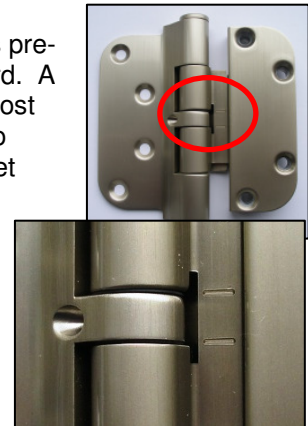


HOPPE Adjustable Hinge Installation Instructions



Two types of HOPPE Adjustable Hinges will be installed on each door panel:

- Set Hinge:** The Set Hinge provides +/- 0.12" vertical adjustment. The Set Hinge is pre-assembled at a centered position allowing for 0.12" adjustment upward or downward. A centered position is indicated by the alignment of two hash marks with the middlemost knuckle gaps when viewing the hinge in the open position as shown. There are two types of set hinges. Refer to the application diagram on Page 2 to determine the set hinge that matches your door configuration.
- Guide Hinge:** The Guide Hinges provide +/- 0.12" horizontal adjustment. Look for the visible adjusting screw on the face of the door sash leaf. This identifies the hinge as a Guide Hinge.

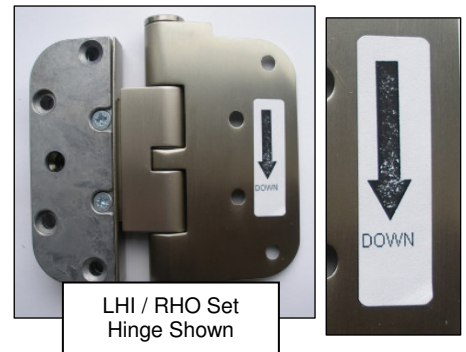


Installation

- Determine hinge locations on the frame and door panel. Recommended hinge positions are given in the table. The topmost hinge on the door panel is given in the first row.

Number of Hinges	3	4	4	5
Panel Weight	Up to 165 lbs	Up to 165 lbs	165 to 330 lbs	165 to 330 lbs
Hinge Position from Top of Panel to Bottom	GUIDE	GUIDE	GUIDE	GUIDE
	SET	GUIDE	SET	GUIDE
	GUIDE	SET	SET	SET
		GUIDE	GUIDE	SET
				GUIDE

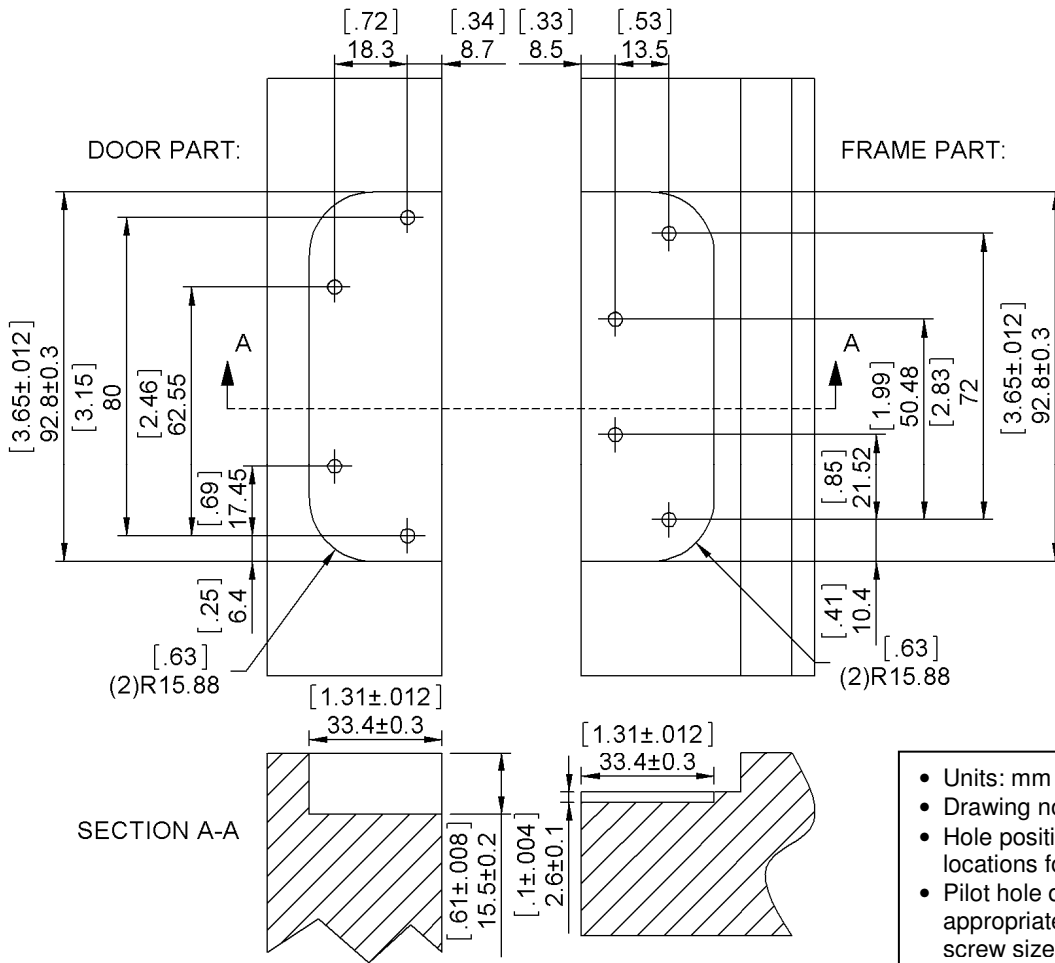
- Prepare the door panel and frame. Door preparation specifications are given on Page 2.
- Fasten hinges into the door panel. #10 ANSI wood screws that have a minimum length of 1.25" are recommended. The Set Hinge must be installed according to the installation label. The label on the frame leaf will point down to the sill when properly installed.
- On the frame, use #10 ANSI wood screws that are 5/8" to 3/4" long in three of the four screw locations. One screw on each hinge should be at least 1 1/2" long to reach the stud. This screw is typically left out and is installed after the door is positioned in the rough opening.
- Install the frame leaf of the Set Hinge into the routing on the frame and fasten securely. Do not allow the Set Hinge(s) to support the weight of the panel without installing the Guide Hinges.
- Install the frame leaf of the guide hinges into the routings on the frame and fasten securely. Leaves on the Guide Hinges will slide freely up and down for alignment with the rout.
- Do not adjust hinges prior to the final installation into the rough opening. This will affect the ability of the door installer and end user to utilize the full adjustment range of the HOPPE Adjustable Hinge.



