

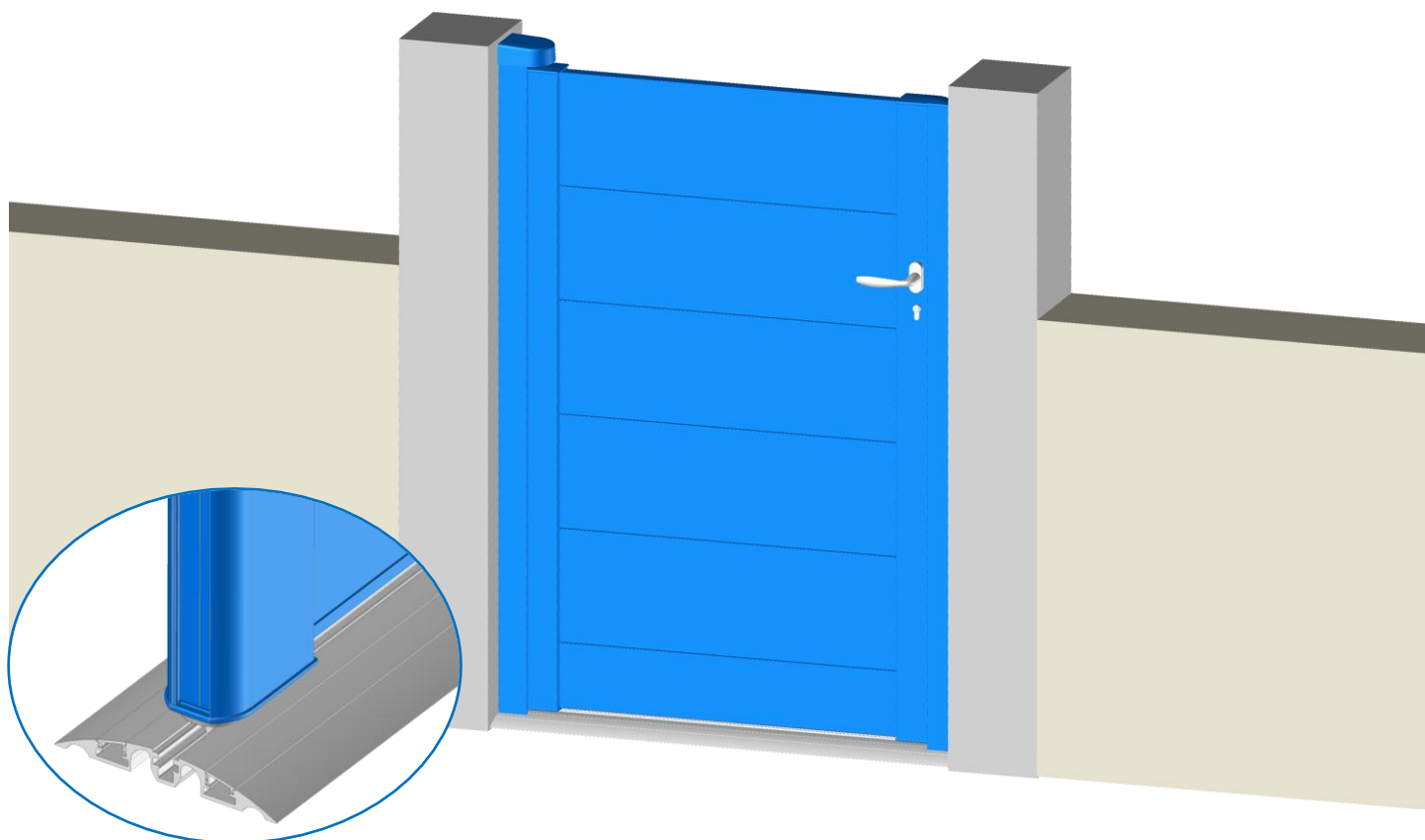
## INSTALLATION

Wicket door or 1 leaf gate

**CREATIV range**



**Between-walls  
with threshold**



(For installers use only)

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# Installation instructions



**CAUTION !**



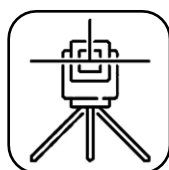
**To ensure that this product is well assembled, used and maintained in complete safety, it is important to follow the instructions provided in this document.**

**For everyone's safety, please adhere to the precautionary measures below.**

- Before beginning the assembly, read this manual carefully.
- This product must be installed by a professional.
- All the parts delivered are specifically sized for this product.  
Adding and/or using other parts may be detrimental to safety and may affect the product's warranty.
- Any modification or improvement of this closure must be compliant with the standard BS EN 13241:2003+A2:2016.  
In this case, a " Modification/Transformation " file must be created by the installer as per the standard BS EN 12635:2002+A1:2008 annex C.
- Carry out work in accordance with the safety instructions.  
Use the appropriate tools to install this product.  
Ensure that all work is carried out on a stable ground.
- Ensure that the assembly area is adequately clear, clean and clearly marked out.
- Ensure that no other people are present at the assembly site apart from the installers.  
Indeed, non-authorized persons such as children, who are present at the site risk injury during assembly.
- All the components of this closure must be installed in compliance with the installation instructions provided in this manual.
- All the requirements of the standards BS EN 13241:2003+A2:2016 must be met and verified, if necessary.

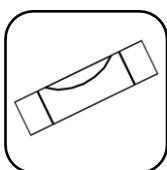
## Before installation

### List of tools



Laser level

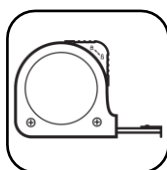
or



Spirit level



Plumb bob



Tape measure



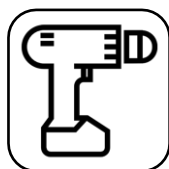
Pencil



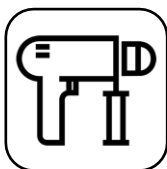
Utility knife



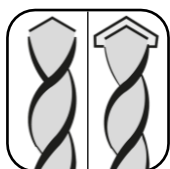
Cordex



Screwdriver  
with bits



Perforator



Steel/Concrete  
drills



Allen keys



Flat wrenches



Phillips  
screwdriver



Adjustable  
pliers



Mallet



Hammer



Hacksaw



Grinder



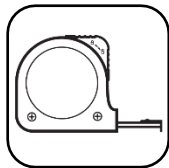
Mason's rule



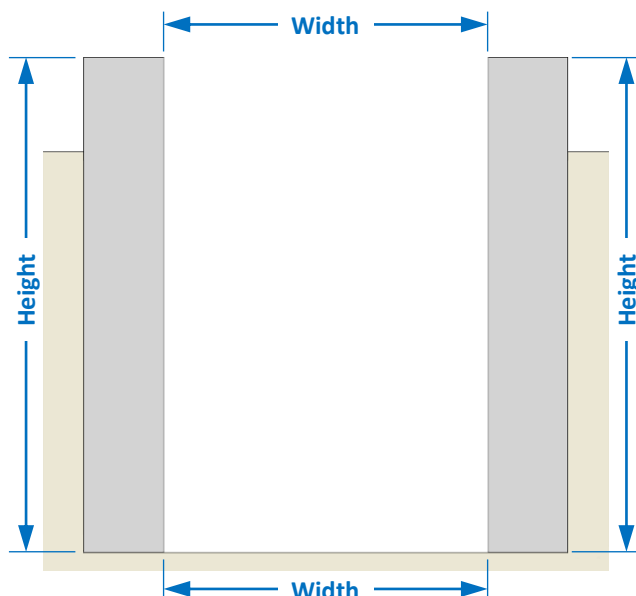
Long spout

Screws  
and dowels  
adapted to  
the supports.

