

Don't waste time scratching your head!  
If there is something that is not 100% clear give our  
fantastic customer service team a call on 0113 245 9559

## CAUTION

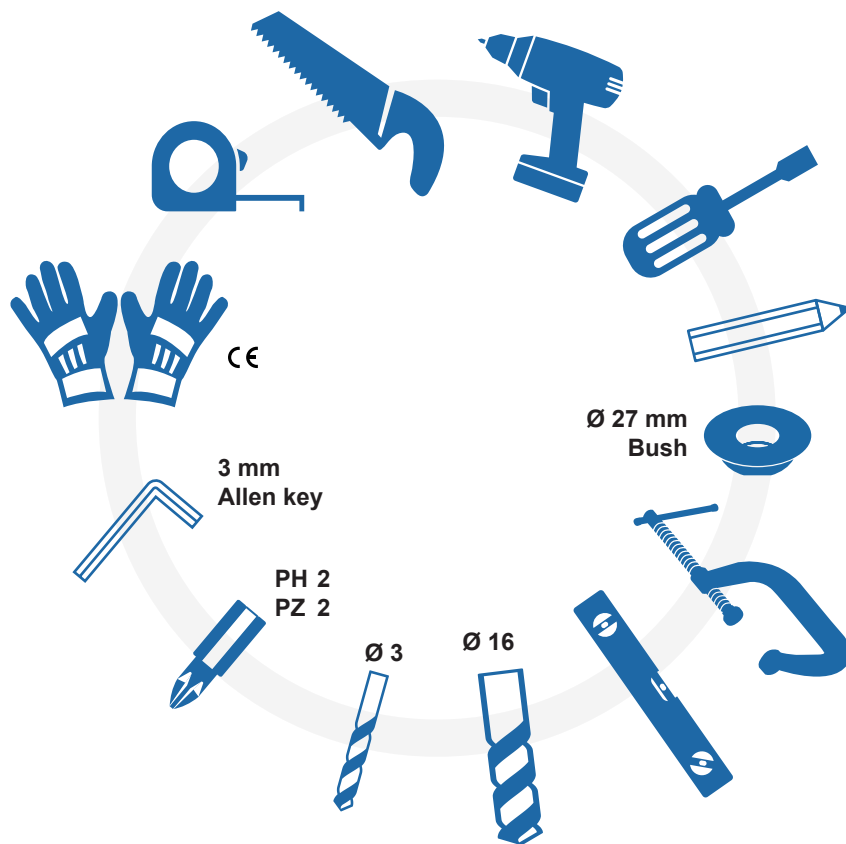
If you follow carefully these instructions for the assembly and installation process your life will be easier!

A pair of tressles are very useful when assembling the frames.

Some parts may have sharp edges so use gloves and be careful when handling the parts.

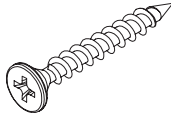

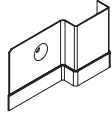
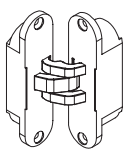
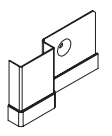
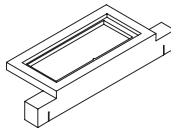
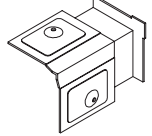
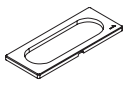


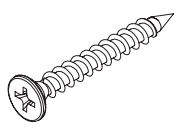
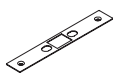
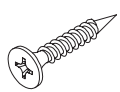
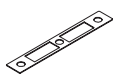

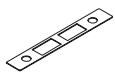
All products are fully inspected and tested before they leave the factory.

## TOOLS REQUIRED

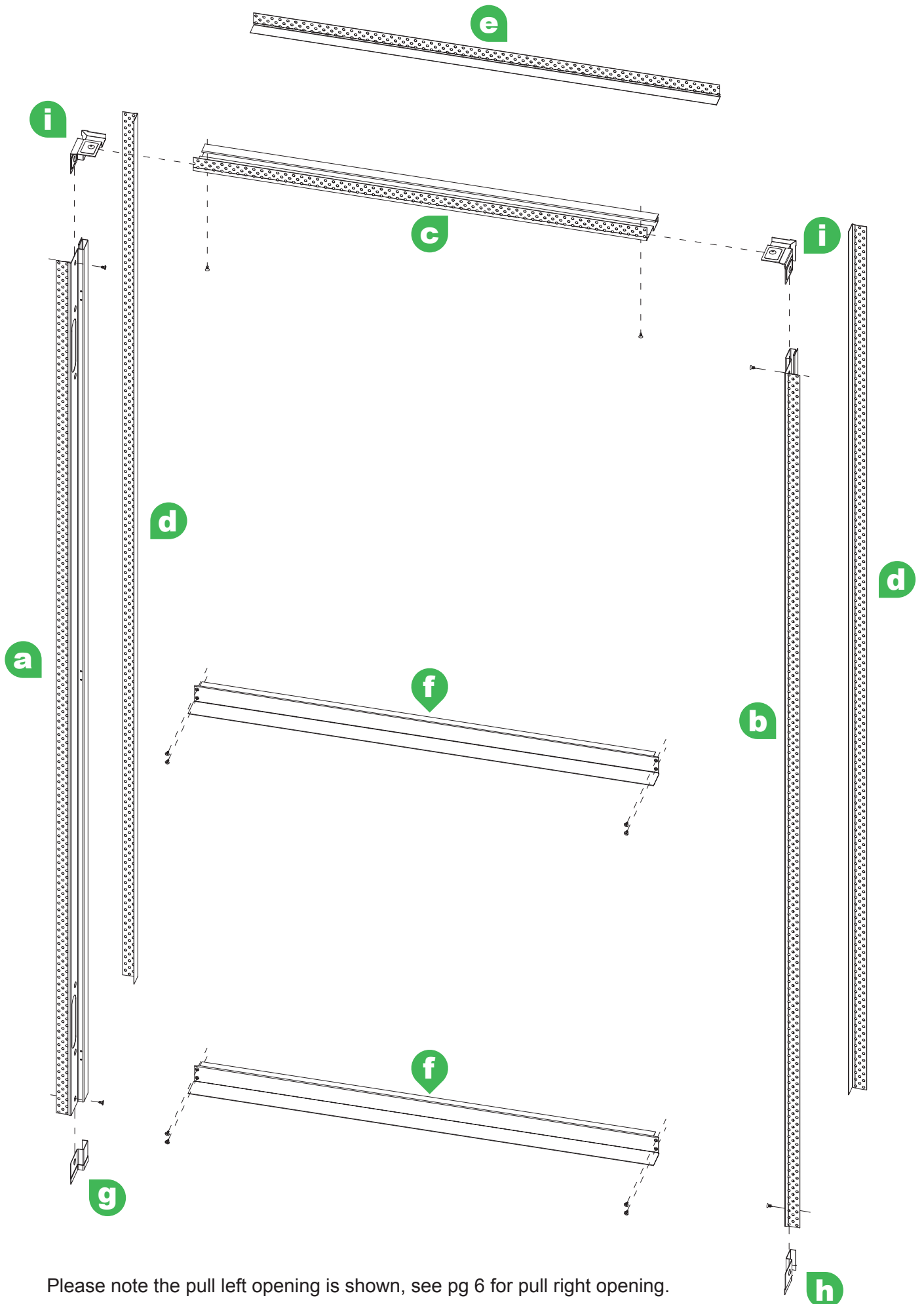


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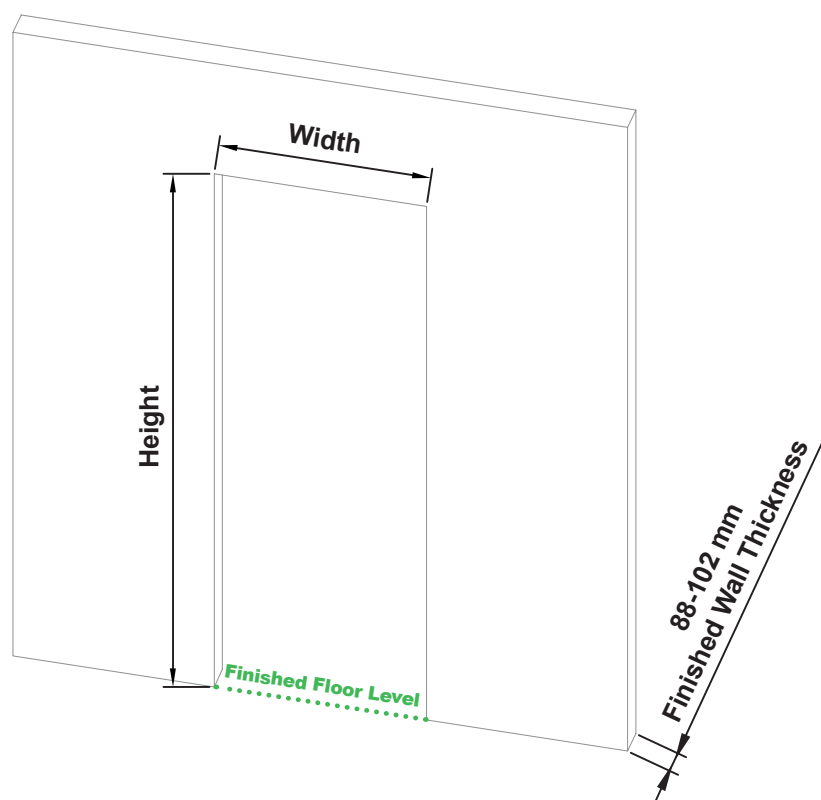
## EACH KIT CONTAINS:

|                 |   |                |  |
|-----------------|---|----------------|--|
| <b>a</b><br>x1  |   |                |  |
| <b>b</b><br>x1  |   |                |  |
| <b>c</b><br>x1  |   |                |  |
| <b>d</b><br>x2  |   |                |  |
| <b>e</b><br>x1  |   | <b>p</b><br>x4 |  <b>4.5 X 35</b>   |
| <b>f</b><br>x2  |   | <b>q</b><br>x1 |  <b>Door seal</b>   |
| <b>g</b><br>x1  |  <b>SX - Left</b>  | <b>r</b><br>x2 |  <b>Hinge with cover</b>                               |
| <b>h</b><br>x1  |  <b>DX - Right</b> | <b>s</b><br>x1 |  <b>Jig</b>  |
| <b>i</b><br>x2  |                    | <b>t</b><br>x1 |  <b>Jig insert</b>                                     |
| <b>l</b><br>x14 |  <b>4.2 X 9.5</b>  | <b>u</b><br>x1 |  <b>Jig insert</b>                                     |
| <b>m</b><br>x4  |  <b>5.0 X 40</b>   | <b>v</b><br>x1 |  <b>Strike plate adaptor for tubular latch</b>         |
| <b>n</b><br>x72 |  <b>3.5 X 25</b>   | <b>w</b><br>x1 |  <b>Strike plate adaptor for euro profile sashlock</b> |
| <b>o</b><br>x4  |  <b>M5 X 12</b>    | <b>z</b><br>x1 |  <b>Strike plate adaptor for din sashlock</b>          |

## POSITIONING OF COMPONENTS



Please note the pull left opening is shown, see pg 6 for pull right opening.



| Door Panel | Door Thickness | Finished Wall | OPENING REQUIRED IN WALL |        |
|------------|----------------|---------------|--------------------------|--------|
|            |                |               | SINGLE DOOR              |        |
|            |                |               | Width                    | Height |
| 686 x 1981 | 44             | 88 to 102     | 720                      | 2001   |
| 762 x 1981 | 44             | 88 to 102     | 796                      | 2001   |
| 838 x 1981 | 44             | 88 to 102     | 872                      | 2001   |
| 726 x 2040 | 44             | 88 to 102     | 760                      | 2060   |
| 826 x 2040 | 44             | 88 to 102     | 860                      | 2060   |
| 926 x 2040 | 44             | 88 to 102     | 960                      | 2060   |

dimensions in mm

The standard system is adaptable for wall thickness from 88 to 102 mm (including plasterboard).

