47981500

75 Series

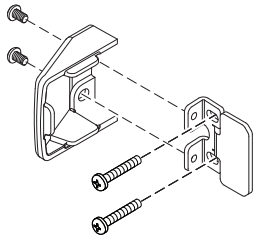
VON DUPRIN

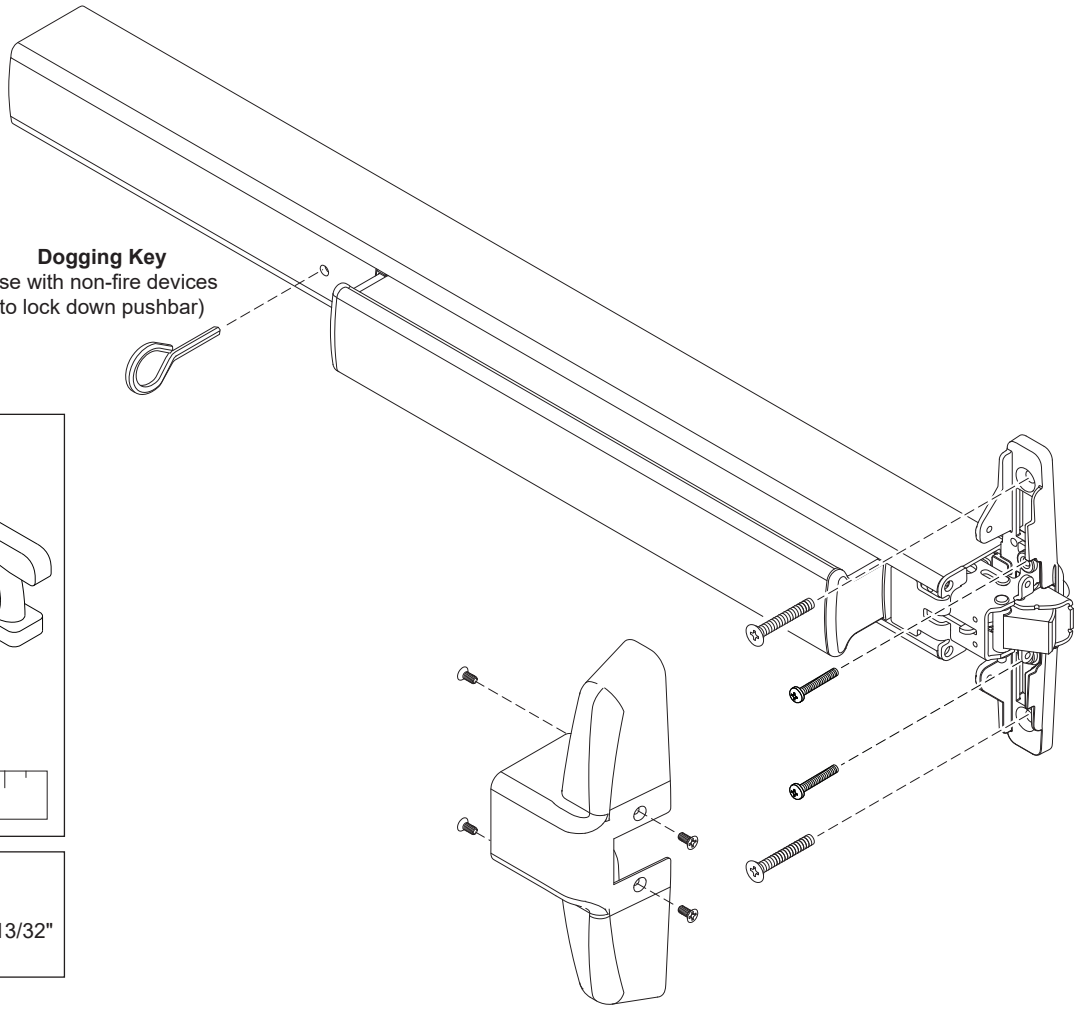
Rim Exit Device

Installation Instructions

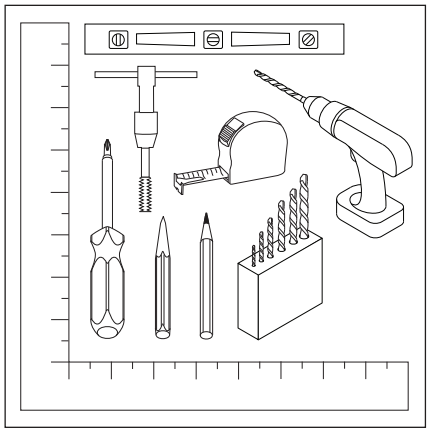
Devices covered by these instructions:

75 Rim Exit Device
75-F Rim Exit Device
CD75 Rim Exit Device
QEL75/-F Rim Exit Device





Dogging Key
(use with non-fire devices
to lock down pushbar)



Special tools needed:
#10-24 and 1/4"-20 tap
Drill bits: #7, #25, 1/8", 1/4", 5/16", 13/32"
1/2"

