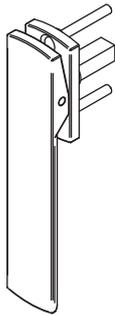


Pack contents

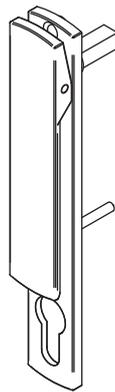
1. 1 x Bifold handle (locking or non-locking)
2. 2 x Furniture fixing screws
3. 1 x Bifold lockbody (286AV)
4. 1 x Block spacer
5. 1 x Wave spacer

4PT-RK25A

- 6a. 1 x 1.3m rod with magnet and threading on one end
- 6b. 1 x 1m rod with magnet and threading on one end
- 6c. 2 x Nylon coated SS D tips
7. 1 x 1m extension rod with connecting adaptor (only for 3.5m kits)
8. 2 x Aluminium D guides
9. 4 x Screws for D guides
10. 2 x Dress plates
11. 4 x Screws for dress plates
12. 1 x Nylon cap
13. 1 x Cylinder and short key (only with locking kits)

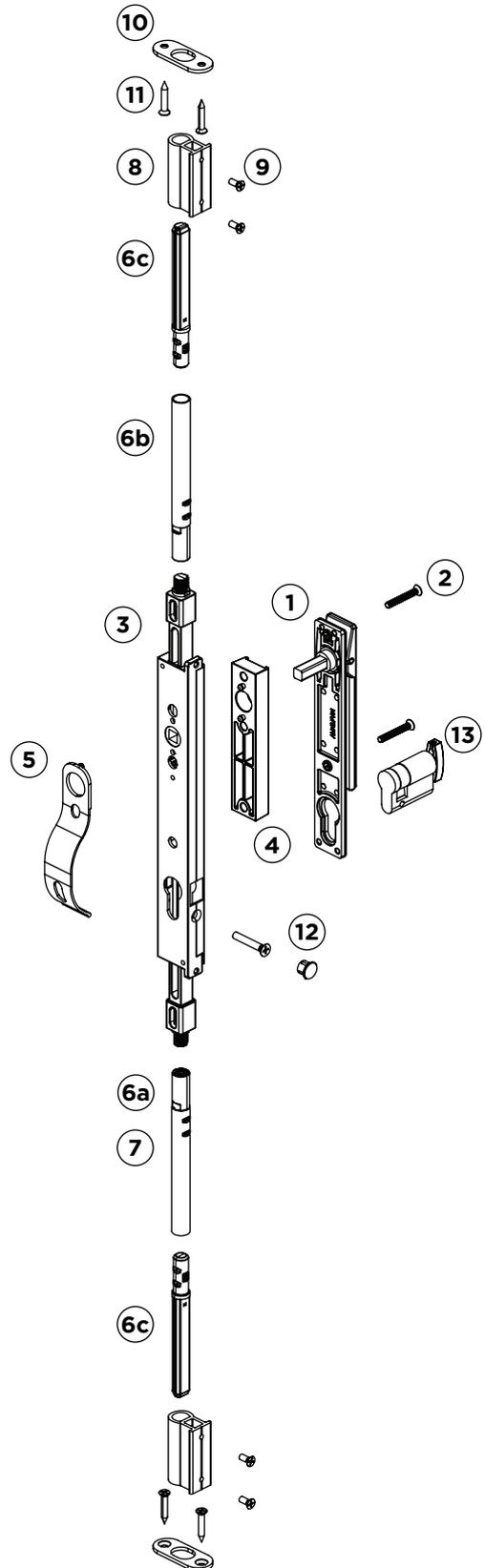


① Bifold handle (non-locking)
FHBNL-X / VHBNL-X



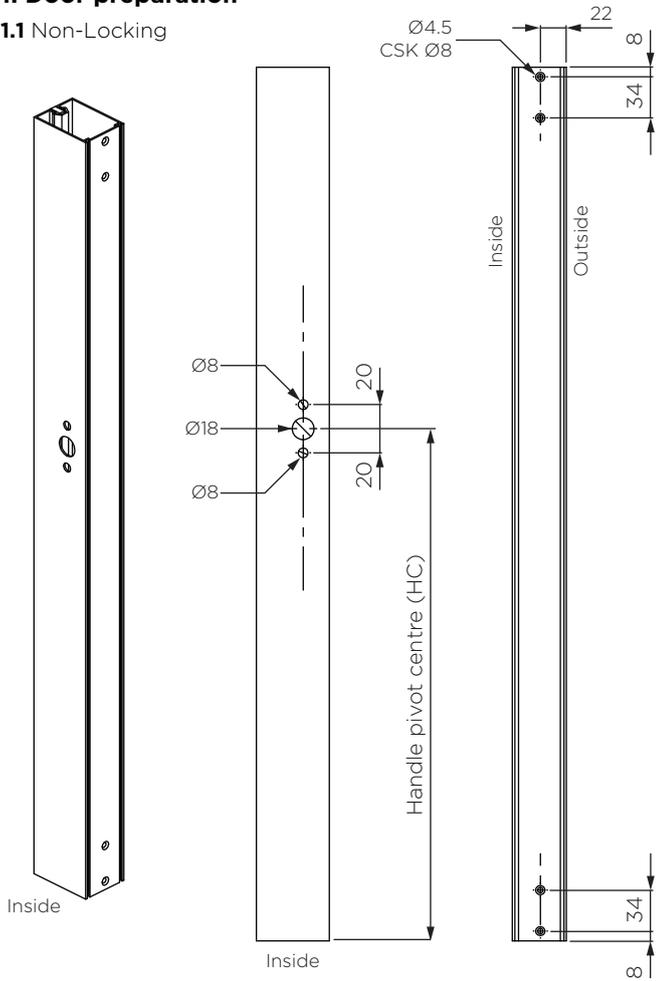
① Bifold handle (locking)
FHBWL-X / VHBWL-X

Note: X = finish
Forge lever furniture shown for reference - instructions also applicable for Verta lever furniture

