Double Pivot Door Installation Guide

Alpada Doors

Your pair is made to the size of your opening. The drawings show both leaves. Each leaf has its own floor plate and its own top pivot plate: install the two leaves the same way.

US units for the drawings

The drawings use millimeters (mm). W is the width of one leaf, H its height. 1 in = 25.4 mm; inch values are rounded.

Measurement	Inches	mm (as drawn)
Opening width	both leaves + 25/32	2W + 20
Gap, leaf to wall (each side)	at least 1/4	at least 6.5
Gap between the two leaves	about 9/32	7
Opening height	leaf height + 15/16	H + 24
Gap, leaf to top of opening	3/8	10
Gap, leaf to floor	about 9/16	14
Floor holes: drill bit, depth	about 3/8 dia., 1-3/16	Ø10, 30
Top pivot hole: drill bit, depth	25/32 dia., 25/32	Ø20, 20

Hardware and settings, per leaf

Floor plate: 4 × M8×25 bolts into Ø10 anchors (the 4 holes of step 1).

Top pivot plate, wood: 2 × ST4.8×25 screws (about #10 × 1 in).

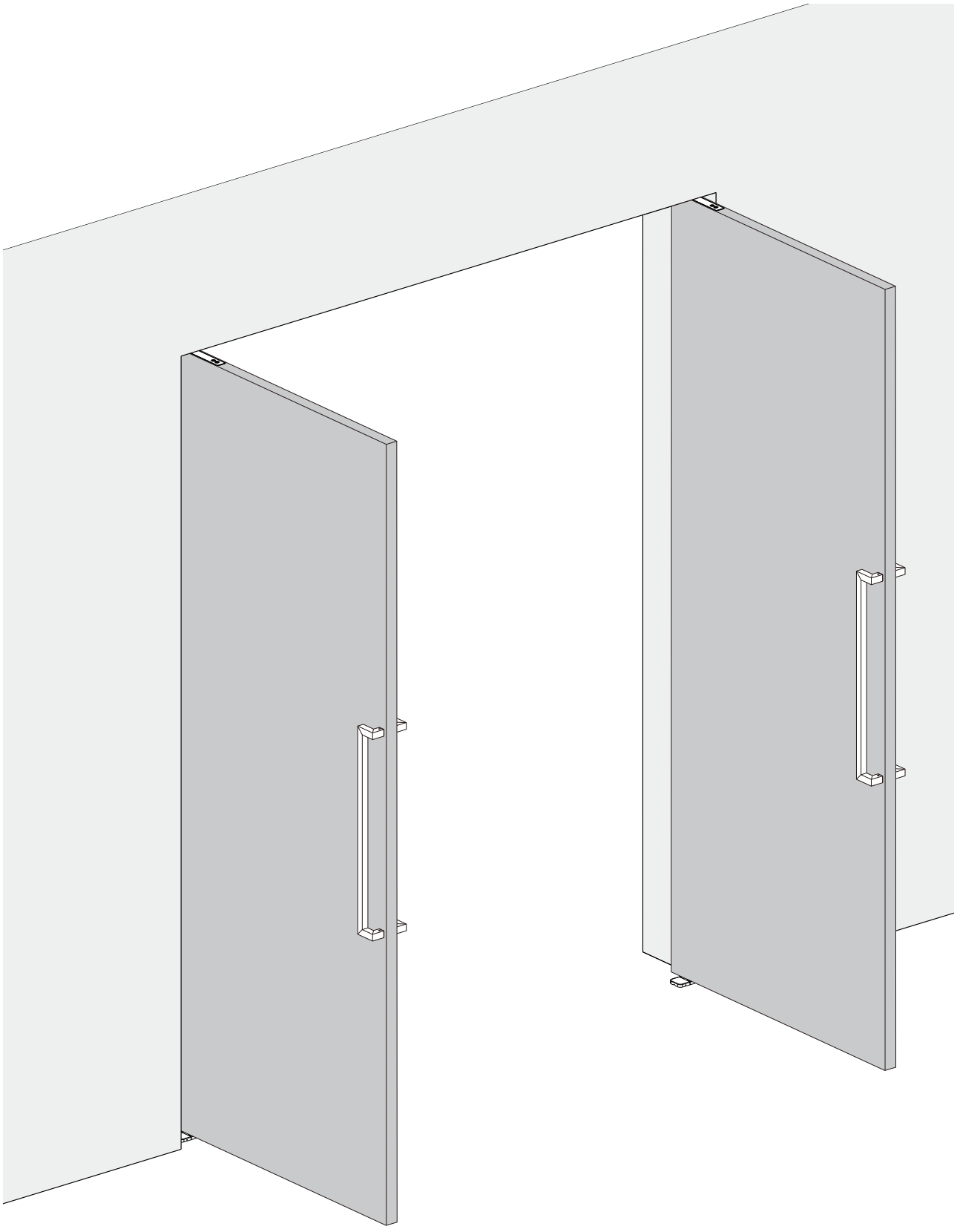
Top pivot plate, concrete: 2 × ST4.8×38 screws (about #10 × 1-1/2 in) with Ø8 anchors.

Closing speed: valve 1 sets 90° to 20°, valve 2 sets 20° to 0°. Turn a valve 1/4 turn at a time.

