

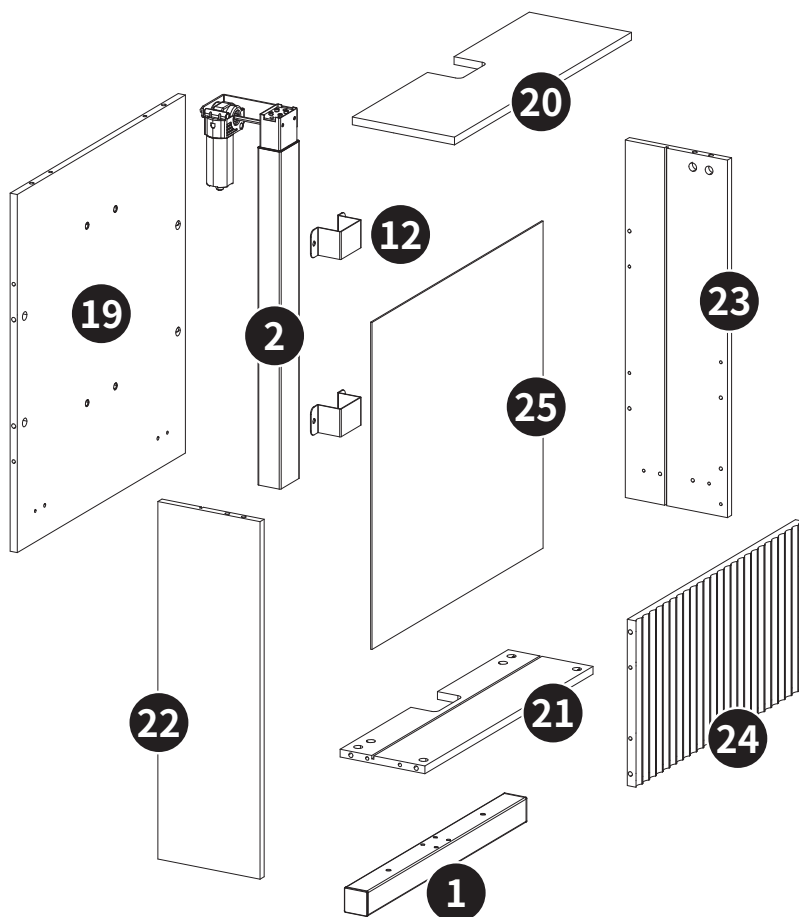
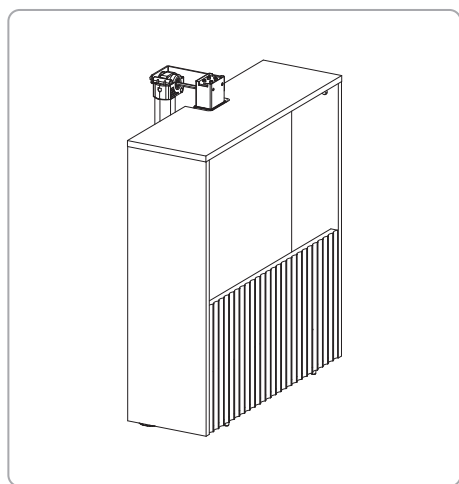
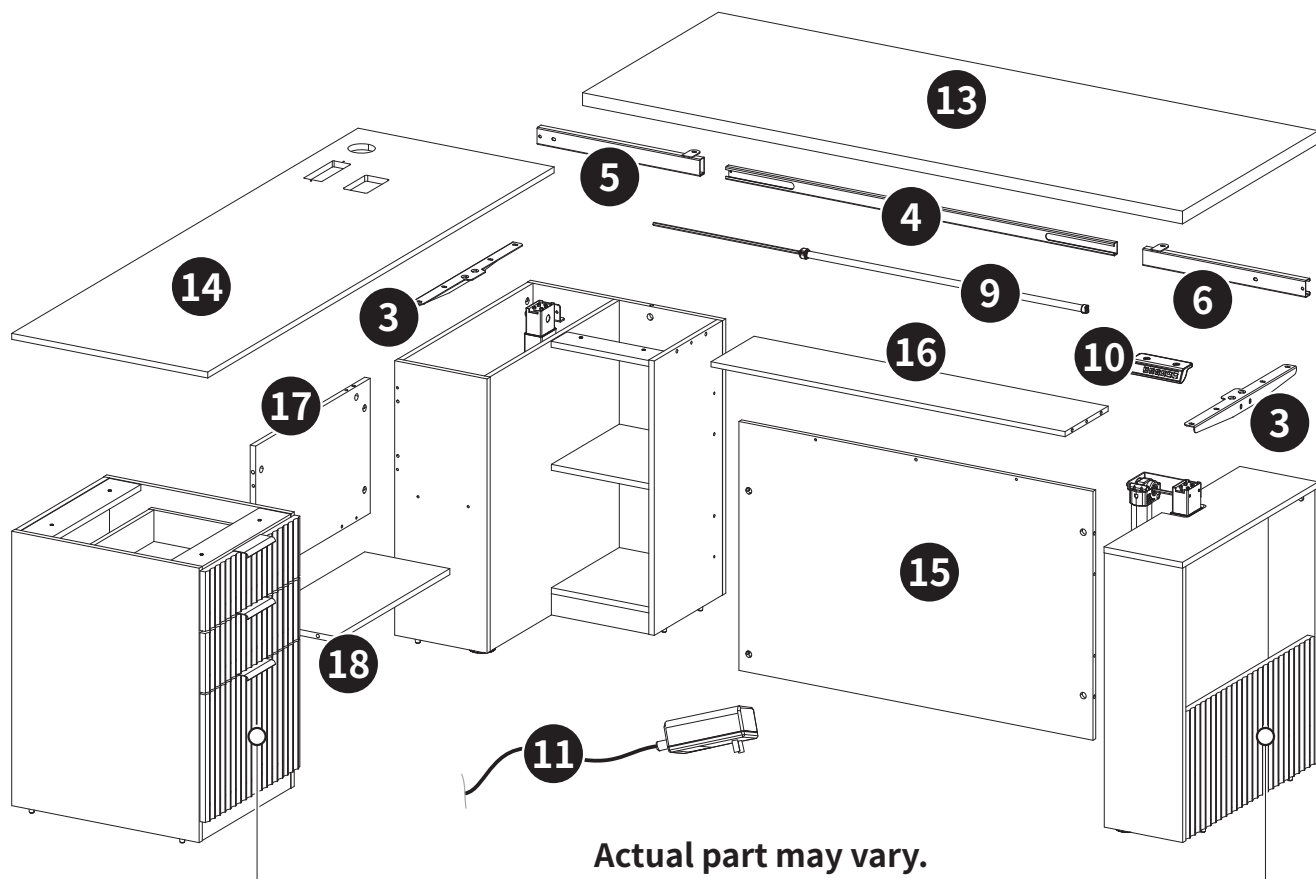
# AMESD02-C1

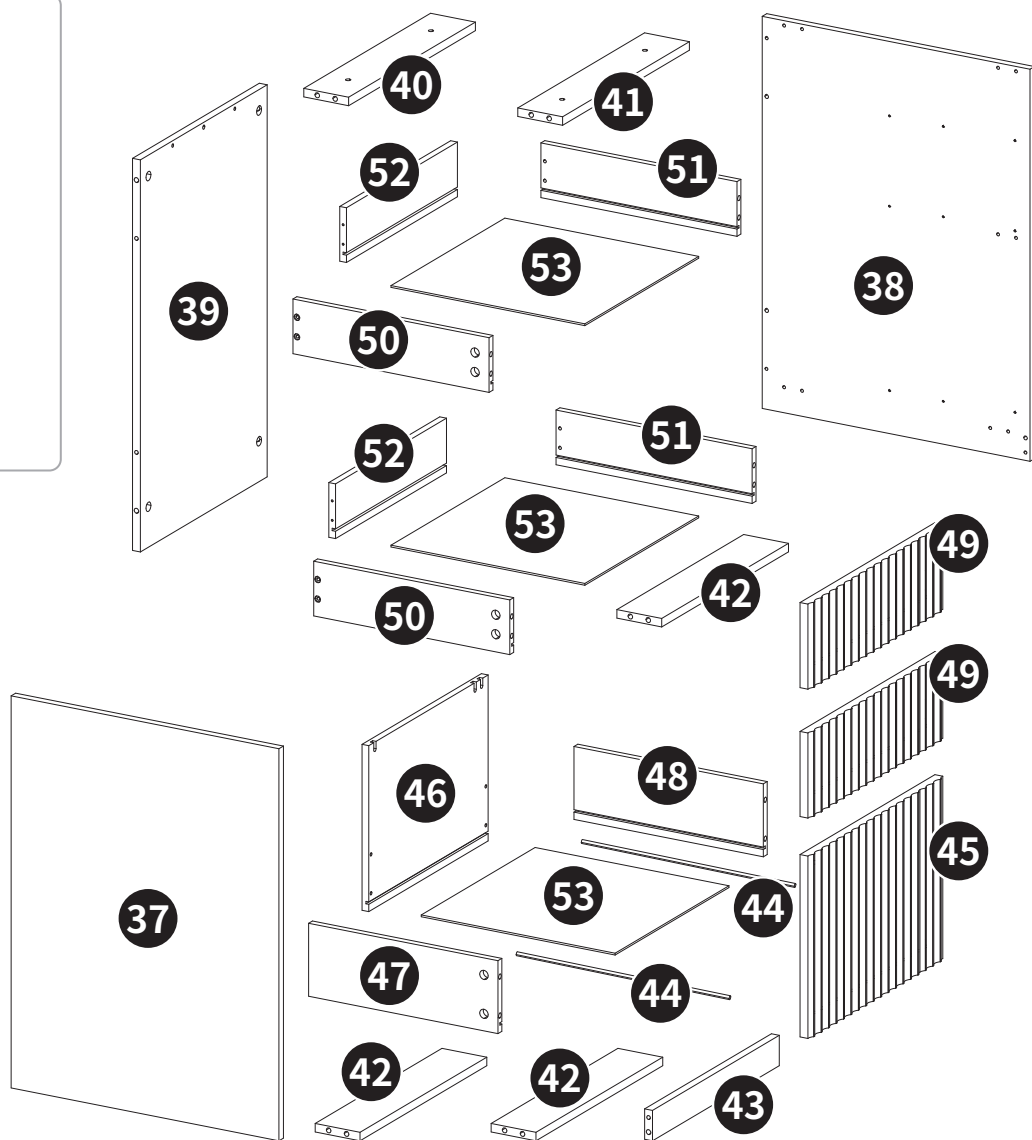
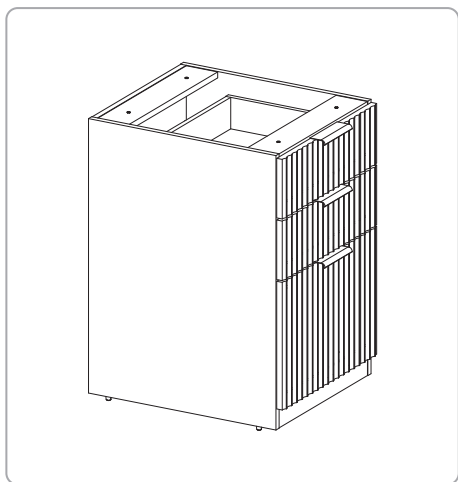
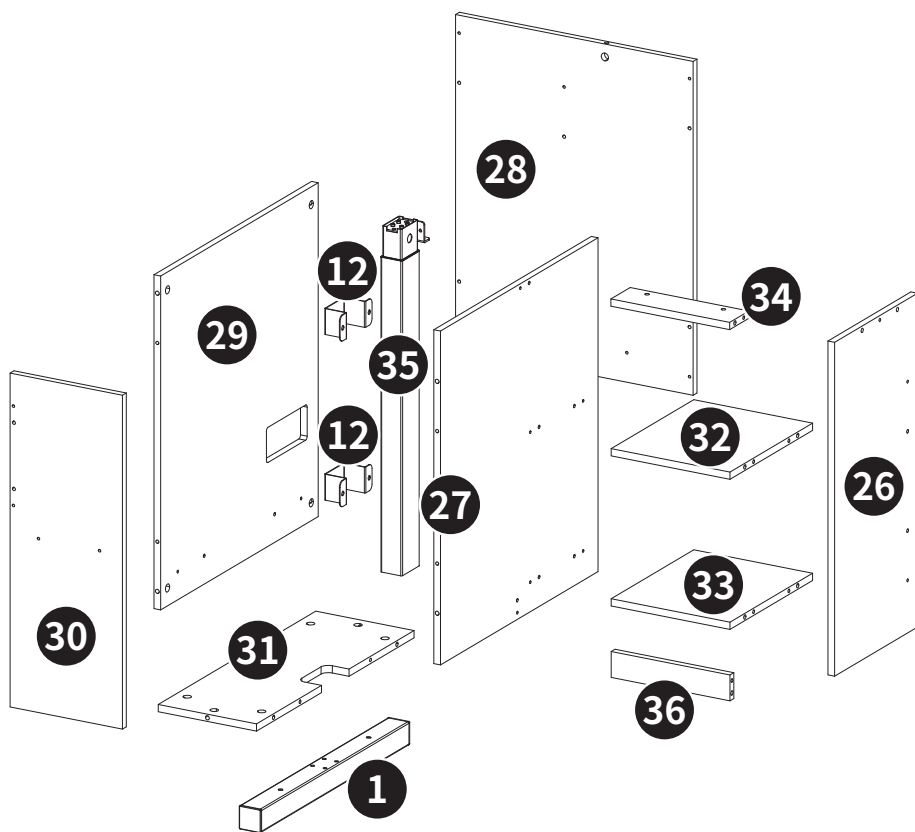
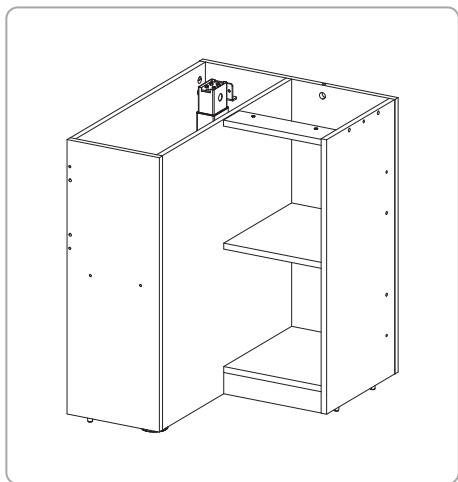
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✉ [help\\_service\\_center@outlook.com](mailto:help_service_center@outlook.com)



Installation  
Guide Video







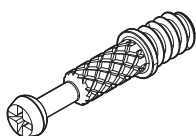
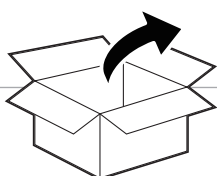
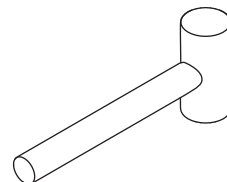
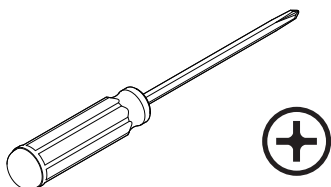
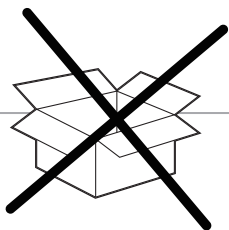
Height Adjustment Range  
28.3-46.5" (72-118cm)



Power Input  
100V-240V



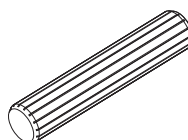
Max. Speed  
20mm/s



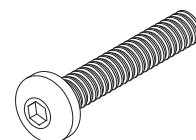
Ø6 x 32mm  
(A) x 111



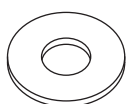
Ø15 x 9mm  
(B) x 111



Ø6 x 30mm  
(C) x 63



M6 x 55mm  
(D) x 12



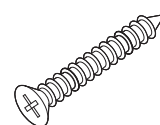
M6  
(E) x 4



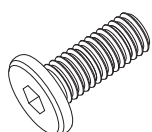
M6 x 11mm  
(F) x 22



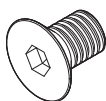
Ø3.5 x 12mm  
(G) x 44



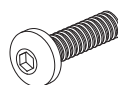
Ø4 x 38mm  
(H) x 12



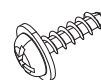
Ø6 x 22mm  
(I) x 6



M8 x 12mm  
(J) x 4

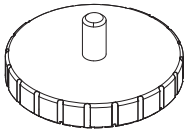
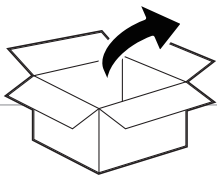


M6 x 15mm  
(K) x 10

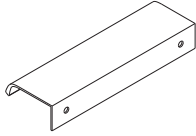


Ø5 x 15mm  
(L) x 2





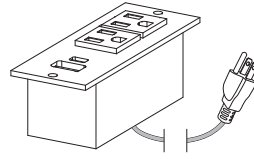
**M** x 4



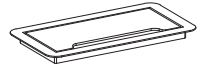
**N** x 3



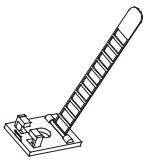
**O** x 1



**P** x 1



**Q** x 1



**R** x 2



3/16" (5mm)

**S** x 1



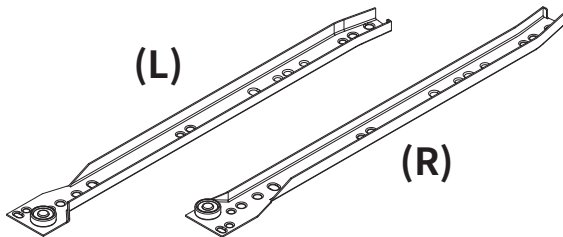
5/32" (4mm)

**T** x 1

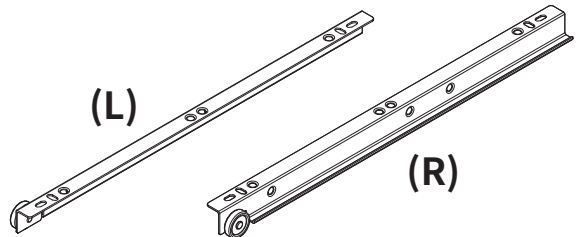


5/64" (2mm)

**U** x 1

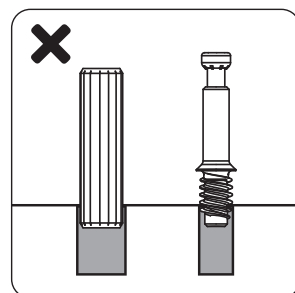
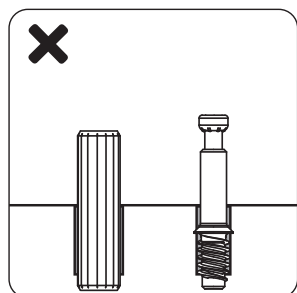
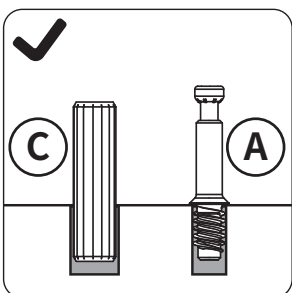
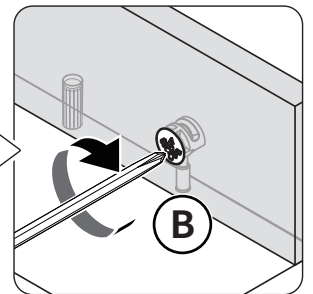
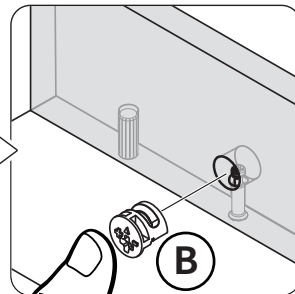
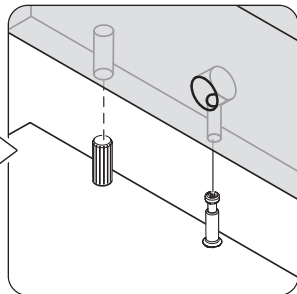
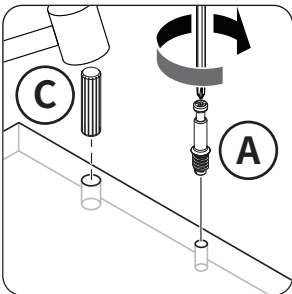


**07** x 3

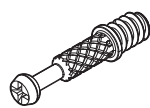


**08** x 3

## Installation Guide

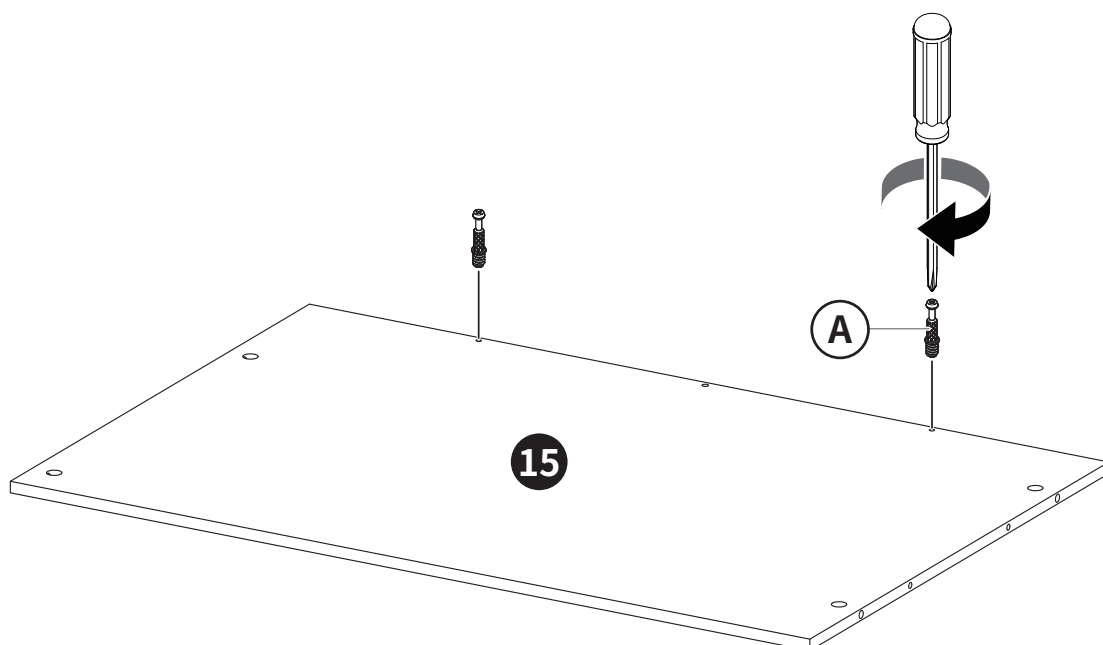


# 1



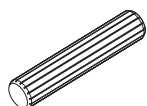
Ø6 x 32mm

(A) x 2



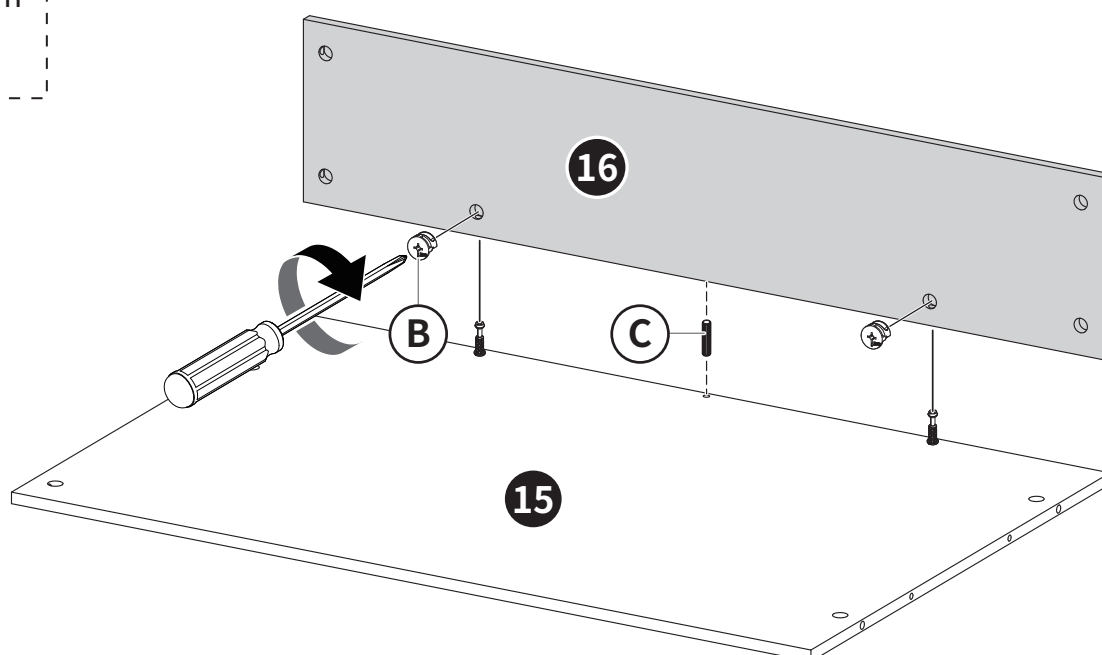
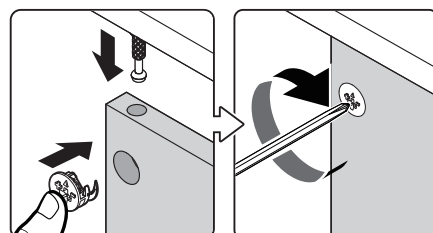
Ø15 x 9mm

