



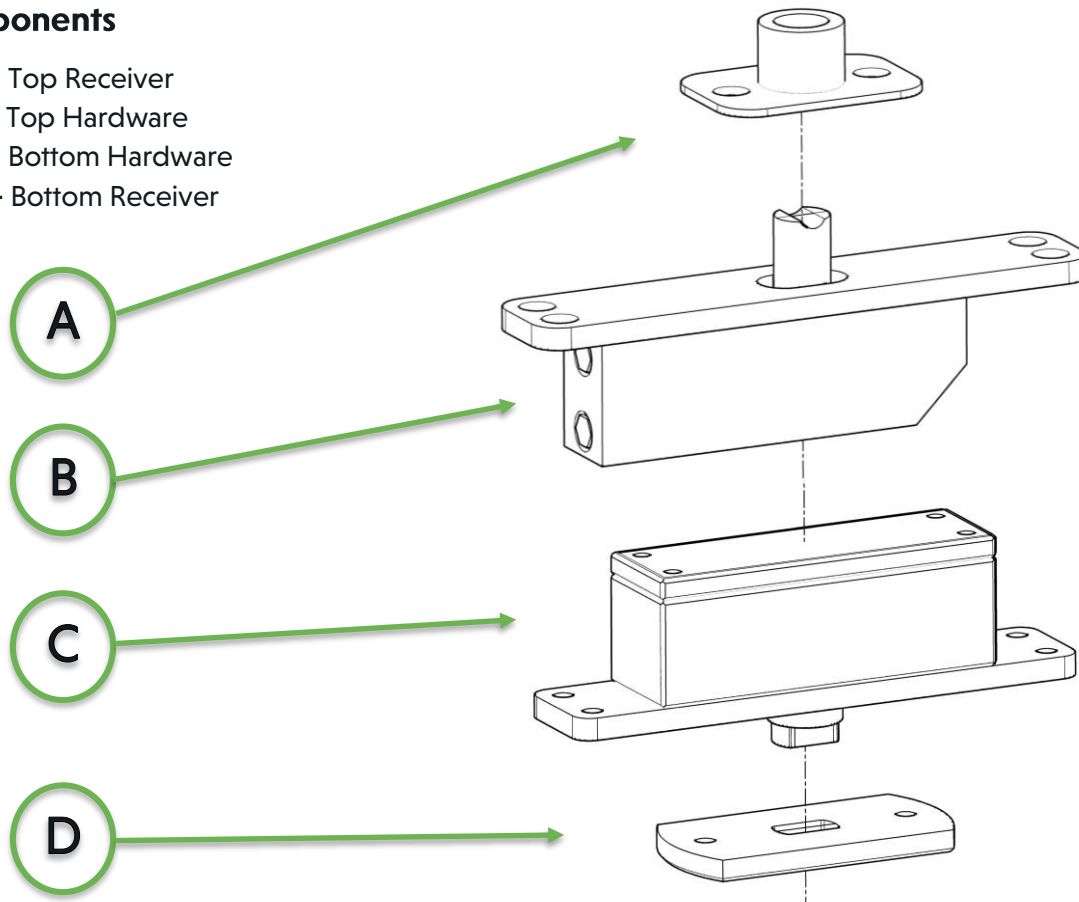
PIVOT AXIS SYSTEM

Milling and Mounting Manual

Box Contents/System overview

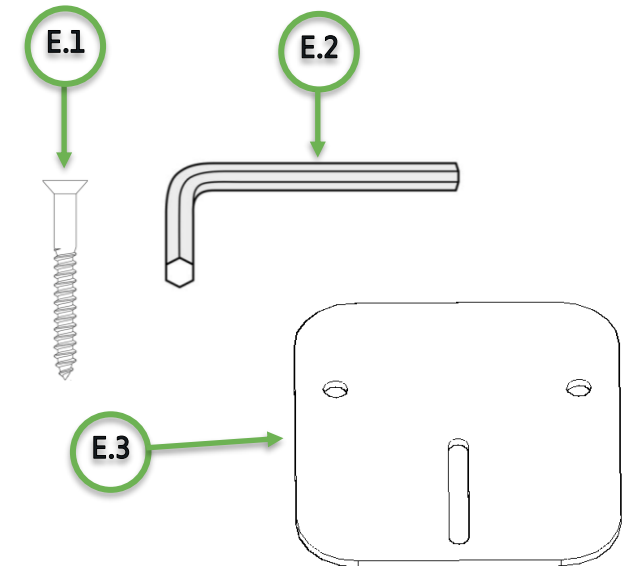
Components

- A - Top Receiver
- B - Top Hardware
- C - Bottom Hardware
- D - Bottom Receiver



