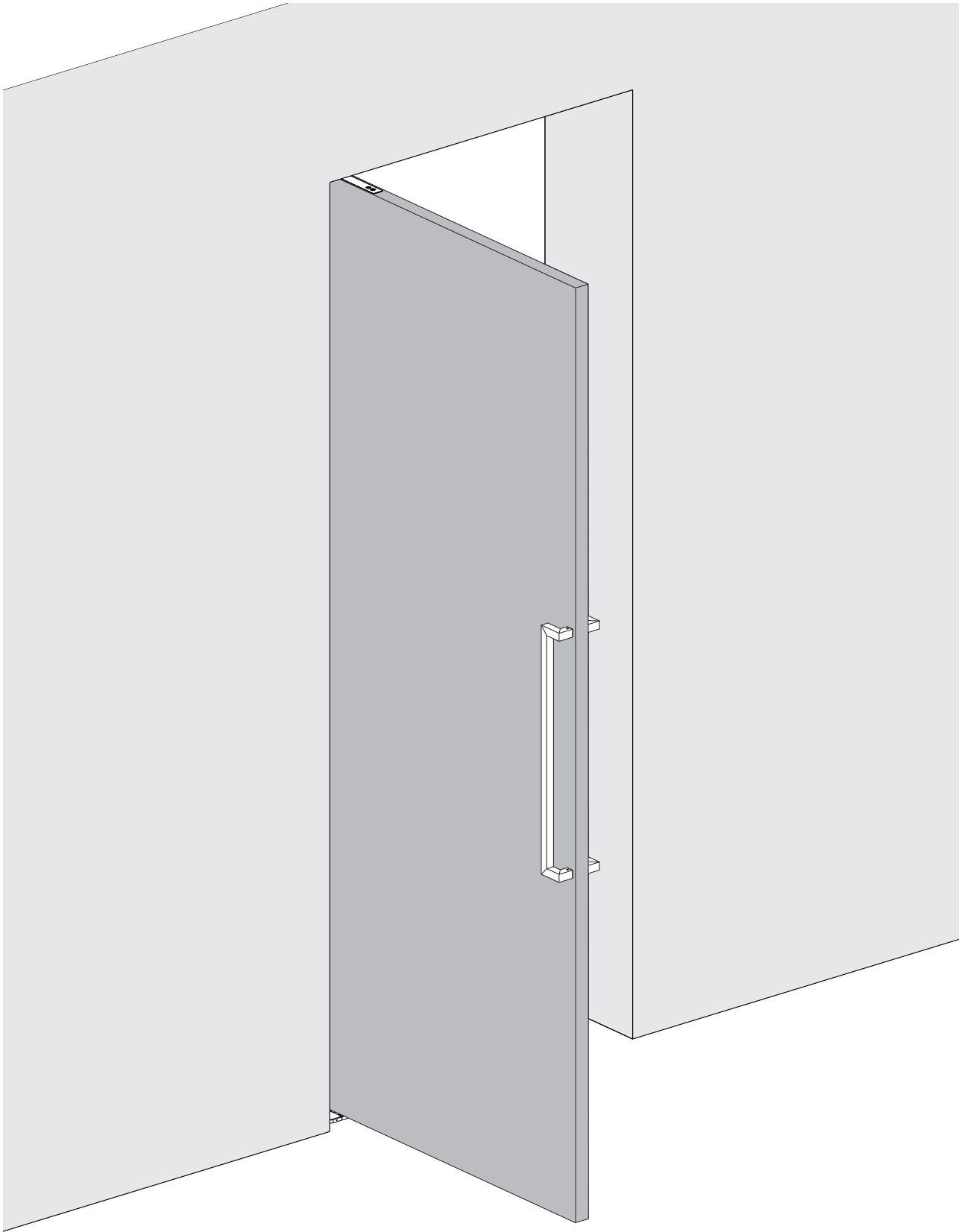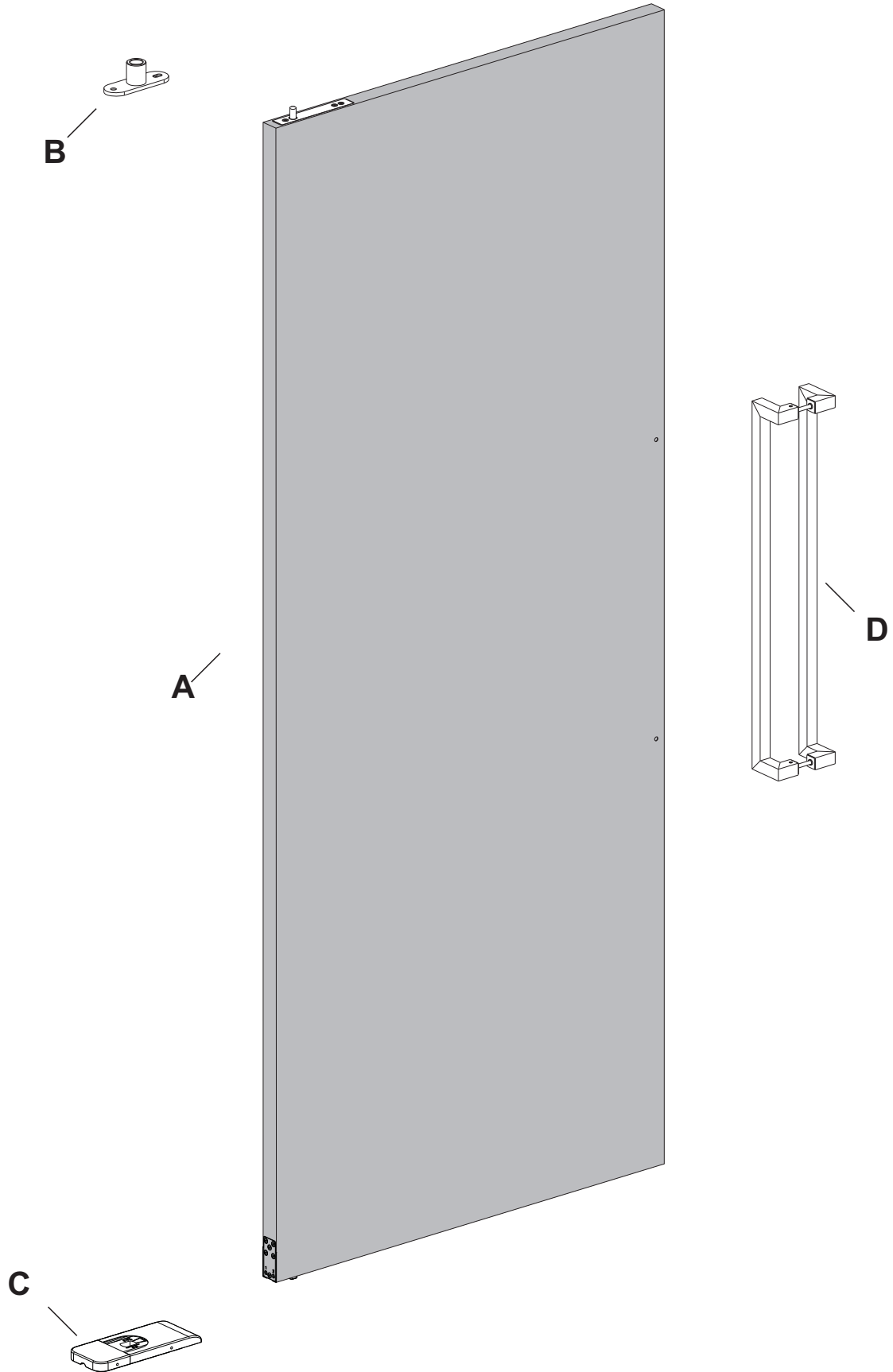# Installation Manual