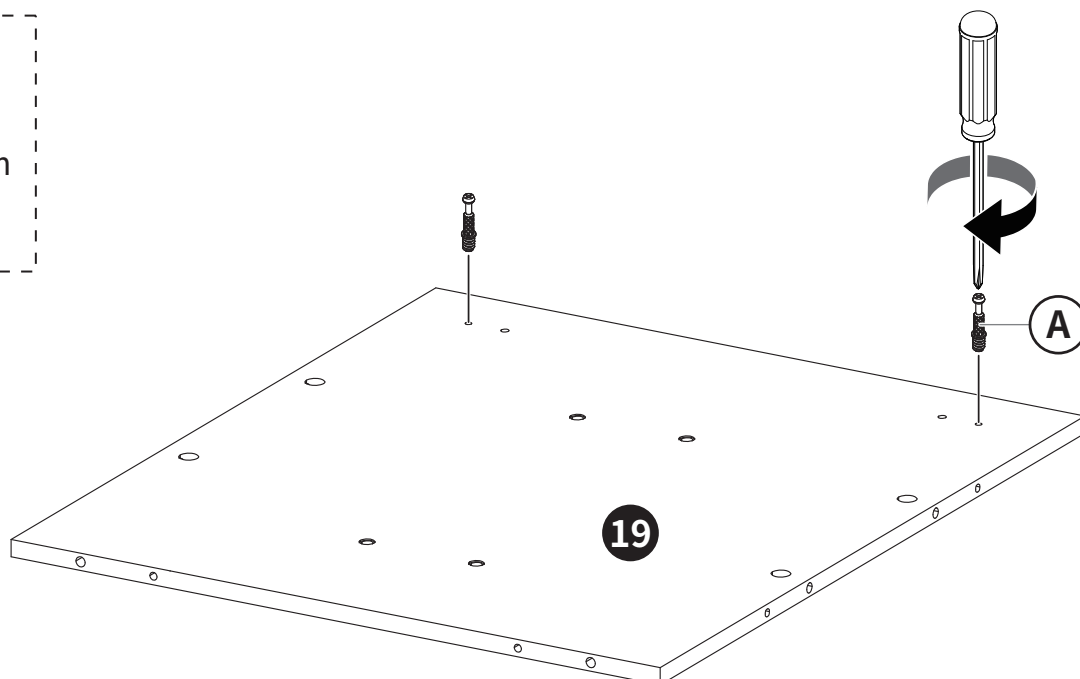
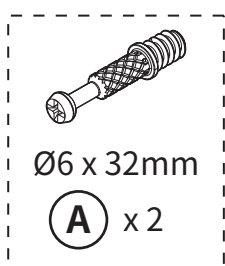
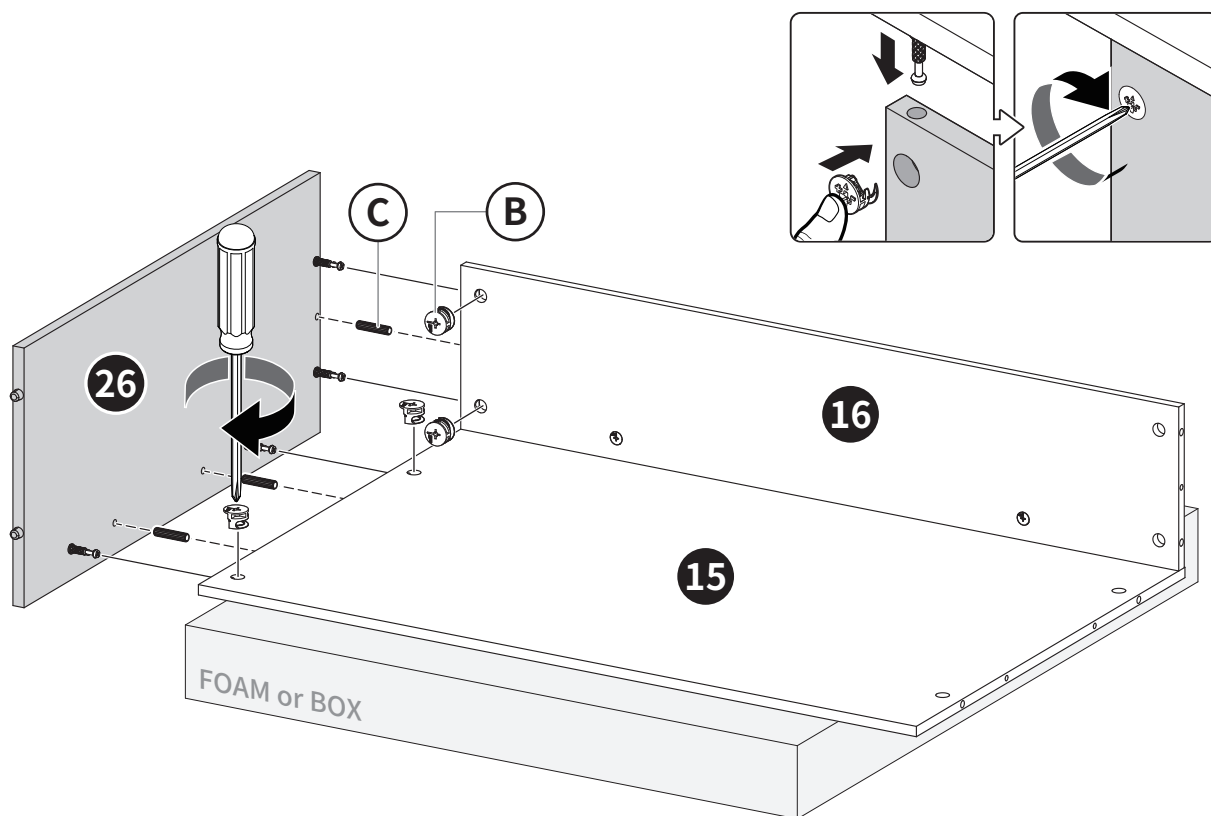
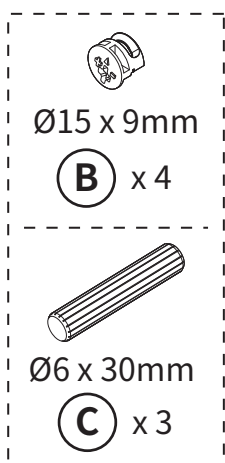
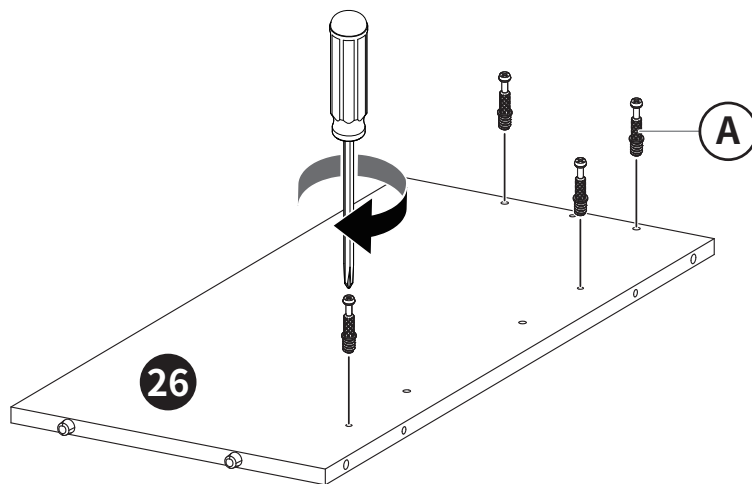
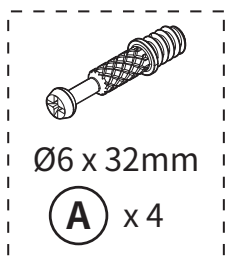
(B) x 2

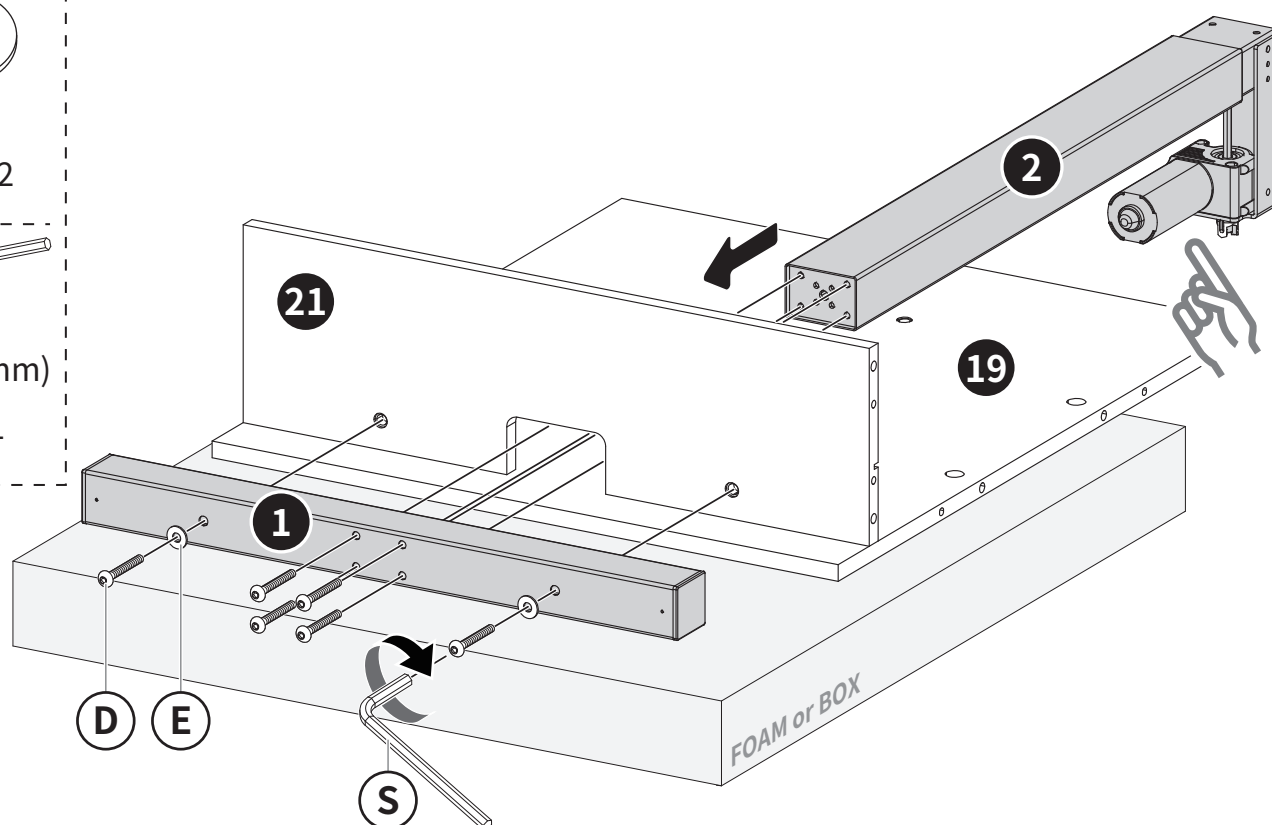
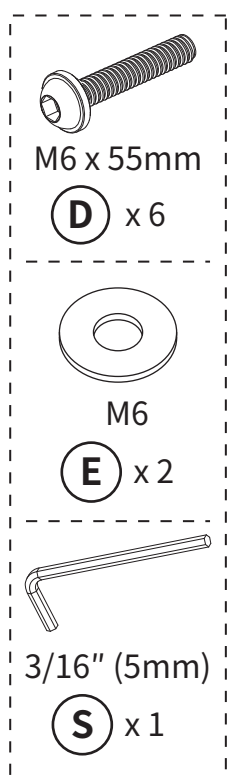
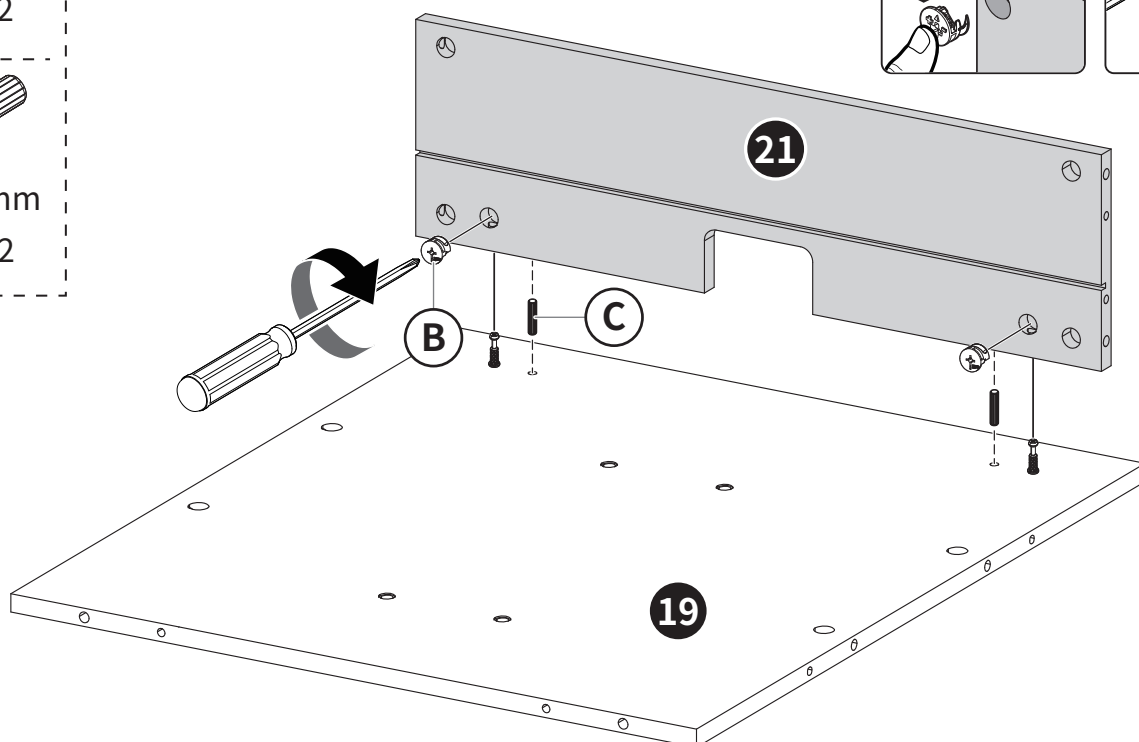
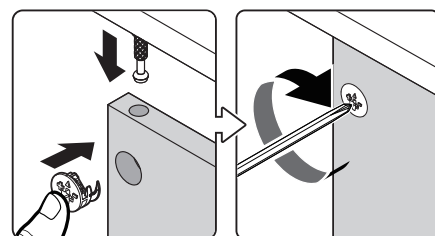
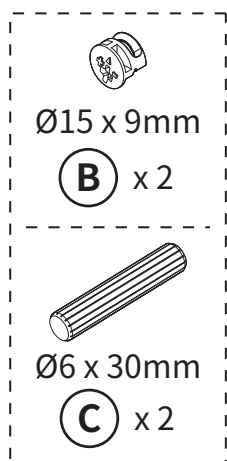


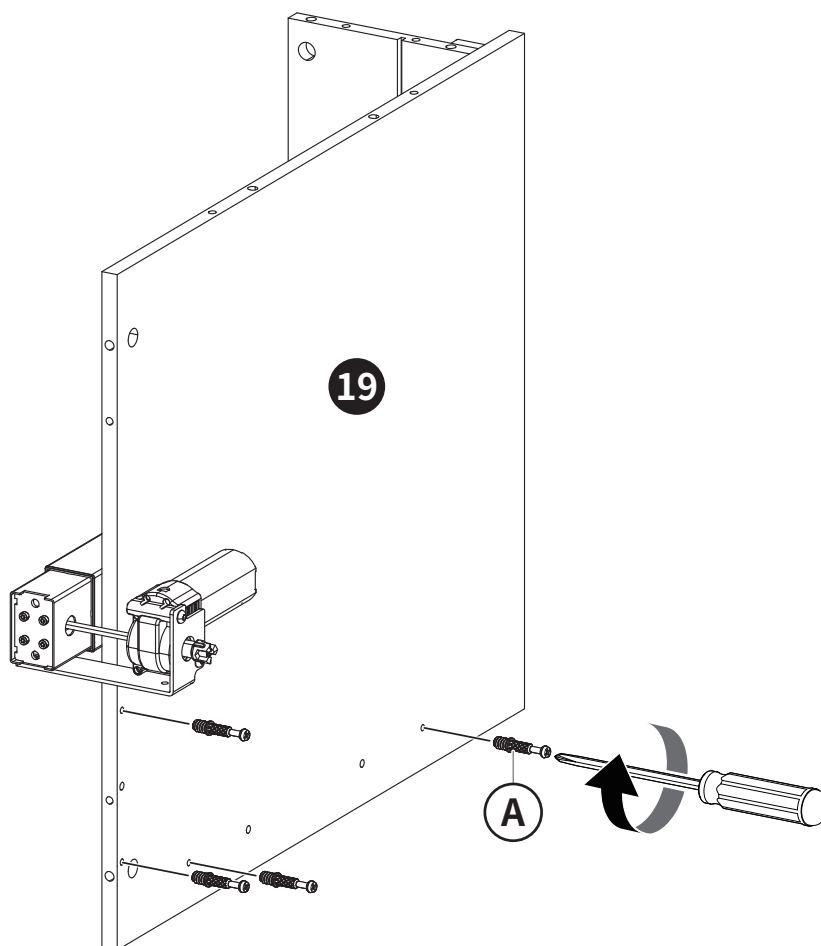
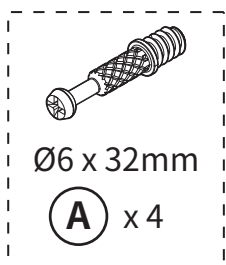
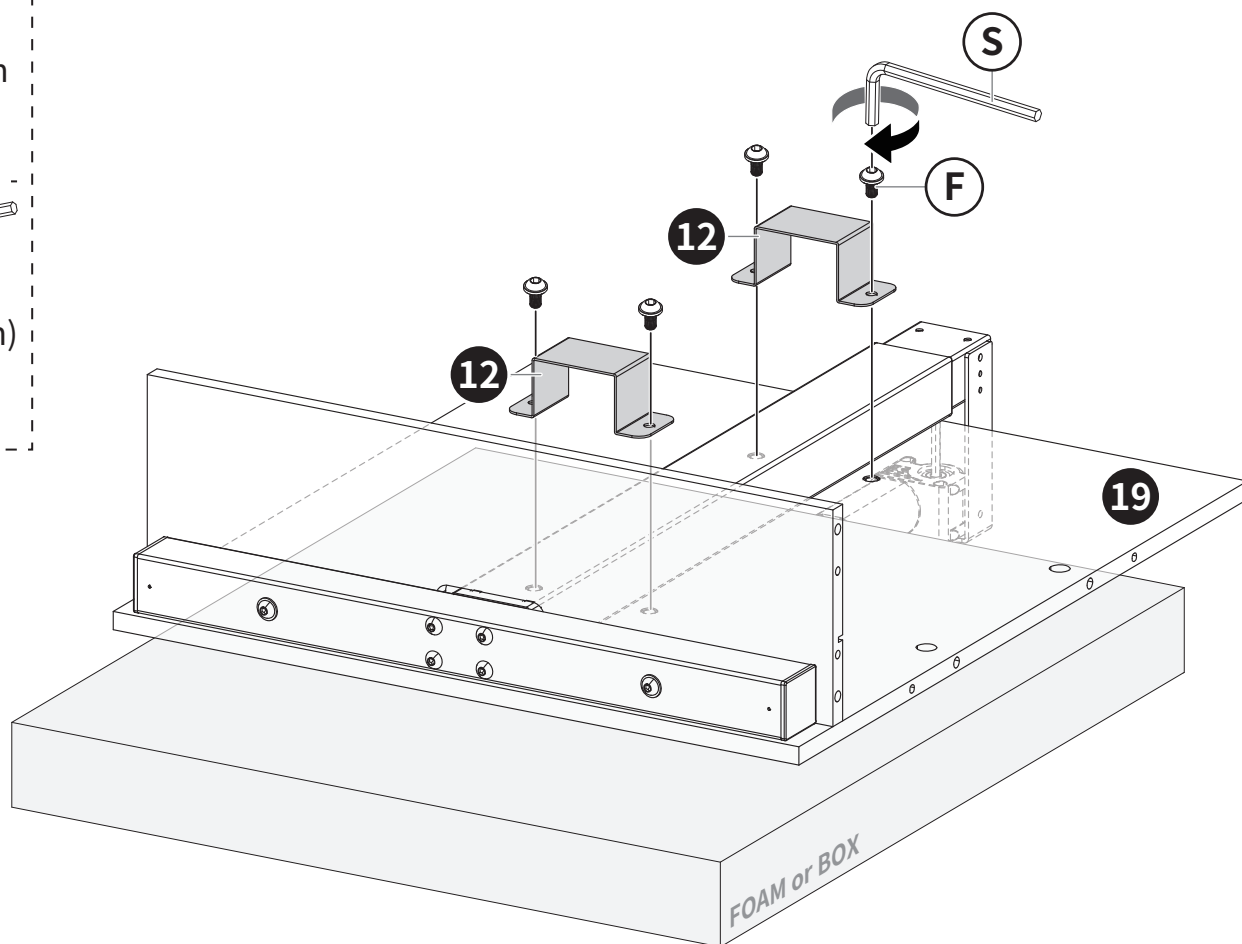
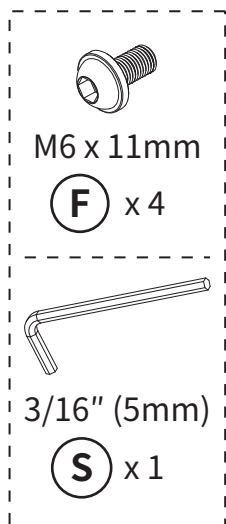
Ø6 x 30mm

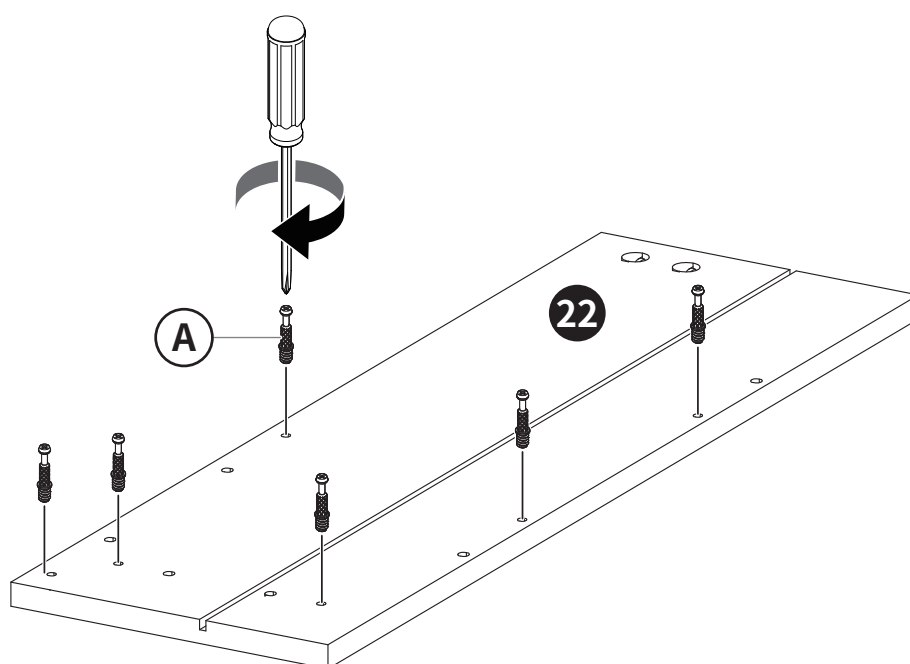
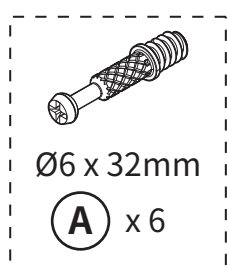
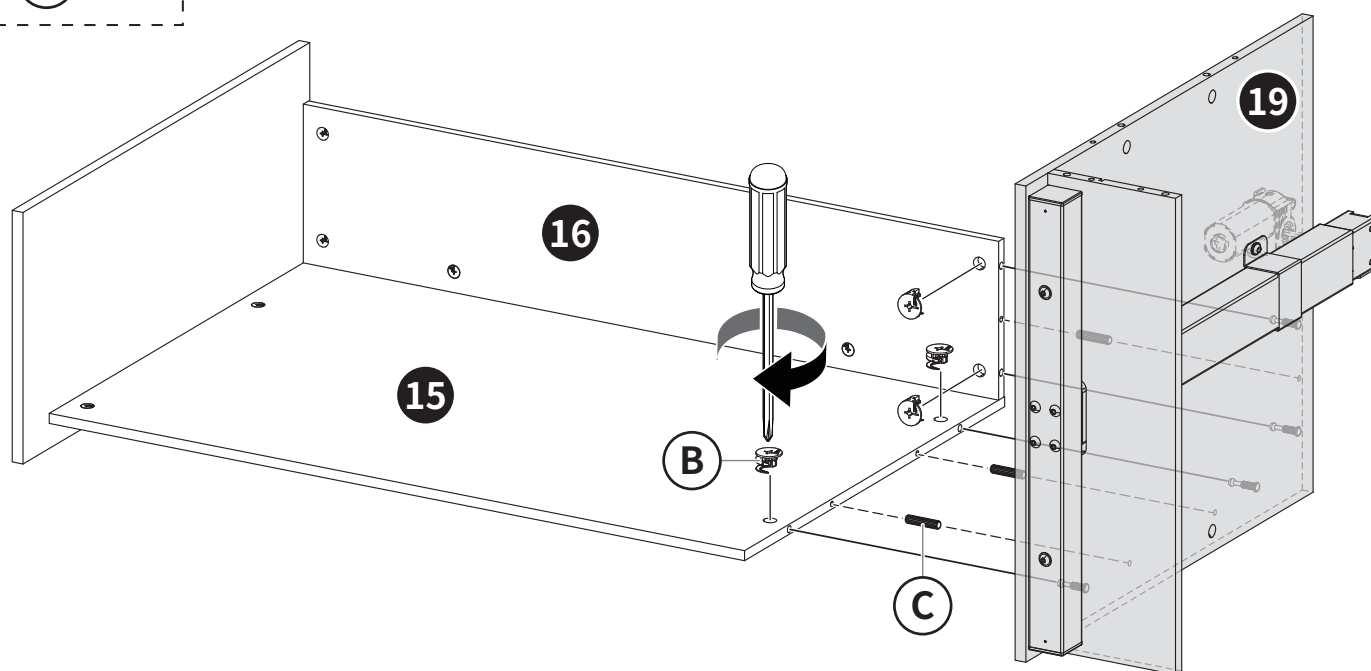
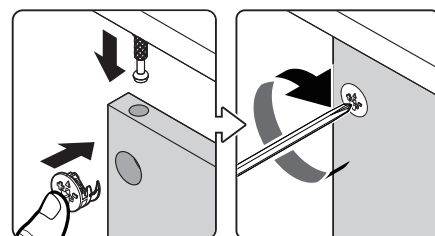
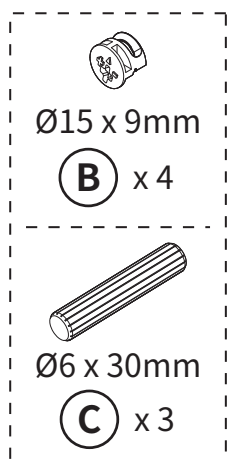
(C) x 1

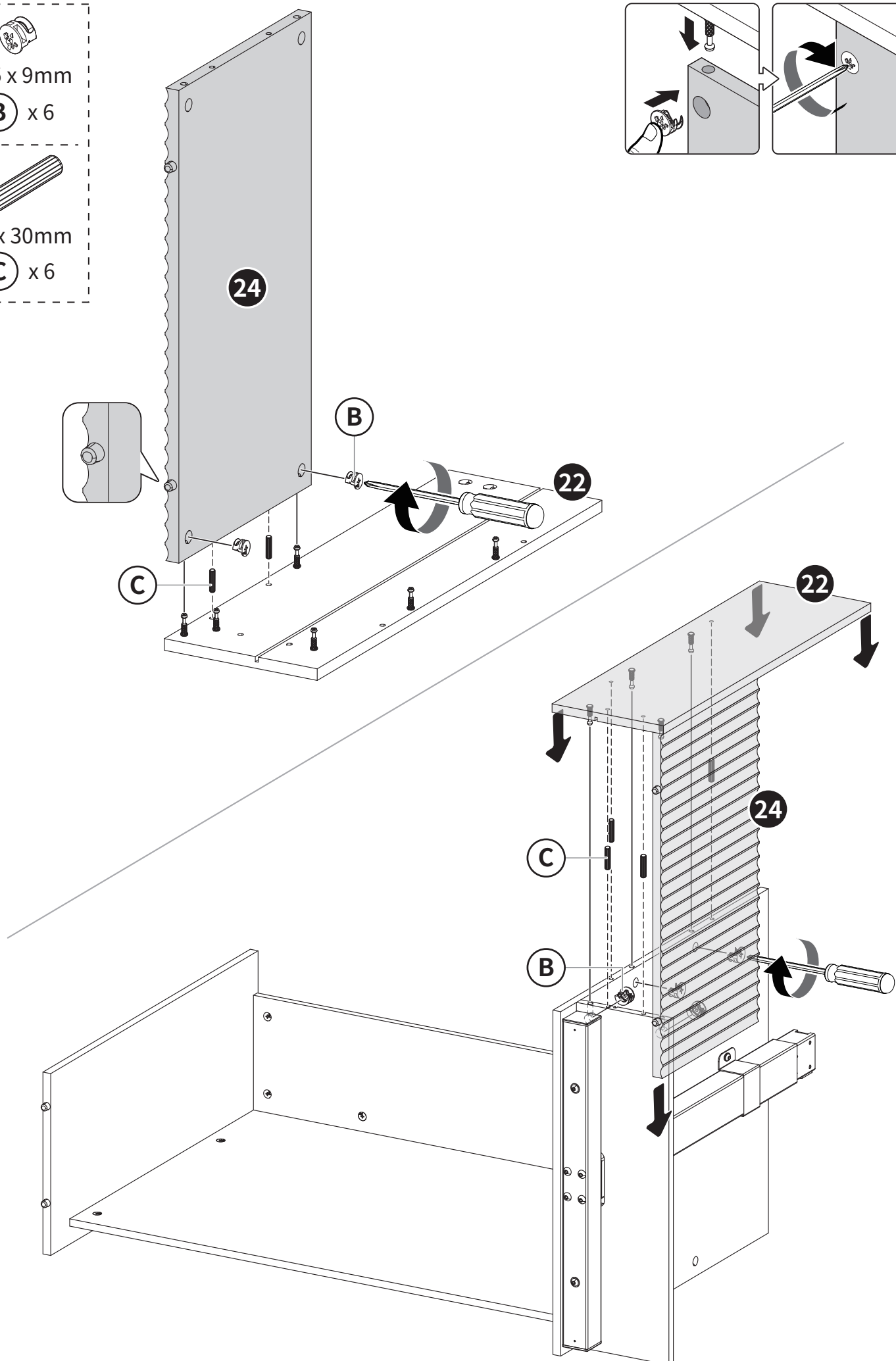
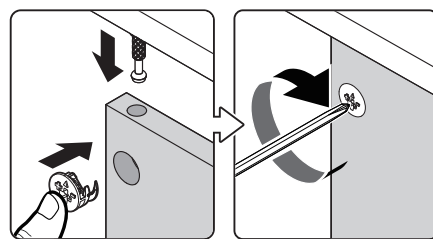
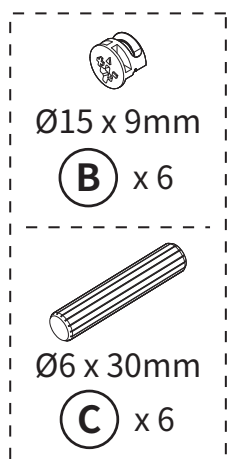


