



MT6900 Series Euro mortise Lock

Installation Instructions

WARNING

The safety features of this product are essential to its compliance with EN179:2008. No modification of any kind, other than those described in these instructions is permitted.

Euro mortise lock manufactured in accordance with EN179:2008 will provide a high degree of safety and reasonable security; provide they are fitted to doors and frames of equal quality and in good condition. The door must be correctly hung and free from binding.

This equipment must be installed by a competent fitter. If these fixing instructions are not followed, then no responsibility for these fixing instructions must be passed to the user after installation has been completed.

DOOR SIZE

MT6900 series is suitable for door up to 2500mm height and up to 1000mm width.

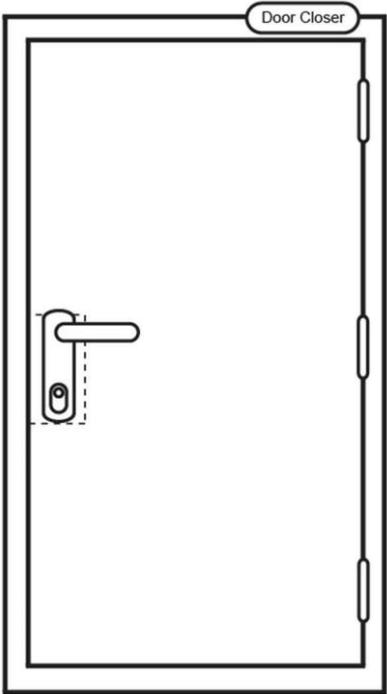
MAINTENANCE

It is recommended that the following routine maintenance check be undertaken at intervals of not less than one month by the occupier or approved representative:

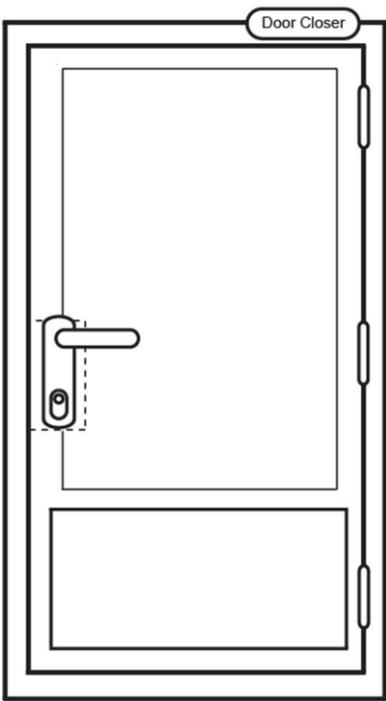
- a. Inspect and operate the lock to ensure that all components are in a satisfactory working condition.
- b. Ensure that the keeper is free from obstruction.

DEVICE APPLICATION

Wood Door/Metal Door



Glass Door

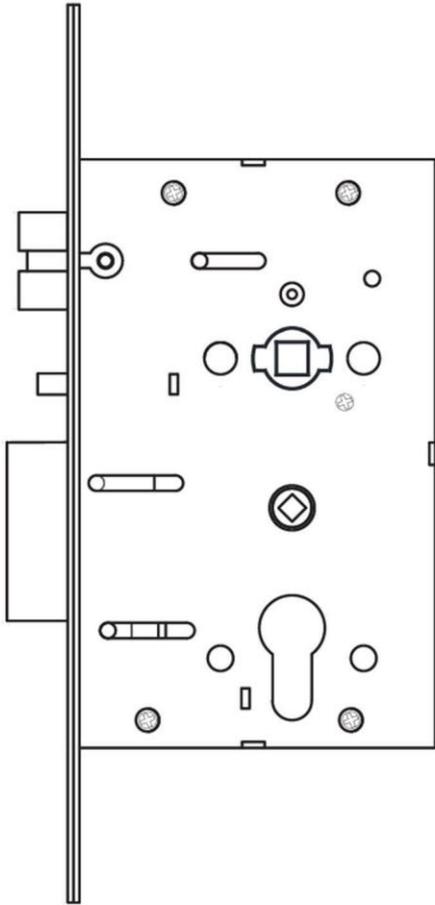


A. PARTS CHECK

1. Make sure the correct tools being used.
2. Make sure all parts are ready for install.
3. Make sure Euro profile cylinder and handles have been provided.