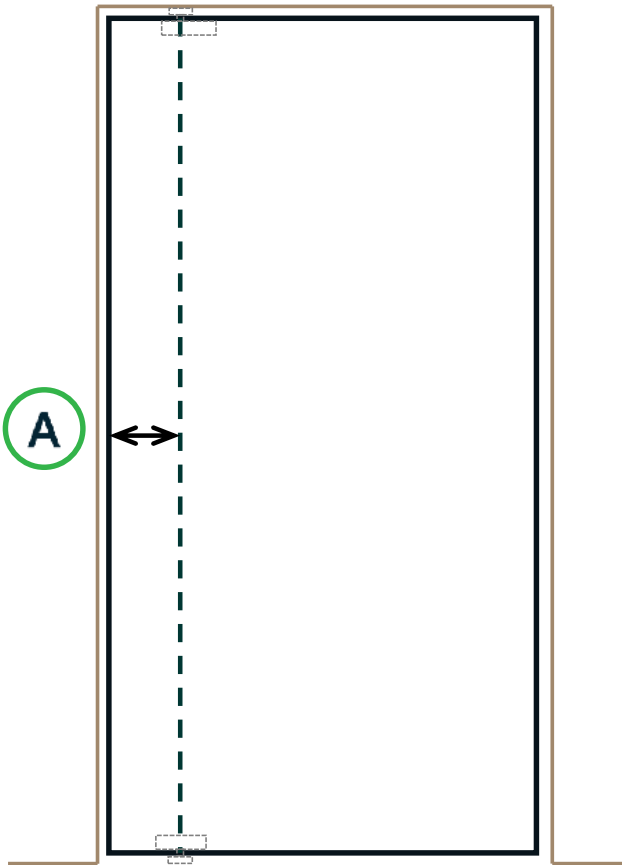
Milling and Mounting Kit

- E.1 - Screws #8 x 1.5 long
- E.2 - Allen key 5
- E.3 - Fitting template



Milling Instructions

Determine pivot axis **A**



Pivot Axis System

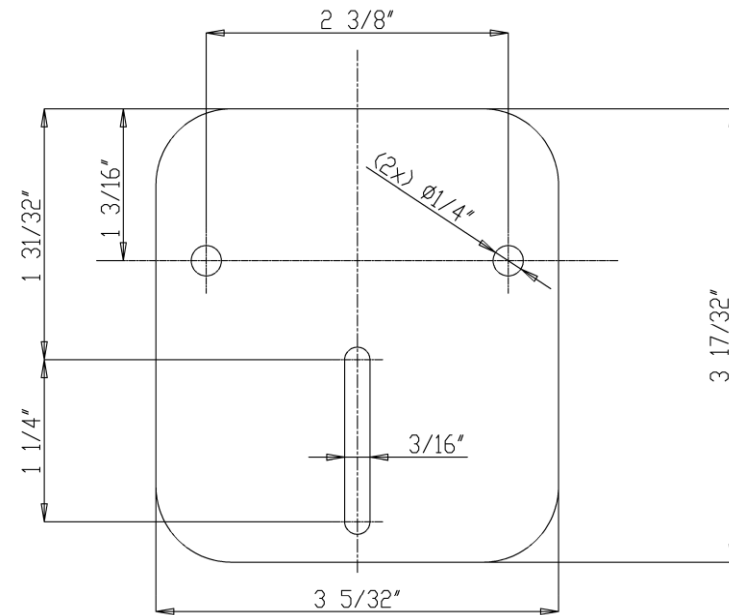
- $A = 4'' \leq A < 9''$ – page 3
- $A \geq 9''$ – page 4

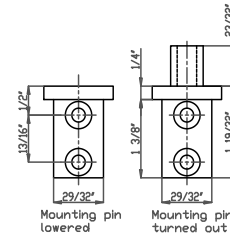
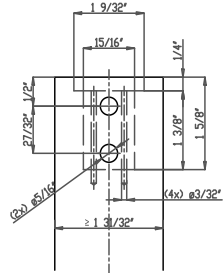
Mounting Instructions

- Side placement: → page 06
- Middle placement: → page 11

Fitting Plate

(Holes mark guide for Bottom Receiver installation)



$$4'' \leq A < 9''$$
$$4'' \leq A < 9''$$


Technical drawing of the 'K' type bracket showing three views: front, side, and top. The front view shows a bracket with a central mounting hole and two side mounting holes. The side view shows the bracket's profile with a central slot and two side slots. The top view shows the bracket's base with a central slot and two side slots. Dimensions are given in inches and fractions of an inch.

Dimensions (inches):

- Front View:
 - Overall width: 6 1/2"
 - Distance from left edge to center hole: 3 5/32"
 - Distance from center hole to right edge: 3 11/32"
 - Overall height: 3/16"
- Side View:
 - Overall width: 4 9/32"
 - Distance from left edge to center slot: 1 7/16"
 - Distance from center slot to right edge: 25/32"
 - Overall height: 1 3/8"
- Top View:
 - Overall length: 5 25/32"
 - Distance from left edge to center slot: 3 5/32"
 - Distance from center slot to right edge: 3 11/32"
 - Overall width: 3/16"

Technical drawing of a mechanical part, likely a pulley or flywheel, showing a front view and a cross-section. The front view is a rectangle with a central circular hole and two smaller circular holes on either side. The cross-section shows a rectangular block with a central circular hole and two smaller circular holes on either side. Dimensions are given in inches and degrees.

Key dimensions and features:

- Overall width: $3 \frac{5}{32}$
- Overall height: $1 \frac{9}{16}$
- Central hole diameter: $2 \frac{3}{8}$
- Side hole diameter: $\frac{1}{4}$
- Top surface angle: $13/32^\circ$
- Side hole angle: $87/32^\circ$
- Top surface angle: $23/32^\circ$
- Side hole angle: $57/16^\circ$
- Side hole angle: $9/16^\circ$

MILLING HEXAGON GUIDE

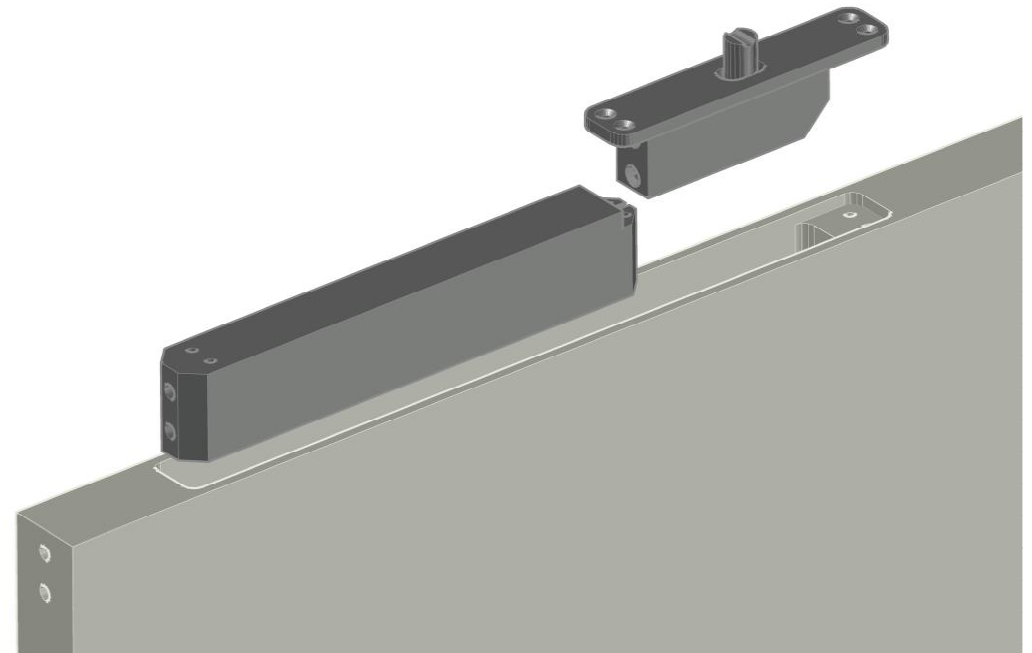
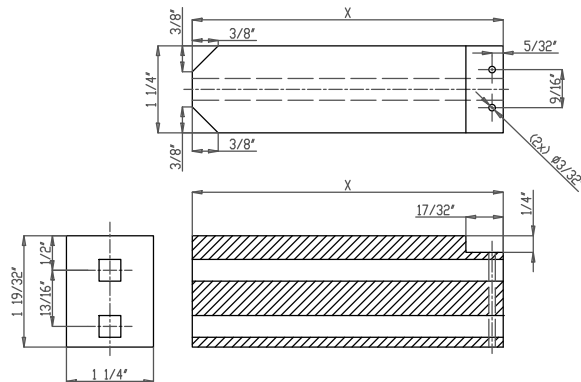
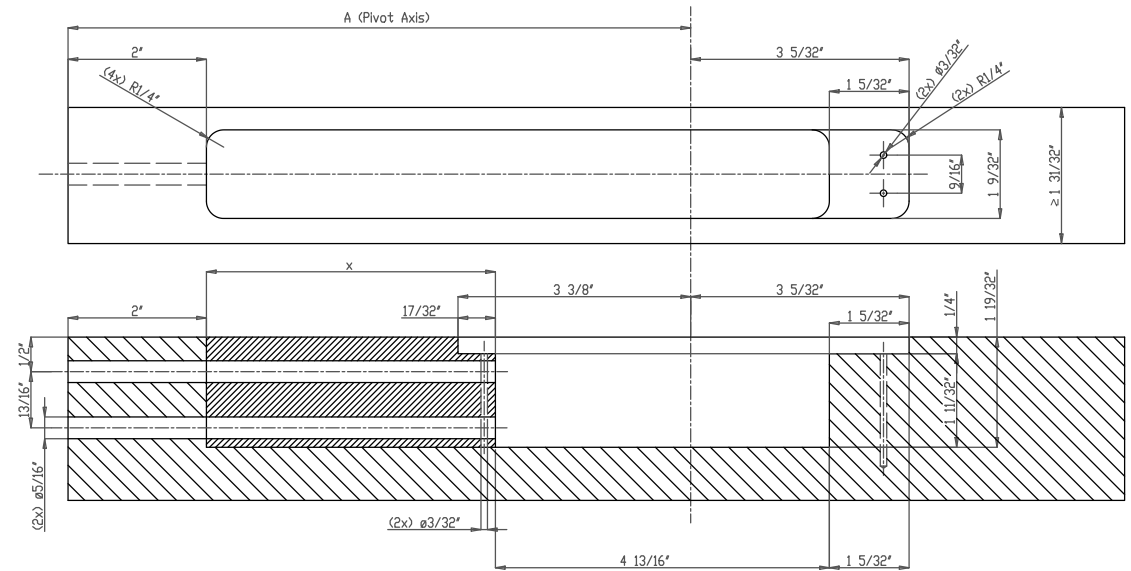
$A \geq 9"$