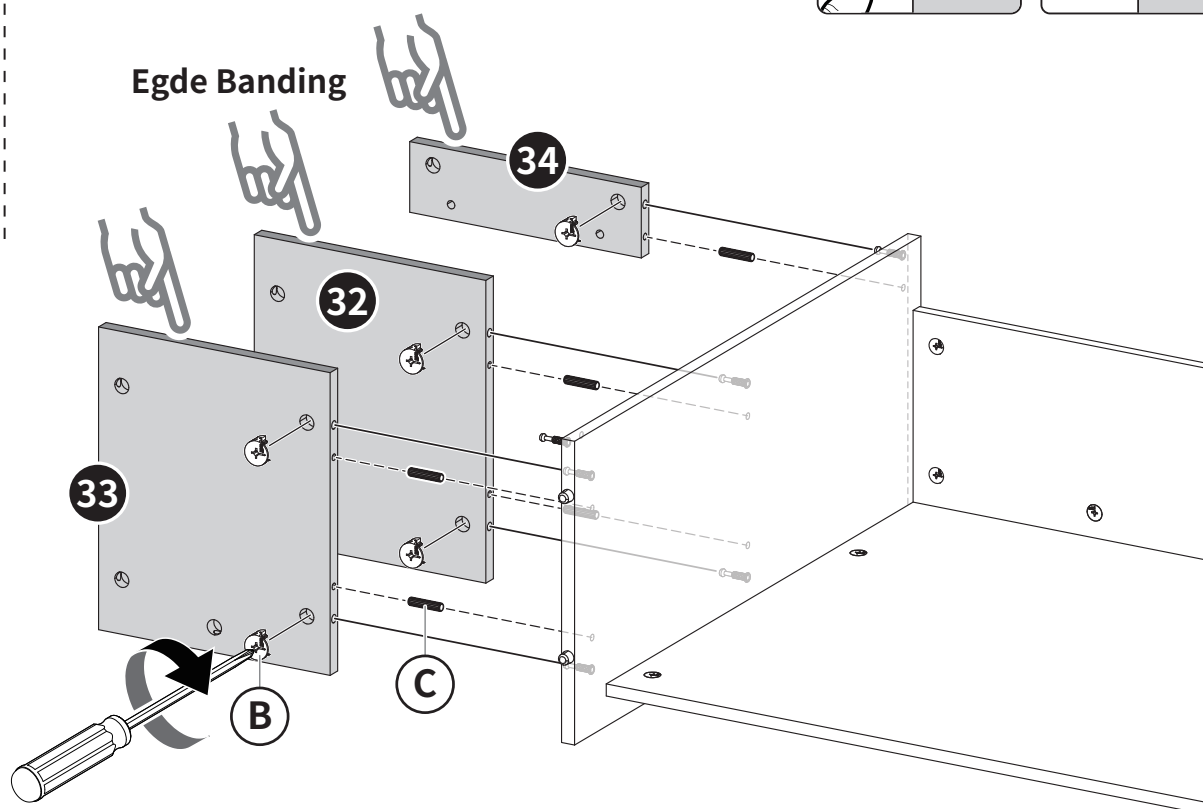
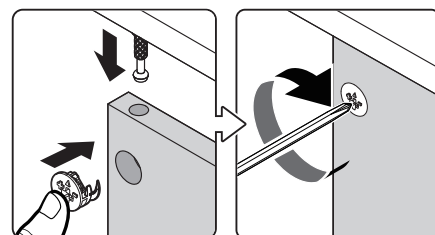
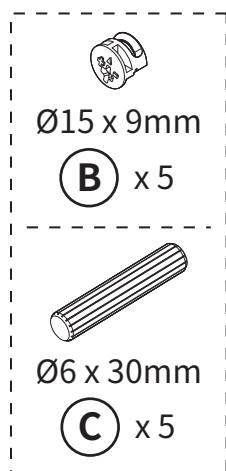
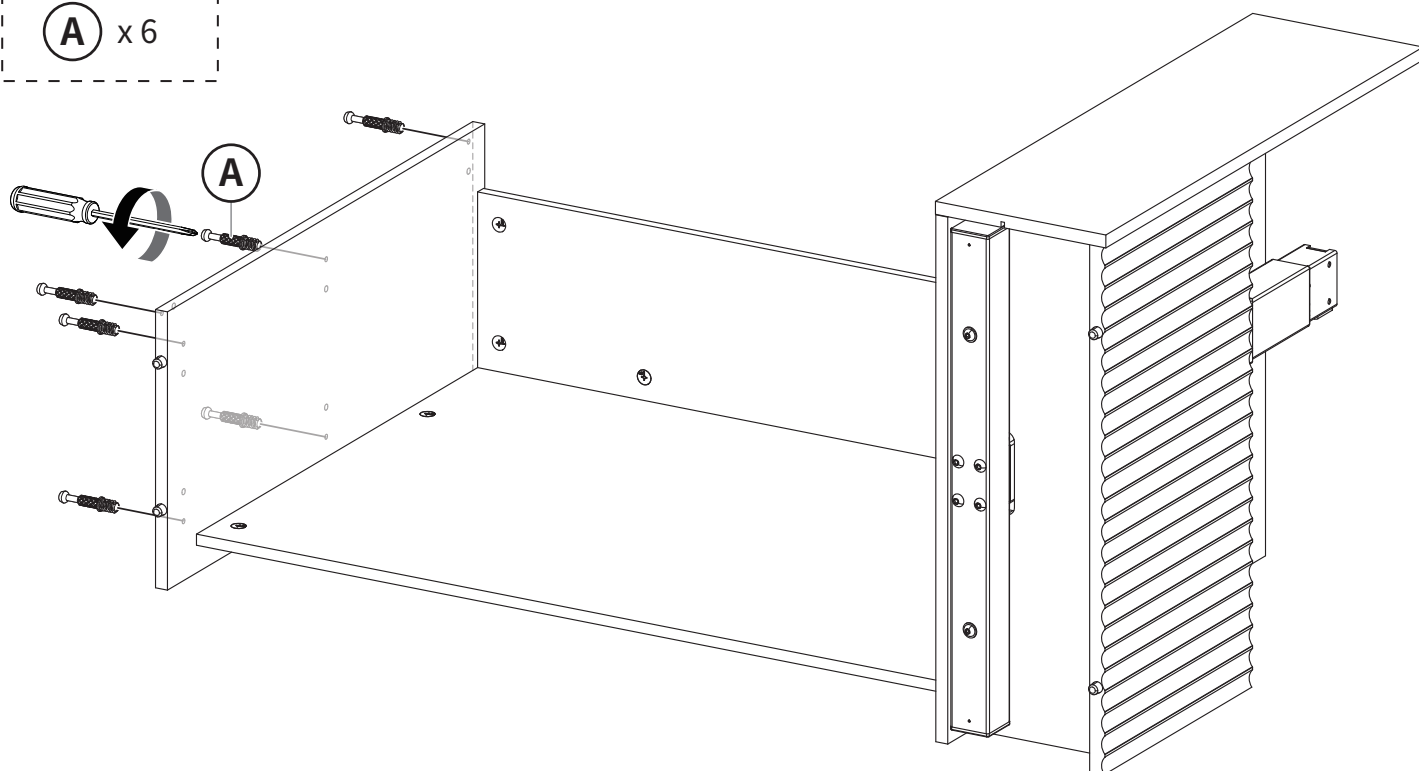
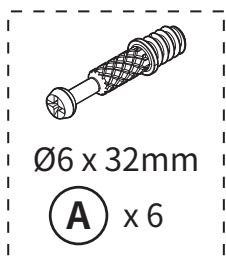




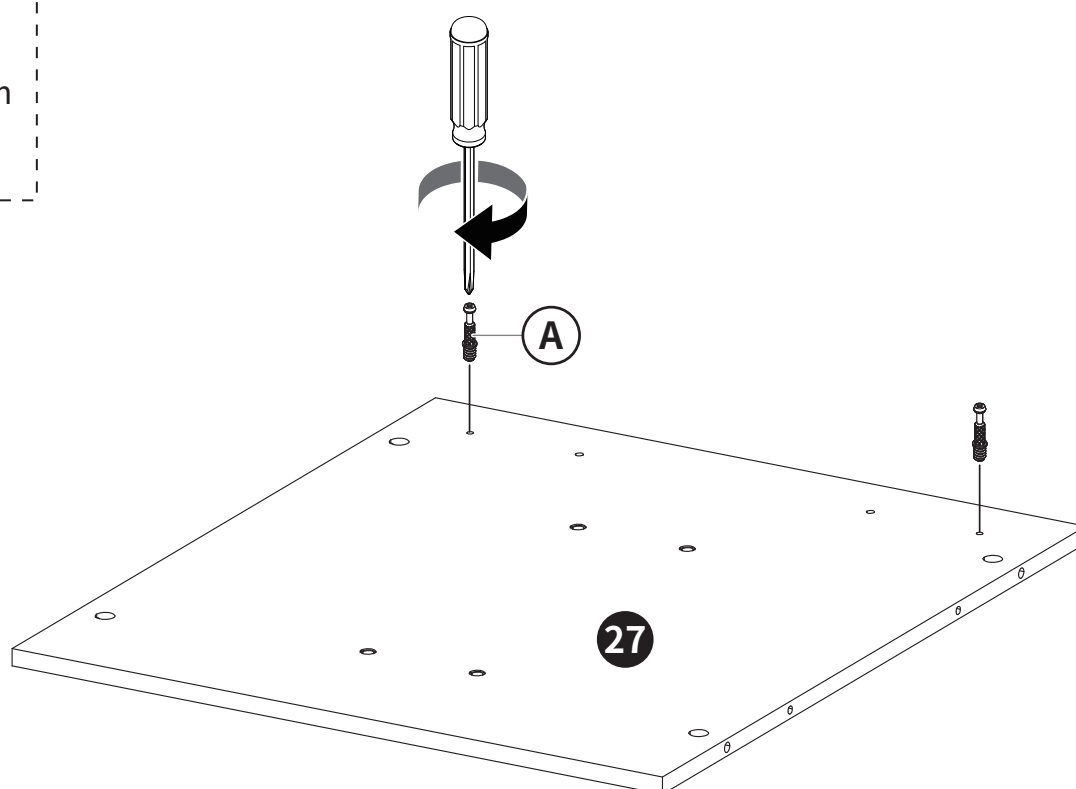
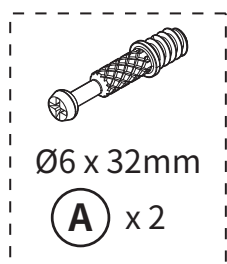
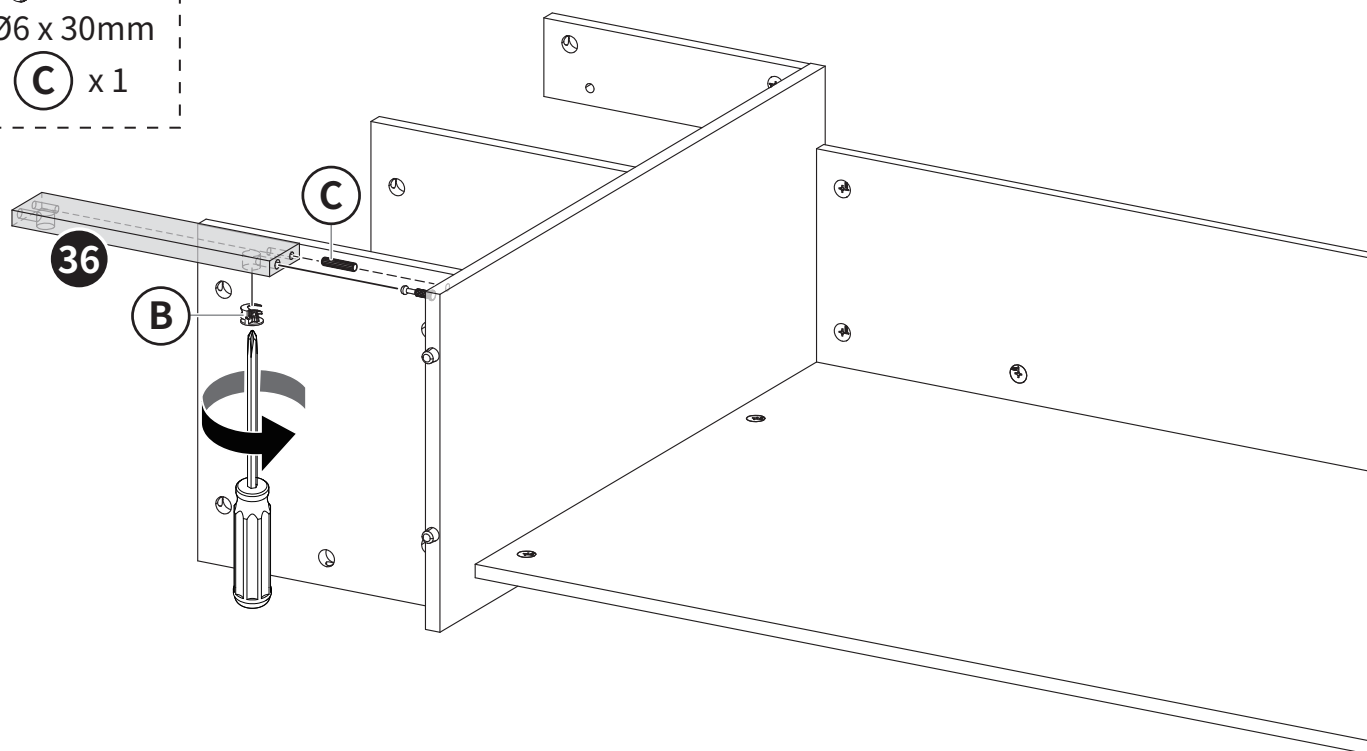
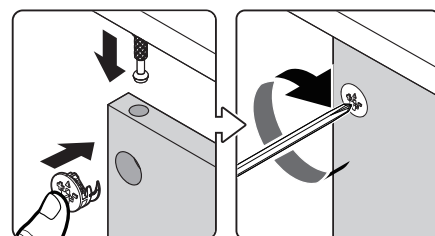
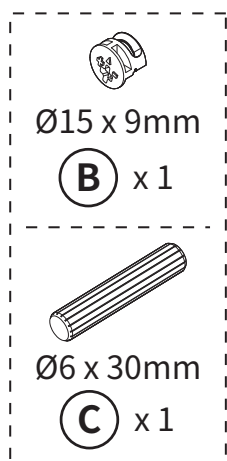


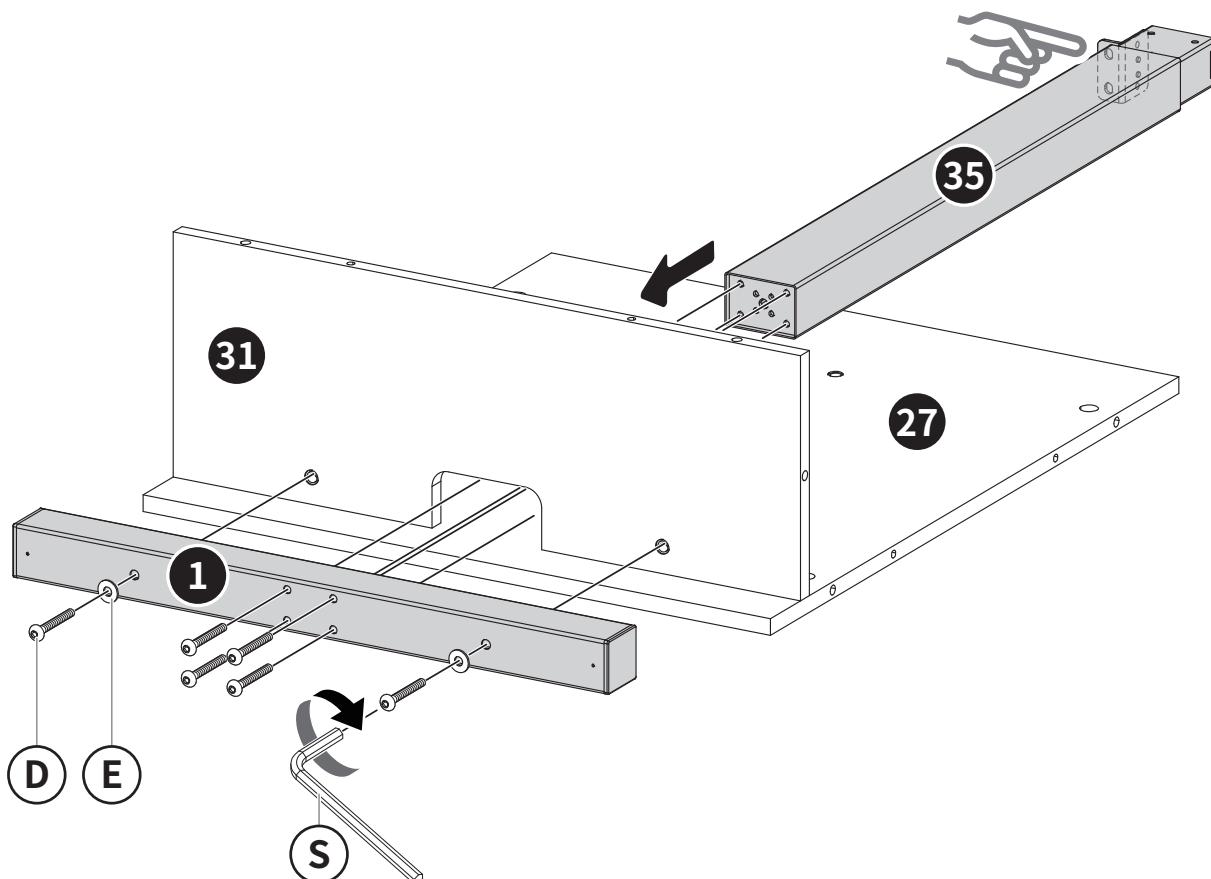
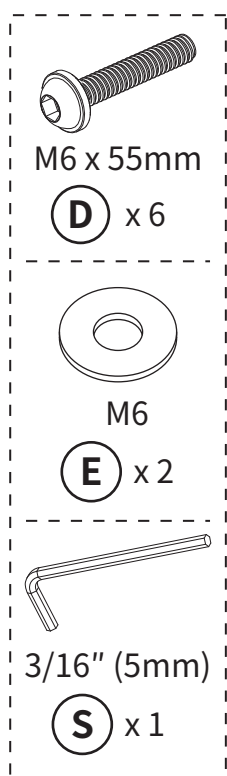
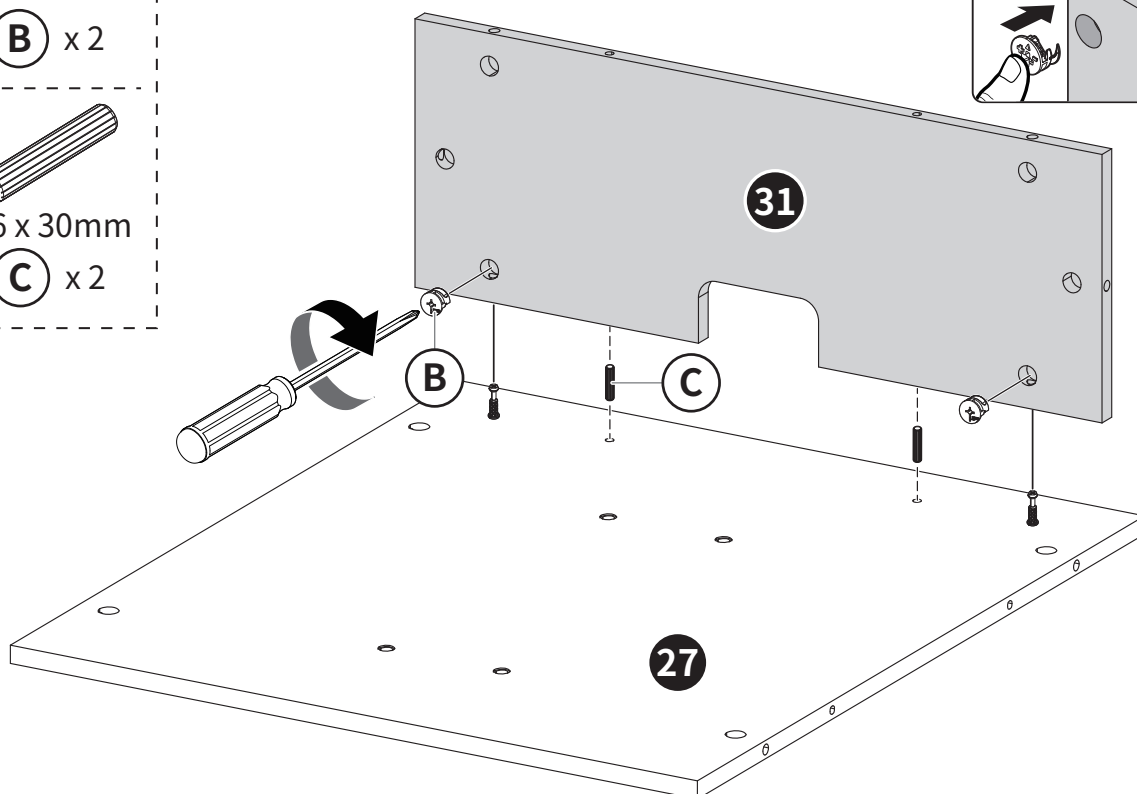
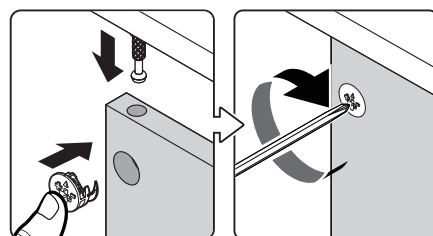
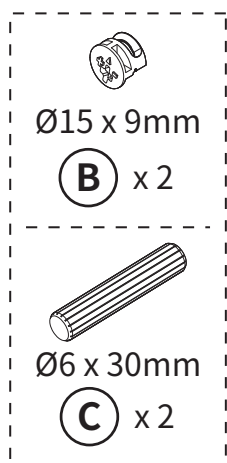


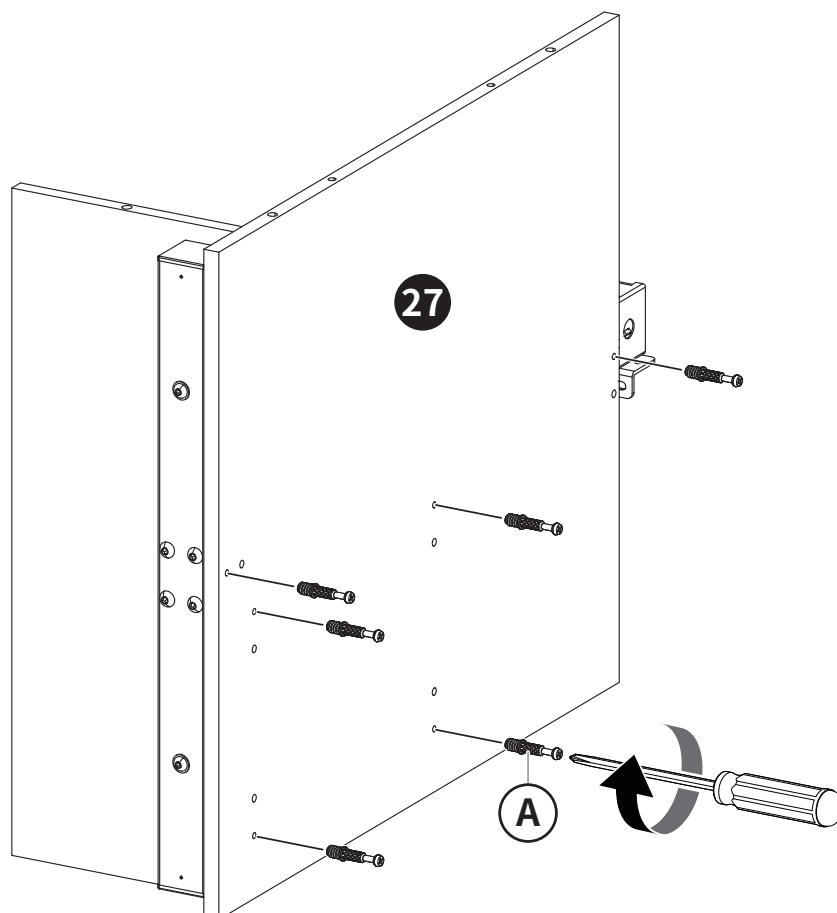
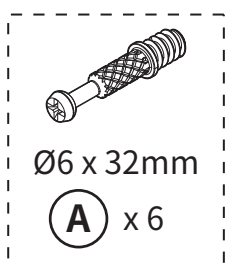
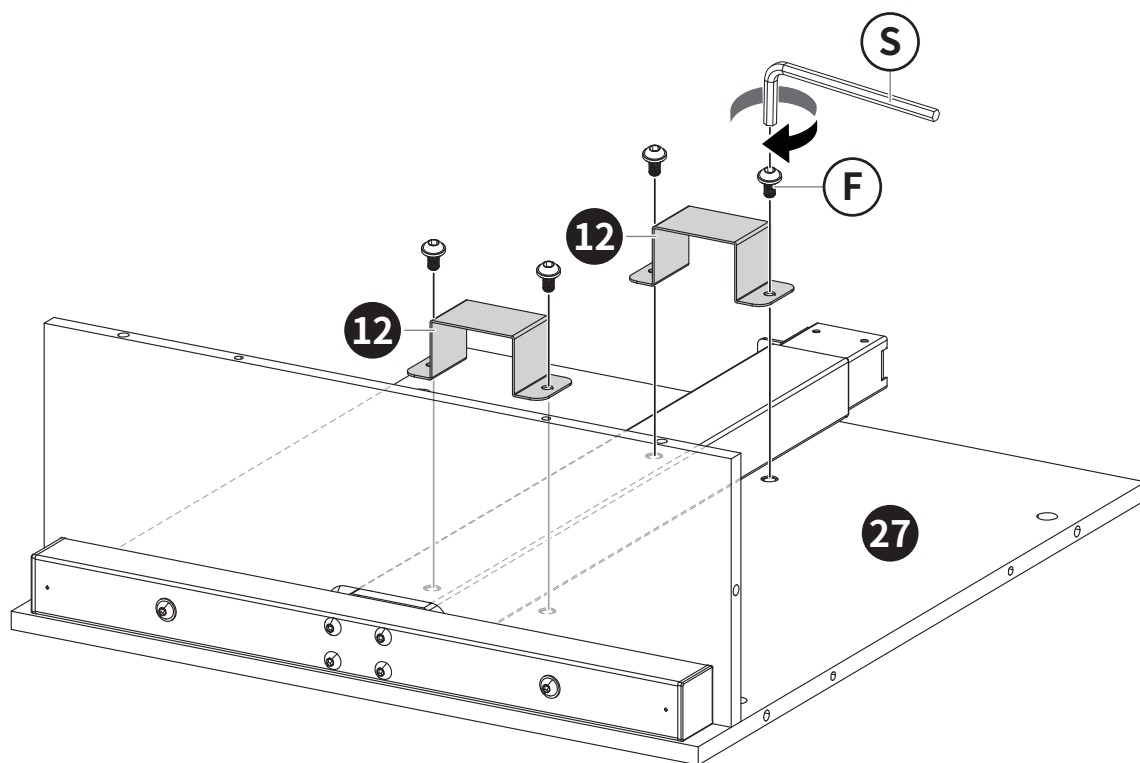
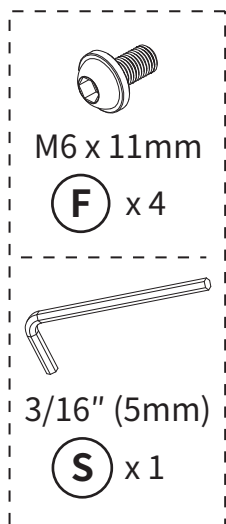


