Installation View

Right handed door

* Insert all batteries by checking the [⊕,⊖] connector.

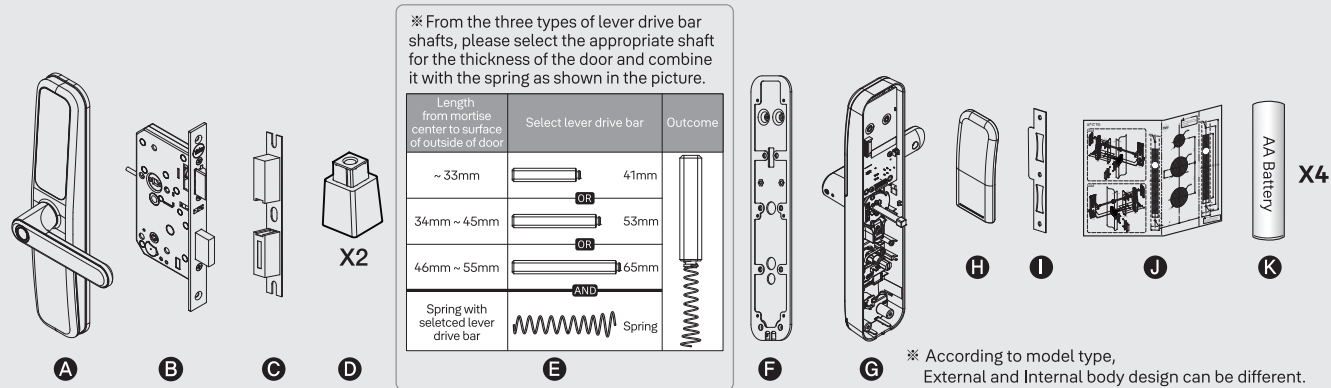**External body**

Outside

Inside

Door

Internal body

Battery cover

Bracket main