Step 1 – Determine the hexagon guide length X

Step 2 – Mill the pocket for hexagon guide and Top Hardware

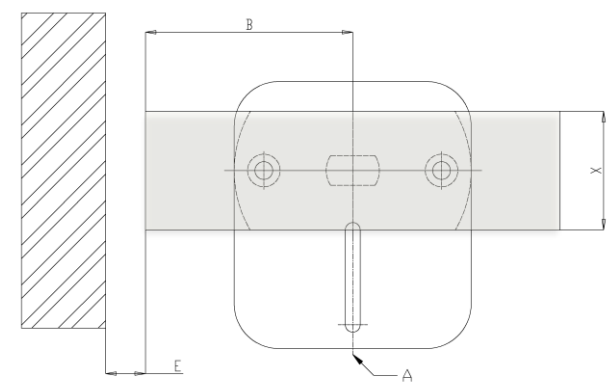
Step 3 – Prepare hexagon guide: Cut the Length (X), make the Step and holes in one side, chamfer other side

Step 4 – Glue hexagon guide in the door pocket



SIDE PLACEMENT MOUNTING – BOTTOM RECEIVER

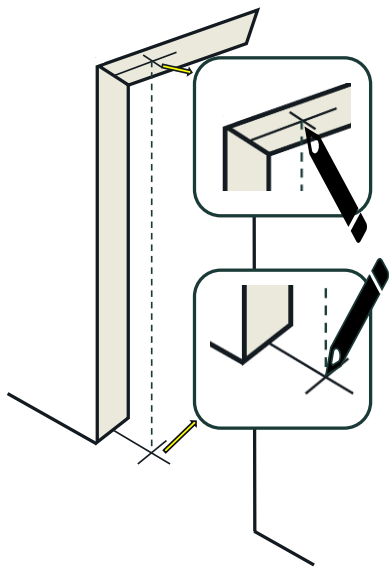
Step 1 – Determine the position of pivot point A on the floor. Use the fitting template and the table below.



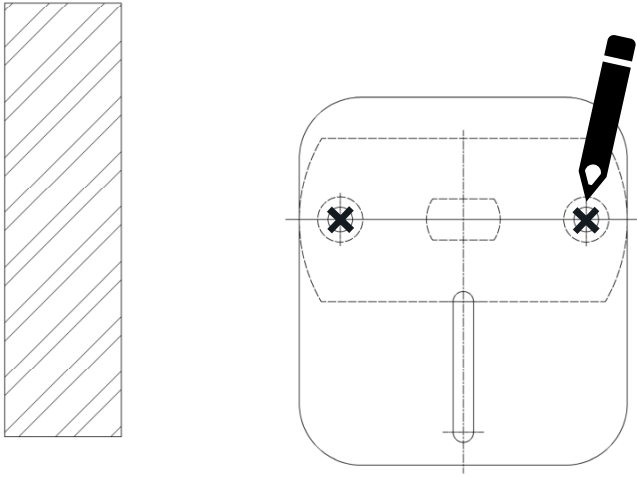
Symbol	Description
E	Minimum gap between door and wall (inch)
B	Distance pivot point to door edge (inch)
X	Door thickness (mm/inch)

	Door Thickness X (mm)	40	50	60	70	80	90	100
	Door Thickness X (in)	1 9/16"	1 31/32"	2 3/8"	2 3/4"	3 5/32"	3 17/32"	3 15/16"
Distance B (mm)	4"	5/32"	3/16"	9/32"	11/32"	13/32"	15/32"	19/32"
	5"	5/32"	3/16"	9/32"	11/32"	13/32"	15/32"	19/32"
	9"	1/8"	1/8"	5/32"	5/32"	3/16"	1/4"	9/32"
	15"	1/8"	1/8"	5/32"	5/32"	3/16"	1/4"	9/32"
	21"	3/32"	3/32"	1/8"	1/8"	1/8"	1/8"	1/8"
Minimum Gap Table E (inch)								

Step 2 – Mark pivot point A on the floor and on the ceiling.



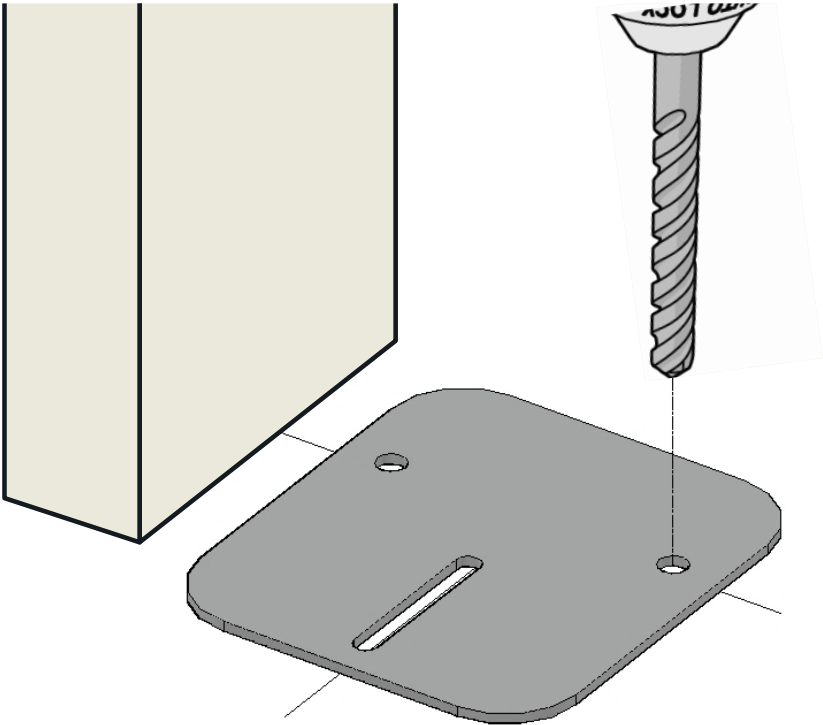
Step 3 – Mark the drilling holes for Bottom Receiver installation on the floor/frame. Use the fitting template.