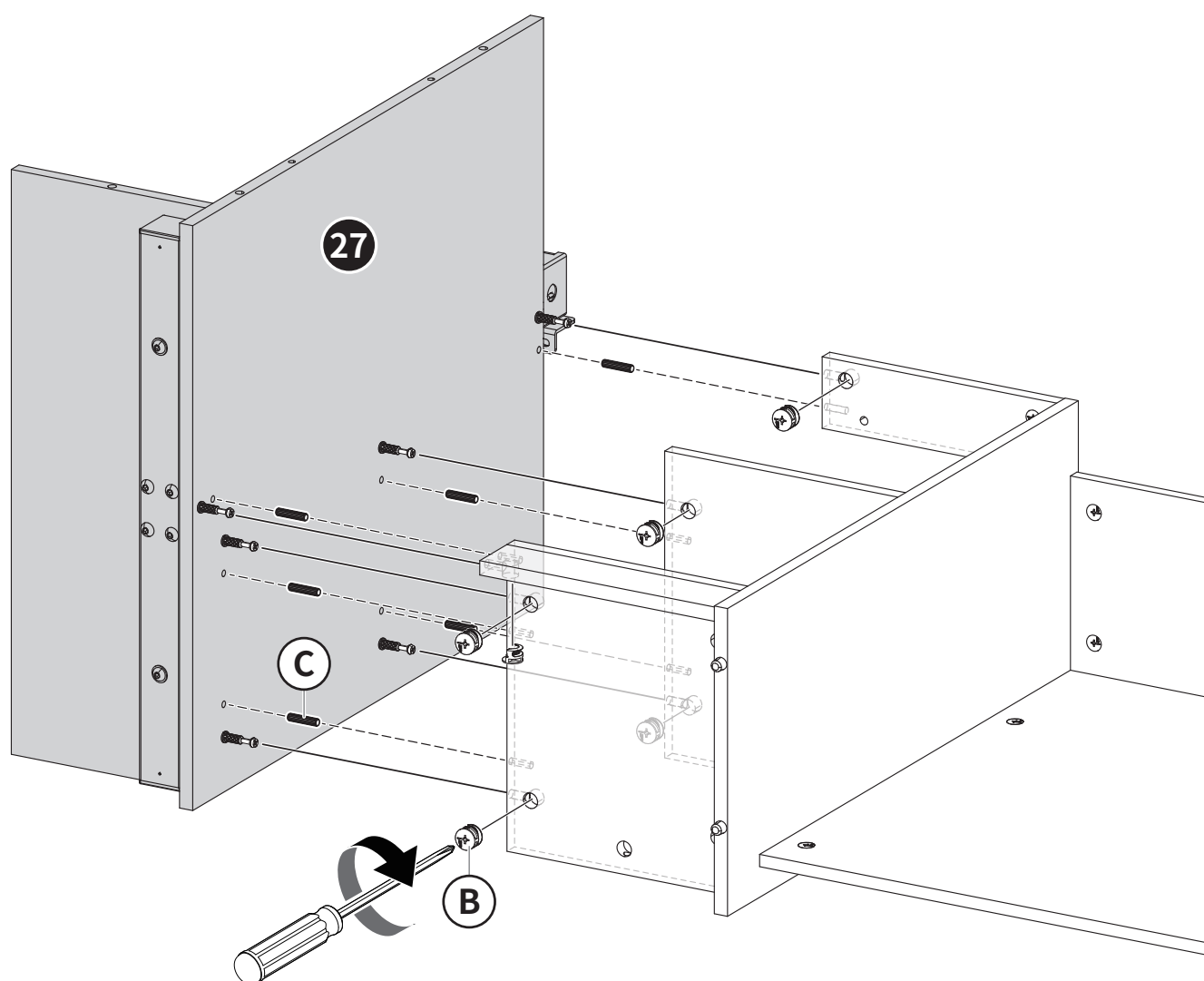
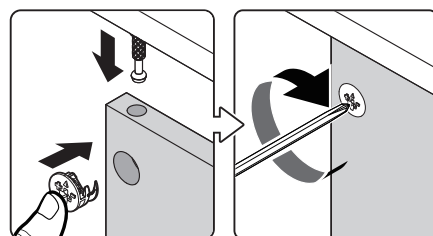
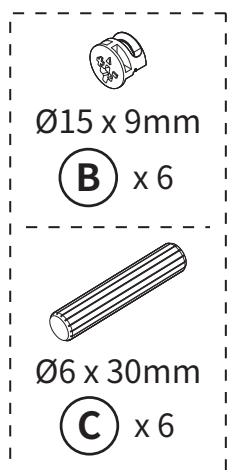


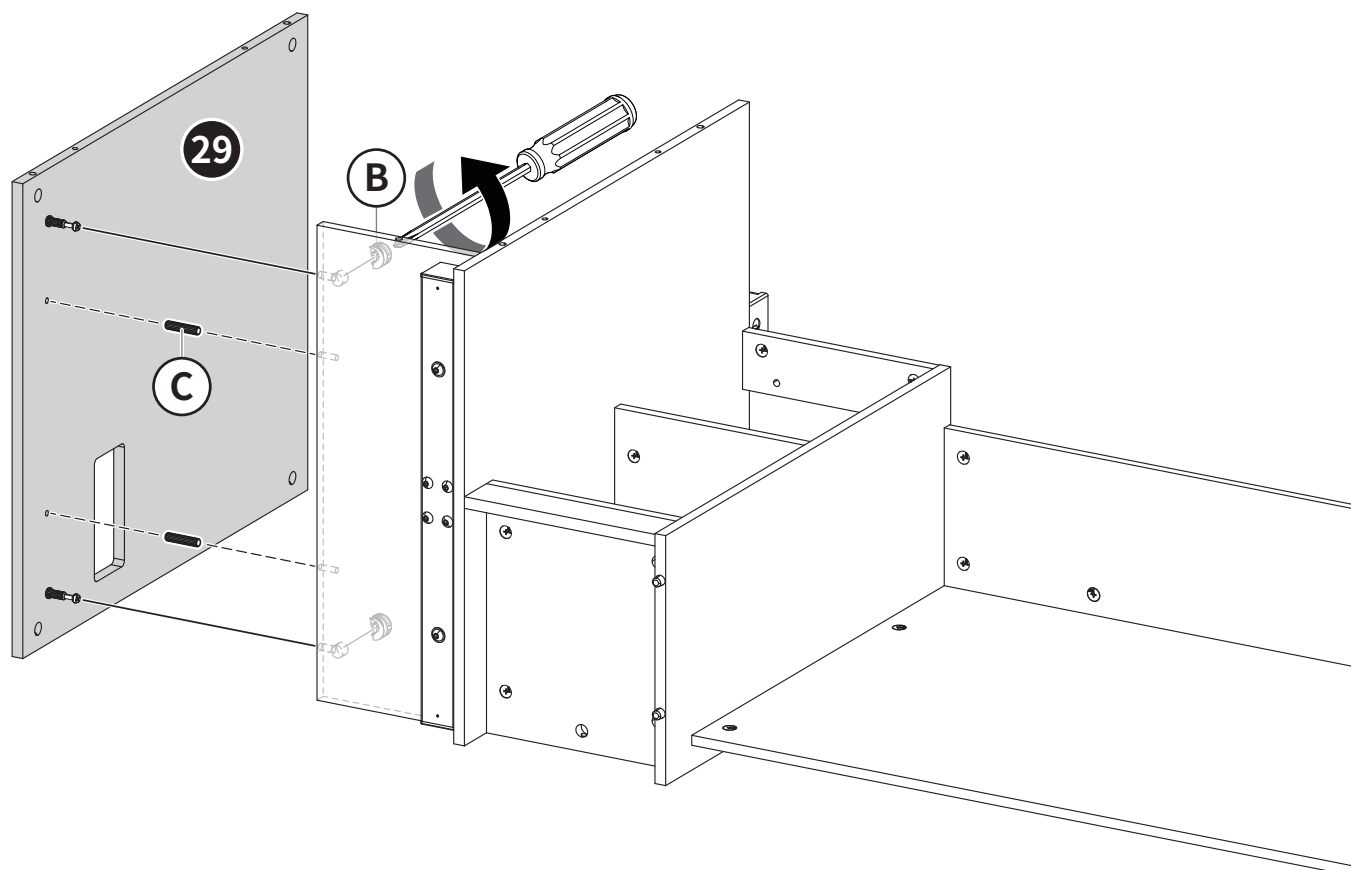
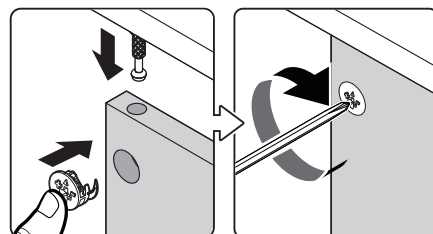
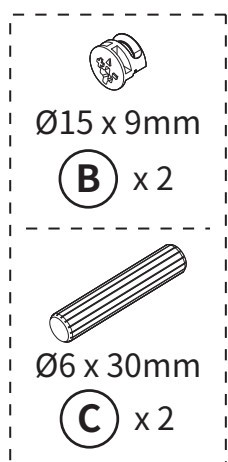
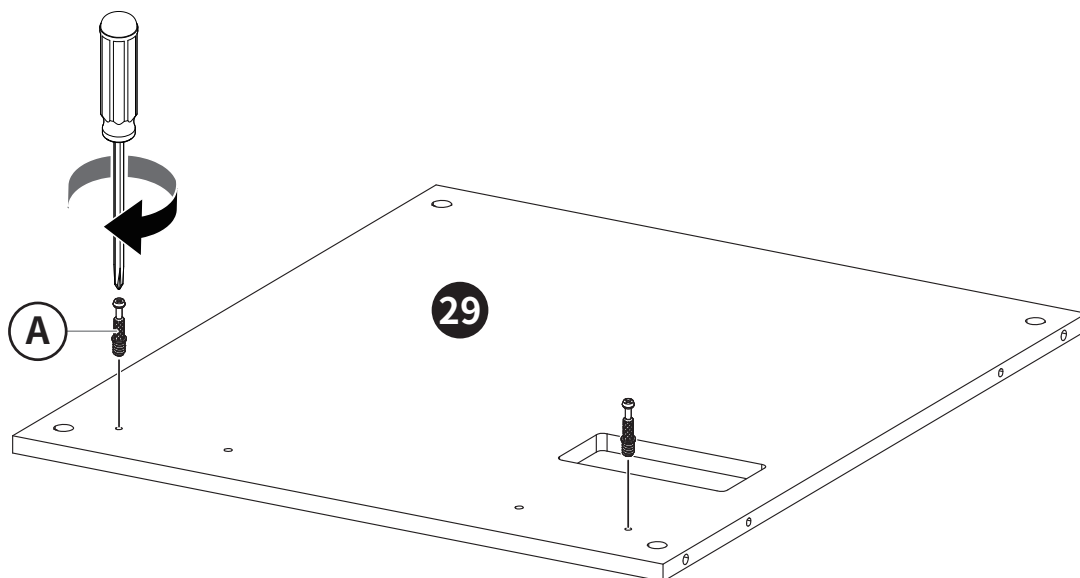
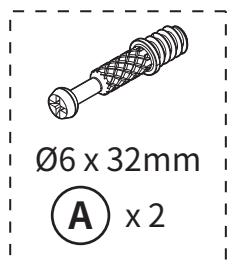


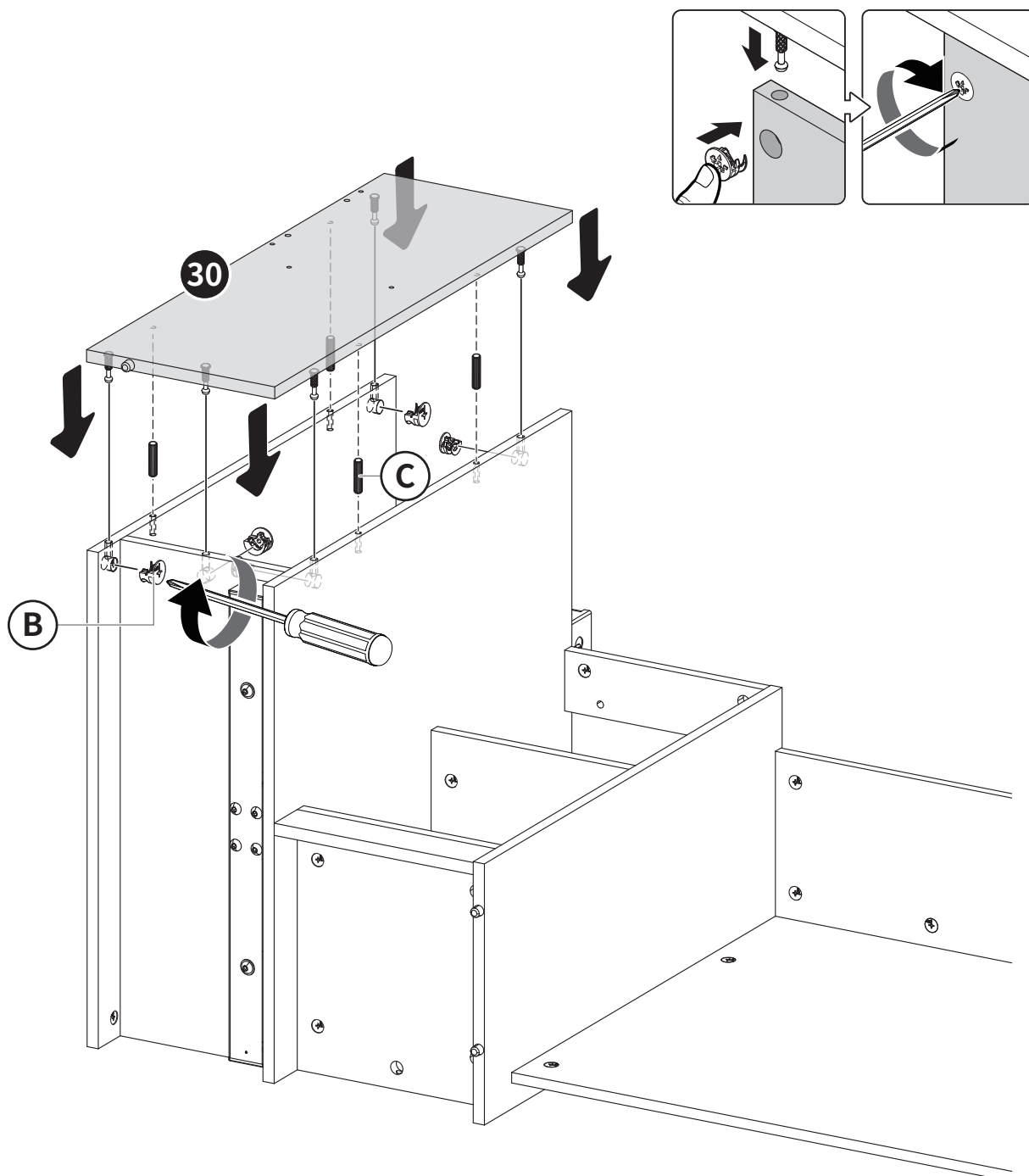
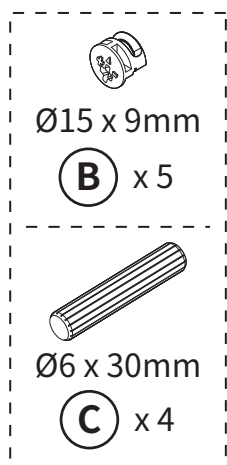
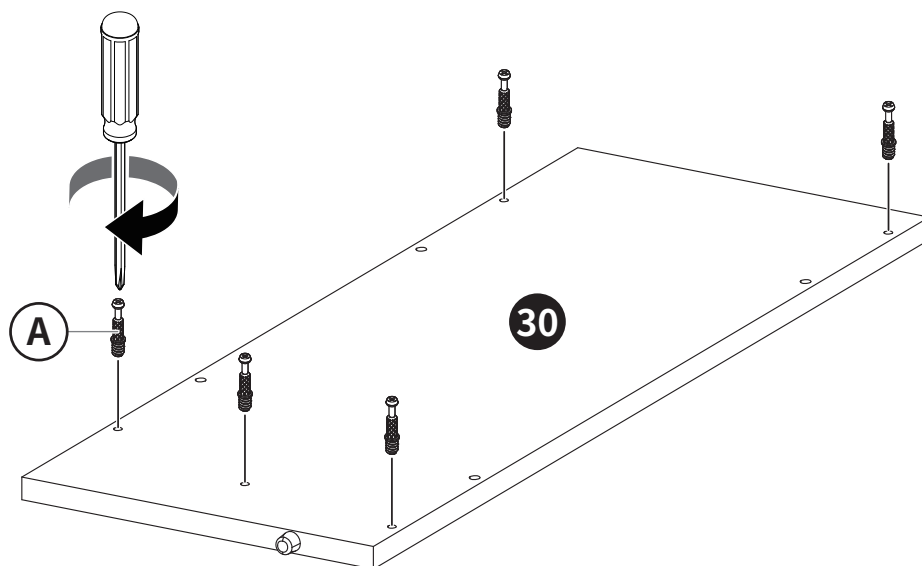
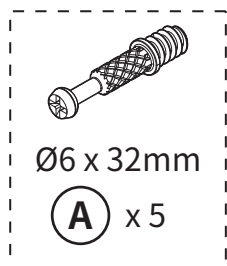


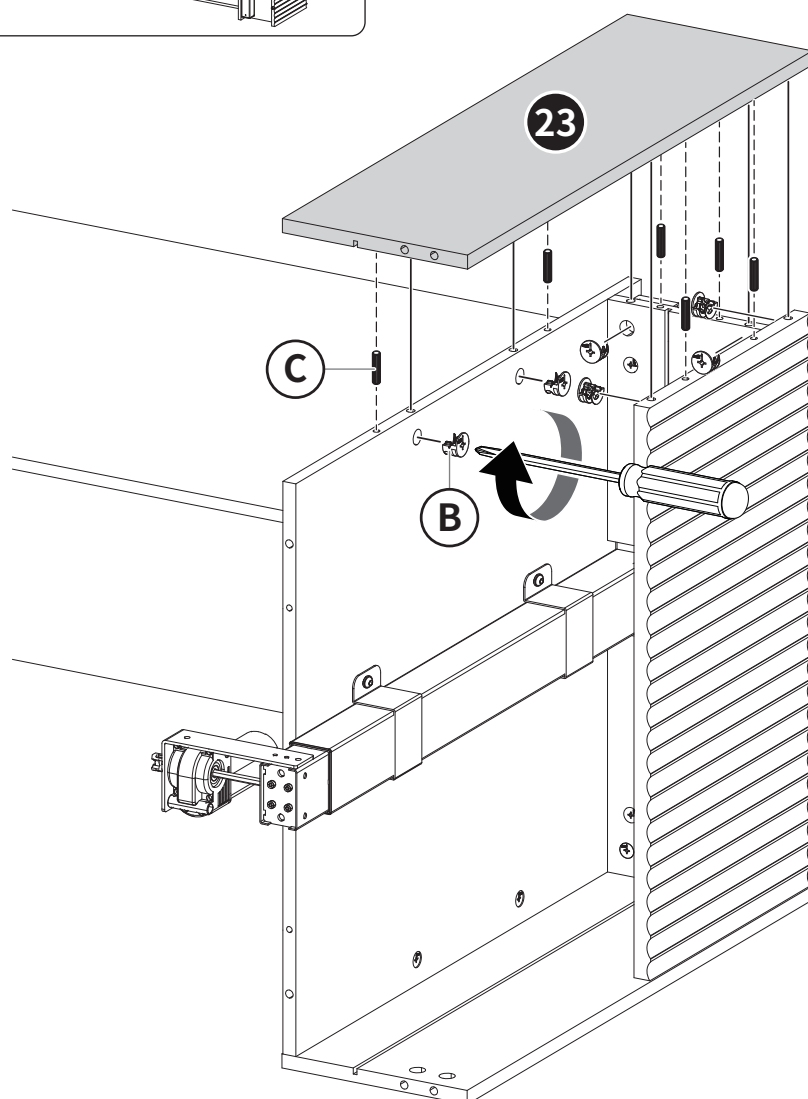
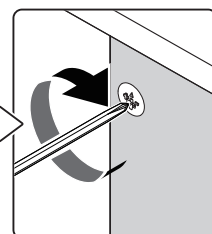
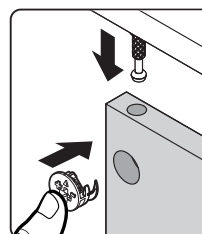
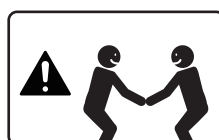
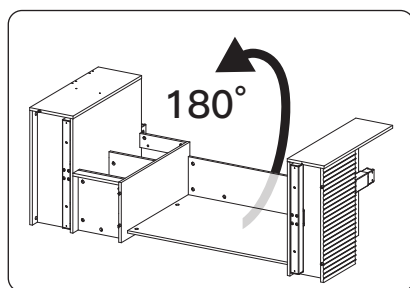
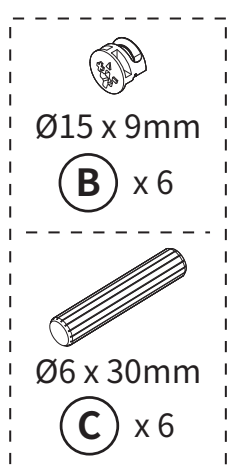
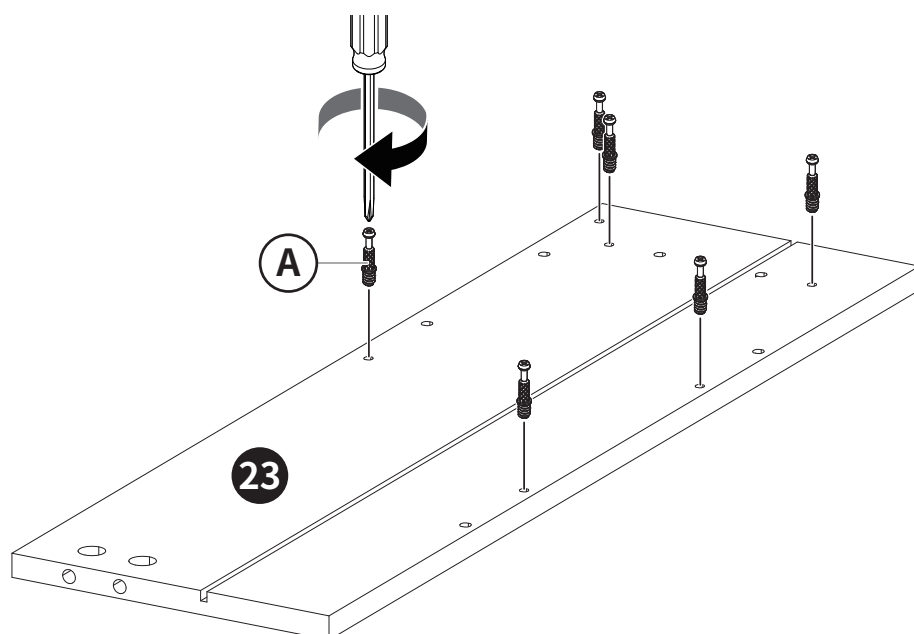
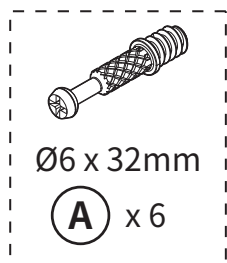


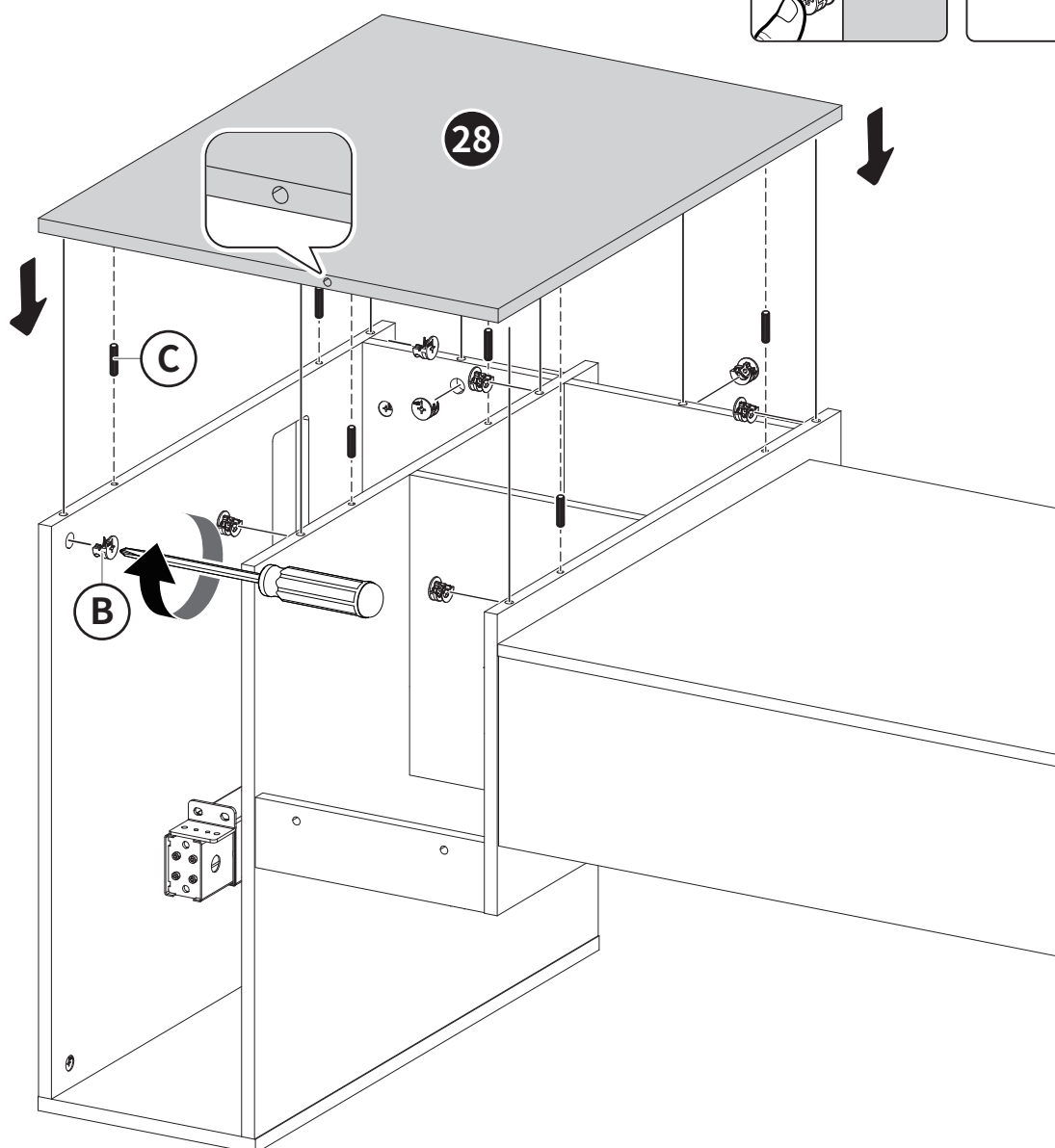
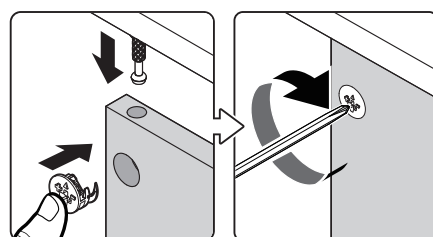
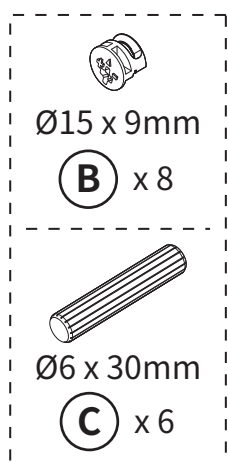
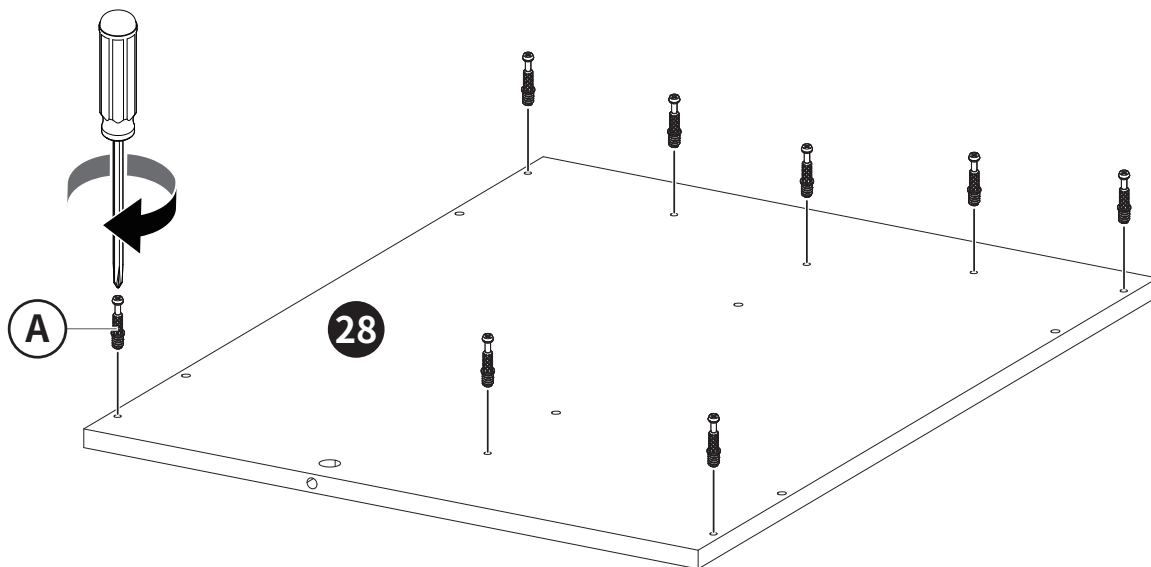
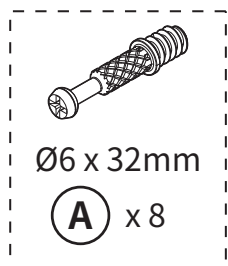