Components list

B

A

D

C
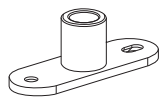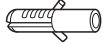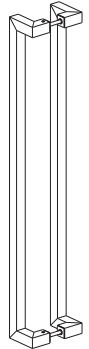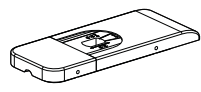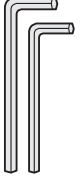
Pre-installation

TOOLS REQUIRED

Ø10

Ø20

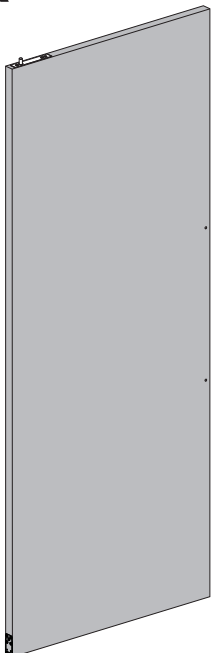## HARDWARE INCLUDED

A	B		D
(x1)	**Wooden Wall** ST4.8x25(x2) **Cement Wall** ST4.8x38(x2) Ø8 (x2) (x1)		(x1)
	C (x1) M8x25(x4) Ø10 (x4)		(x1)

Door preparation

10mm

≥6.5mm

Opening Height:H+24mm

Door Height:H

≥6.5mm

14mm

Door Width:W

Opening Width:W+13mm

3

Installation

1   **Mounting Plate Driling Hole Size.**

1-3/16"
(30mm)

3/8"
(Ø10)

