

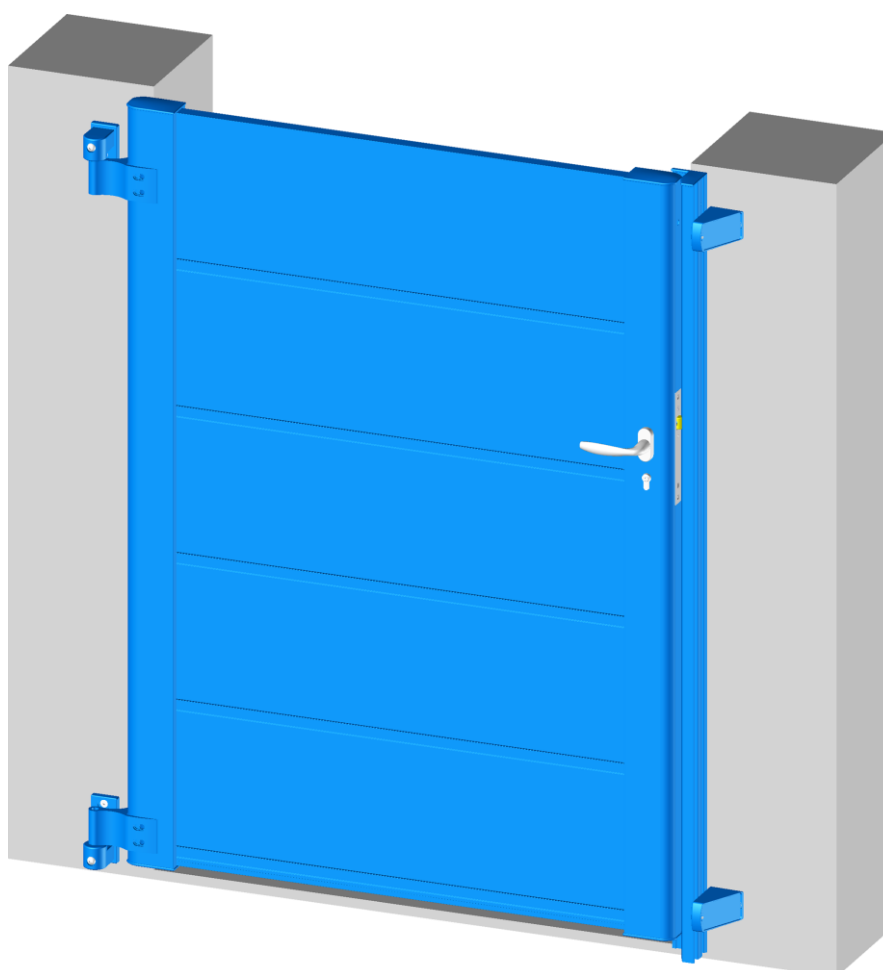
## INSTALLATION

Wicket door or 1 leaf gate

**CREATIV range**



**Invisible hinges**  
Wall-mounted



(For installers use only)

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# Installation instructions



**CAUTION !**



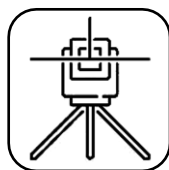
**To ensure that this product is well assembled, used and maintained in complete safety, it is important to follow the instructions provided in this document.**

**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.

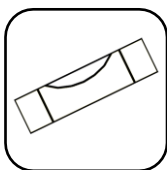
## Before installation

### List of tools



Laser level

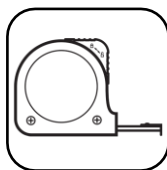
or



Spirit level



Plumb bob



Tape measure



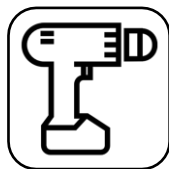
Pencil



Utility knife



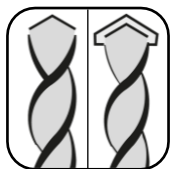
Cordex



Screwdriver  
with bits



Perforator



Steel/Concrete  
drills



Allen keys



Flat wrenches



Phillips  
screwdriver



Adjustable  
pliers



Mallet



Hammer



Hacksaw



Grinder



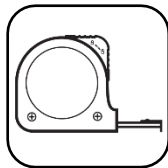
Mason's rule



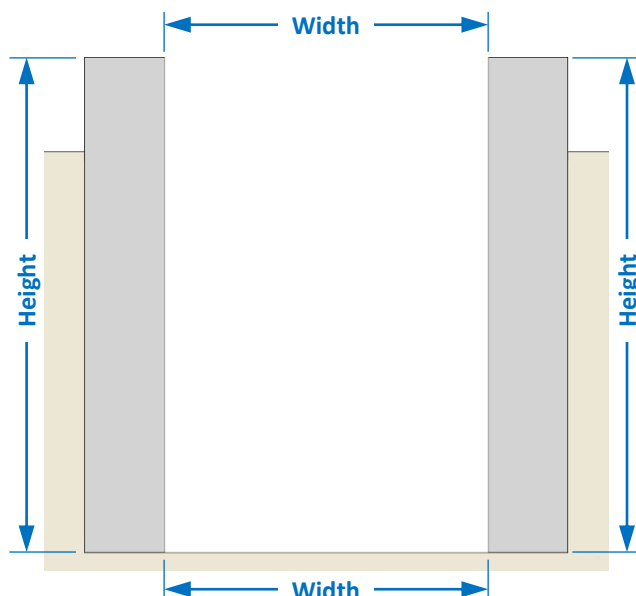
Long spout

Screws  
and dowels  
adapted to  
the supports.