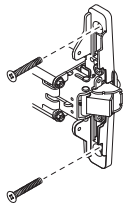
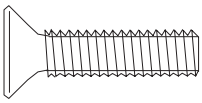
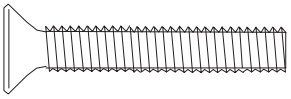
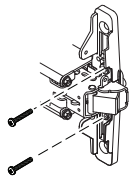
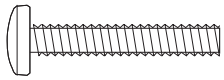
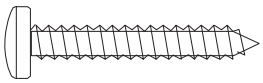
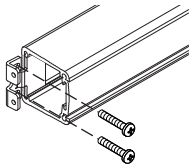
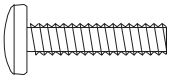
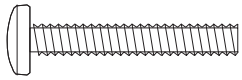
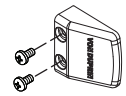
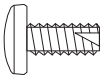
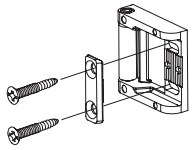
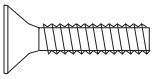
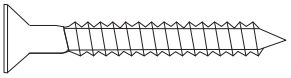
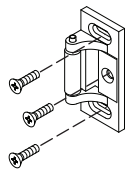
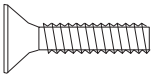
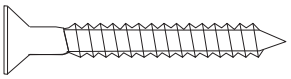
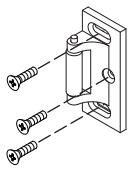
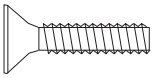
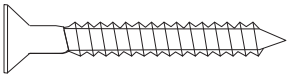
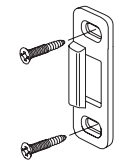
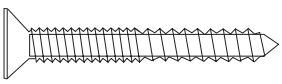
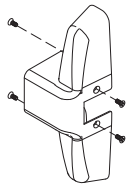
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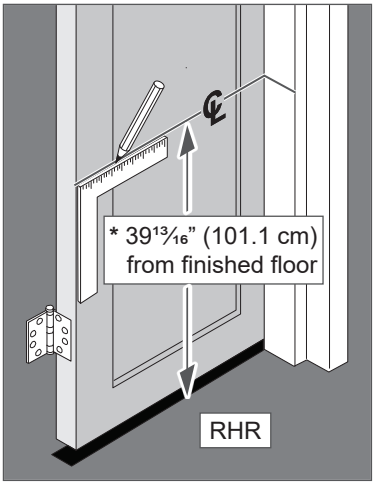
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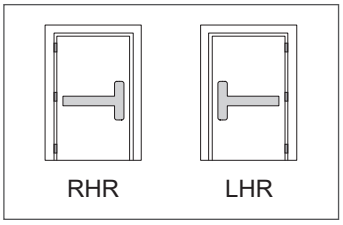
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SCREW CHART

Device Subassembly		Screw		Application
A			¼-20 x1” (25 mm)	Trim mount or sex bolts: 1¾” (44 mm) door
			¼-20 x 1-½” (38 mm)	2¼” (57 mm) door
B			#10-24 x 1” (25 mm)	Metal door surface mount (Yellow)
			#10 x 1¼” (32 mm) Wood screw	Wood door surface mount
C			#10-24 x ¾” (19 mm)	Surface mount or Sex bolts 1¾” (44 mm) door
			#10-24 x 1⅛” (29 mm)	Sex bolts, 2¼” (57 mm) door
D			#10-16 x ⅜” (10 mm) Thread cutting	End cap
E			#10-24 x ¾” (19 mm)	Metal frame
			#10 x 1½” (38 mm) Wood screw	Wood frame
F			#10-24 x ¾” (19 mm)	Metal frame
			#10 x 1½” (38 mm) Wood screw	Wood frame
G			#10-24 x ¾” (19 mm)	Metal frame
			#10 x 1½” (38 mm) Wood screw	Wood frame
H			#10-12 x 10-24 x 1¼” (32 mm) combination	Metal or wood frame
I			#8-18 x ⅜” (10 mm) Thread cutting	Center case cover
			#8-32 x ⅜” (10 mm) Machine thread	Center case cover (75-F devices only)

1 Draw horizontal device and strike center lines (℄).

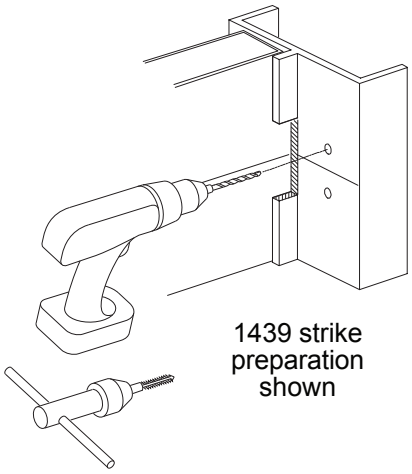




* For double doors with a mullion and strike already installed, use existing strike center line.

2 Prepare frame for strike using paper templates.

ⓘ **See pages 9 and 10 for strike templates and frame preparation dimensions.**



1439 strike preparation shown

Metal	#25	#10-24

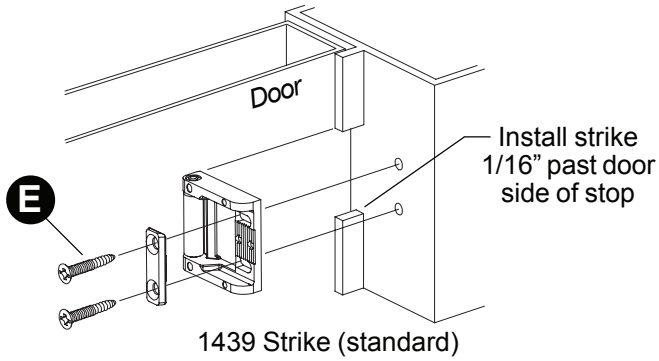
OR

Wood	⅛" (3 mm) x 1" (25 mm) deep

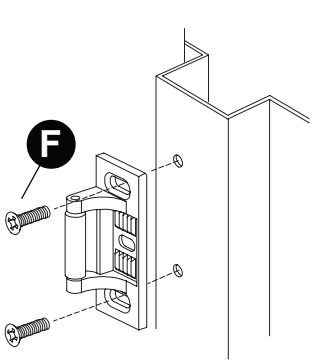
ⓘ **See "Screw Chart" on previous page for screw types and sizes.**