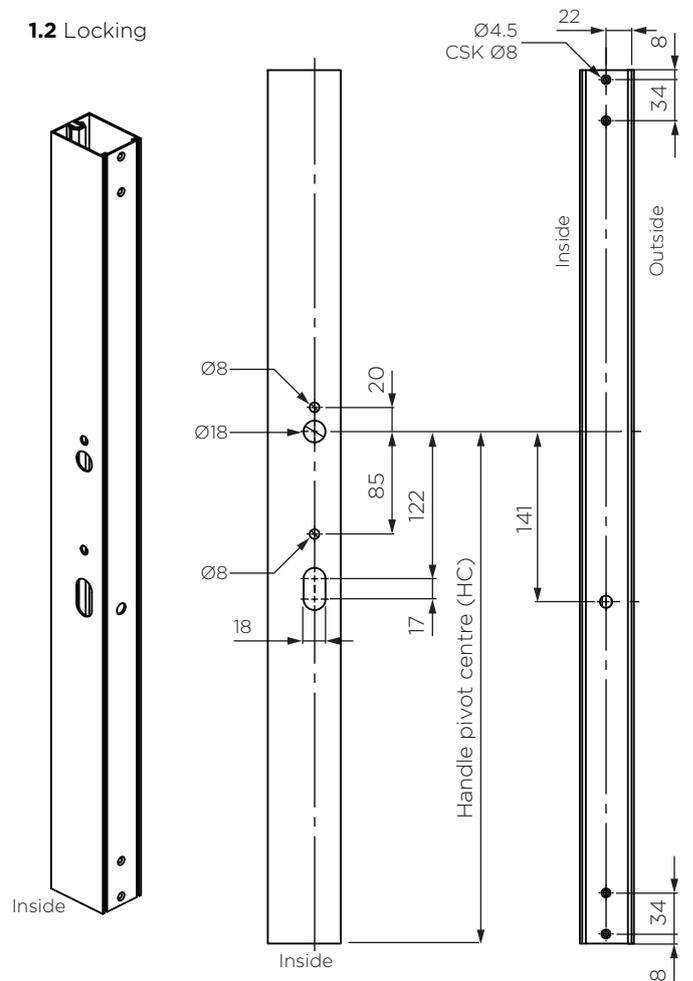


1. Door preparation

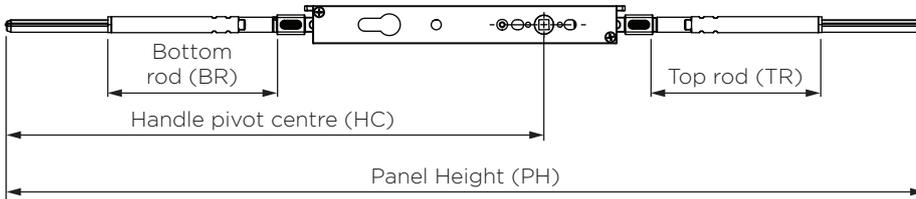
1.1 Non-Locking



1.2 Locking



2. Rods and D Tips

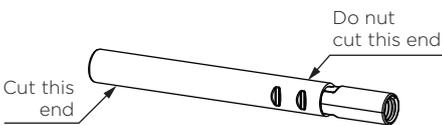


Use the following calculation for rod lengths (incl. extension rod)

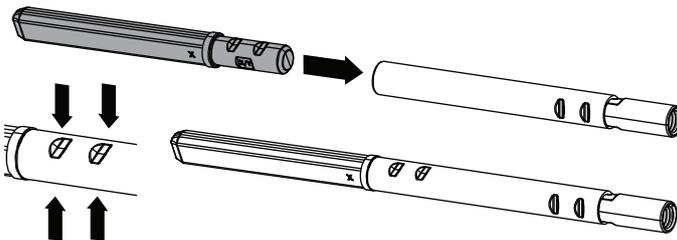
$$TR = PH - HC - 171mm$$

$$BR = HC - 295mm$$

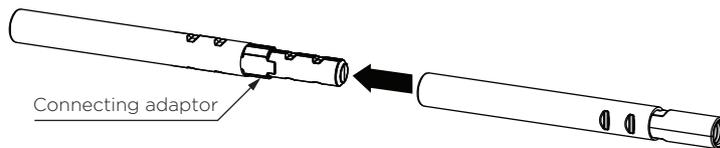
2.1 Cut the top and bottom rods on the ends which are not threaded



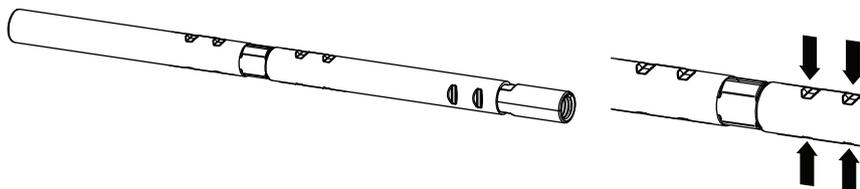
2.2 Attach D tips to rods by inserting them in the cut ends and crimping them tightly



2.2.1 If panel height is above 2.5m, use extension rod and cut as per the formula. Connect extension rod and top rod via connecting adaptor

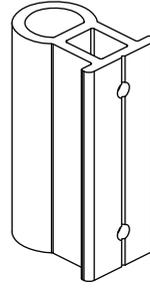
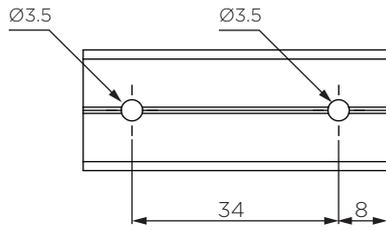


