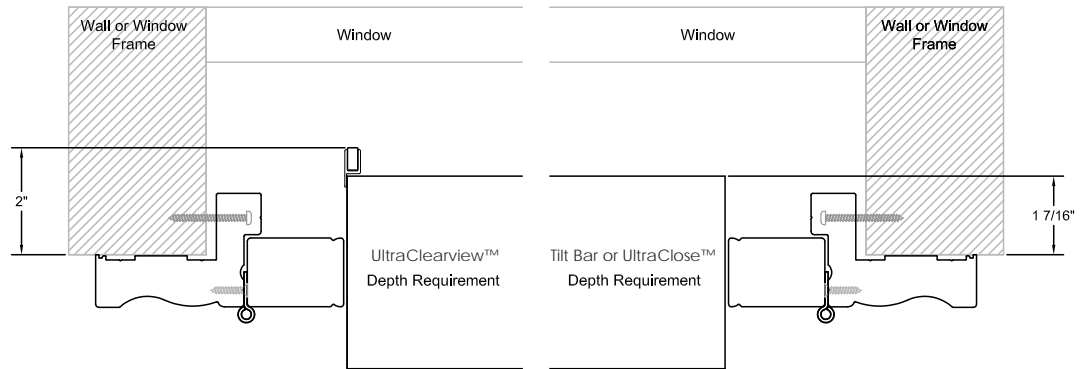
4 1/2" Louver = 2 1/2"

With Tilt Bar or UltraClose™

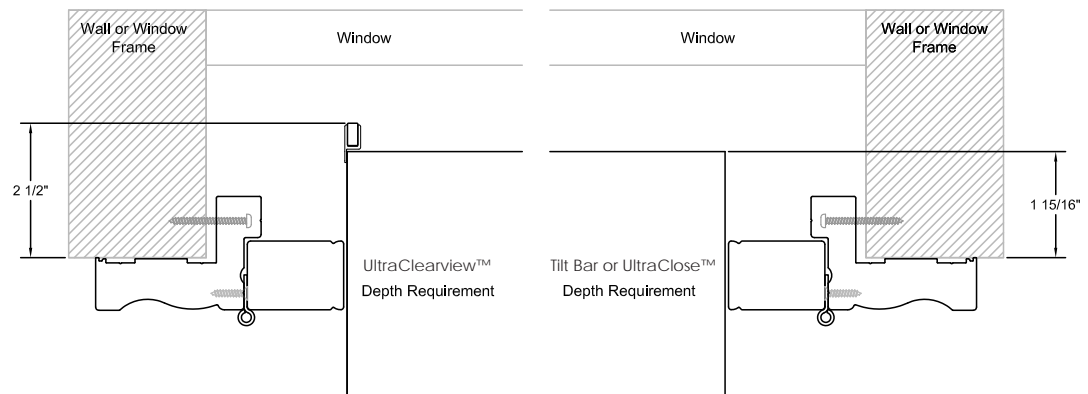
2 1/2" Louver = 1 1/8"

3 1/2" Louver = 1 7/16"

4 1/2" Louver = 1 15/16"



Depth clearance is the minimum window opening depth required for shutters to operate without interference.

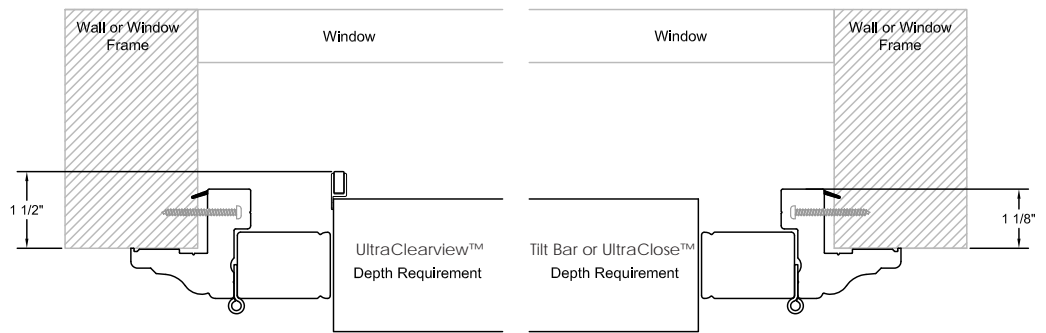
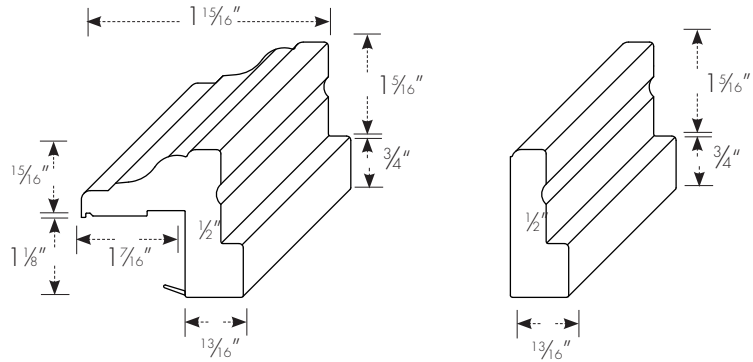


Shutters FR - Trim Frame

Diagram

Trim Frame with Flex (T Frame) & Sill

Used for inside mounts in openings with drywall returns and without trim and includes a $\frac{3}{8}$ " standard IM deduction. May be ordered with Sill Frame at bottom for openings with a window sill. Because the extended leg has been removed, the bottom frame will sit flat on window sill. The Sill Frame will be positioned at the bottom unless otherwise specified.