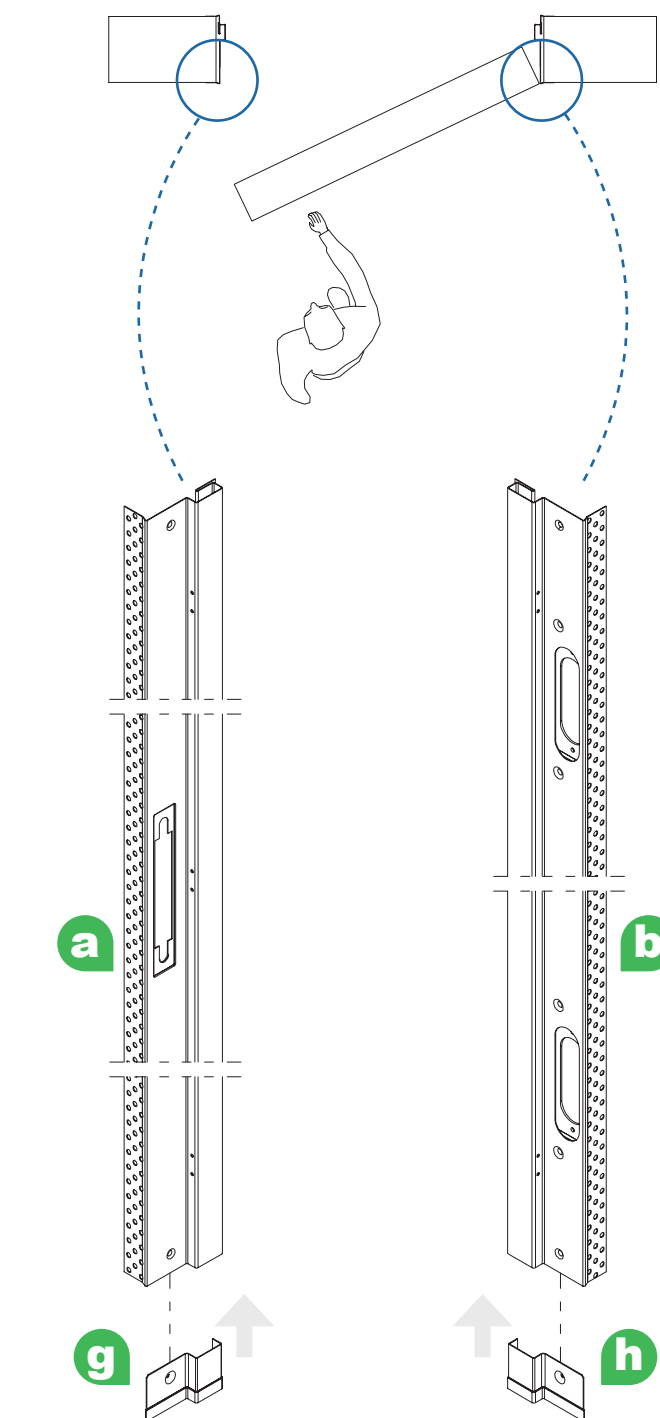
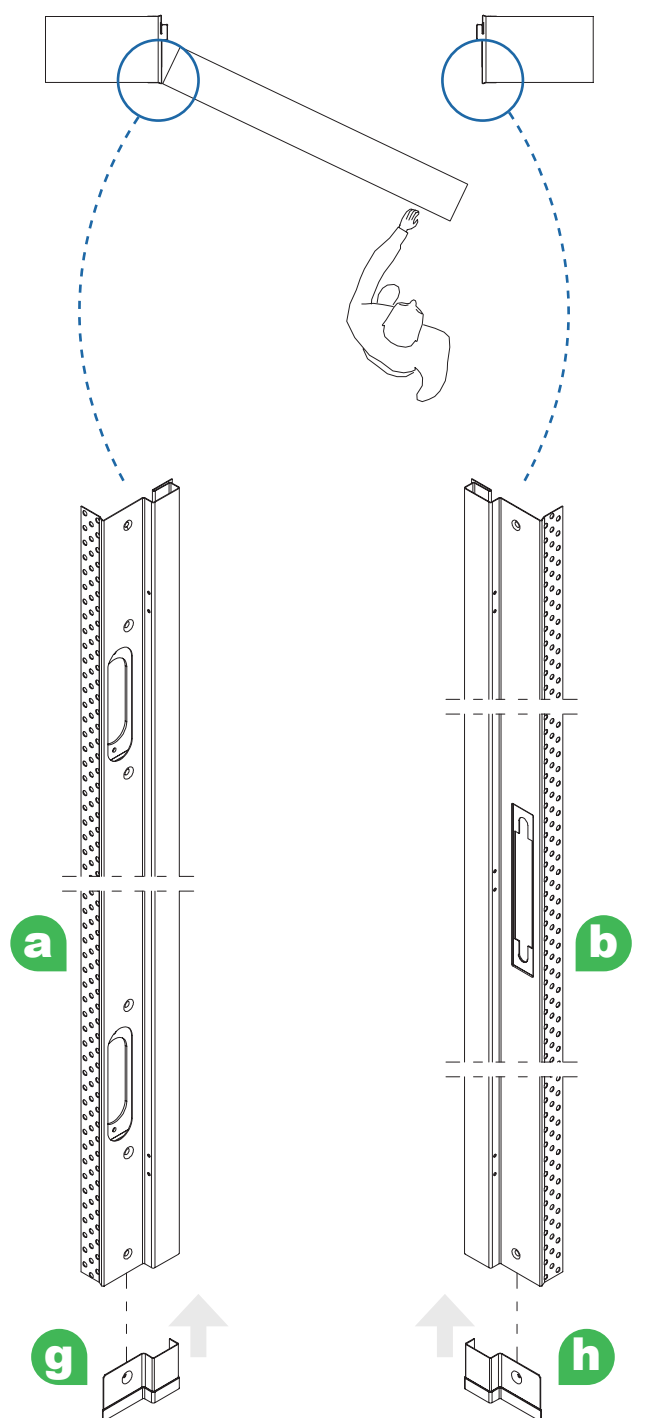
However extensions are available for wider finished wall thicknesses from 113 to 127 mm and on request even wider walls.

If using metal studwork then the opening for the frame needs to be lined with wood (min 40 mm) to allow for the hinge cutouts (see page 8).

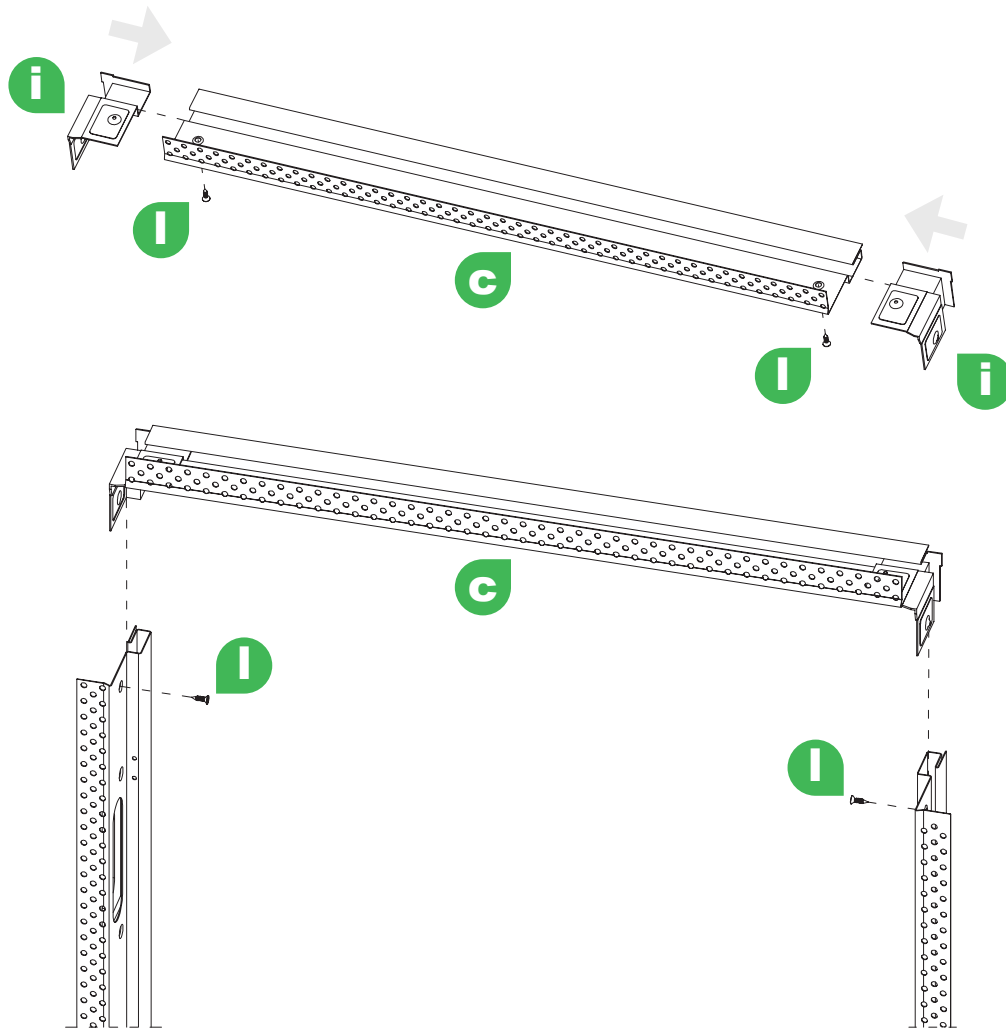
# FRAME ASSEMBLY

PULL LEFT

PULL RIGHT

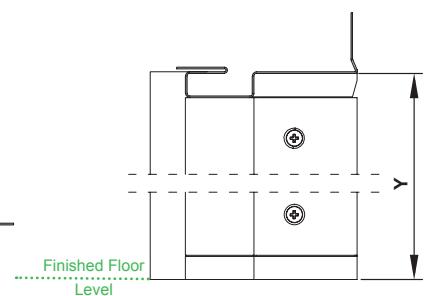
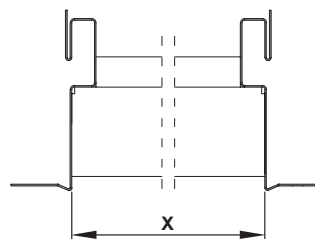
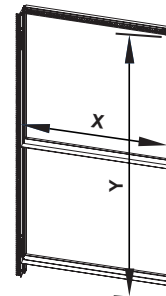
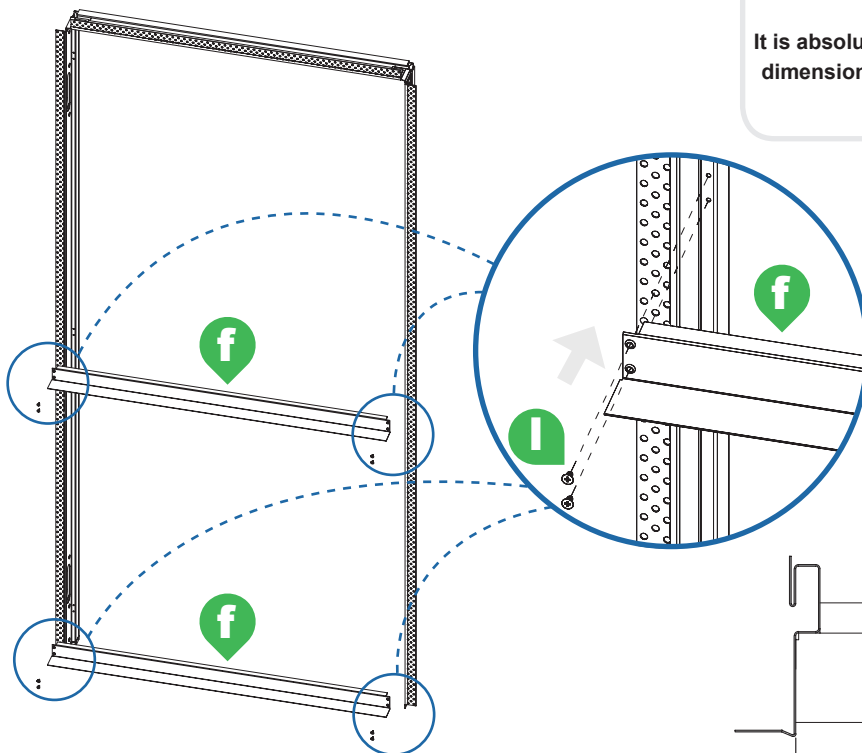


