



Installation instructions for the 655 series mortice locks

655 series 57.5mm backset & 655 series 45.5mm backset

(Purchase door furniture separately – recommended for use with Gainsborough Architectural 9600 or 9400 lever series or the Gainsborough Contractor 700 lever series).

Refer to the following instructions in conjunction with the template provided. The template shows the mortice and drill hole locations for the two product versions:

- **655 series 57.5mm backset**
MARKED AS RED ON TEMPLATE
- **655 series 45.5mm backset**
MARKED AS BLACK ON TEMPLATE

Mark door edge

- Mark vertical centre line on door edge with pencil.
- Position template for door edge, ensuring the vertical centre line marked on template lines up with the vertical centre line marked on door edge. Using template, mark outline of faceplate with pencil.
- Remove template and position faceplate of lock on to area as marked and carefully cut into the outline with a knife.
- Chisel out the above area with a sharp chisel to the depth of the faceplate of the lock (approximately 4mm).

Mortice out door edge

- Drill a series of 19mm holes as shown on door edge template to the correct depth to suit the lock body size chosen. In order accurately drill these holes to the correct depth, mark the drill bit with a piece of tape to indicate the correct drill depth. The DOOR FACE template can be used to assist in measuring the correct depth by following these procedures:
 - If the lock is the **Gainsborough 655 series 57.5mm backset**, then mark your drill bit with tape according to the RED line on the template. The RED line indicates the lock body depth for this lock.
 - If the lock is the **Gainsborough 655 series 45.5mm backset**, then mark your drill bit based on the BLACK line. The BLACK line indicates the lock body depth for this lock.
- On completion of drilling, remove and clear out remaining timber with a sharp chisel.
- Drill small diameter holes as marked on template for faceplate installation (top and bottom) to suit the screws supplied.

Drill holes through door face

(Please refer to instructions included in separate door furniture pack and use in conjunction with the following):

- Drill 19mm diameter hole for spindle, as shown on template, ensuring that the hole is drilled from both sides of door.
- Drill 17.5mm diameter hole and 10.5mm diameter hole as shown on template for cylinder:
 - For double cylinder or for single cylinder and turn, ensure these holes are drilled **from both sides of the door**.
 - For single cylinder with no turn, drill hole from **one side only** to correct depth to meet mortice for lock body.

Then chisel out timber in between these holes to create an elongated hole for cylinder.

- **IF REQUIRED**, drill two only 7mm diameter holes through door face, as shown on template for door furniture fixing screws.
(check door furniture instructions for relevant location and hole diameter details.)

Install mortice lock, door furniture, cylinder and key escutcheons

- Ensure bevel of latchbolt is facing direction of door closure. If this needs to be altered on mortice lock, insert and press Phillips head screw driver behind latchbolt and then rotate latchbolt 180 degrees.
- Fit lock, cylinder, furniture and cylinder escutcheons (if applicable) – refer to detail in door furniture packs for relevant instructions relating to door furniture requirements.

Mortice out and install strike box

- Extend deadbolt with key.
- Close door and mark location of both latchbolt and deadbolt on the door jamb.
- Extend these lines across jamb and mark the centre position of where latchbolt and deadbolt would locate in jamb on door closure.
- Trace outline of strike box when centred over the marked locations of latchbolt and deadbolt. Knife out outline.
- Chisel out recess in door jamb for faceplate area and depth of strike box.
- Drill four only small diameter holes and install with screws supplied.

655 series mortice locks

Installation Template