Mortise

Fixing screw for mortise

X 2

X 6

Fixing screw for back body

Fixing screw for mortise

Outside

Door

External body

X 3
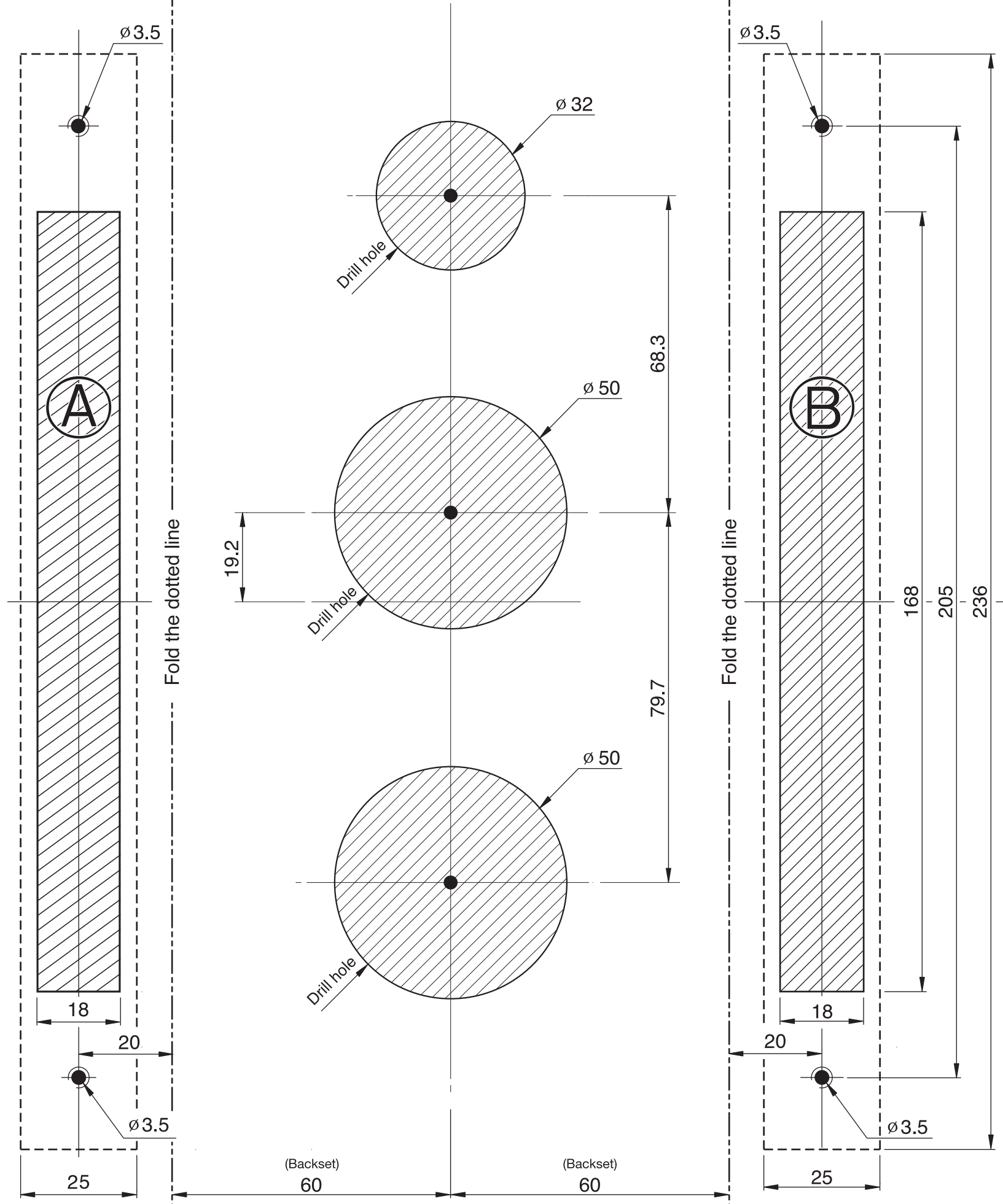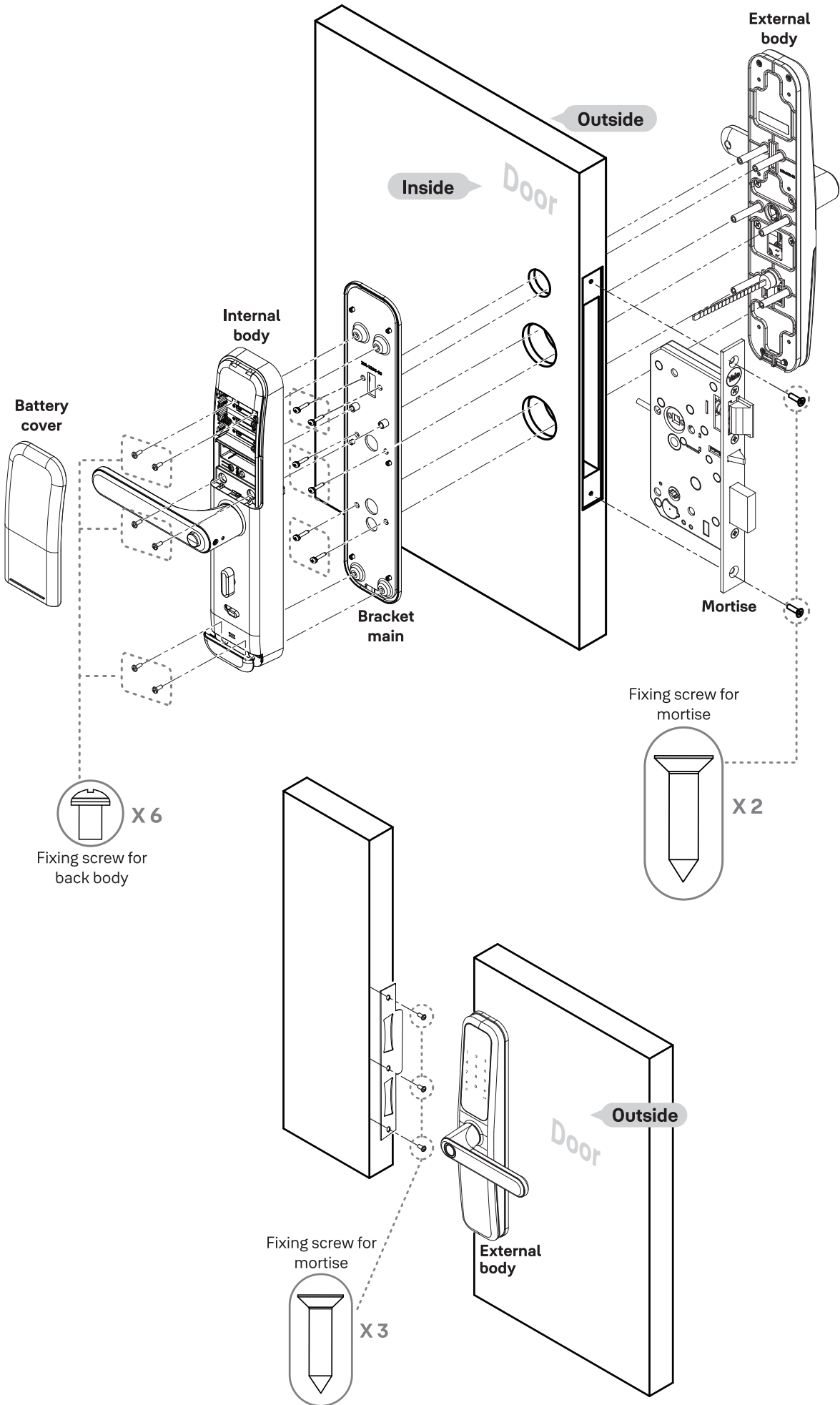
⚠ Caution