## FRAME ASSEMBLY

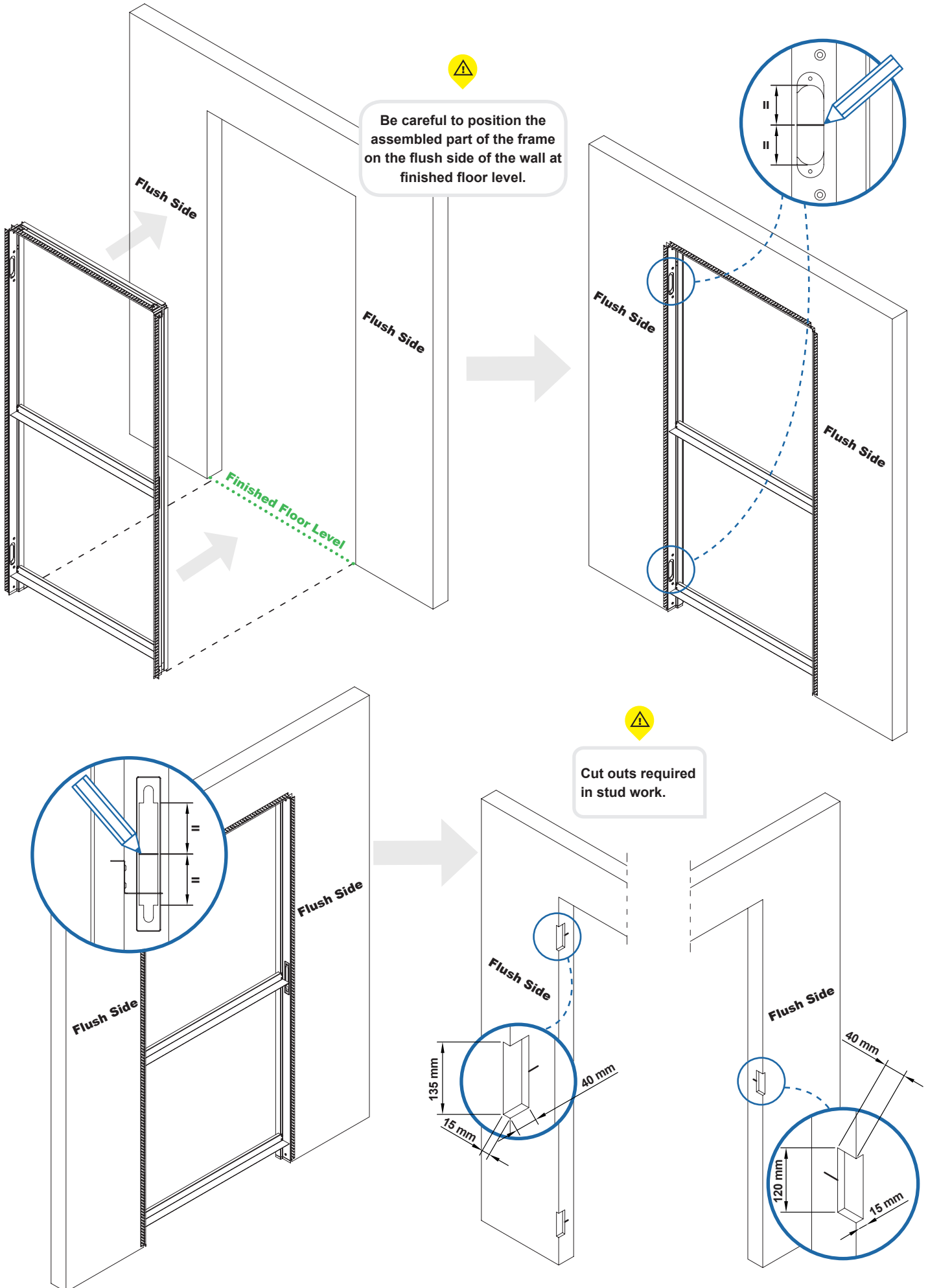


### IMPORTANT

It is absolutely essential that after installing the distance pieces the dimension **X** is 8 mm wider than your door and dimension **Y** 8 mm higher than your door. Dimensions +/- 1 mm.

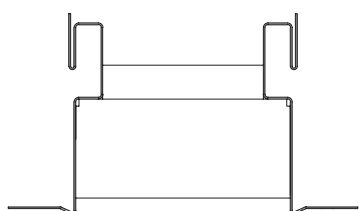
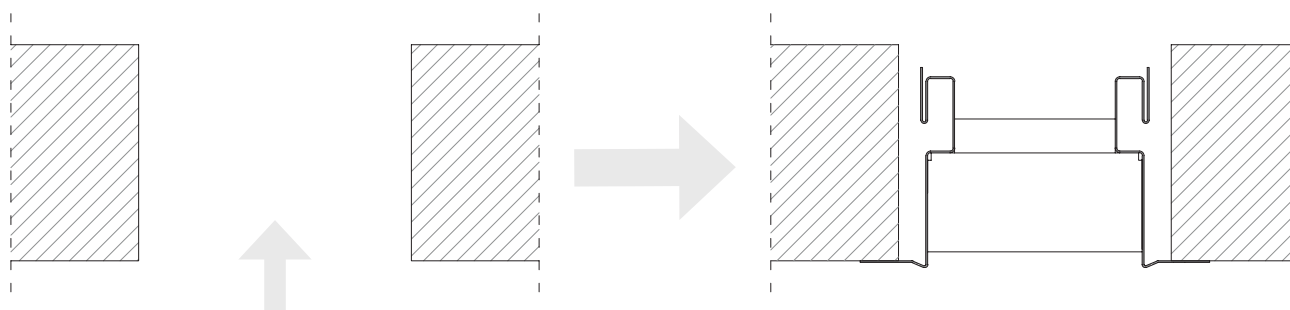
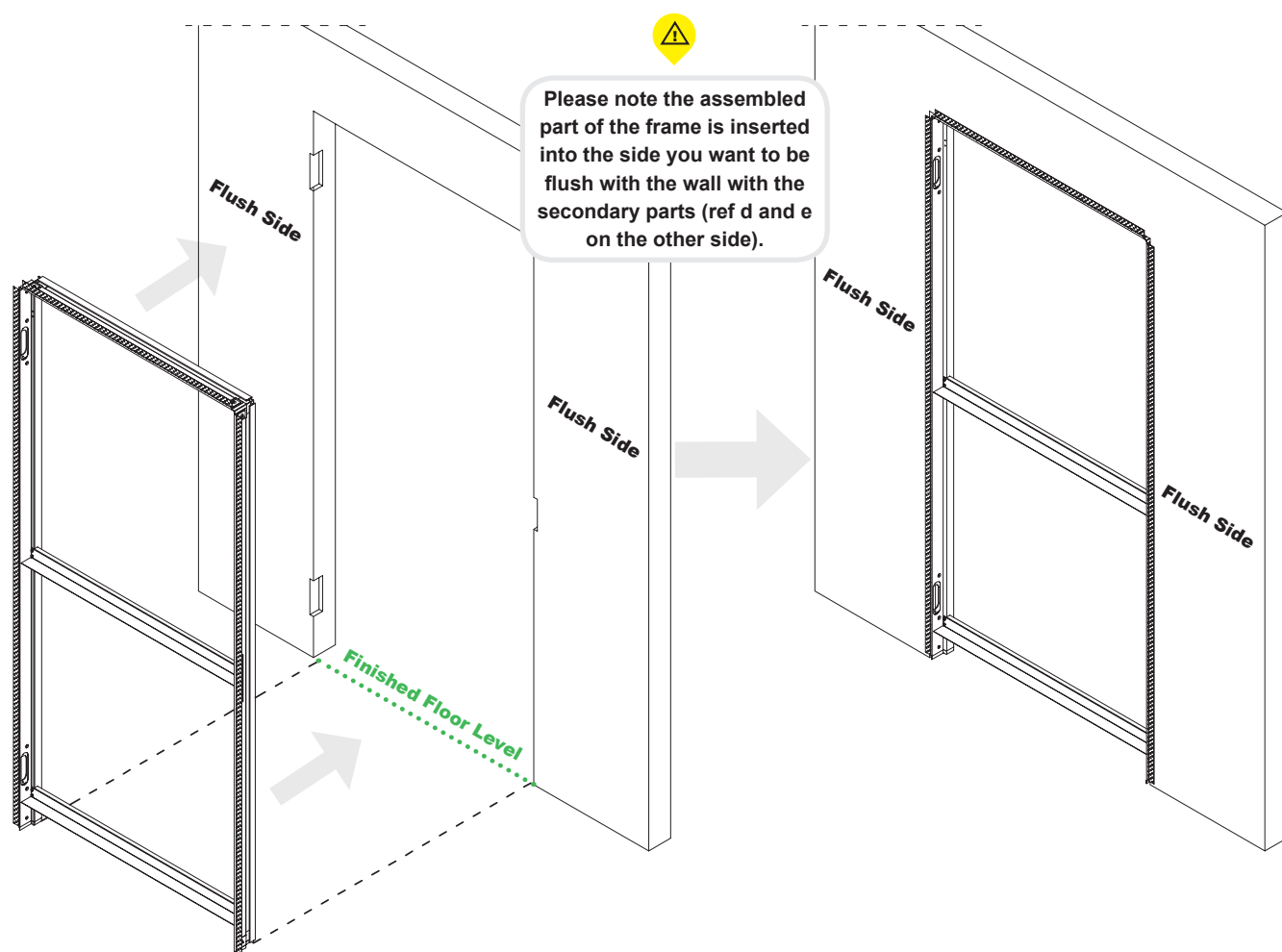


## INSTALLING IN STUD WORK

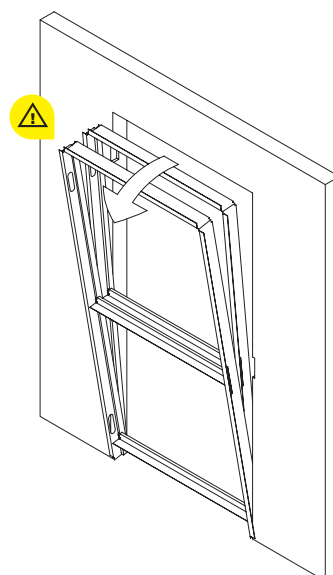




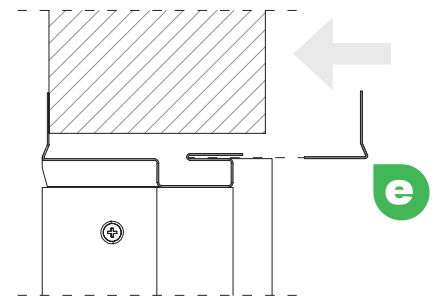
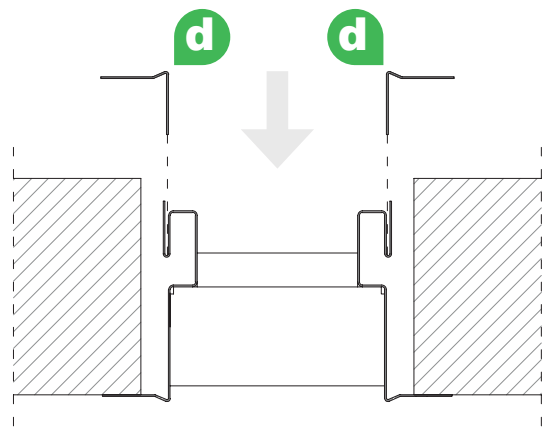
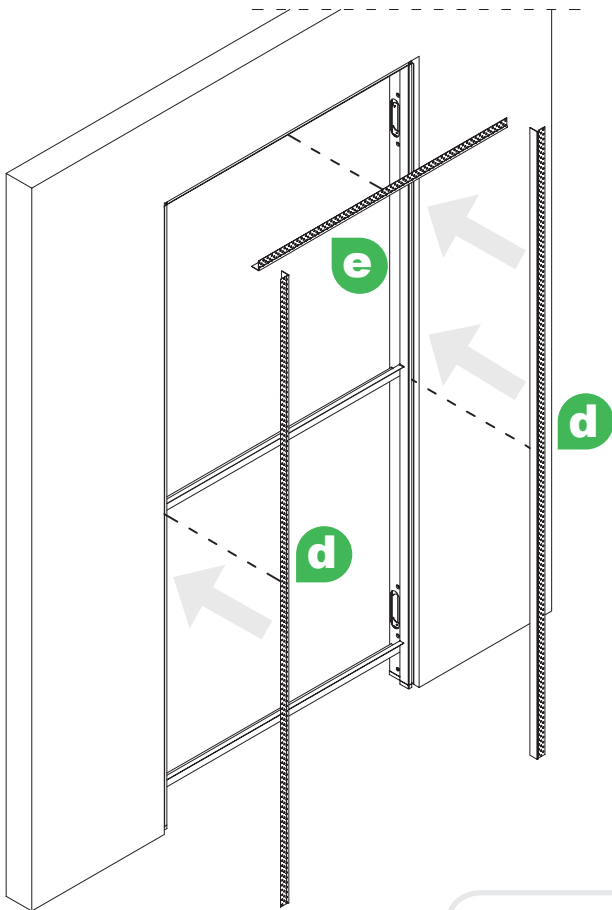
## INSTALLING IN STUD WORK