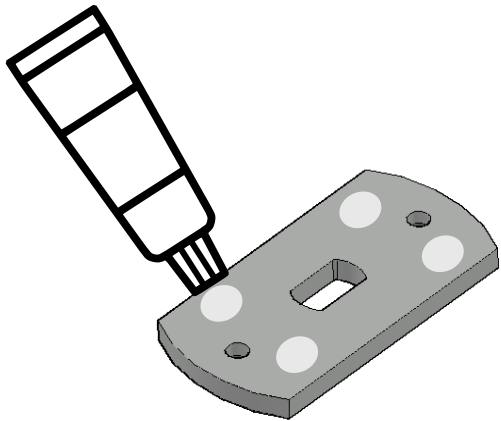
Step 4 – Select the correct drill bit for the floor and determine the drilling depth.

Floor	Drill diameter	Drilling depth
Wood	Ø 3/32"	1 5/8"
Concrete/Steel	Ø 7/64"	

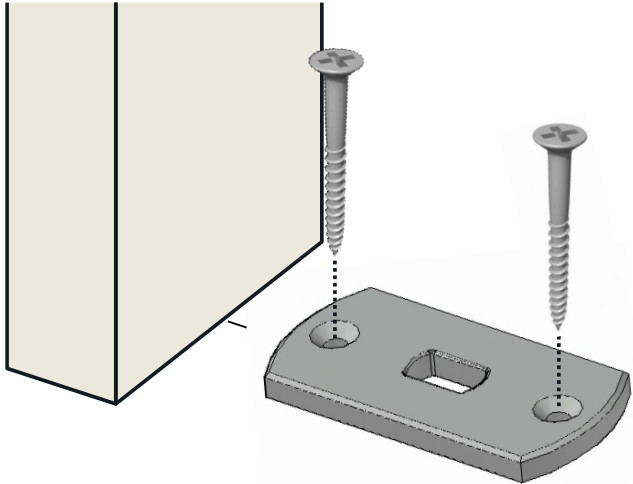
Step 5 – Drill the holes in the floor on the marked spots.



Step 6 – Apply a 1 mm thick layer of glue to the Bottom Receiver. Make sure the glue does not overflow when you affix the Bottom Receiver.



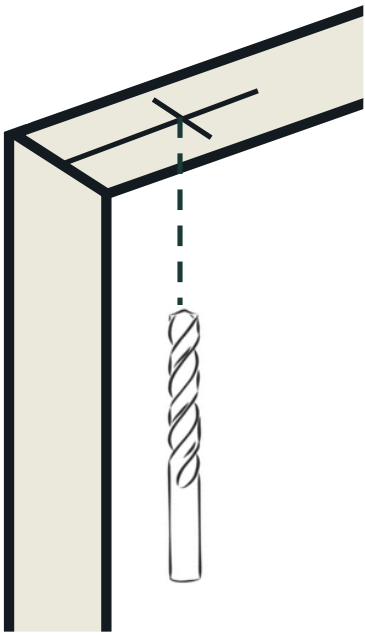
Step 7 – Screw the Bottom receiver on the floor/frame.



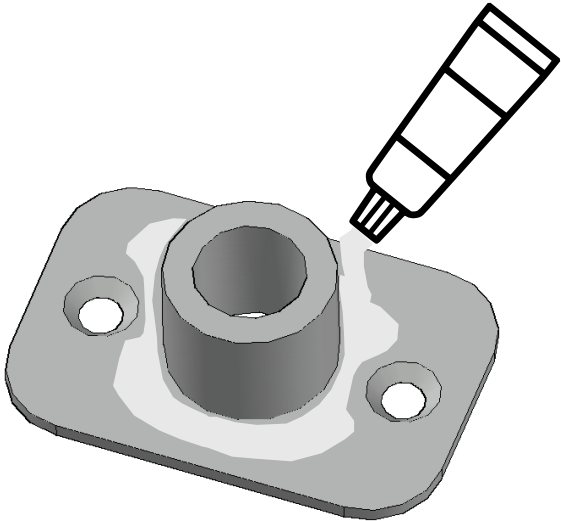
SIDE PLACEMENT MOUNTING – TOP RECEIVER

Step 1 – Drill a hole for the Top Receiver.

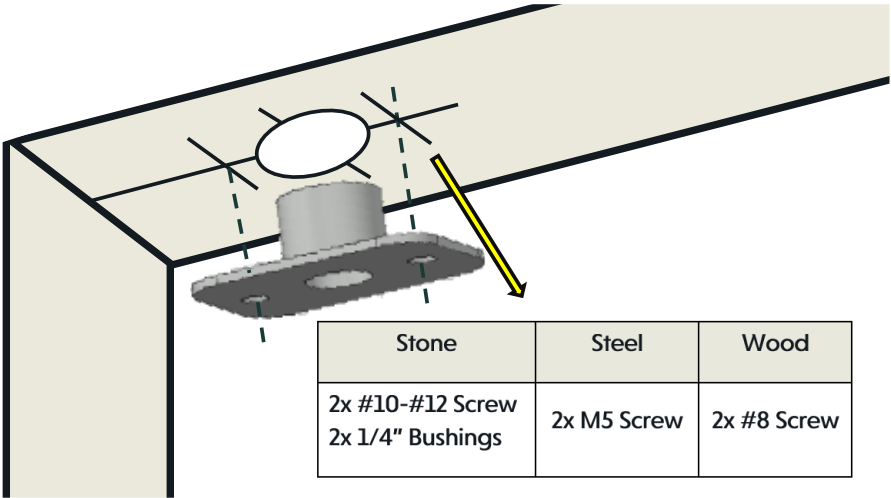
Drill diameter	Drilling depth
Ø 29/32"	6/8"



Step 2 – Apply a 1 mm thick layer of glue to the Top Receiver.