19.4mm

86mm

28mm

≤77mm

wall
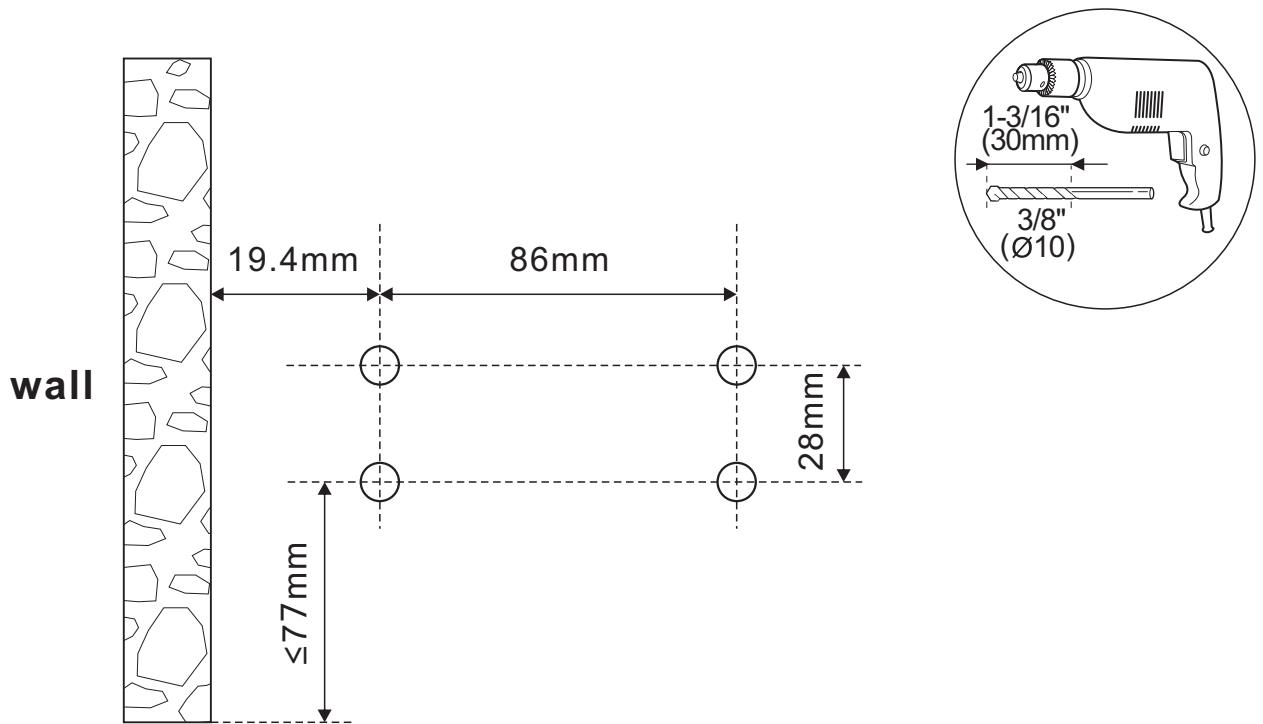
2   **Insert screws after drilling the mounting plate.Then fix mounting plate well.**

C

(x1)

M8x25(x4)

Ø10 (x4)

wall

wall

19.4mm

4
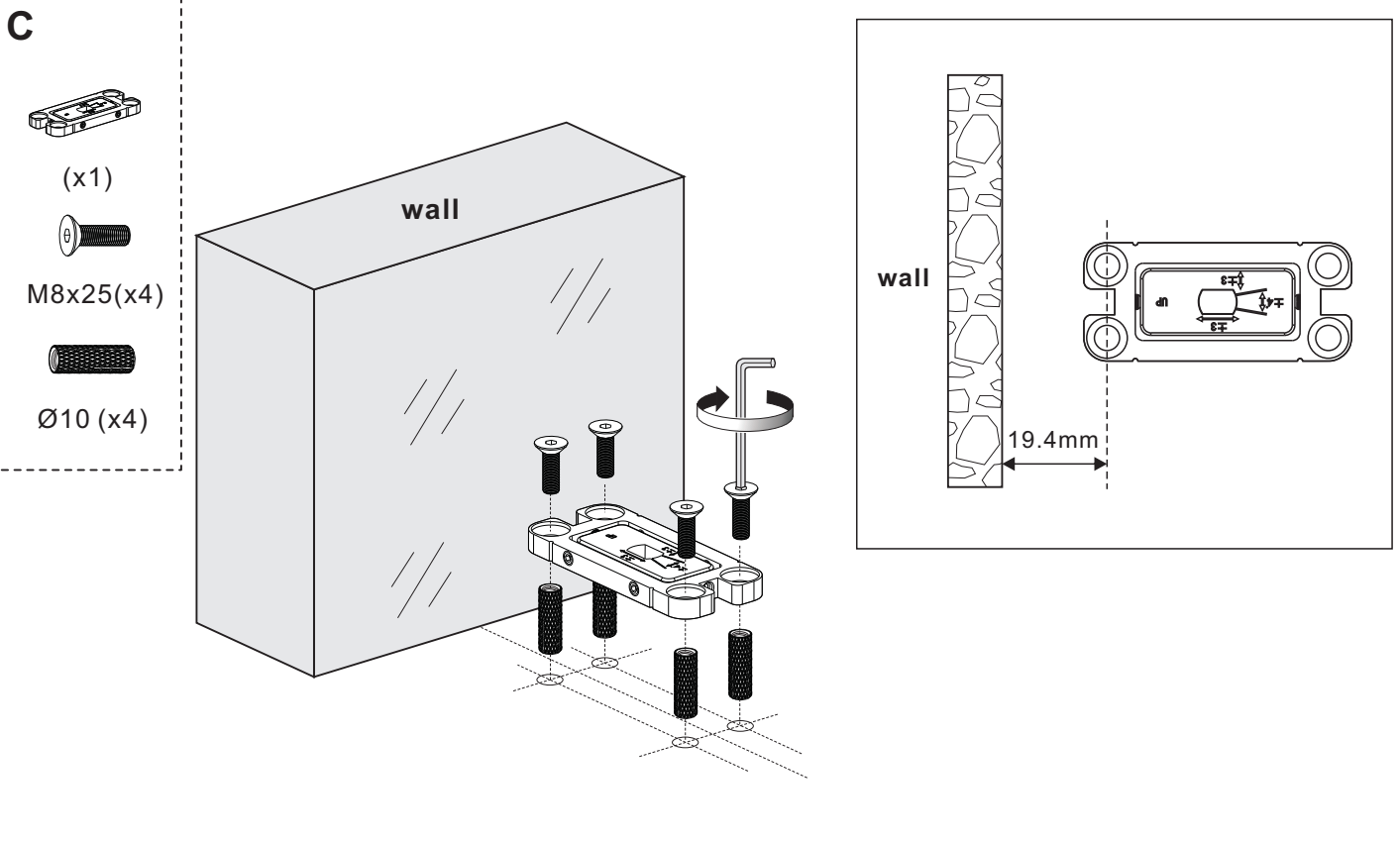
3 Mark the hole position by pencil.