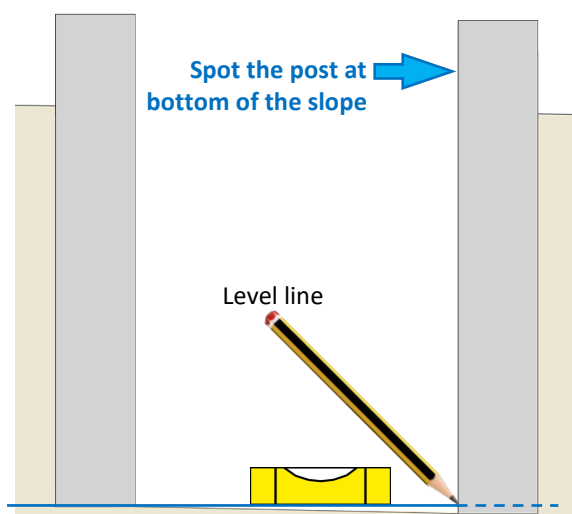
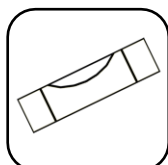
## Check worksite dimensions



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

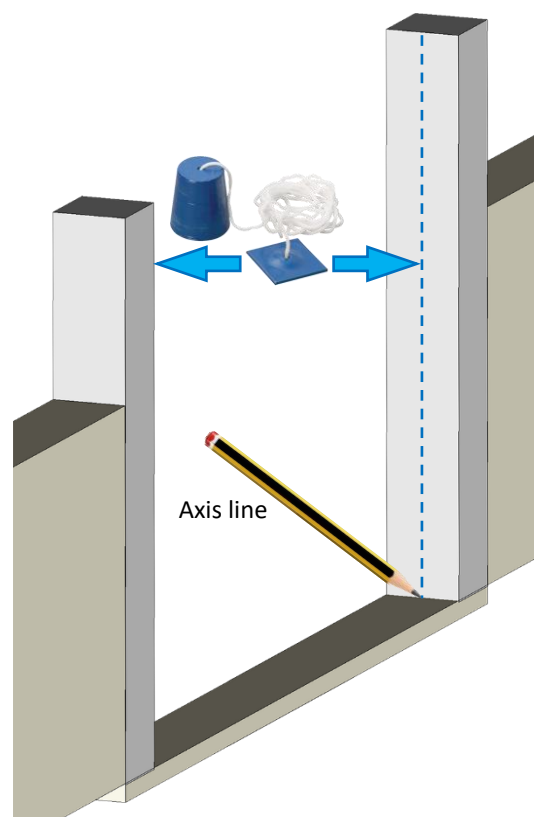


## Check level 0, plumb and posts alignment



### If posts are not aligned:

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



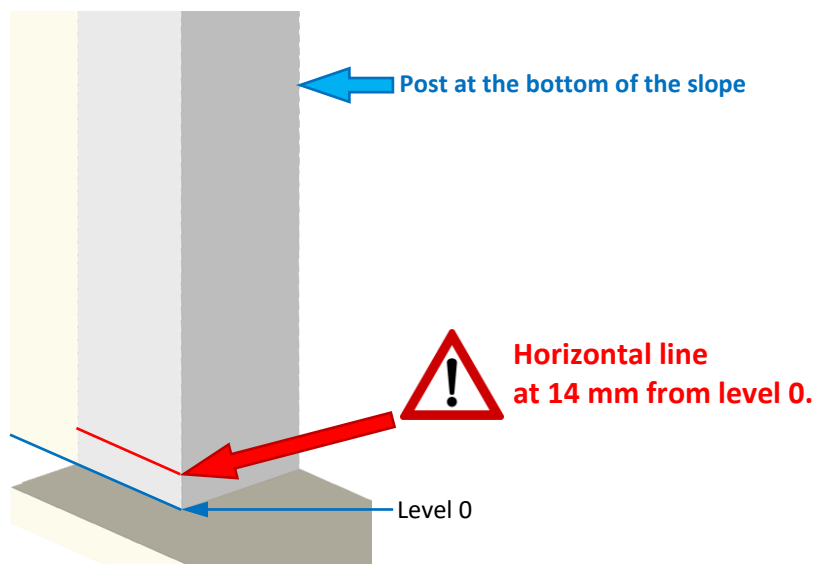
# Installation of invisible hinges

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

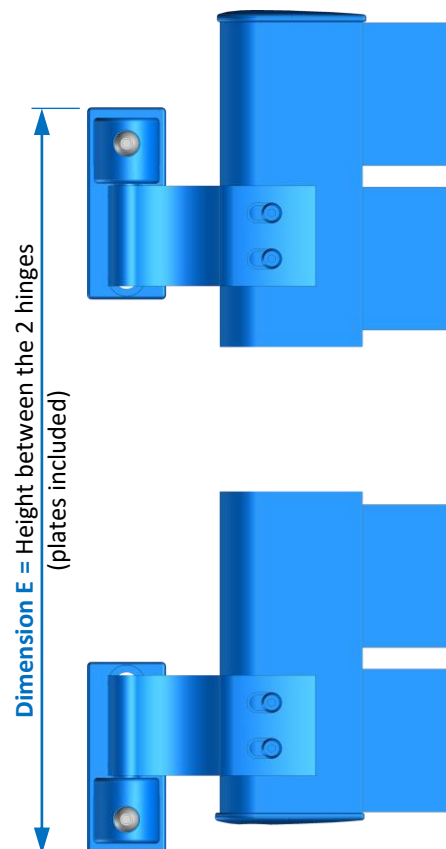
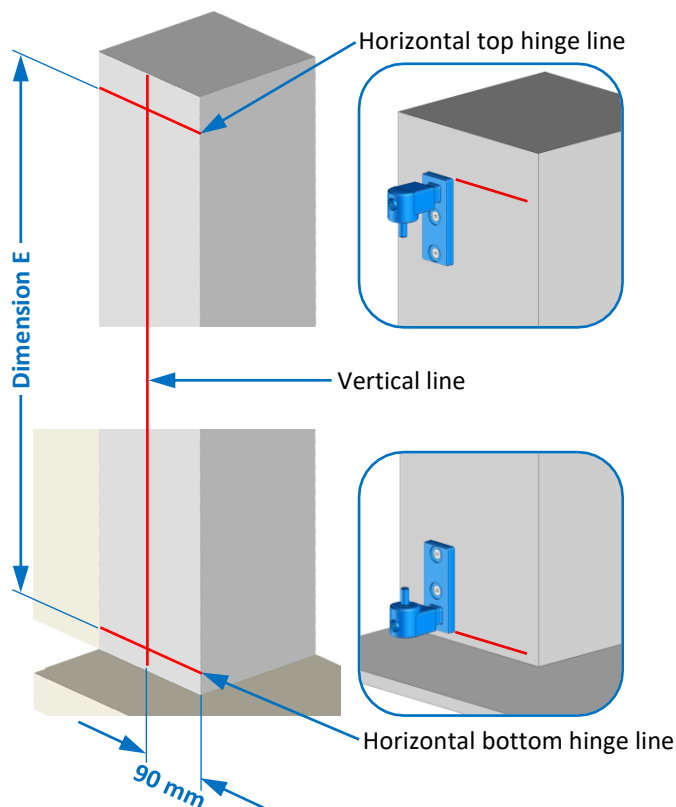
**Check worksite dimensions, level 0, plumb and posts alignment;  
detailed in the previous chapters.**

