

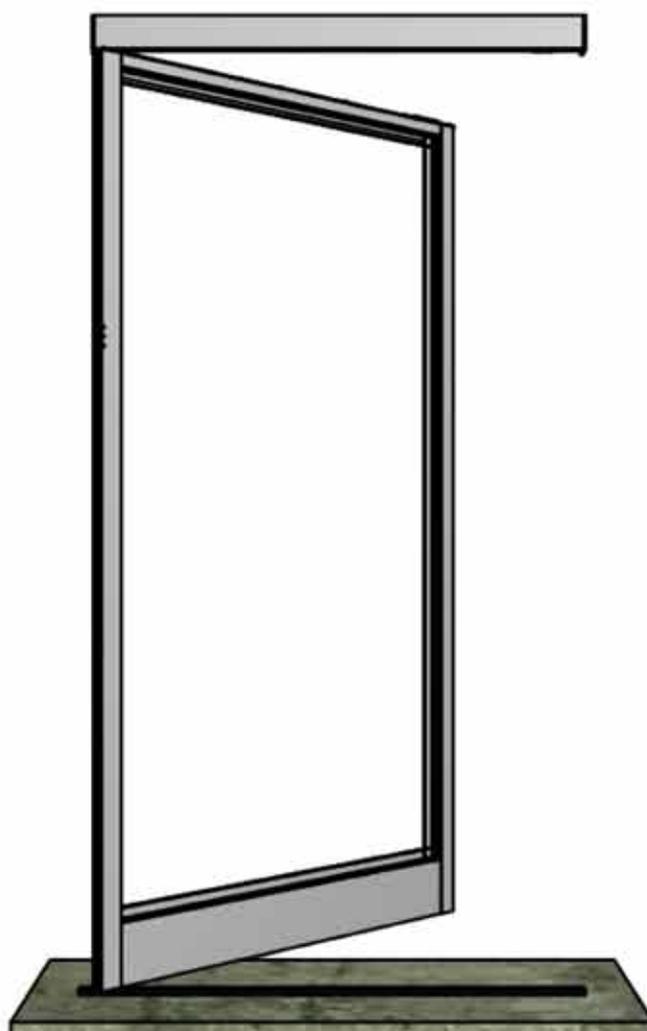
PANIC EXIT BREAKOUT SYSTEM KBRAM and KBRINT

