Corvan™ Entrance Lock Set

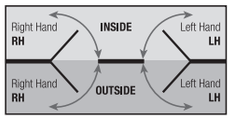
Congratulations on choosing the Lane Corvan Entrance Lock Set. Please take a few minutes to read through these installation instructions prior to attempting installation. These few minutes invested in familiarising yourself with this lock set, could save you money and time later if you install incorrectly.

When you remove your Lane Corvan Entrance Lock Set from the pack, you will notice that the levers are preset set in one direction. This preset set direction or "handing", may not be suitable for your installation requirements. If this handing is not correctly suited to your installation requirements, please view the next section on "Handing your Trim Set".

HANDING YOUR TRIM SET

Put simply, handing is the side of the door you wish to install the trim set, so that it correctly aligns with the locking function. To correctly determine the handing, refer to the handing diagram to the right.

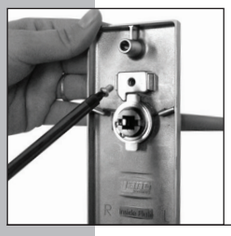
DOOR STRIKE HANDING DIAGRAM



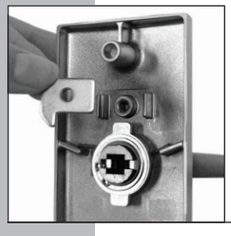
Example: If you are standing outside the home and the door opens away from you ie: Opens into the home and the hinges are on the right side of the door, then you hand your external side trim set to the left side handling indicator 'L'. Using this example, you can determine from the above diagram the handing for inside and outside installations.

SETTING THE HANDING

The trim plates supplied are designed to fit back to back on the door. On the under side of each trim plate is printed "**inside plate**" or "**outside plate**". The inside plate is installed to the inside of the door, the side that faces into the home, the outside plate is installed externally.

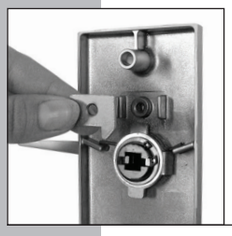


In this instance the trim plate is left handed, this is because the lever is pointing to the side marked 'L'. To change handing, simply undo and remove the screw that holds the lever handing stopping block.

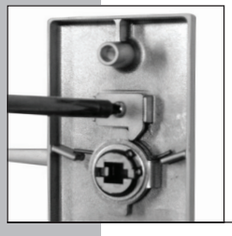


Remove the lever handing stopping block, this will allow the lever to be handed in the opposite direction. You may need to pull down slightly on the lever to assist removing the stopping block.

To change the lever handing, rotate the lever around to the opposite side, remembering to pass over the top of the trim plate as shown.



Once the handing is complete, reverse the lever handing stopping block, so that the 'L' shaped locking plate locks down behind the cam assembly, preventing the lever from being rotated back to it's original position.



Replace and tighten the screw that holds the lever handing stopping block and the change of handing is now complete. This process is required on both the inside and outside trim plates, if initial preset set handing is not suitable.

PREPARING THE DOOR FOR INSTALLATION

Because Corvan comes in a number of different locking applications, only use the template supplied with the lock you purchase.
There are different templates with each of the different Corvan Lock types. Using the wrong template will make installation virtually impossible and void any warranty.

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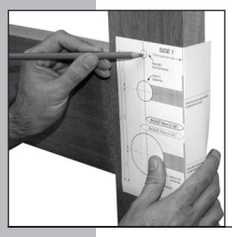
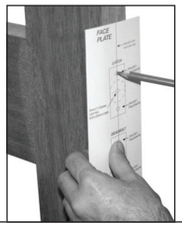
INSTALLATION OF CORVAN LATCH & DEADBOLT

PREPARING THE DOOR FOR INSTALLATION
The Lane Corvan Entrance Lockset is suitable for doors with a thickness of 35mm – 45mm.

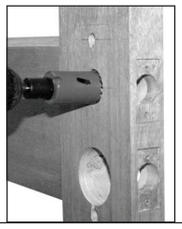


Using the template supplied, mark all locations where you need to drill. For accuracy and alignment, fold the edge of the template where shown around the door edge. The two lines on the template edge that folds around the door will be the position for the Latch and Deadbolt.