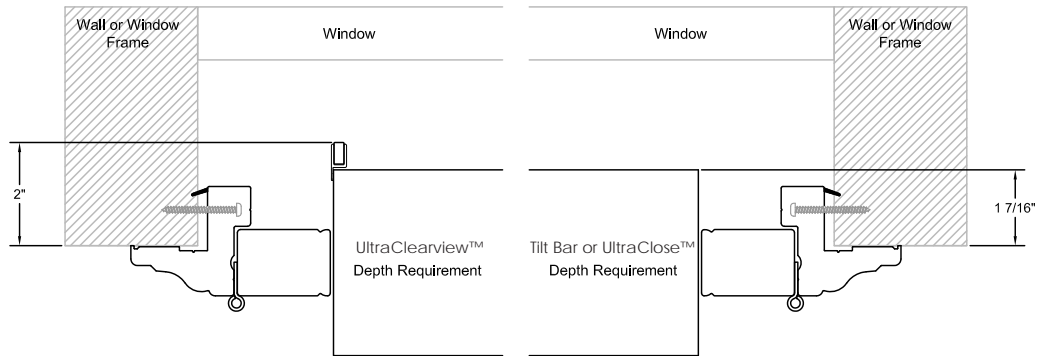
Depth Clearance

With UltraClearview™

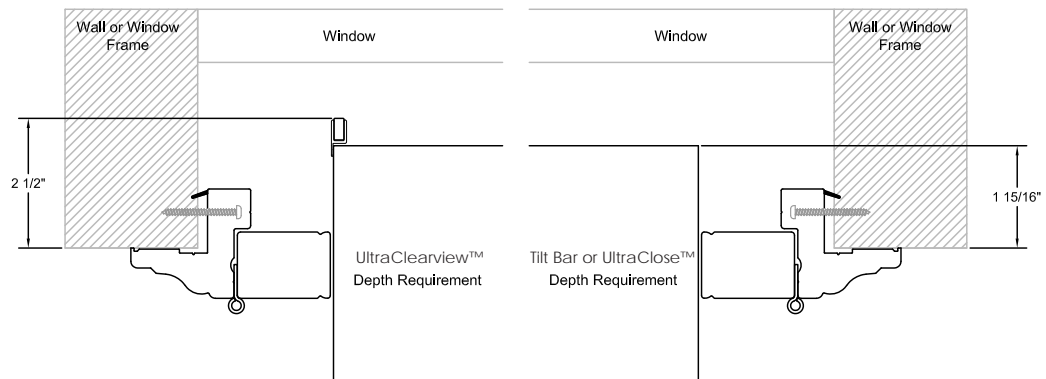
- 2 1/2" Louver = 1 5/8"
- 3 1/2" Louver = 2 1/8"
- 4 1/2" Louver = 2 5/8"

With Tilt Bar or UltraClose™

- 2 1/2" Louver = 1 1/8"
- 3 1/2" Louver = 1 7/16"
- 4 1/2" Louver = 1 15/16"



Depth clearance is the minimum window opening depth required for shutters to operate without interference.

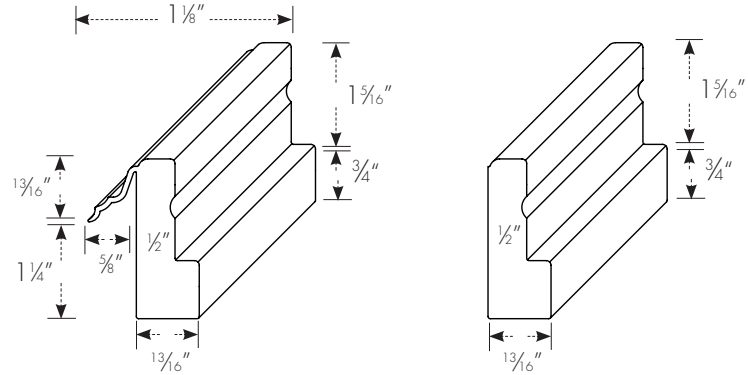


Shutters FR - Z Frame

Diagram

Z-Frame & Sill

Used for inside mount applications only. Blends well with all types of trim and includes a 1/4" standard IM deduction. Excellent for slightly out of square windows because the extended leg covers many imperfections. Jamb depth required is a minimal 1 1/4". May be ordered with Sill Frame at the bottom for openings with a window sill. Because extended leg has been removed, the bottom frame will sit flat on a window sill. The Sill Frame will be positioned at the bottom unless otherwise specified