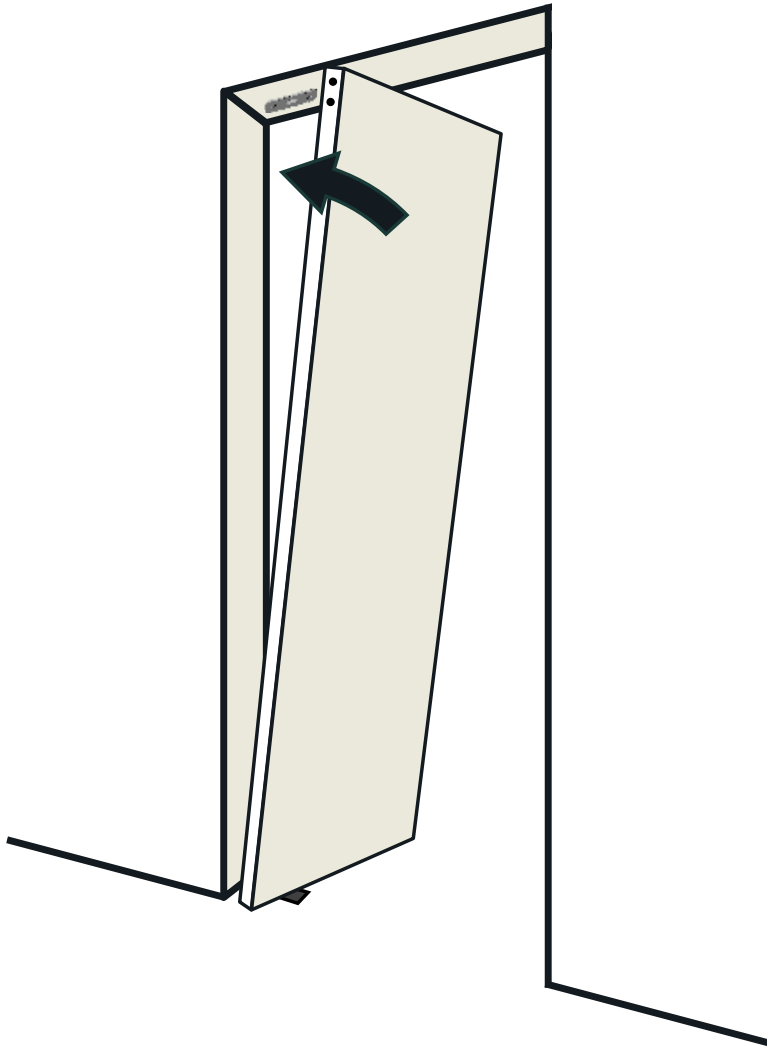
Step 3 – Affix the top receiver, check the table for instructions.



Stone	Steel	Wood
2x #10-#12 Screw 2x 1/4" Bushings	2x M5 Screw	2x #8 Screw

DOOR INSTALLATION

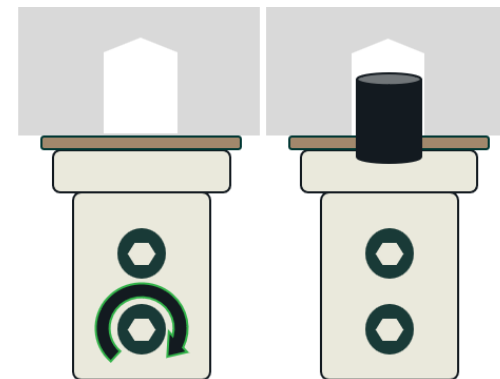
Step 1 – Position the door on the Bottom Receiver. Make sure the bottom cam is positioned in the elliptical hole in the Bottom Receiver. Align the door with the TOP Receiver.



Step 2 – Extend the pivot with Allen key 5 or use the Hexagon Guide (page xx, item X.X)



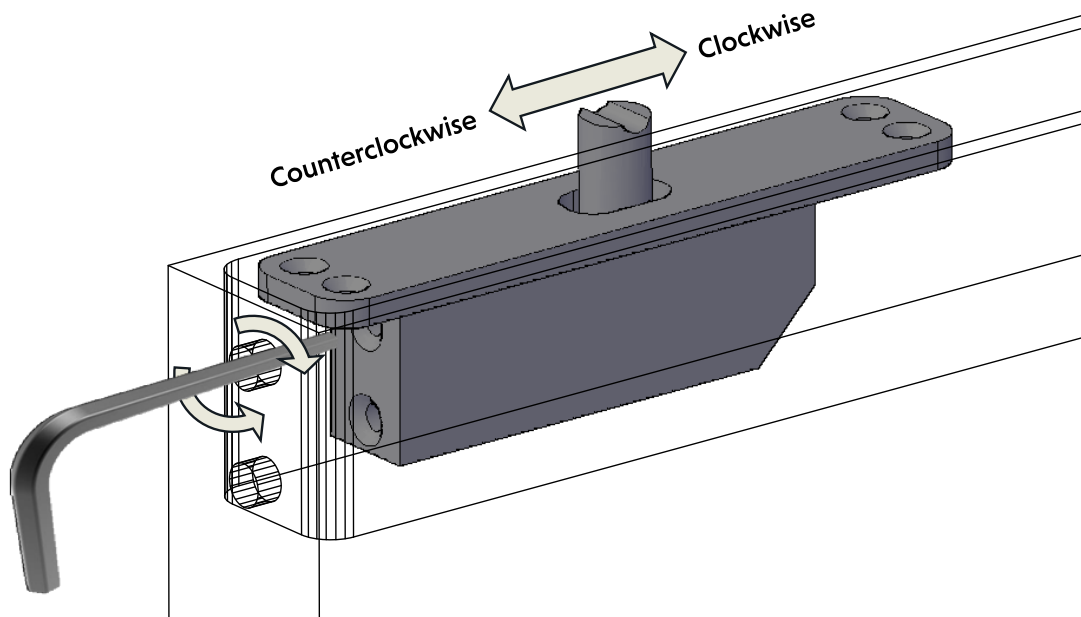
Turn the key 8 times



15x

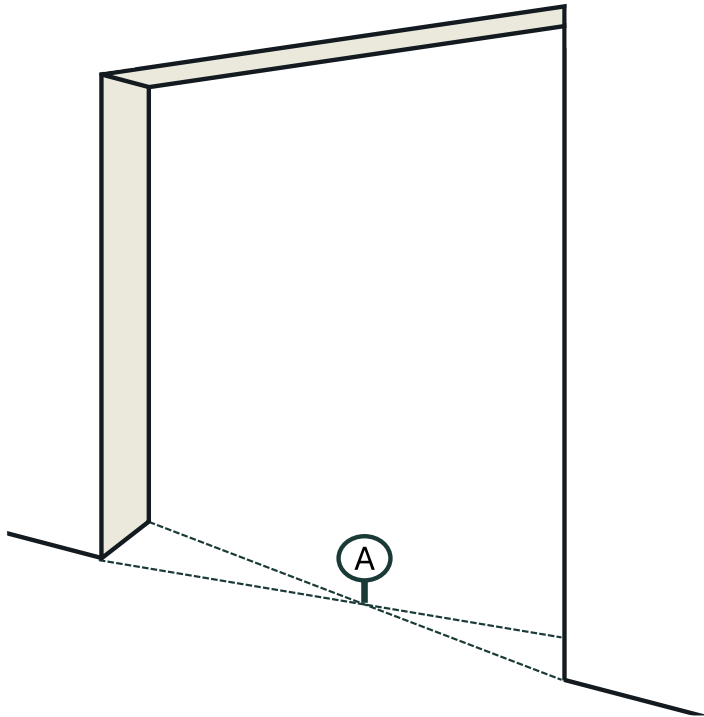
OK!