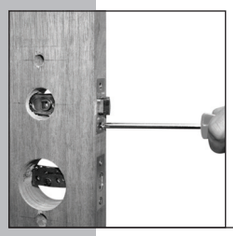
Next, mark the centre of the door edge. Using the face plate template, align the centre of the template with the centre line on the door edge, then mark all hole positions.

Drill the 25mm (1") holes (x2) in the edge of the door to a depth of around 95mm. (Ensure that these holes are drilled squarely). Insert the Latch in the top hole, Deadbolt in the bottom hole then mark around the face plate ready for Mortising.

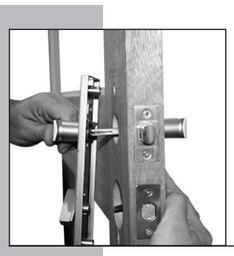


Drill all holes in the door face remembering not to drill all the way through the door from one side. Drill from both sides to avoid splintering.

Chisel out the timber to a depth of around 3mm deep to allow the Latch and Deadbolt to sit in flush with the door edge.



Insert the Latch into the top hole, ensuring the taper on the Latch is positioned towards the door jamb where the strike plate will be located. Place the Deadbolt into the bottom hole, observing the 'up' direction indicated on the Deadbolt, then screw into place with the short wood screws supplied.



Insert the spindle through the Latch then place the external trim plate against the door. The bottom tail piece MUST BE in the horizontal position and pass through the Deadbolt '+' section. Then place the internal trim plate into position.

IMPORTANT
THE DEADBOLT TAIL PIECE MUST BE HORIZONTAL AND WHEN THE TWO PLATES COME TOGETHER THE TAIL PIECE MUST ENGAGE INTO THE TURN SNIB OR CYLINDER SLOT LOCATED ON THE OPPOSITE TRIM PLATE.

Secure both trim plates with the two long metal thread screws. Tighten the screws and check all locking operations work freely.

When you are positive that all locking operations work, push in place the screw cover supplied. N.B. There are four screw covers supplied in the event you need to remove the lockset at a later date then re-install.

INSTALLING THE LATCH & DEADBOLT STRIKE PLATES

> Next throw the Deadbolt then gently close the door so the centre locations of the Latch & Deadbolt can be marked in pencil against the door jamb.

> Retract the Latch & Deadbolt then close the door.

> When the door is fully closed, release the Latch and gently throw the Deadbolt. Then mark the position of the Latch & Deadbolt where they meet the inside of the jamb.

> Retract the Latch & Bolt and then open the door. The centre lines on the jamb indicate the centre of the Latch & Deadbolt. The markings inside the jamb will need to be positioned inside the 25mm (1") holes you drill into the inside of the jamb.

> Drill two 25mm (1") holes inside the jamb to a depth of around 25mm.

> Centre the 'D' shape strike plate supplied into the top hole and the rectangular shaped strike plate into the bottom hole. This is where the Latch and Deadbolt will engage to lock the door closed.

> If the door binds with the two strike plates, we recommend you draw around the edges of each strike, then Mortise to a depth of between 1.6mm - 2.0mm to allow a flush fit of the strike plates.

> Then using the short timber screws supplied, secure both strike plates.

Please Note: Imperial measurements are approximate only and may vary slightly from metric equivalents.

