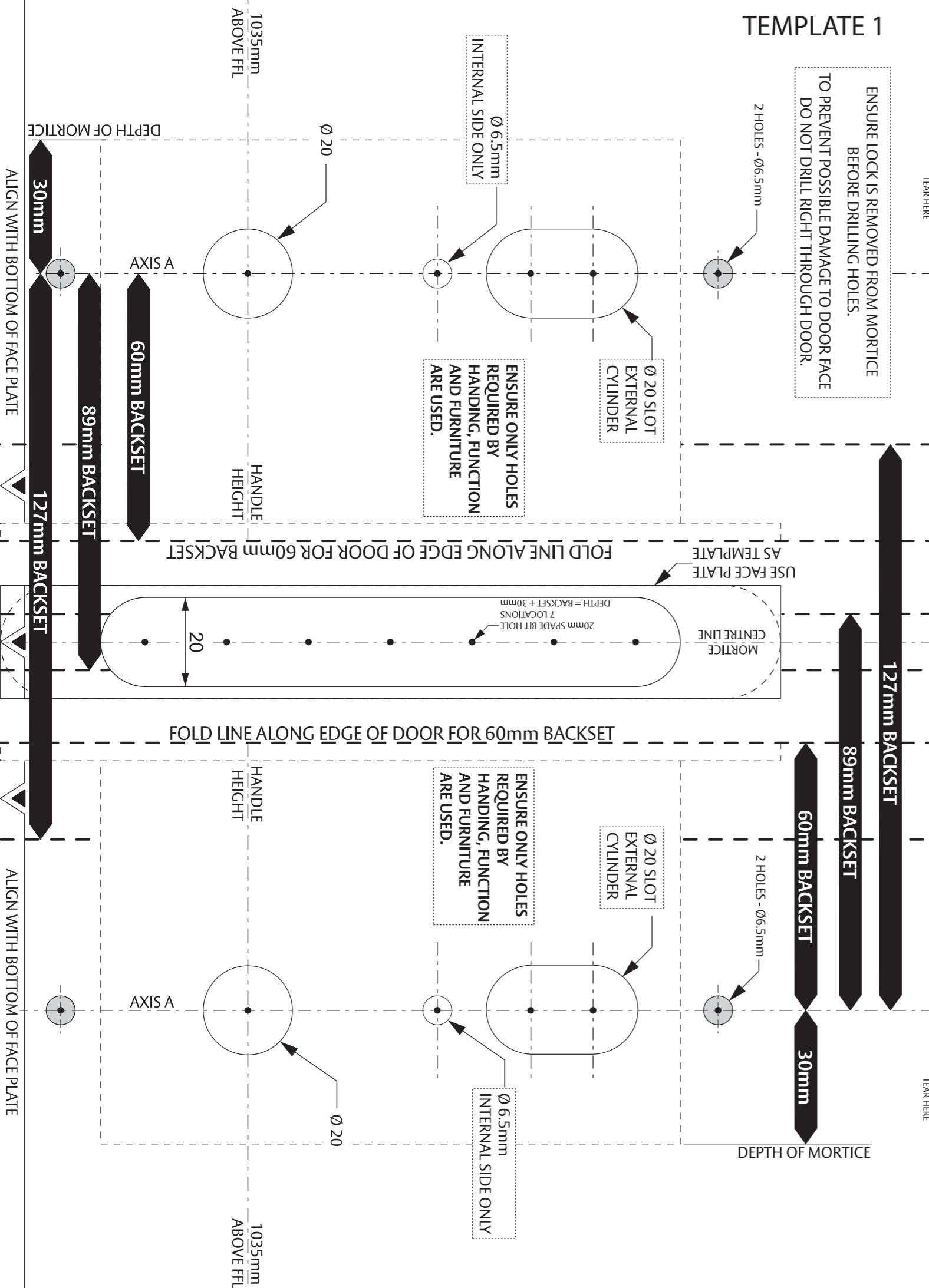


TEMPLATE 1



1 DOOR PREPARATION

- Determine height of panic exit device:
For new installations, 1035 above FFL is recommended.
For retro-fit applications, align with mortice lock lever.
- Using template 1 provided, complete mortice lock and furniture door preparation.
- Axis B should be greater than 50mm from the door frame. Ensure distance A~B is no more than 80mm longer than supplied panic exit device bar. Drill pilot holes on hinge side of door using Template 2.
- Set and install mortice lock, external cylinder and strike as per supplied instructions.