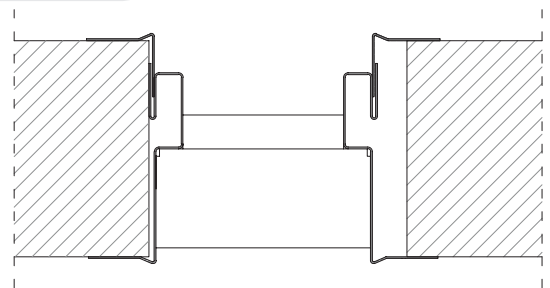
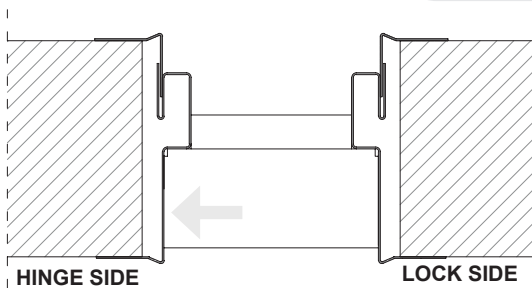
Two people are needed to perform this task to avoid the risk that the frame will fall.



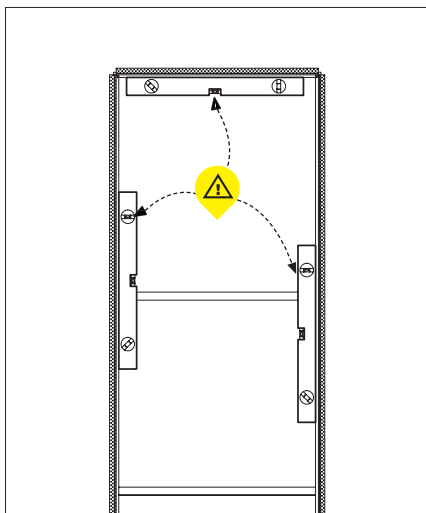
## INSTALLING IN STUD WORK



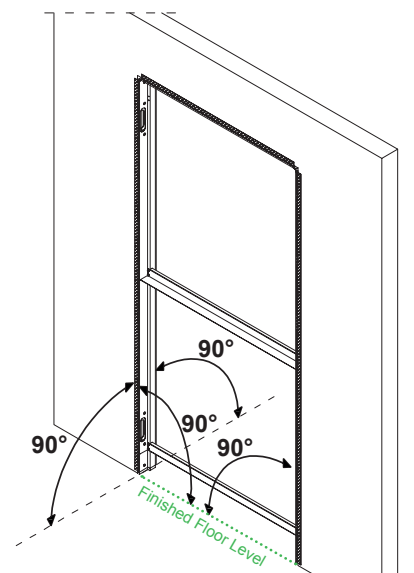
Ensure the frame is pushed flush up against the hinge side of the wall



## FIXING THE FRAME TO THE WALL



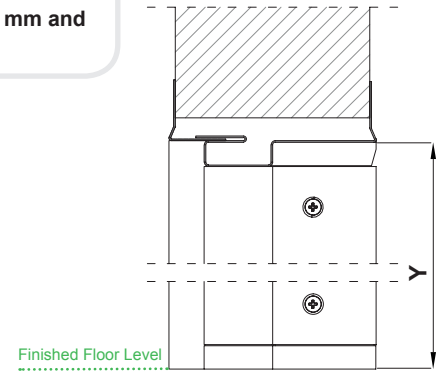
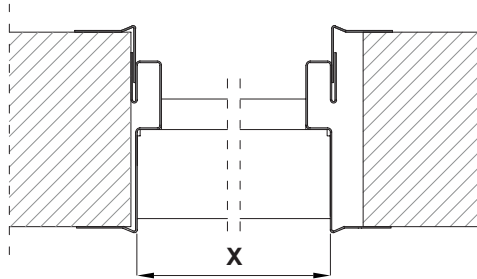
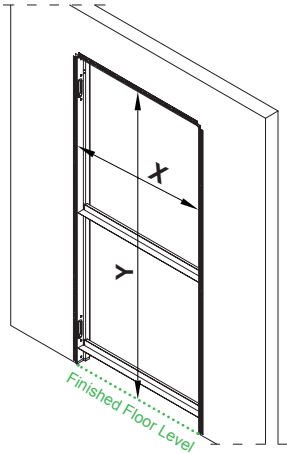
It is very important that the frame is perfectly plumb and so please check a number of times BEFORE fixing the frame and during the operation.



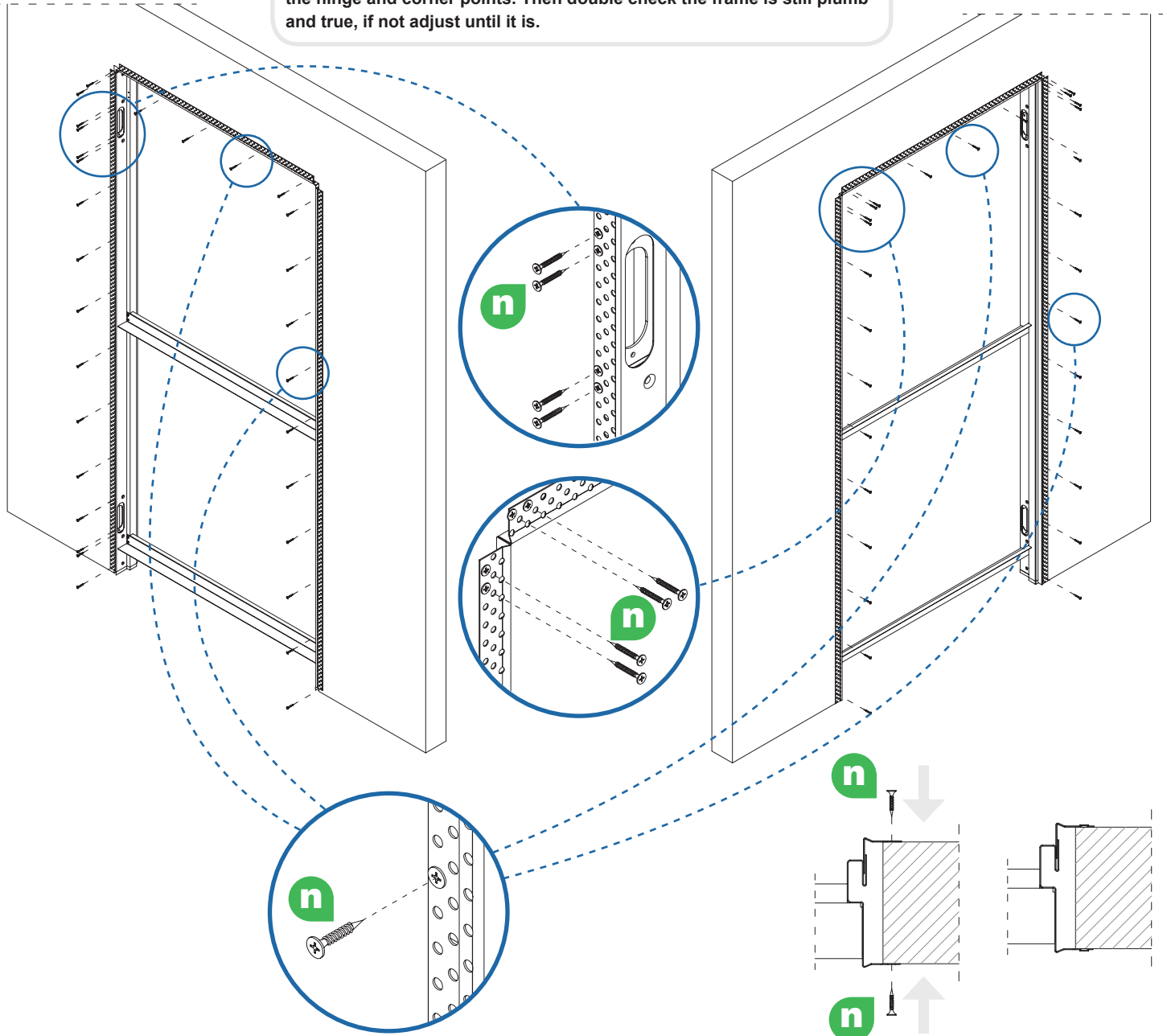
## FIXING THE FRAME TO THE WALL



It is essential you measure the dimensions x and y BEFORE AND AFTER installation of the frame and they MUST be your door width + 8 mm and your door height + 8 mm. Dimensions +/- 1 mm.

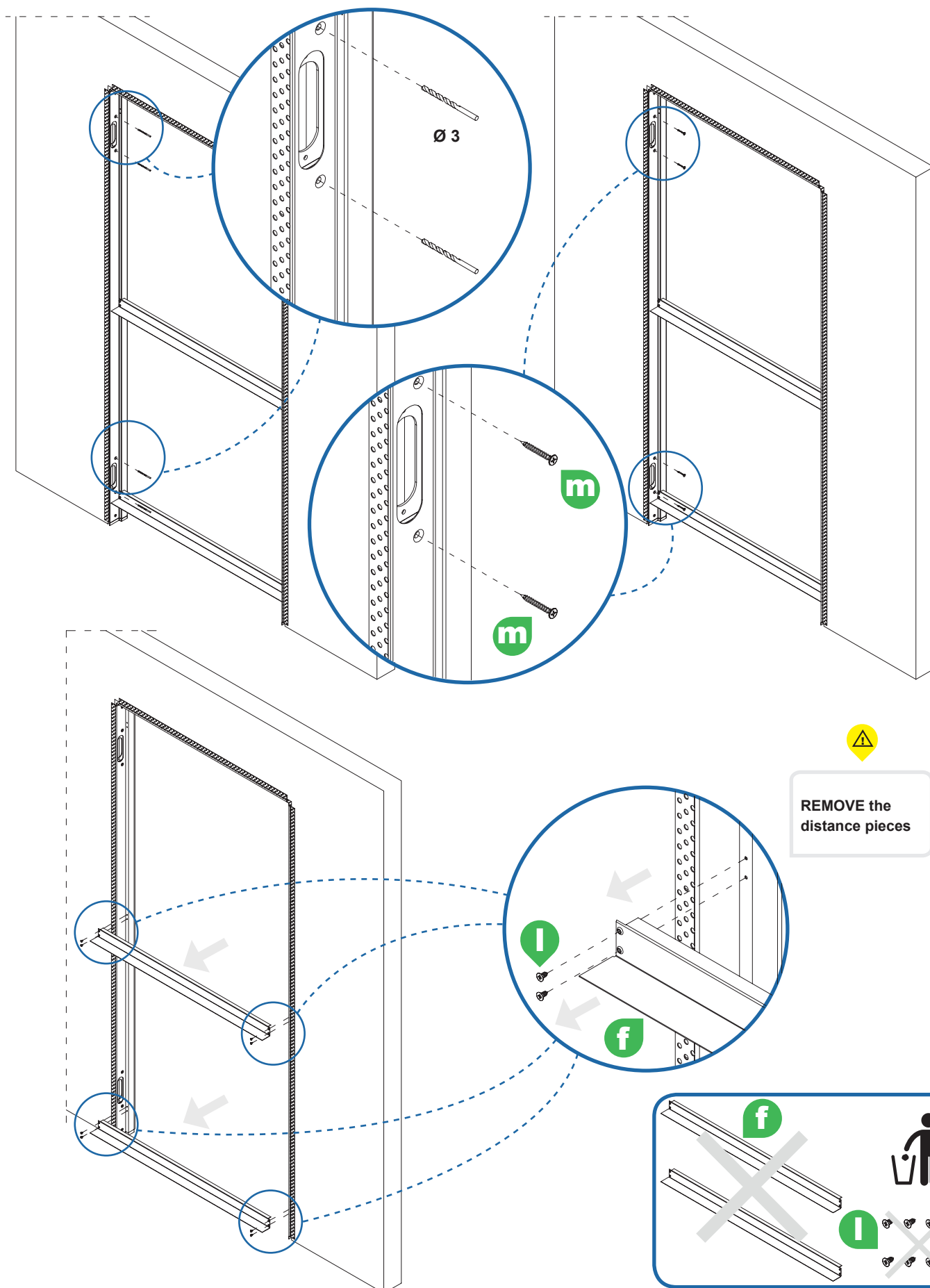


First screw the flush side of the frame to the wall then the opposite side using the screws (n) at 200 mm intervals. Use QUADRUPLE SCREWS at the hinge and corner points. Then double check the frame is still plumb and true, if not adjust until it is.