Depending on your door, some modifications might be required.

Ø3.5

Fold the dotted line

Ø 32

Drill hole

Ø 50

Drill hole

68.3

19.2

79.7

Ø 50

Drill hole

18

20

Ø3.5

25

Ⓐ

⚠ Caution

This template is based on 40mm thickness door.

(Backset) 60

(Backset) 60

40mm ~95mm thickness of the door 60mm backset

Ø3.5

Fold the dotted line

168

205

236

Ⓑ

18

20

Ø3.5

25

⚠ Caution

Ⓐ and Ⓑ shaded parts indicate the hole for mortise installation. If necessary, door modification if required accordingly.

ISI-2026-00-022
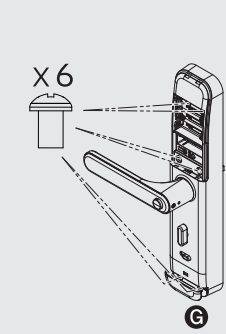
1 Package check

※ From the three types of lever drive bar shafts, please select the appropriate shaft for the thickness of the door and combine it with the spring as shown in the picture.

Length from mortise center to surface of outside of door	Select lever drive bar	Outcome
~ 33mm	41mm	
34mm ~ 45mm	**or** 53mm	
46mm ~ 55mm	**and** 65mm	
Spring with selected lever drive bar	⌇⌇⌇⌇⌇ Spring	

AA Battery X4

※ According to model type, External and Internal body design can be different.

Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ Ⓖ Ⓗ Ⓘ Ⓙ Ⓚ

X2

Fixing screw - for bracket main

Door Thickness	Fixing screw	Door Thickness	Fixing screw
40~45mm	20 X 6	75~85mm	60 X 6
45~55mm	30 X 6	85~95mm	26 40 X 6
55~65mm	40 X 6	95~105mm (Not Recommended)	26 60 X 6
65~75mm	26 20 X 6		

Fixing screws for Internal body X 6

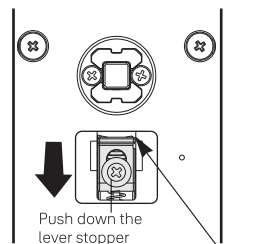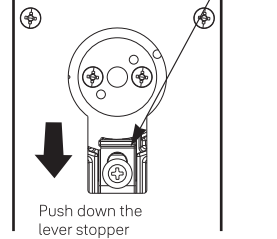Fixing screws for mortise (2pcs) and strike (3pcs) X 2   X 3
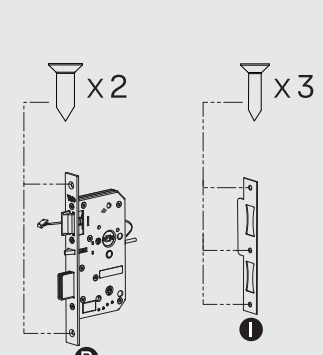
2 Determine door type

How to change lever direction!