Depth Clearance

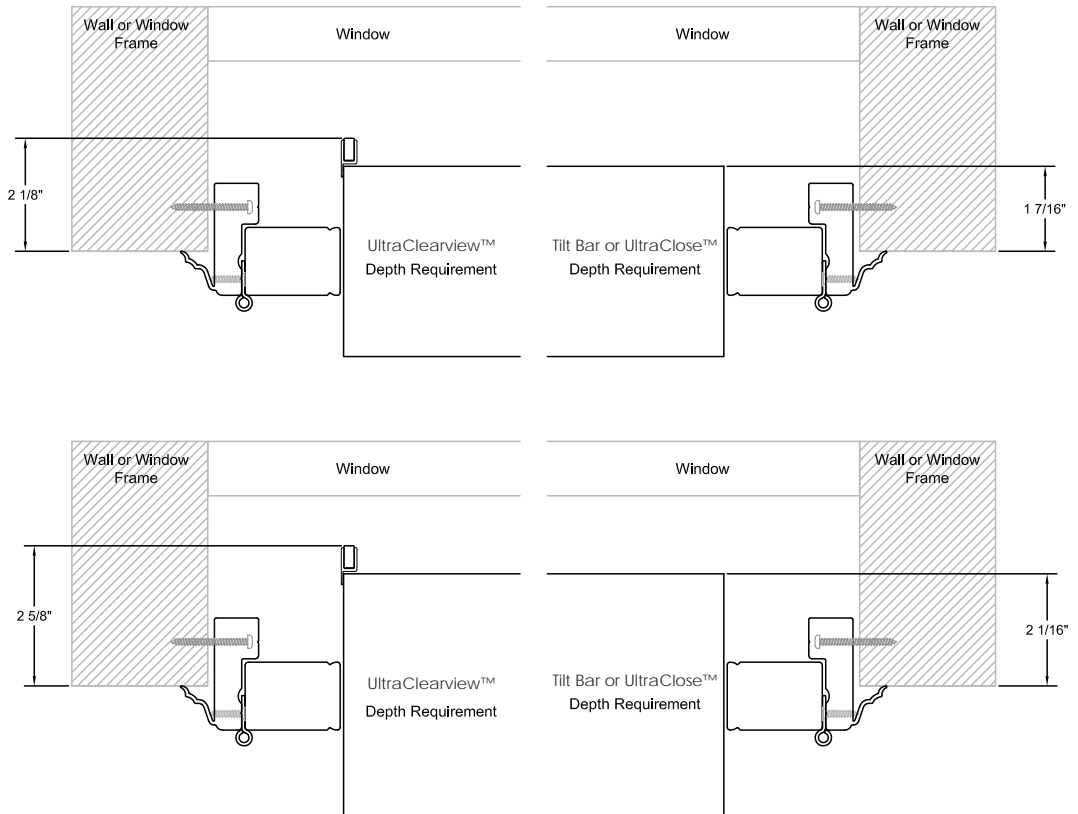
With UltraClearview™

- 2 1/2" Louver = 1 5/8"
- 3 1/2" Louver = 2 1/8"
- 4 1/2" Louver = 2 5/8"

With Tilt Bar or UltraClose™

- 2 1/2" Louver = 1 1/4"
- 3 1/2" Louver = 1 7/16"
- 4 1/2" Louver = 2 1/16"

Depth clearance is the minimum window opening depth required for shutters to operate without interference.

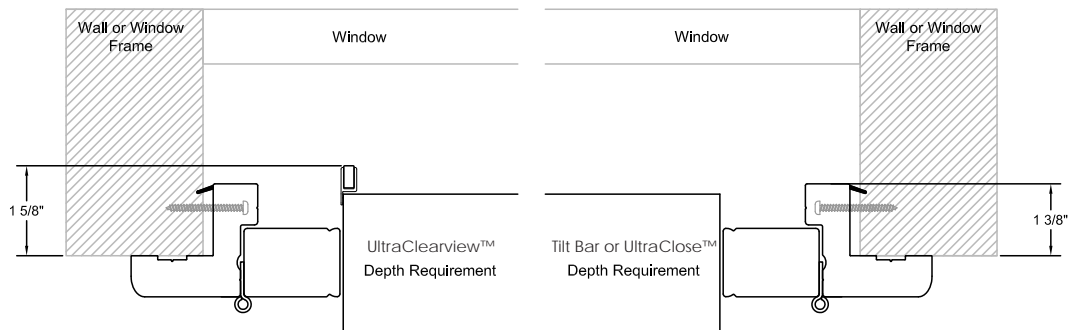
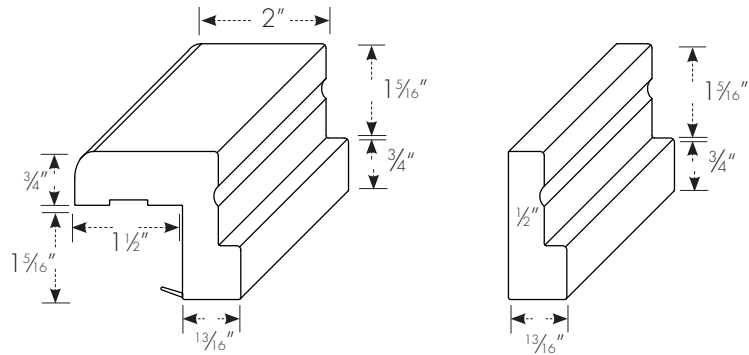