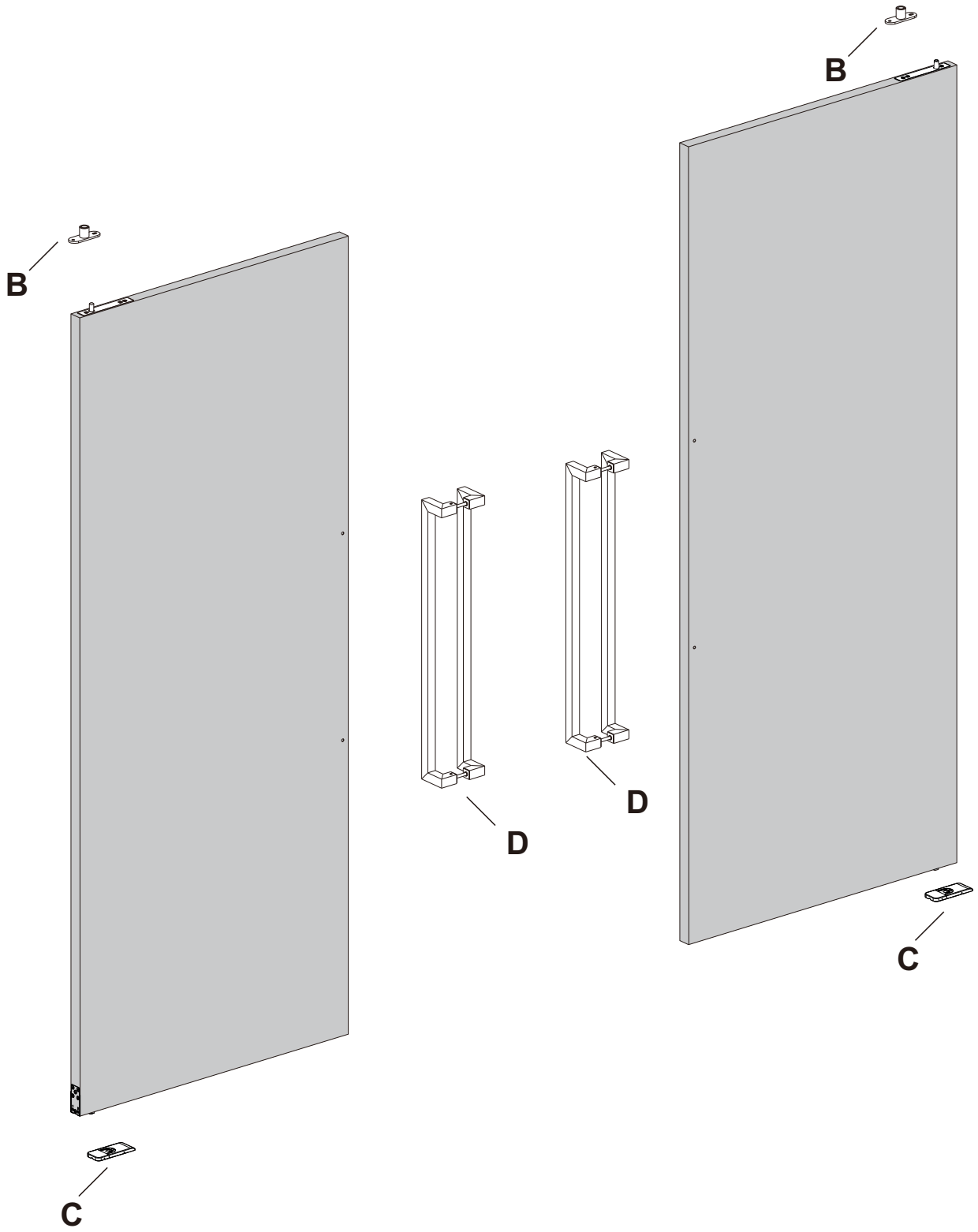
Hold open: at 90°, or none.

Questions after delivery: Alpada Doors Fulfillment & Customer Service, (380) 998-1620

Installation Manual

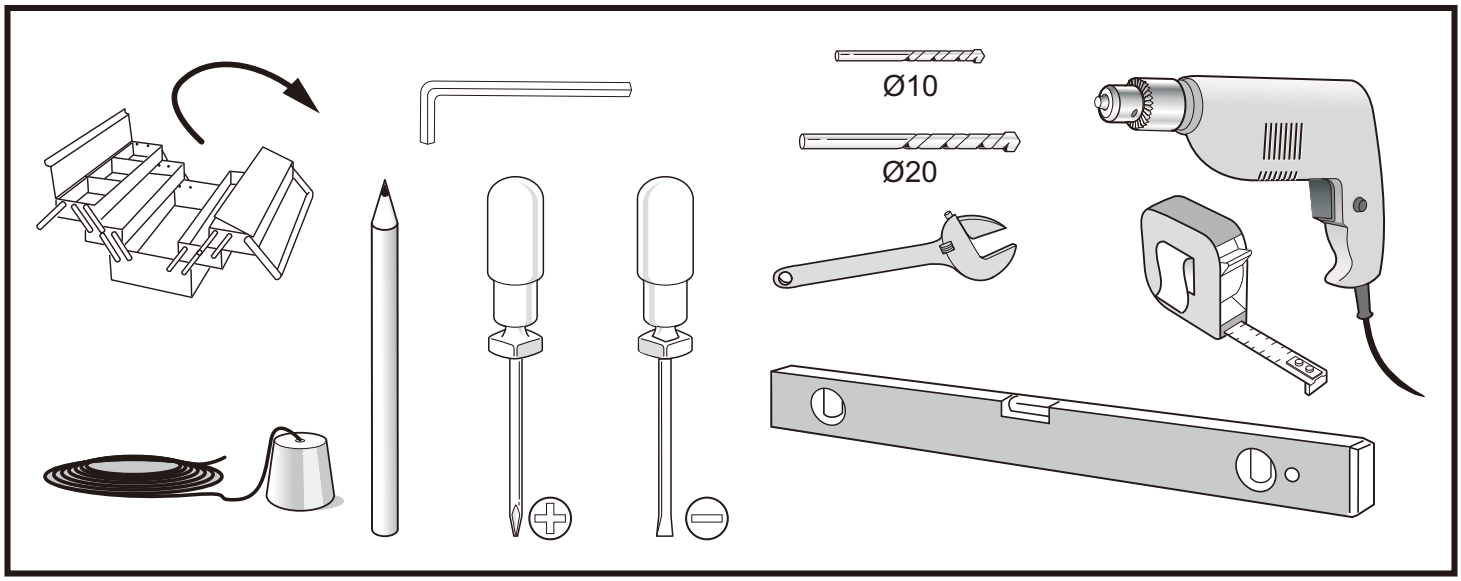


Components list



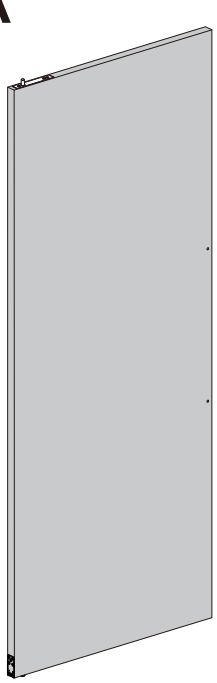
Pre-installation

TOOLS REQUIRED



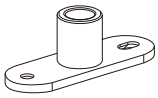
HARDWARE INCLUDED

A



(x2)