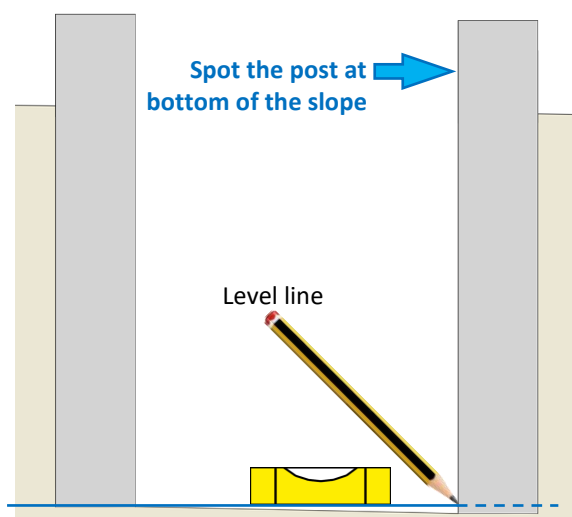
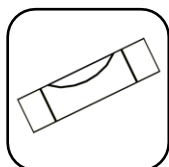
## Check worksite dimensions



- Check the widths between posts.
- Check the heights of posts under hat.

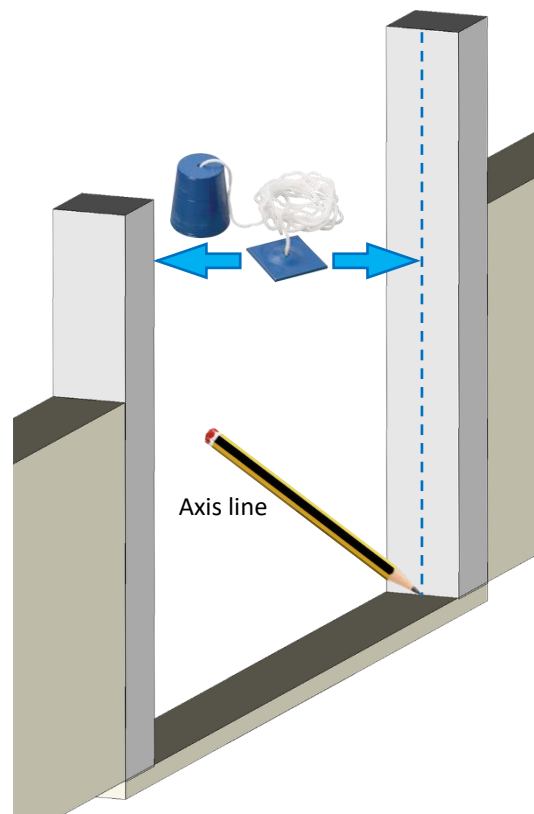


## Check level 0, plumb and posts alignment



### If posts are not aligned:

Use a plumb bob, trace the center line onto the posts so that they are aligned.

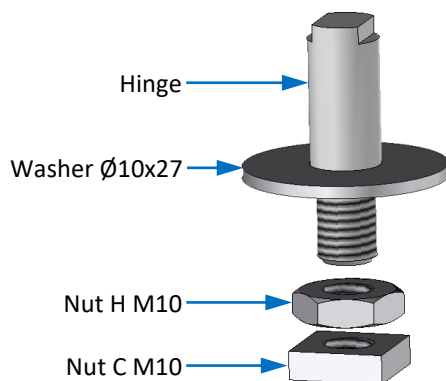


# Installation

## **IMPORTANT, before the installation:**

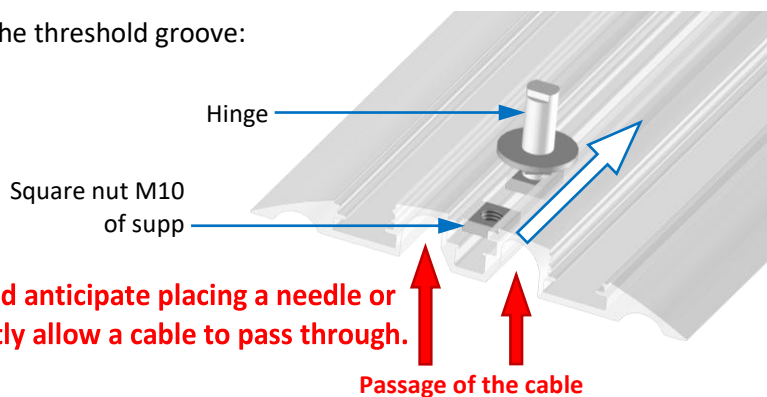
Check worksite dimensions, level 0, plumb and posts alignment;  
detailed in the previous chapters.

### Assemble the hinge



### Prepare and install the threshold

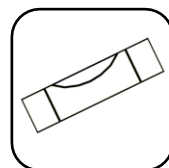
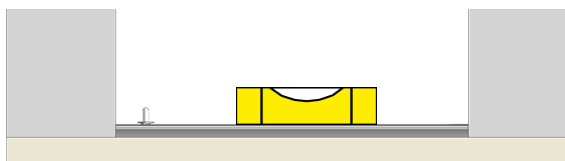
1. Insert the assembled hinge and the square nut into the threshold groove:



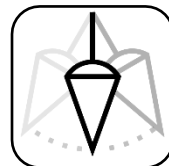
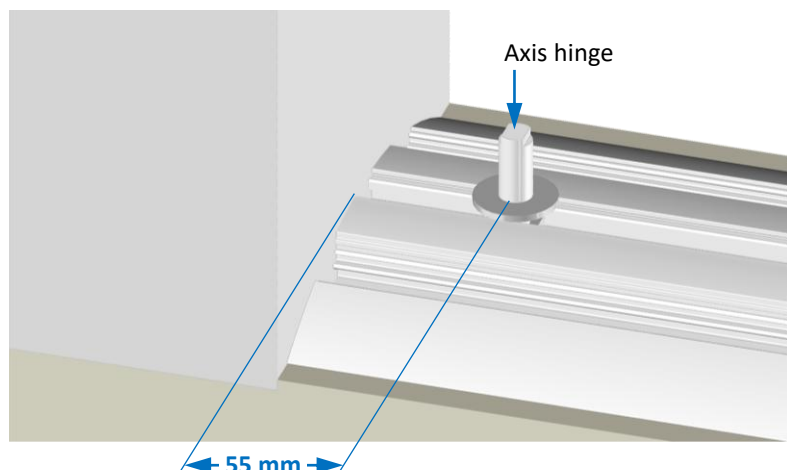
**Before installing the threshold on the ground anticipate placing a needle or a sheath in the cable passage to subsequently allow a cable to pass through.**