Shutters FR - Bullnose Z Frame

Diagram

Bullnose Z Frame with Flex (BZ Frame) & Sill

Used for inside mounts in openings with drywall returns and without trim and includes a 3/8" standard IM deduction. May be ordered with Sill Frame at bottom for openings with a window sill. Because the extended leg has been removed, the bottom frame will sit flat on window sill. The Sill Frame will be positioned at the bottom unless otherwise specified



Depth Clearance

With UltraClearview™

2 1/2" Louver = 1 5/8"

3 1/2" Louver = 2 3/16"

4 1/2" Louver = 2 11/16"

With Tilt Bar or UltraClose™

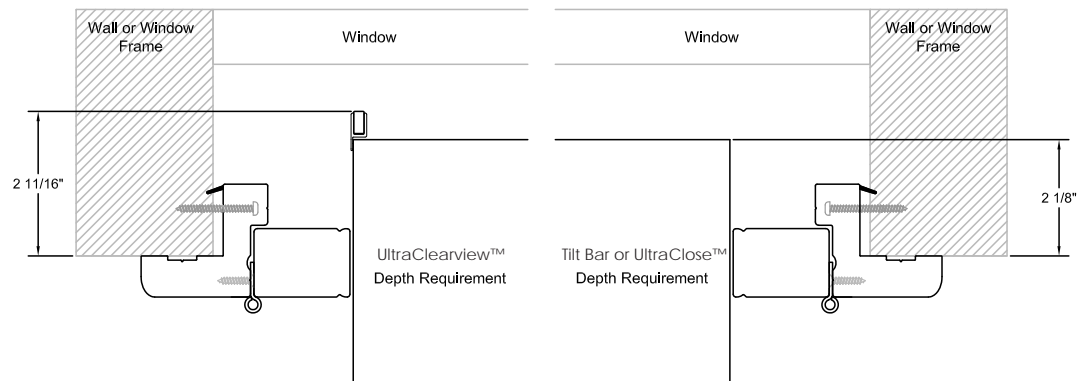
2 1/2" Louver = 1 3/8"

3 1/2" Louver = 1 5/8"

4 1/2" Louver = 2 1/8"



Depth clearance is the minimum window opening depth required for shutters to operate without interference.

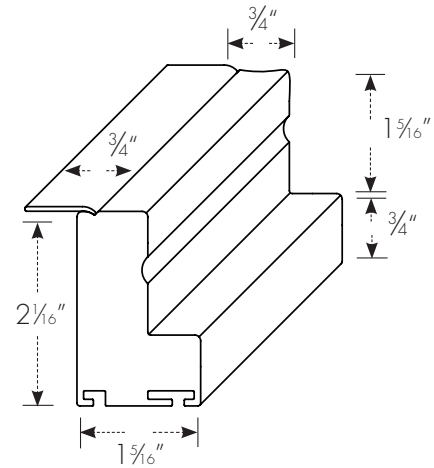


Shutters FR - L Frame

Diagram

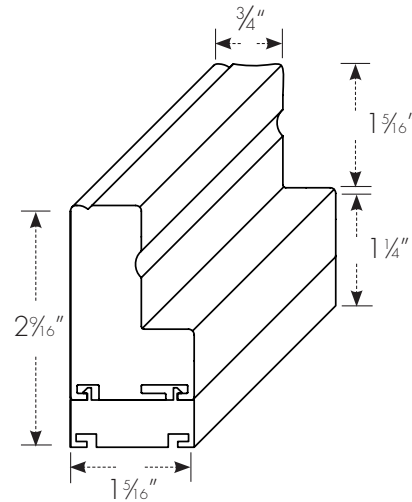
L-Frame

May be used for inside mounts if window openings are a square (a 1/8" IM deduction standard), or outside mounts directly to the top of the trim or beside the trim. For an inside mount, caulking or the optional L-Frame Cover Strips may be necessary to cover any uneven gaps. The optional L-Frame cover strips must be requested separately. The Cover Strip is glued to the face of the L-Frame.



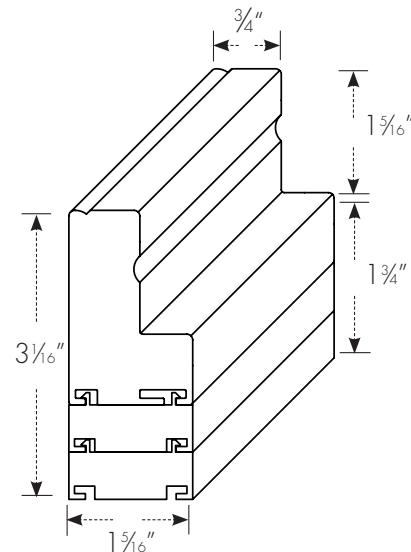
L-Frame with 1/2" extension added

Used for outside mount installations with the 2 1/2" louver. Usually used when the frame is installed beside the trim or to clear any obstructions. Additional extensions may be requested.



L-Frame with two 1/2" extensions added

Used for outside mount installations with the 3 1/2" louver. Usually used when the frame is installed beside the trim or to clear any obstructions. Additional extensions may be requested.



Note: Casing Sill Frame can be used in place of L-Frame. The Casing Sill Frame is 3/8" taller, has a decorative face and accepts the L-Frame extension when additional projection is needed.