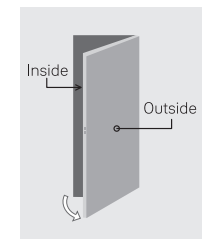⚠ Make sure to grab lever for safety reason when you change the direction
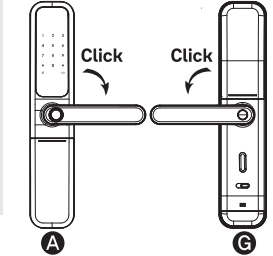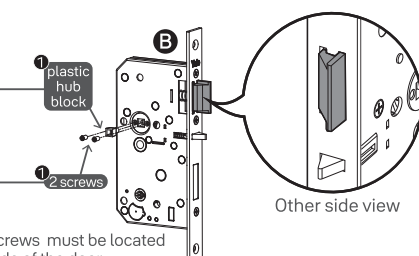
Ⓐ External body
Push down the lever stopper
lever stopper

Ⓖ Internal body
Push down the lever stopper

① Right handed door

Inside / Outside

■ Determine lever direction
Click **Click**
Ⓐ Ⓖ

■ Check the mortise latch
plastic hub block
2 screws
Ⓑ
Other side view

2 screws must be located inside of the door.
Take off the plastic hub block before mortise installation.

For left handed door.
First, ❶ → ❷ move the plastic hub.
Second, ❶ → ❷ move the 2 screws.

② Left handed door

Outside / Inside
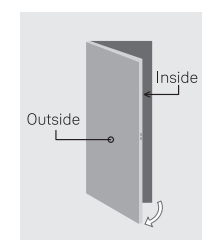
■ Determine lever direction
Click **Click**
Ⓐ Ⓖ
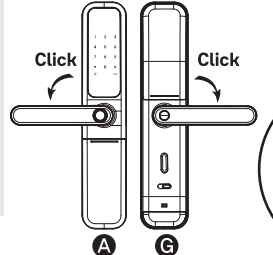
■ How to set the mortise latch
Turn **Push**
plastic hub block
2 screws
Ⓑ

2 screws must be located inside of the door.
Take off the plastic hub block before mortise installation.

Push by tool
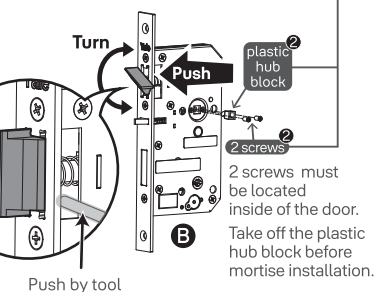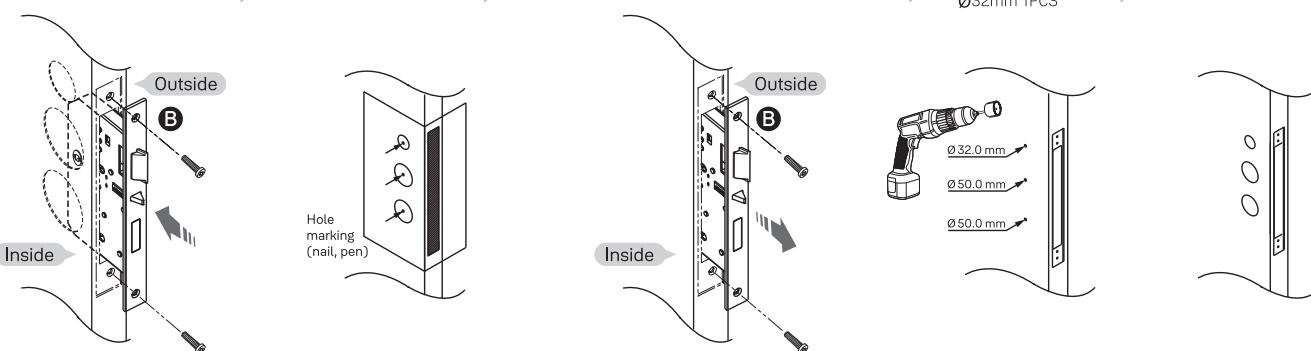
3 Hole cutting