**Note:** If motorized leaf, drill a hole in the post to pass the cables before fixing the threshold.

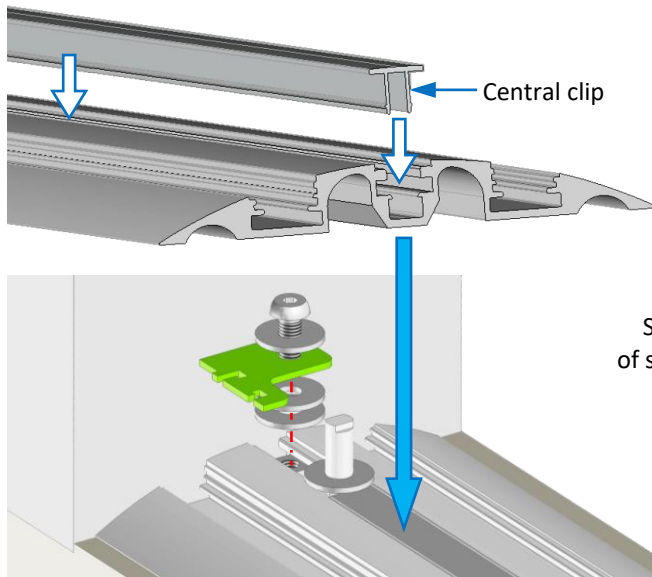
2. Level the threshold between the posts.  
Then, fix the threshold to the ground using adapted fasteners (not provided) according to the support.



3. Adjust the position of the axis of the hinge with respect to the aplomb of the post:



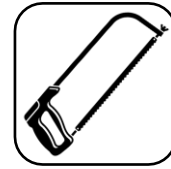
4. Cut the central clip according to the position of the hinge, then clip it.  
Screw the support of the side cover onto the square nut.



Respect the direction of the support.

Support of side cover

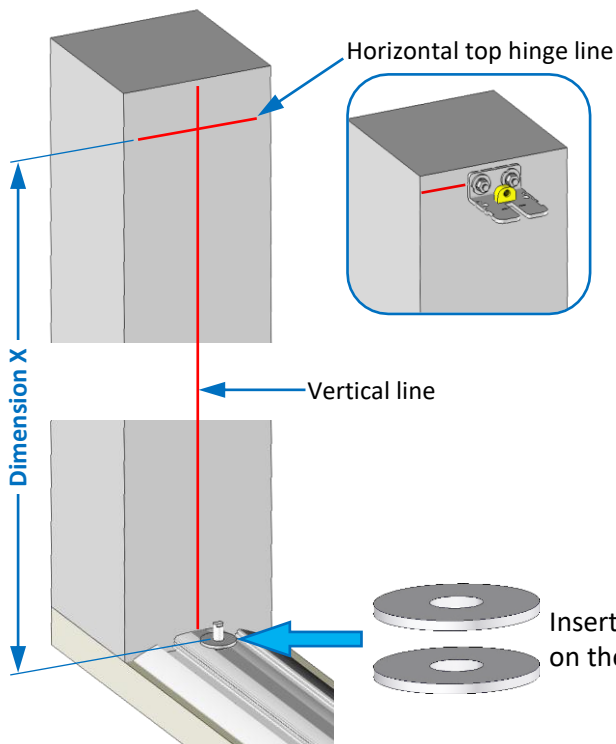
Side opposite to the opening



## Position the holes for the bracket of the top hinge

1. Calculate the **Dimension X**, draw a horizontal line at the top of the post.

**Dimension X** = Height between the drilling axis of the top hinge bracket and the top of the washers on the bottom hinge.

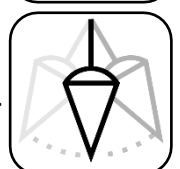
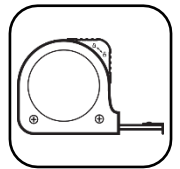
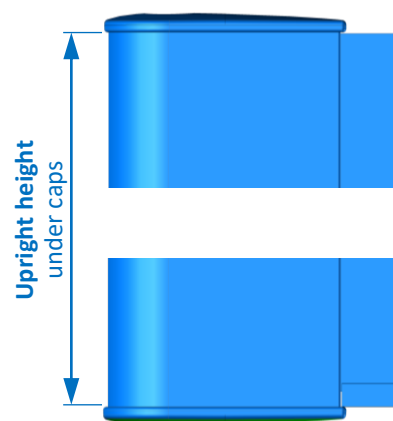


Calculation of the X dimension  
=  $HD + 7 \text{ mm}$ .

Definition of HD on the order:

Ground height to the top of the last slat of the gate  
OR less accurate:

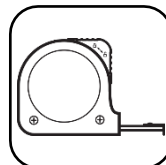
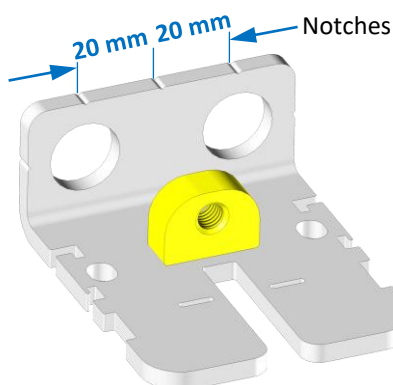
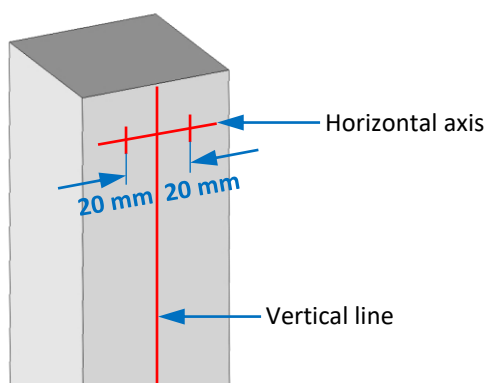
**Dimension X** = Height of upright under caps + 49 mm.



2. Draw a vertical line in alignment with the axis of the bottom hinge.

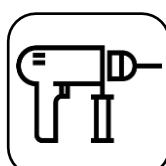
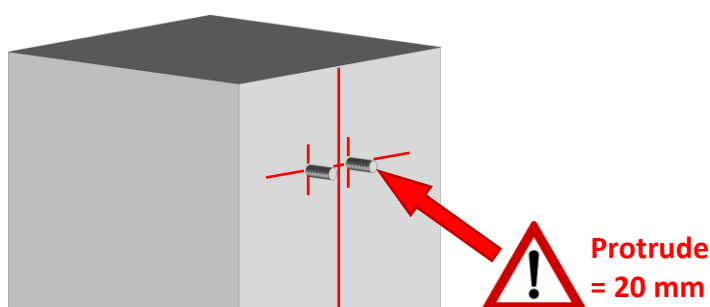
3. Draw the drilling positions of the top hinge bracket, by making 1 mark on each side of the vertical line previously performed, along the horizontal axis.