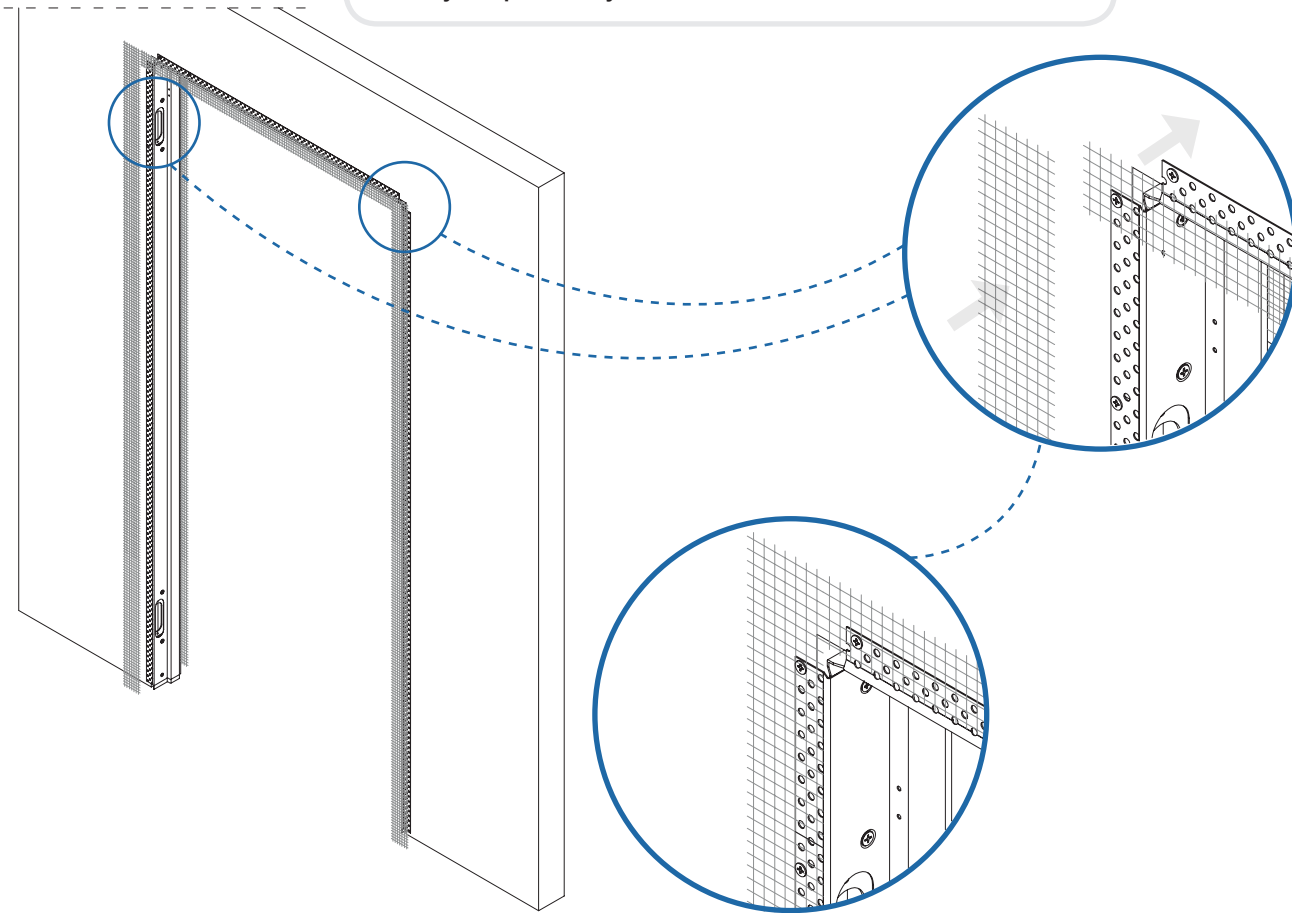
## FIXING THE FRAME TO THE WALL

After installing the frame insert the screws (m) above and below the hinge positions being careful not to tighten too much, the frame should not be bent or warp by this action.

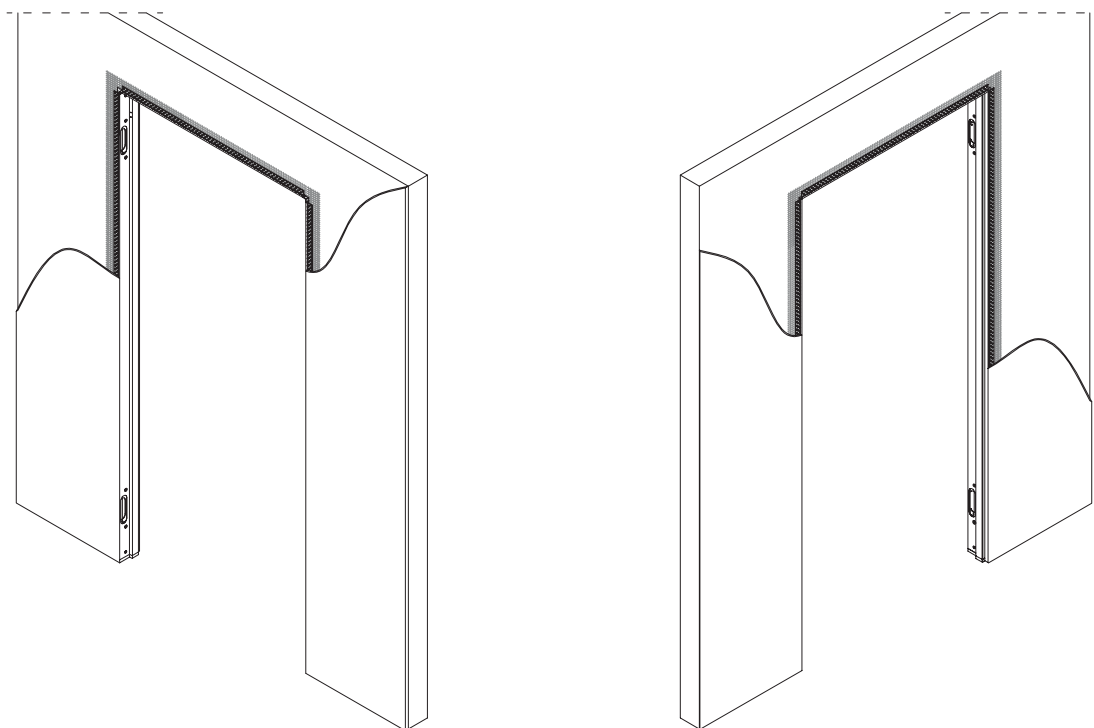


## FIXING THE FRAME TO THE WALL

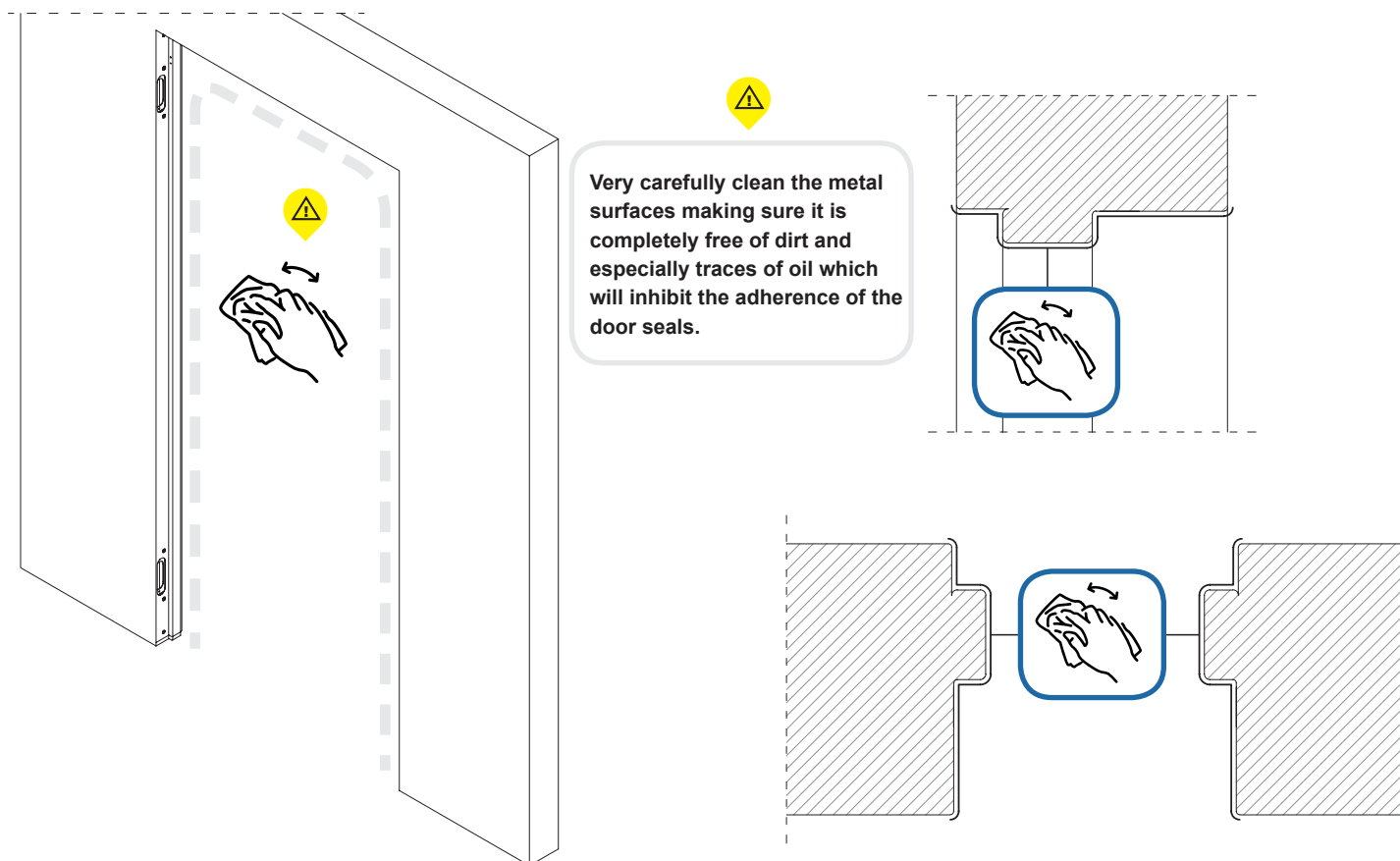
Use PVA or equivalent on the metal edges that are to be plastered, fit fibre plastering tape all around the frame doubling up over corners and the hinge points and, when the PVA is tacky apply the plaster up to the stop bead. Use metal primer on the remaining metal surface return and when dry it is paint ready.