for mobile and partly fixed leaf
for Label LB50 and commercial profiles

R.2.0

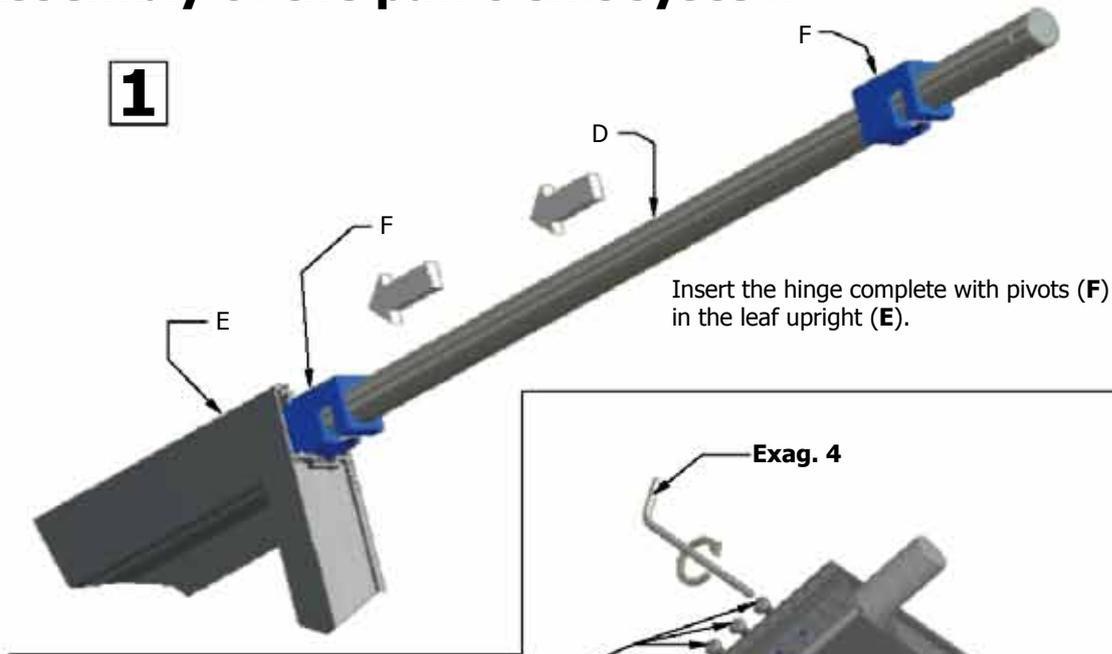


EVOLUS
EVOLUS-T

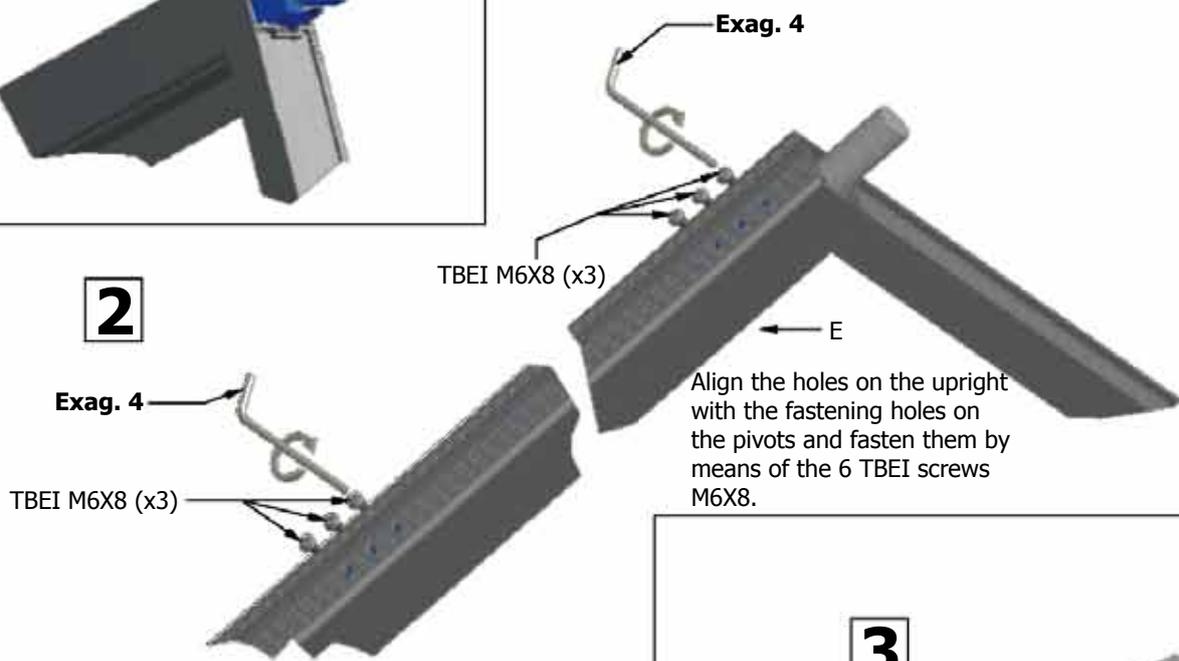


Assembly of the panic exit system

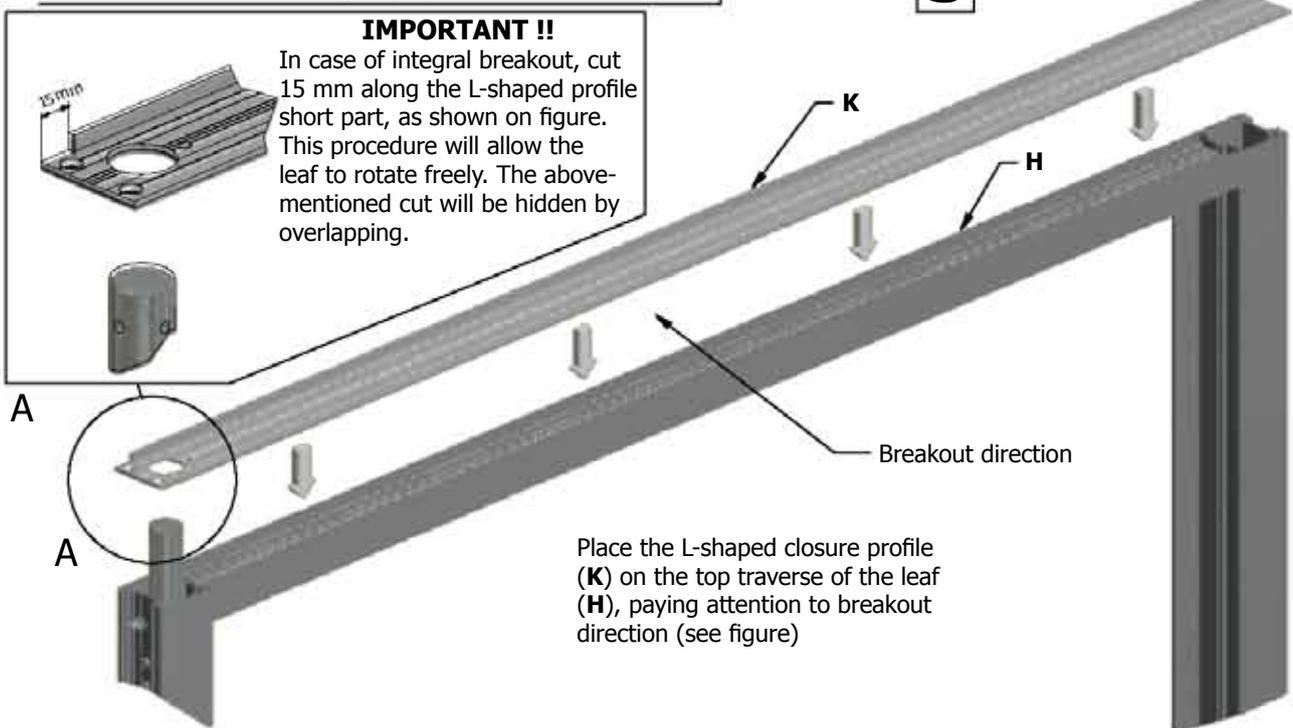
1



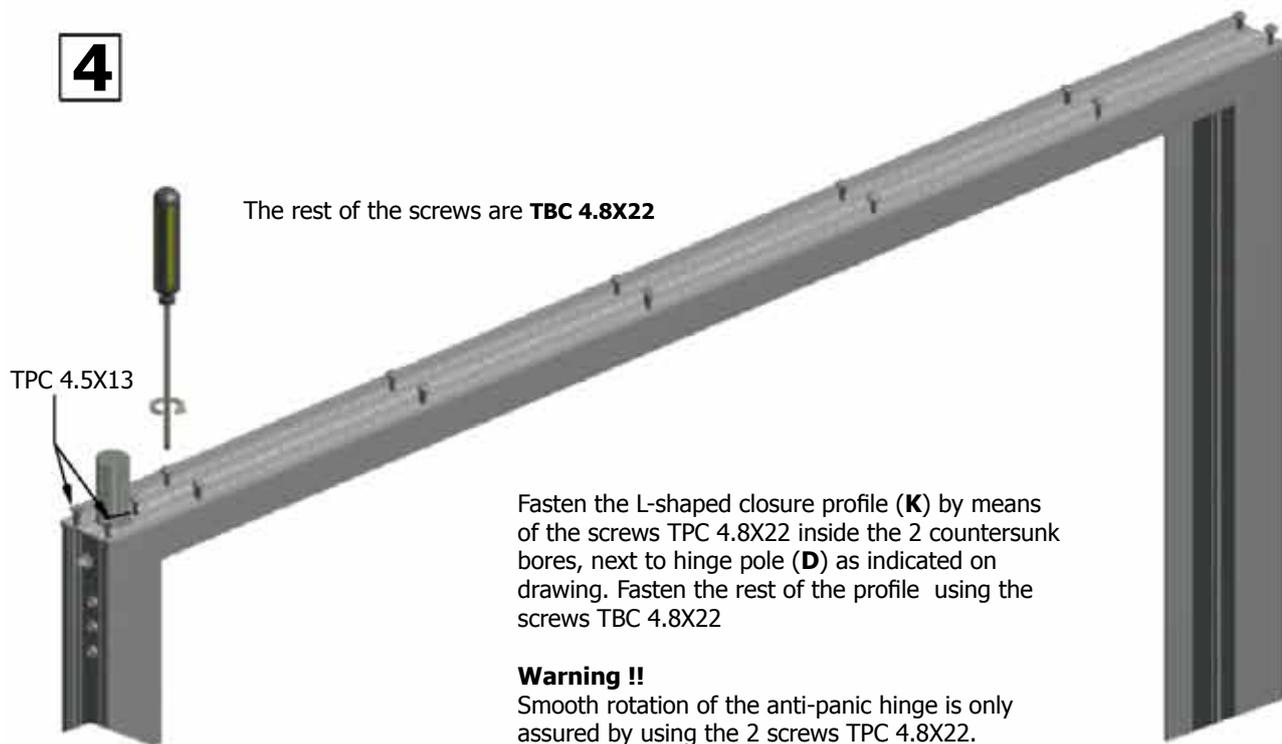
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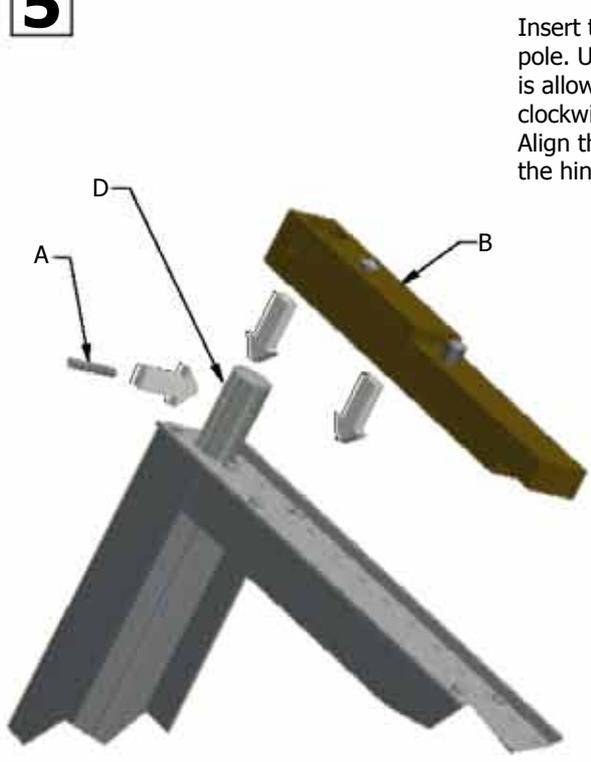
The rest of the screws are **TBC 4.8X22**

TPC 4.5X13

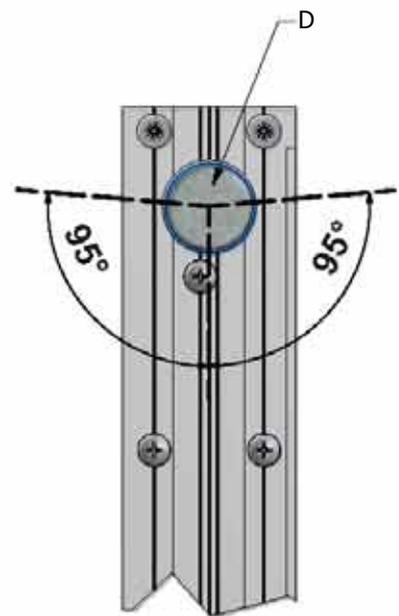
Fasten the L-shaped closure profile (**K**) by means of the screws TPC 4.8X22 inside the 2 countersunk bores, next to hinge pole (**D**) as indicated on drawing. Fasten the rest of the profile using the screws TBC 4.8X22