B



(x2)

Wooden Wall

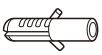


ST4.8x25(x4)

Cement Wall

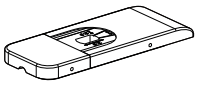


ST4.8x38(x4)



Ø8 (x4)

C



(x2)

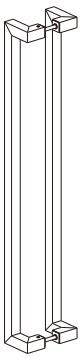


M8x25(x8)



Ø10 (x8)

D

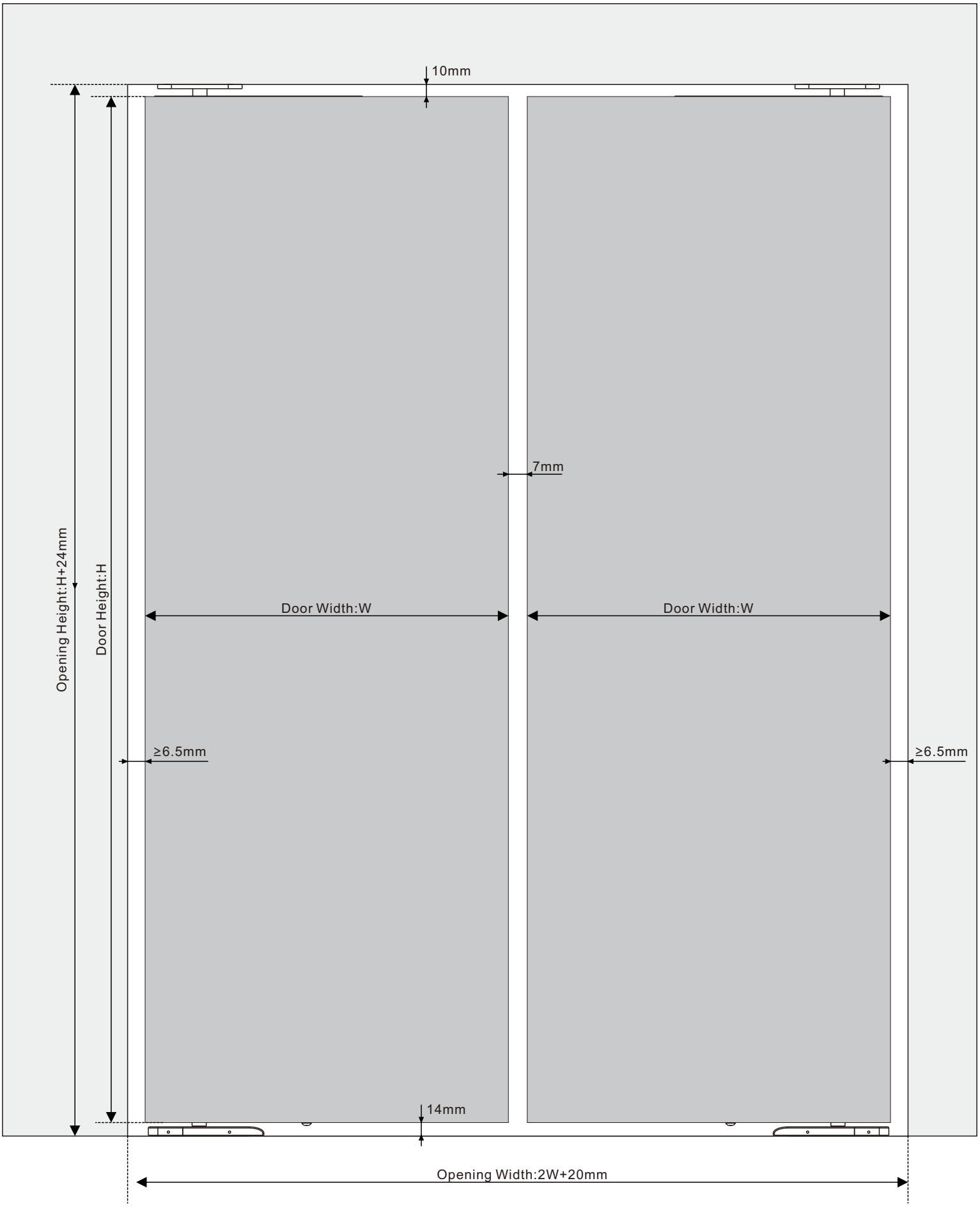


(x2)