Shutters FR - L Frame

Diagram

Recessed Inside Mount with L-Frame

Depth Clearance

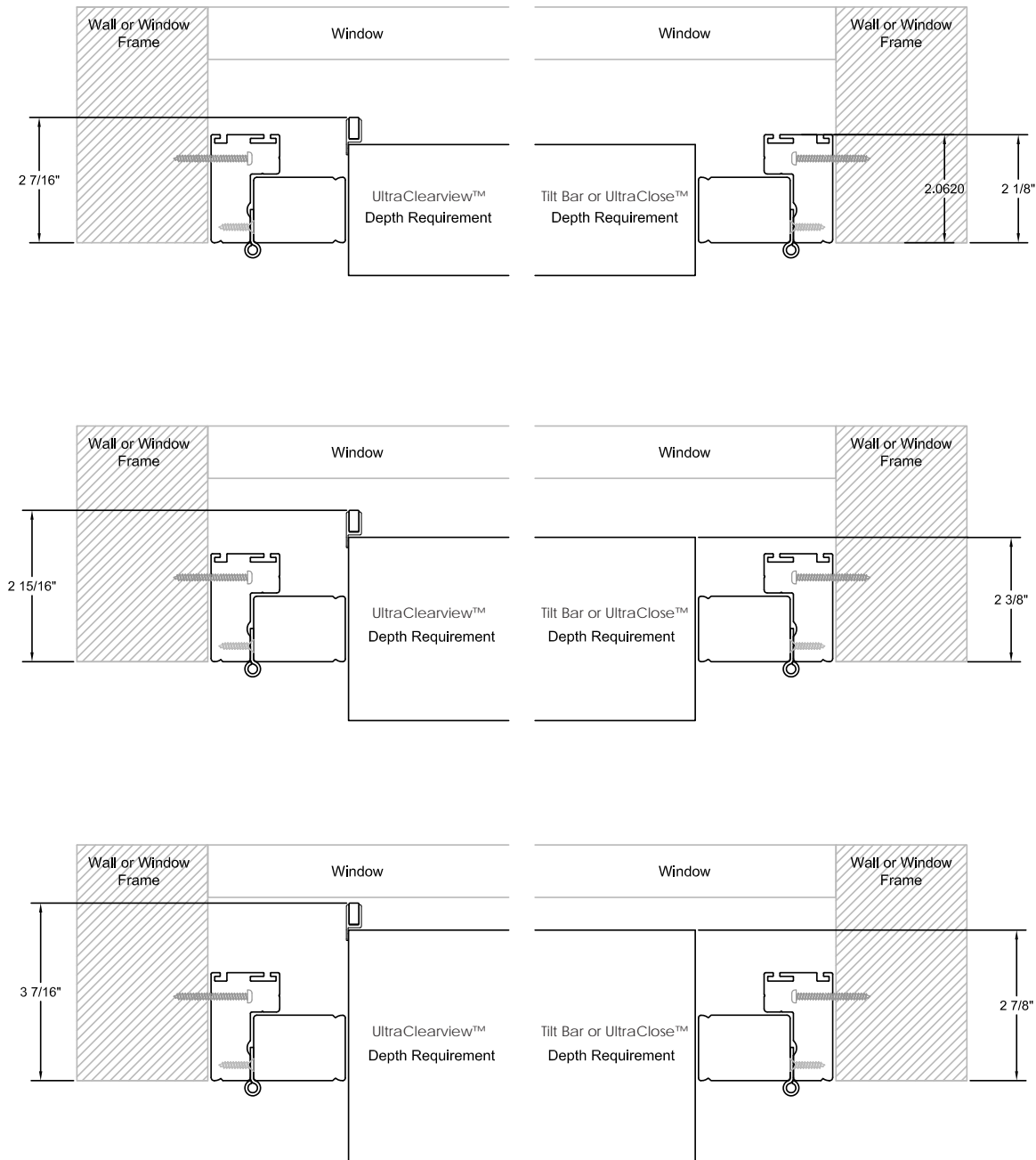
With UltraClearview™

2 1/2" Louver = 2 7/16"
 3 1/2" Louver = 2 15/16"
 4 1/2" Louver = 3 7/16"

With Tilt Bar or UltraClose™

2 1/2" Louver = 2 1/8"
 3 1/2" Louver = 2 3/8"
 4 1/2" Louver = 2 7/8"

Note: For recessed mounts the depth clearance is measured from the front of L-Frame. Only L-Frame can be used in a recessed mount application. Recessed distance can vary.



Shutters FR - L Frame

Diagram

Outside Mount with L Frame

Depth Clearance

With UltraClearview™

2 1/2" Louver = 3/8"

3 1/2" Louver = 7/8"

4 1/2" Louver = 1 3/8"

