

# LockMate

## **A Step by Step Guide to Using the LockMate Jig**

Prepare door to fit into door frame or door lining by cutting or planing as required.

If fitting a new door to an existing door frame, mark the height of the lock with a pencil while the door is positioned in the frame. If the door and frame are new simply measure down from the top of the door to the height at which the lock is required.

Place the door on the ground on the face on which the hinges are to be cut into. Support the door so that it does not move from side to side. Place the Jig over the edge of the door to which the lock is to be fitted. Line up the centre of the Jig with the position where the centre of the lock is required. Secure the Jig to the door using the self-centering handles.

Select the type of lock to be fitted. The choice of lock used will prescribe which plates are required to achieve the correct side holes, key and handle holes, and which bushes and cutters are needed to produce the main mortice for the body of the lock and the faceplates trench.

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## **Set Up Procedure for a 22mm Wide Faceplate, 64mm Mortice Lock and Latch**

1. Using the Allen Key provided, move the sliders on the top of the jig to the required pre-set position for the faceplate size and tighten.
2. Place an 18mm guide bush and a 6.35mm (1/4") straight cutter in the router and tighten securely. Ensure the operator is wearing the appropriate protective clothing when operating power tools i.e. dust mask and eye protection.
3. Set the depth stop of the router to the thickness of the faceplate plus the thickness of the Jig.
4. Place the router on top of the Jig so that the guide bush has engaged into the aperture. Turn on the router and plunge into the door edge thereby removing timber for the faceplate trench.
5. Replace the 6.35mm (1/4") straight cutter with a 9.5mm (3/8") pocket cutter. Leave the 18mm guide bush in position.
6. Tighten the correct side plates in the 64mm (2 Y2") position on the side of the Jig.
7. Place the router on the side of the Jig and plunge the router down until the cutter meets the door face. Adjust the depth stop to half the thickness of the door.
8. To form the key and handle holes, place the router and guide bush in the side holes of the Jig and plunge the face of the door using shallow steps to minimise the stress on the cutter.
9. Remove the 9.5mm (3/8") pocket cutter and 18mm guide bush and replace them with a 12.7mm (Y2"), 65mm long straight cutter and a 30mm guide bush.
10. Undo the sliders on the top of the jig and re-position to the pre-set body of lock position and tighten securely.
11. Set the depth stop to the required depth of the lock body.
12. Place the router on top of the Jig and plunge out for the main body of the lock. This must be done in shallow steps to minimise the stress of the cutter.
13. Clean out the hole and fit the lock.

# LockMate

## **Setup up Procedure for a 25mm Wide Faceplate, 64mm Mortice Lock and Latch**

1. Using the Allen Key provided, move the sliders on the top of the Jig to the required pre-set position for the faceplate size and tighten.
2. Place an 18mm guide bush and a 9.5mm (3/8") pocket cutter in the router and tighten securely. Ensure the operator is wearing the appropriate protective clothing when operating power tools i.e. dust mask and eye protection.
3. Set the depth stop of the router to the thickness of the faceplate plus the thickness of the Jig.
4. Place the router on top of the Jig so that the guide bush has engaged into the slot. Turn on the router and plunge into the door edge thereby removing timber for the faceplate trench.
5. Tighten the correct side plates in the 64mm (2½") position on the sides of the Jig.
6. Place the router on the side of the Jig and plunge the router down until the cutter meets the door face. Adjust the depth stop to half the thickness of the door.
7. To form the key and handle holes, place the router and guide bush into the side holes of the Jig and plunge the face of the door using shallow steps to minimise the stress on the cutter.
8. Remove the 9.5mm (3/8") pocket cutter and 18mm guide bush and replace them with a 12.7mm (½"), 65mm long straight cutter and a 30mm guide bush.
9. Undo the sliders on the top of the Jig and re-position to the pre-set body of lock position and tighten securely.
10. Set the depth stop to the required depth of the lock body.
11. Place the router on top of the Jig and plunge out for the main body of the lock. This must be done in shallow steps to minimise the stress on the cutter.
12. Clean out the hole and fit the lock.

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## **Set up Procedure for a 25mm Faceplate Chubb or High Security Lock**

1. Using the Allen Key provided, move the sliders on the top of the Jig to the required pre-set position for the faceplate size and tighten.
2. Place an 18mm guide bush and a 9.5mm (3/8") pocket cutter in the router and tighten securely. Ensure the operator is wearing the appropriate protective clothing when operating power tools i.e. dust mask and eye protection.
3. Set the depth stop of the router to the thickness of the faceplate plus the thickness of the Jig.
4. Place the router on top of the Jig so that the guide bush has engaged into the slot. Turn on the router and plunge into the door edge thereby removing timber for the faceplate trench.
5. Tighten the correct side plates in the 64mm (2 Y2") position on the sides of the Jig.
6. Place the router on the side of the Jig and plunge the router down until the cutter meets the door face. Adjust the depth stop to half the thickness of the door.
7. To form the key and handle holes, place the router and guide bush into the side holes of the Jig and plunge the face of the door using shallow steps to minimise the stress on the cutter.
8. Remove the 9.5mm (3/8") pocket cutter and 18mm guide bush and replace them with a 16mm (5/8") 65mm long straight cutter and a 30mm guide bush.
9. Undo the sliders on the top of the Jig and re-position to the pre-set body of lock position and tighten securely.
10. Set the depth stop to the required depth of the lock body.
11. Place the router on top of the Jig and plunge out for the main body of the lock. This must be done in shallow steps to minimise the stress on the cutter.
12. Clean out the hole and fit the lock.