OPENING

WALL

DOOR

Max.80mm

WALL

DOOR

62.4mm

27.4mm

6.5mm

10mm

WALL

DOOR

10.4mm

14mm

4 **Drill holes.**

5/32"
(20mm)

25/32"
(Ø20)
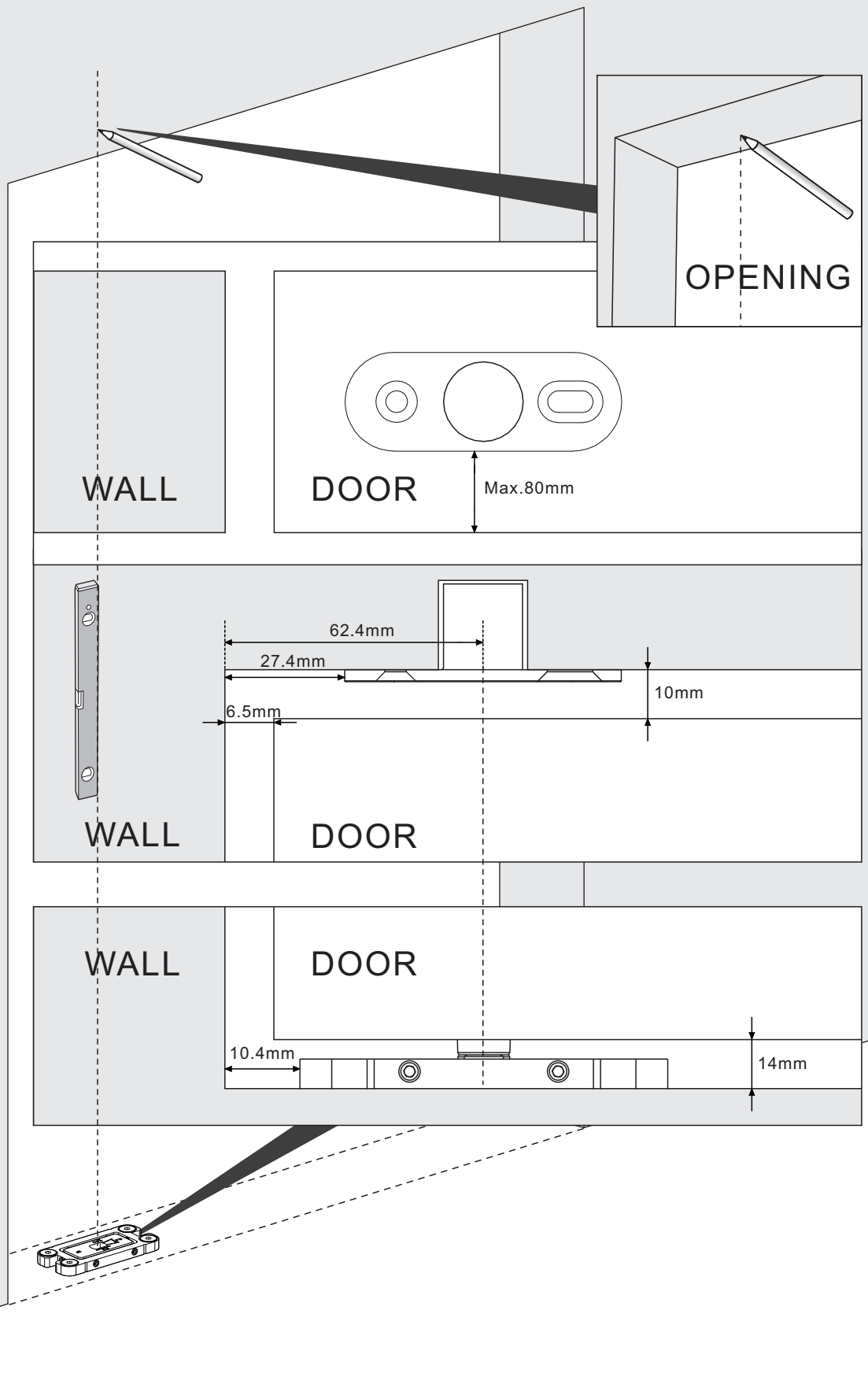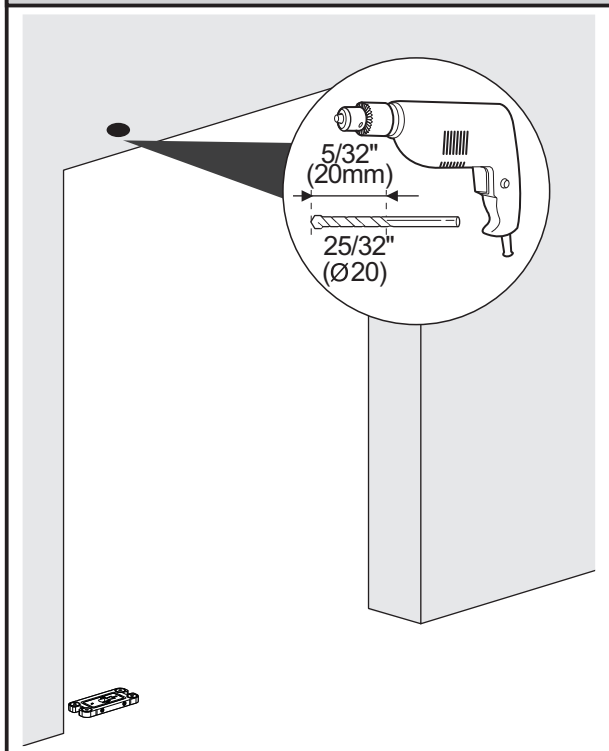
5 **Fixing top pivot plate.**