### Position the holes of the bottom and top hinge

1. On the post, determine the height of the bottom hinge, by drawing a horizontal line on the face corresponding to the opening direction.

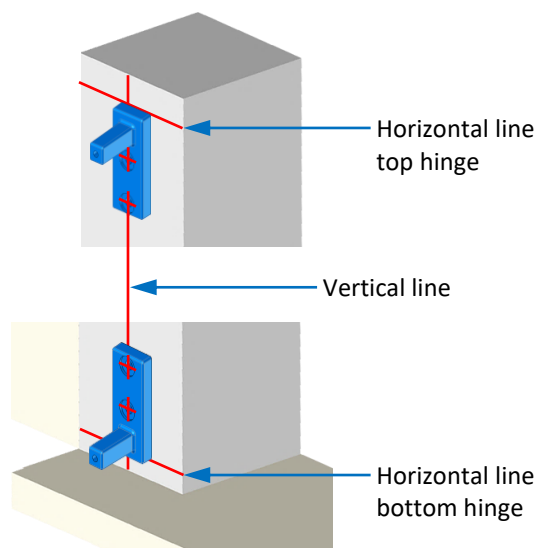


2. Calculate the **Dimension E**, draw a horizontal line at the top of the post.  
**Dimension E** = Height between the top hinge and the bottom hinge.



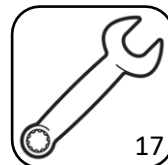
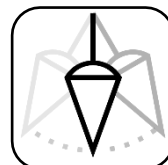
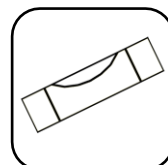
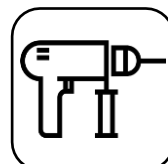
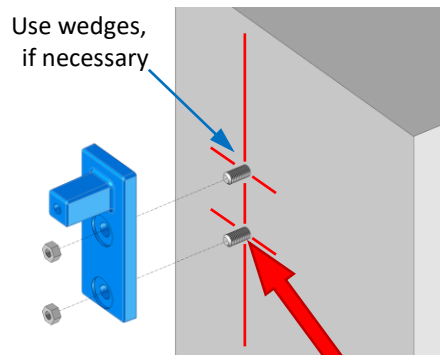
3. Draw a vertical line from at least 90 mm from the edge of the post.