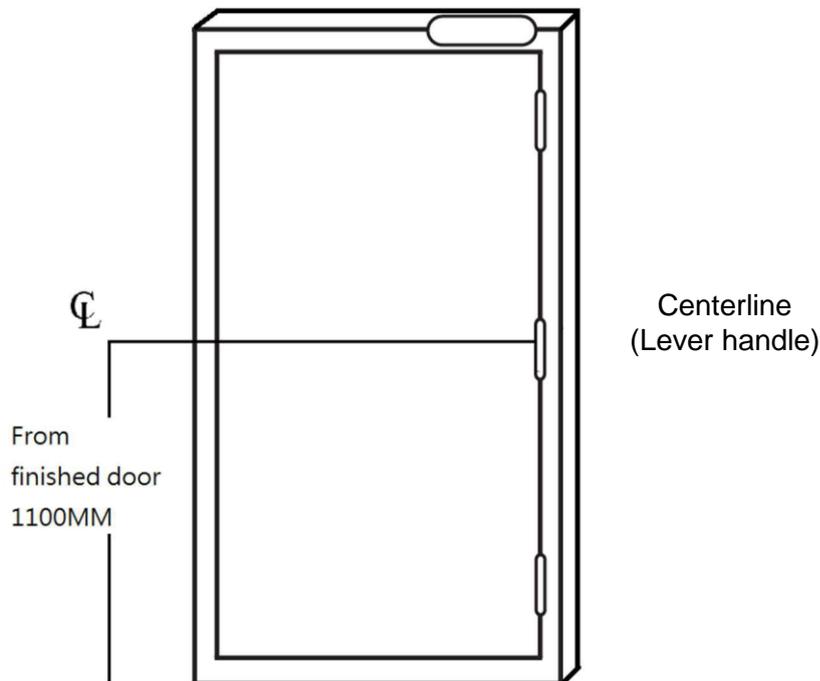


**Note: Do not use electric
Screwdriver to install**

 <p>Lock case X 1</p>	  <p>Hex wrench X 1</p> <p>Strike plate X 1</p>
	 <p>Machine Screw X 4</p>  <p>Wood Screw X 4</p>  <p>Face Plate Screw X 2</p>

B. DOOR PREPARATION

1. Door must be fitted and hung properly before proceeding.
2. Measure 1100MM from finished floor, mark a horizontal line on door and door edge.



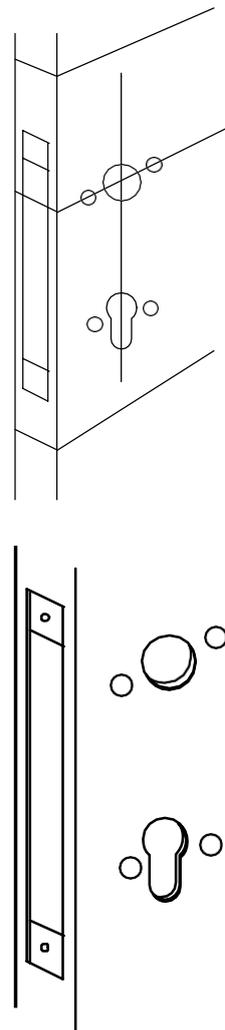
C. Installation Manual

A. Door preparation

(Below instructions all are use right hand open direction to install)

1. Measure the 1100MM height from the floor to the door edge. Then across the door and door edge to draw a horizontal line and make a centerline of lever handle mark.
2. Stick the template on the door by aligning the centerline of handle and mark each center of circle.
3. Align both the horizontal centerline of lever handle and vertical centerline of door thickness. Then dig a square hole:
24mm W x 98mm D x 175mm H
4. Mortise door edge according to measurements of installation template and drill proper holes for trims & cylinder.

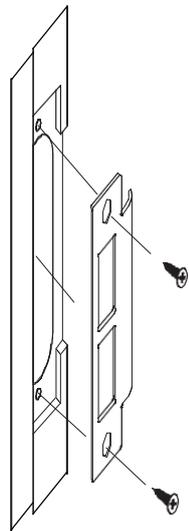
NOTE: When drilling the thru-bolt hole, in order to avoid rough edge, it must drill the hole from both sides. Recess for the face plate, the dimension is *24mm W x 3mm D x 240mm H*
Ensure the faceplate can fit flush with the door edge surface.