B

(x1)

(x2)
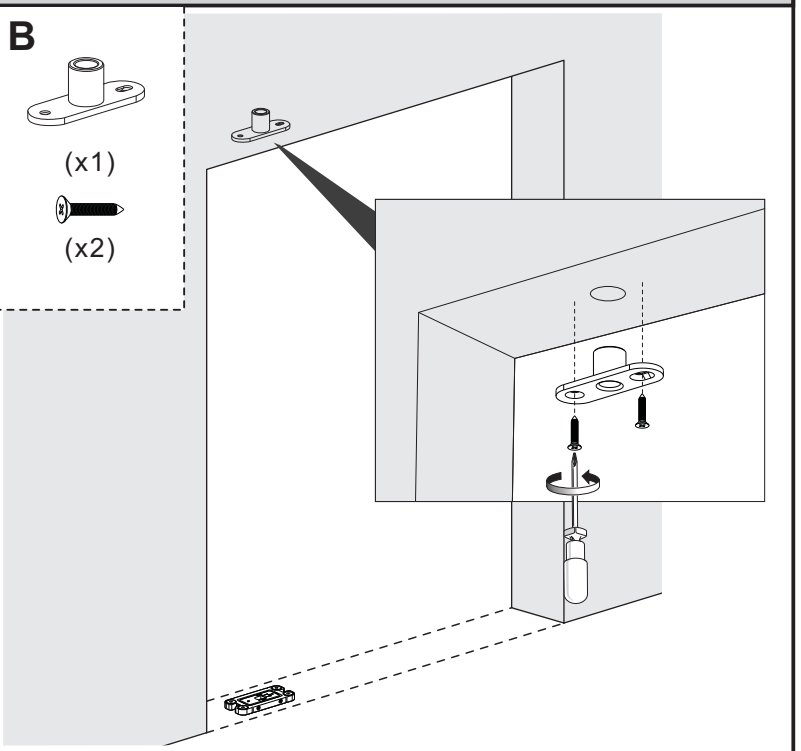
6 **Loosen the screws to make pin retract.**

A

(x1)

