BRAMAH FITTING INSTRUCTIONS

For MD27, MD17, MD27A, MD17A, MD17K, MD17KA and MDD27, MDD17, MDD27A, MDD17A, MDD17K, MDD17KA mortise deadlocks into wood

Tools required

Brace with 22mm ($^{7}/_{8}$") or 19mm ($^{3}/_{4}$") and 14mm ($^{9}/_{16}$") wood bits
Bradawl
Chisels - 22mm ($^{7}/_{8}$") or 19mm ($^{3}/_{4}$") and 14mm ($^{9}/_{16}$")
Mallet
Pencil
Sharp knife
Rule
Screwdrivers - medium and small

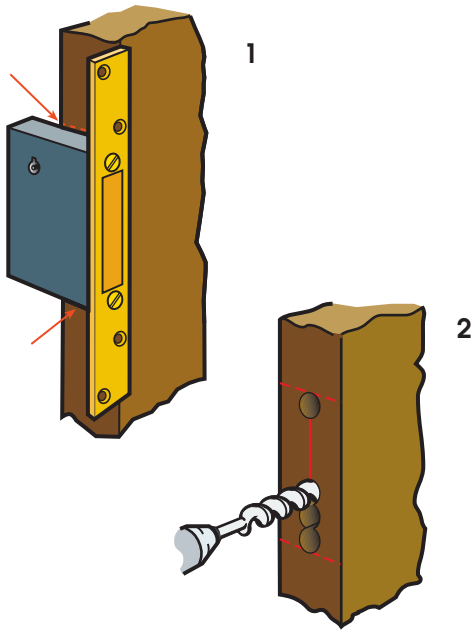
If a power router is available the drilling and most of the chiselling can be avoided and installation time reduced.

Lock

1 If only a lock is being fitted, position equal distances from top and bottom of the door, taking care not to position the lock where its installation would damage the door construction.

If a lock is being fitted and a Rim Cylinder or Mortise Sash lock, fit the deadlock $^{1}/_{3}$rd up from bottom of the door.

Hold lock body against door edge and mark height of the body as illustrated.



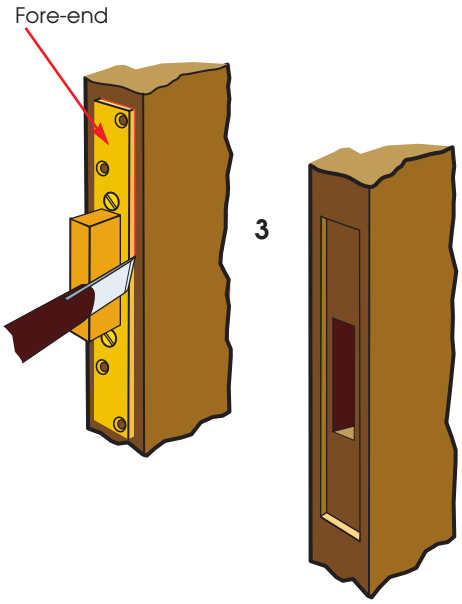
2 Between the two lines mark a central vertical line.

On the vertical line, keeping the 19mm ($^{3}/_{4}$") or 22mm ($^{7}/_{8}$") at right angles to the surface, drill a hole at each end followed by a row of overlapping holes all to a depth of 60mm ($2^{3}/_{8}$") for the MD range or 84mm ($3^{5}/_{16}$") for the MDD range.

Chisel away the waste timber to create a vertical mortise.

3 Insert the body of the lock into the mortise and mark around the fore-end using a sharp knife.

Remove the lock then cut a recess to a depth of 3mm ($^{1}/_{8}$") to accept the fore-end. Check that it is flush with the edge of the door.