4. Position top and bottom hinges on the horizontal and vertical lines previously drawn.  
Spot the drilling positions of the hinges along the vertical axis.



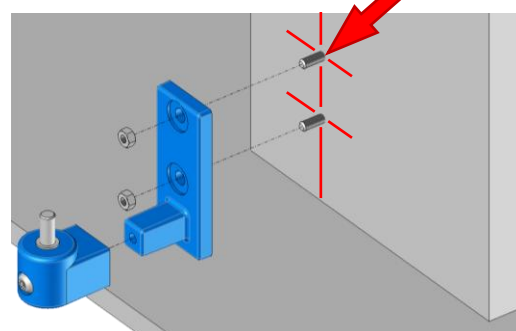
5. Drill the post and install fasteners (studs, or threaded rods not provided) adapted to the support.

**Note:** Recommended fastenings M10.



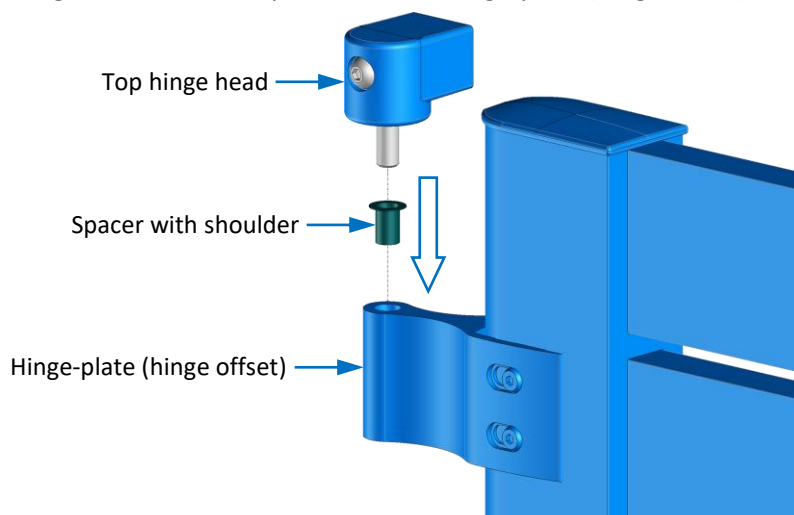
6. Position the top and bottom hinge's onto the studs, level and align vertically, then bolt the assembly.