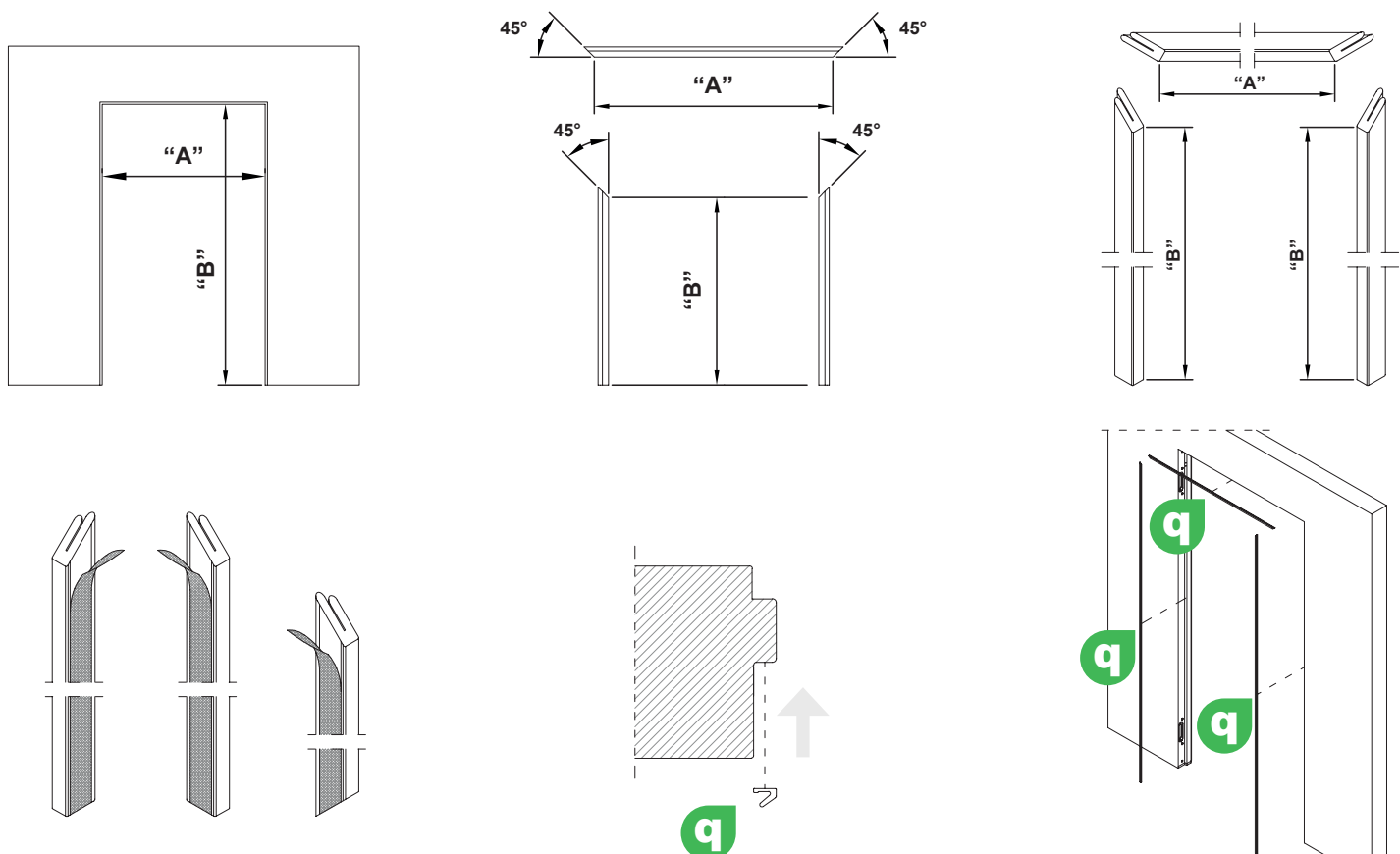
## PLASTERING AND PAINTING



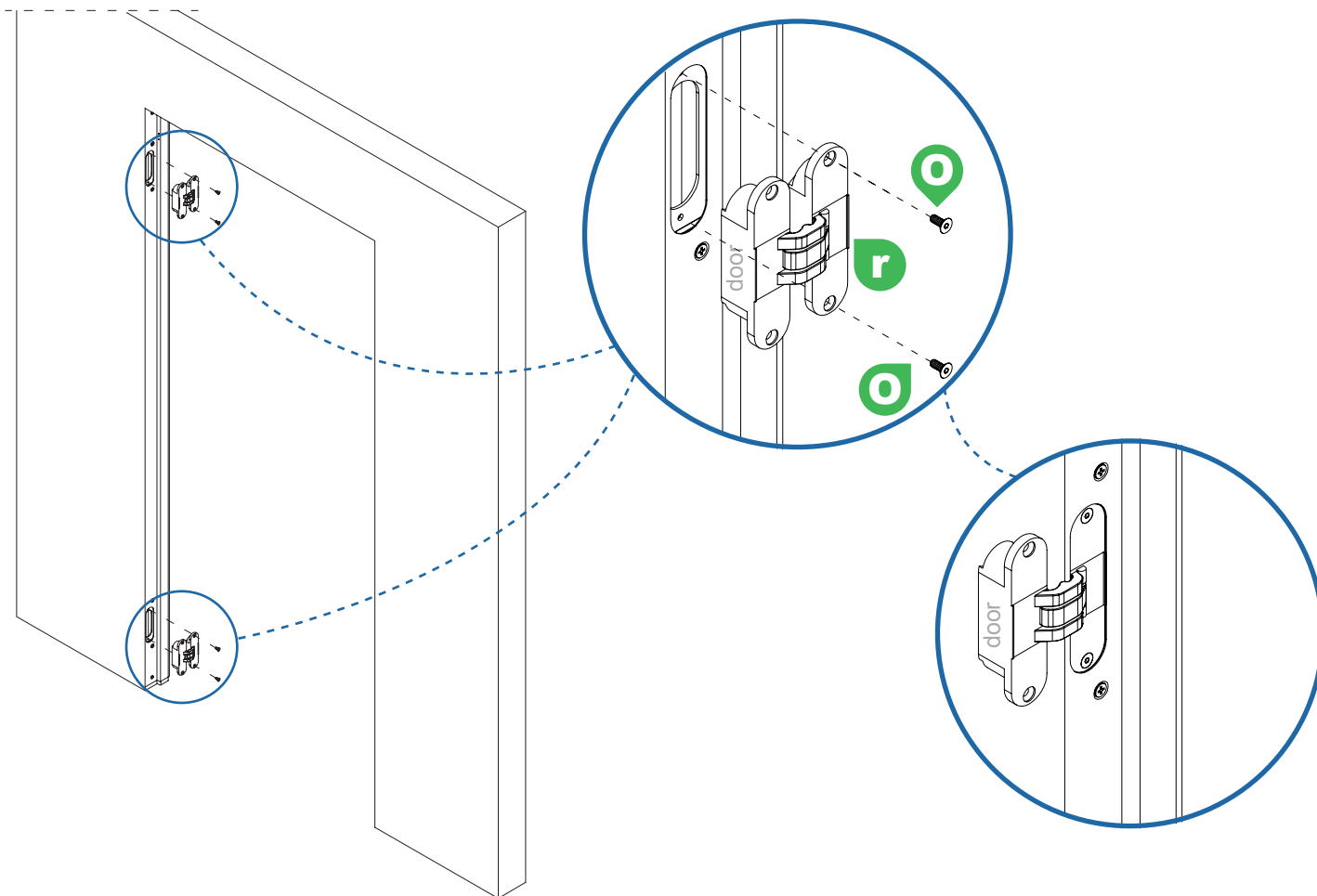
## PLASTERING AND PAINTING



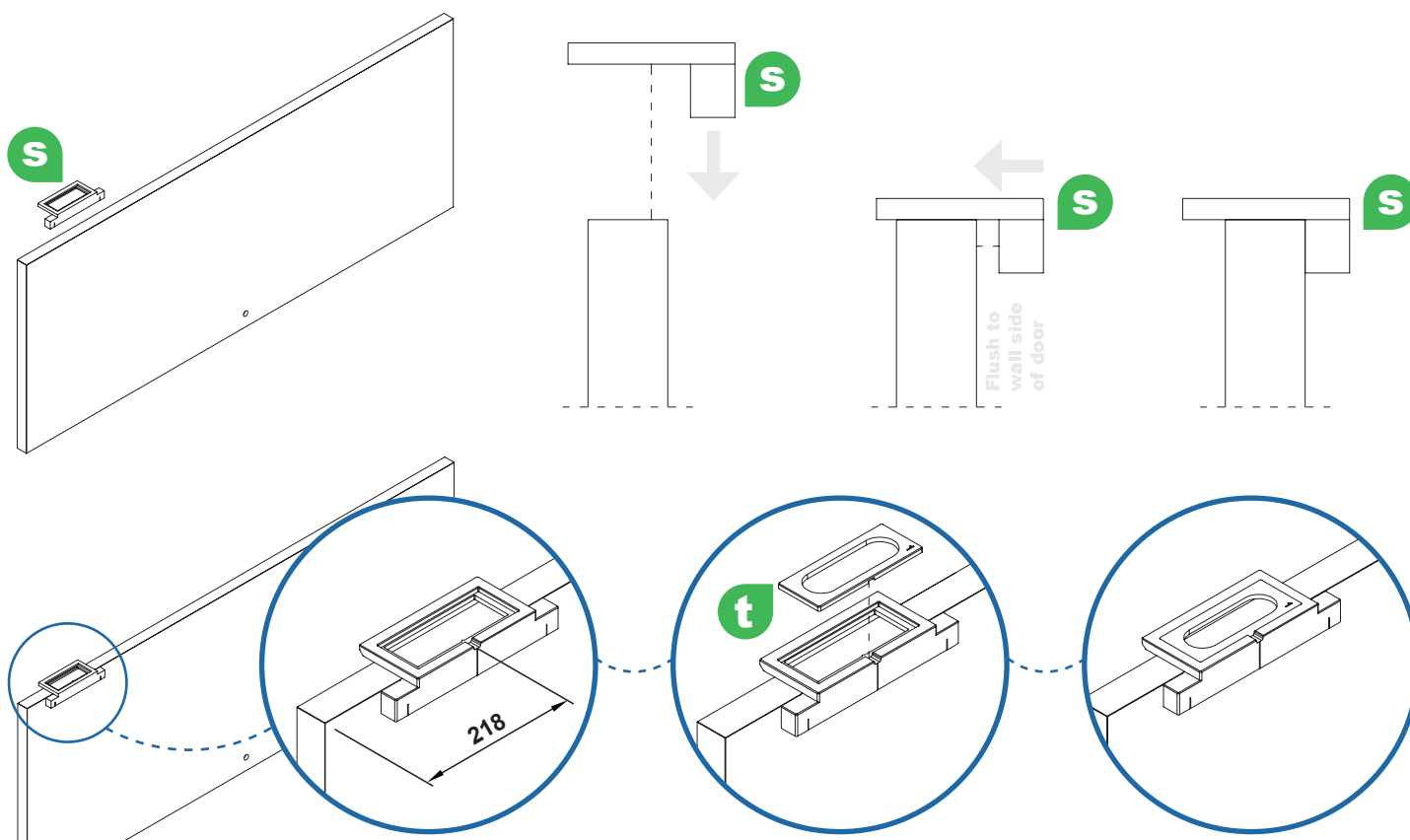
## APPLYING THE DOOR SEALS (q) TO THE FRAME



