

INSTALLATION INSTRUCTIONS

Half Mortise Pin and Barrel Continuous Hinge

SL306



PRODUCT MUST BE INSTALLED ACCORDING TO ALL APPLICABLE BUILDING AND LIFE SAFETY CODES

All holes in door and frame must be drilled correctly and fasteners properly installed. Failure to use fasteners supplied by Select Products Limited will void UL or WHI fire rated listing.

Important Warranty Information:

The following actions will void any warranty, expressed or implied:

- Failure to install the hinge according to the manufacturer's specifications and requirements. (for more information, visit selecthingerequirements.com)
- Use of fasteners other than those supplied with the hinge.
- Unauthorized field modifications, including alteration of the original finish or painting the hinge.

Do Not install Snap-On Cover until installation is 100% complete, and all aspects of the assembly are correctly fastened and properly fitted. The cover is impossible to remove without damage and replacement may be necessary.

Perform each step of the following instructions:

1. Door Preparation and Mounting

- Place the hinge on the door as shown (Fig. 1). Carefully line up the hinge with the top and back edges of the door.
- Mark all hole locations on the door with the hinge held firmly in place.
- Center punch each hole. The use of the center punch can help center the hole so that the fasteners will enter straight.
- Attach the hinge to the door using the 1/4-20 x 3/4" Torx Pan Head Self-Drilling Screws.

2. Frame Preparation and Mounting

- Place the door into the frame. Place shims under the door to provide 1/8" clearance between the header and the top of the door. Add shims at both the hinge and latch side of the door so that 1/8" clearance will be maintained.

Note: 1-5/8" min of frame face is required for mounting this hinge.

- Fold the frame leaf over the face of the frame, mark the position of the top and bottom holes with a center punch, then drill and fasten with the #12-24 x 11/16" Flat Head Undercut Self-Drilling Screws.
- After the top and bottom screws are installed, drill and fasten the balance of the holes.
- Install at least five cover clips by passing a screw through the clip, hinge leaf and frame (Fig. 2).

It is recommended that clips be positioned in the top, center and bottom holes, with the remaining clips spaced equally along the length of the hinge

- Close the door and check for proper fit, make this adjustment by loosening screws on the door leaf and shimming where needed.

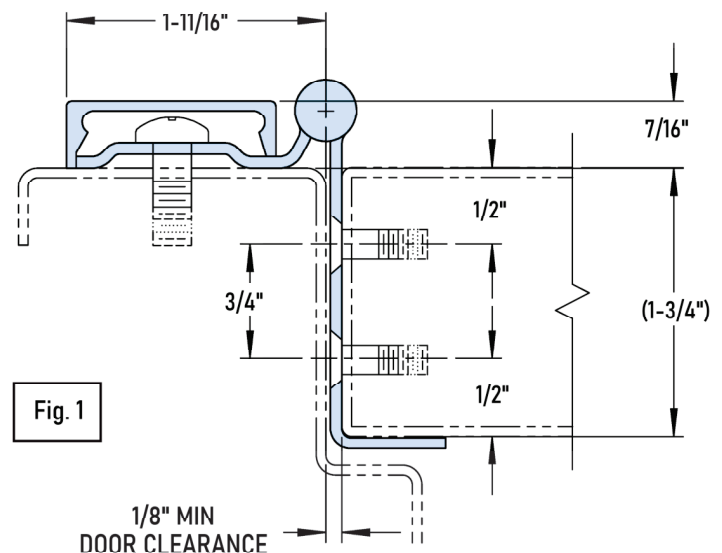
- When installation is complete, install the Snap-On cover.

- Engage the side of the cover next to the hinge pin first.

- Insert a large screwdriver between the hinge knuckle and the cover. Using the screwdriver as a lever, twist it and snap the opposite side of the cover onto the clip.

- Start at the top and work downward until the entire length of the cover is engaged.

- With the covers firmly in place, secure them at both ends through the hinge and into the door and frame with #8 x 3/4" Flat Head Undercut Self-Drilling Screws.



1/8" MIN
DOOR CLEARANCE

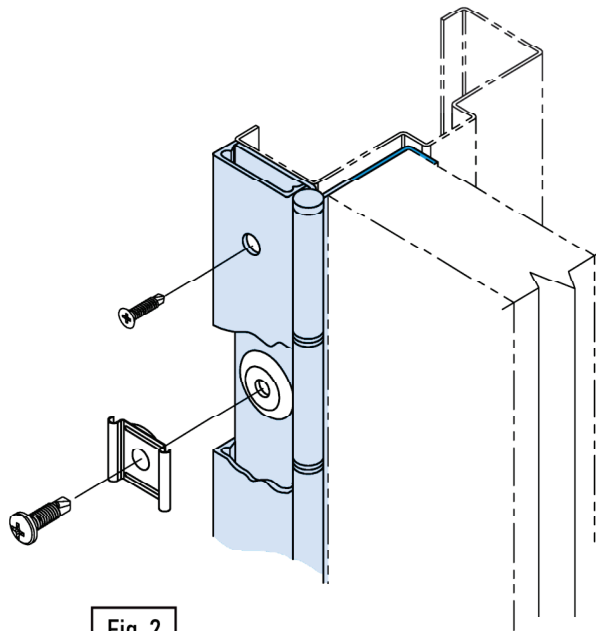


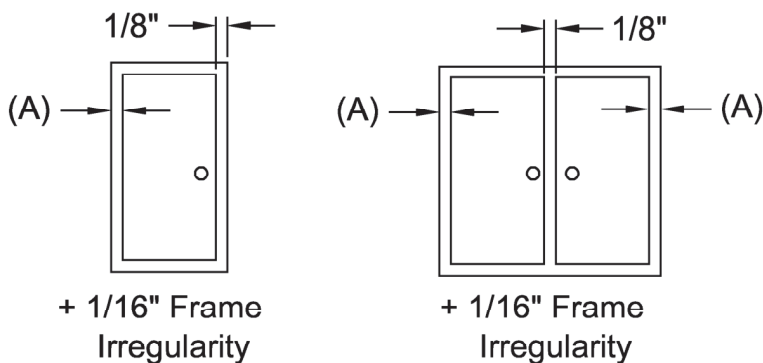
Fig. 2










Model SL306

Standard "Non-Adjustable" application clearances

Total Under-Sizing Required

Clearance (A)	Single Door	Pair of Doors
1/8"	5/16"	7/16"



STANDARD HARDWARE	
	
1/4-20 X 3/4" TORX PAN HEAD SELF-DRILLING SCREW (TKS14075R)	
	
#12-24 X 11/16" FLAT HEAD UNDERCUT SELF-DRILLING SCREW (TKS1267SP10SS)	
	
#8 X 3/4" FLAT HEAD UNDERCUT SELF-DRILLING SCREW (TKS8075Z)	
	
COVER CLIP (606 M22-0130-01)	
OPTIONAL HARDWARE AVAILABLE UPON REQUEST	
	
#12-8 x 1-1/2" FLAT HEAD UNDERCUT WOOD SCREW (PBS12150SP10SS)	
SCREWPACK KMSSS AND SECURITY SCREWPACKS M91-0031MM, M91-0031WW, M91-0063-630	



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