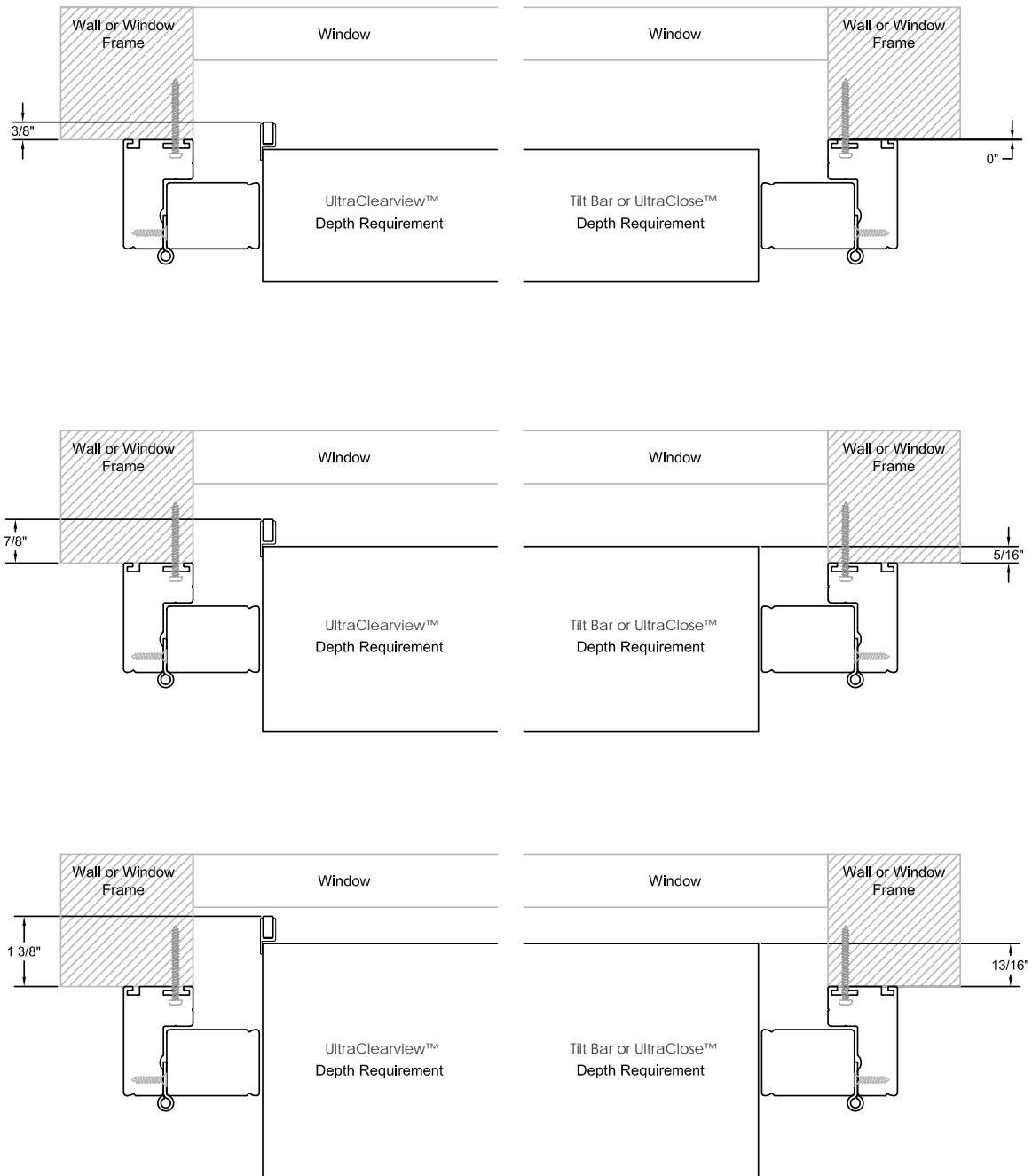
With Tilt Bar or UltraClose™

2 1/2" Louver = 0"

3 1/2" Louver = 5/16"

4 1/2" Louver = 13/16"

Note: *Depth clearance is the minimum window opening depth required for shutters to operate without interference.*

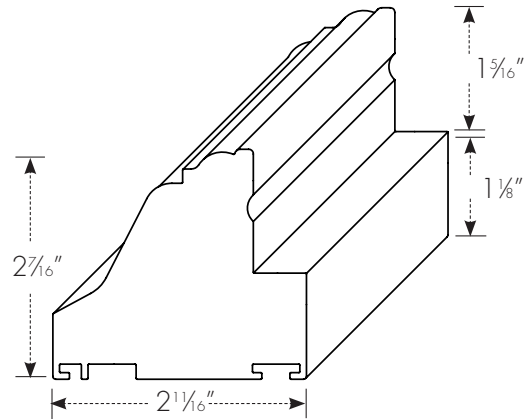


Shutters FR - Casing Frame

Diagram

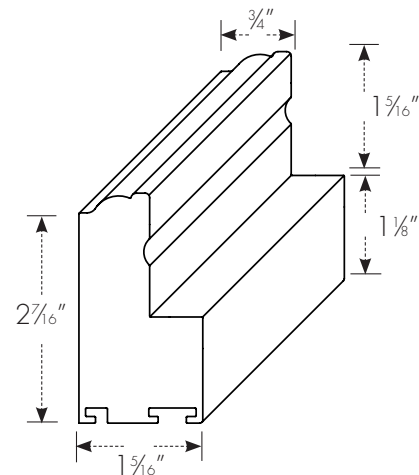
Casing Frame (C-Frame)

Used for outside mount only. Installed on the wall or directly on top of an existing trim. When installing on top of an existing trim, an optional C-Frame Cover Strip may be requested. The C-Frame Cover Strip covers the gap between the back of the frame and the front of the trim. The Cover Strip is inserted into the C-Frame. The Casing Frame Extension adds 1/2" projection to the shutter.