Put mortise into the door → Fold the template and mark the driling points → Remove the mortise (Remove the mortise when drilling otherwise mortise can be damaged.) → Dilling holes : Ø50mm 2PCS Ø32mm 1PCS → Check the hole size and position
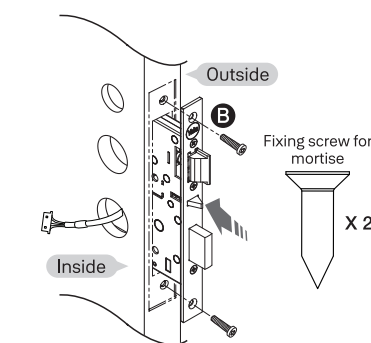
Outside / Inside
Ⓑ

Hole marking (nail, pen)

Ø32.0 mm
Ø50.0 mm
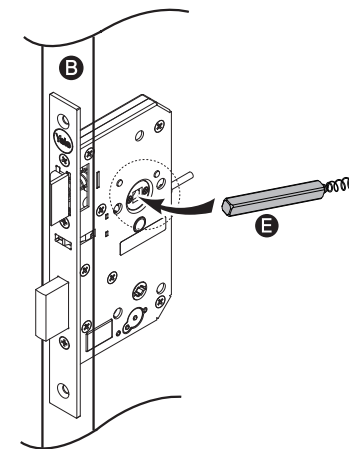Ø50.0 mm

4 Installation

① Mortise installation
Secure 2 mortise faceplate screws after inserting the mortise.

⚠ **Caution**
- Deadbolt should be retracted.
- Mortise wire should be routed to the inside of the door.

Outside
Ⓑ
Fixing screw for mortise X 2
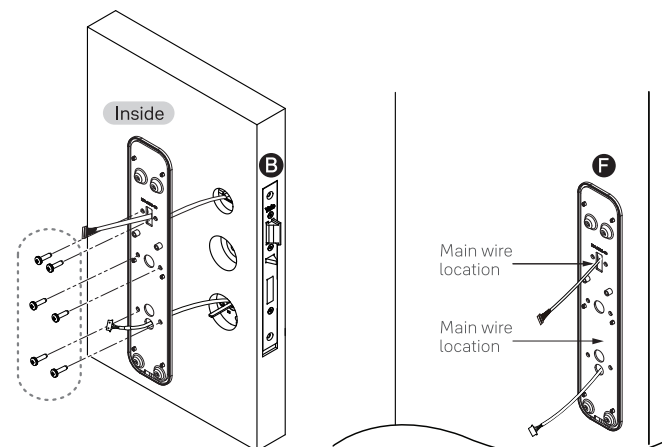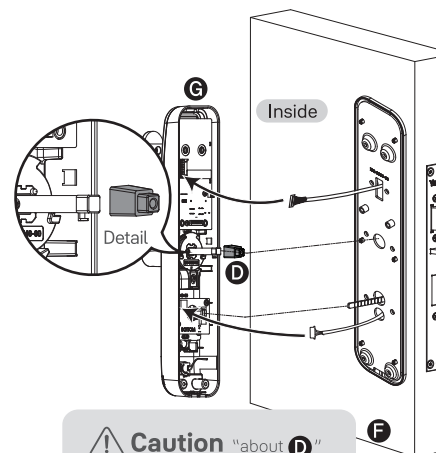Inside

② Inserting the external lever drive bar

Ⓑ
Ⓔ

⚠ **Caution**
When installing the external body, please insert the external lever drive bar with spring into mortise(lock case) first as picture above.

③ External Body Installation
Make sure the position of the lever according to the door and put the external body through the holes.

Inside
Ⓐ
Ⓑ
Ⓔ
Detail
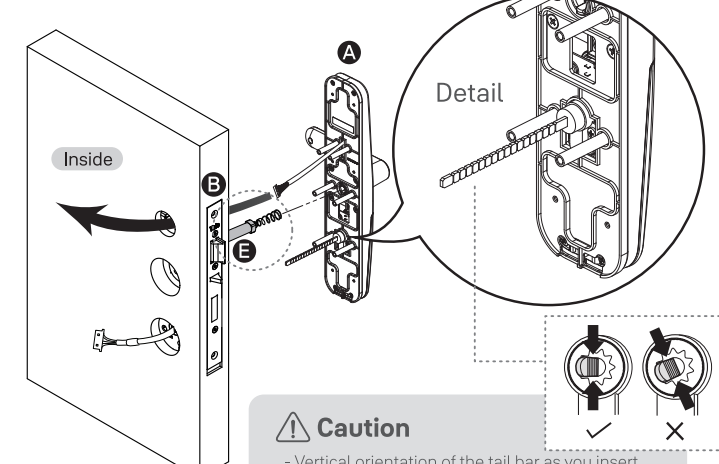
⚠ **Caution**
- Vertical orientation of the tail bar as you insert the external body.
- Be cautious when routing the cable.