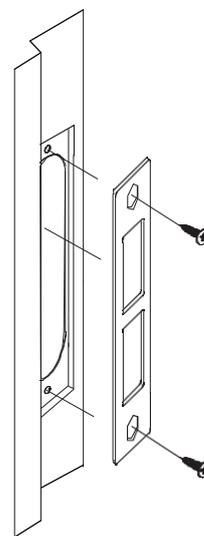
B. Strike installation

1. Drill a \varnothing 28.4mm hole with 25mm depth and 135 High on the center of strike outline.
2. Use the chisel to scrape out the door frame for 160.4mm high, 28mm width and 1.5mm deep.
3. Drill \varnothing 3.0mm with 15mm Depth of screw holes (top and bottom).
4. Then insert the strike plate and tighten it with screws. Be sure the holes for thru-bolts should be horizontally aligned. Ensure to chisel deep enough to allow the strike lay flush with the frame surface.

Attention : When the door edge size is more than 65mm, please use the specific thrust plate.



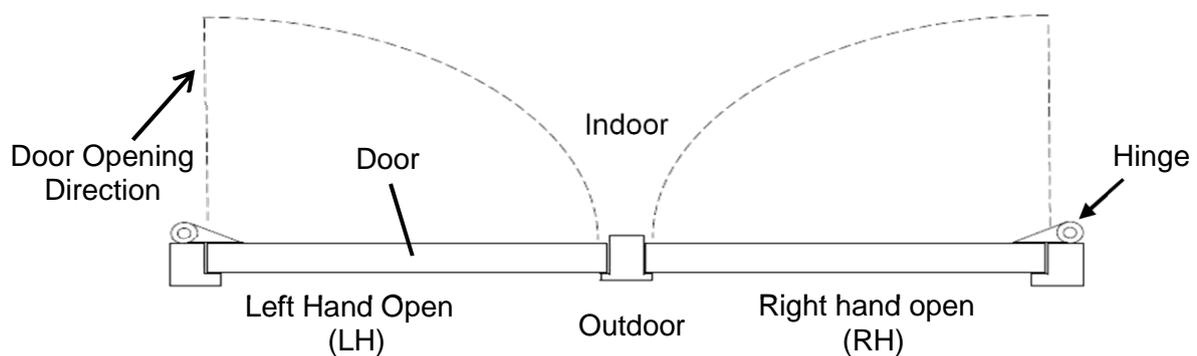
Schematic diagram for install thrust plate (When door edge is less than 65mm)



Schematic diagram for install thrust plate (When door edge is more than 65mm)