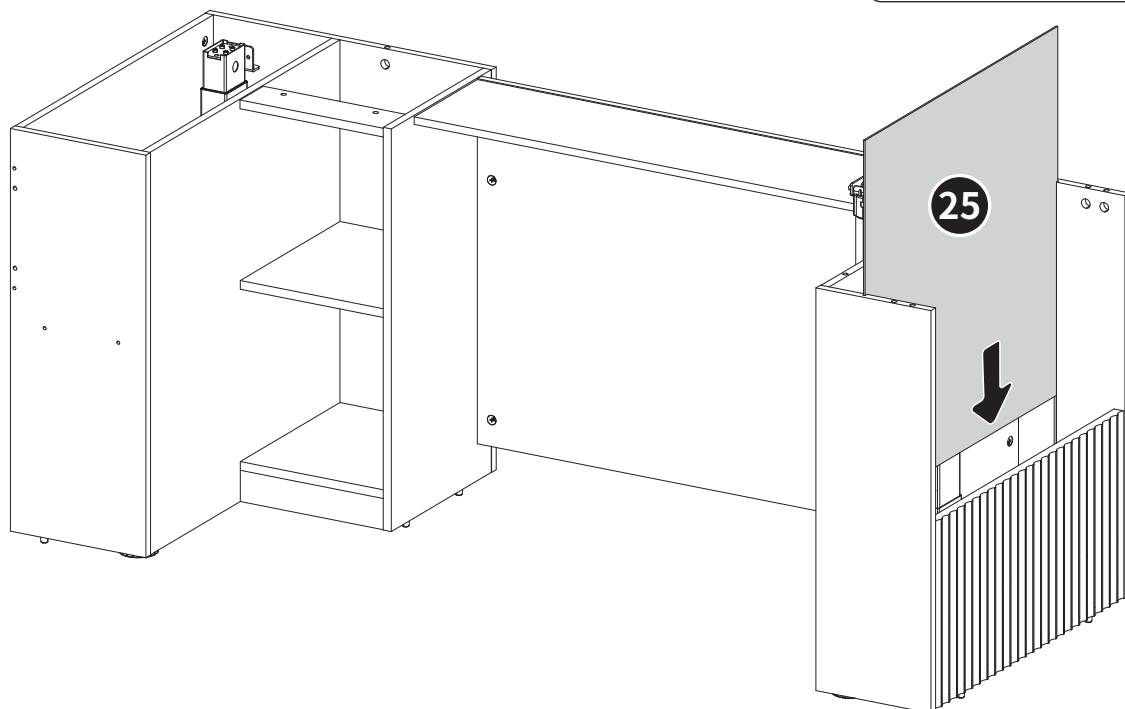
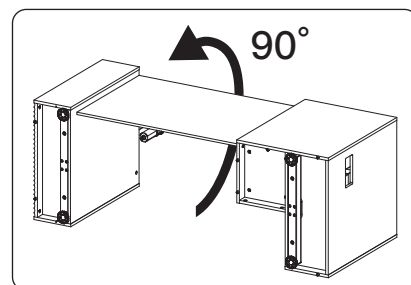
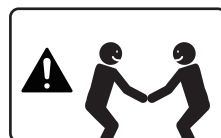
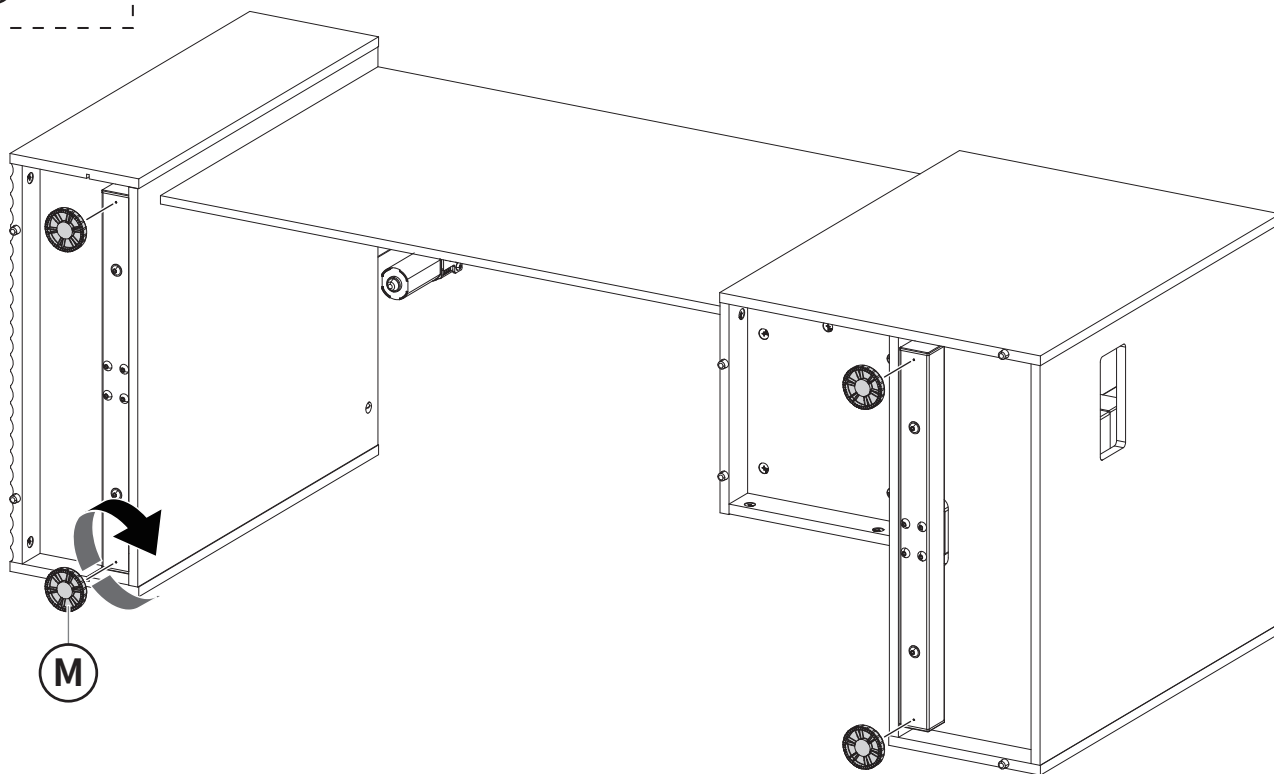
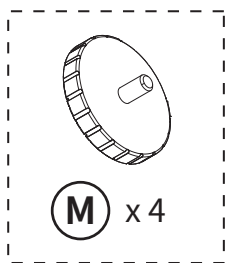


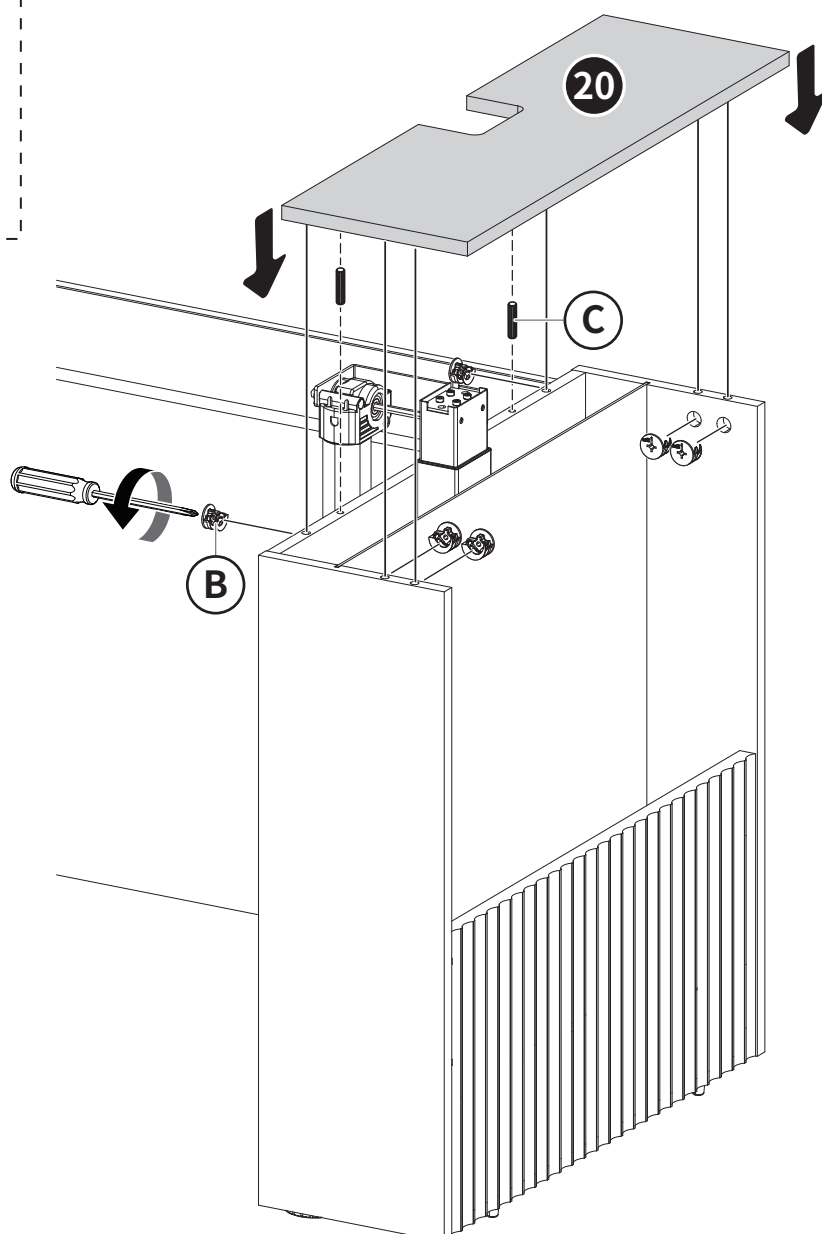
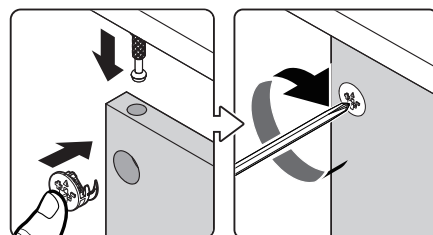
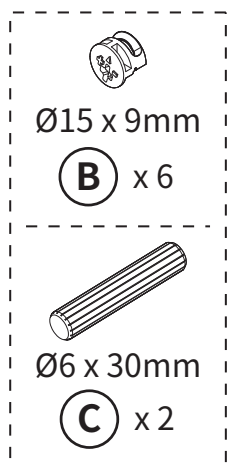
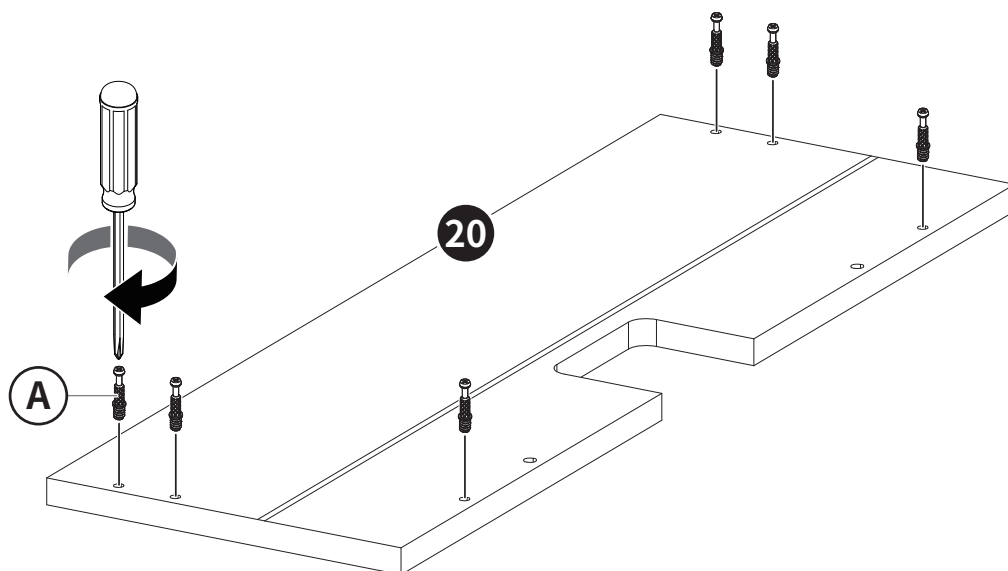
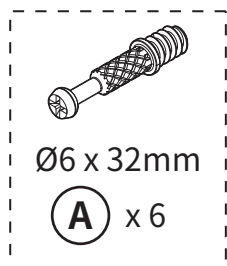




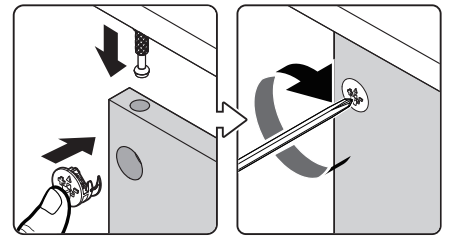








# 2



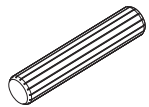
Ø6 x 32mm

(A) x 2



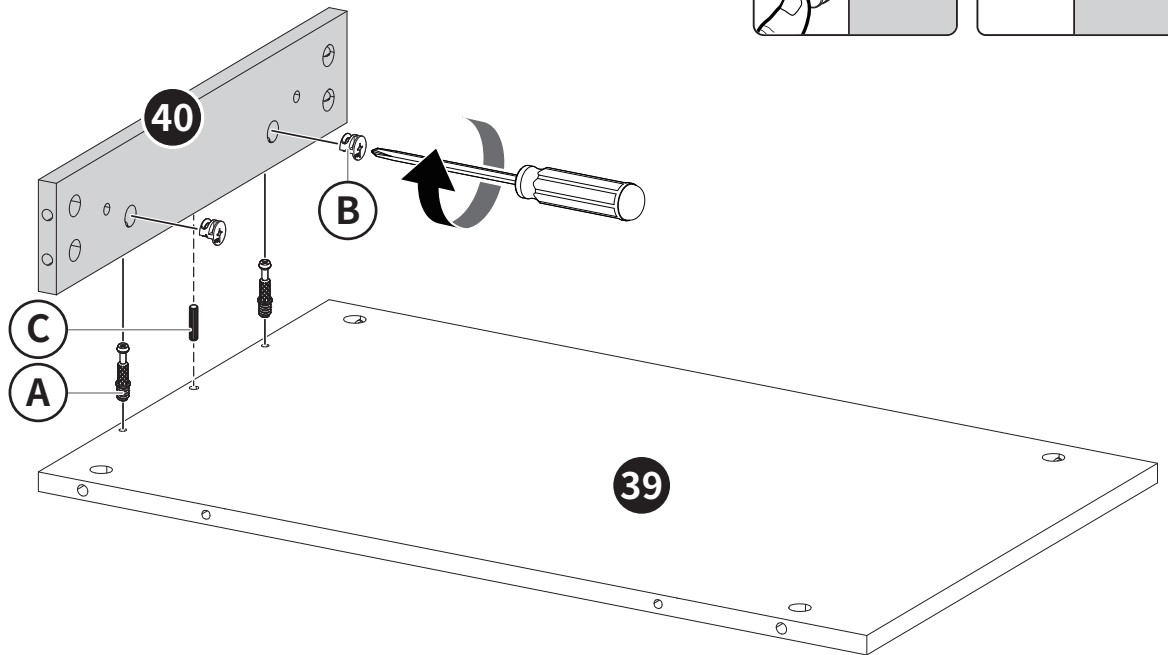
Ø15 x 9mm

(B) x 2



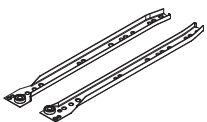
Ø6 x 30mm

(C) x 1

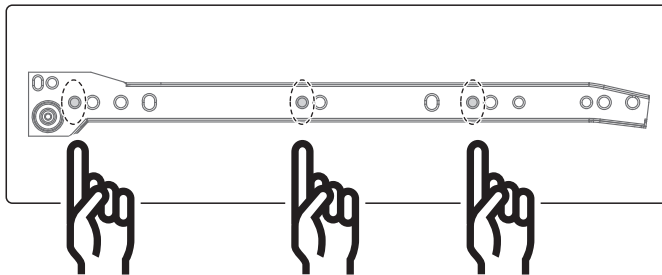


Ø3.5 x 12mm

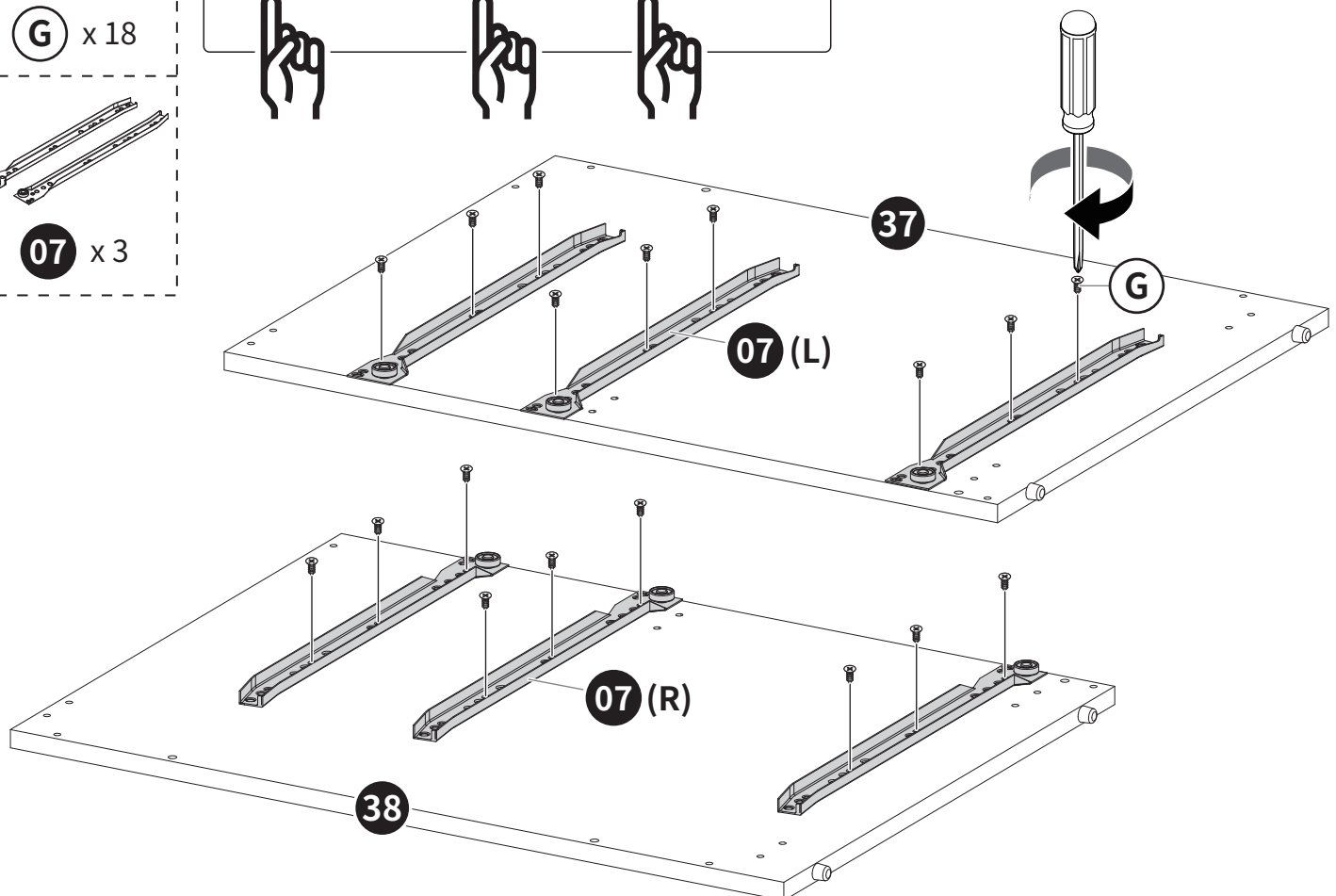
(G) x 18

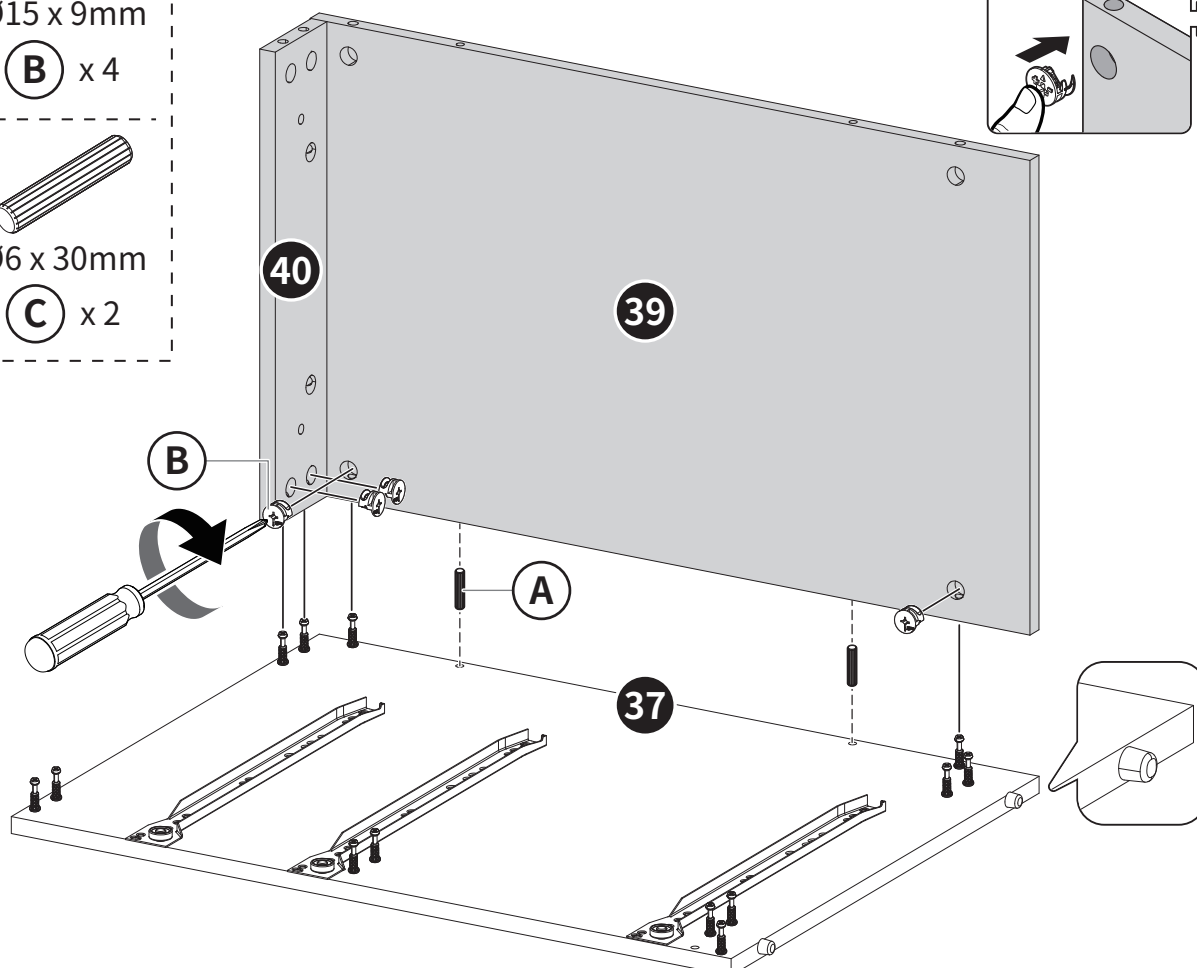
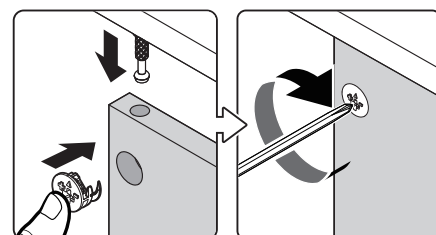
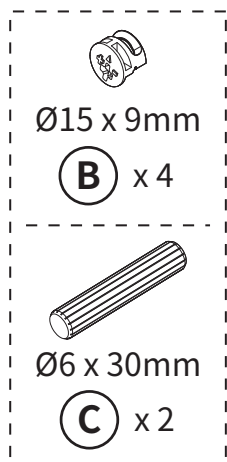
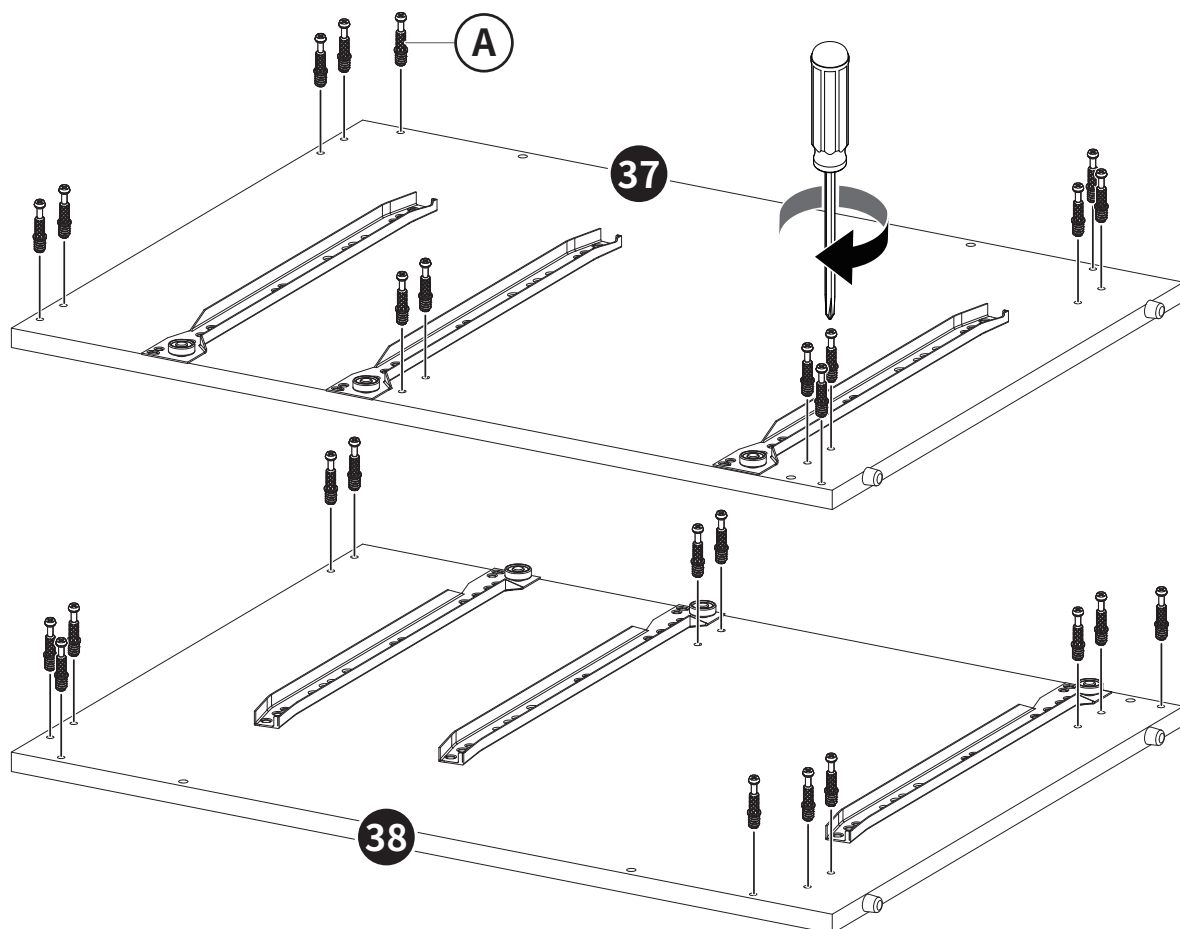
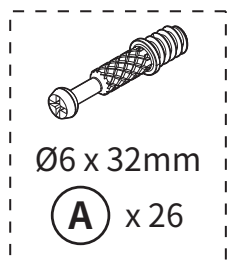