④ Installing Main bracket
Install and secure using 6 screws through the main bracket into the external body (Wire should be routed through the main bracket.)

Inside
Ⓑ
Ⓕ
Main wire location
Main wire location

⑤ Cylinder Shaft : cutting the Cylinder and knob tail bar
According to the door thickness, cut the cylinder and knob tail bar.

With the external body fully inserted, cut the tail bar about 20mm proud of the internal side of the door.

Cylinder and knob tail bar
~20mm

⑥ Cable and Tail bar installation

Inside
Ⓖ
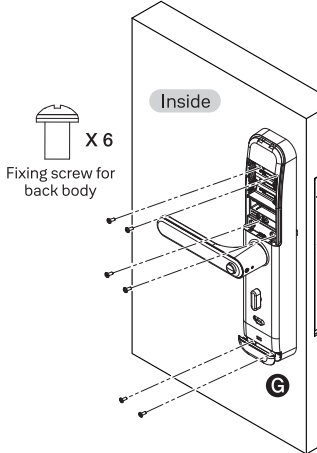Detail
Ⓓ
Ⓕ

⚠ **Caution** "about Ⓓ "
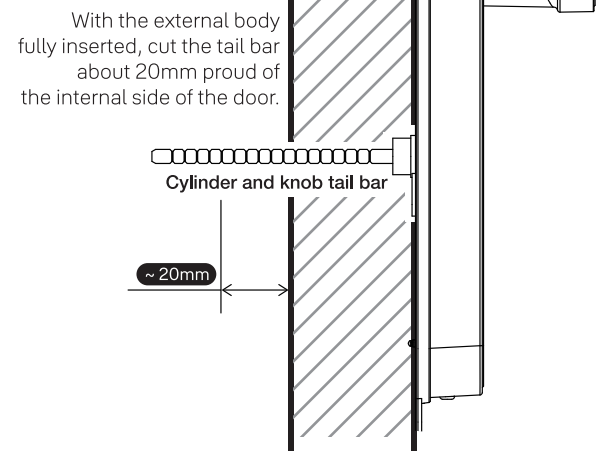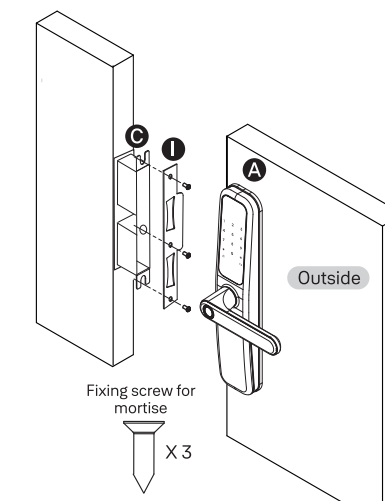Length from mortise center to surface of inside of door.

| 30~40mm | 1ea |
| 40~50mm | 2ea |

⑦ Internal body body installation
Install and secure using 4 screws through the Internal body body into the main bracket.

Inside
X 6
Fixing screw for back body
Ⓖ

⑧ Strike installation

Ⓒ Ⓘ Ⓐ
Outside
Fixing screw for mortise X 3

⑨ After installation

Ⓐ Ⓖ
Outside   Inside

■ **Enable Automatic Lock**
Release the button to set automatic lock mode on the main-body (after opening the battery cover)

■ **Enable Manual Lock**
Press the button to set manual lock mode on the main-body.

Check points for Installer
1. Creating a Advanced PIN Code must be performed upon installation or after resetting the lock to factory default. Programming and use of lock is not possible until this step has been successfully completed.
2. Check opening of the lock after the key registration.
3. Check automatic locking function. After closing the door, it gets auto locked within 5 seconds.
4. Explain setting of Safe handles to user.

Check points for Owner
1. Re-register your Advanced PIN Code.
2. Re-register your own User PIN Code.
3. Read the User Manual before further use.
4. Register your own Keys.
5. Understand the Emergency Power Supply feature.
6. Understand the forced lock mode.