**Note:** Washers and nuts not provided.

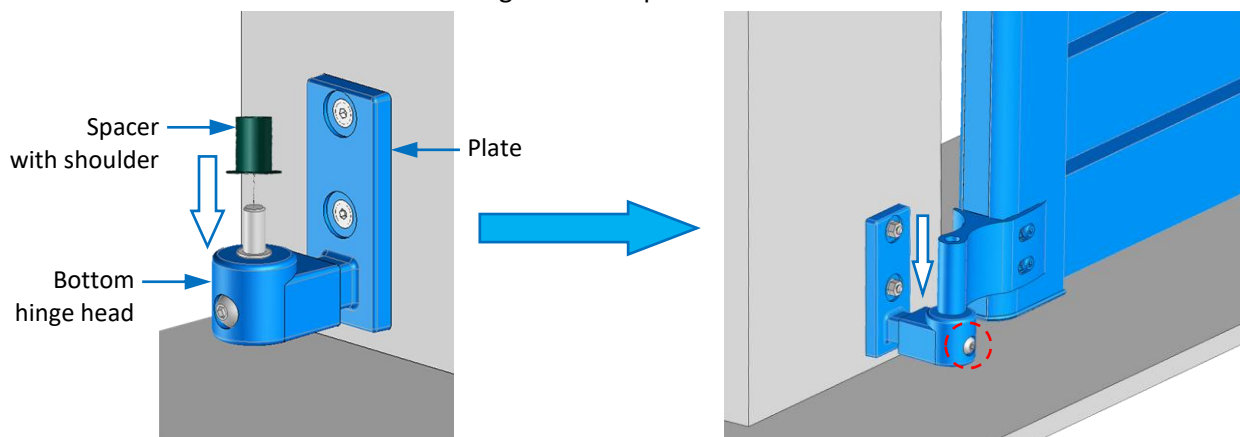


## Install the wicket door or 1 leaf gate

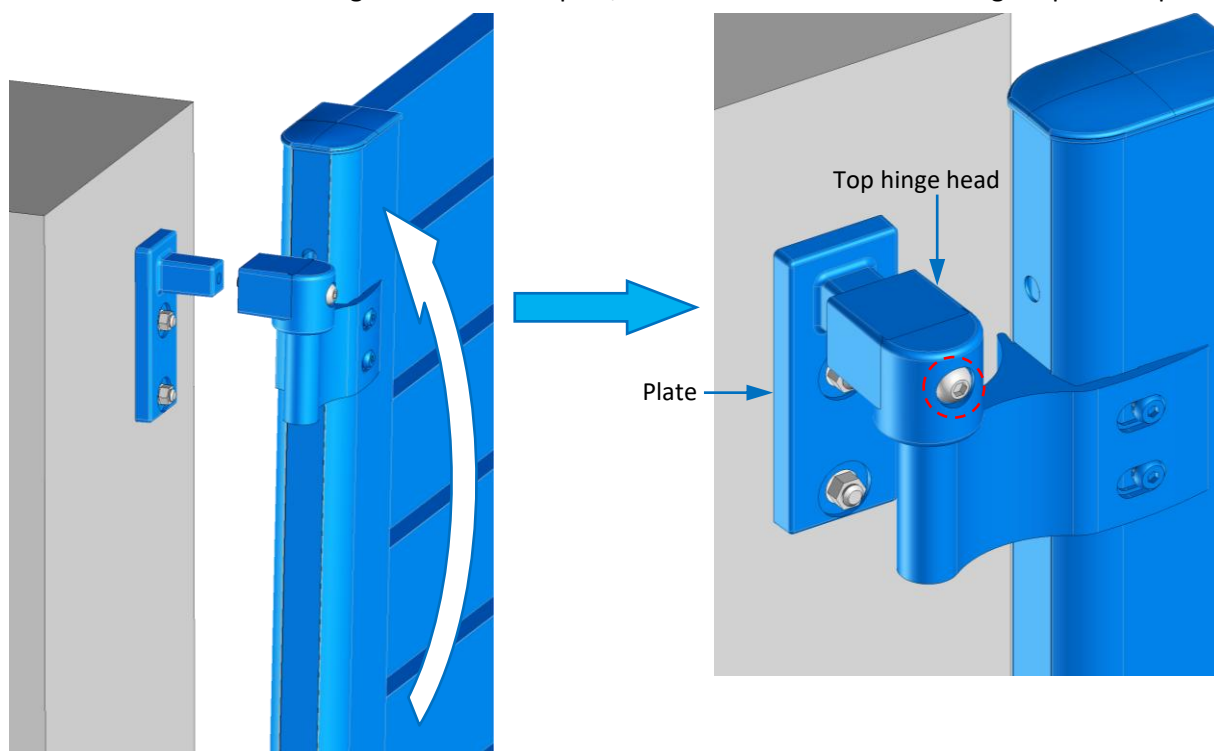
1. Insert the axis of the top hinge head with the spacer into the hinge-plate (hinge offset) located on the upright.



2. Present the wicket door or 1 leaf gate on the axis of the bottom hinge, not forgetting to insert the spacer. Then screw the head of the bottom hinge onto the plate.



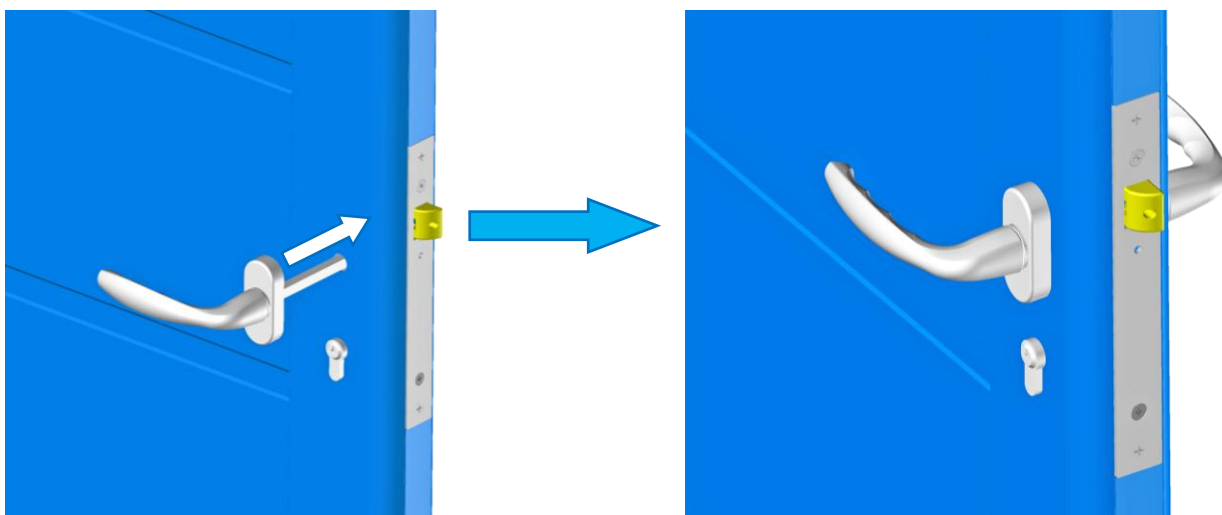
3. Tilt the wicket door or 1 leaf gate towards the post, then screw the head of the hinge top on the plate.