2.2.2 Crimp both ends tightly, then attach D tips as per step 2.2



3. D guides

Drill two holes on each of the D guides

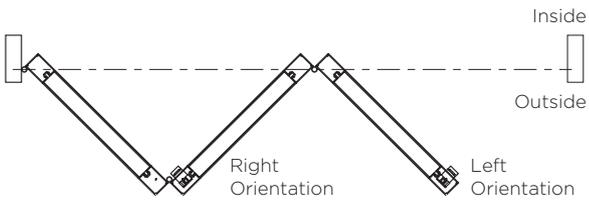


Note: Hole size critical for self-taping screws

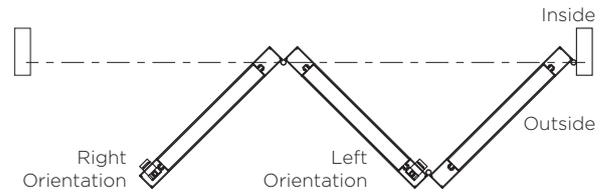
4. Orientation

4.1 Choose the right orientation to align the packers appropriately

Left opening

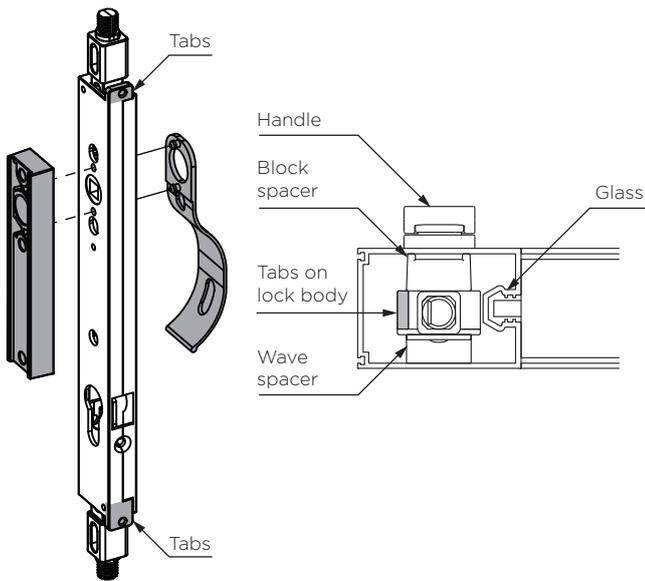


Right opening

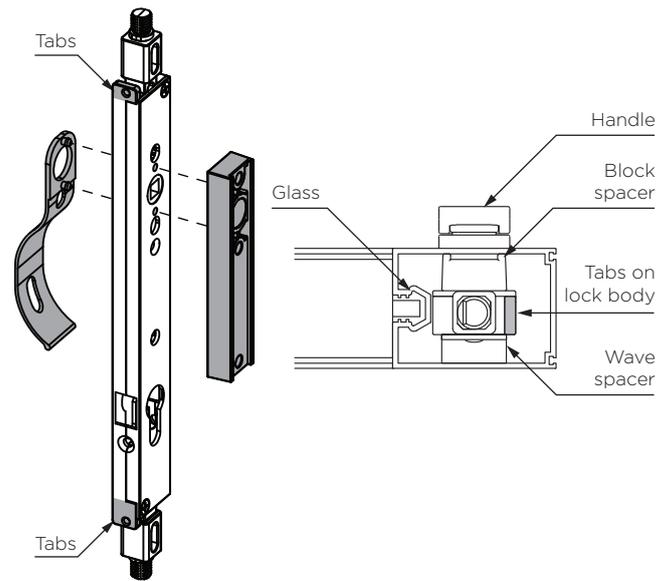


4.2 Press spacers onto body

Right orientation

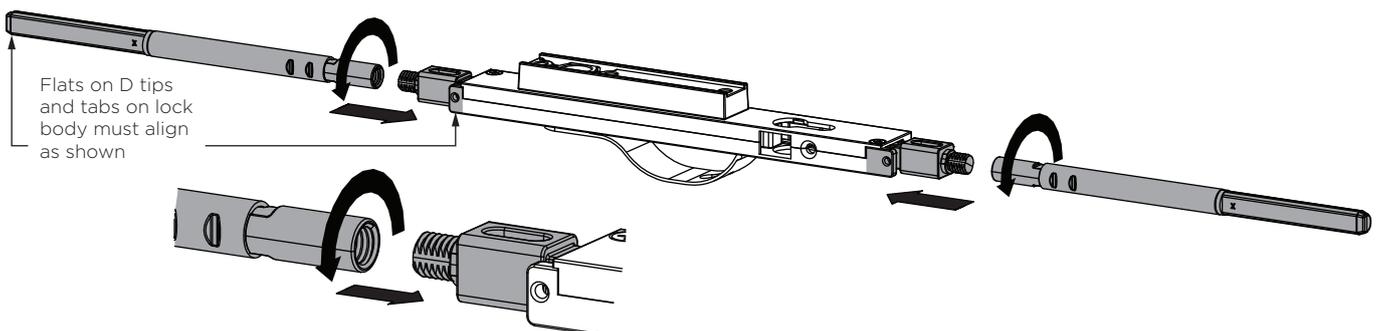


Left orientation

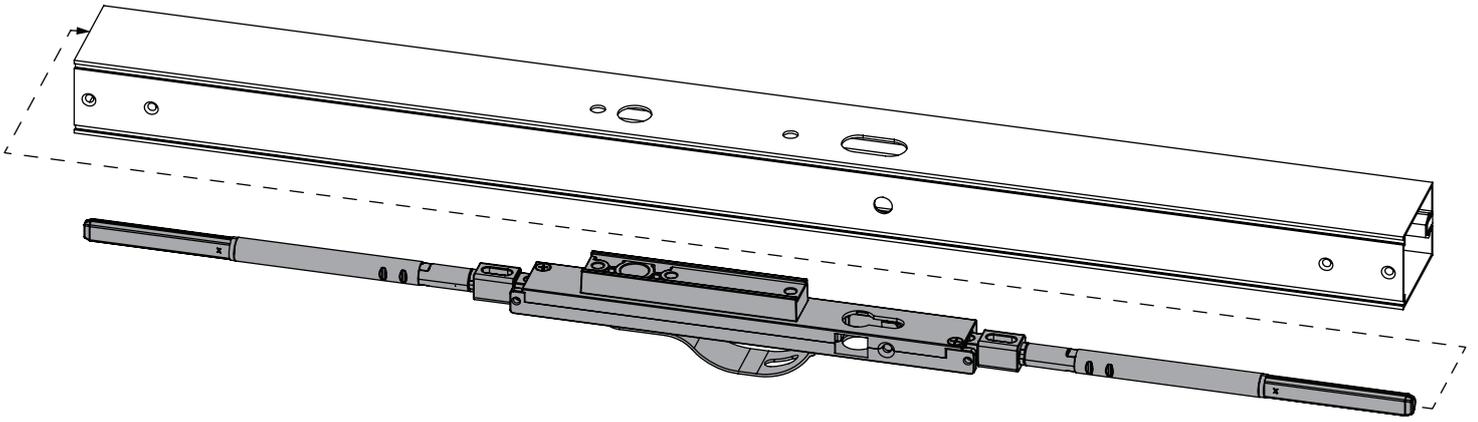


5. Assembly

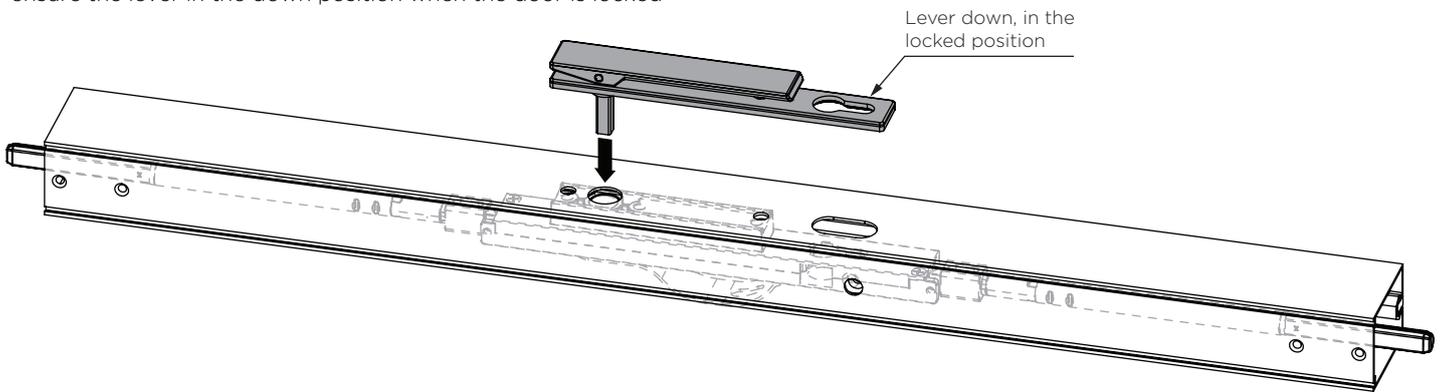
5.1 Attach rod and tip assembly to the lock body by screwing them onto the adaptors.



