

Installation Instructions/Drilling Template

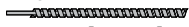
Pencil



Ruler



Auger bit



1-1/16" [26.99]
1" [25.4]



Drill bit



1/8" [3.18]
5/32" [3.97]
3/8" [9.53]
5/8" [15.88]



1-1/4" [31.75]

Spade bit



1" [25.4]



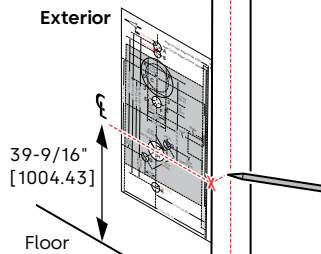
#12-24



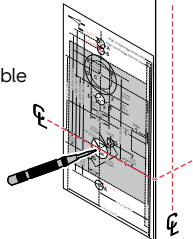
Ø1-3/8"
[34.93]

1.1 Position lockset template on exterior edge of door and mark a horizontal centerline for door edge based on Hole H.

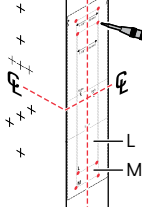
- NOTE: Suggested height from bottom of door to Hole H is 39-9/16" [1004.43].**
- 1.2 Continue centerline of lockset on door face and extend line onto door edge.



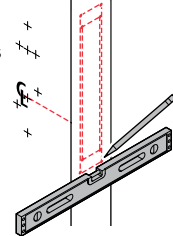
2.1 Mark holes specified in Functions Table using center punch.



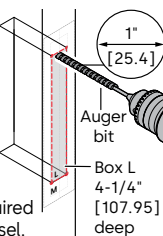
- 3.1 Align mortise centerlines with lever template centerlines.
- 3.2 Mark corners of Box L and Box M using a center punch.



4.1 Connect previous marks for Box L and Box M using a pencil and level.



- 5.1 Choose appropriate sized auger bit.
- 5.2 Drill along length of marked area for Box L.
- 5.3 Remove material from Box L to required depth using a chisel.



- * For trim outside only functions (such as ZD and ZR) and trim inside only functions (such as XD and XR), prepare surface mount trim holes on the trim side of the door as needed.
- † For 1DT, drill 7/64" [2.78] holes halfway into the door at the centerpoints indicated.
- ‡ To qualify for the UL 437 high-security listing, use the M escutcheon and the 1E7J4 cylinder. The 1E7K4 cylinder is

available for use with either M trim or sectional trim, but does not qualify for the UL 437 high-security listing. This option is not available for H and HJ function locks.

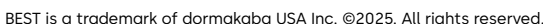
†† Because these holes pass through the mortise pocket, it is recommended that each hole be drilled separately rather than straight through.

◇ Template holes 'J' & 'K' are not needed for trim styles J5 & M4 visual indicator thumb turn trim.



Document translations available.
Scan for product details and downloads.
 Call 1-800-392-5209 or visit
<https://dhwsupport.dormakaba.com/hc/en-us>
 for assistance and warranty information.

⚠ WARNING! This Manufacturer advises that no lock can provide complete security by itself. This lock may be defeated by forcible or technical means, or evaded by entry elsewhere on the property. No lock can substitute for caution, awareness of your environment, and common sense. Builder's hardware is available in multiple performance grades to suit the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.



6

Chiseling out Box M

6.1

Use appropriate sized chisel.

6.2

Remove material from Box M to required depth using a chisel.

1-1/4" [31.75]

chisel

Box M

1/4" [6.35]

deep

7

Inserting mortise case

7.1

Insert mortise case into mortise cavity.

8

Marking mortise case holes

8.1

Mark locations of mortise case holes with mortise case in place.

9

Drilling mortise case holes

9.1

Choose appropriate sized drill bit.

9.2

Drill marked holes to required depth.

5/32" [3.97]

3/4" [19.05]

deep

Metal doors:

#12-24 Tap

10

Drilling mortise door holes

10.1

Choose appropriate sized hole saw.

10.2

Drill holes at marked locations according to requirements in Function Table.

11

Marking centerline

11.1

Continue lockset centerline, located on template, onto door frame with door closed.

12

Locating center of strike

12.1

Locate center of strike pocket by measuring back from door stop, 1/2 of thickness of door.

13

Aligning/markig strike template

13.1

Align lever centerline with strike template, centerline.

13.2

Mark edges of Box O and Box N using a center punch.

14

Connecting marks

14.1

Connect previous marks for edges of Box O and Box N using a pencil and a level.

15

Drilling strike box holes

15.1

Choose appropriate sized auger bit.

15.2

Drill along length of marked area for Box O.

15.3

Remove material from Box O using a chisel.

1"

[25.4]

Box O

1-1/8" [28.58]

deep

16

Chiseling strike pocket

16.1

Use appropriate sized chisel.

16.2

Remove material from Box N using a chisel.

1-1/4" [31.75]

chisel

Box N

3/32" [2.38]

deep

NOTE:

5/32" [3.97]

deep with dust box

17

Marking strike holes

17.1

Use center punch to mark locations of strike holes with strike in place.

18

Drilling strike holes

18.1

Choose appropriate sized drill bit.

18.2

Drill marked holes to required depth.

18.3

Install strike plate and strike box using #8-32 combination screws.

5/32" [3.97]

3/4" [19.05]

deep

NOTE: Metal door #12-24 tap