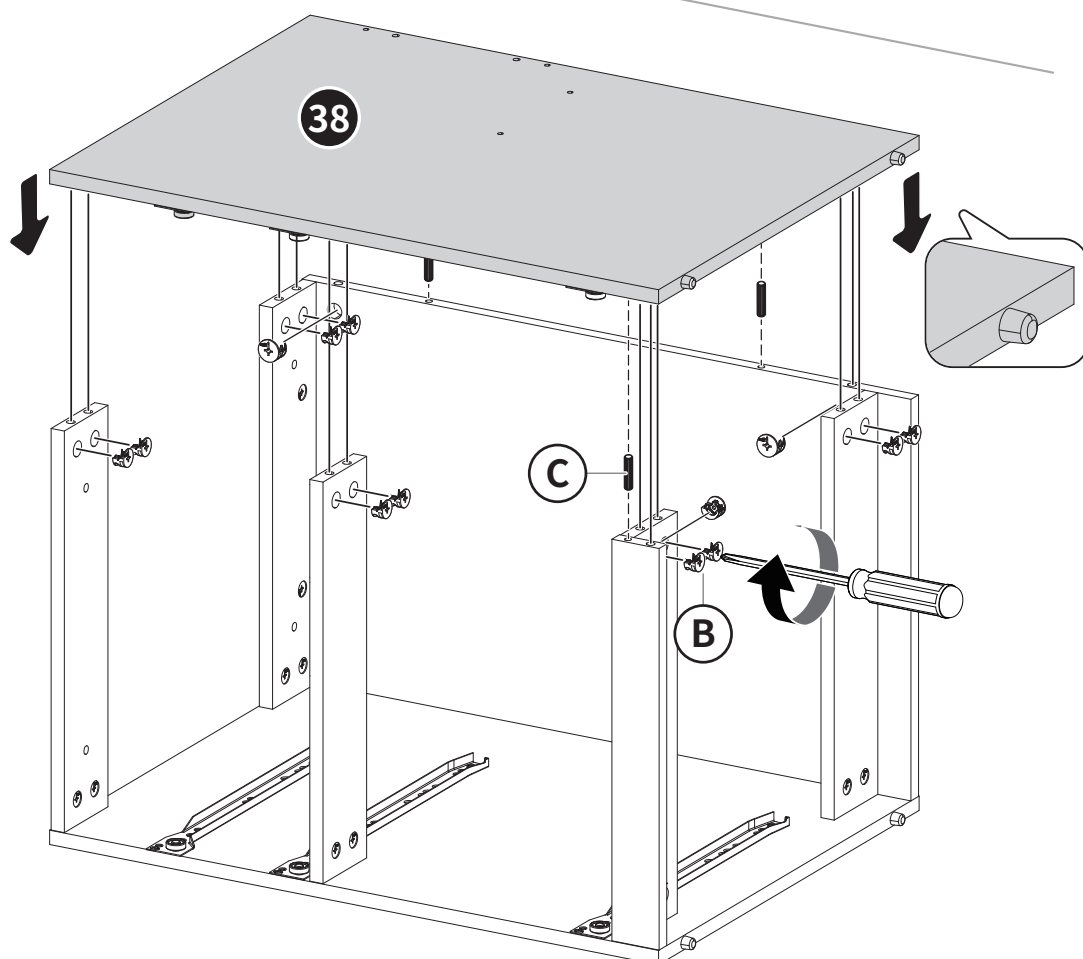
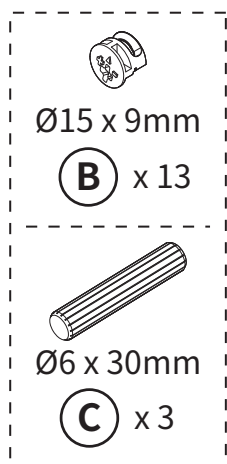
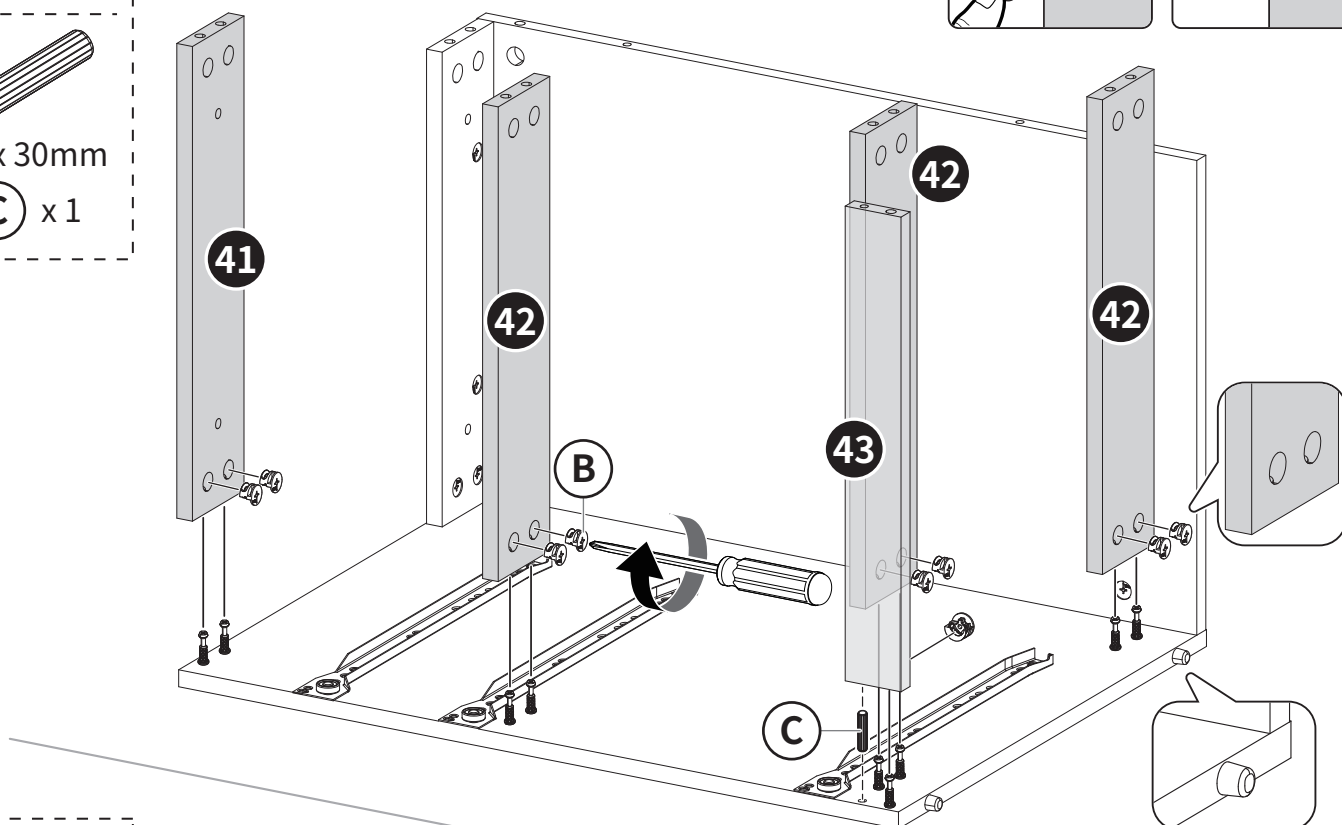
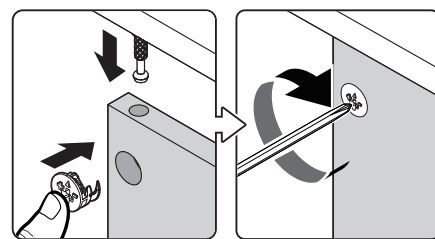
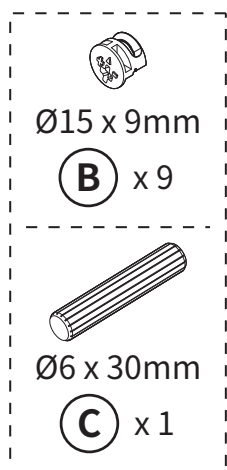
(07) x 3

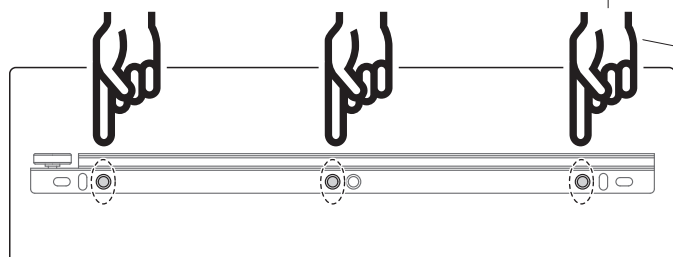
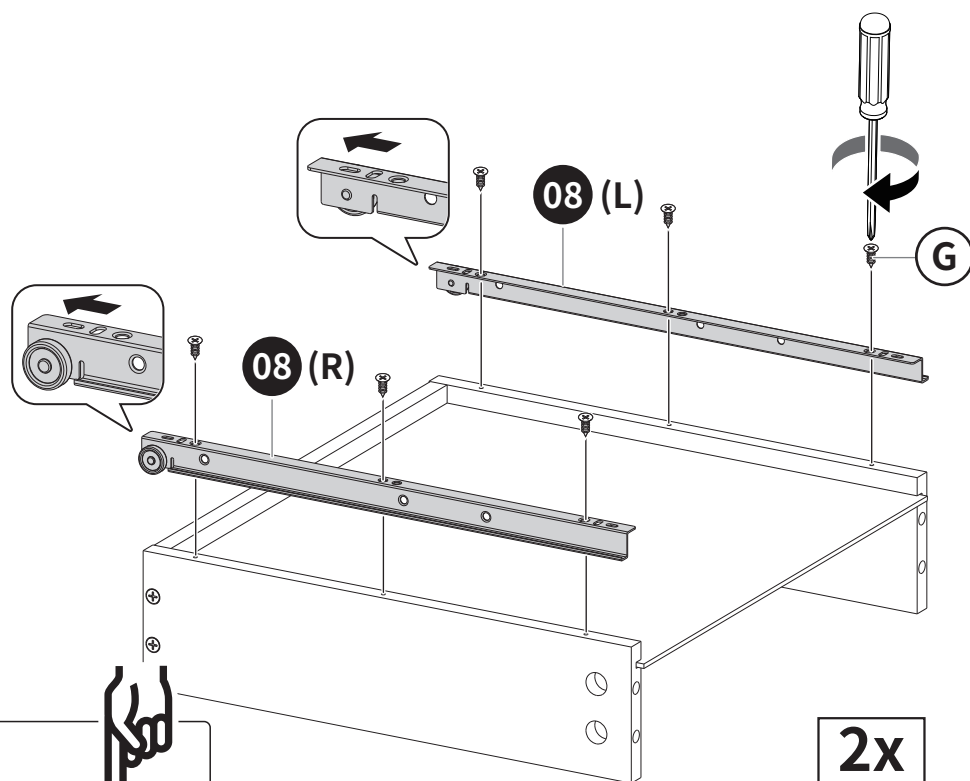
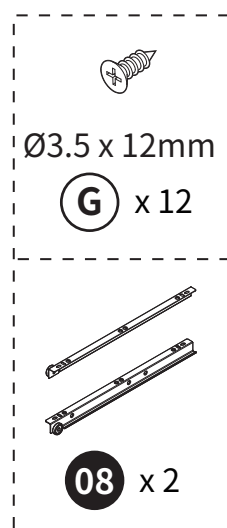
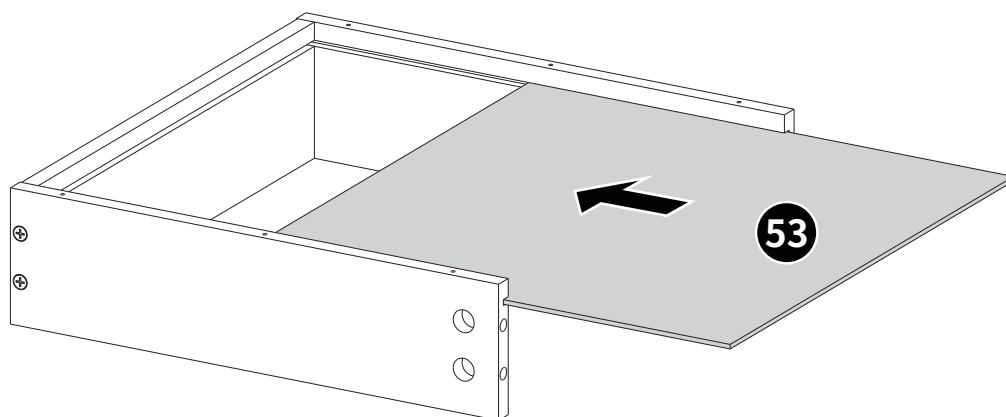
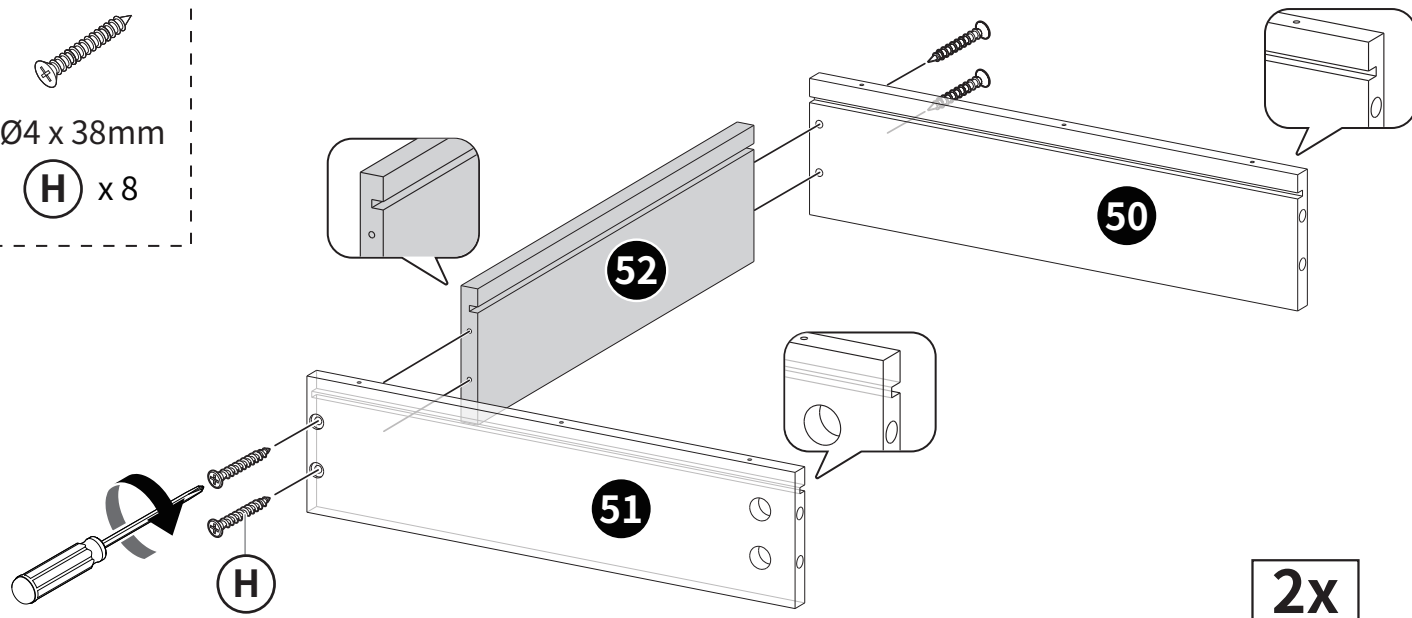
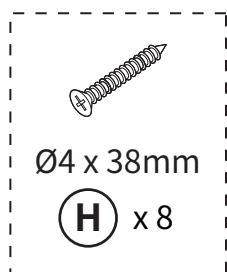


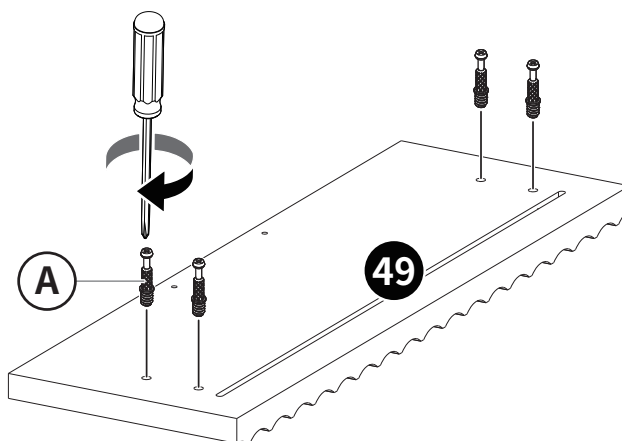
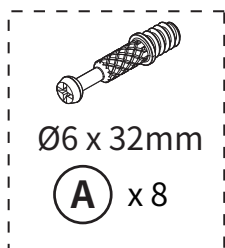
**Note:** Fully tighten screws to avoid loose drawers and ensure smooth movement.



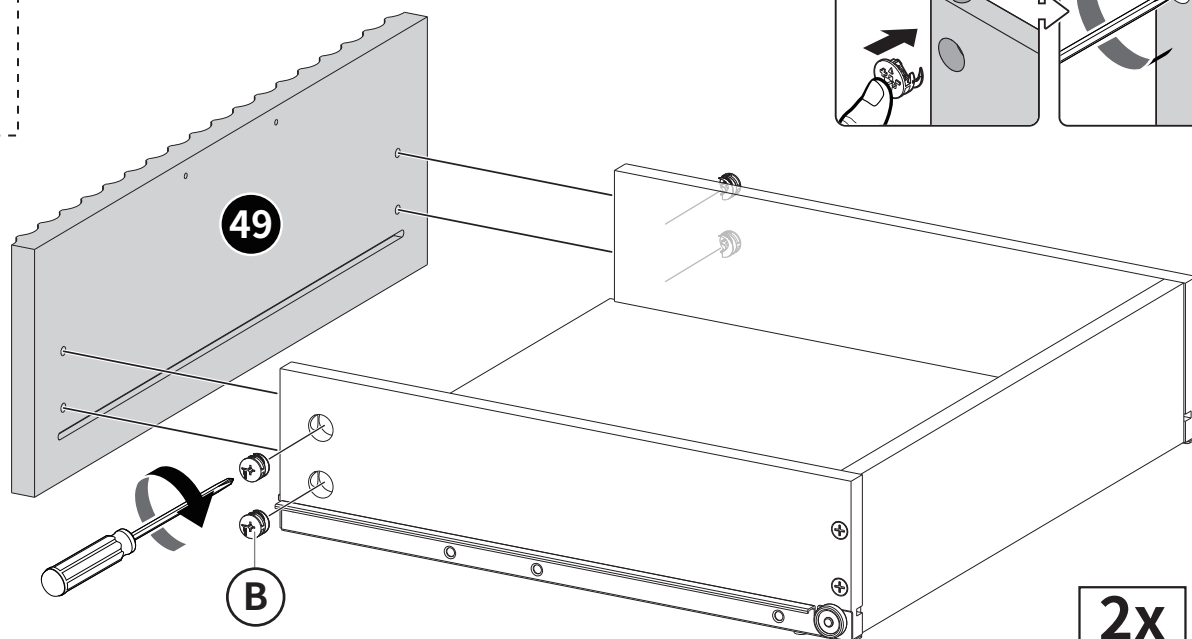
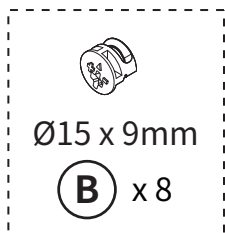




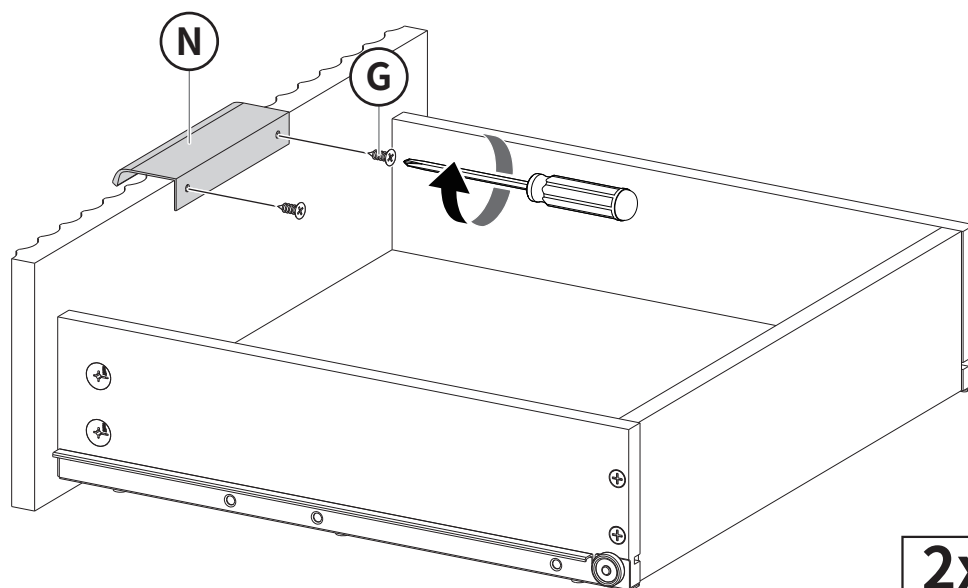
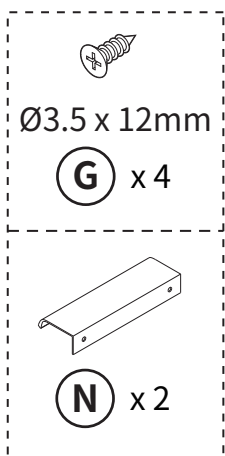




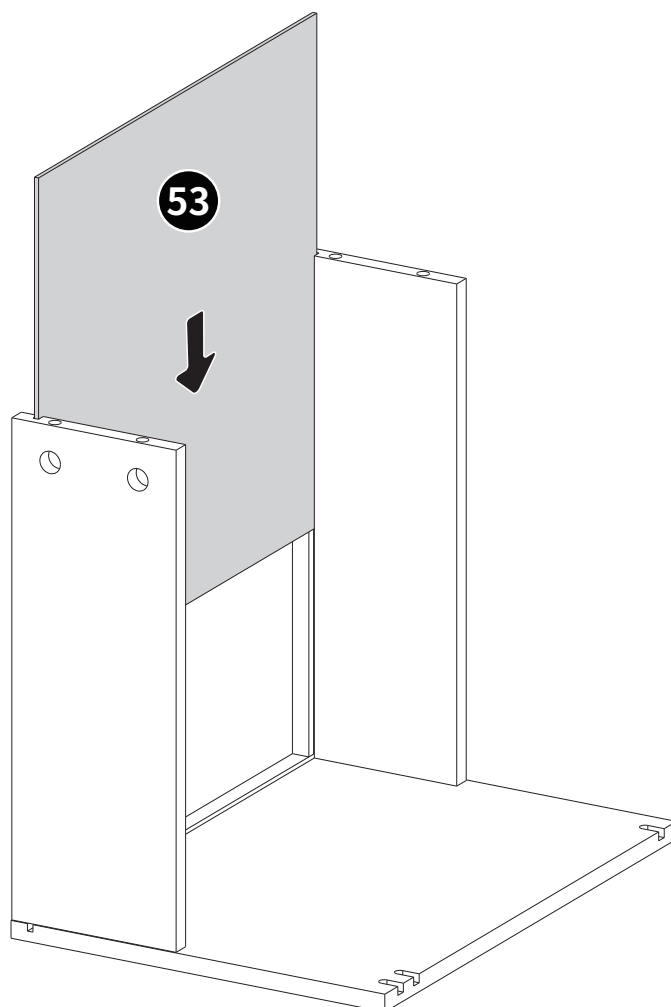
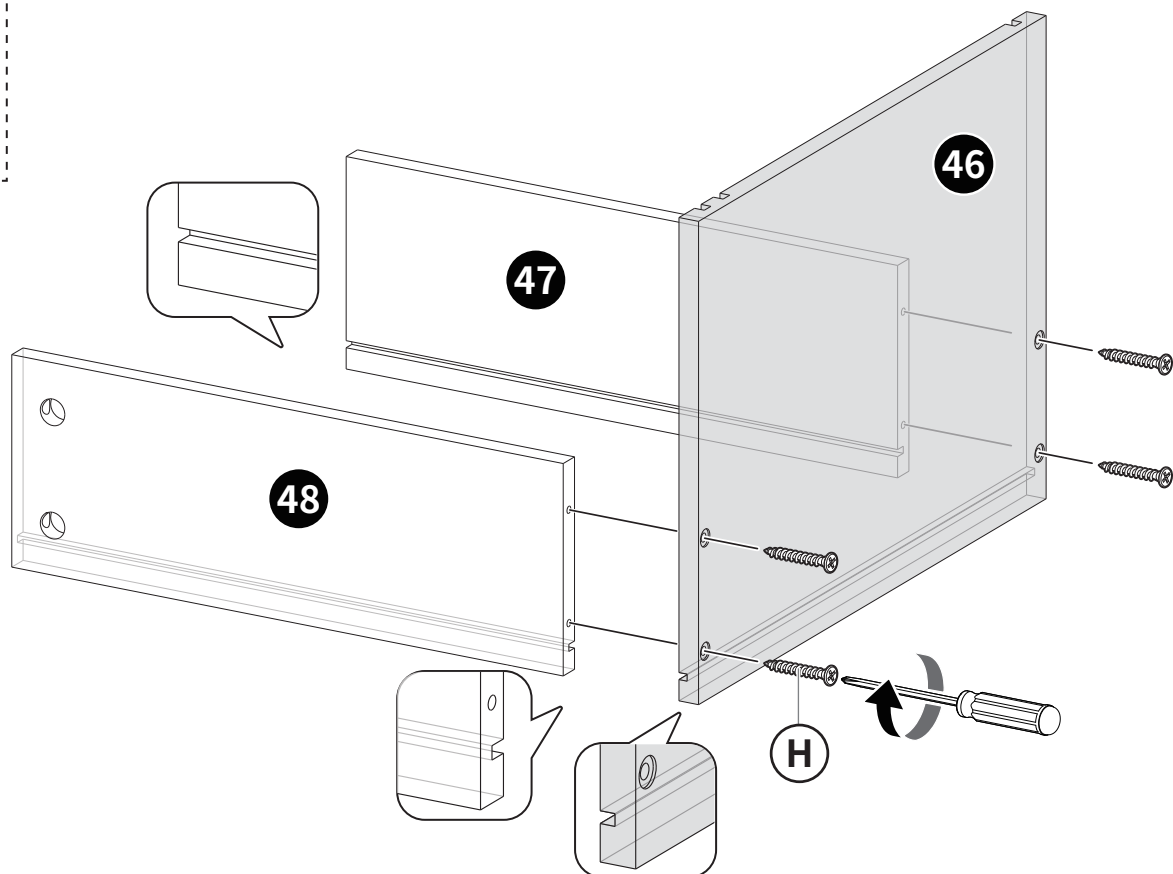
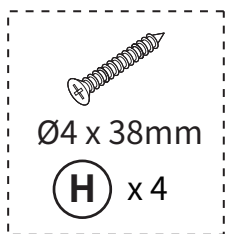
**2x**