**Note:** The notches on the hinge bracket can be used to determine its position.



4. Drill the post and install fasteners (studs or threaded rods not provided) adapted to the support.

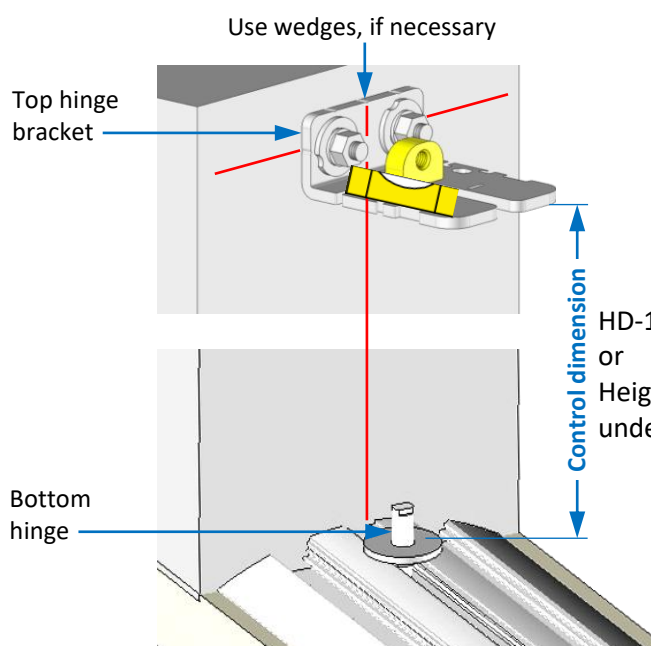
**Note:** Recommended fastenings M8.



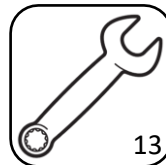
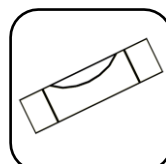
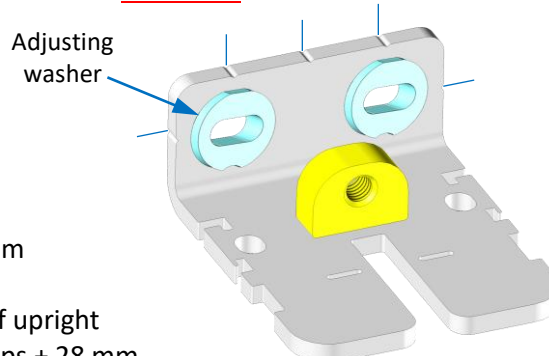
## Fix the top hinge bracket

Position the top hinge bracket onto the studs, level and align vertically with the bottom hinge.

**Note:** Use eccentric adjustment washers and notches on the bracket. Then, bolt the bracket with washers and nuts (not provided).