Corvan™ Entrance LOCK SET

PARTS IDENTIFICATION

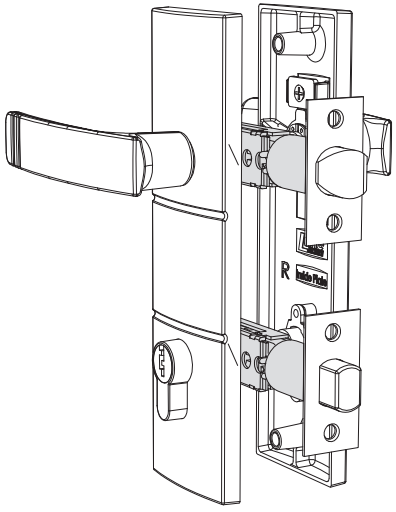
SINGLE & DOUBLE CYLINDER

TOOLS REQUIRED

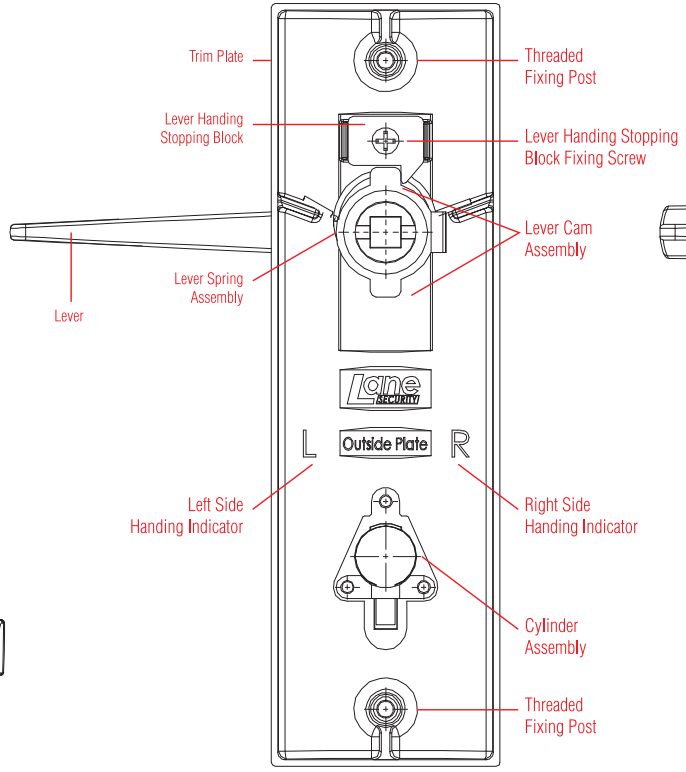
> 2mm Drill Bit
> 10mm Drill Bit
> 25mm Hole Saw or Spade Bit
> 54mm Hole Saw
> Chisel up to 25mm
> Hammer or Mallet
> Electric Drill
> Pencil or Marker
> Ruler or Tape Measure
> Phillips Head Screwdriver
> Side Cutter Pliers or Hacksaw

ASSEMBLED CORVAN LOCKSET

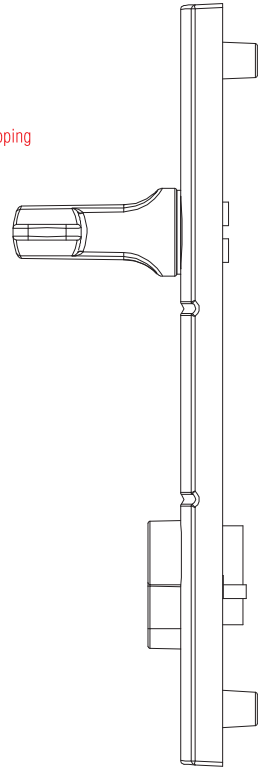
Double Cylinder
(version shown)