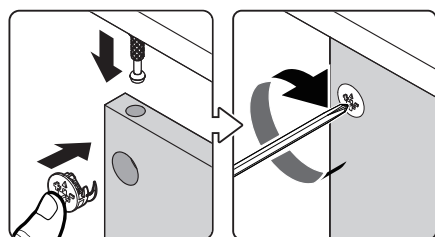
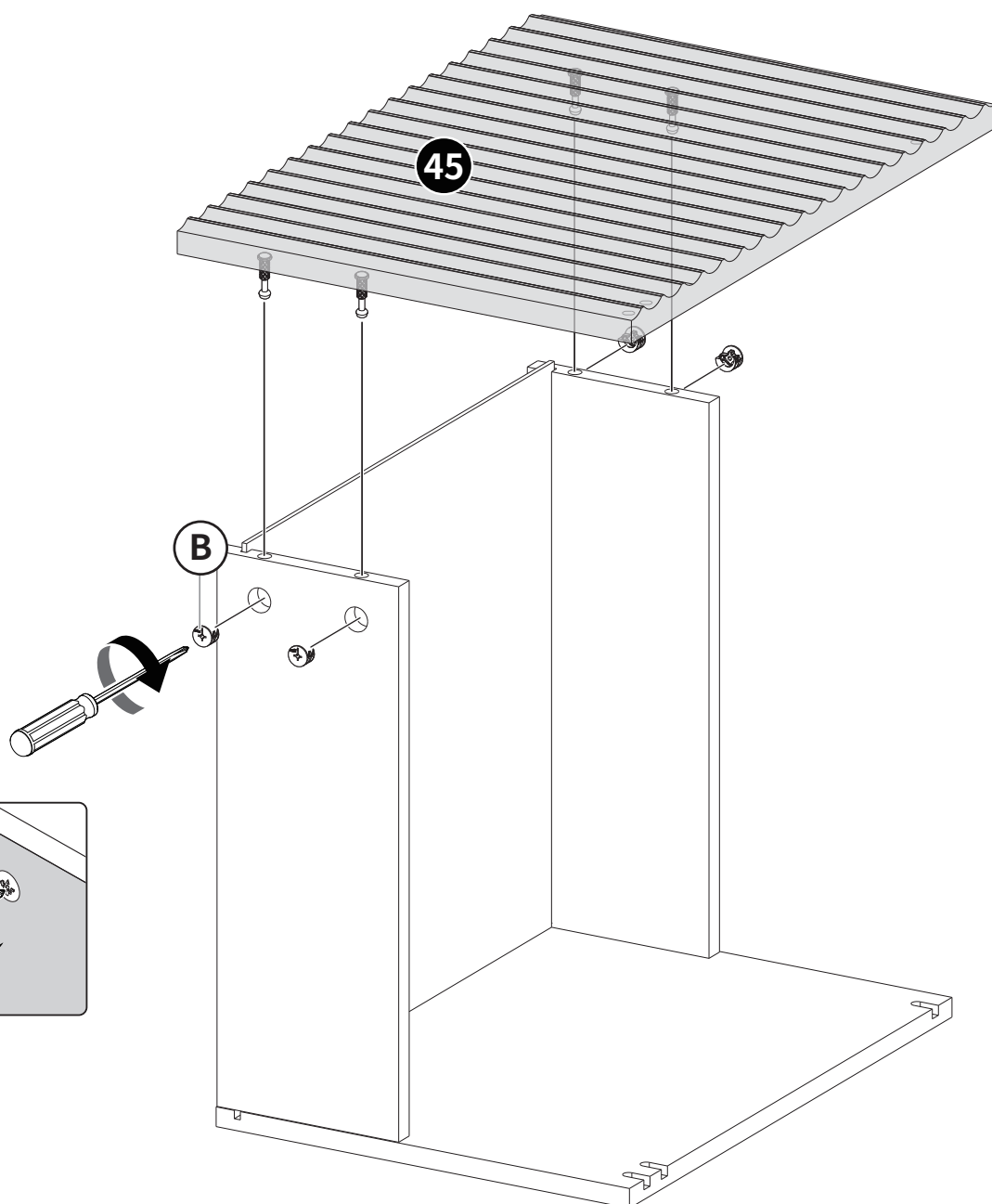
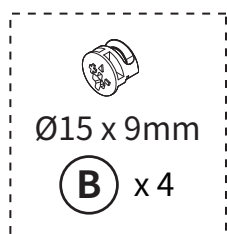
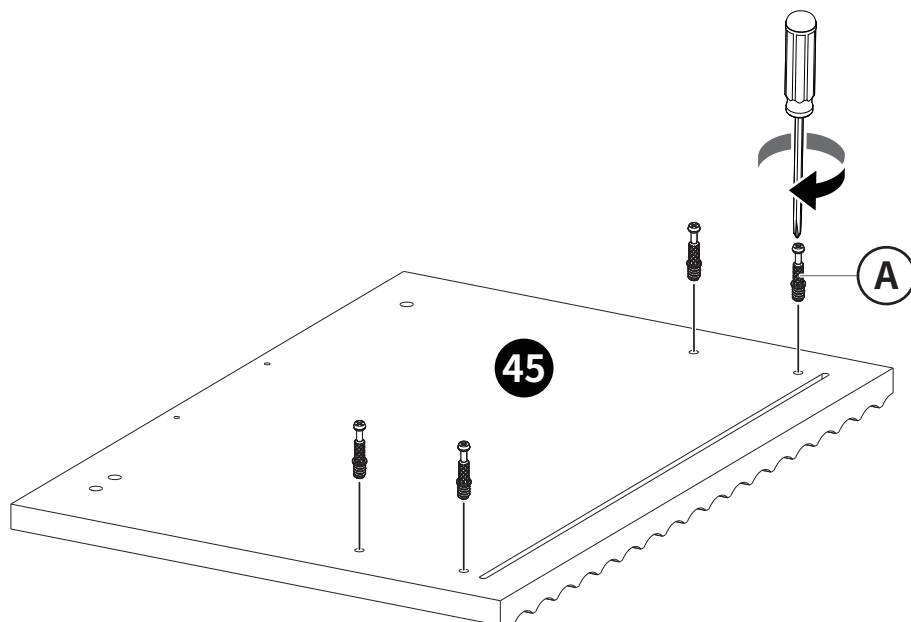
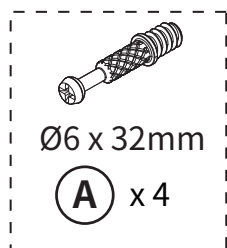
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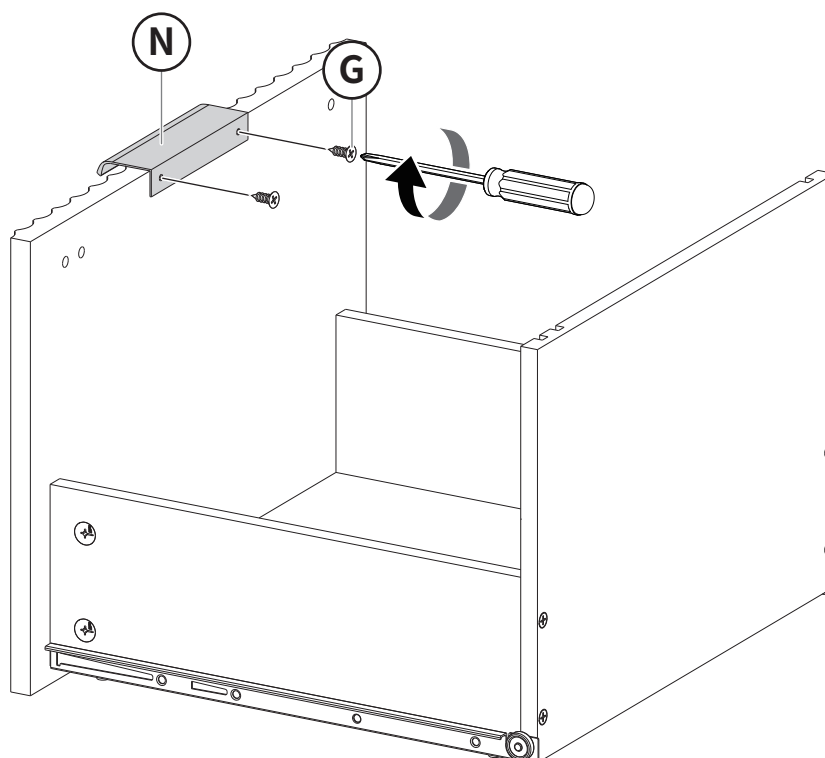
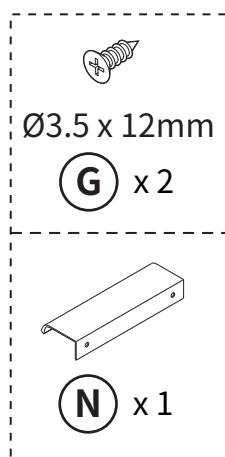
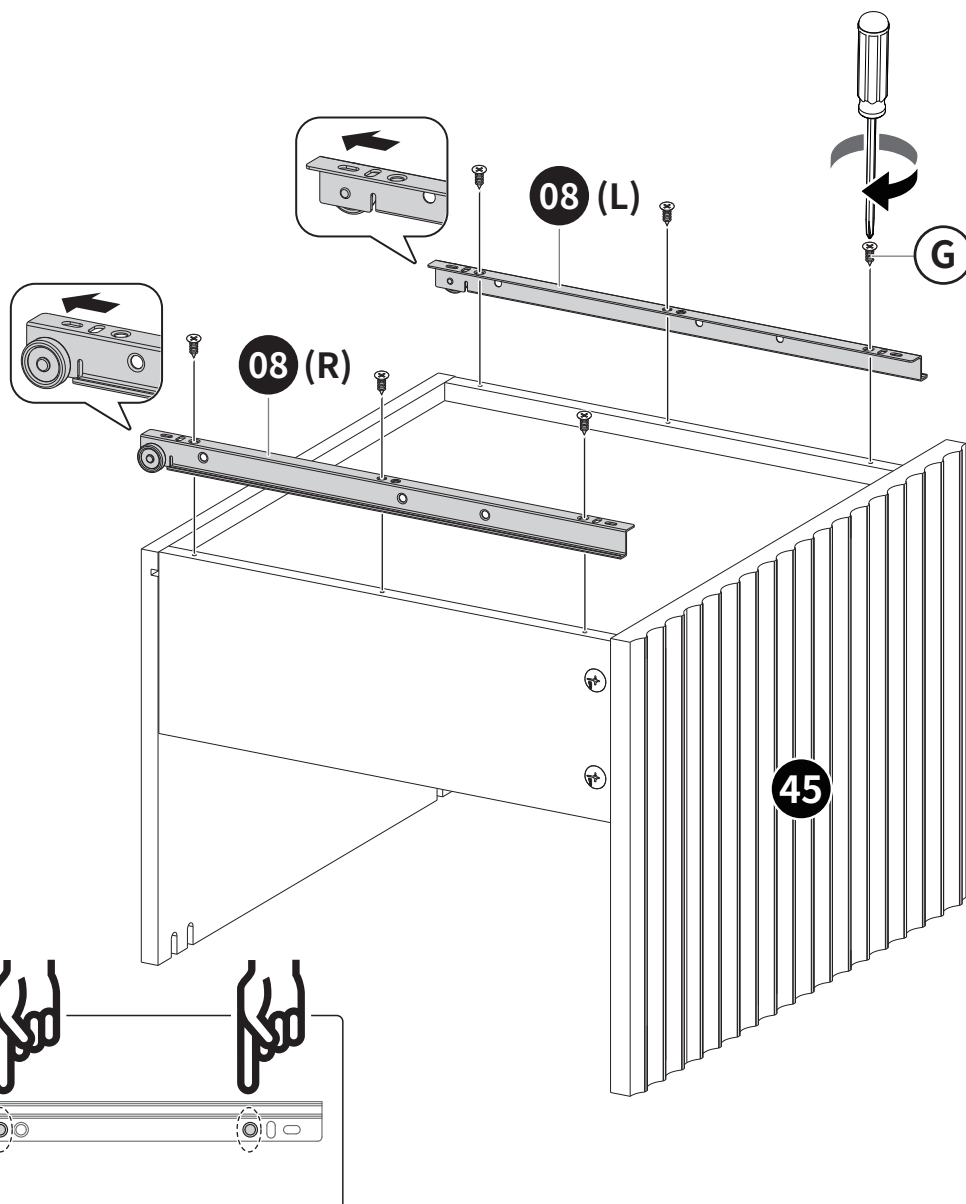
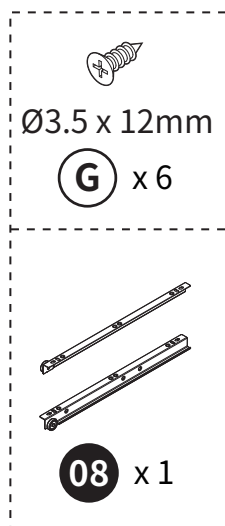


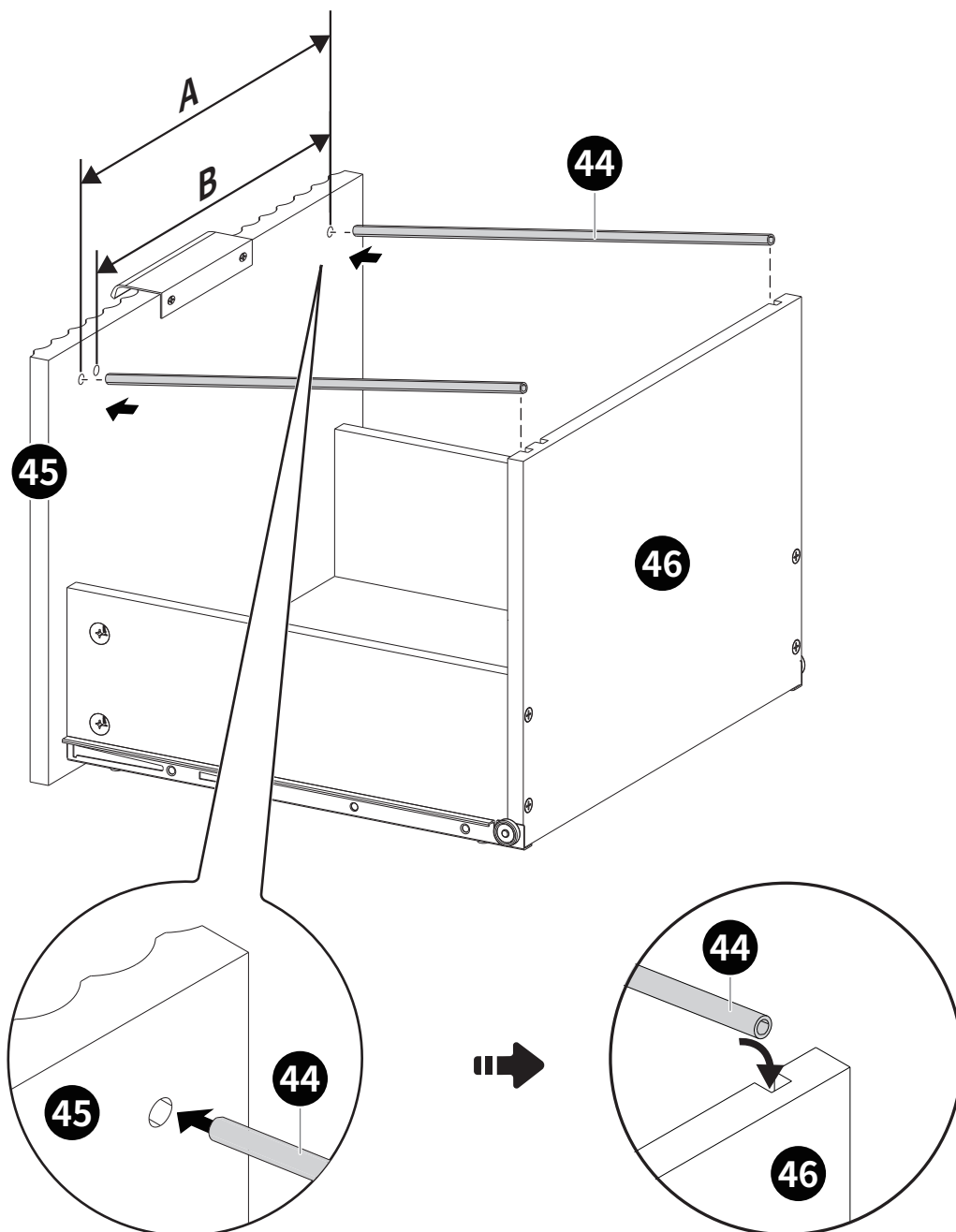
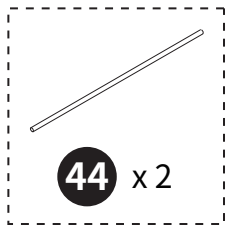
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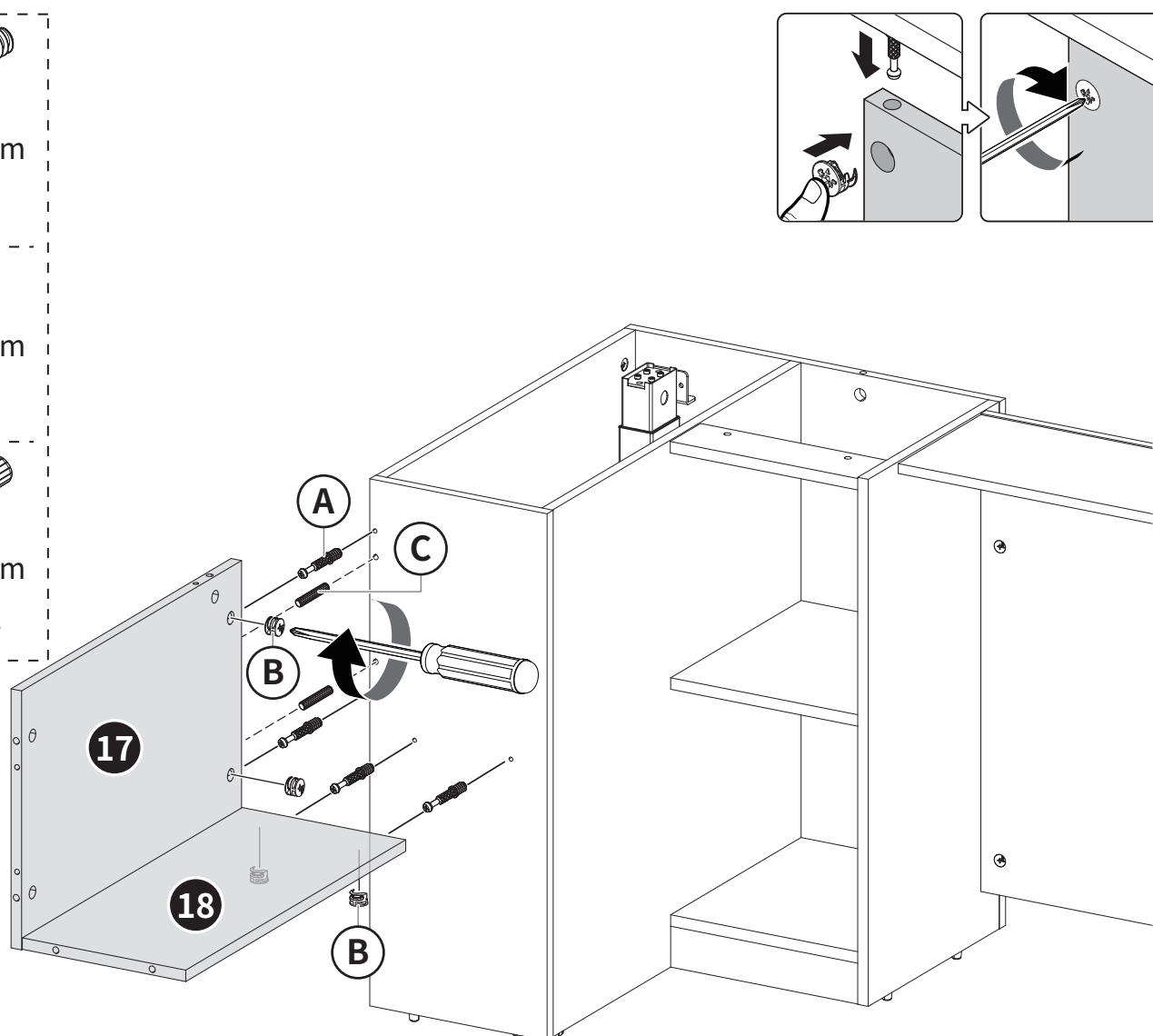
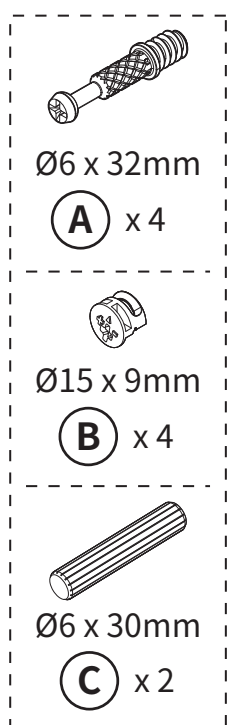
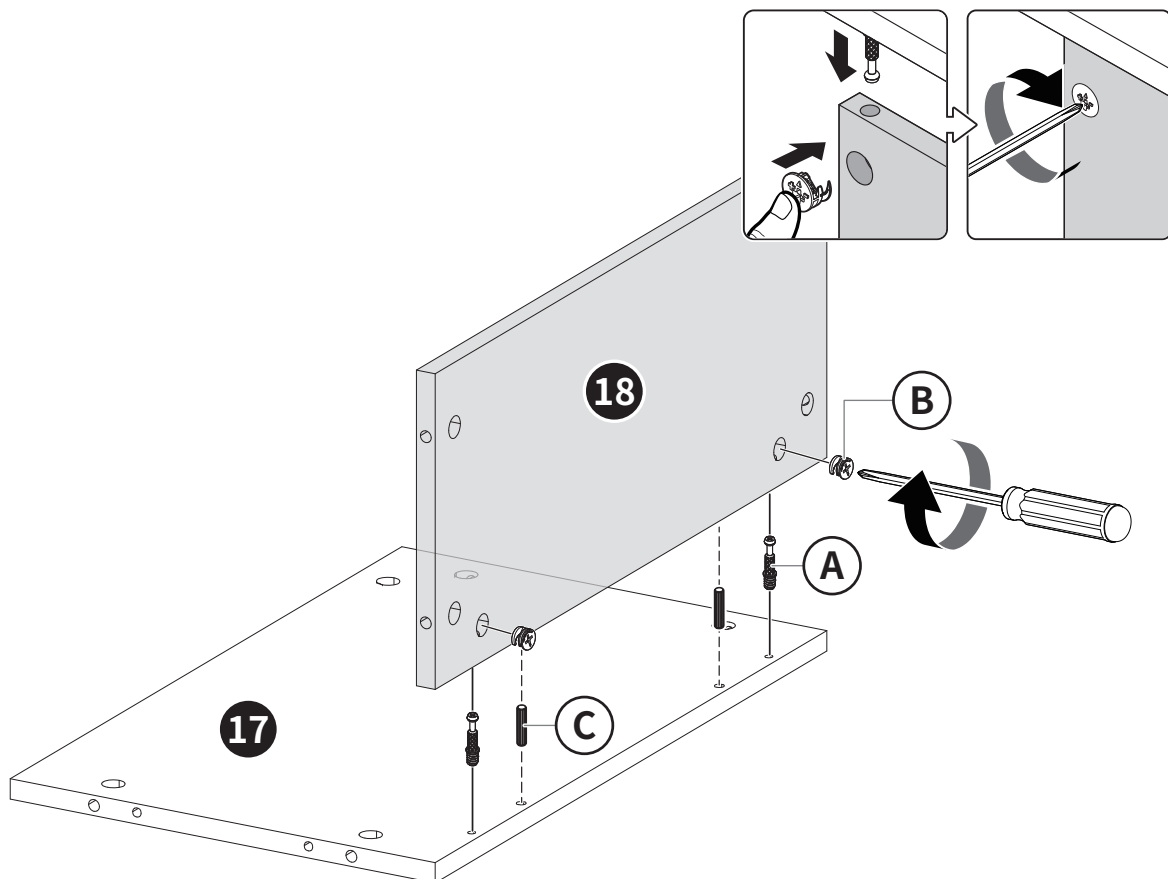
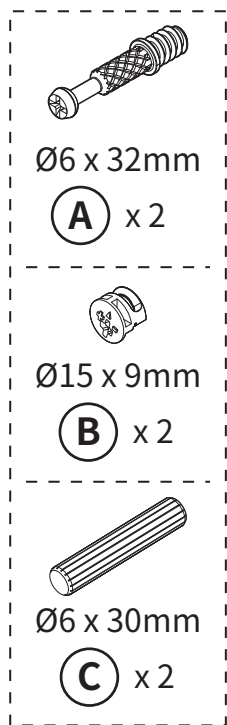