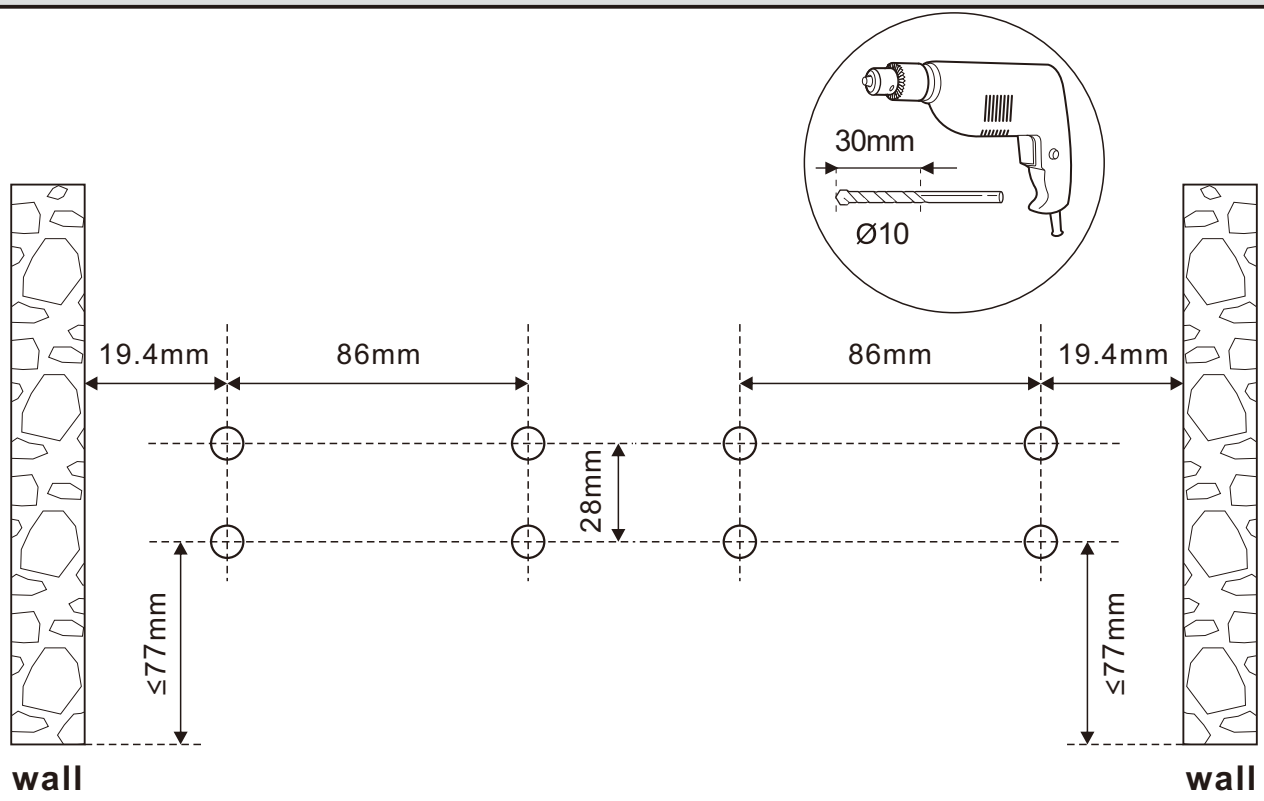
(x1)

Door preparation



Installation

1 **Determine the position of floor plate and mark hole locations.**
Drill holes in the floor at marked locations.



2 **Attach floor plate with bolts and anchors. Make sure the floor plate is well fixed.**

C



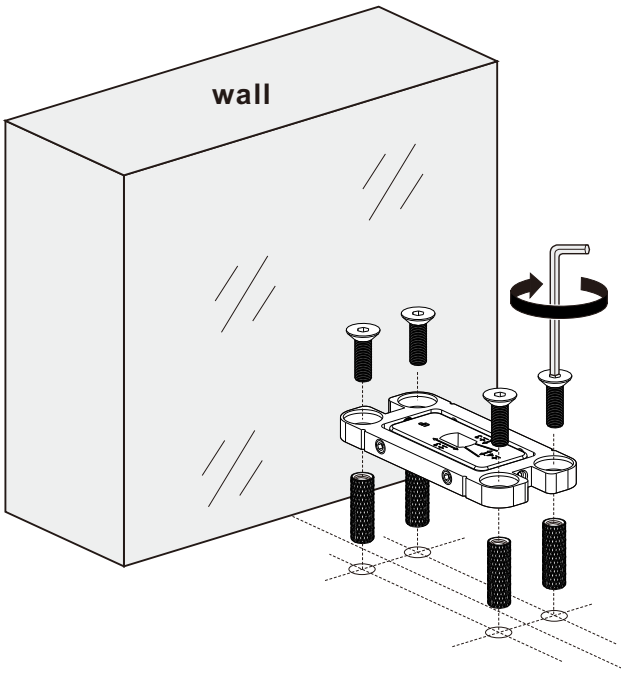
(x2)

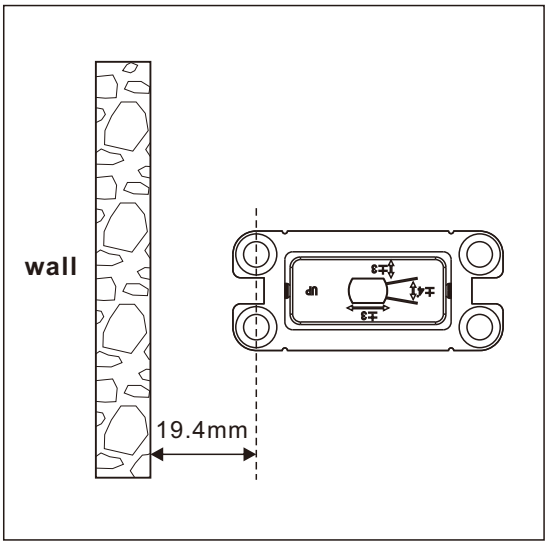


M8x25(x8)