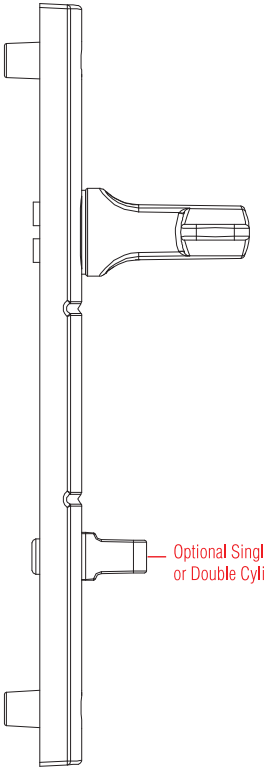
UNDERSIDE OF OUTSIDE PLATE



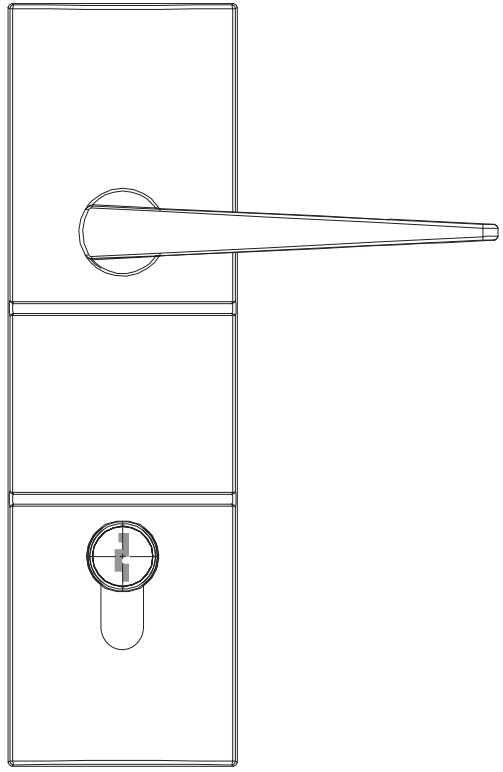
SIDE VIEW OF OUTSIDE PLATE



SIDE VIEW OF INSIDE PLATE



FRONT VIEW OF OUTSIDE PLATE



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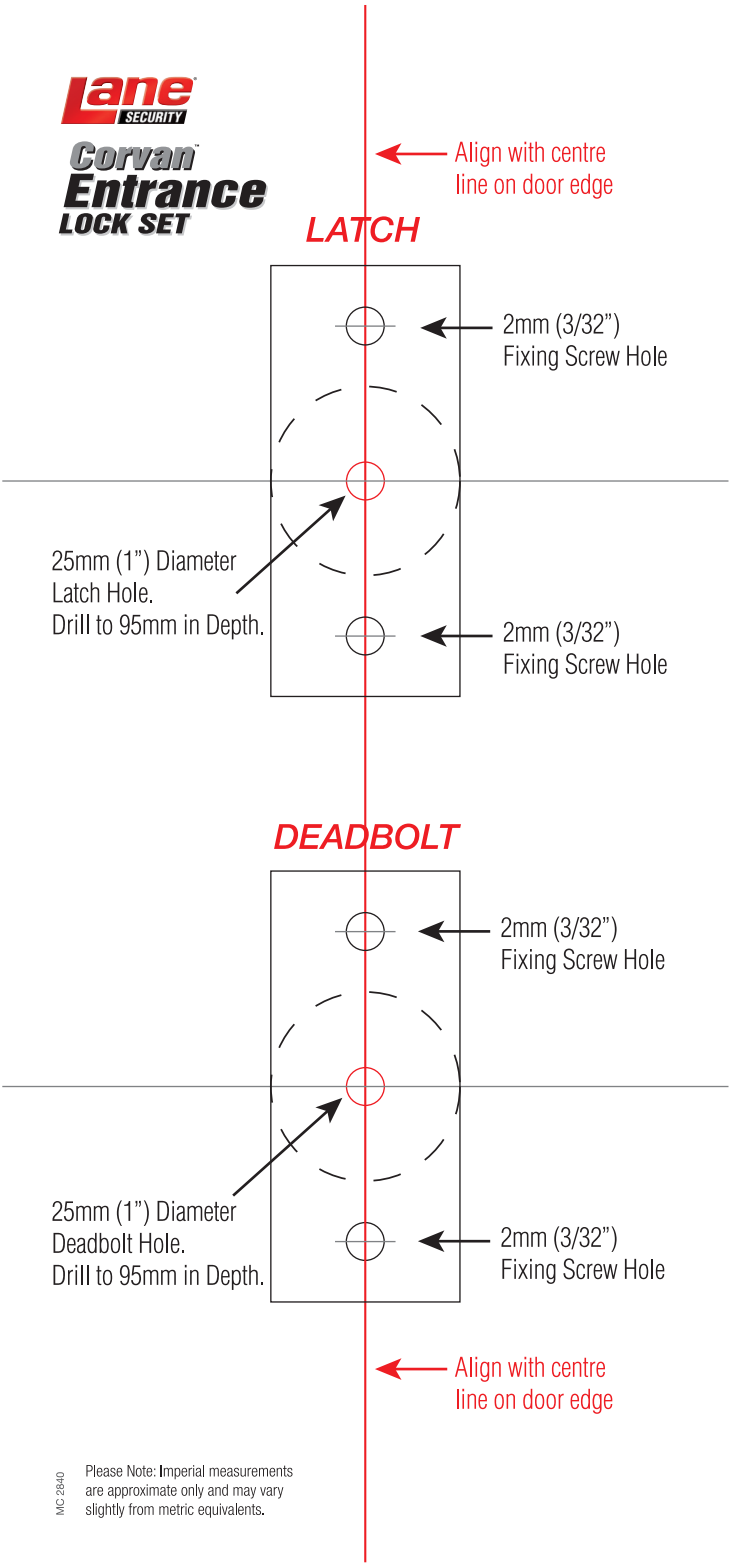
Lane SECURITY