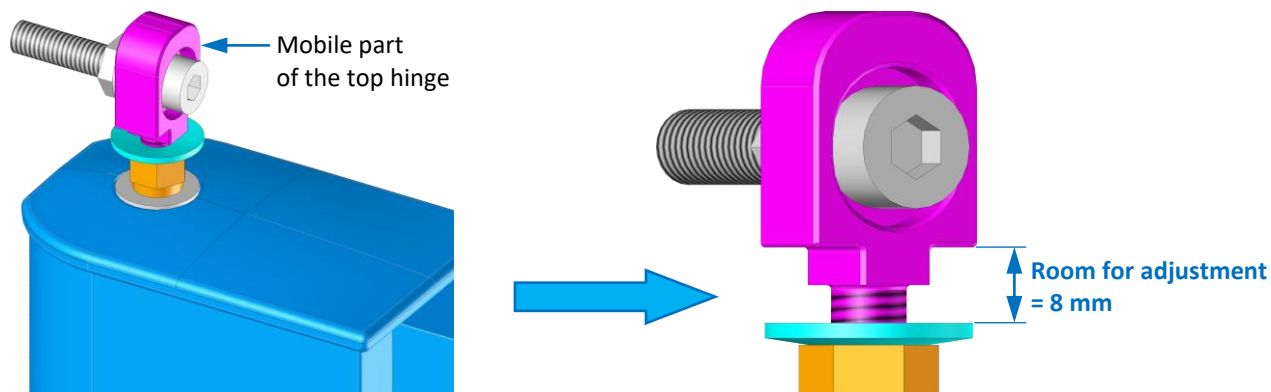
**Reminder:** Notches of the bracket



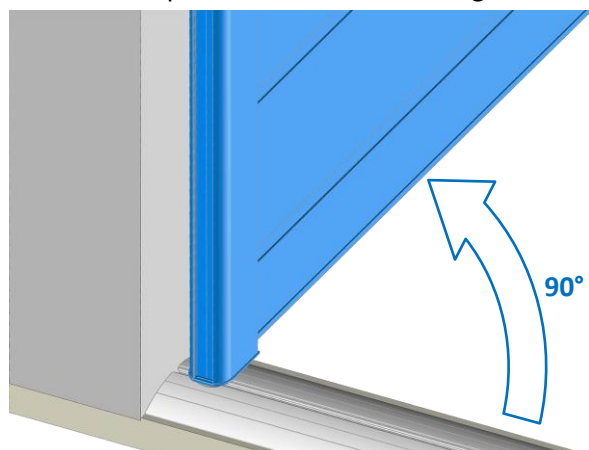


## Install the wicket door or 1 leaf gate

1. Mount the mobile part of the top hinge on the wicket door or 1 leaf gate upright, leaving some room for adjustment:



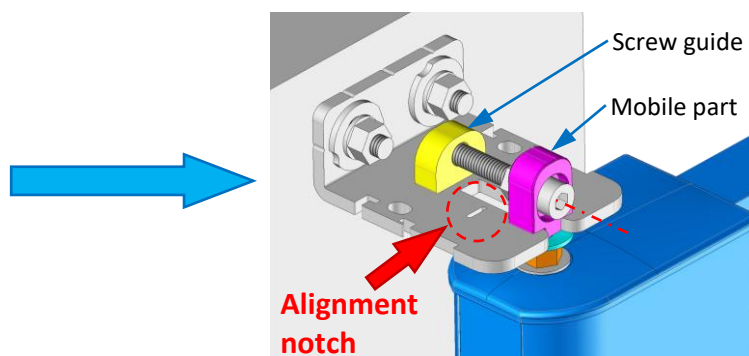
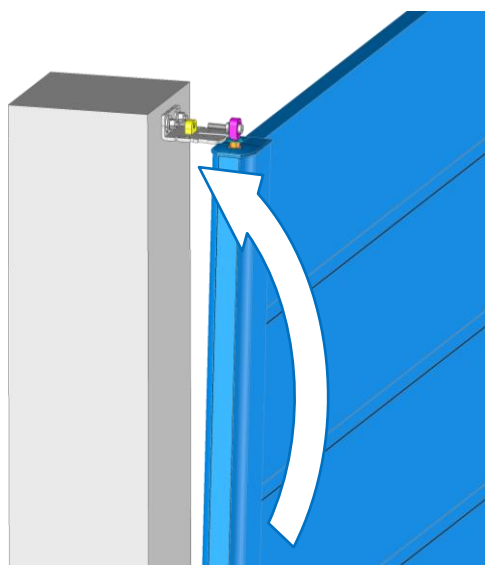
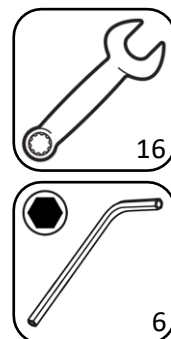
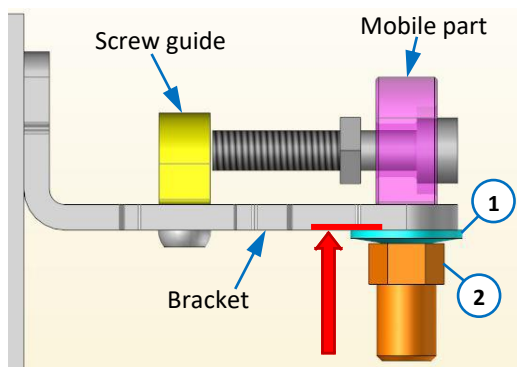
2. Present the open wicket door or 1 leaf gate on the axis of the bottom hinge:



3. Tilt the wicket door or 1 leaf gate towards the post then screw the mobile part of the top hinge into the screw guide, until the washer aligns with the mark on the bracket.

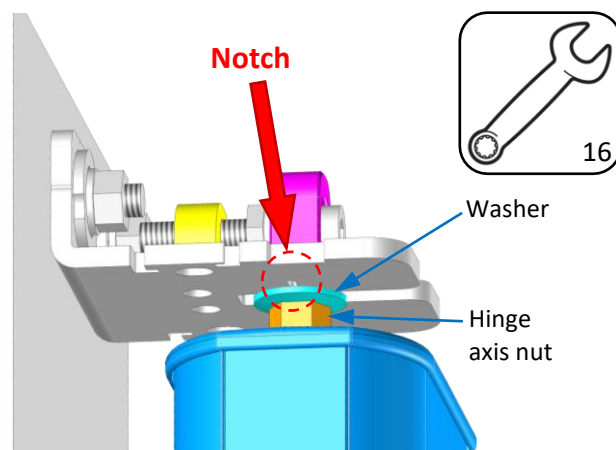
### IMPORTANT:

- To screw the mobile part **smoothly**, position **the washer 1** and **nut 2** in contact under the bracket.



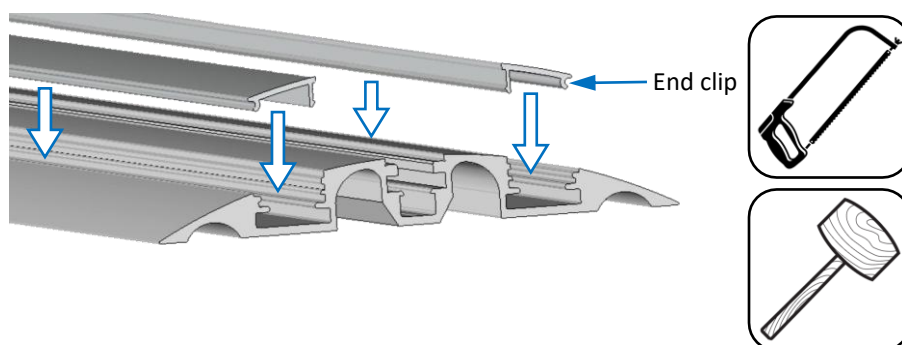


- Lock the mobile part by tightening the nut of the hinge shaft under the washer.



## Install the end clips

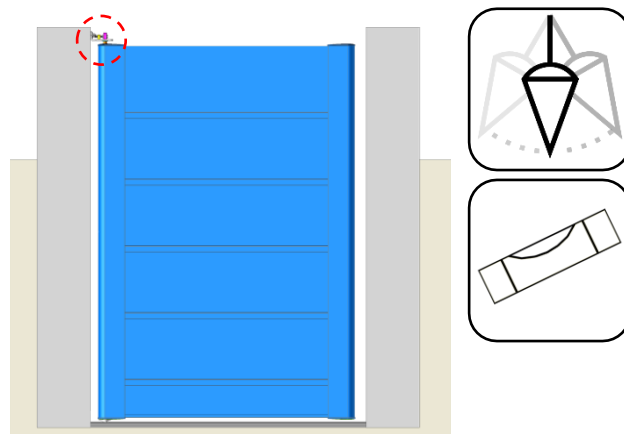
If necessary, cut the end clips and clip them.



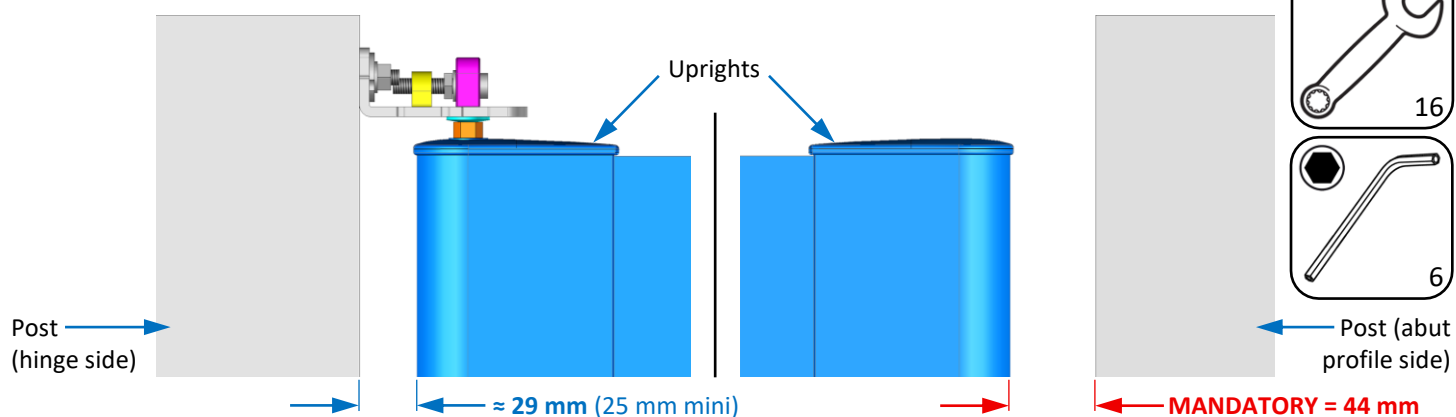
## Completions

### Adjusting the wicket door or 1 leaf gate

Move the bracket of the top hinge, while checking the plumb and alignment of the wicket door or 1 leaf gate, settle the following points:

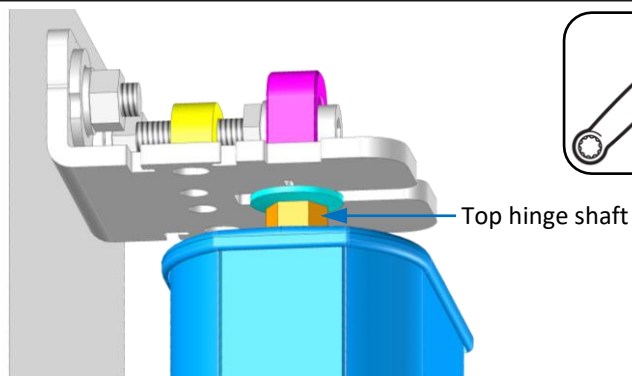


- Respect the gap between uprights and posts:



2. When adjusted, lock the position of the wicket door or 1 leaf gate, by tightening the "Top hinge shaft".

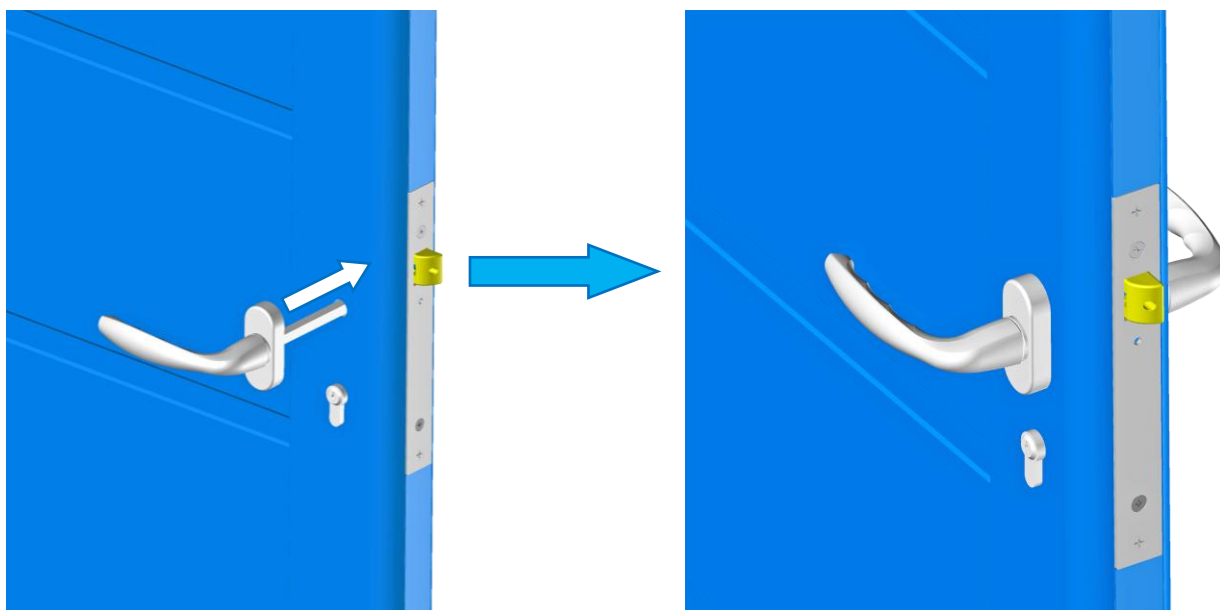
**Tightening torque = 20 N.m.**



### OPTION: Intall the handles

Install the handles with the square shaft (provided in the accessory box).

**Note:** Refer to the assembly instructions, available in the box containing the handle.

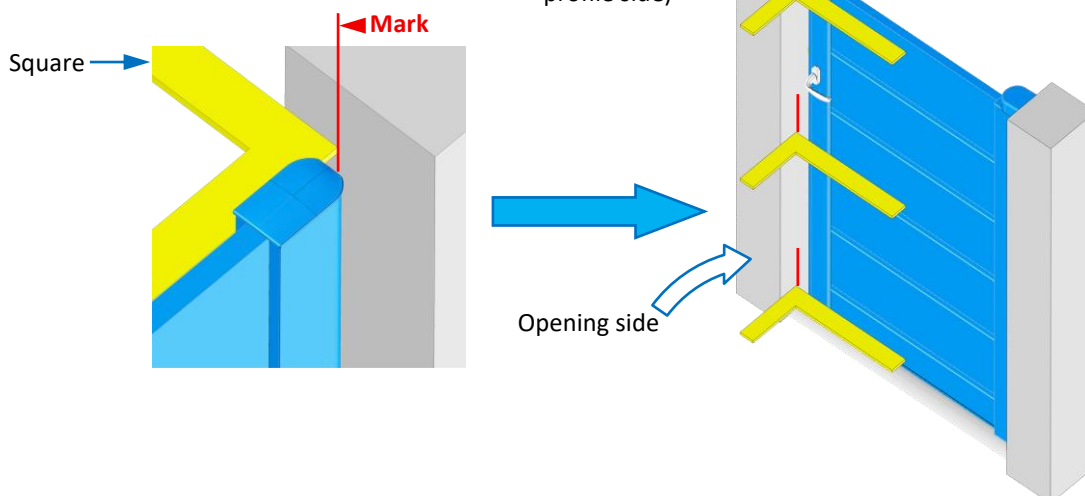


### OPTION: Install the electric strike

→ Refer to the instructions for the **electric strike**, delivered in the accessory box.

## Install the abut profile

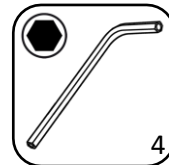
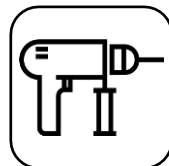
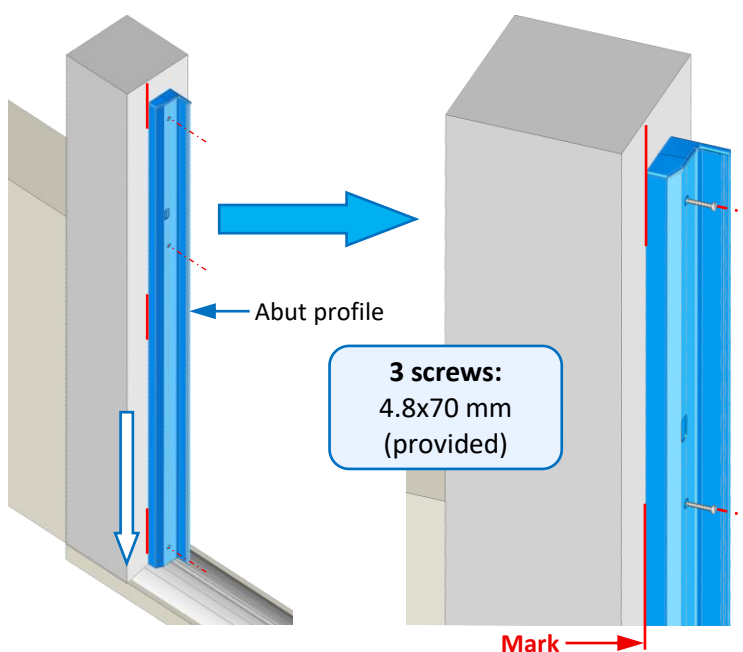
1. Closed wicket door or 1 leaf gate, make 3 marks using a set of squares on the post opening side, see figure more below.