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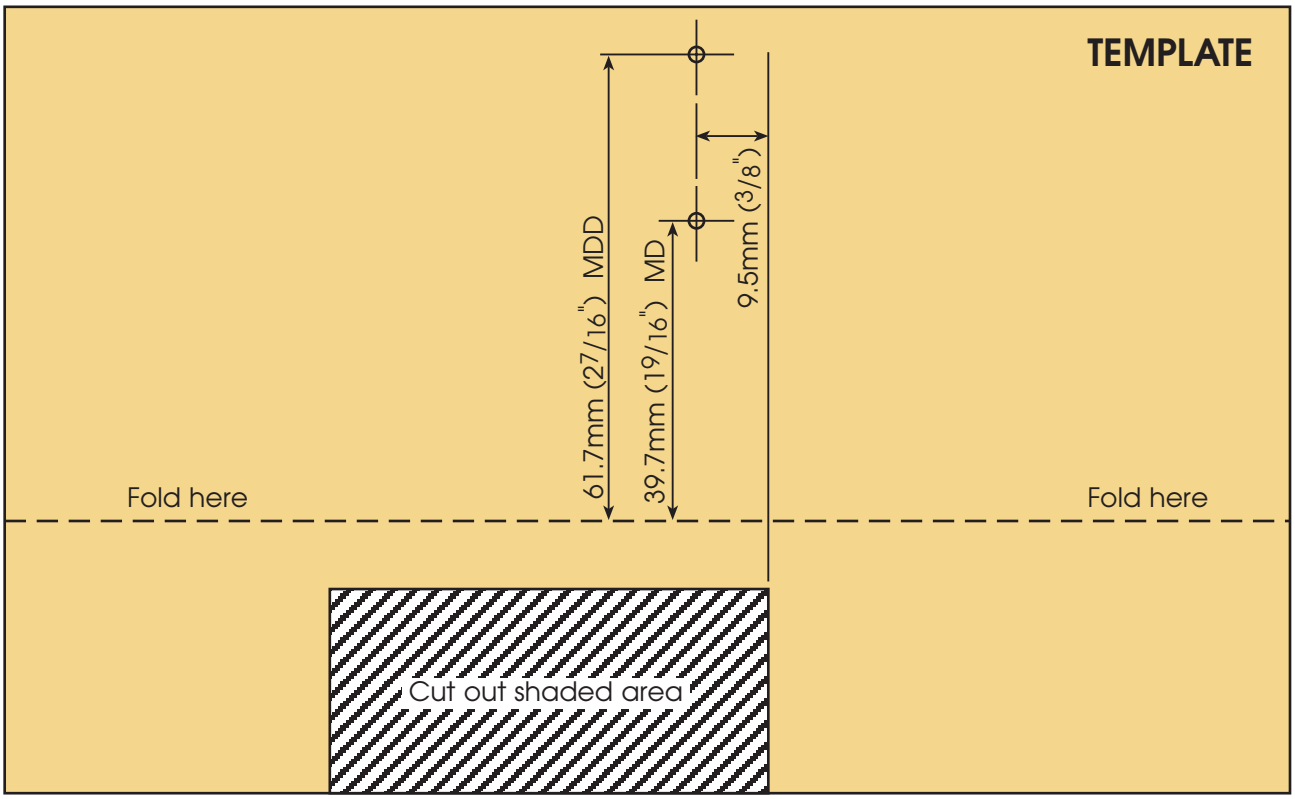
4 As the keyholes on either side of the lock / door are not opposite, check the approximate position of the keyhole on each side.

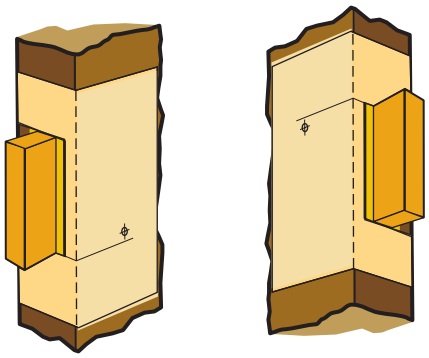


5 Use a **full size** print out of the template, and, if necessary, mount on card. Place the cut-out over the bolt and mark the centre of the keyhole. Turn the template upside down and mark the other keyhole centre.

Remove the lock.

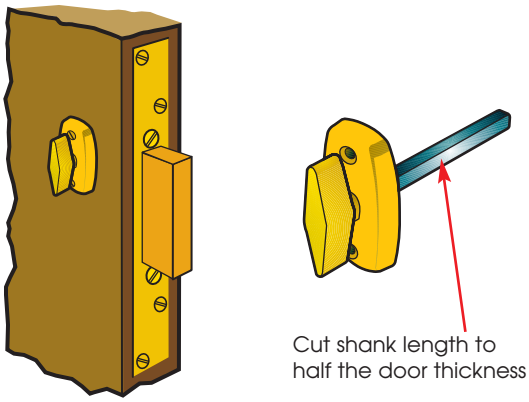
Using the 14mm (9/16") bit, drill each keyhole separately. **DO NOT** drill right through, only drill into the mortise.

Replace the lock and screw to the door.



