



## WATER STREET BRASS

# Mortise Entry Handle Set, Thumb Piece x Thumb Piece

These instructions are for the installation a mortise lock entry set with a thumbpiece on both the exterior and interior plates.

### PREPARE THE DOOR

1. If your door has not already been prepared for your lock installation, do so by using the templates provided for your specific lock model. Be sure to confirm the proper backset, function and handing for your door prior to any drilling or mortising.
2. Because this is a thumbpiece by thumbpiece application, the pulls will be secured to the plates prior to assembly. No through bolting will be used.
3. Install the mortise lock body in the door using the screws provided. Do not install the lock body face plate at this time.

### INSTALL THE HARDWARE

4. Measure the distance to the middle of the lock body. Cut both of the thumbpiece stems so that they project no further than halfway through the lock body. They should fully engage the thumbpiece toggle located at the bottom of the lock body.
5. Position the interior plate on the door, sliding the thumb turn tailpiece into the lock body and positioning the interior thumbpiece stem so it is contacting the toggle on the lock.
6. Assure the plate is parallel to the door edge and that the thumb turn works without jamming. When satisfied with the plate position, mark the surface mount screw hole locations on the door and drill 1/16" pilot holes for the surface mount screws.

**Note:** the pilot holes are important to guide the screws in straight and to prevent splitting of the wood surface.

7. Complete the installation of the interior plate assembly. **DO NOT** use a power drill or screwdriver to install the surface mount screws.
8. Position the exterior plate & pull assembly onto the door. Thread the mortise cylinder into the lock body - this will help you hold the plate in place.

As with the interior plate, check the plate alignment, mark the screw hole locations and drill the pilot holes.

9. Check the function of the mortise cylinder and the thumb piece to make sure the lock works properly. When satisfied, lock the cylinder in place by tightening the cylinder retention screws from the edge of the door.

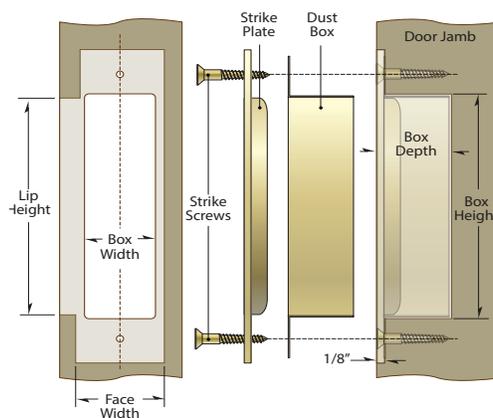
10. Carefully install the surface mount screws on the plate as with the interior plate.

11. Once satisfied that the lock functions with both the key cylinder and the thumb turn, and that both thumb pieces operate the latch, you can now attach the mortise lock face plate.

### DOOR JAMB

12. Carefully measure the jamb to determine the exact location that the lock bolt will land when the door is fully closed. Mark the location. Using the strike plate as a template, outline the shape and begin to mortise the door jamb 1/8" deep to accept the strike and lip.

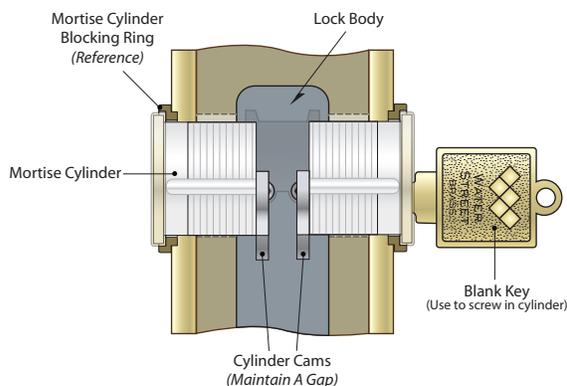
Finally, mortise the jamb to the proper depth to accept the dust box.



### KEY X KEY OPTION

13. If your hardware uses two cylinders instead of an interior thumb turn, the cylinders should be inserted into the both plates so that they each engage the lock mechanism, making sure the cams on the cylinders do not interfere with one another, as shown.

Depending on the thickness of your door, cylinder blocking rings may be needed to achieve proper spacing.





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