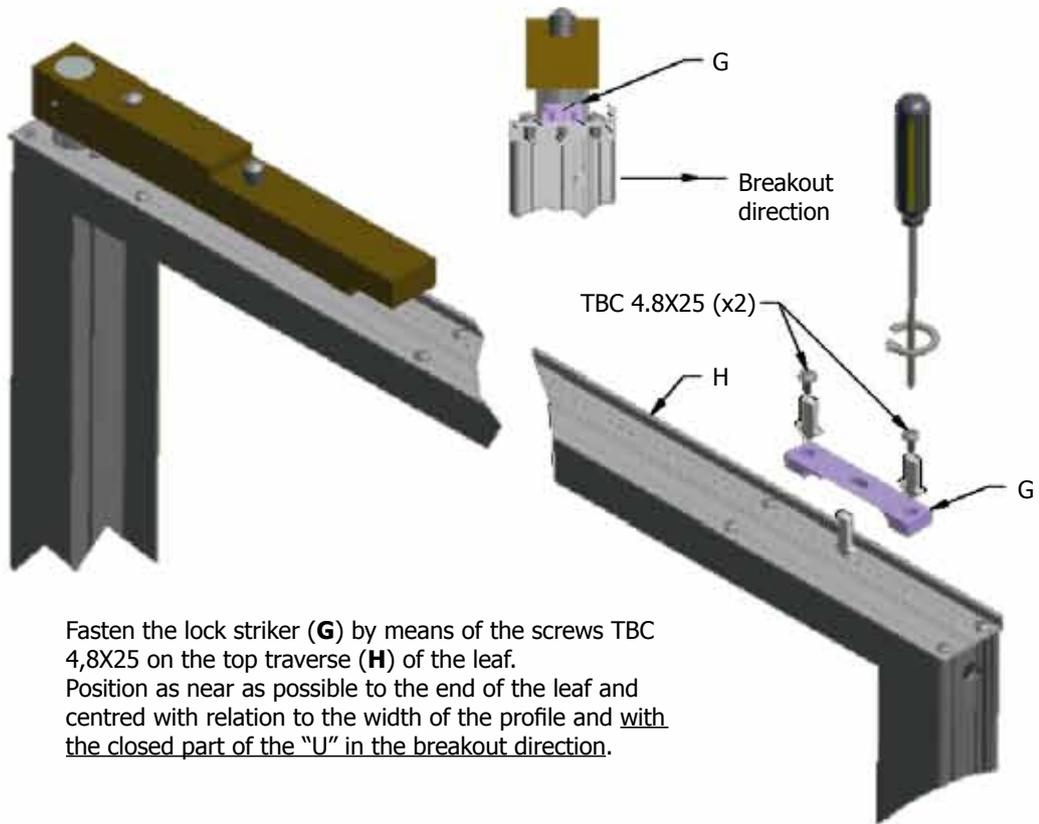
Warning !!
Smooth rotation of the anti-panic hinge is only assured by using the 2 screws TPC 4.8X22.

5



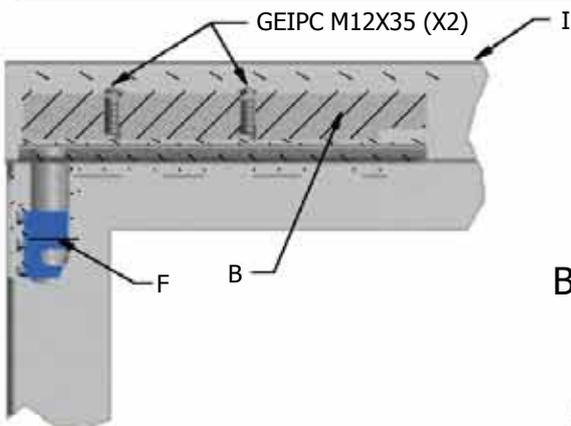
Insert the upper section of the hinge (**B**) into the pole. Upon insertion, make sure that the pole is allowed to rotate 95° around its centre both clockwise and counter-clockwise (**see figure**). Align the hole on the pole (**D**) with the hole on the hinge and insert the pin (**A**).





6

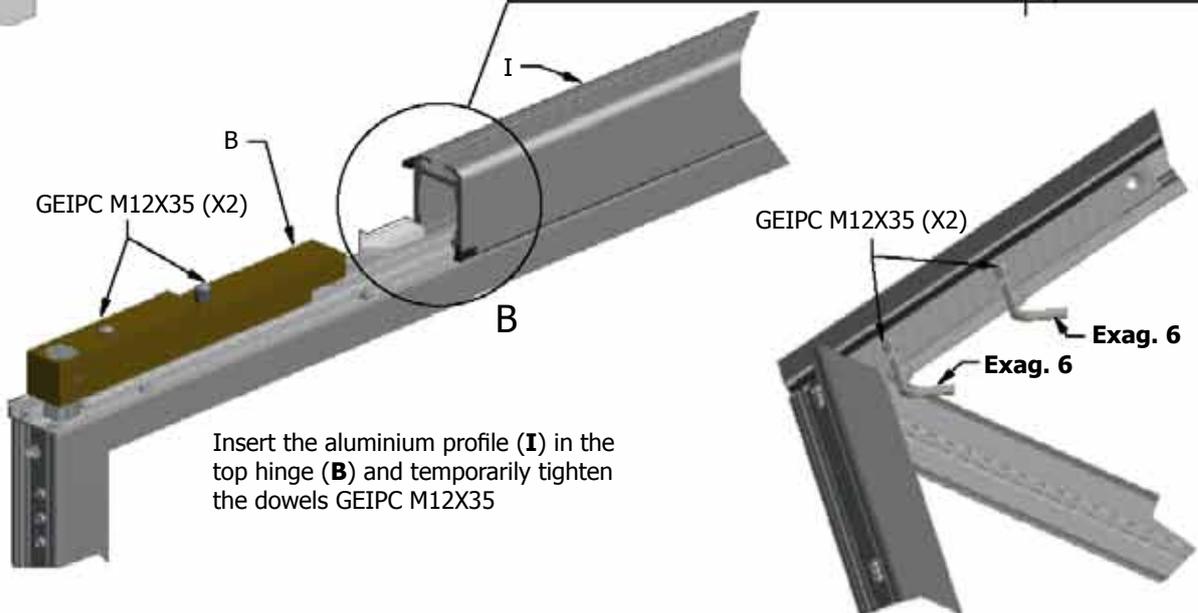
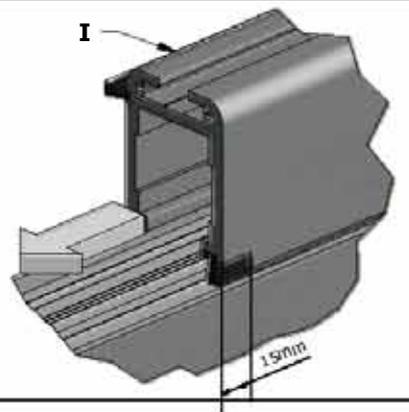
Fasten the lock striker (**G**) by means of the screws TBC 4,8X25 on the top traverse (**H**) of the leaf. Position as near as possible to the end of the leaf and centred with relation to the width of the profile and with the closed part of the "U" in the breakout direction.



IMPORTANT !!

In case of breakout with external operator (mobile leaves only) cut 10 mm along the aluminium short part (**I**), as indicated on drawing.

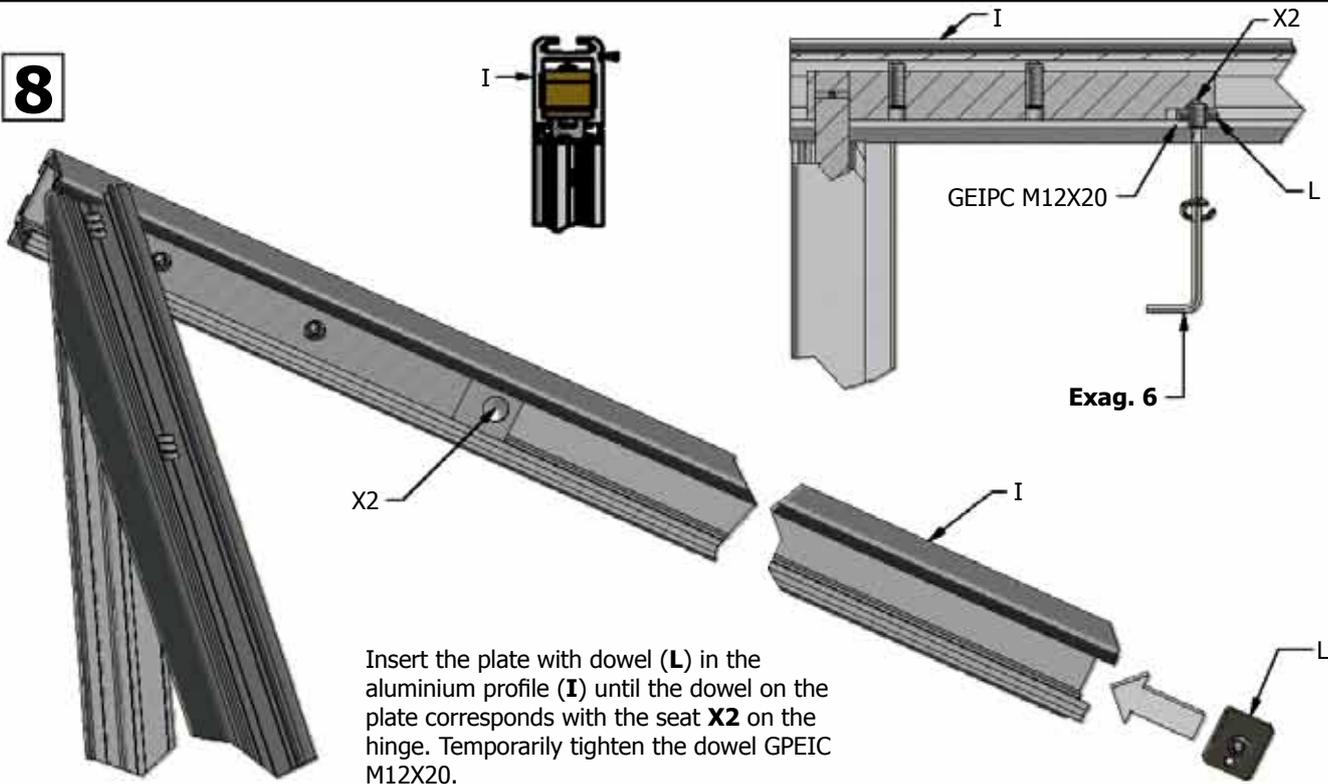
This procedure will allow the leaf to rotate freely. The above-mentioned cut will be hidden by overlapping.