Casing Sill Frame

Used in conjunction with the Casing Frame in outside mount applications, the Casing Sill Frame will sit flat on a window sill. The Casing Sill Frame will be positioned at the bottom unless otherwise specified. May also be used as a stand alone frame. Use the Casing Sill as an alternative to the L Frame in both inside and outside mount applications.



Shutters FR - Casing Frame

Diagram

Recessed Inside Mount with Casing Sill Frame

Depth Clearance

With UltraClearview™

2 1/2" Louver = 2 7/16"

3 1/2" Louver = 2 15/16"

4 1/2" Louver = 3 7/16"

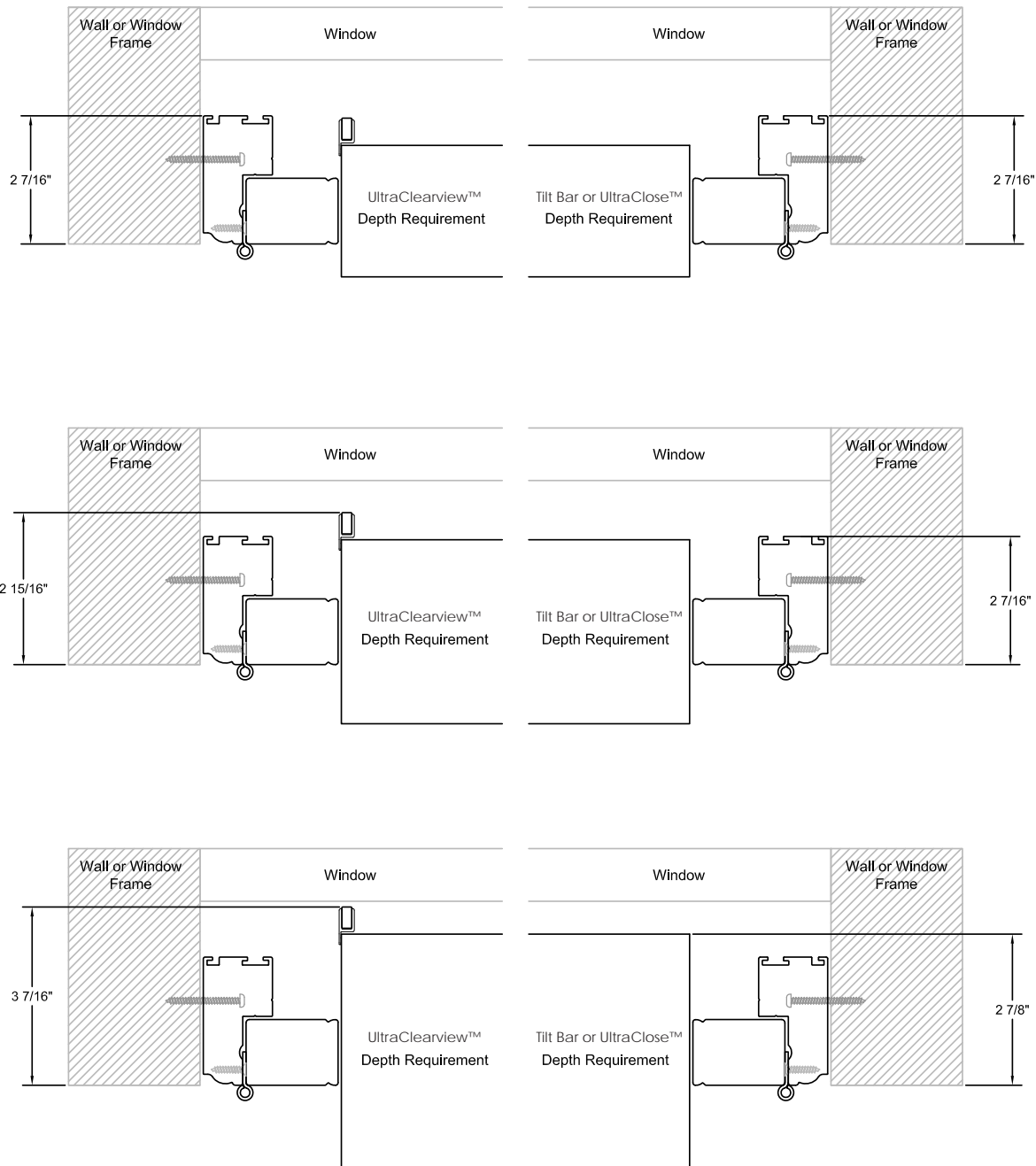
With Tilt Bar or UltraClose™

2 1/2" Louver = 2 7/16"

3 1/2" Louver = 2 7/16"

4 1/2" Louver = 2 7/8"

Note: Depth clearance is the minimum window opening depth required for shutters to operate without interference.