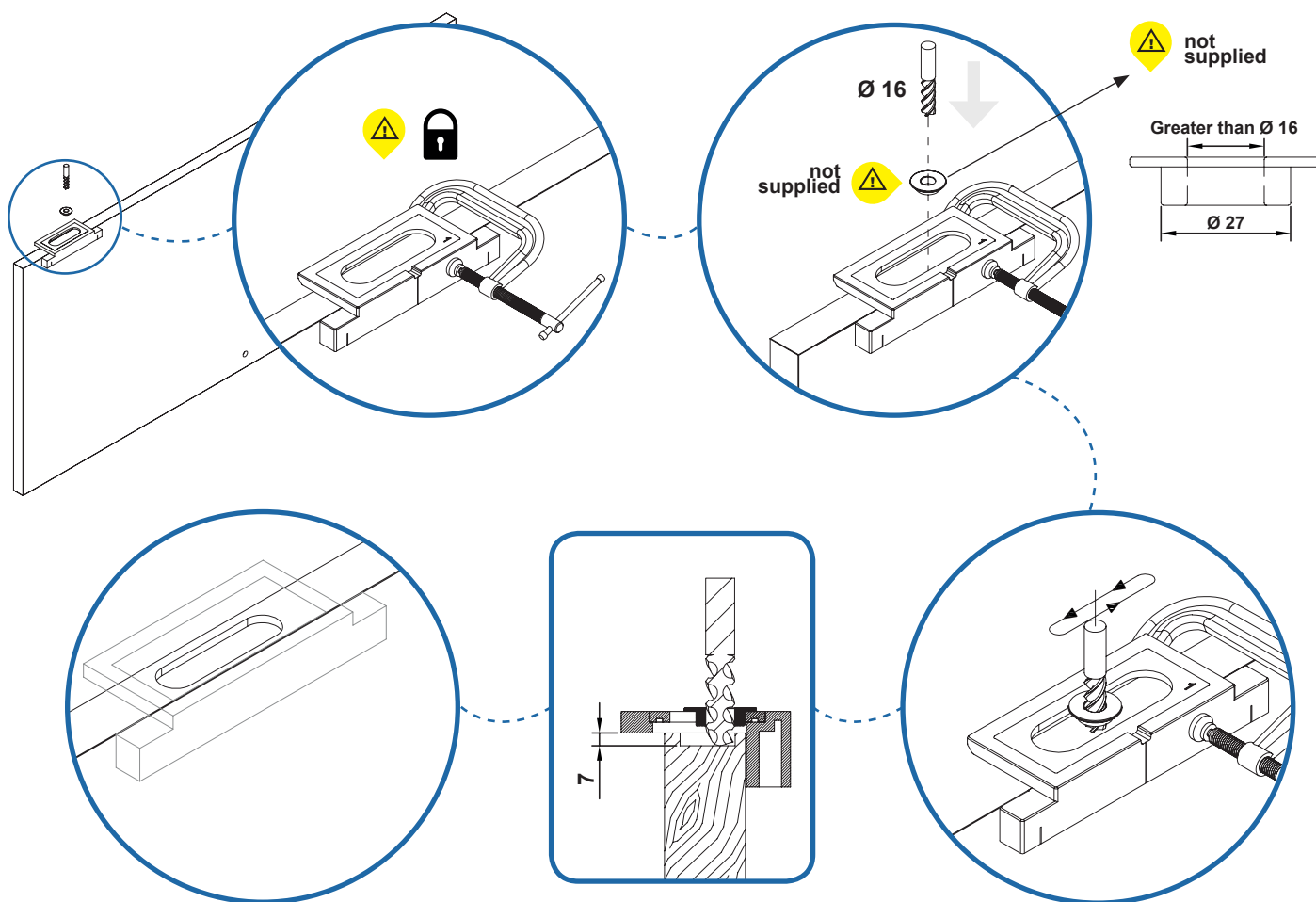
## INSTALL THE HINGES TO THE FRAME



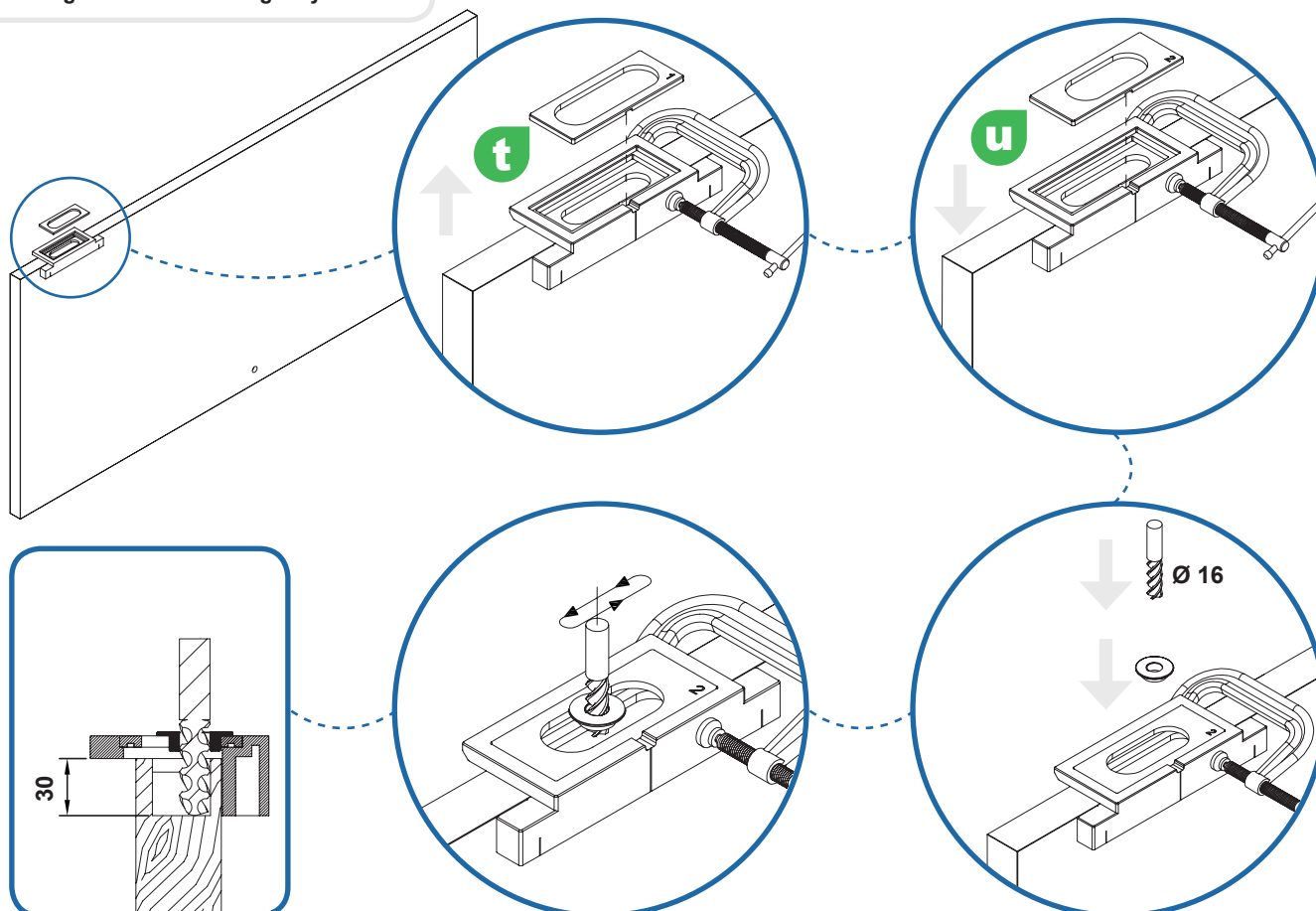
Route the door to accept the hinges using the jig (ref s, t and u) and a 16mm dia router cutter and a 27 mm template guide.