Step 3 - If necessary, the Top Hardware Pivot-pin can be adjusted.

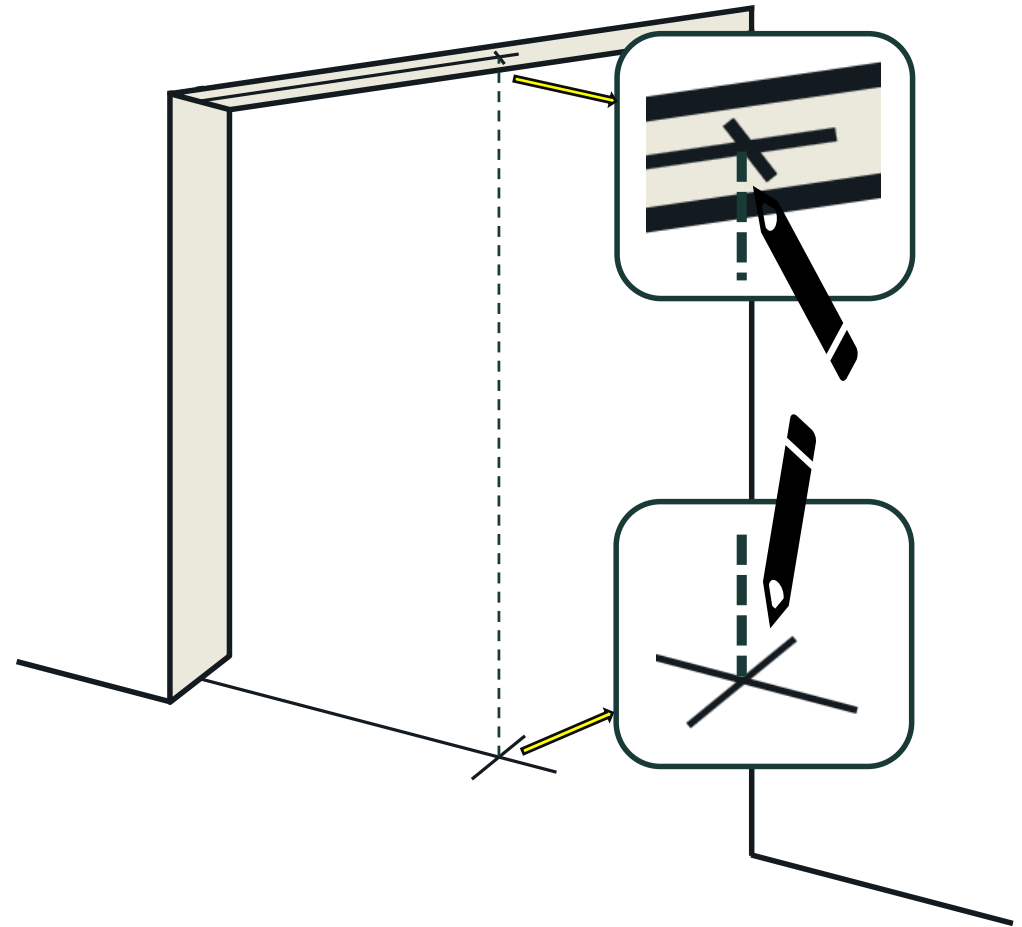


MIDDLE PLACEMENT – BOTTOM RECEIVER

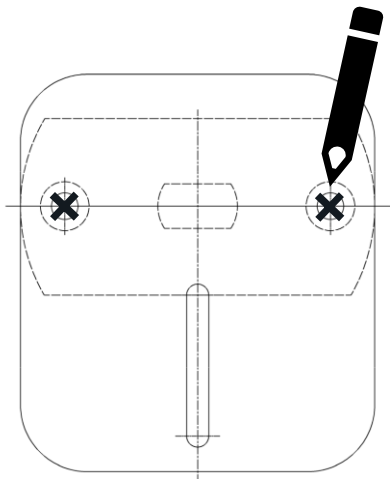
Step 1 – Determine the position of pivot point A in the middle of the door frame on the floor.



Step 2 – Mark pivot point A on the floor and on the ceiling.



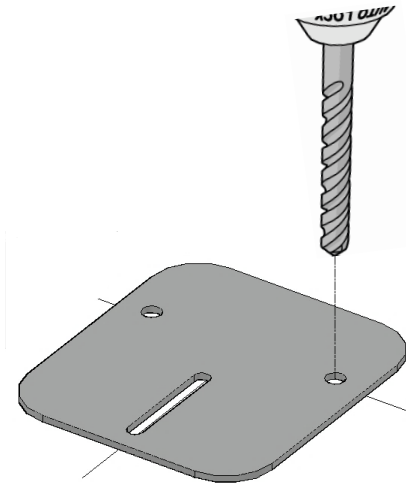
Step 3 – Mark the drilling holes on the floor. Use the fitting template.



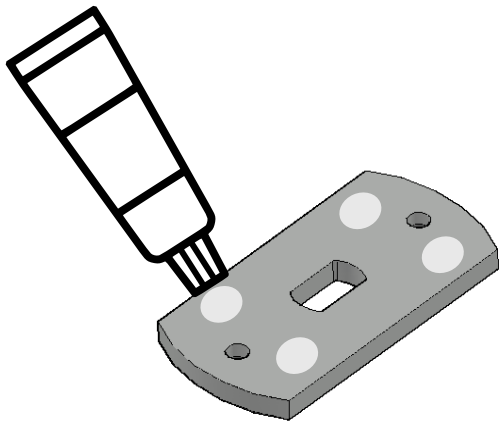
Step 4 – Select the correct drill bit for the floor and determine the drilling depth.

Floor	Drill diameter	Drilling depth
Wood	Ø 3/32"	1 5/8"
Concrete/Steel	Ø 7/64"	

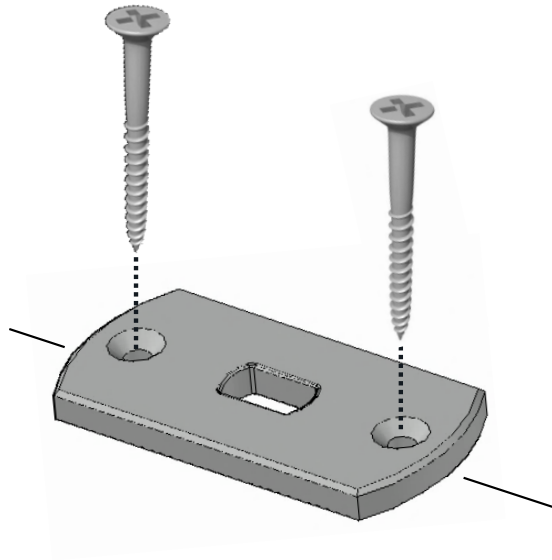
Step 5 – Drill the holes in the floor on the marked spots.