Corvan Entrance LOCK SET



MC 2840

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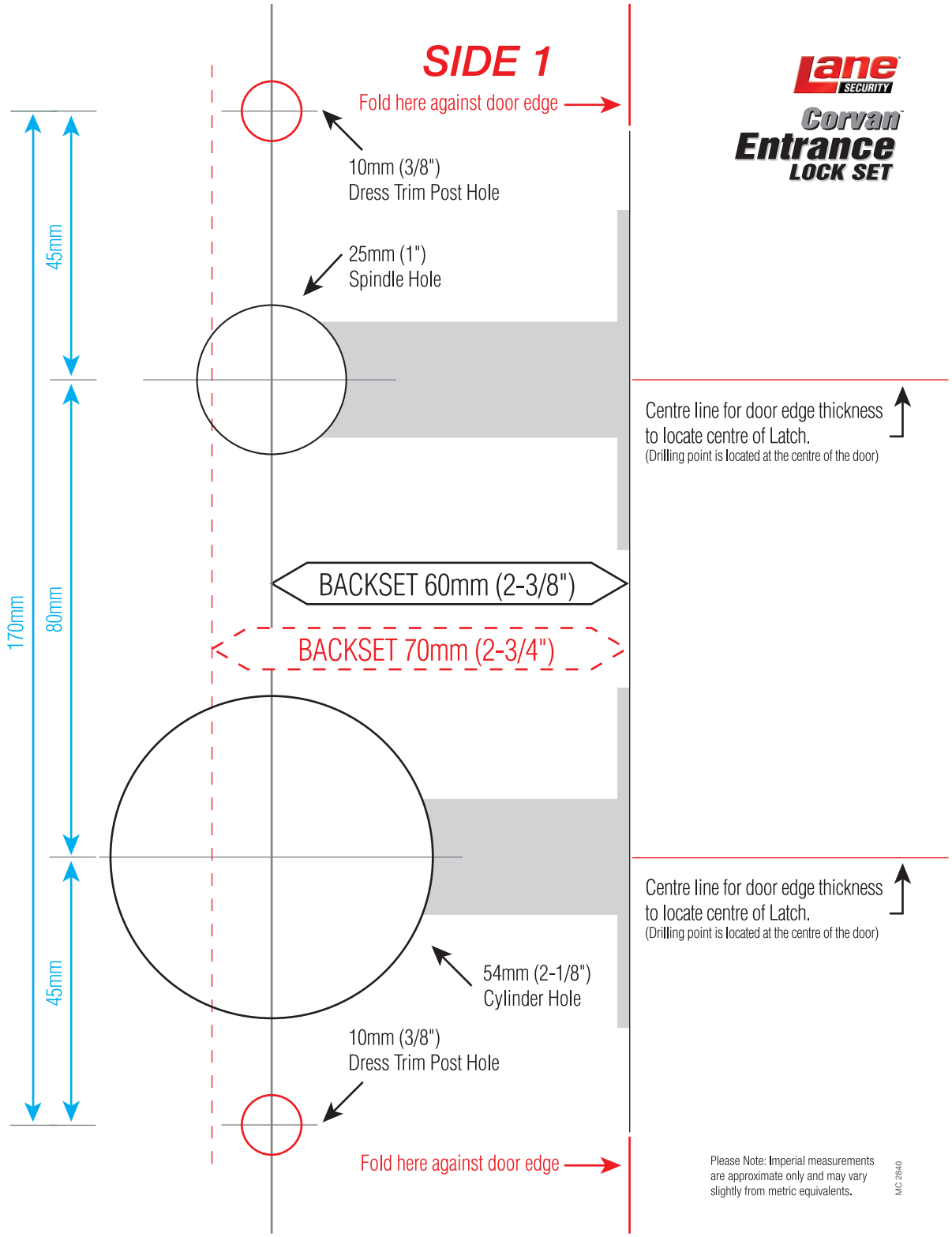