Disassembly

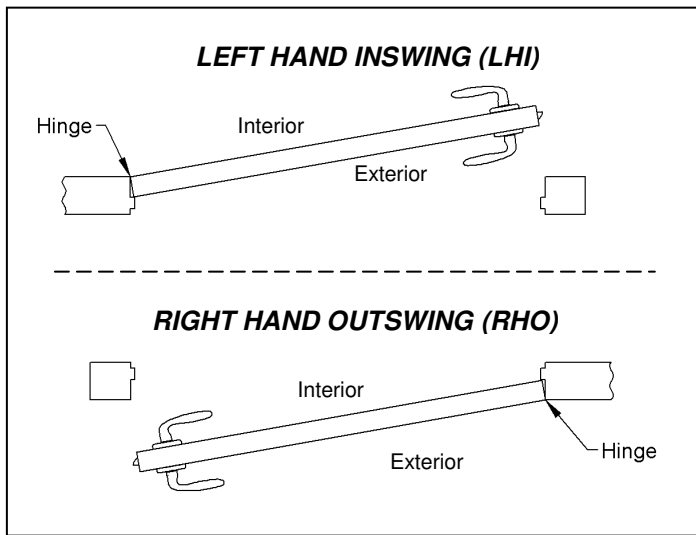
- Do not attempt to remove the hinge pin as this may cause damage.
- To disassemble the door panel from the frame, support the weight of the panel to relieve the weight from the hinges.
- Carefully remove either the frame leaf screws or door leaf screws to displace the panel.

Door Preparation Specifications

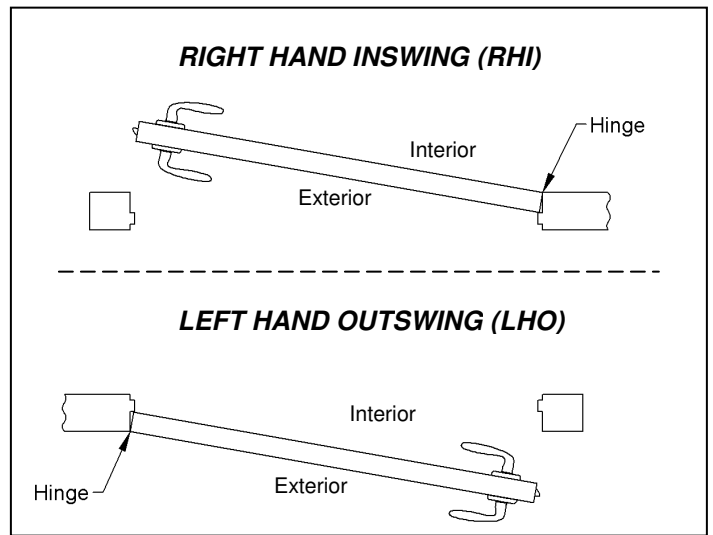


Application Diagram for Set Hinges

NOTE: The same Set Hinge is used for both left hand inswing (LHI) doors and right hand outswing (RHO) doors. These Set Hinges are designated LHI/RHO. A different Set Hinge is used for both left hand outswing doors and right hand inswing doors. These are designated LHO/RHI.



Use LHI/RHO Set Hinges for these doors



Use LHO/RHI Set Hinges for these doors