7

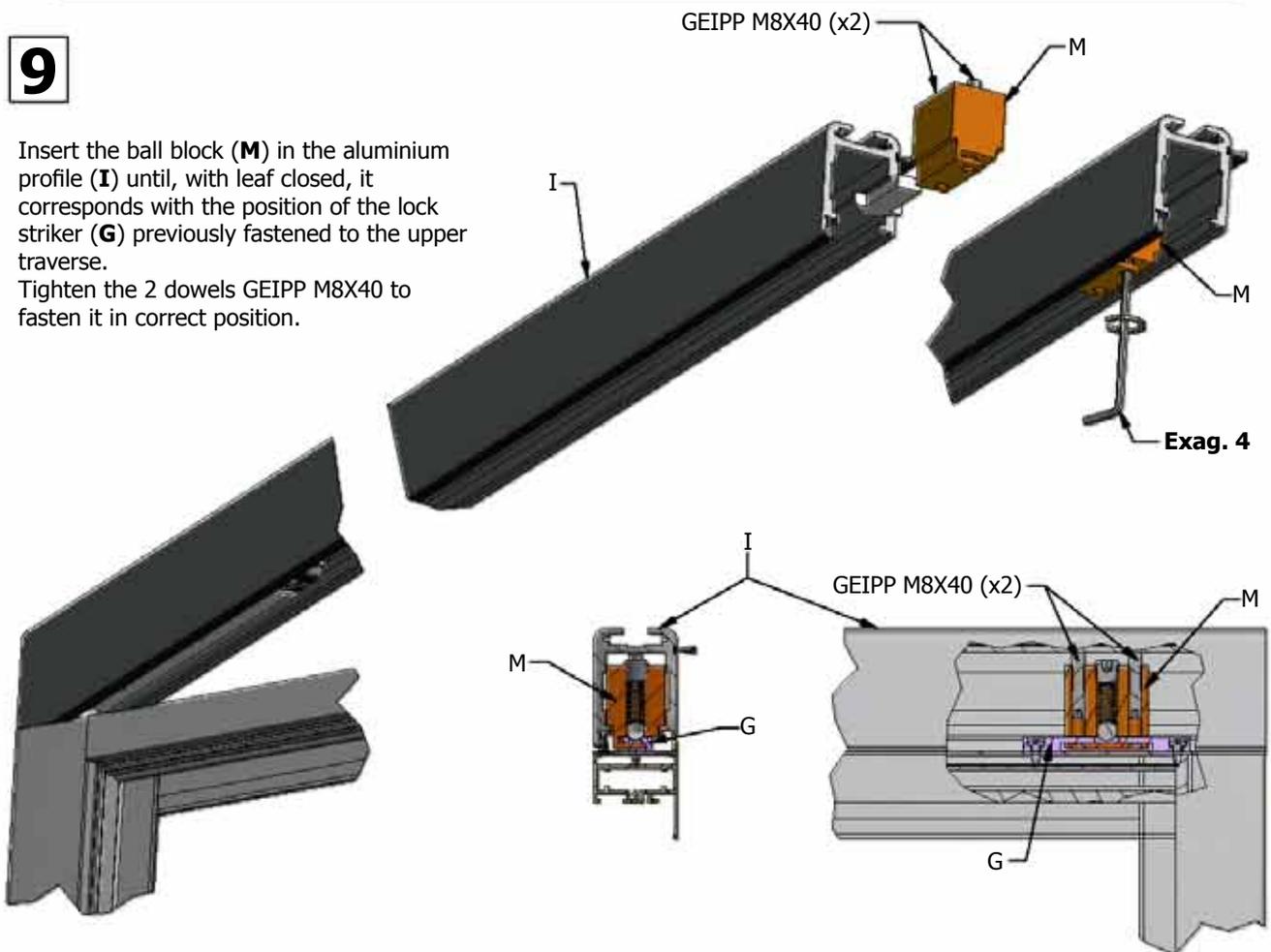
Insert the aluminium profile (**I**) in the top hinge (**B**) and temporarily tighten the dowels GEIPC M12X35

8



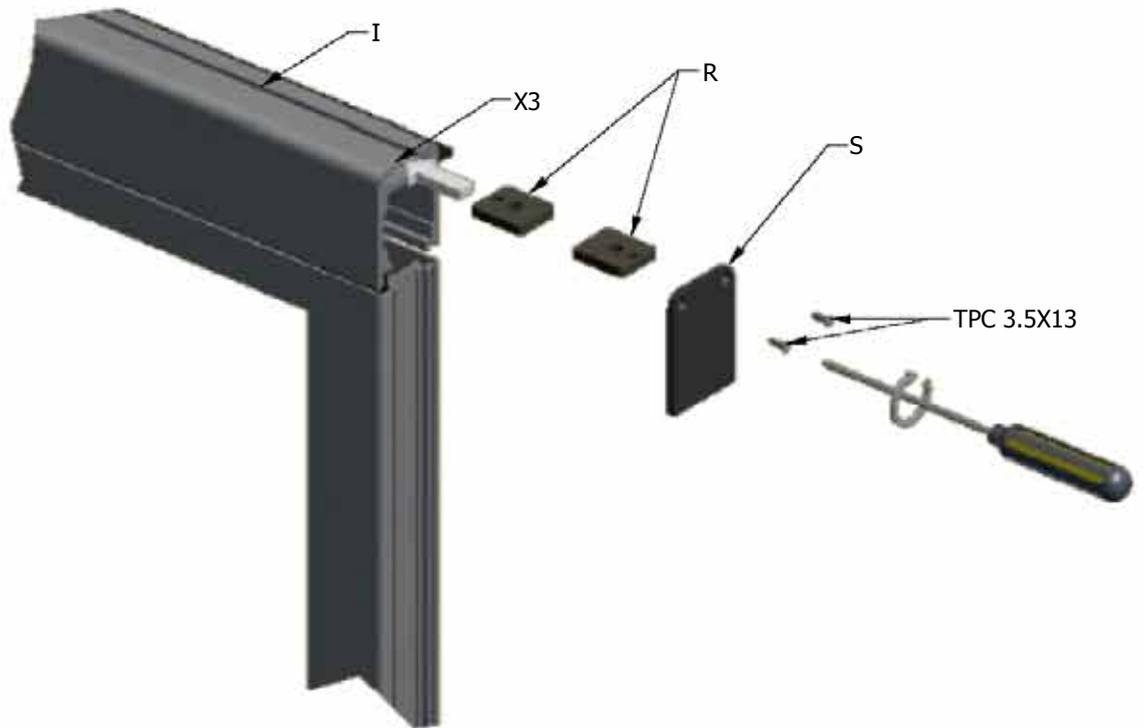
Insert the plate with dowel (L) in the aluminium profile (I) until the dowel on the plate corresponds with the seat X2 on the hinge. Temporarily tighten the dowel GEIPC M12X20.