Lane SECURITY

Corvan Entrance LOCK SET

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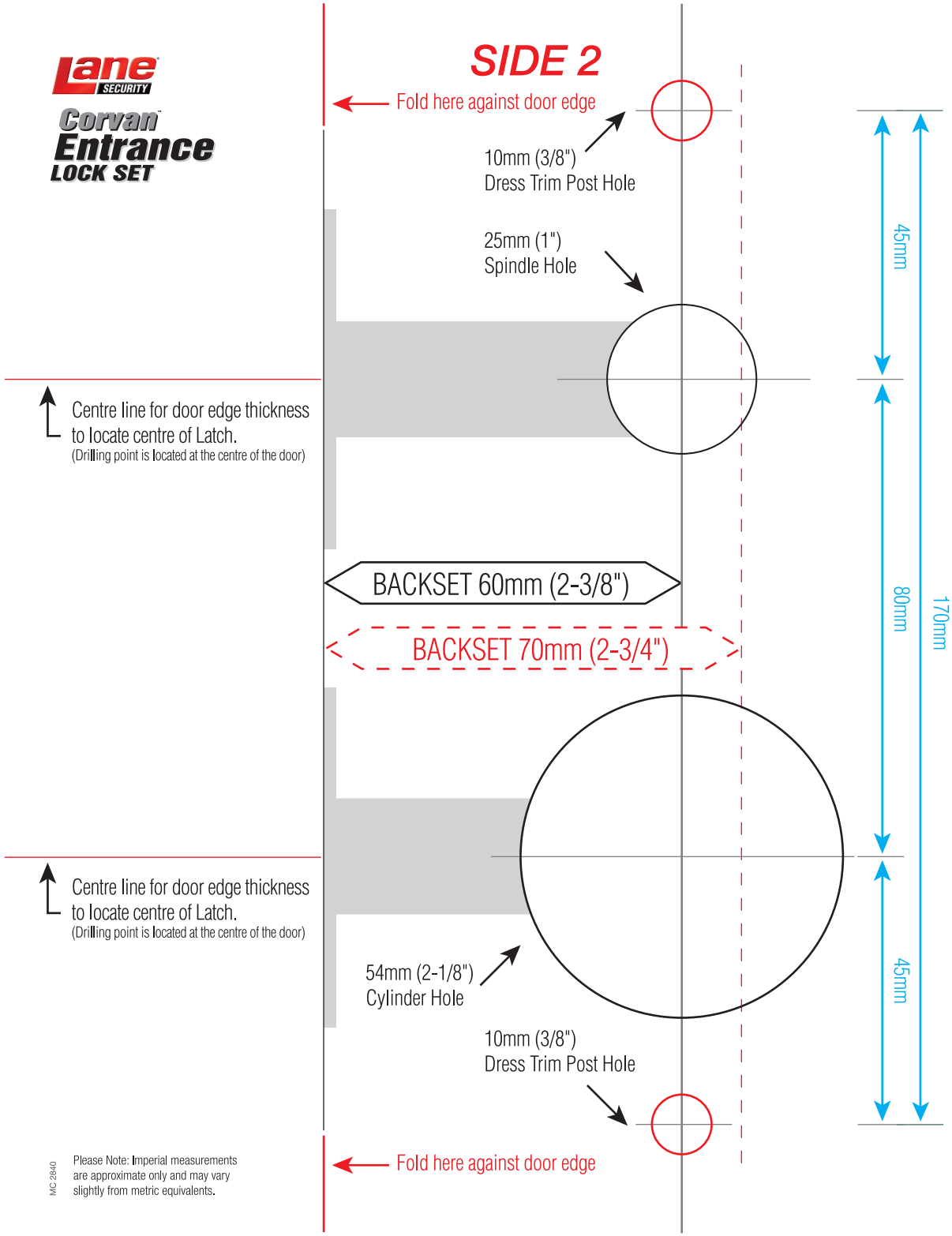
MC 2840

Lane SECURITY

Corvan Entrance LOCK SET

SIDE 2



MC 2840

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