### OPTION: Intall the handles

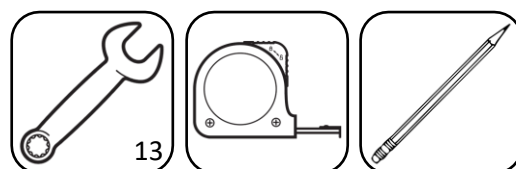
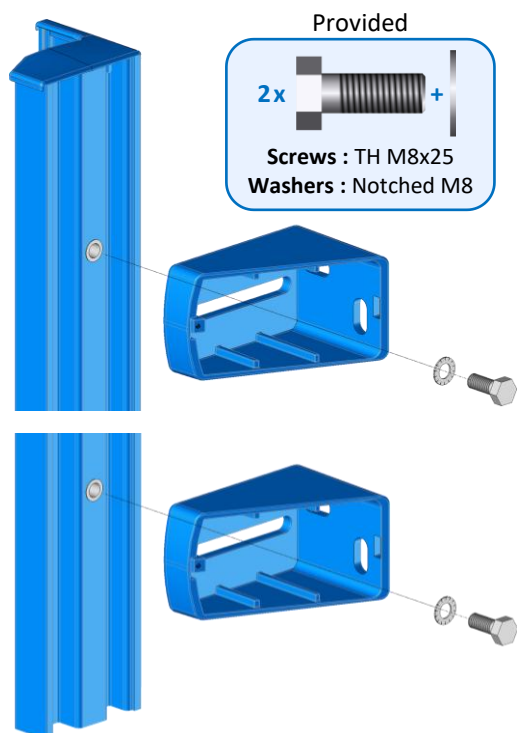
Install the handles with the square shaft (provided in the accessory box).

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

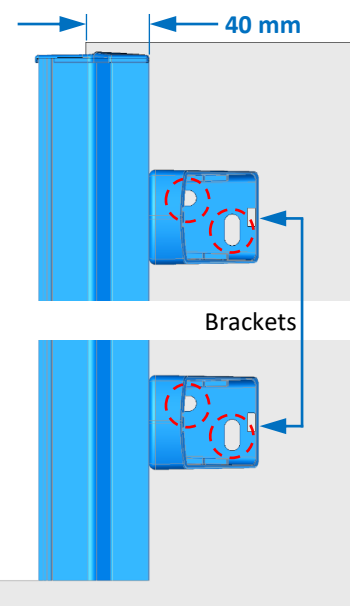


## Install the abut profile

1. Screw the brackets on the abut profile.



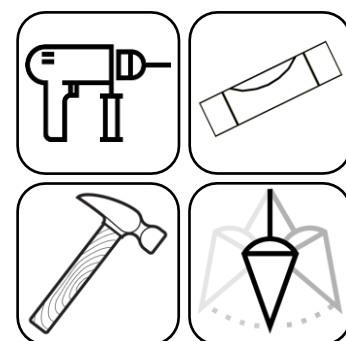
2. Position the abut profile assembly on the ground, against the post.



3. On the post, spot the location of the drillings for the brackets.

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

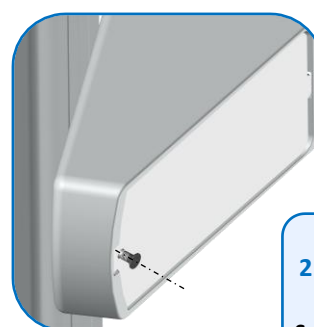
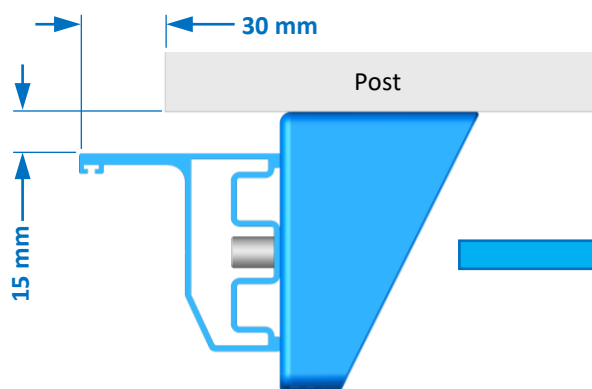
**Note:** Recommended fastenings M8.



5. Position the brackets onto the studs, level and align vertically, then bolt the assembly.

**Note:** Washers and nuts not provided.

6. Adjust the position of the abut profile, then close the covers.

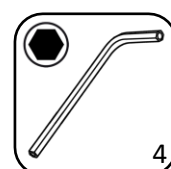
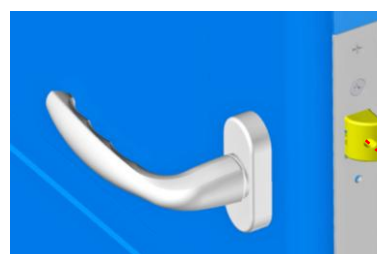