9

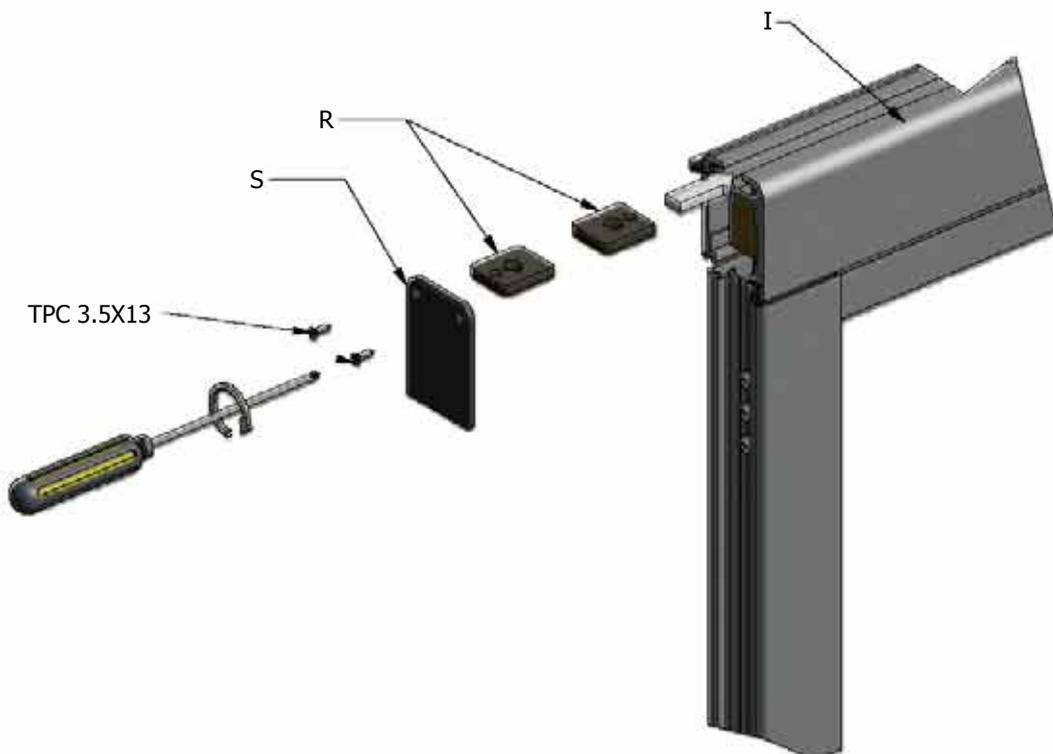


Insert the ball block (M) in the aluminium profile (I) until, with leaf closed, it corresponds with the position of the lock striker (G) previously fastened to the upper traverse.
Tighten the 2 dowels GEIPP M8X40 to fasten it in correct position.

10



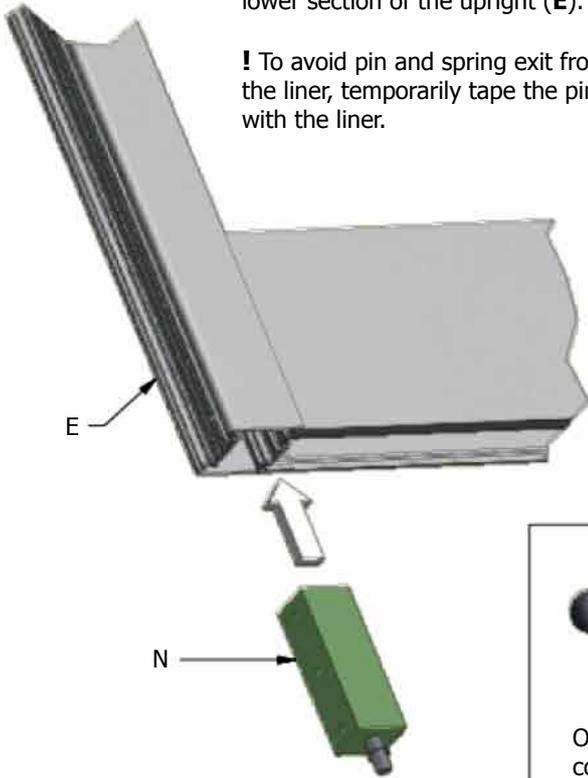
Before closing at its two ends the aluminium profile (**I**), insert from both sides 2 plates (**R**) in the slot (**X3**). Their purpose is to connect the brackets of the carriages located on the automation. Once they have been inserted, close with the rubber caps (**S**) both sides of the aluminium profiles.



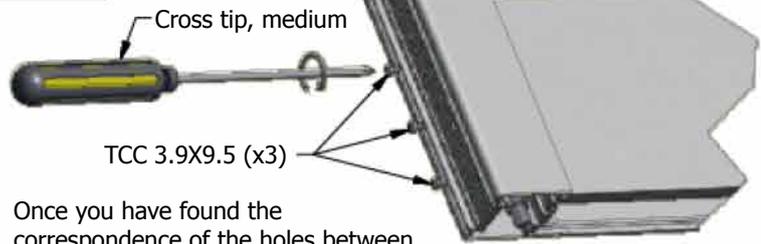
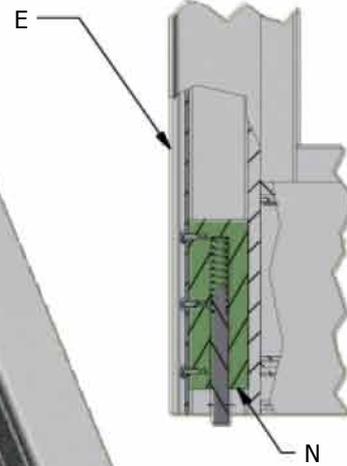
11

Thread the runner liner (**N**) in the lower section of the upright (**E**).

! To avoid pin and spring exit from the liner, temporarily tape the pin with the liner.



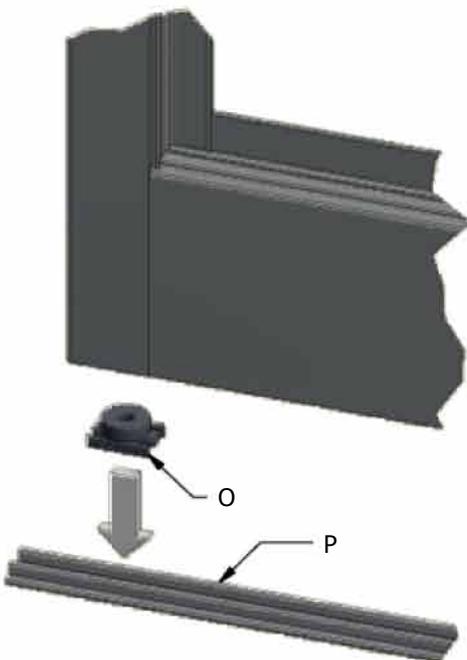
12



Once you have found the correspondence of the holes between runner liner (**N**) and upright (**E**), fasten the liner with the screws TCC 3.9X9.5.

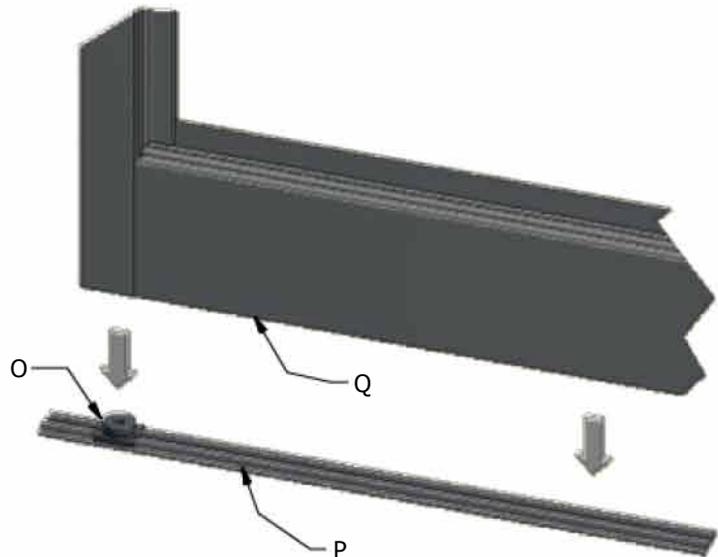
13

Fasten the guide to the floor (**P**) and insert the runner (**O**).