②

①
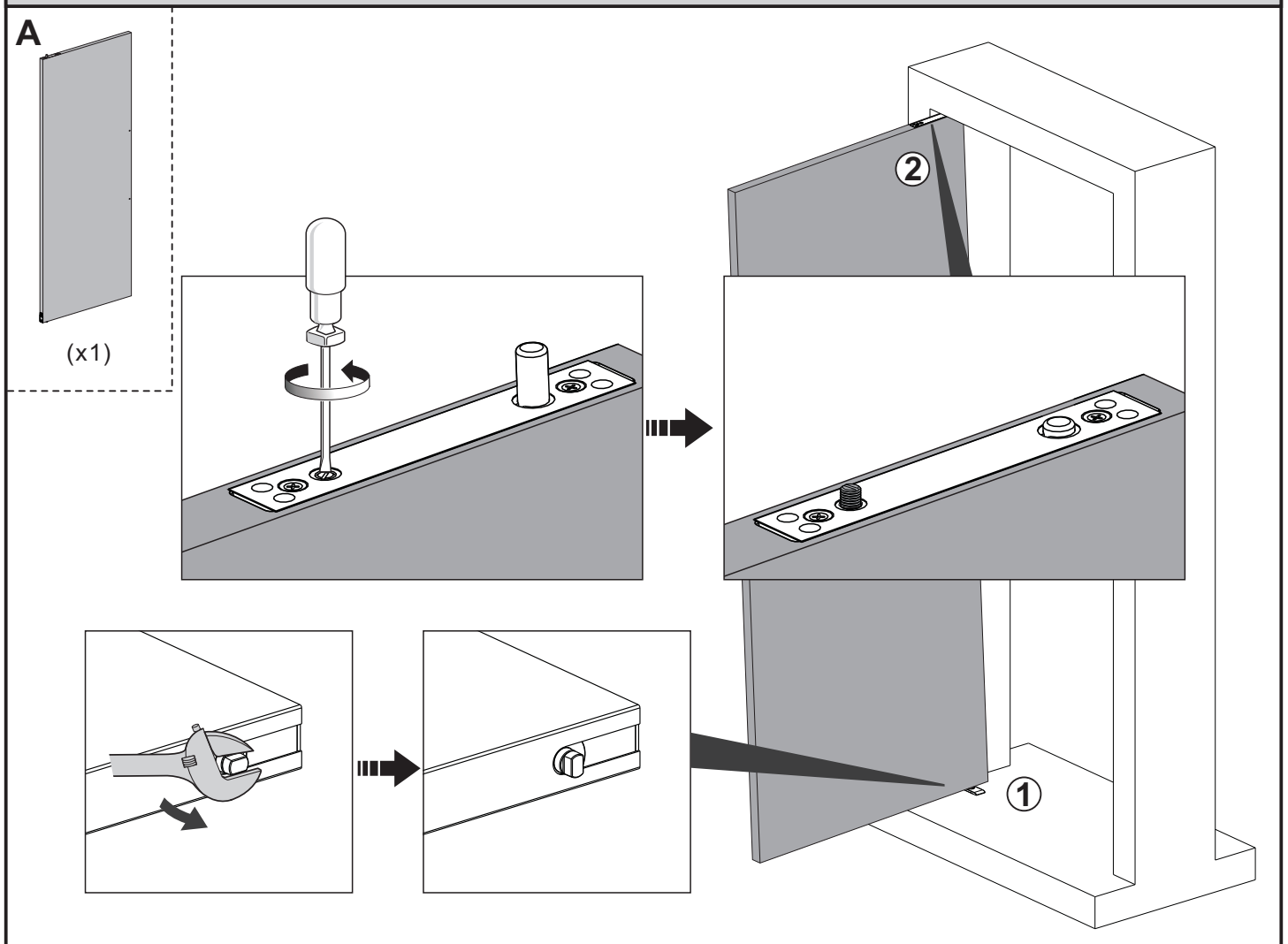
7 Fasten the screws to make pin pot out inside the top pivot.
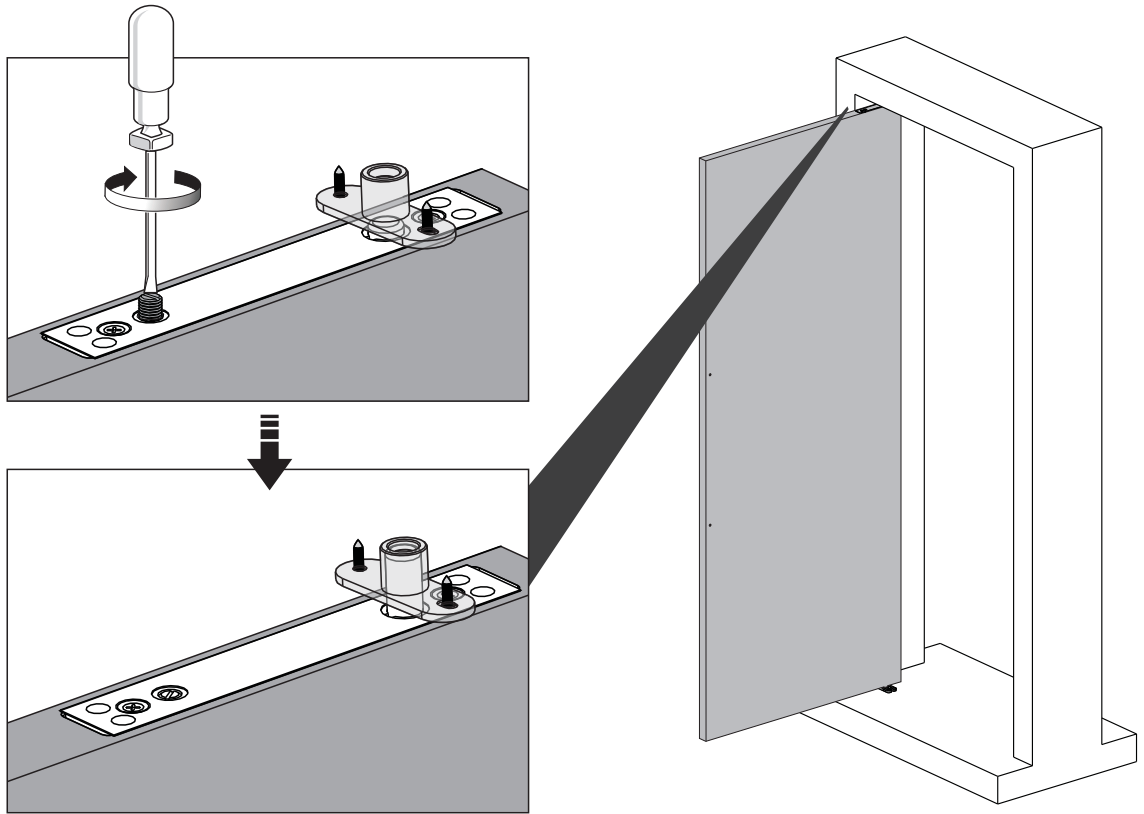
8 Adjust positioning of the door.