3 Install strike using two screws only at this time.

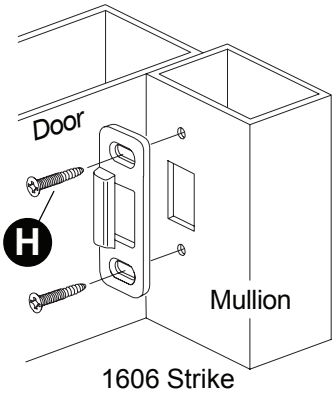
Panic Device



1439 Strike (standard)

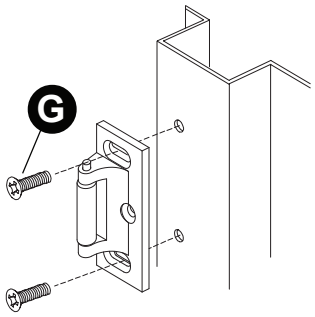


299 Strike



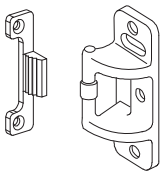
1606 Strike

Fire Rated Device



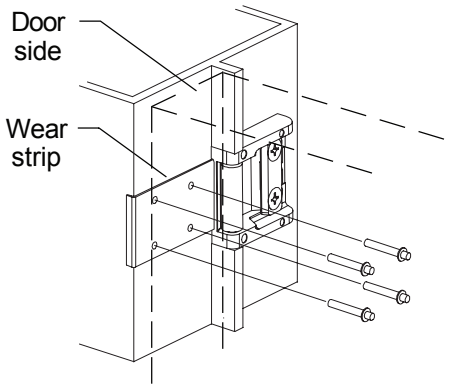
299F Strike

ⓘ **For 499F strike installation, see page 7.**



499F Strike

4 If using a 1439 strike, install wear strip. If not, go to step 5.

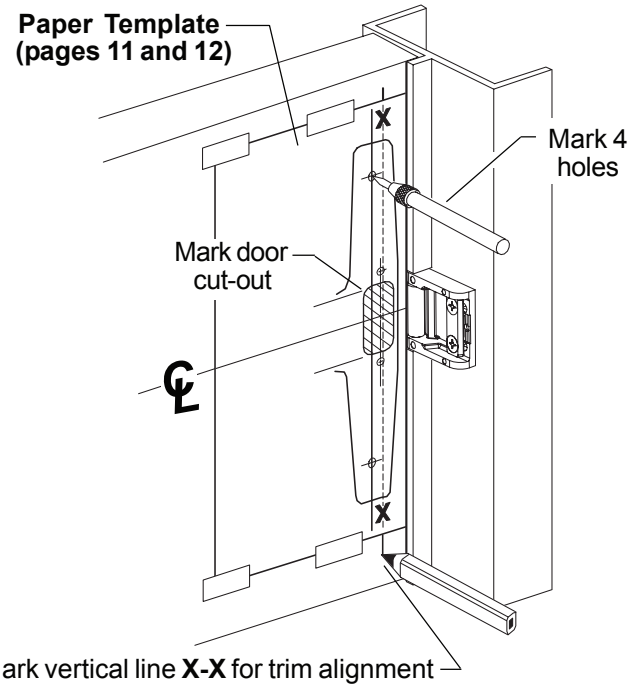


A. Center wear strip on strike as shown.

B. Mark and drill 1/8” dia. holes (4 places).

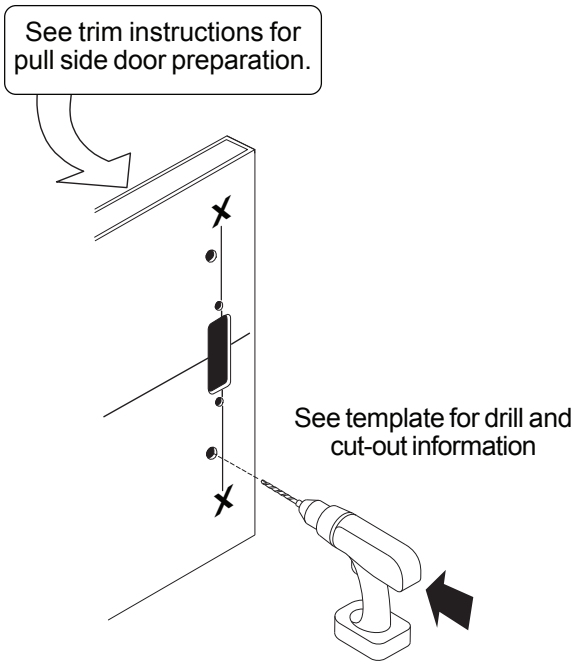
C. Install wear strip with flat head drive rivets (4 places) from 1439 strike package.

5 Tape template to door and mark door.

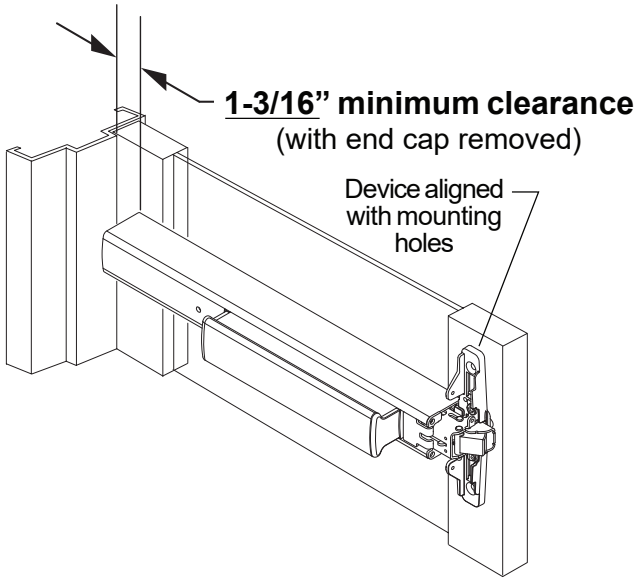


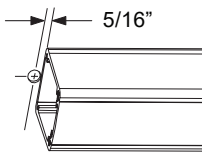
Note: Line X-X is a reference line on the paper template used for trim and exit device alignment. Line X-X shown here should correspond to line X-X in the trim installation instructions