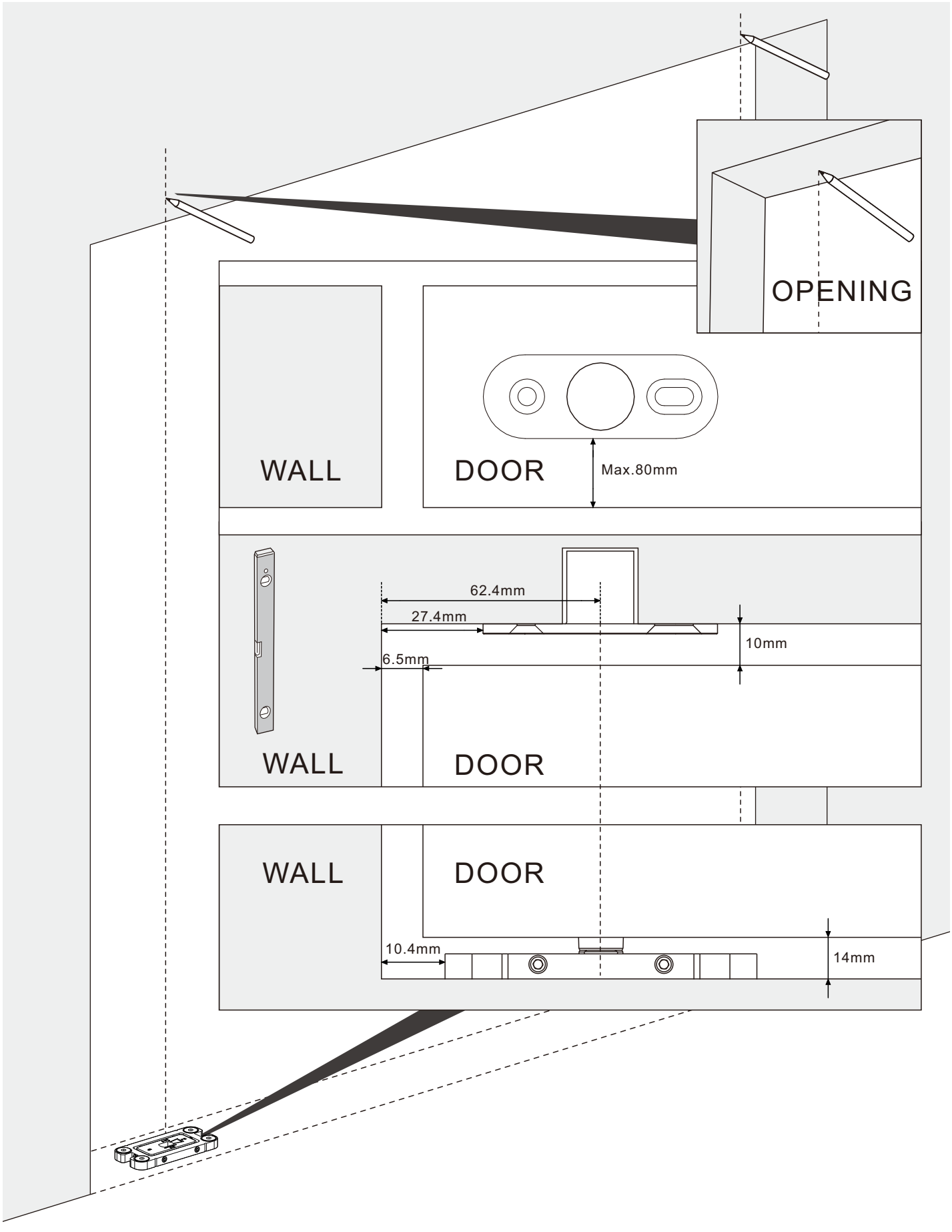
Ø10 (x8)



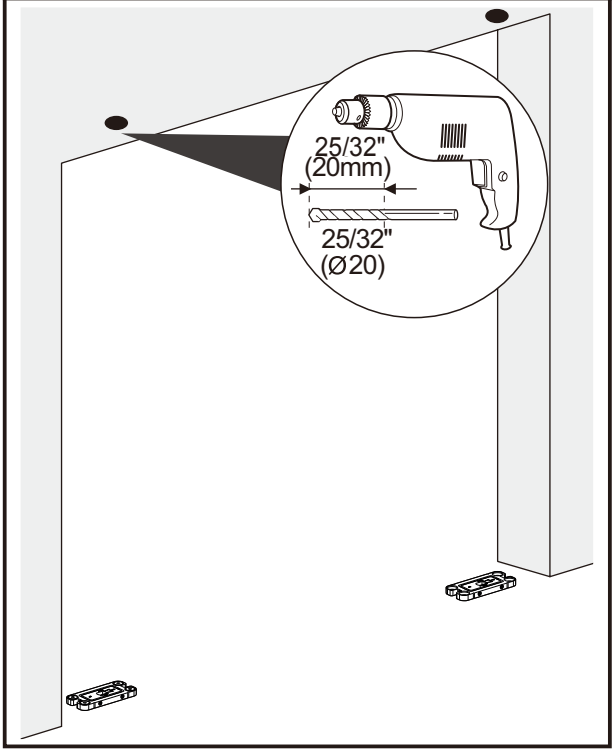


x2

3 **Mark the hole position of top pivot plate use a pencil. Make sure the top pivot plate axis is plumb with the bottom floor plate axis.**

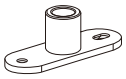


4 Drill holes at marked locations.



5 Affix top pivot plate with screws.

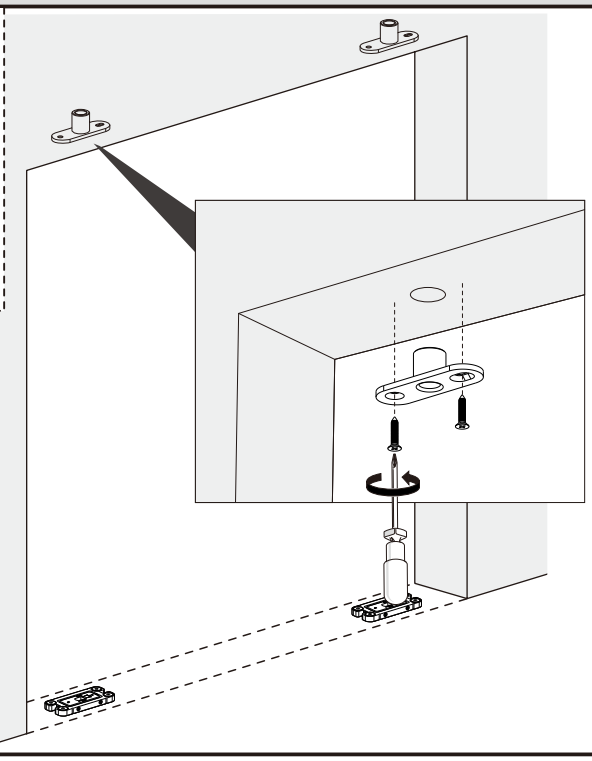
B



(x1)