7. Close the wicket door or 1 leaf gate and test the bolt.

**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.

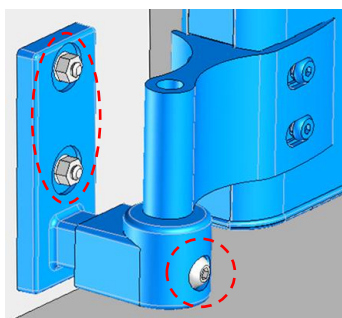
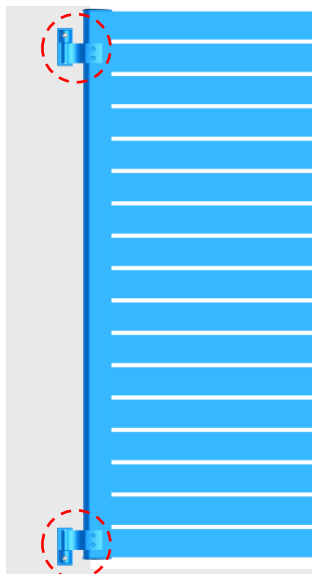




# Completions

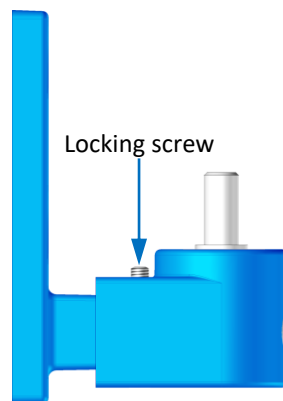
## Adjusting the wicket door or 1 leaf gate

Move the top and bottom hinges, while checking the plumb and alignment of the wicket door/1 leaf gate, settle the following points:

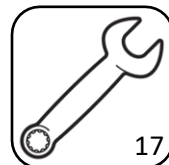
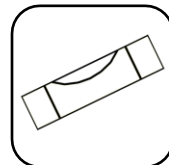
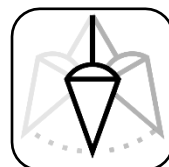


Adjustment screws

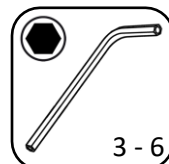
**Note:** When adjustment is completed, lock using the locking screws.



Locking screw

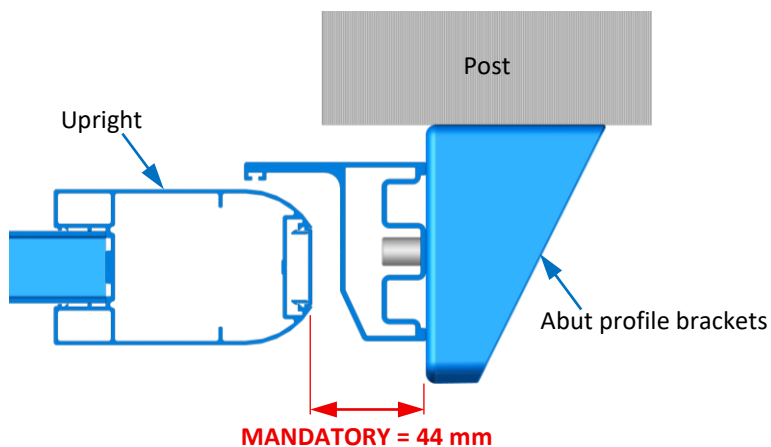
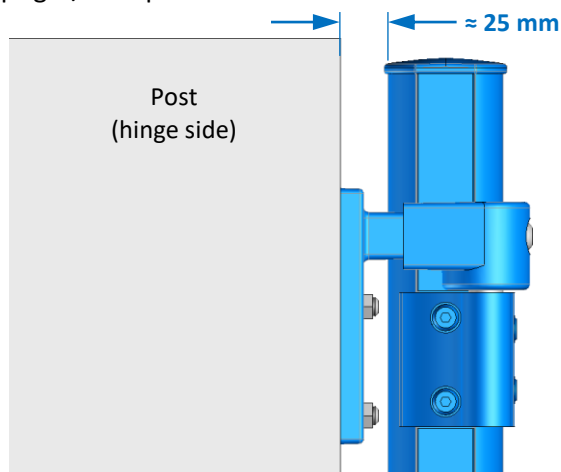
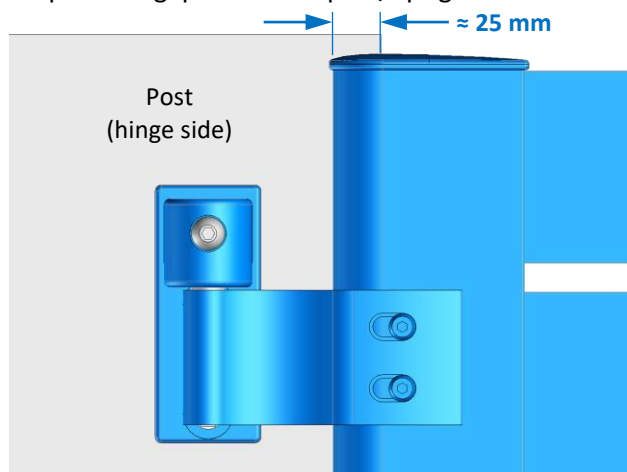


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3 - 6

1. Respect the gaps between post/upright and between the upright/abut profile brackets :



## OPTION: Install the electric strike

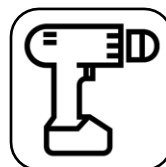
→ Refer to the instructions for the **electric strike**, delivered in the accessory box.