6 Prepare lock side of door for device and trim.



7 Measure to determine length to cut device.



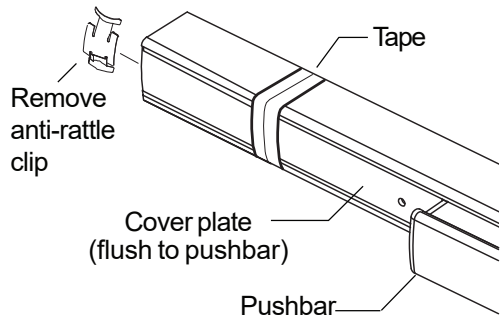


Note

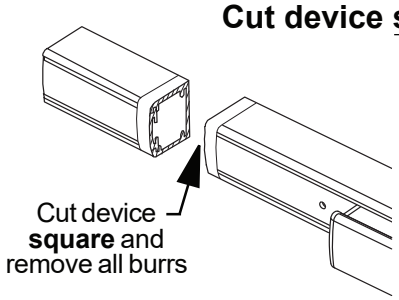
If 5/8” diameter wire access hole has been predrilled in door, cut device 5/16” from center of hole.

8 If necessary, cut device.

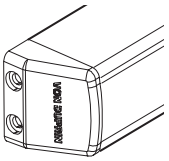
Prepare device for cutting



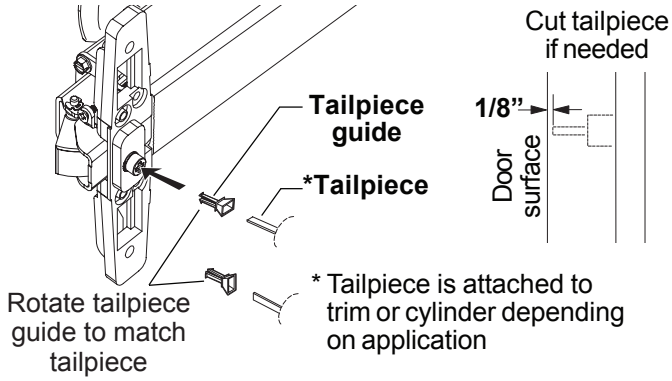
Cut device square



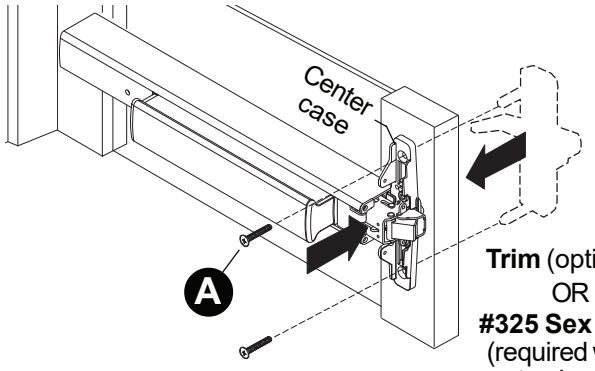
Note: Device must be cut **square** for proper end cap fit



9 If using a cylinder with a tailpiece, prepare device and cylinder.



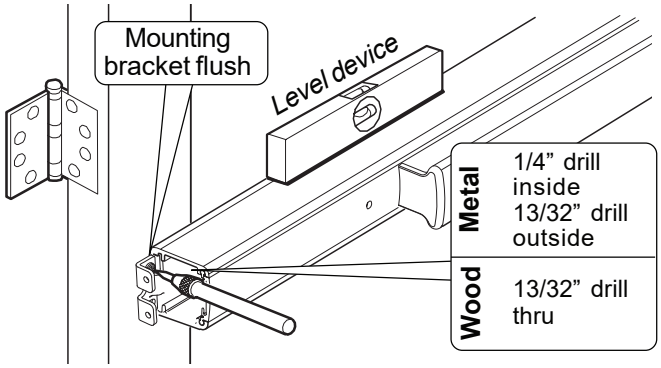
10 Attach center case to door.



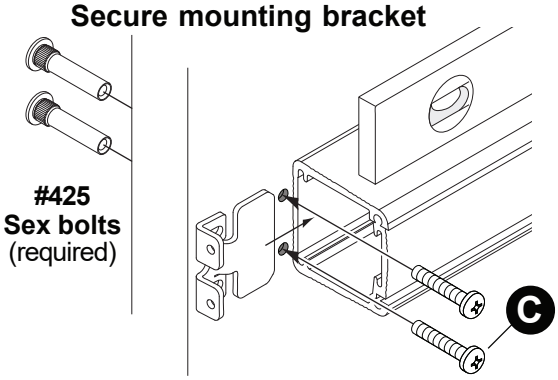
Trim (optional)
OR
#325 Sex bolts (required when not using trim)

11 Install hinge stile mounting bracket.

Mark and prepare 2 mounting holes



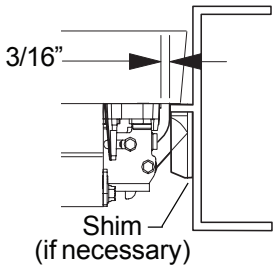
Secure mounting bracket



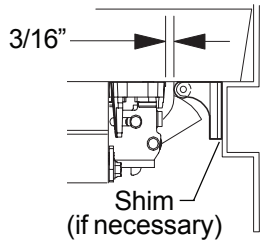
12 Adjust strike as needed.