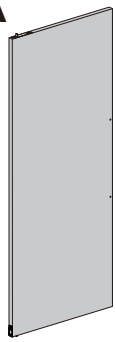


(x2)



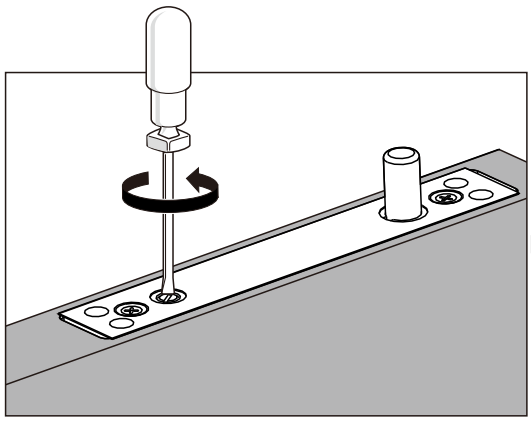
6 Loosen the screws of upper bracket to make pin retract. Position the door on the floor plate.

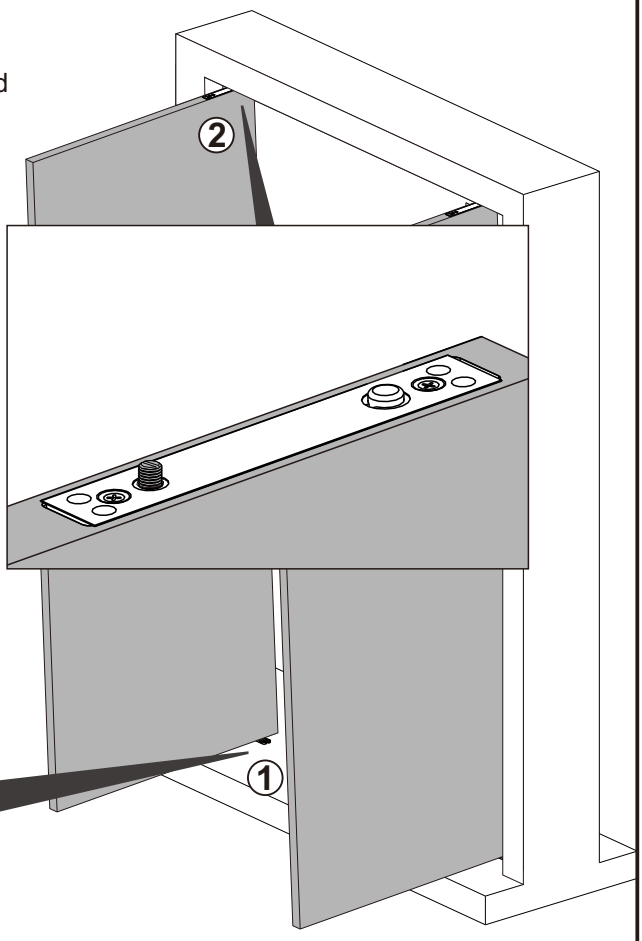
A

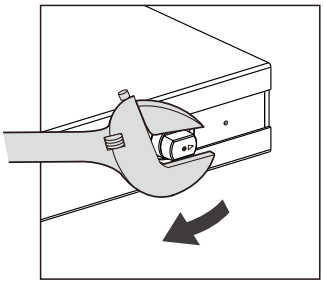


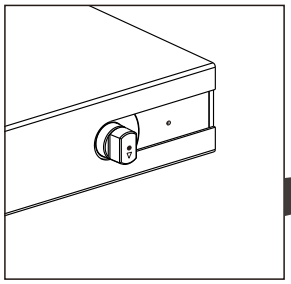
(x2)

Note: The upper bracket is pre-assembled onto the door leaf.