Shutters FR - Casing Frame

Diagram

Outside Mount with Casing Frame

Depth Clearance

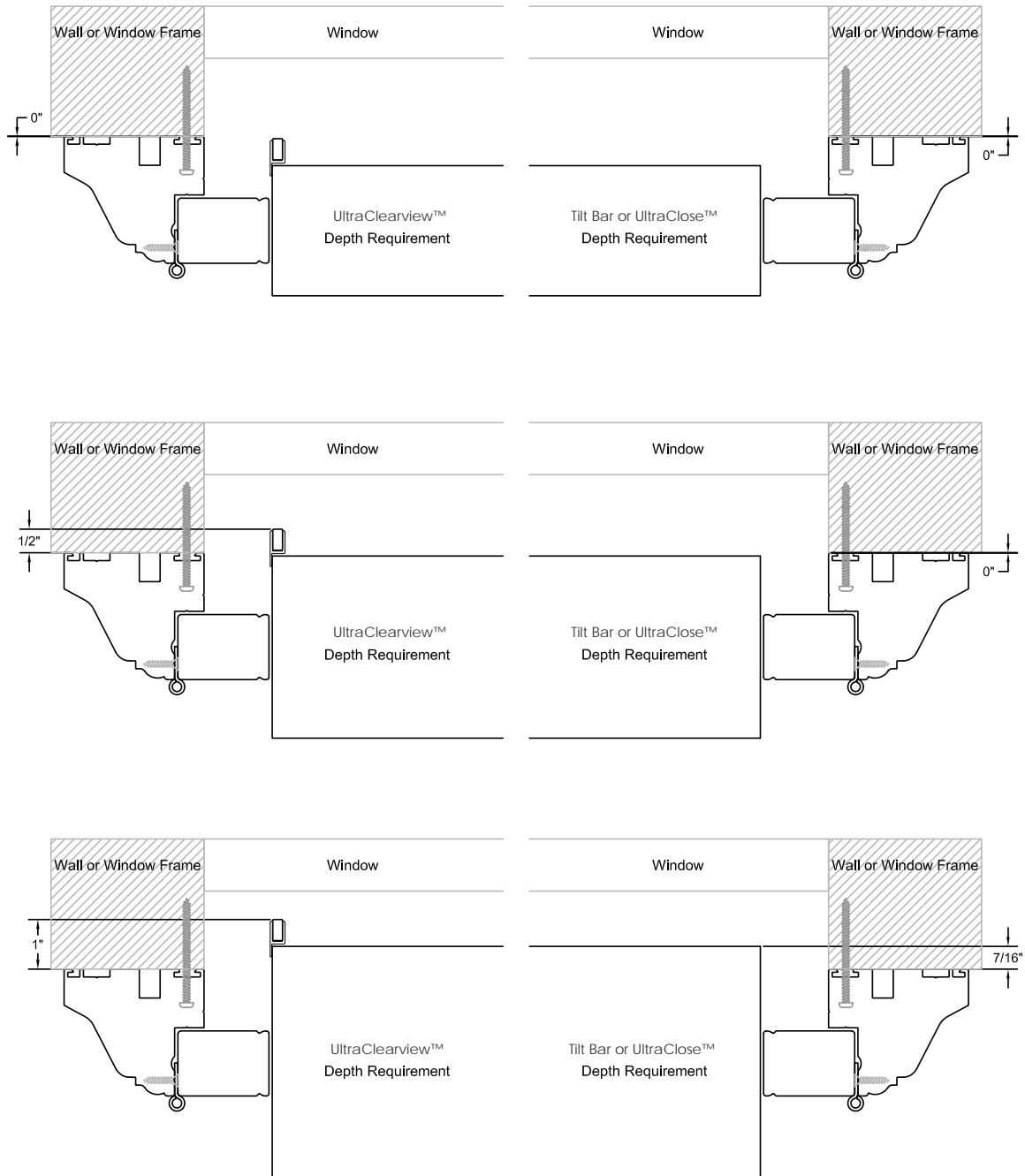
With UltraClearview™

2 1/2" Louver = 0"
 3 1/2" Louver = 1/2"
 4 1/2" Louver = 1"

With Tilt Bar or UltraClose™

2 1/2" Louver = 0"
 3 1/2" Louver = 0"
 4 1/2" Louver = 7/16"

Note: *Depth clearance is the minimum window opening depth required for shutters to operate without interference.*

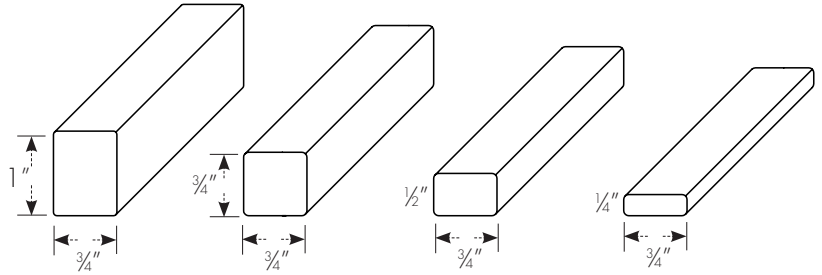


Shutters FR - Mounting Strips and T-Post

Diagram

Mounting Strip

Used in conjunction with adjustable bent-leaf hinges for inside mounts without frames or as a light block mounted on the inside of panels which are installed without frames. It is not visible from inside the room. Unless requested otherwise, 3/4" x 3/4" will be supplied.



T-Post

Used to separate and hinge multiple panels in wide openings. Usually placed directly in front of any existing window dividers. It is notched to fit into the frames, or can be installed to existing opening with L brackets.