Knobset

6 If the square shank hasn't been ordered cut to size, cut the shank length to half the door thickness to avoid interference from or to the key. **It is critical when fitting the thumb turn to have the connecting square shank square in the cam. If off square it will not work smoothly. Always test the lock with the knobset fitted. Otherwise it may jam.**



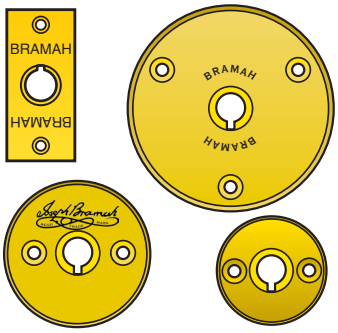
BRAMAH FITTING INSTRUCTIONS

Plain Escutcheon

7 Insert the key through the plain escutcheon into the lock. The plain escutcheon is fitted to the inside of the door.

The keyway in the escutcheon must be in line with the keyway in the lock.

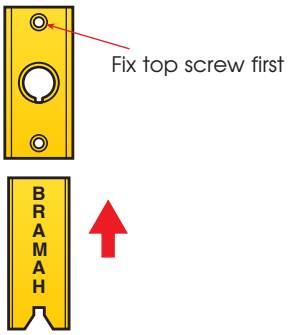
Screw the escutcheon to the door with the key in the lock, use 13mm (1/2") Nº 4 wood screws. **Ensure the key turns freely and can be withdrawn and re-inserted without contact or binding.**



Plain Escutcheons

Slide Escutcheon

8 The slide escutcheon is fitted to the outside of the door, to keep the dust out. To fit the the slide escutcheon, follow the same procedure as the plain escutcheon. Fix the top screw first, 13mm (1/2") Nº 4, then assemble the slide, ensure that the name BRAMAH is the right way up. Insert and tighten the other screw. Check the key action.



Slide Escutcheon

Striking Plate

9 To fit the striking plate, close the door with the lock bolt fully out until it touches the door frame. Mark the position of the top and bottom of the bolt on the door frame then continue the lines onto the inner frame.

Measure the distance from the face of the door to the vertical centre of the bolt. Using this dimension, draw a vertical line (a) measured from the door stop (b).

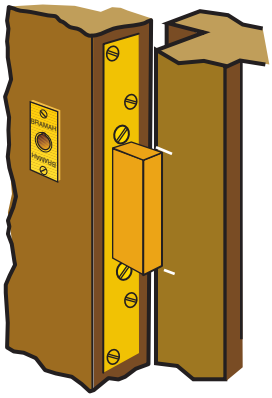
On either side of this line draw equidistant parallel 14mm (9/16") apart to form a rectangle.

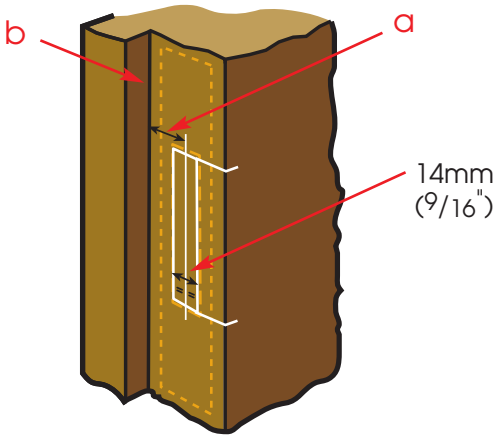
Place the striking plate centrally over the pencilled rectangle and screw to the frame.

With a sharp knife mark round the striking plate and the bolt recess.

Remove the striking plate and using the 14mm (9/16") wood bit, drill out the bolt recess on the vertical centre line, keeping the drill at right angles to the surface, drill a hole at each end followed by a row of overlapping holes all to a depth of 22mm (7/8"), then cut a recess to a depth of 3mm (1/8") to accept the striking plate.

Re-fix the striking plate and test the locking action.





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Keys

10 Bramah locks and keys are of extremely simple and trouble free design and since 1784 have been manufactured with great precision ensuring the ultimate in security.

Although today's keys are made from stainless steel, they will not operate if damaged or dirty.

Ensure that the slots are free from dirt by sliding a card across the bottom of each slot.

Replacement Lock Interiors

11 Combinations can be changed without disposal of the lock body.

Replacement and Additional Keys

12 All registration cards are maintained in 31 Oldbury Place, London W1U 5PT by Bramah. We turn all correctly authorised keys around within 48 hours. All additional key orders should be sent addressed to the key department. Enquiries as to procedure should be placed on +44 (0) 8700 BRAMAH (272624).

Contact Details

Enquires, catalogues, requests for quotes and all matters historical, not on this CD, can be directed to sales at any one of our three business units at **Bramah, 31 Oldbury Place, London W1U 5PT** or by the following contact numbers:

Lock Manufacturing - Bramah and Rola Lock sales

Telephone: +44 (0) 8700 BRAMAH (272624).
Facsimile: +44 (0)20 7935 2779
Email: lock.sales@bramah.co.uk

7th July 2003