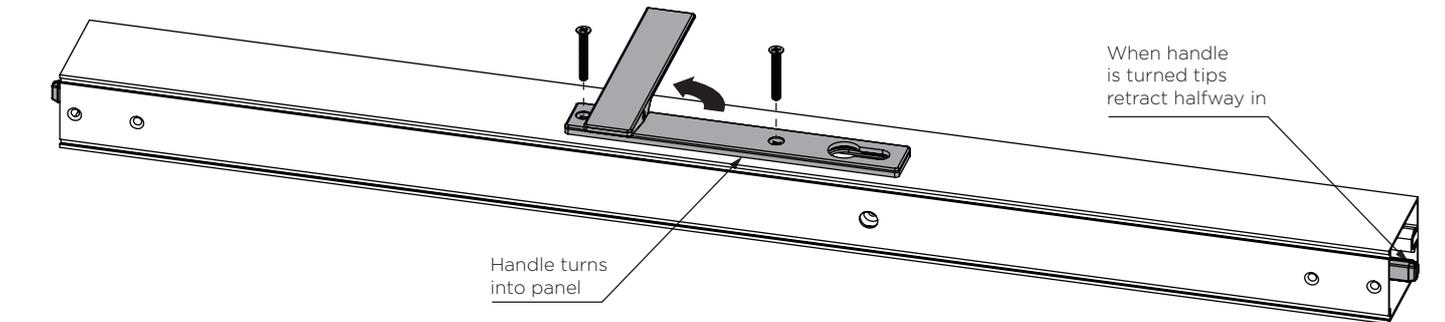
5.2 Insert lock assembly into the door stile (extend the bolts for ease of installation)



5.3 Position the handle while the D tips are fully extended, place the handle assembly with the lever in the down position, this is to ensure the lever in the down position when the door is locked

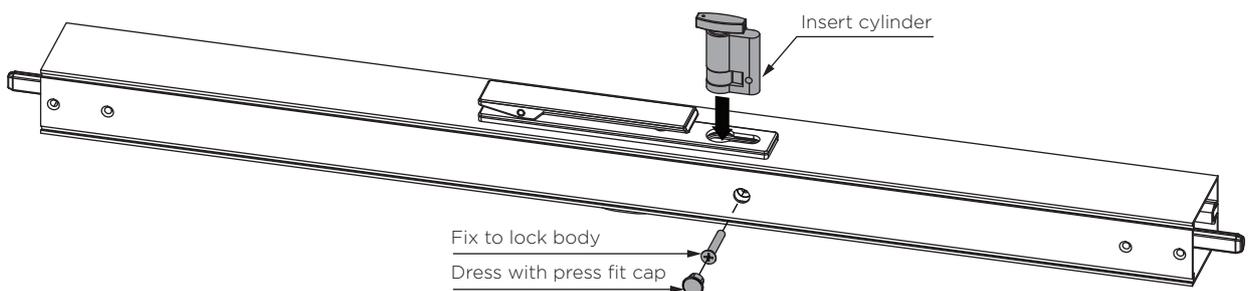


5.4 Rotate lever 90° into the panel to fix the 2 handle screws

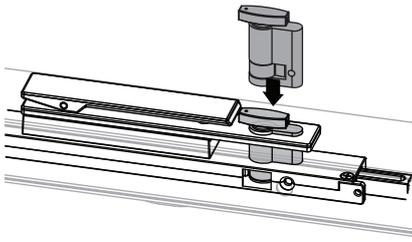


6. Cylinder

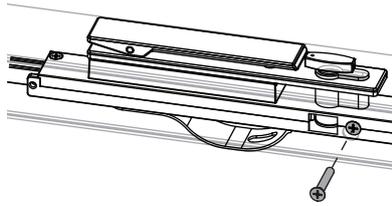
Only applicable for locking handles, for non-locking handles ignore step 6



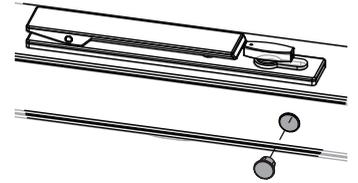
6.1 Insert the cylinder into the cylinder hole



6.2 Fix the cylinder to the lockbody using the cylinder retaining screw through the hole drilled on the edge of the stile