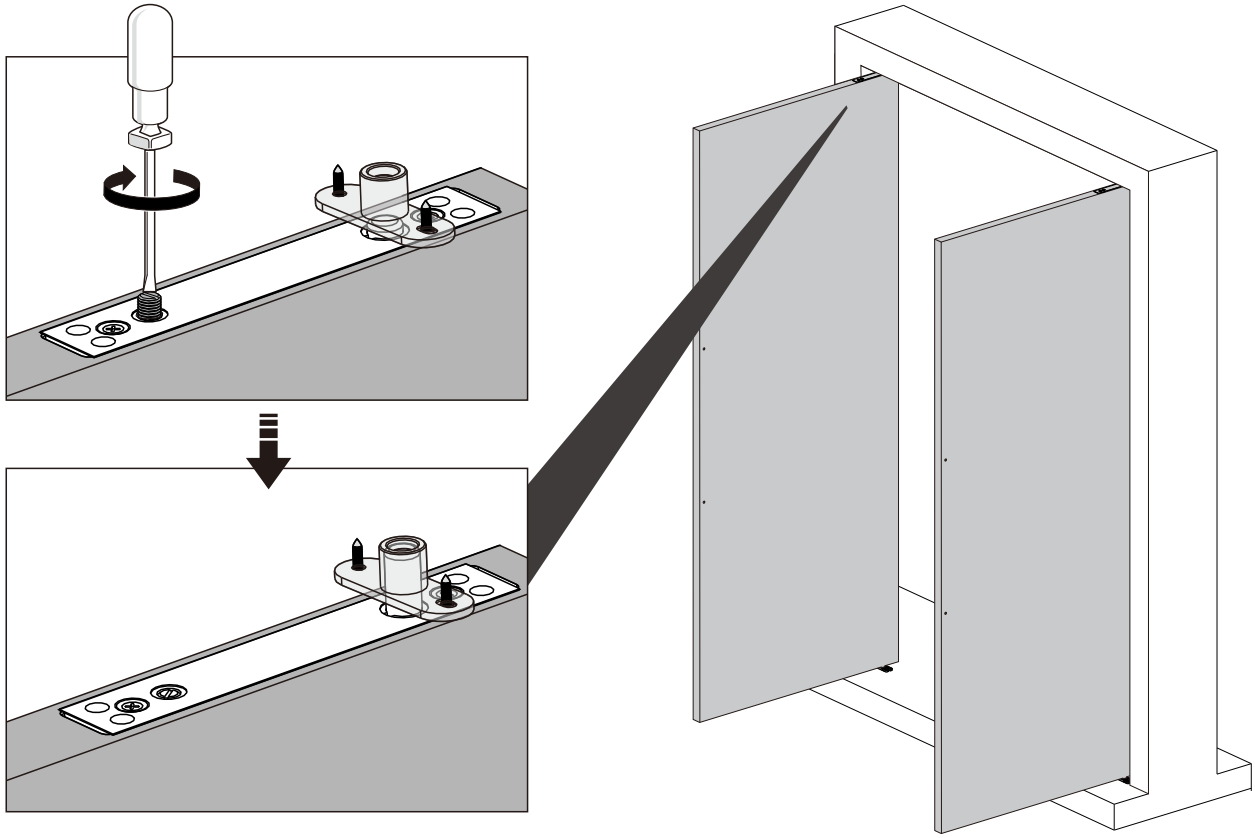




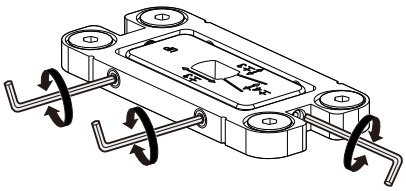


Note: Rotate bottom axle of the door.
Pay attention to the direction of rotation or installation, make sure when door is in closed position, the arrow is aligned with the ball.

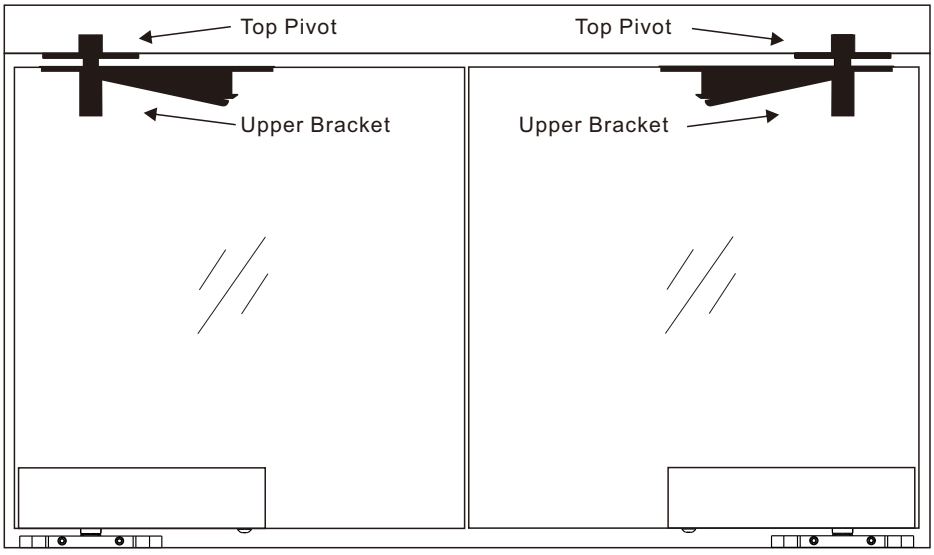
7 Fasten the screws to make pin pop out. Ensure the pin is correctly set inside the top pivot.