Shim strike for 3/16" clearance to chassis

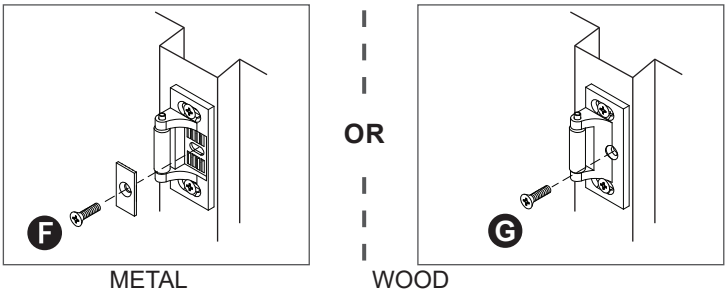
1409 Strike



299/299F/1606 Strike

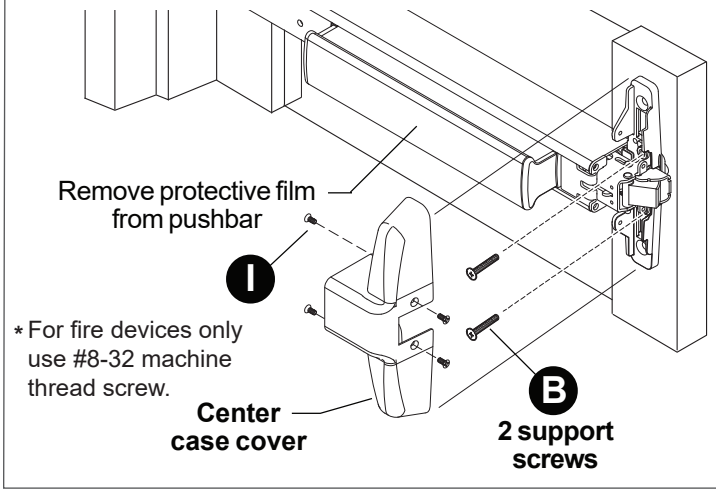


13 Install strike support screw.

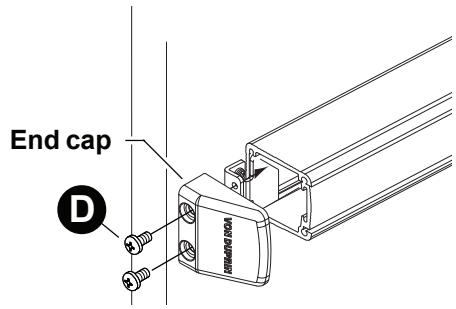


METAL	WOOD
#25	⅛" (3 mm) x 1" (25 mm) Deep
#10-24	

14 Install 2 support screws and center case cover

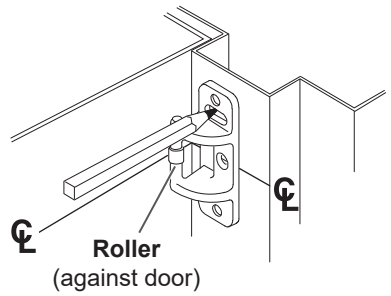


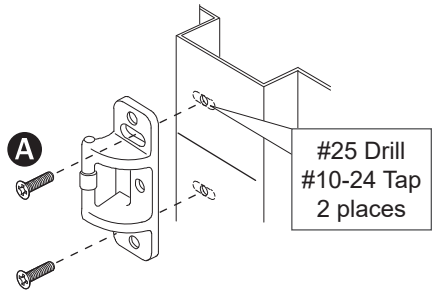
15 Install 2 support screws and center case cover



499F STRIKE INSTALLATION

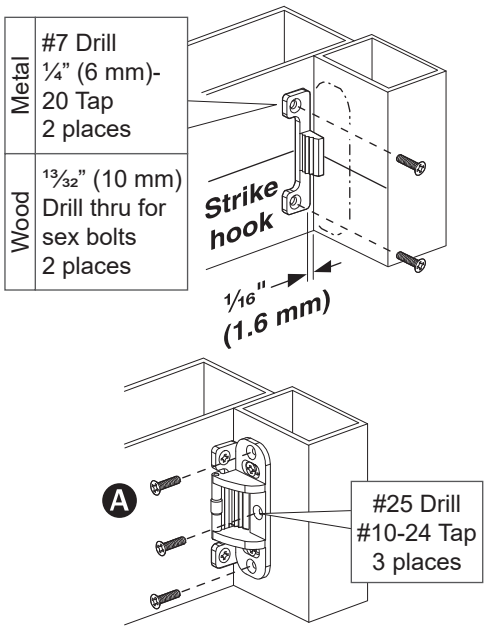
1. Prepare and install screws through two strike slots.