Face the direction of the door

Upper bracket   Upper bracket

Lower bracket   Lower bracket

Adjust positioning of left and right door
on 0° to keep them on same horizontal line
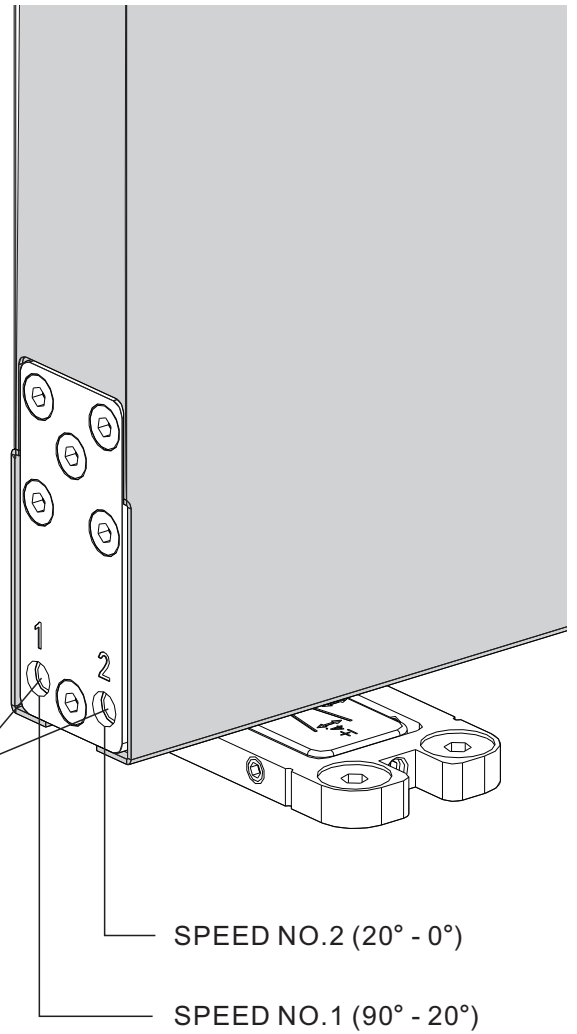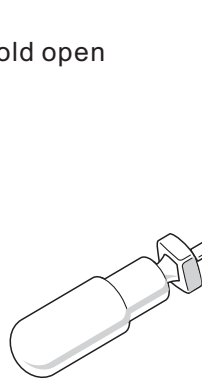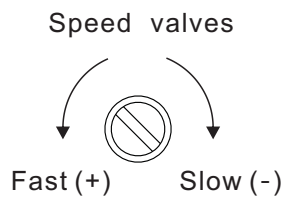
±3mm

±3mm

±3mm

±3mm

±4°   ±4°
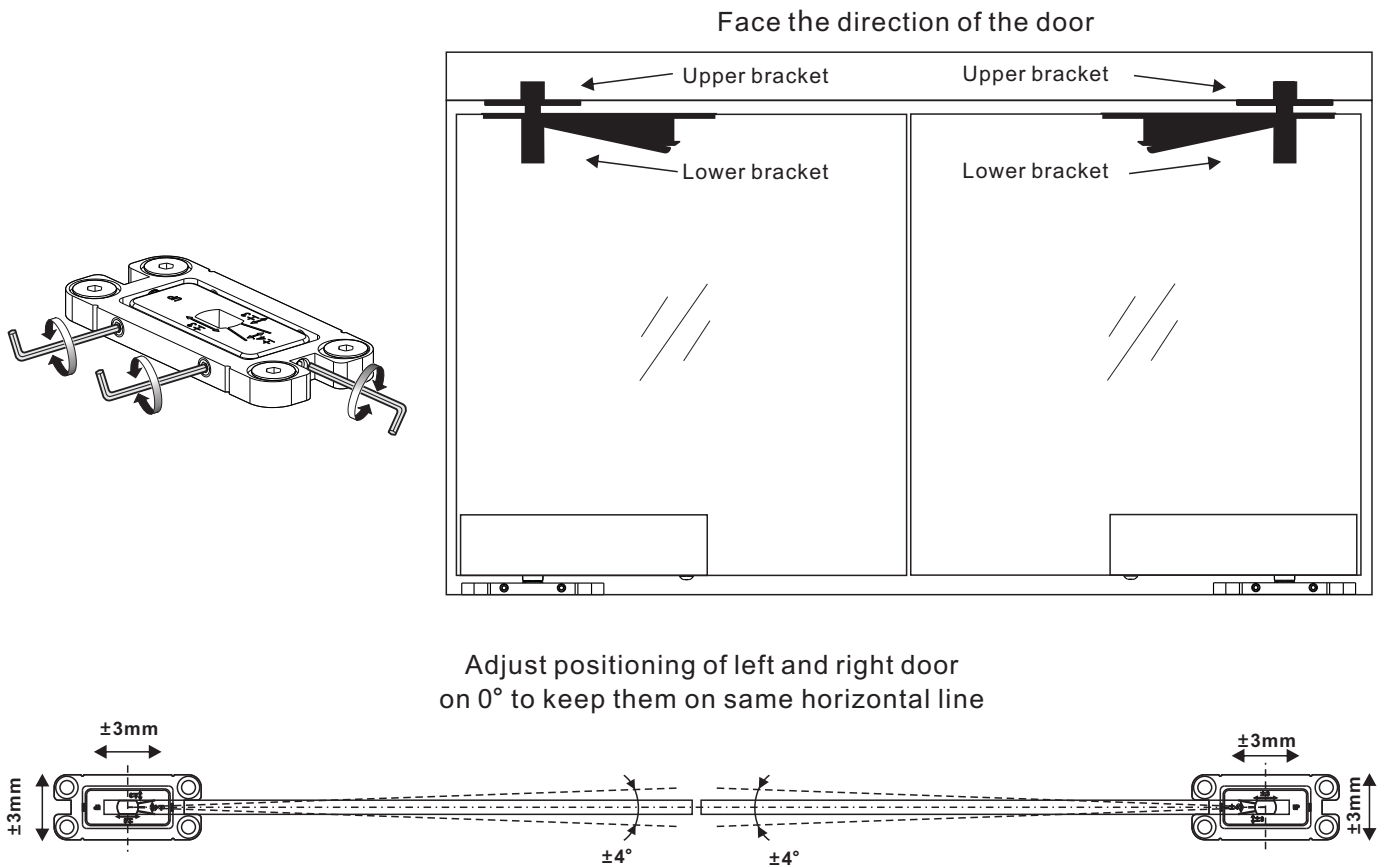
9 Adjust the buffer speed.