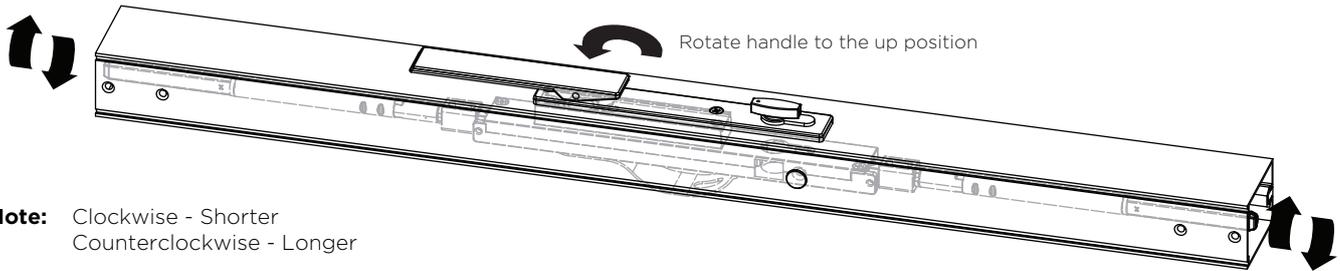


6.3 Once the cylinder is installed tightly in position, use the nylon cap to cover the hole



7. D tips adjustment

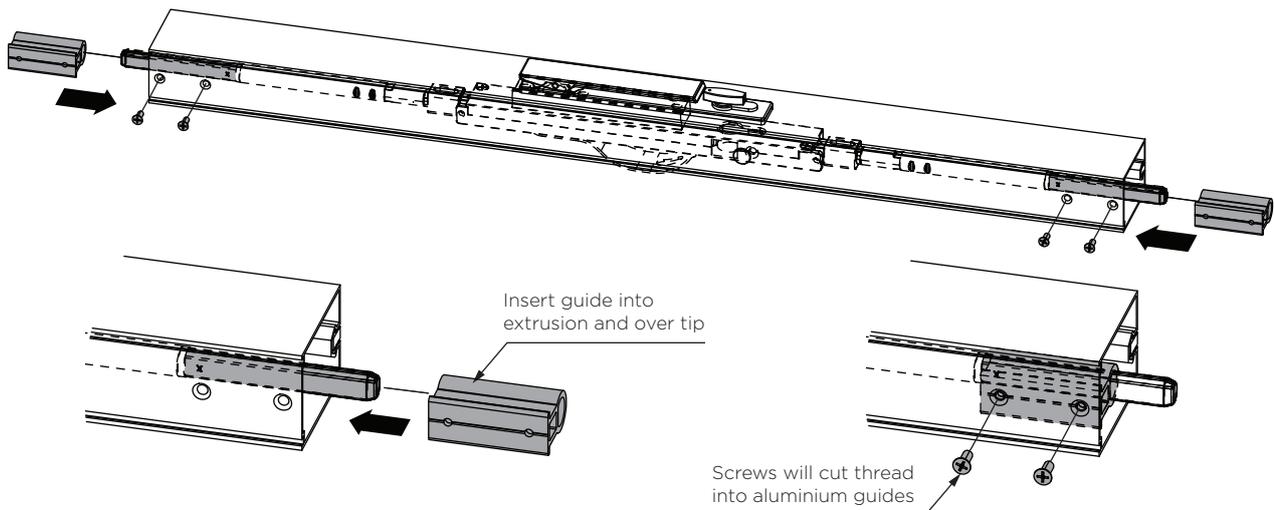
Rotate the D tips clockwise or counterclockwise so that they sit flush with the top and bottom ends of the stile



Note: Clockwise - Shorter
Counterclockwise - Longer

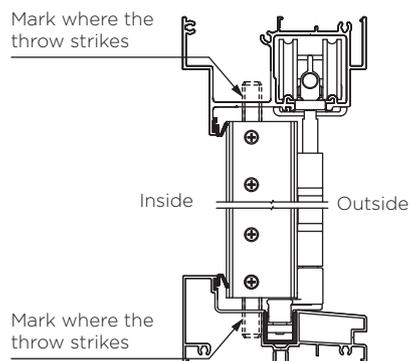
8. D guides

Rotate the handle to the down position and insert the D guides into the stile sliding them onto the tips so they sit flush with the top and bottom ends of the stile

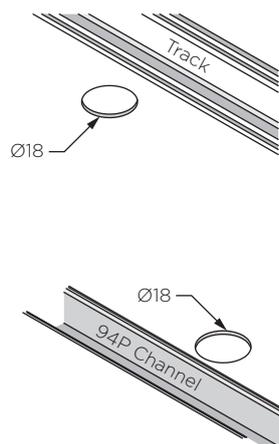


8. Install keeper

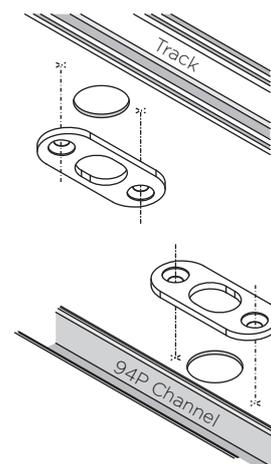
8.1 Mark where the D tip strikes the track at the top and in the channel at the bottom