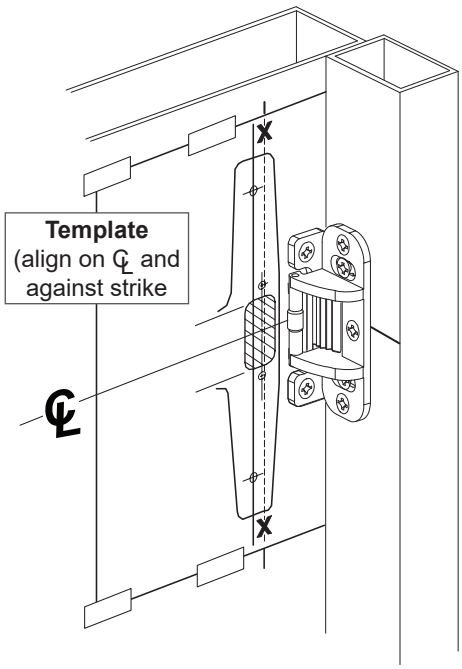


ⓘ **If using a mullion, holes may be predrilled**

2. Install strike hook and additional strike screws.

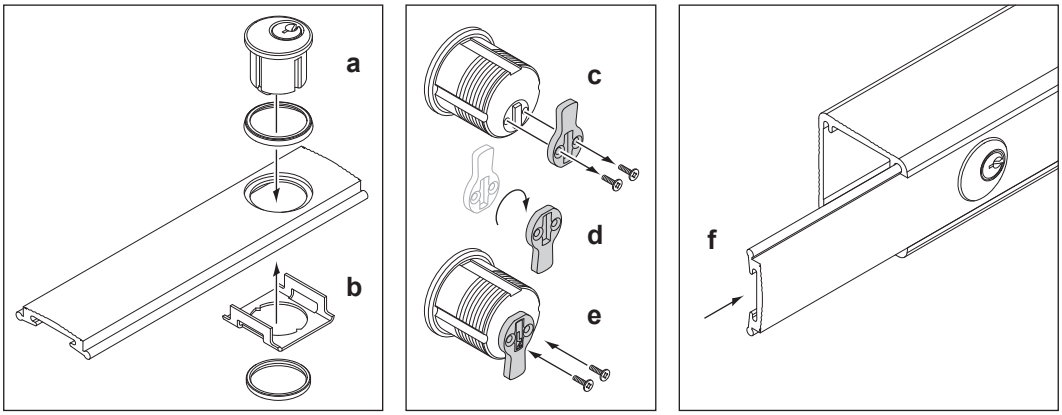


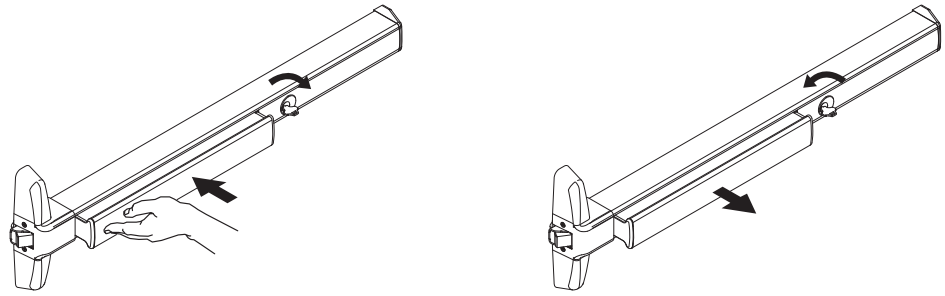
3. Template aligns as shown.