2. Open the wicket door or 1 leaf gate, position abut profile on the threshold, aligned with the markings and mark the drillings.

3. Drill the post  $\varnothing 8$  mm, depth 70 mm mini.

4. Insert the dowels  $\varnothing 8$  mm (provided) in the post and fix the abut profile.

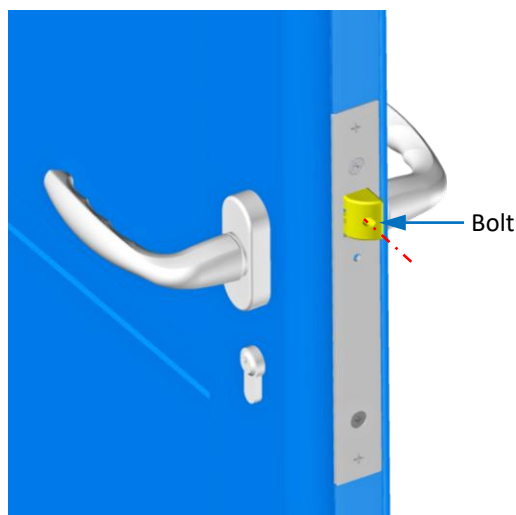
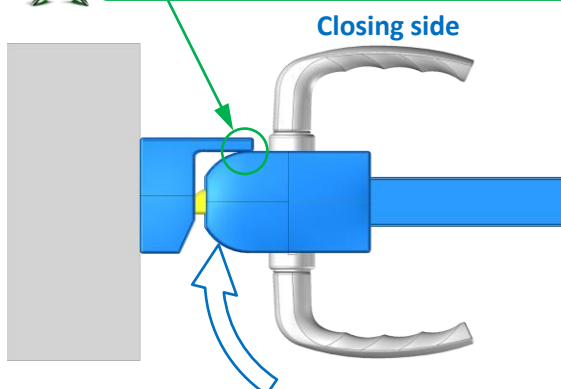


5. Close the wicket door or 1 leaf gate and test the bolt.

**Note:** Depending on the opening direction, turn the bolt accordingly (possibility to adjust it in depth).



If the seal of the abut profile is resting on the cap, cut it to facilitate the bolt to close.

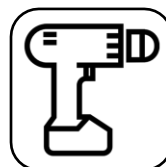


## OPTION: If 1 leaf gate, install the motorization reinforcement plate

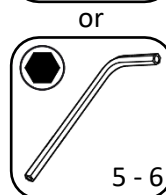
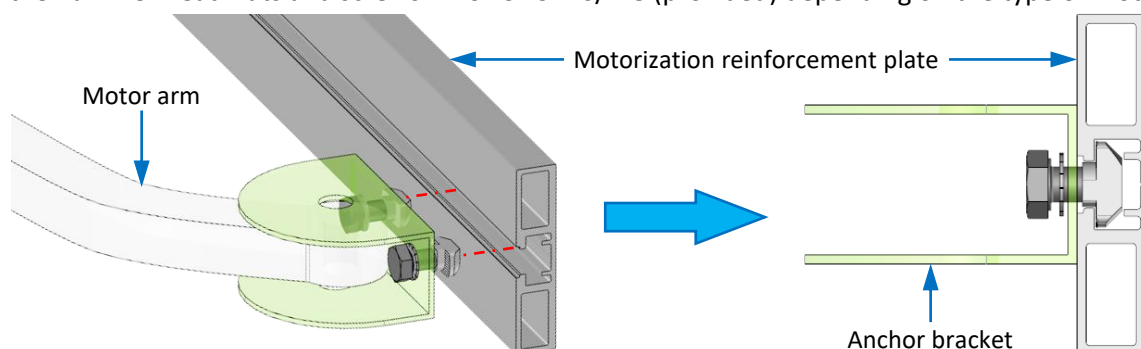
1. Depending on the height of the motor arm, fix the motorization reinforcement plate on the leaf using the self-drilling SR2 4.2x16 screws.

**Tightening torque = 2 N.m.**

Motorization reinforcement plate

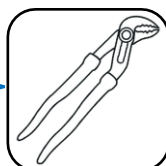
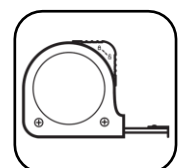
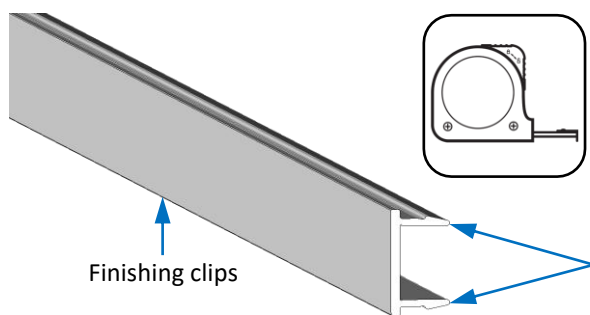


2. Screw the motor arm into the motorization reinforcement plate using the fan type washers and the hammer head nuts and screws TH or CHC M6/M8 (provided) depending on the type of motor.



3. After adjusting the arm, measure the finishing clips. Cut them to measure, then clip them onto the reinforcement of each side of the anchor bracket.

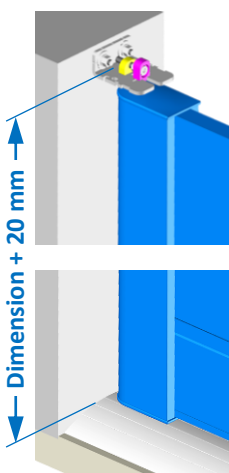
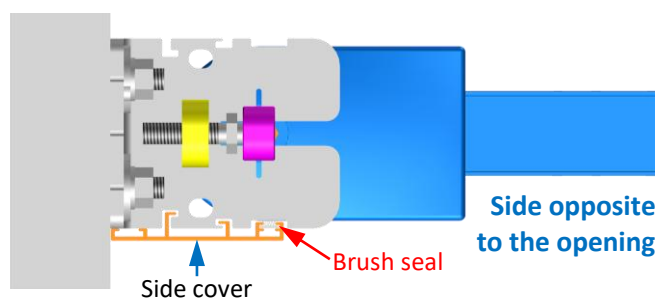
**Note:** If the grip is a bit weak, slightly deform the clip tabs accordingly.