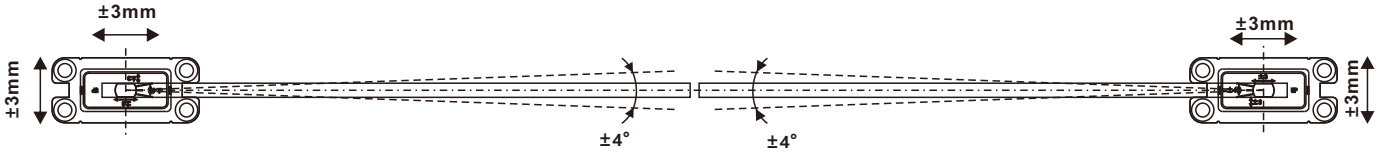
8 Fine-tune door positioning



Face the direction of the door

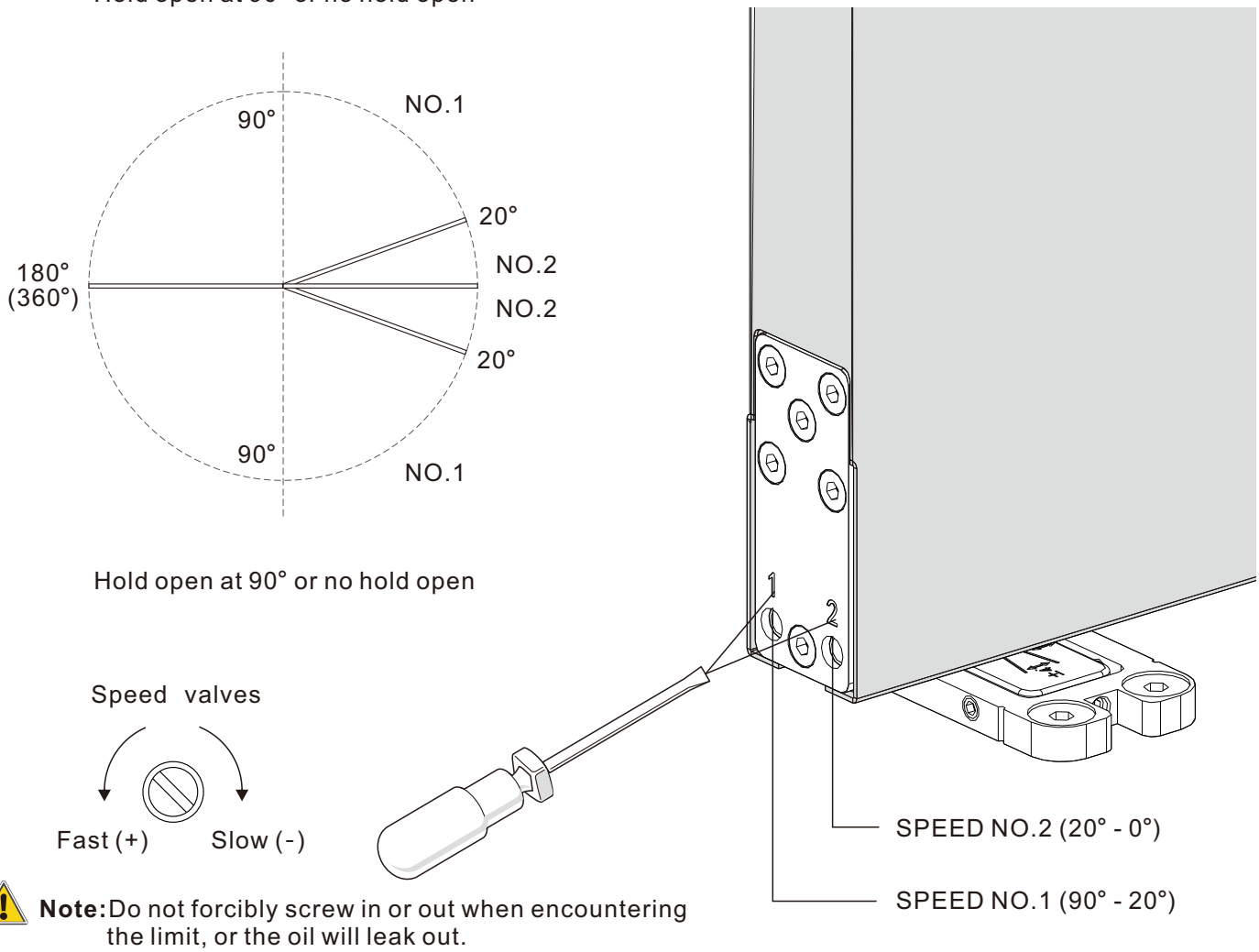


Fine-tune with screws in floor plate for door positioning.
Adjust until door on 0° position and properly aligned.



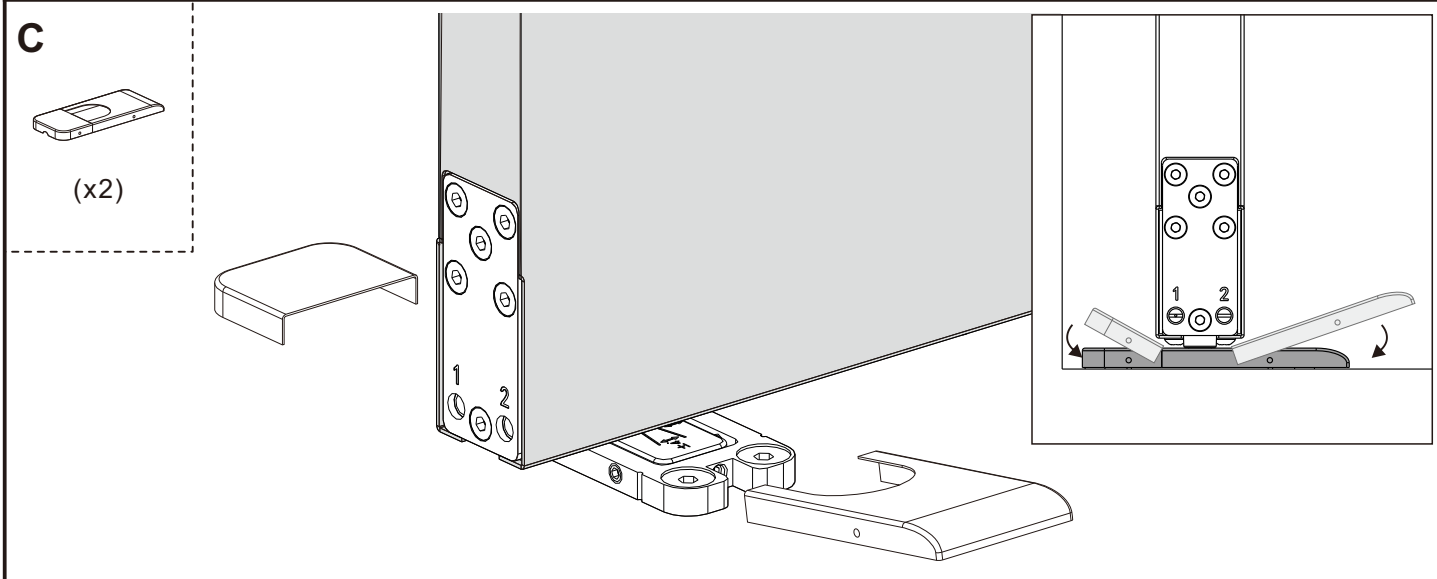
9 Adjust the buffer speed.

Adjust the buffer speed between speed NO.1 and NO.2. First adjust speed NO.1 (90°-20°) , then adjust speed NO.2 (20°-0°) till door works smoothly.
It is recommended to turn speed valves 1/4 circle every time.



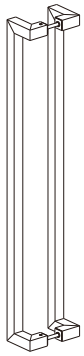
Note: Do not forcibly screw in or out when encountering the limit, or the oil will leak out.

10 Put stainless steel covers onto floor plate and tighten.



11 Install Door Handle.

D



(x2)