OPTIONAL EQUIPMENT

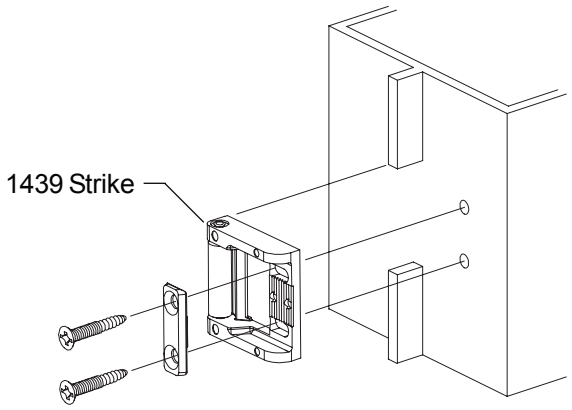
CD (Cylinder Dogging) Option



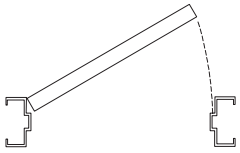


Dog

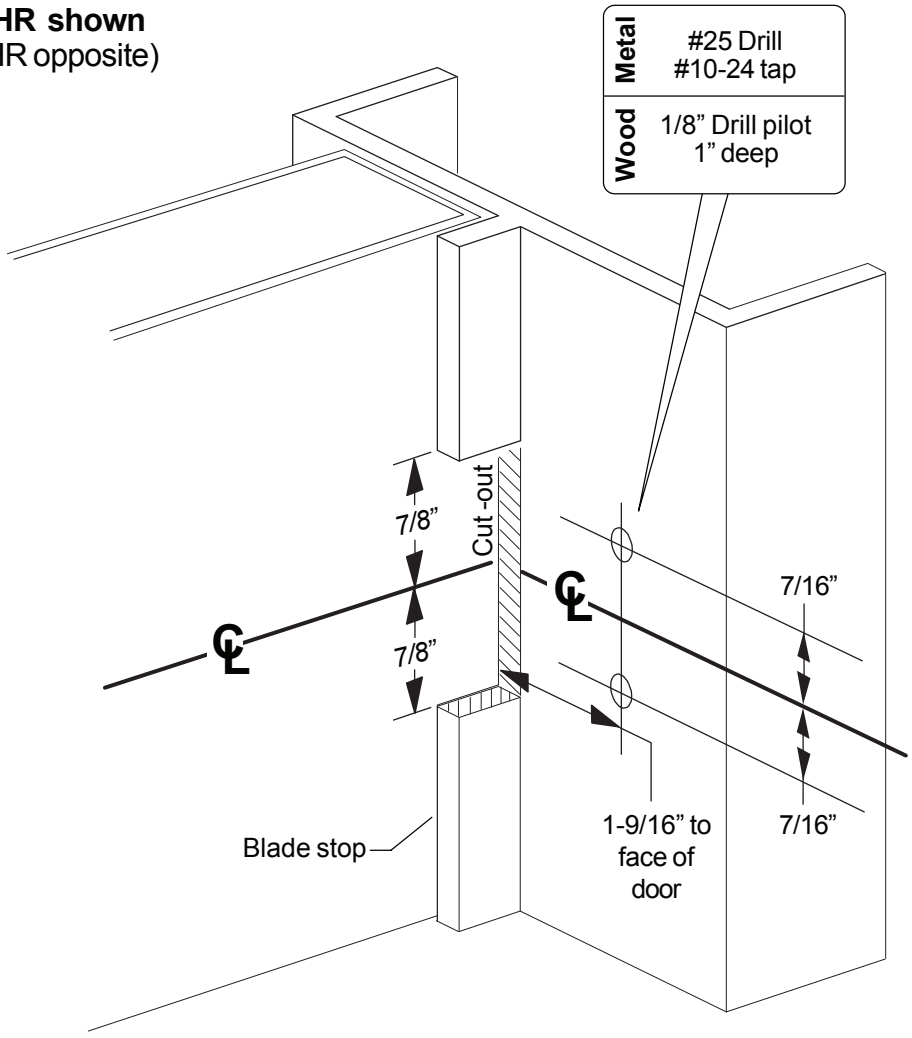
Undog



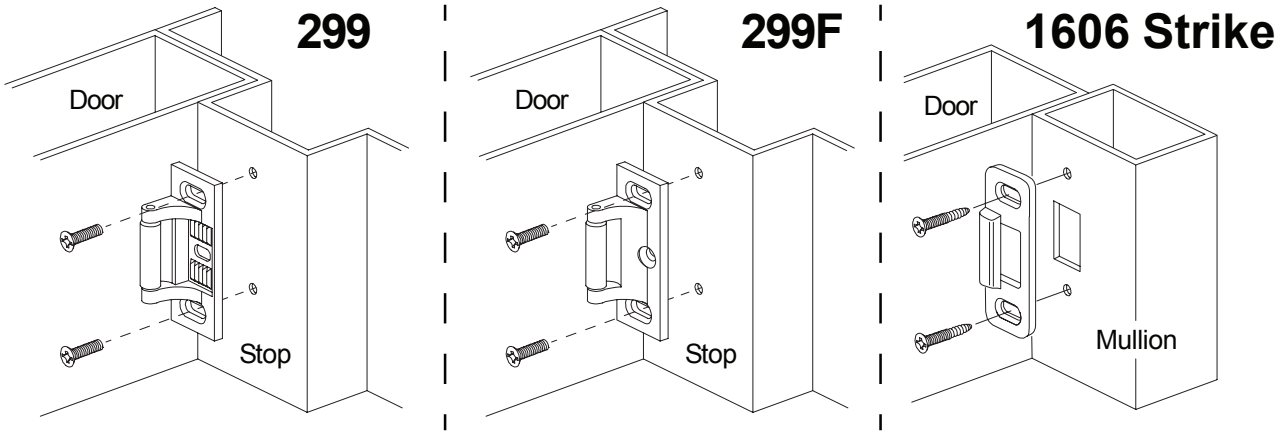
1439 Strike
Frame Preparation

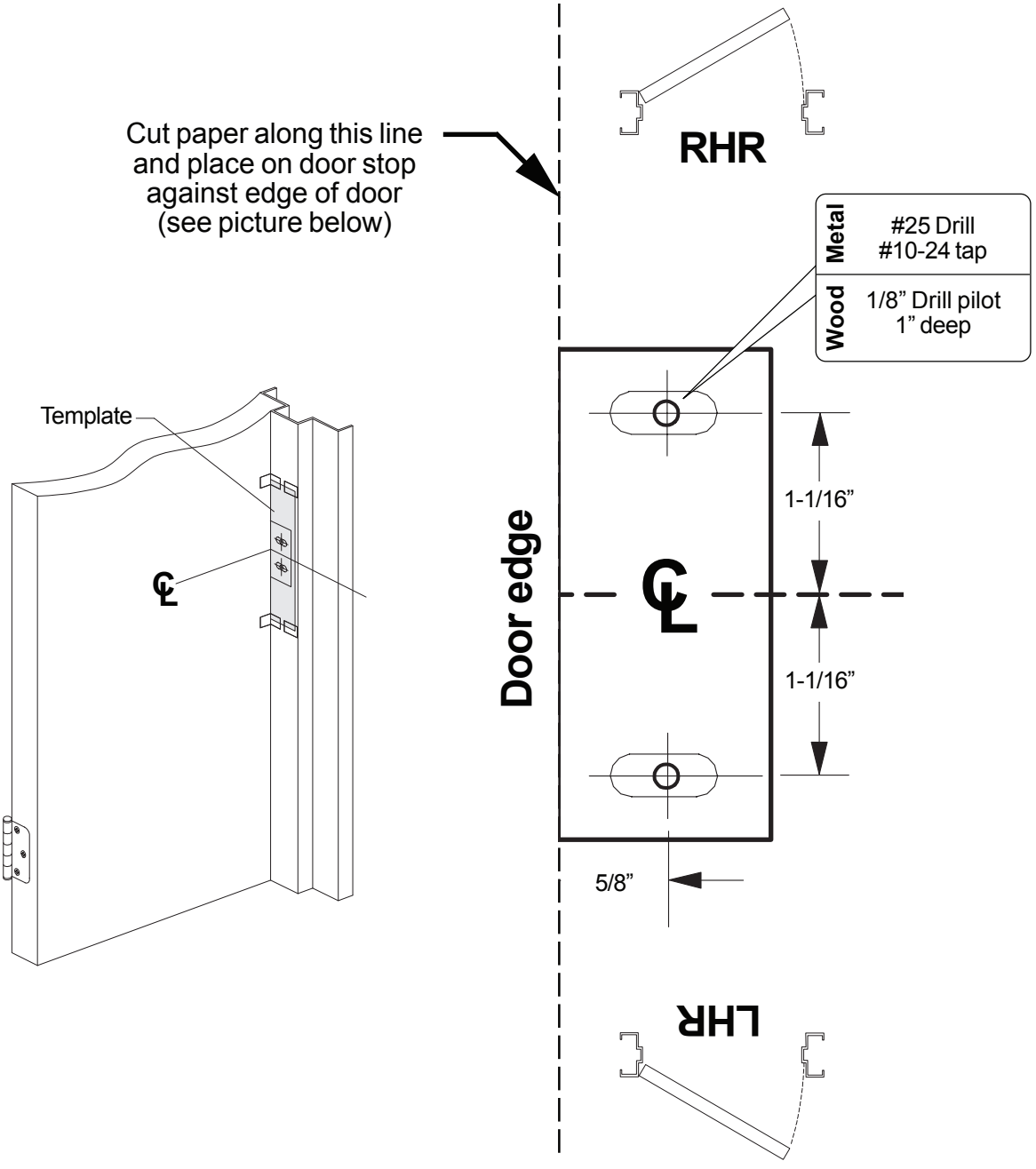


RHR shown
(LHR opposite)

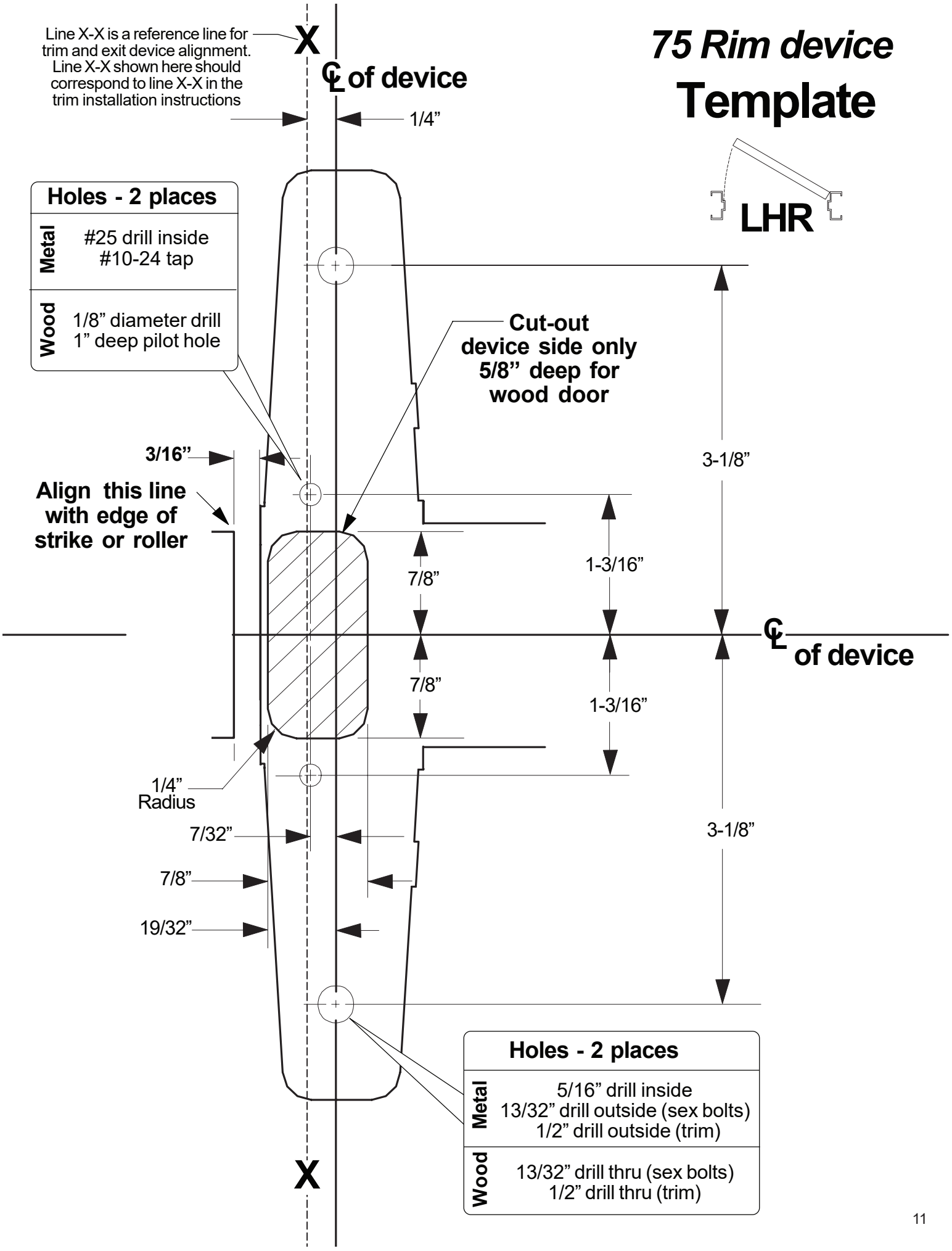


299/299F/1606 Strike
Template

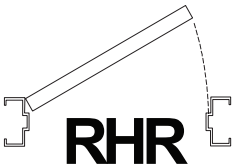




75 Rim device Template



75 Rim device
Template



RHR

X

Line X-X is a reference line for trim and exit device alignment. Line X-X shown here should correspond to line X-X in the trim installation instructions

Device ℄

1/4”

Holes - 2 places	
Metal	#25 drill inside #10-24 tap
Wood	1/8” diameter drill 1” deep pilot hole

Cut-out device side only 5/8” deep for wood door

3-1/8”

3/16”

Align this line with edge of strike or roller

1-3/16”

7/8”

Device ℄

7/8”

1-3/16”

1/4” Radius

3-1/8”

7/32”

7/8”

19/32”

Holes - 2 places	
Metal	5/16” drill inside 13/32” drill outside (sex bolts) 1/2” drill outside (trim)
Wood	13/32” drill thru (sex bolts) 1/2” drill thru (trim)

X