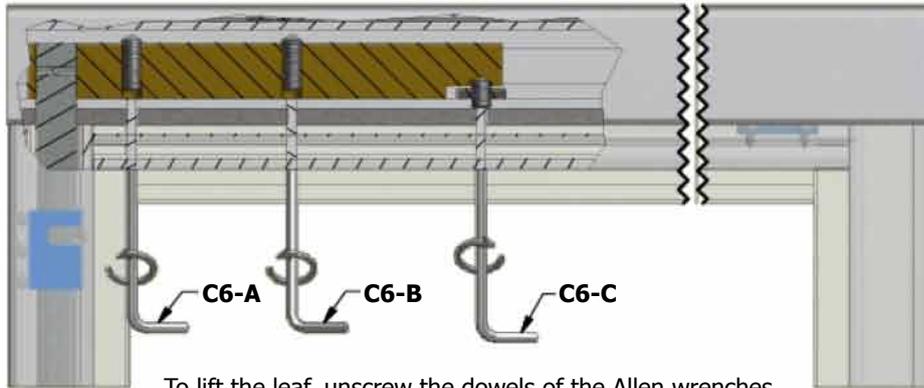


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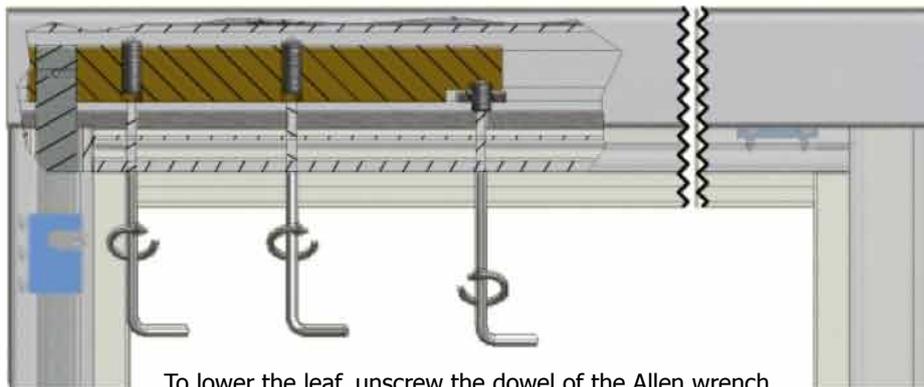
Position the leaf (**Q**) on the guide (**P**) and insert the pin in the runner (**O**), removing the ribbon previously used to keep in position pin and spring.



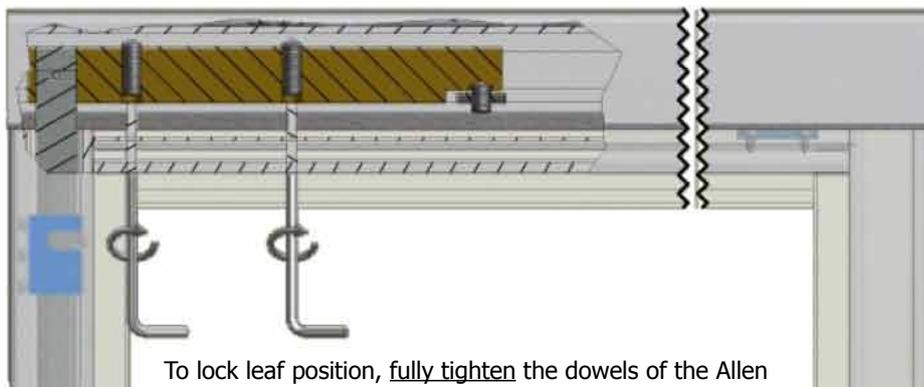
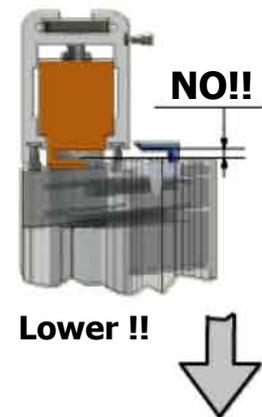
Adjustment of the leaf weight compensation.



To lift the leaf, unscrew the dowels of the Allen wrenches **C6-A** and **C6-B** and screw the dowel of the Allen wrench **C6-C**



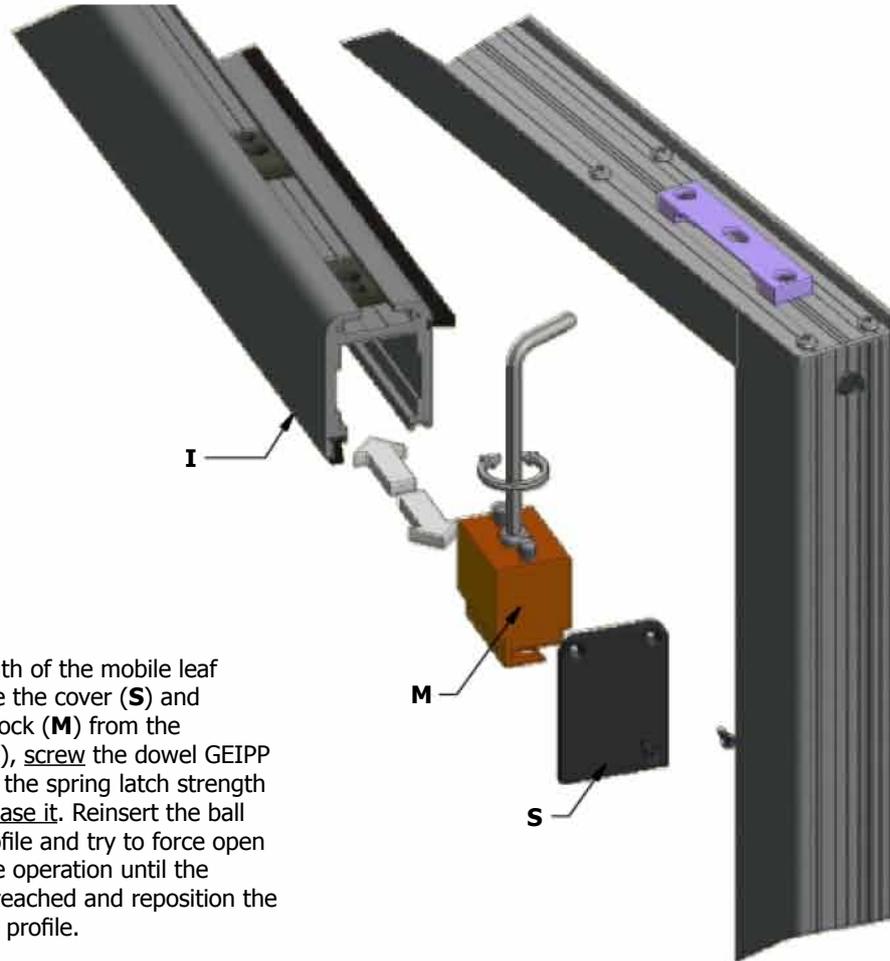
To lower the leaf, unscrew the dowel of the Allen wrench **C6-C** and screw the dowels of the Allen wrenches **C6-A** and **C6-B**.



To lock leaf position, fully tighten the dowels of the Allen wrenches **C6-A** and **C6-B**

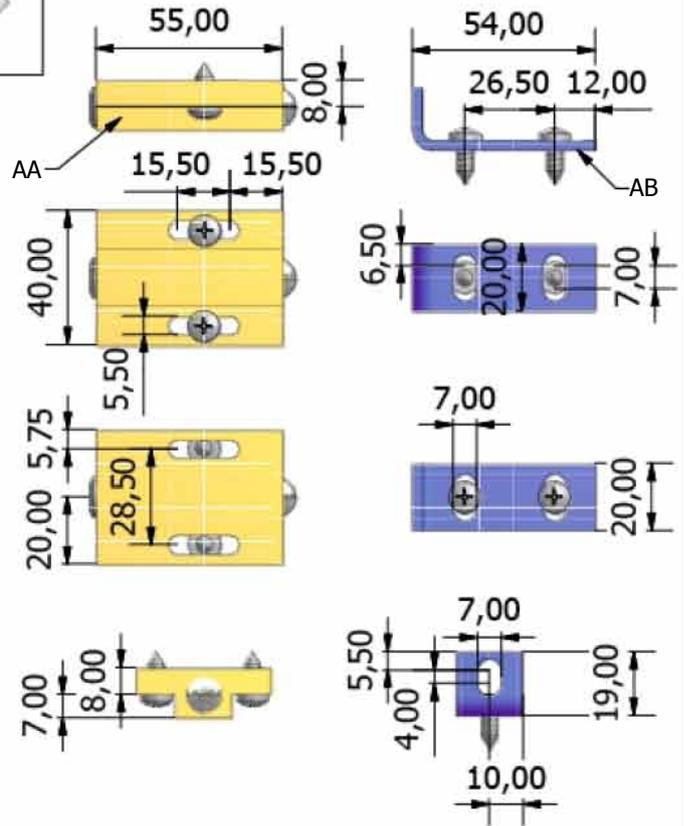
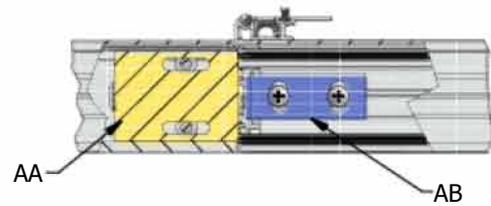
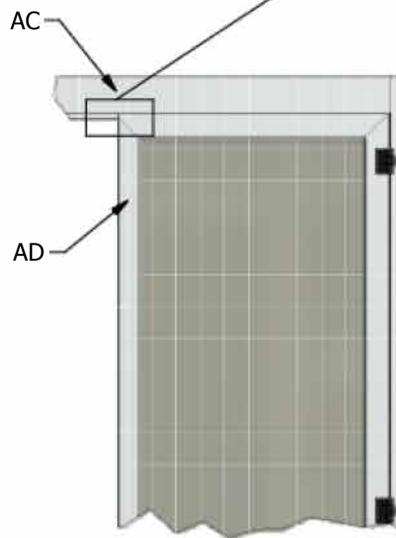
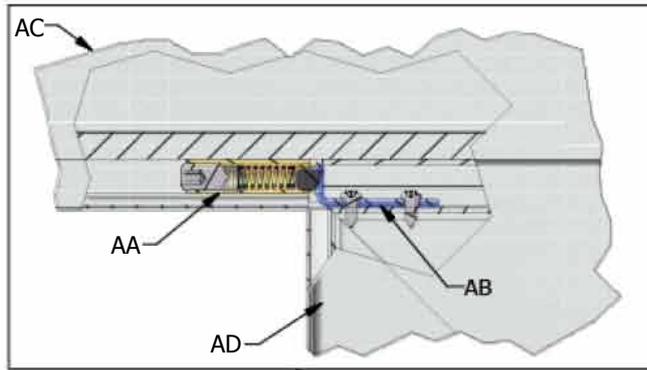