8.2 Drill clearance holes in the track and channel for D tip to extend into

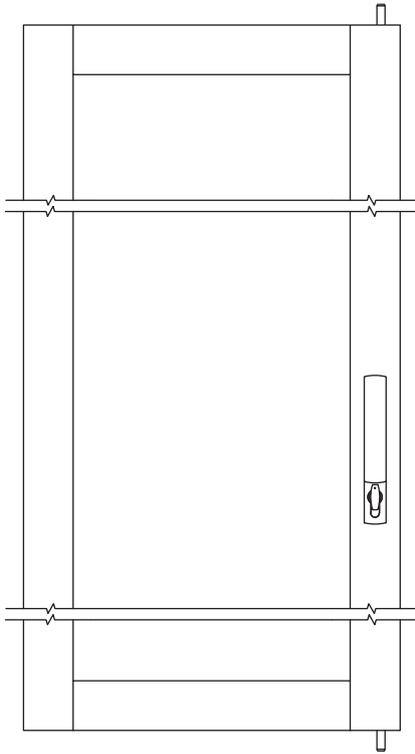


8.3 Screw keeper plates into position using the screws provided

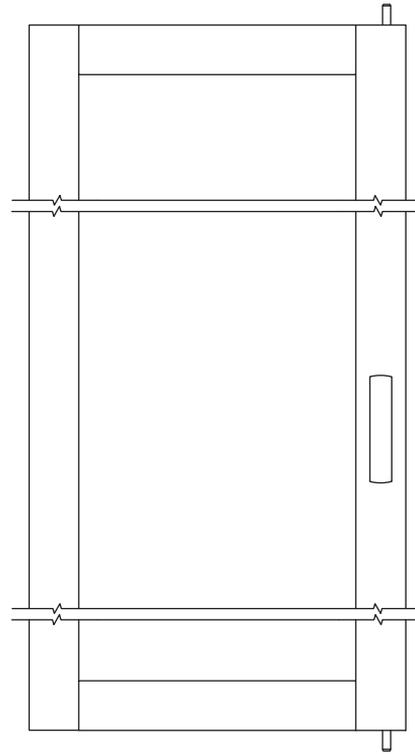


Overview

Locking



Non-Locking



CARE & MAINTENANCE

Installation

The product must be installed according to the instructions included in the product packaging and the door should be apertured according to the door “cut-out” dimensions and tolerances shown.

Prior to fitting ensure that:

Doors stored on site are stored in a clean dry area free from cement, lime, paint, acid etc.

During fitting of the lock ensure that:

- No metal swarf or other contaminants enter the lock body.
- The fixing screws do not damage the product finish.
- *Ensure that screws are not overtightened. Especially when using power tools*

After installation of the door ensure that:

- The door is correctly adjusted with the correct clearances.
- The lock engages the strike plate correctly.
- The door is protected from building fall-out such as wet plaster, mortar, paint and welding splatter.

If the door becomes contaminated:

- Do not paint the lock body or faceplate.
- Remove wet plaster, cement, mortar and other droppings immediately, using ample clean water and a sponge or rag, to avoid permanent staining or scratching of the product finish.
- If removal is delayed and scraping becomes necessary the surface finish may suffer.

Maintenance

- Annually inspect the door to confirm that the door operates with the correct clearances, closes and opens without obstruction and confirm that the lock beak slides easily into the strike plate aperture when the door is closed - adjust the door if necessary.
- Annually check that when the door is closed, the lock can be locked by key and by the snib lever.
- Quarterly wipe the strike plates with a soapy rag to remove built up debris and to lubricate the strike plate.

NOTE : The lock assembly has been lubricated for life, and should not be disassembled by the user.

Cleaning Powder Coatings

Every six months, powder coated surfaces should be cleaned to protect the finish. However, in areas where pollutants are more prevalent, especially in coastal or industrial regions, cleaning should be carried out every two to three months. To clean the powder coated surface:

- Carefully remove any loose deposits with a wet sponge.
- Use a soft brush (non abrasive) or cloth and a mild household detergent solution to remove dust, salt and other deposits. Do not use steel wool, scrapers, scouring liquids or powders to remove deposits as these permanently scratch the coating surface.
- Rinse off with clean fresh water



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