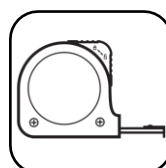
## Install the side cover

**Information:** Side covers are to be installed on the opposite side of the opening.

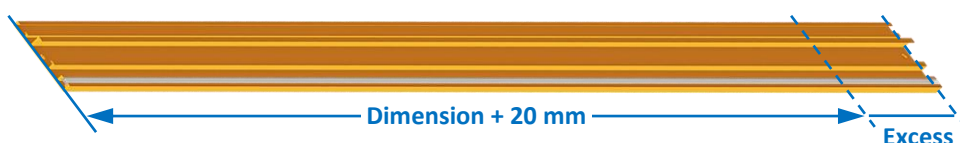
**Note:** An overlength of the side cover is planned to adjust it to the height of the top hinge.



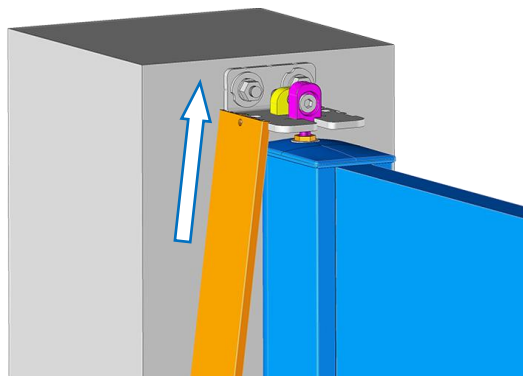
1. On the post, measure the height between the threshold and the top of the bracket plate + Add 20 mm.



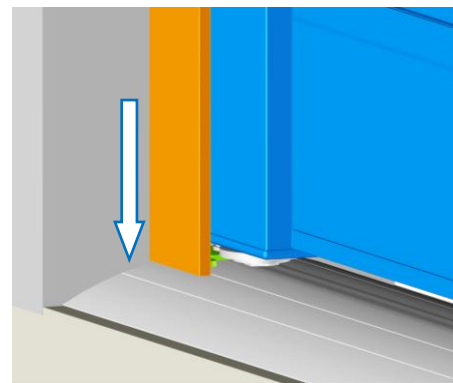
2. Report this dimension on the side cover and cut the excess with its seal.



3. Slide the cover into the grooves of the bracket and support, up to the threshold.

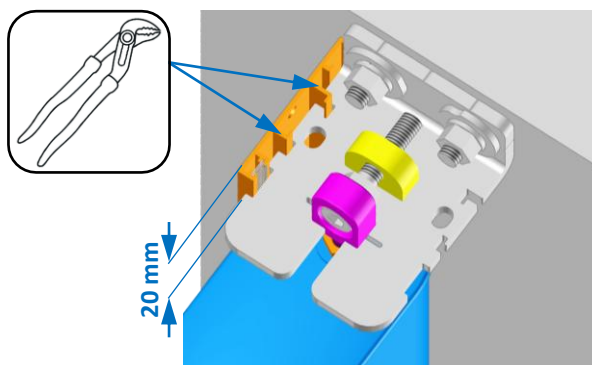


Step 1



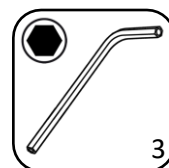
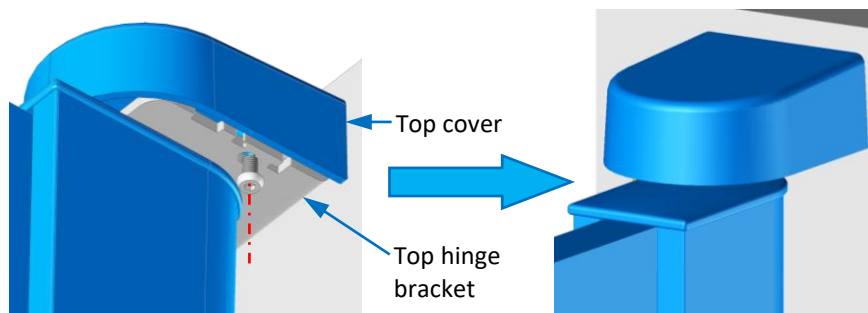
Step 2

4. When it is in place, lock it by slightly distorting the profile.



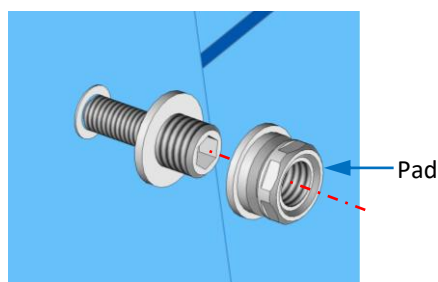
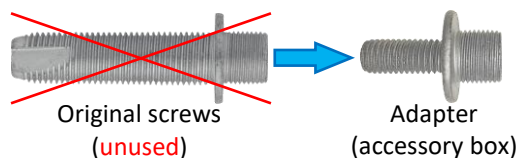
### Fix the top cover

Screw the top cover on the bracket of the top hinge with a M6x10 mm supplied screw.

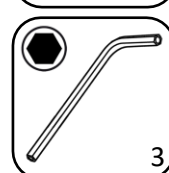
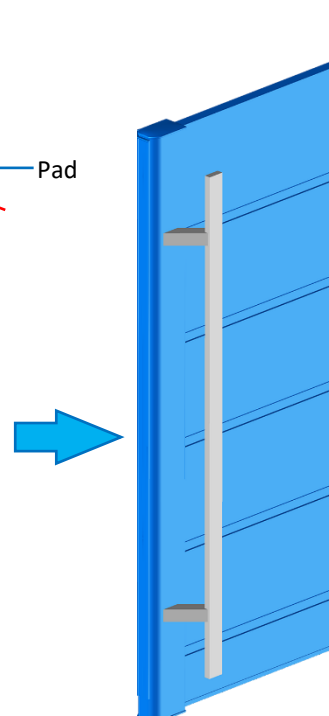


### OPTION: Install the Marshal stick handle

1. Screw the 2 adapters M8/M12 with the pads in the inserts of the upright.

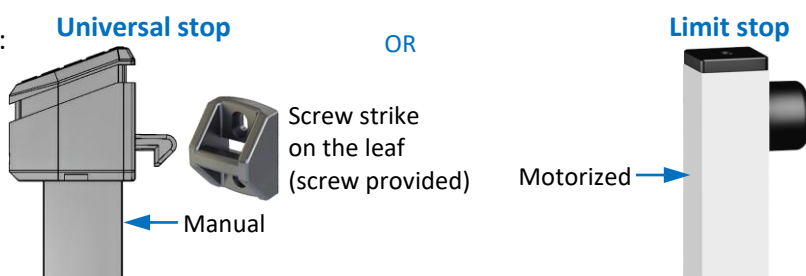


2. Present the Marshal stick handle on the 2 pads and lock it with the 2 grub screws.



## OPTION: Install the universal stop (manual wicket door or 1 leaf gate) or limit stop (motorized leaf)

1. Open wicket door or  
1 leaf gate, position :



**Note:** It must be installed as far as possible from the hinges (max. last one third of the leaf).

2. Carry out the markings on the ground.
3. Close the wicket door or 1 leaf gate.
4. Seal onto the ground the universal stop or the limit stop.

**If motorized leaf:** Refer to the installation instructions of the motor.