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

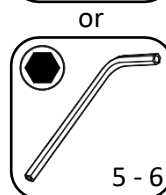
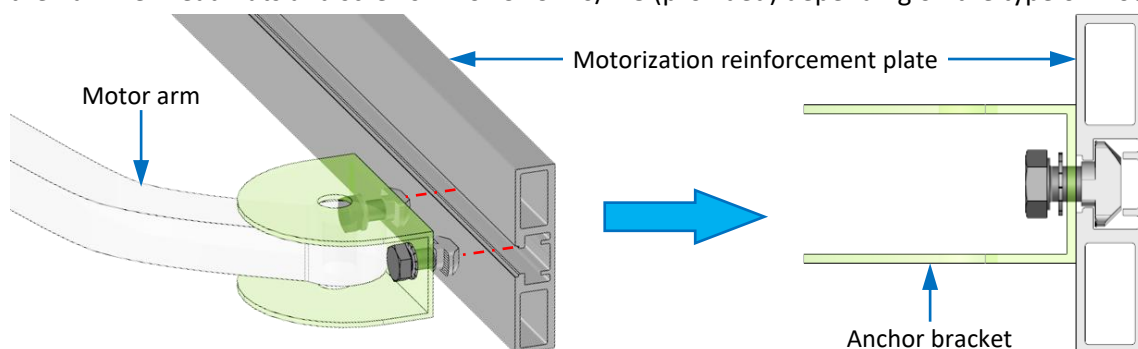
1. Depending on the height of the motor arm, fix the motorization reinforcement plate on the leaf using the self-drilling SR2 4.2x16 screws.

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

Motorization reinforcement plate

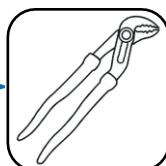
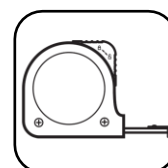
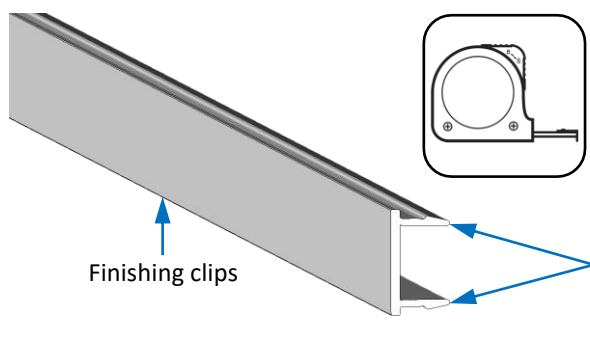


2. Screw the motor arm into the motorization reinforcement plate using the fan type washers and the hammer head nuts and screws TH or CHC M6/M8 (provided) depending on the type of motor.



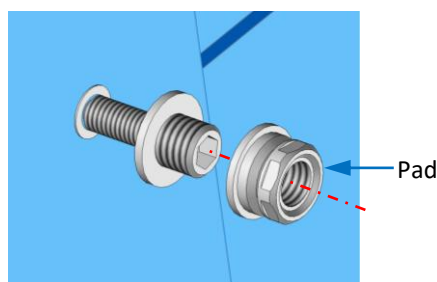
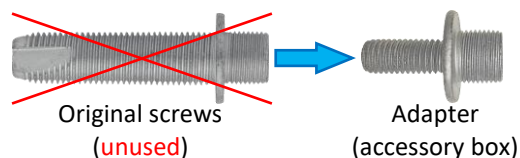
3. After adjusting the arm, measure the finishing clips. Cut them to measure, then clip them onto the reinforcement of each side of the anchor bracket.

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

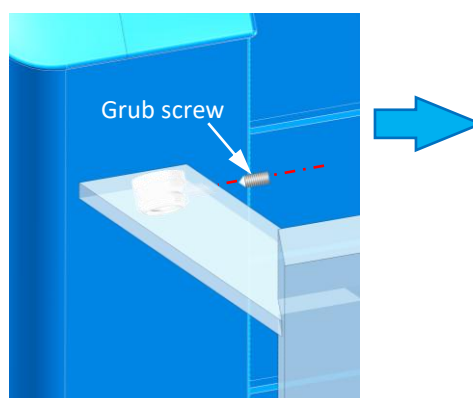


## OPTION: Install the Marshal stick handle

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

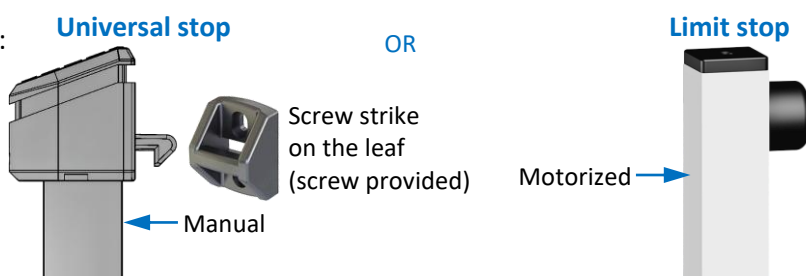


2. Present the Marshal stick handle on the 2 pads and lock it with the 2 grub screws.



## 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.