Adjust the buffer speed between the first and second speed.Adjust the first speed,then adjust the second speed till door works smoothly. It is a best way to adjust speed to turn speed valves 1/4 circle every time.
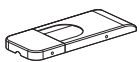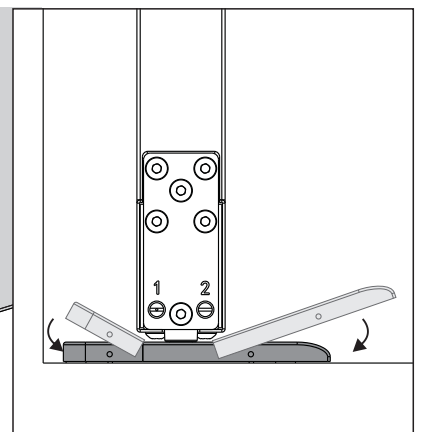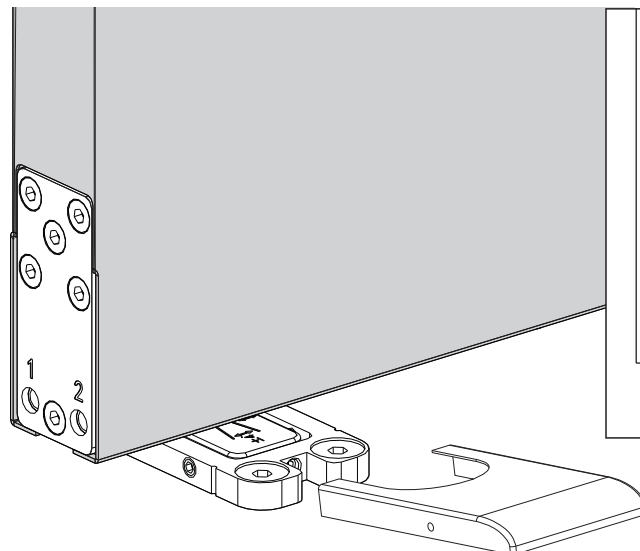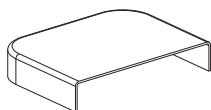
Hold open at 90 or no hold open

NO.1

90°

20°

NO.2

180°
(360°)

NO.2

20°

90°

NO.1

Hold open at 90 or no hold open

Speed valves

Fast (+)   Slow (-)

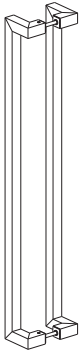SPEED NO.2 (20° - 0°)

SPEED NO.1 (90° - 20°)
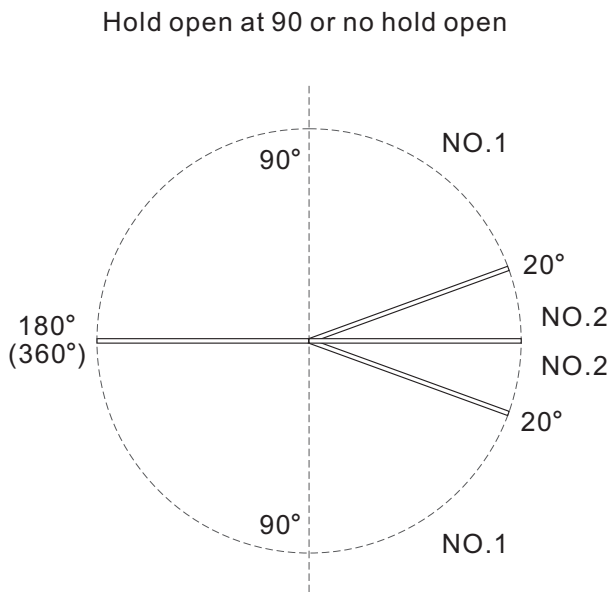
10 Put on stainless steel covers.

C

(x1)

11 Mount a handle.

D

(x1)