Adjustment of the mobile leaf spring latch.

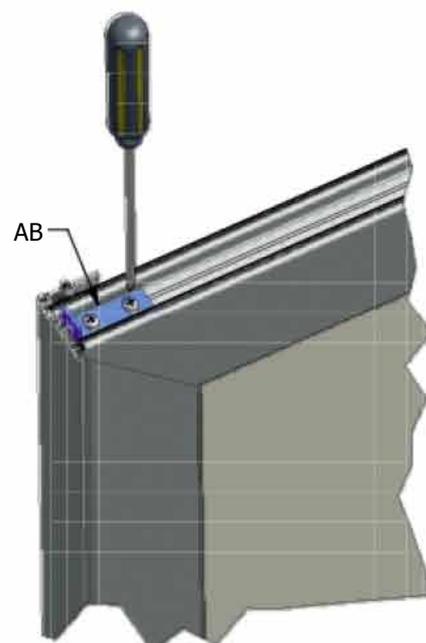
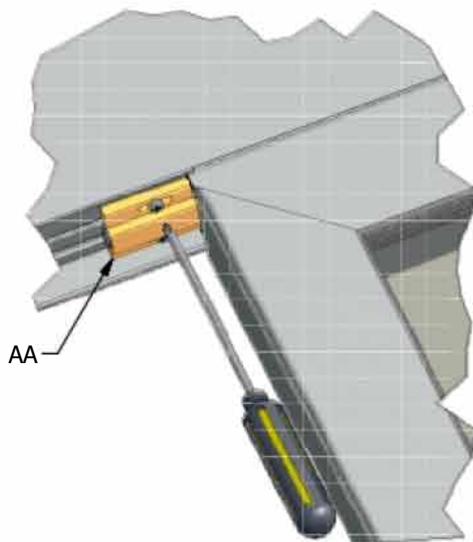


To adjust the strength of the mobile leaf spring latch, remove the cover (**S**) and withdraw the ball block (**M**) from the aluminium profile (**I**), screw the dowel GEIPP M14X14 to increase the spring latch strength or unscrew to decrease it. Reinsert the ball block (**M**) in the profile and try to force open the door. Repeat the operation until the desired strength is reached and reposition the rubber cover on the profile.

Installation of the partly fixed leaf spring latch.



Position the partly fixed leaf spring latch **(AA)** on the wall frame **(AC)** with the part with the ball in correspondence with the end section of the partly fixed leaf. Now fasten the spring latch striker **(AB)** on the end section of the partly fixed leaf **(AD)** and, closing it, check for interferences and verify that the ball is positioned in the striker slot.

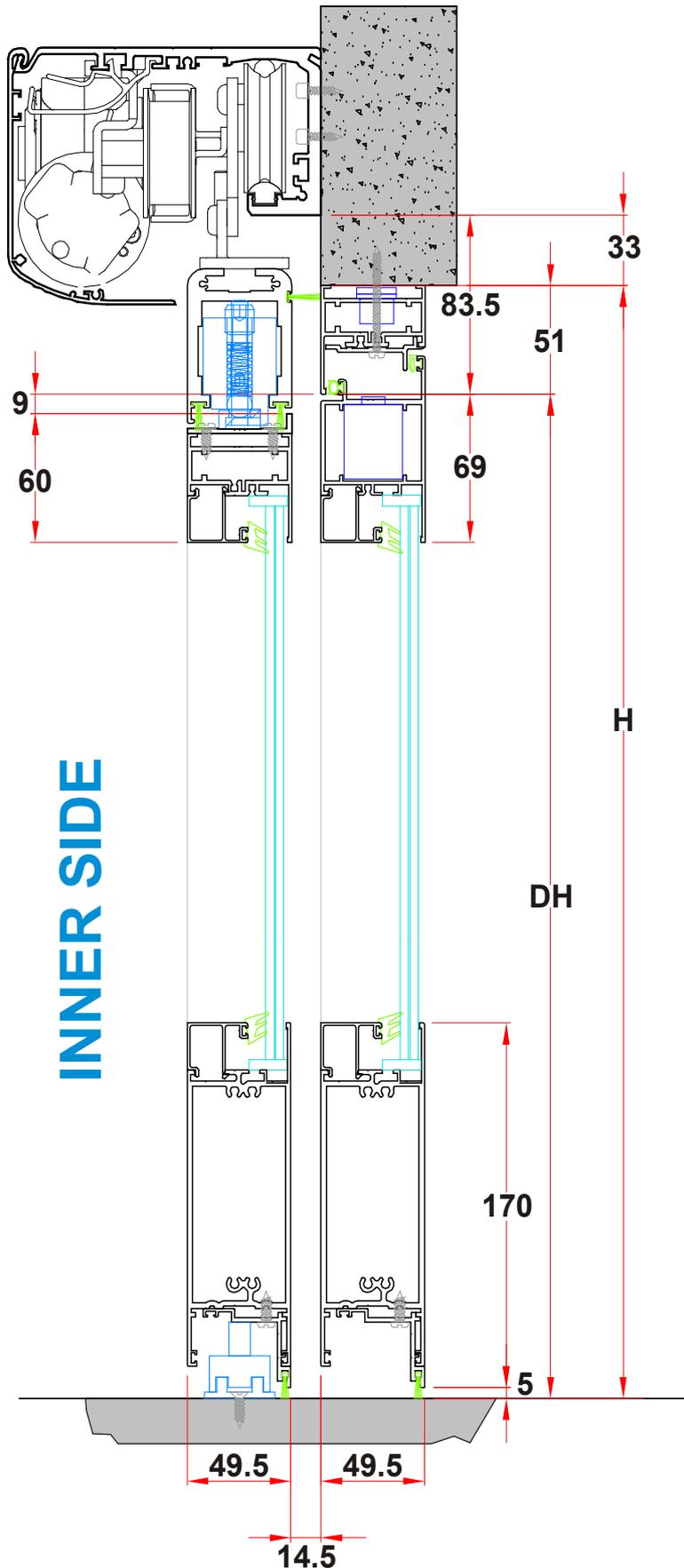


PANIC EXIT SIDE VIEW WITH EVOLUS OPERATOR

All dimensions are in millimetres.