2 PANIC EXIT DEVICE HEAD HANDING

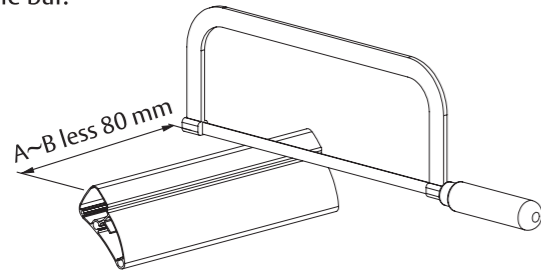
- Determine hand of door required from chart above.
- Panic exit device handing should be opposite to the door handing.
For a right hand door - the "L" should be visible.
For a left hand door - the "R" should be visible.
- Remove retaining ring and arm.
- Move pin to opposite side of plate.
- Rotate arm and fit onto pin. Ensure arm engages within trolley.
- Re-fit retaining pin.

3 PANIC EXIT DEVICE HEAD AND FURNITURE INSTALLATION

- Select correct spindle using Spindle selection table on Template 2 and cut as required.
- Cut M4 furniture screws to length.
 - (a) 1 screw @ **door thickness plus 10mm.**
 - (b) 1 screw @ **door thickness plus 13mm.**
- Fit external spindle, spring and furniture.
- Fit internal plate and using screw (a) with the countersink washer, fasten the external furniture.
- Place spindle and spring into lock on internal side, ensure trolley is held up and fit the head.
- Secure head to plate using M5 bolt and washer.
- Fit screw (b) and washer to the external furniture.
- Test operation by pushing trolley down to fully retract latch.
- Fit cover on head, if necessary adjust head positioning to align cover and mounting plate. Secure with 2 fixing screws.

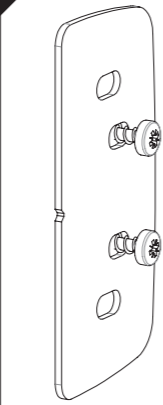
4 PANIC EXIT DEVICE BAR CUTTING

- Measure distance A~B, cut panic exit device bar to A~B less 80mm.
- Ensure cut is square and all debris is removed from the bar.



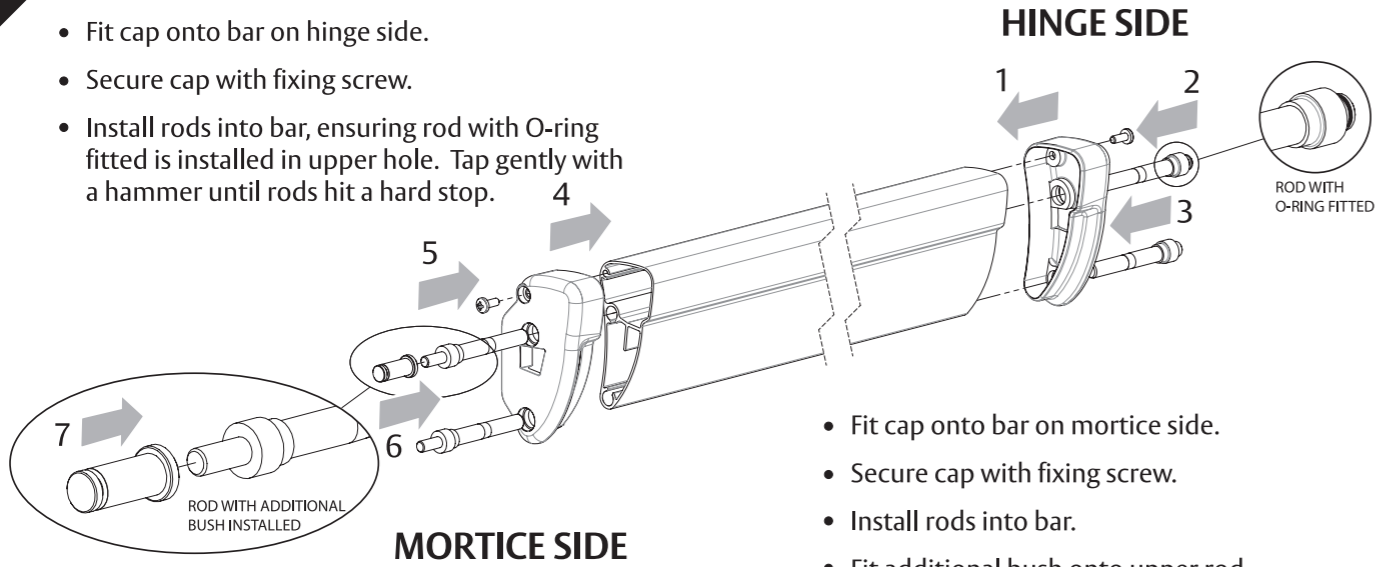
5 HINGE SIDE PLATE FITMENT

- Install two middle screws through the back plate.
- Do not drive the screws fully, leaving a 5mm gap between screw head and plate.