Step 6 – Apply a 1 mm thick layer of glue to the Bottom Receiver. Make sure the glue does not overflow when you affix the Bottom Receiver.



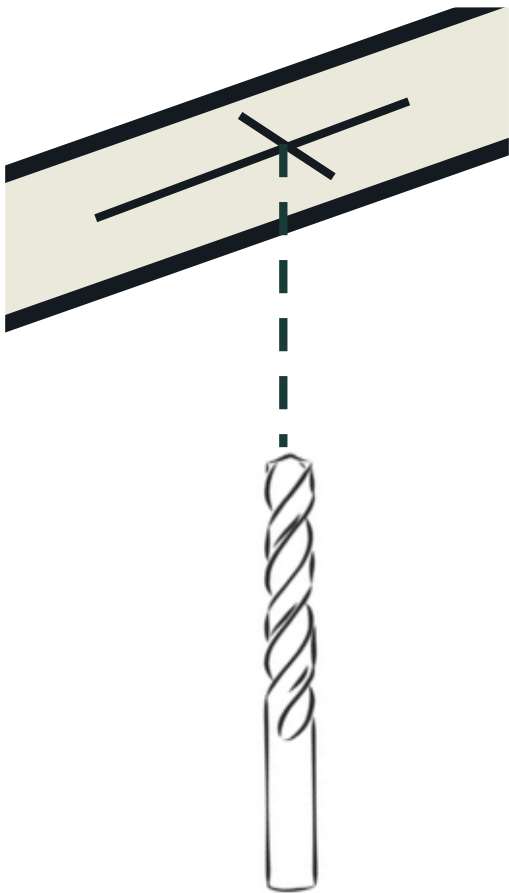
Step 7 – Screw the Bottom Receiver on the floor/frame.



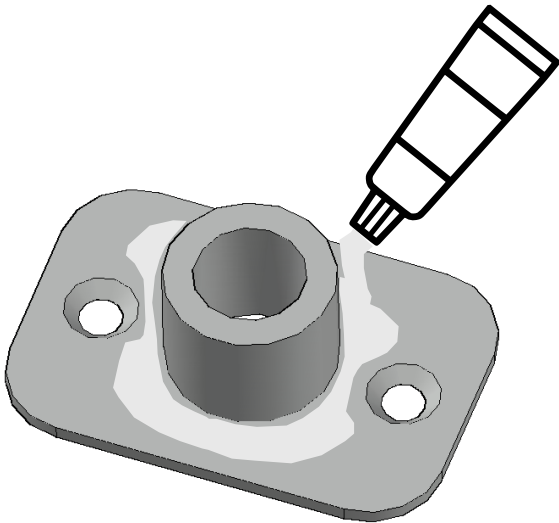
MIDDLE PLACEMENT – TOP RECEIVER

Step 1 – Drill a hole for the Top Receiver.

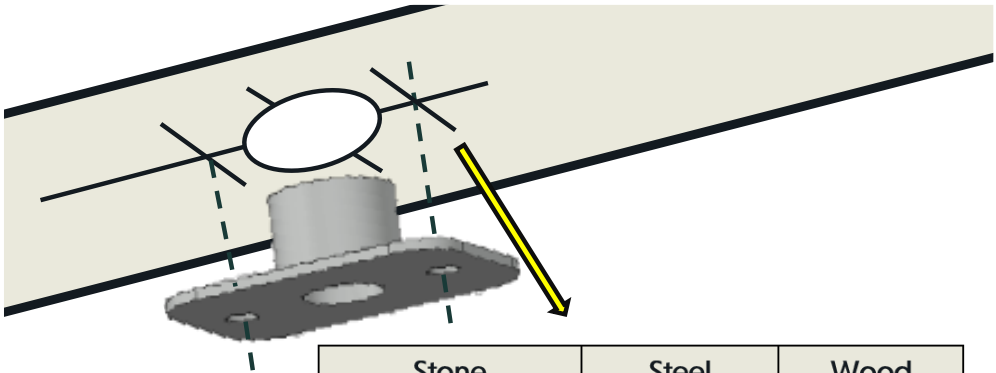
Drill diameter	Drilling depth
Ø 29/32"	6/8"



Step 2 – Apply a 1 mm thick layer of glue to the Top Receiver.



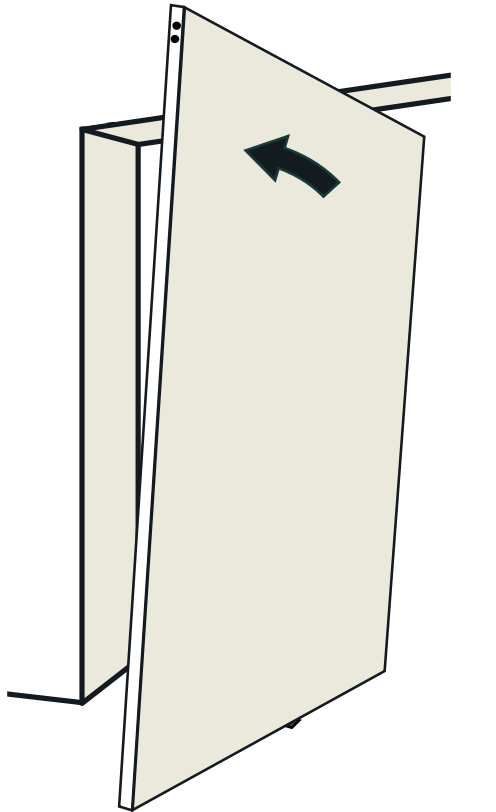
Step 3 – Affix the top receiver, check the table for instructions.



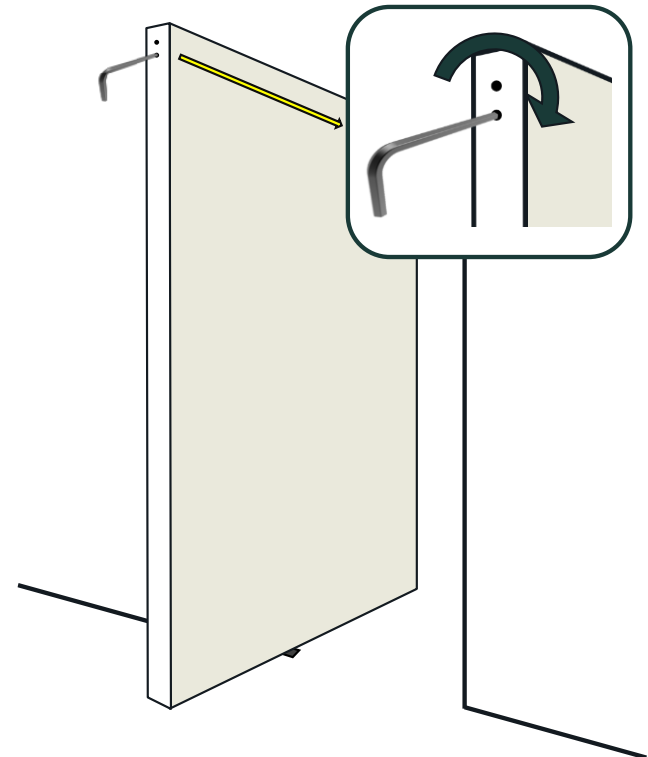
Stone	Steel	Wood
2x #10-#12 Screw 2x 1/4" Bushings	2x M5 Screw	2x #8 Screw