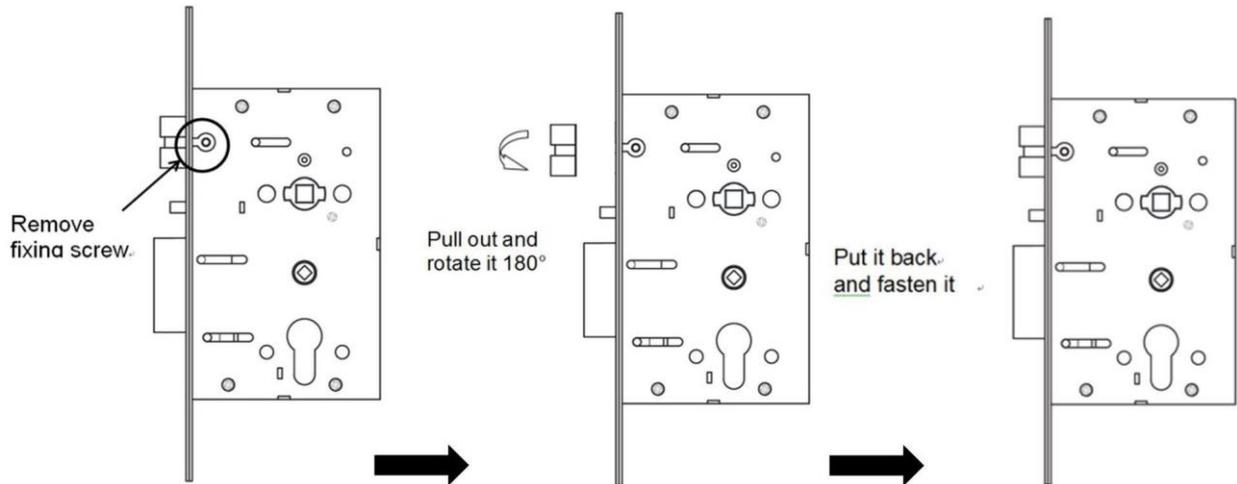
C. Install lock case & cylinder

1. Make sure the lock hand to match door hand, use the following diagram to determine the hand of door.



2. Change latch bolt's open direction :

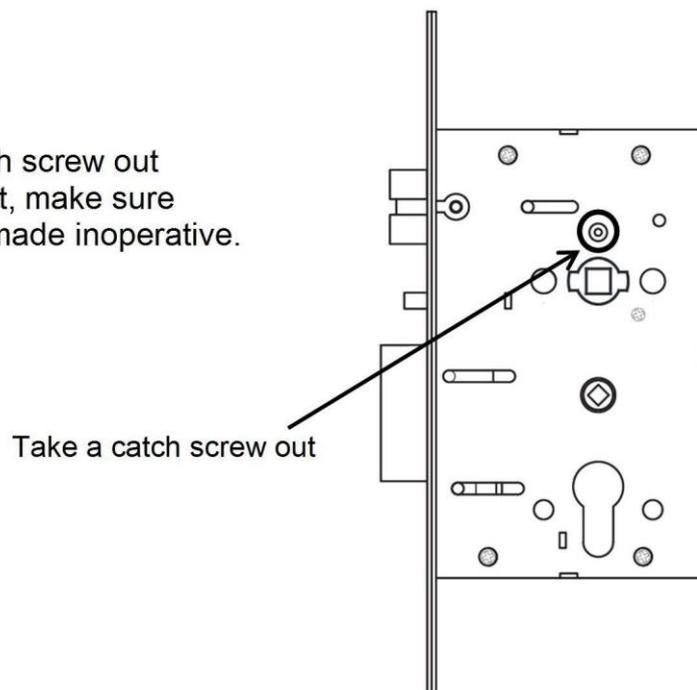
If the hands of latch bolt don't match door hand, please remove fixing screw and pull latch bolt out from the lock case, then turn complete unit having the bevel of latch bolt to reverse door handing. Position latch bolt back and fasten it.



3. Set outside hand of lock case

There are two screws of lock hand on both sides of chassis. Take catch screw out from one side of chassis which is going to face outside of door. And another catch screw must always be on inside of chassis. For RH, the catch screw will be on the lock case side. For LH, the catch screw will be on the lock case cover side.

- (1) Take the outside catch screw out
- (2) Use the spindle to test, make sure outside lever can be made inoperative.



4. Insert the lock case into cut-out position and fasten screws to door.
5. Fix the cylinder base with mounting screws.
6. Insert cylinder into lock through door. Fix in position with the M5 screw, check the operation of the lock bolt from both sides. Fix the cylinder cover.
7. Install face plate onto lockcase front and then fasten with supplied screws.



8. Insert the spindle into handle, and adjusted the spindle length and fasten the screw.
9. Install the handle with through bolt, check the operation of the handles from both sides. Then fix the handle cover.



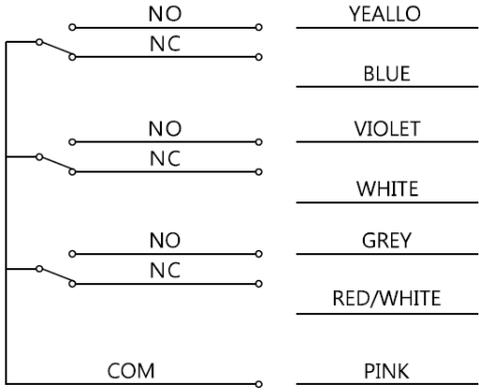
Wiring Diagrams

Power 12V/24V field selectable
(24V-Remove the jumper)

LATCH
zapah

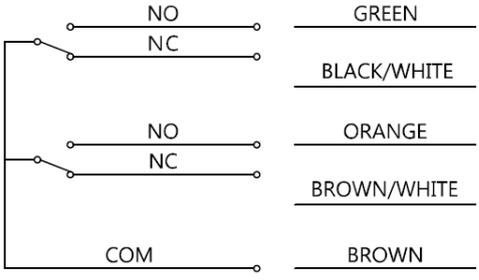
REX
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AUX LATCH
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DEADBOLT
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CYLINDER
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