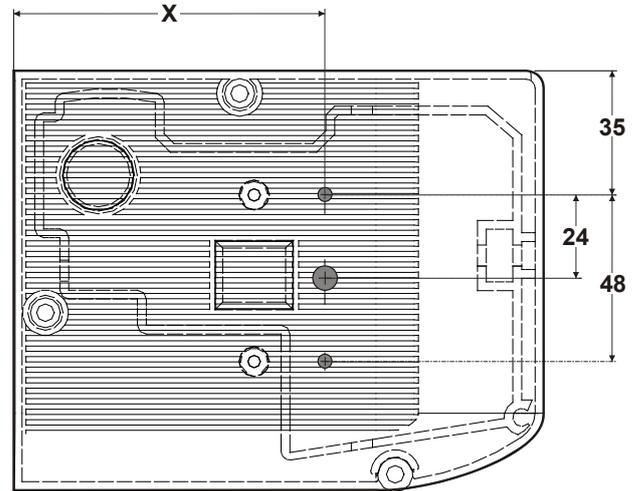
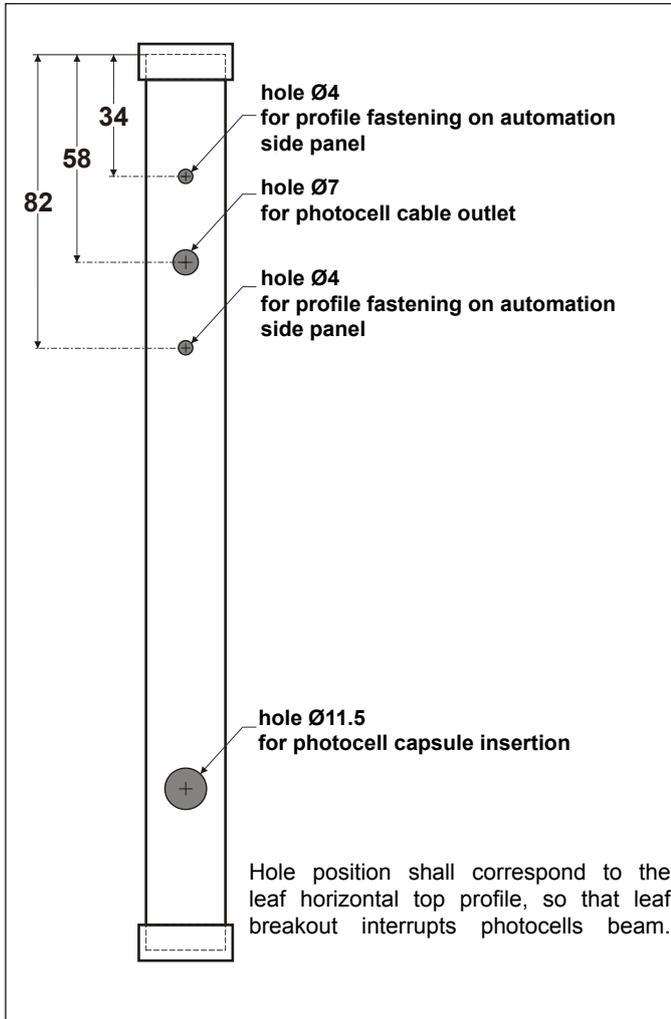
The leaf profiles in this document are just illustrative.

To use other types of profile, keep into account the minimum and maximum dimensions and positions.

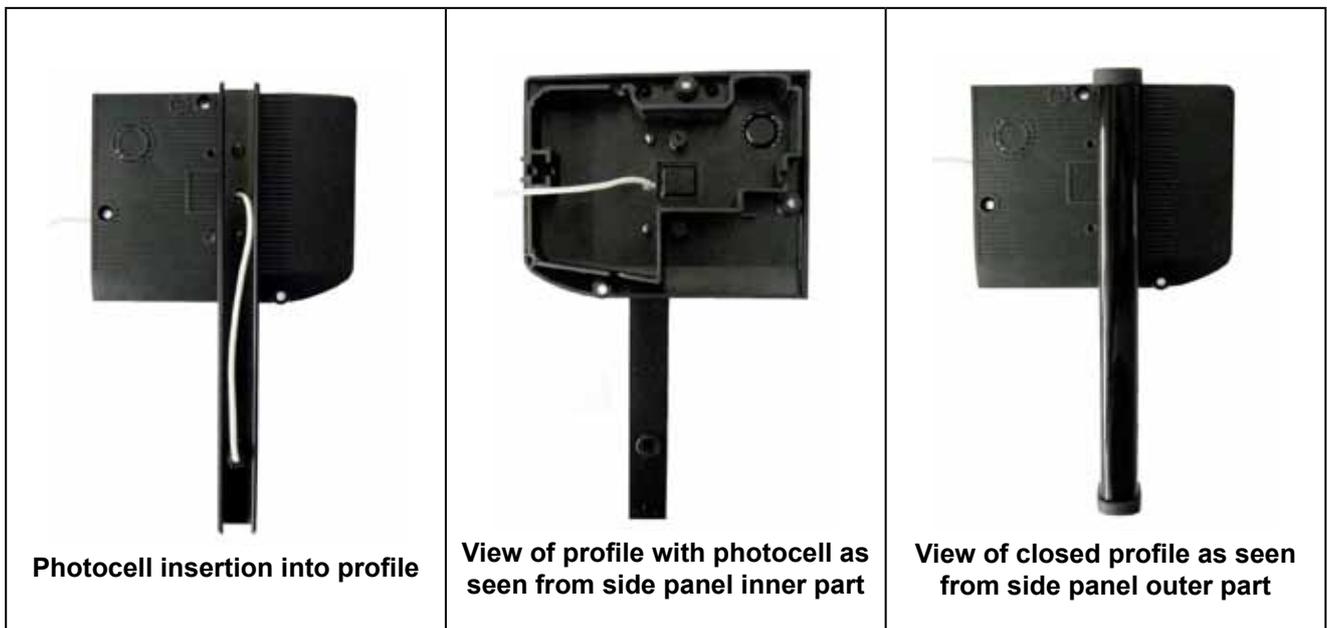


MOTOR STOP PHOTOCELL HOUSING

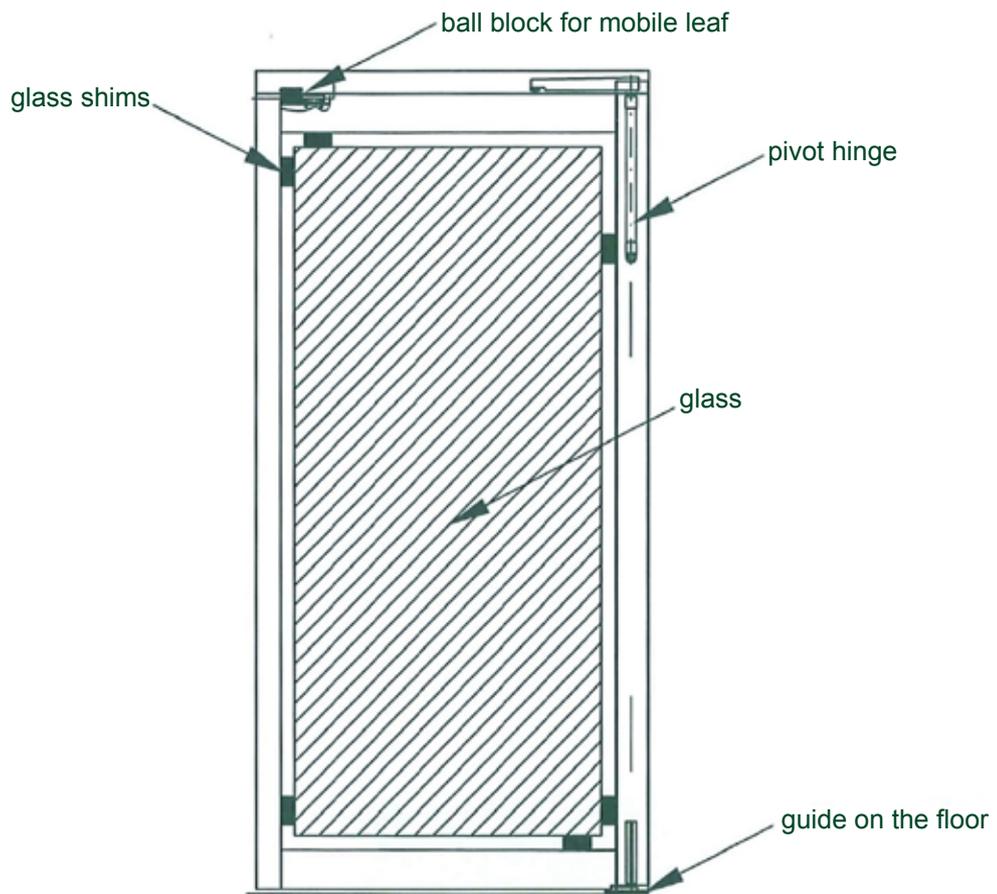
Motor stop photocell housing kit is used with breakout systems equipped with mobile leaf only and external automatism. Basically, it consists of two properly-drilled profiles (see figure), fastened outside the Evolus operator side panels and where the photocells will be located; transmitter will be housed on one side and receiver on the other. We recommend to install the receiver on the side that is best protected against sun rays.



Drill two holes on the operator side panel to fasten the profile at the suitable height "X", so that the photocells are aligned without detecting the leaf moving, but in such a way that, during breakout, the photocell beam interruption by the leaf top profile is guaranteed.



MOBILE LEAF GLASS SHIMMING



NB: GLASS SHALL NOT OVERWEIGHT THE LEAF



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