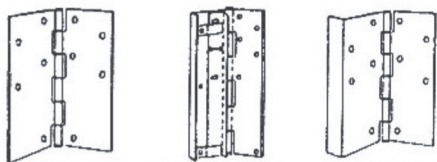


## INSTALLATION INSTRUCTIONS

### PACKAGE INCLUDES

- 1 Hinge



- #10 x 1/2" self drilling screw for metal doors & frames.



- #10 x 1" wood screw for wood doors



number of screws for  
7' hinge 8' hinge 10' hinge

42    46    54

21    23    27

### TOOLS NEEDED

- 12' tape measure



- #2 pt. Phillips head screw driver bit



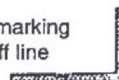
- 3/8" power drill or screw gun



- Marking pen



- Square for marking hinge cut off line



- Center punch



- Metal cutting saw (if hinge must be cut to fit door or frame)



- Angled block or similar device for holding door in position.



- Hammer



- Flat file

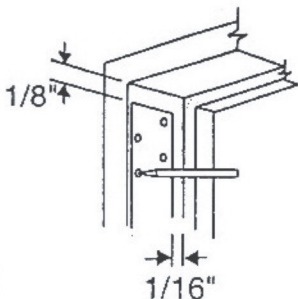


NOTE: Before proceeding, check to be sure that hinge is proper size. Height of hinge should be 7/8 inch LESS than opening height.

See other side of page for cutting instructions.

### STEP 1-Mark Frame Hole Locations

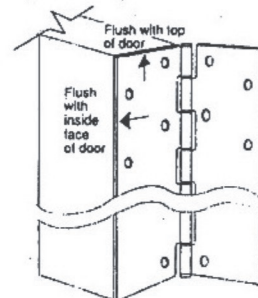
- Determine TOP of hinge using door and frame as a guide.
- Open hinge and place frame leaf flat against surface of frame leaving 1/8 inch gap between top of hinge and frame header, and 1/16 inch gap between edge of hinge and stop.
- Mark hole locations on frame using center punch. A center punch mark is required to start self drilling screws accurately.



DO NOT INSTALL HINGE TO FRAME AT THIS TIME!

### STEP 2- Mount Hinge to Door

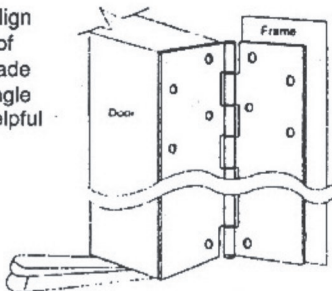
- Place door leaf of hinge against hinge edge of door so that top of hinge is flush with top of door and edge of hinge leaf is flush with inside face of door - if applicable door edge guards must lay flat against face of door.
- With hinge held firmly in place use #10 x 1/2 inch self drilling screws to fasten leaf to metal door, or #10 x 1 inch wood screws to fasten leaf to wood door. NOTE: Fasten top-most screw first, and bottom-most screw second, making sure that hinge is aligned correctly.



ALL HOLE LOCATIONS ON HINGE LEAF MUST BE FASTENED TO DOOR FOR PROPER OPERATION. FAILURE TO INSTALL ALL FASTENERS WILL VOID WARRANTY AND UL FIRE LABEL LISTINGS

### STEP 3-Mount Door to Frame

- Move door into opening and align mounting holes in frame leaf of hinge with marks on frame made in step 1 above. NOTE: an angle block, jack or shims will be helpful in positioning door properly.
- With hinge and door held firmly and accurately in place, use #10 x 1/2 inch self drilling screws to fasten frame leaf of hinge to frame in marked locations.



ALL HOLE LOCATIONS ON HINGE LEAF MUST BE FASTENED TO FRAME FOR PROPER OPERATION. FAILURE TO INSTALL ALL FASTENERS WILL VOID WARRANTY AND UL FIRE LABEL LISTINGS

### STEP 4-Check for Proper Operation

- Close door and check for proper operation and clearances. There should be 1/8 inch clearance between the top of the door and bottom of the frame header, and 1/8 inch clearance between the frame and edge of the door when door is closed. Adjustments can be made by shimming frame or door leaf of hinge.