Making the **first** routing on your door

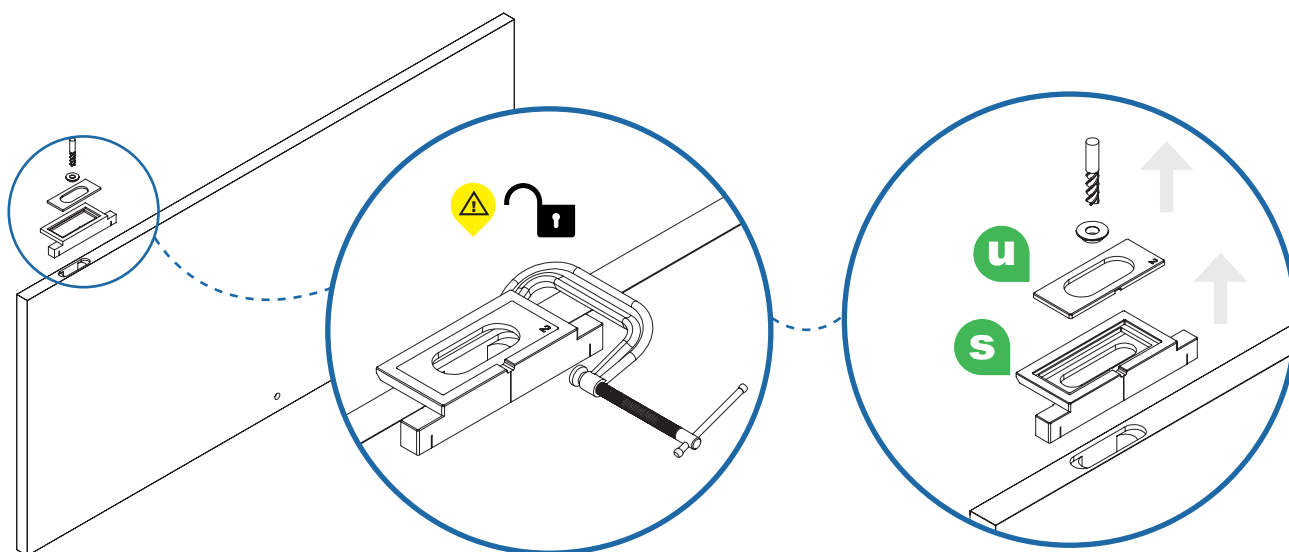


Making the **second** routing on your door

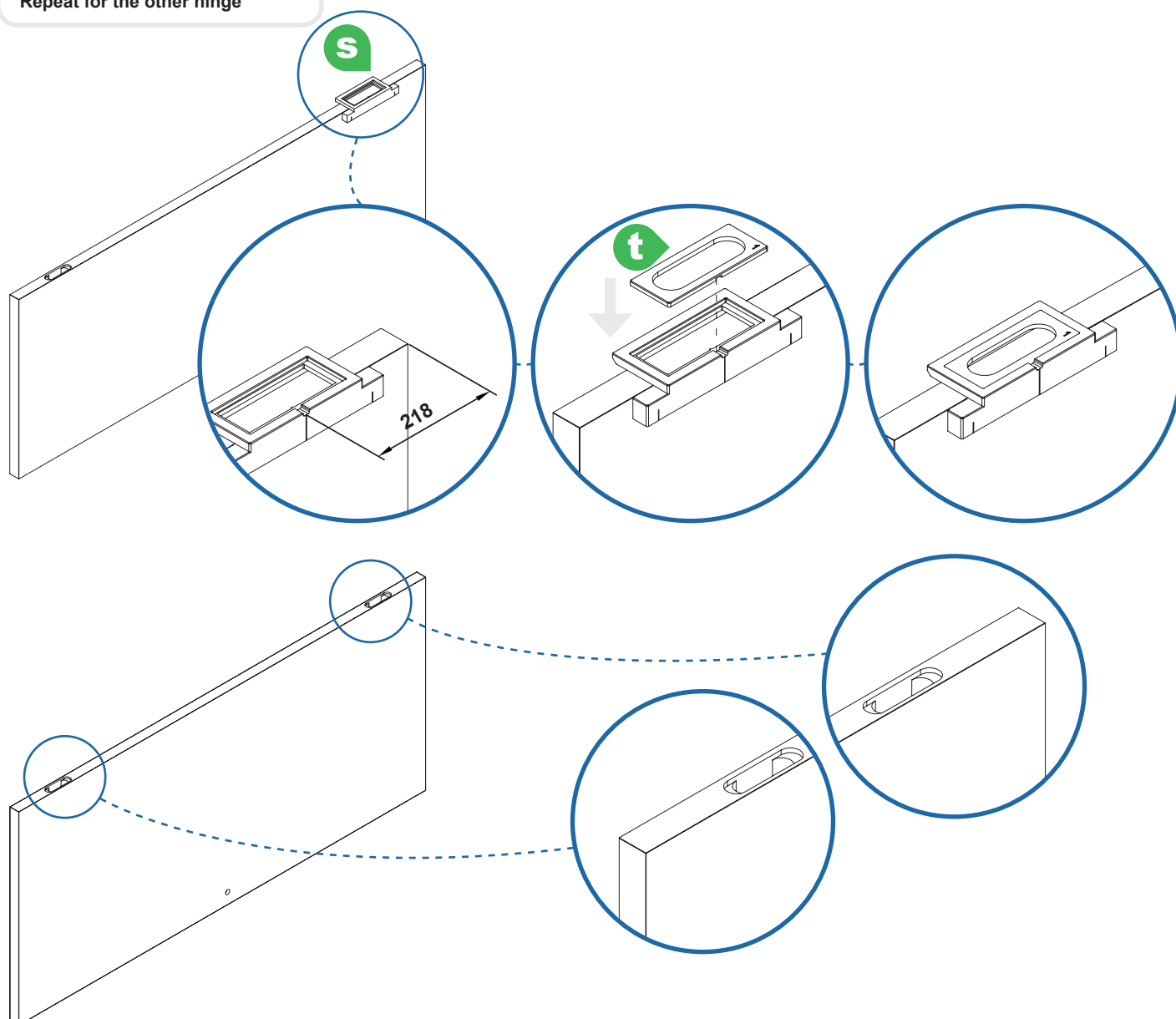




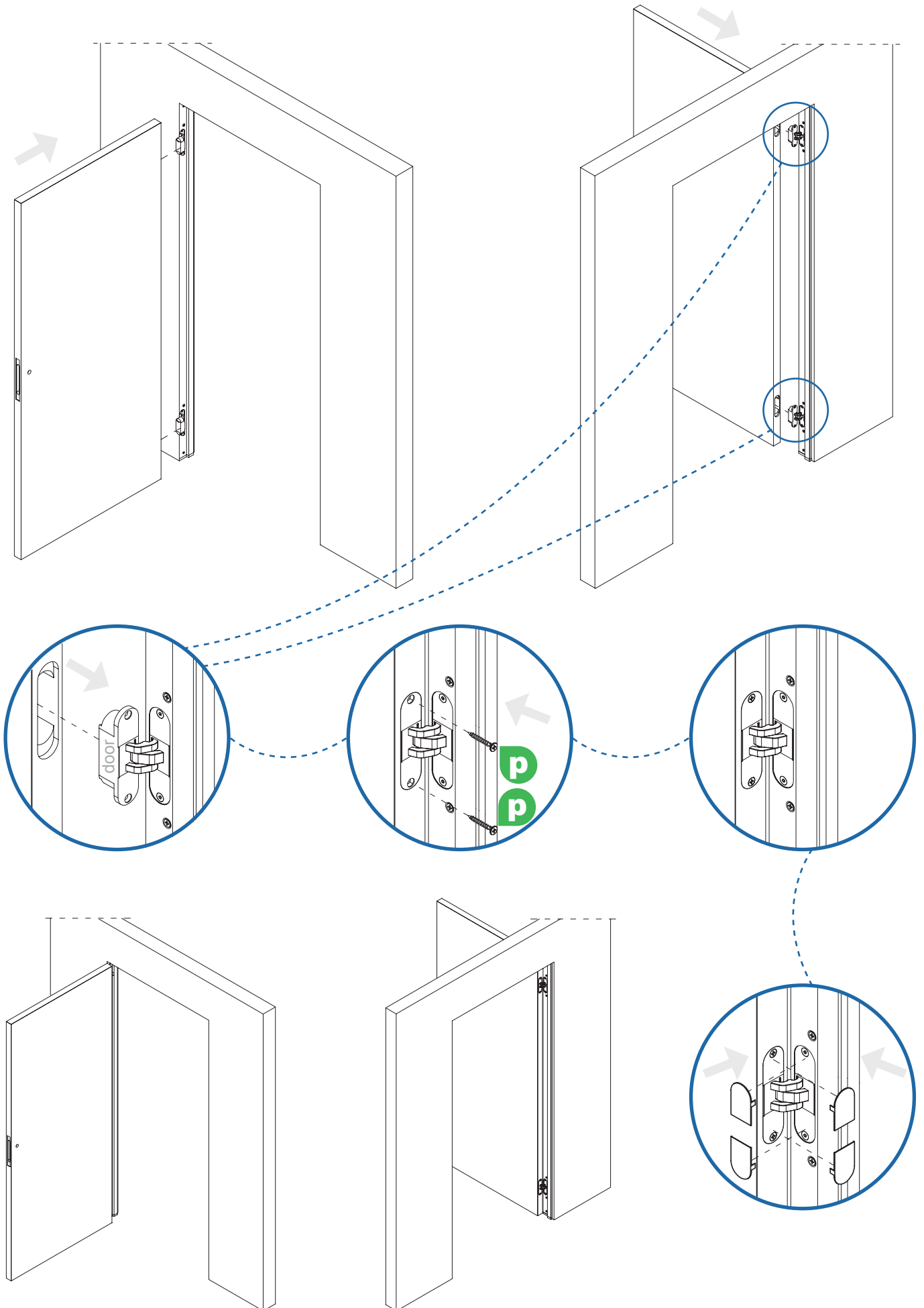
## REMOVING the jig



Repeat for the other hinge

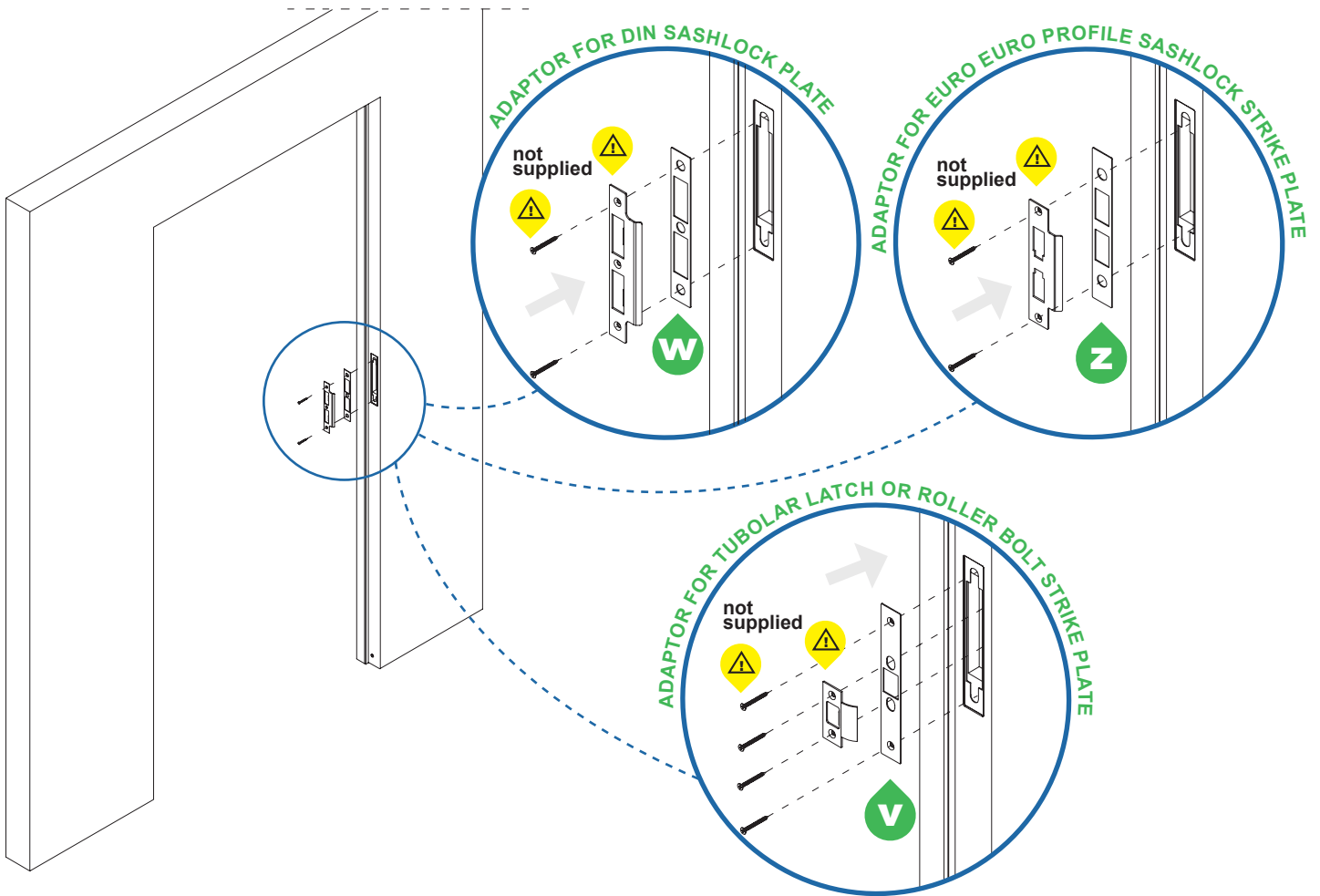


## INSTALLING THE DOOR

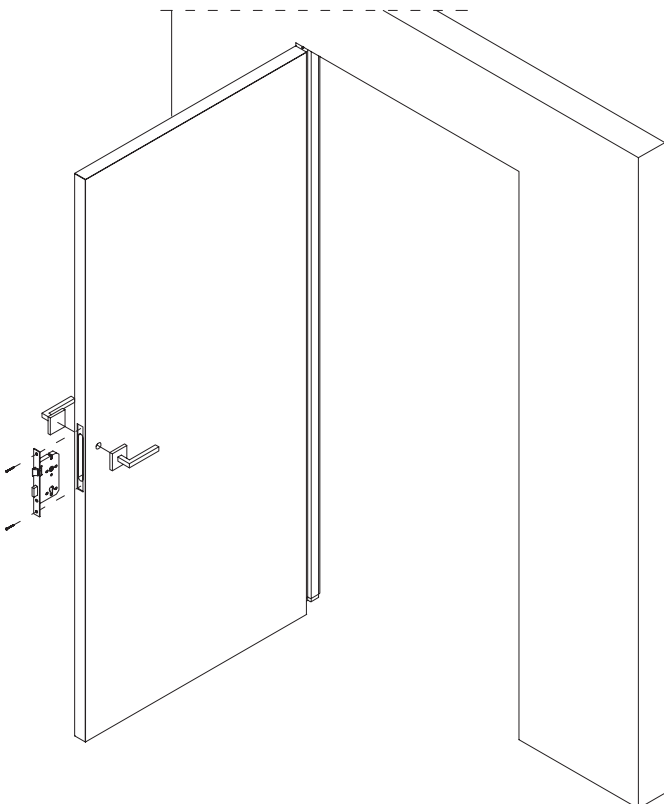


## INSTALLING THE DOOR

Use the correct strike plate adaptor for your strike plate, either "v", "w" or "z".

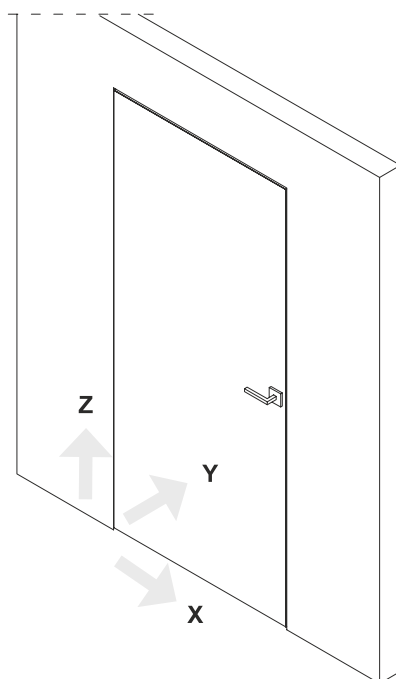


## INSTALLING YOUR LOCK AND HANDLE



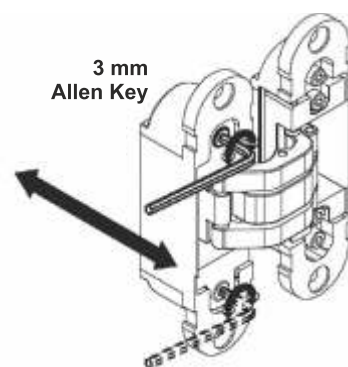
It is most important that you install your lock into the door at the exact height to suit your strike plate. **REMEMBER**, the adjustment on the hinges is there to adjust slight irregularities of the frame installation and will not compensate for any lock mis-positioning. You are responsible to ensure the lock is installed at the correct position, the adjustable hinges are there only to adjust the door panel relative to the frame.

## ADJUSTING THE HINGES



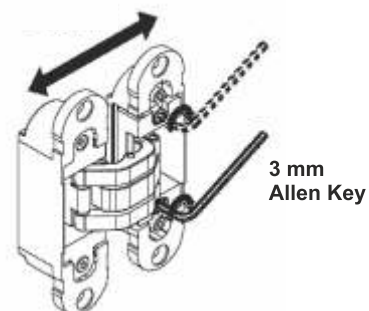
Adjusting the X axis - door panel right/left

**X**  $\pm 1$  mm



Adjusting the Y axis - door panel in/out

**Y**  $\pm 1$  mm



Adjusting the Z axis - door panel up/down

**Z**  $\pm 2$  mm