6 BAR ASSEMBLY

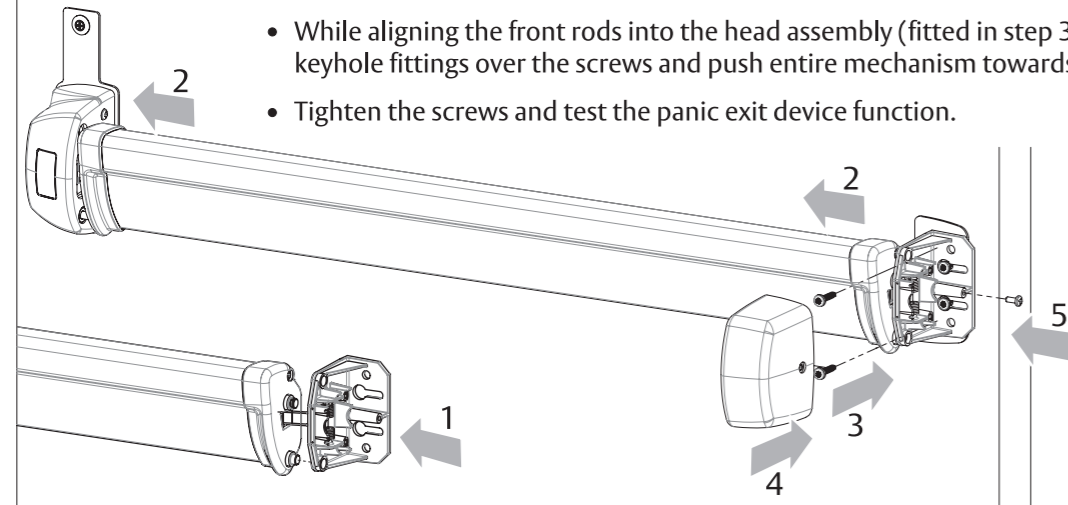
- Fit cap onto bar on hinge side.
- Secure cap with fixing screw.
- Install rods into bar, ensuring rod with O-ring fitted is installed in upper hole. Tap gently with a hammer until rods hit a hard stop.



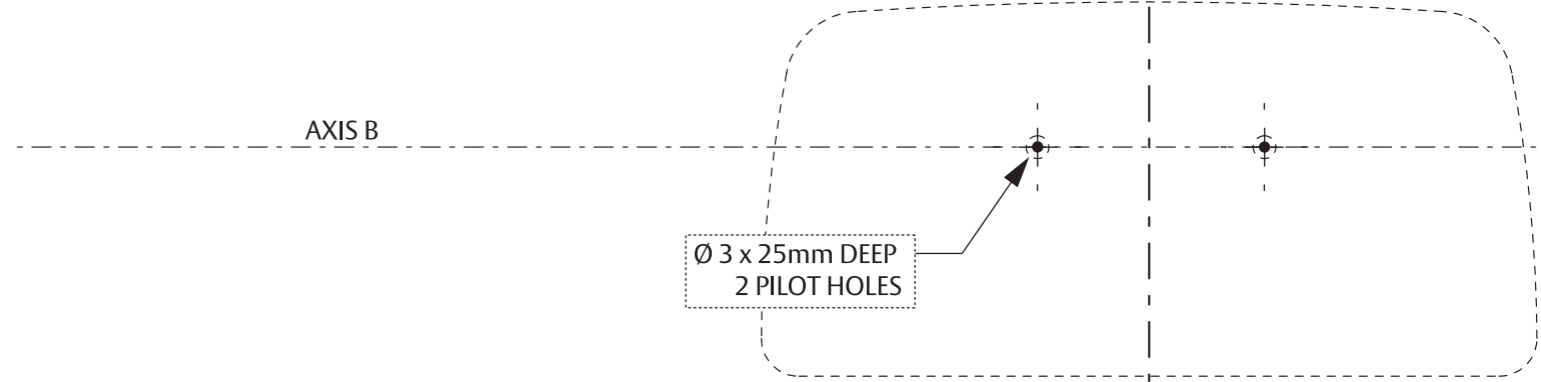
- Fit cap onto bar on mortice side.
- Secure cap with fixing screw.
- Install rods into bar.
- Fit additional bush onto upper rod.

7 FINAL ASSEMBLY

- Fit back mechanism into bar ensuring that the spring is engaged in the square hole and lower rod is fitted into its matching hole.
- While aligning the front rods into the head assembly (fitted in step 3), fit the back mechanism's keyhole fittings over the screws and push entire mechanism towards the mortice lock.
- Tighten the screws and test the panic exit device function.



- Drill two Ø3 x 25mm pilot holes and fit screws to secure the back mechanism.
- Fit cover, if necessary adjust positioning to align cover and mounting plate. Secure with 2 fixing screws.
- Test assembly to ensure that panic exit device fully retracts mortice lock latch when the bar is depressed.



Spindle selection table

	Door thickness
29mm long	32 - 34mm : Cut 25mm spindle at C 34 - 38mm : Cut 29mm spindle at A 38 - 42mm : 25mm spindle
25mm long	42 - 46mm : Cut 29mm spindle at B 46 - 50mm : 29mm spindle

 1035mm
 ABOVE FINISHED FLOOR LEVEL