DOOR INSTALLATION

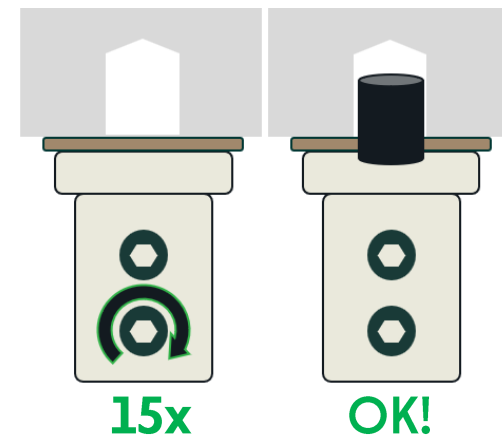
Step 1 – Position the door on the Bottom Receiver. Make sure the bottom cam is positioned in the elliptical hole in the Bottom Receiver. Align the door with the TOP Receiver.



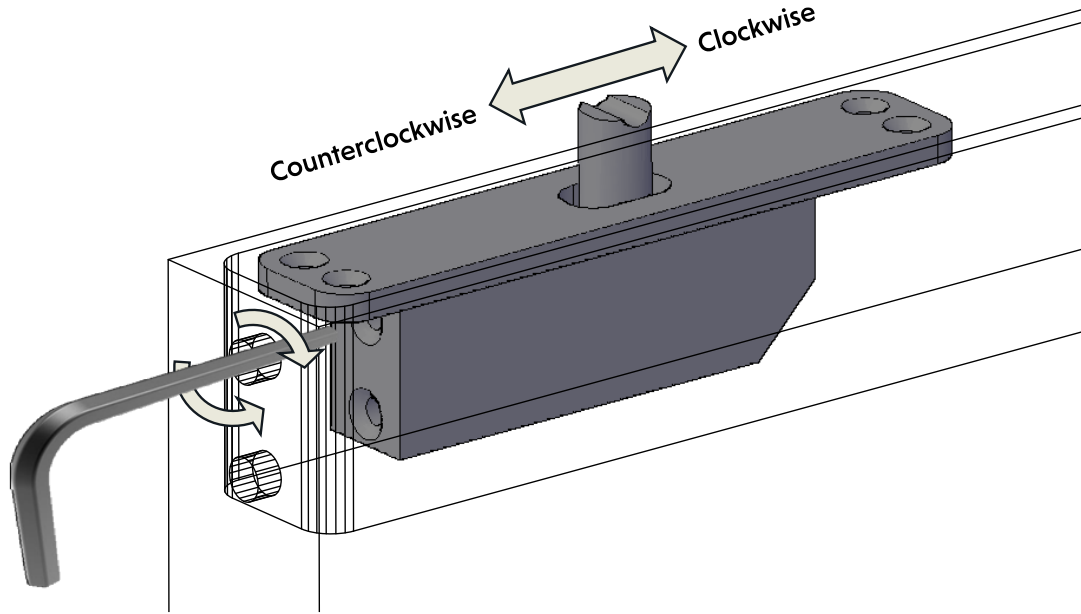
Step 2 – Extend the pivot with Allen key 5 or use the Hexagon Guide (page xx, item X.X)



Turn the key 8 times

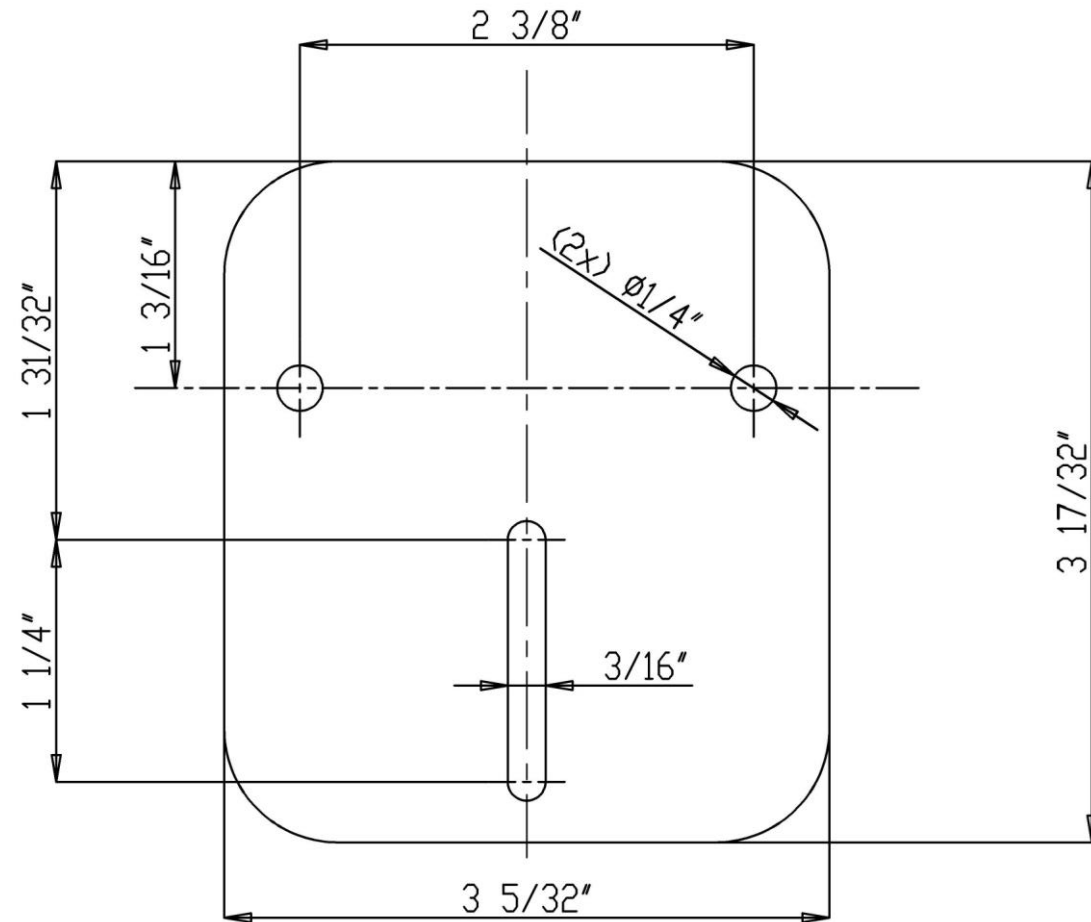


Step 3 - If necessary, the Top Hardware Pivot-pin can be adjusted.



Fitting Template

(Bottom Receiver installation)



Paper: A4
Scale: 1:1