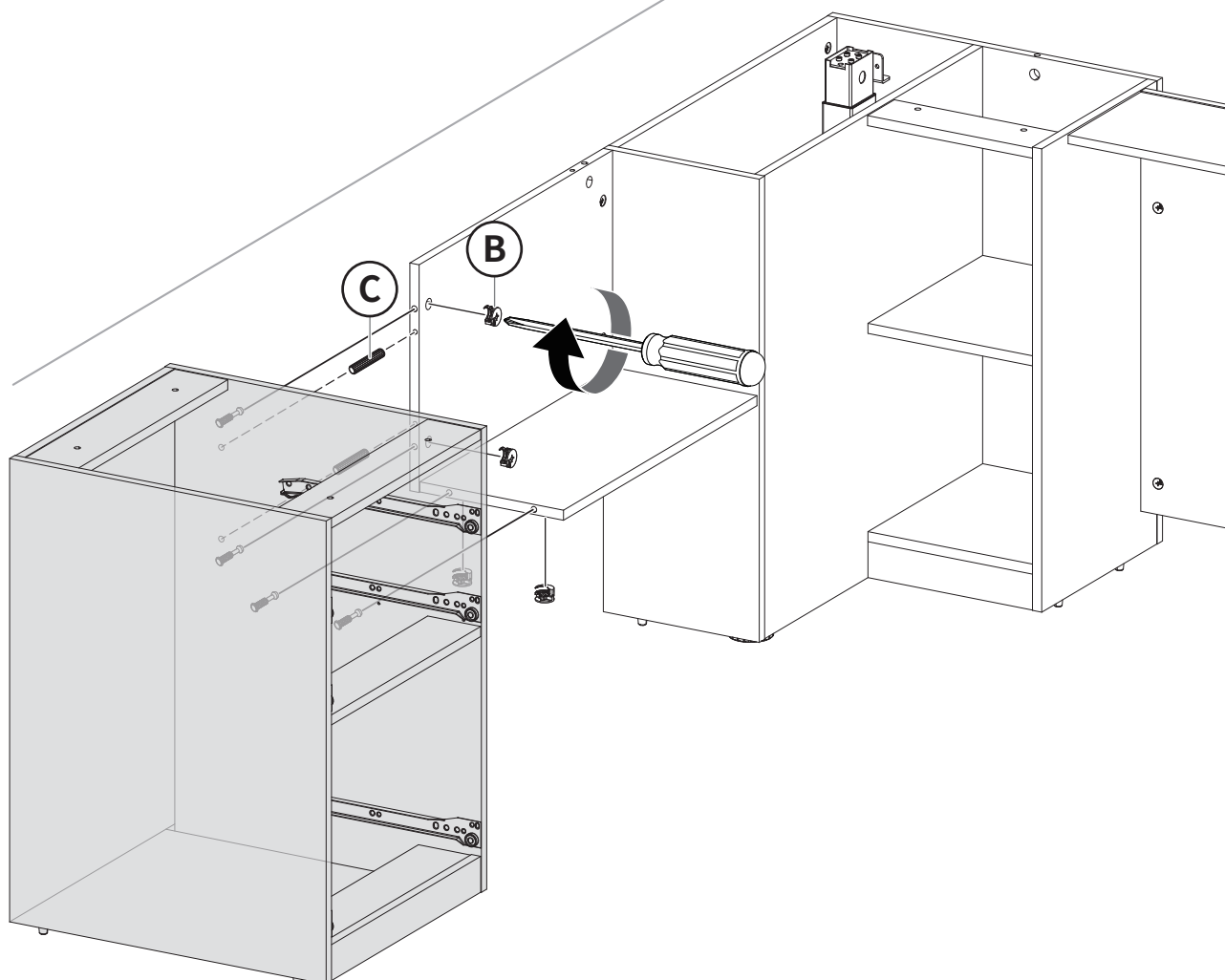
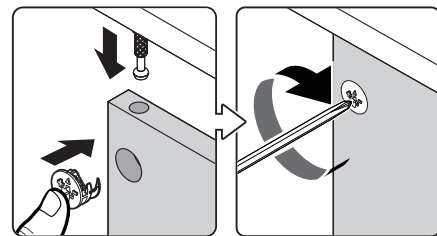
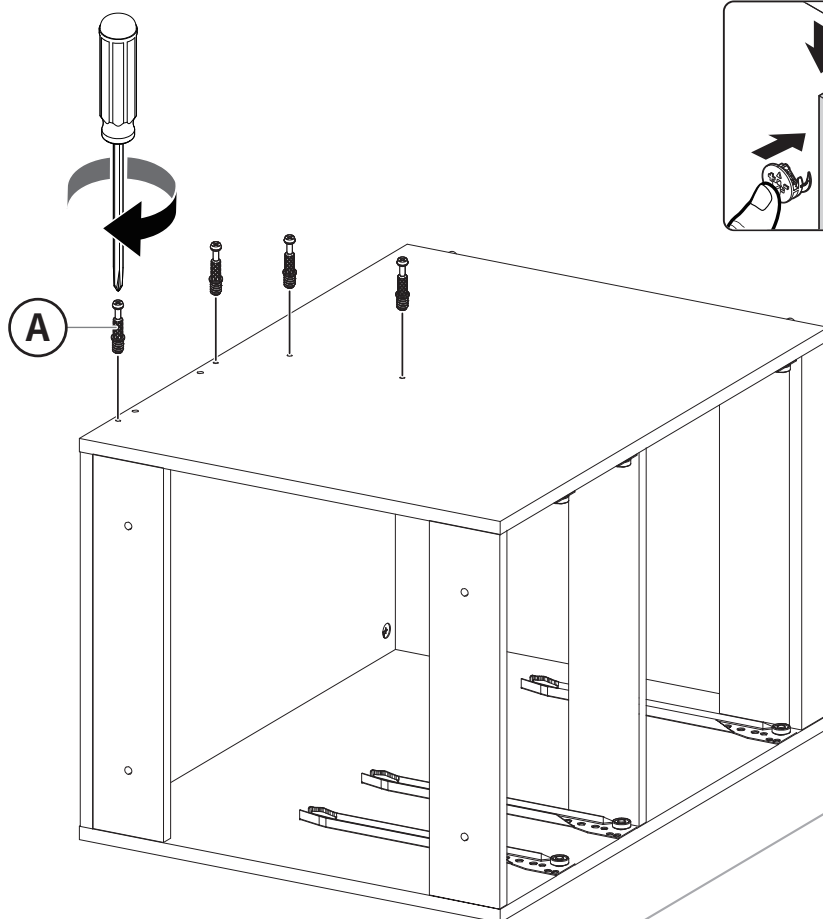
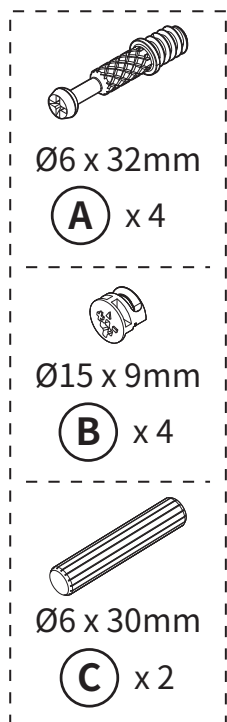


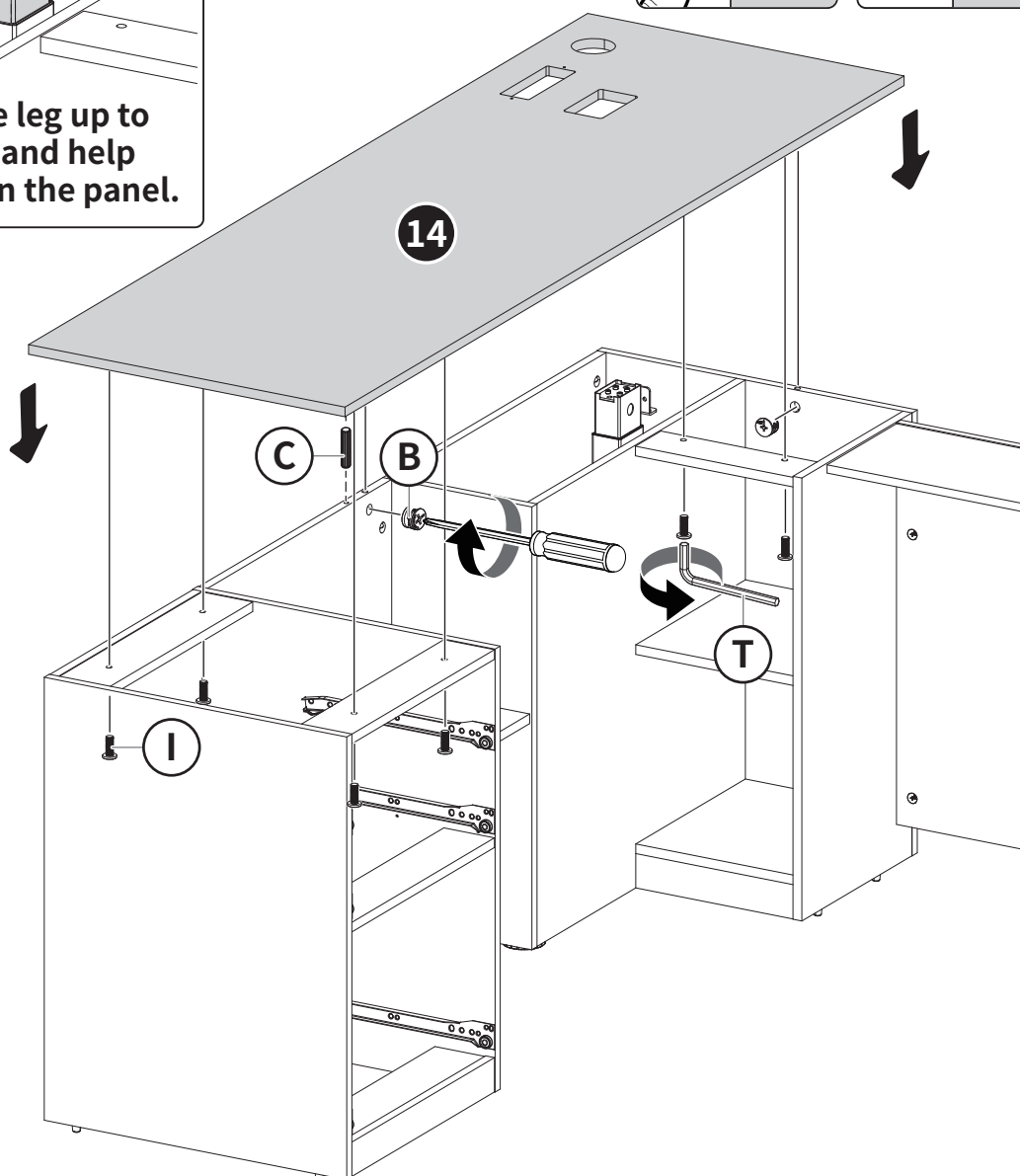
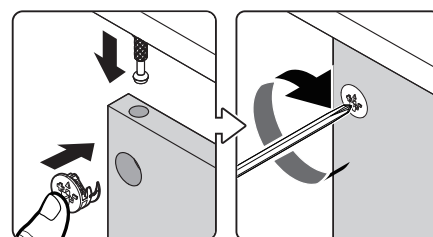
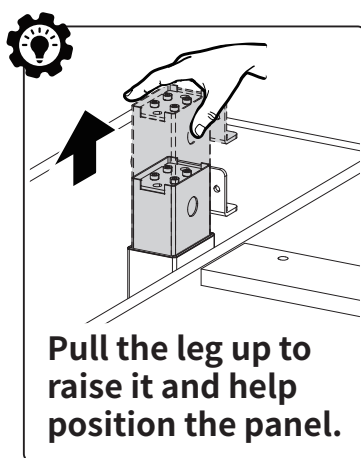
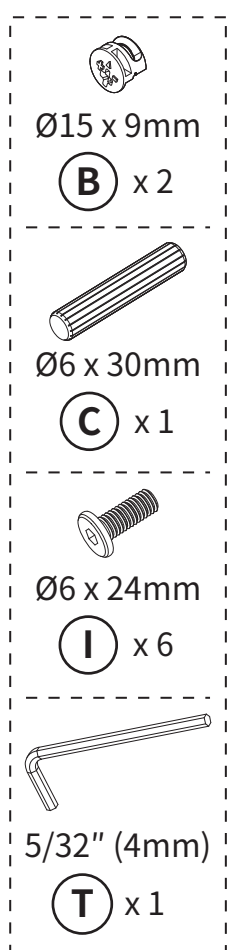
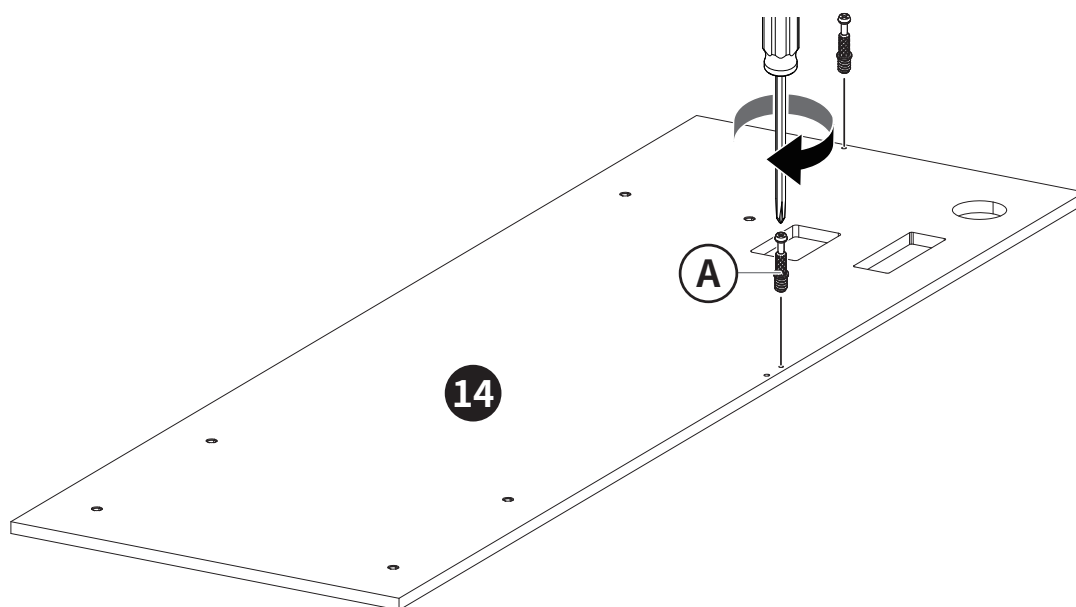
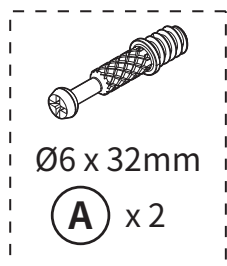


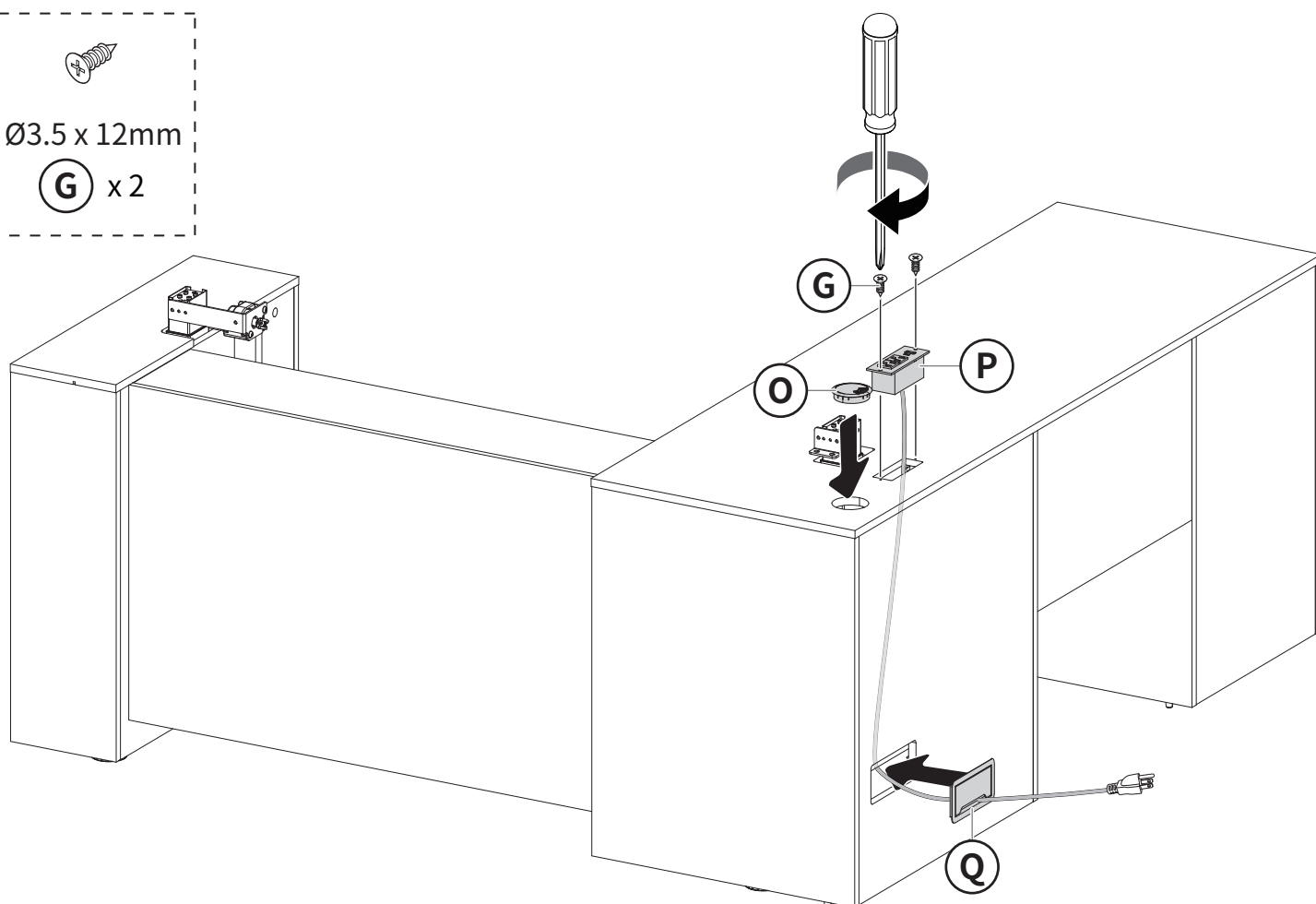
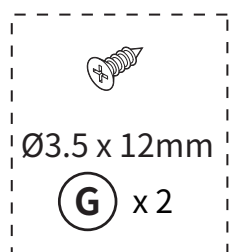
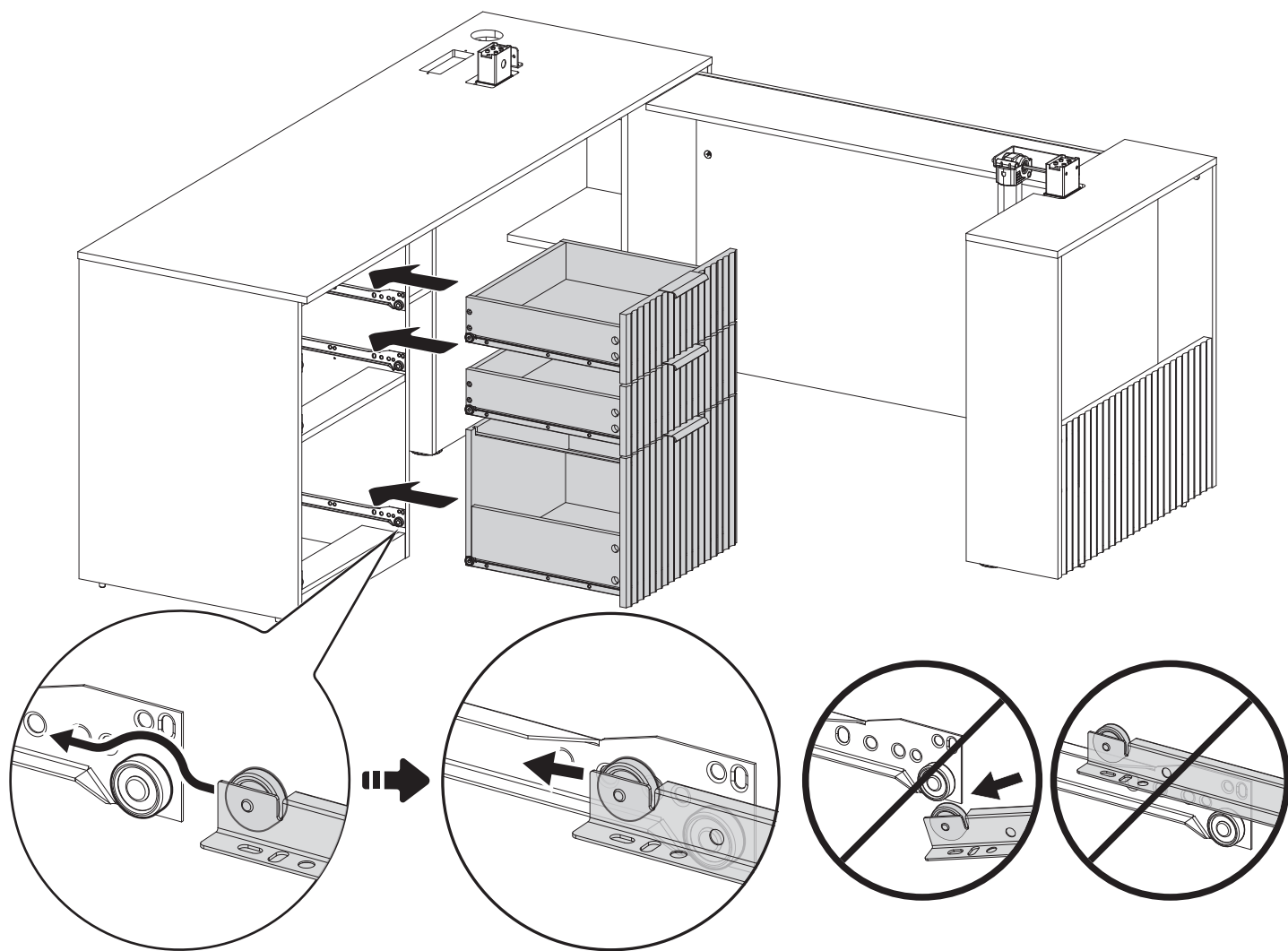






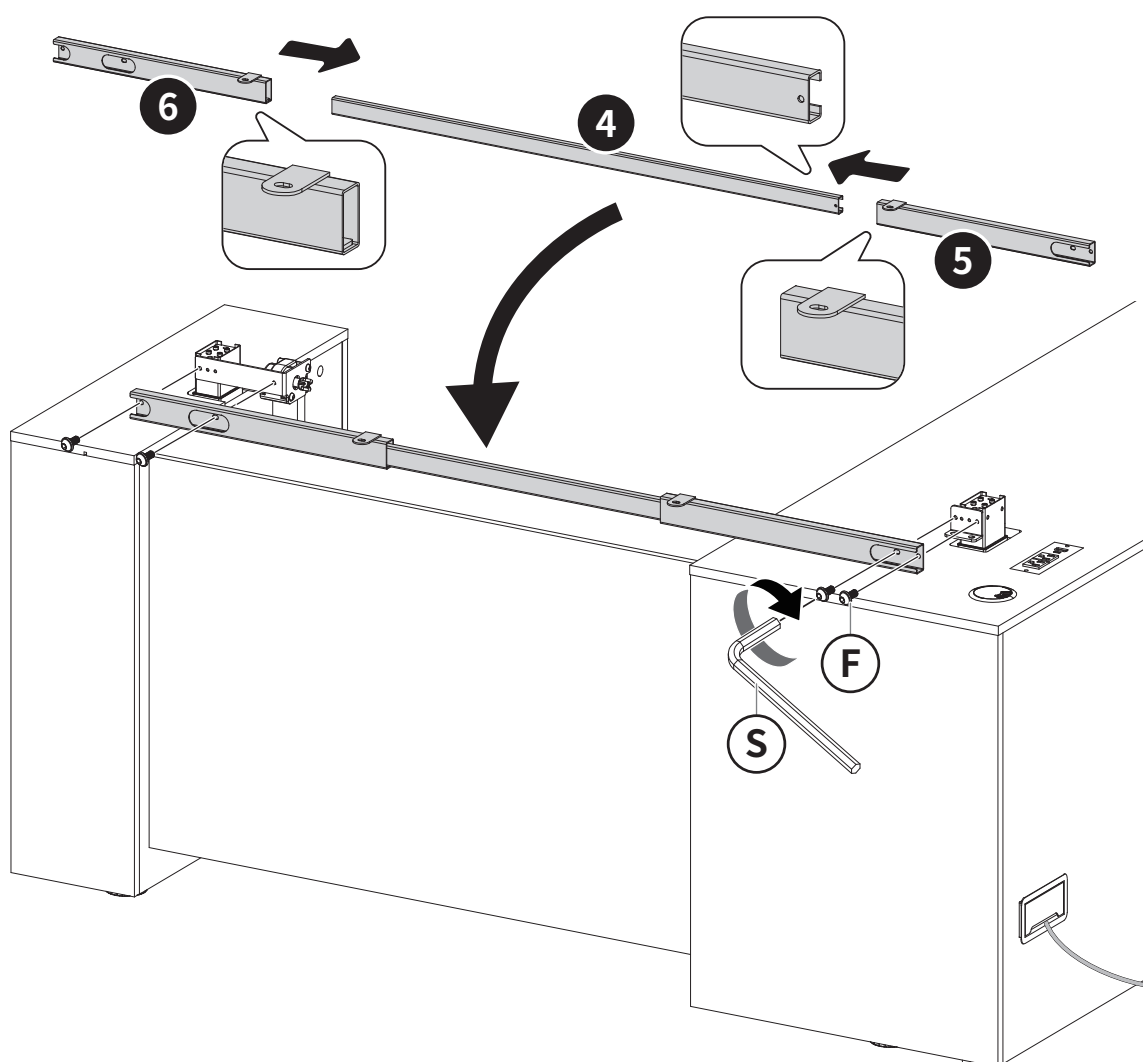
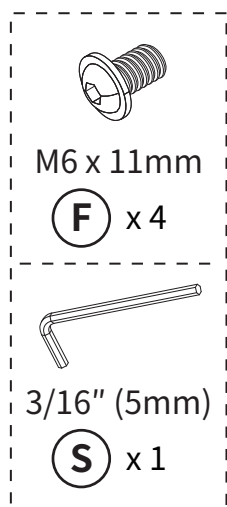
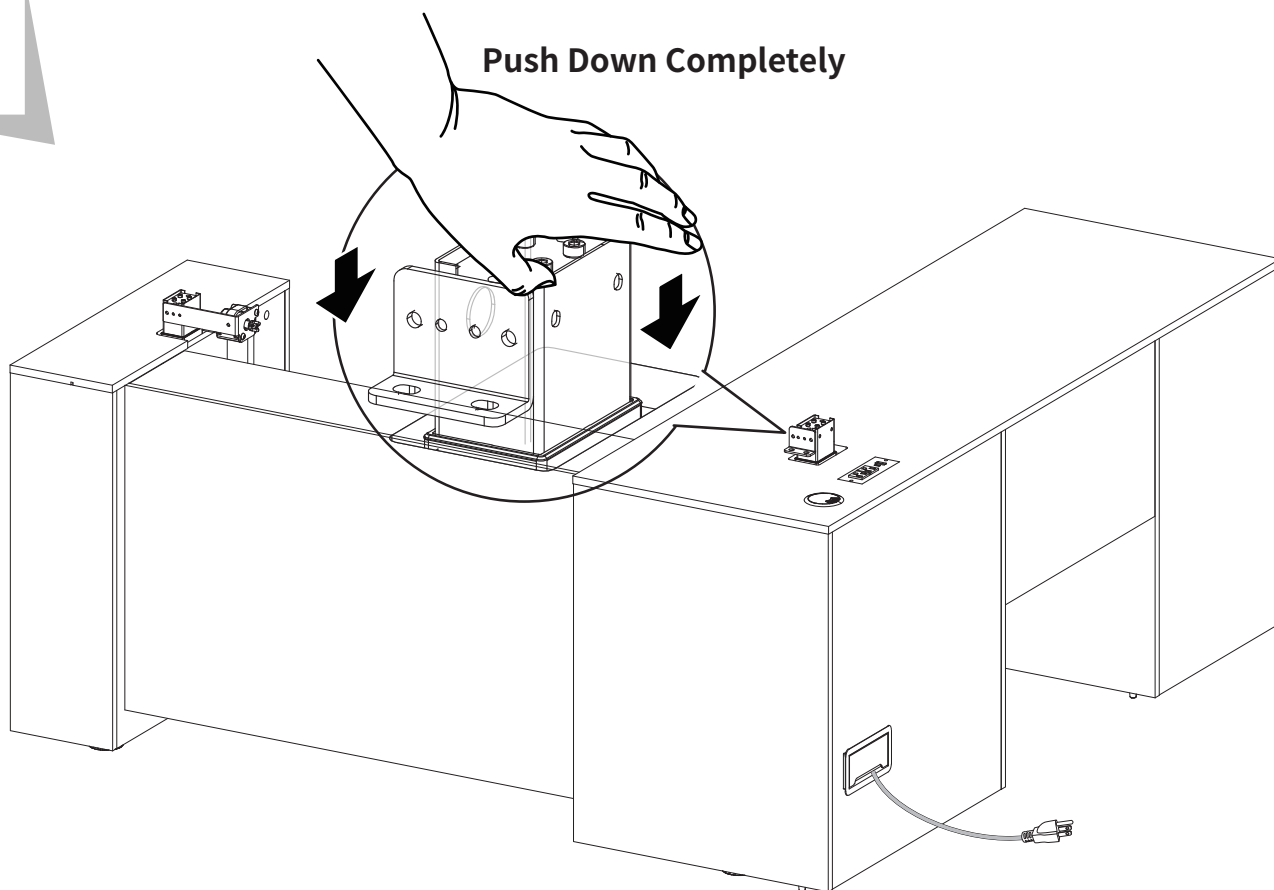




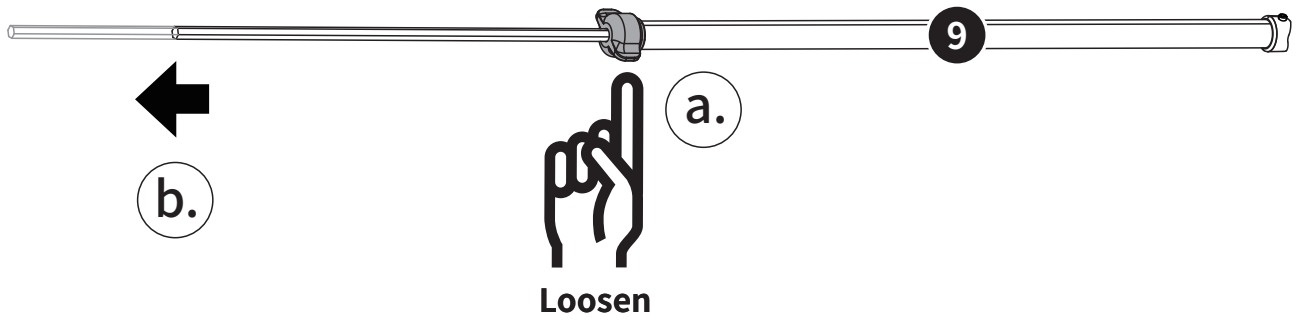


# 3

Push Down Completely

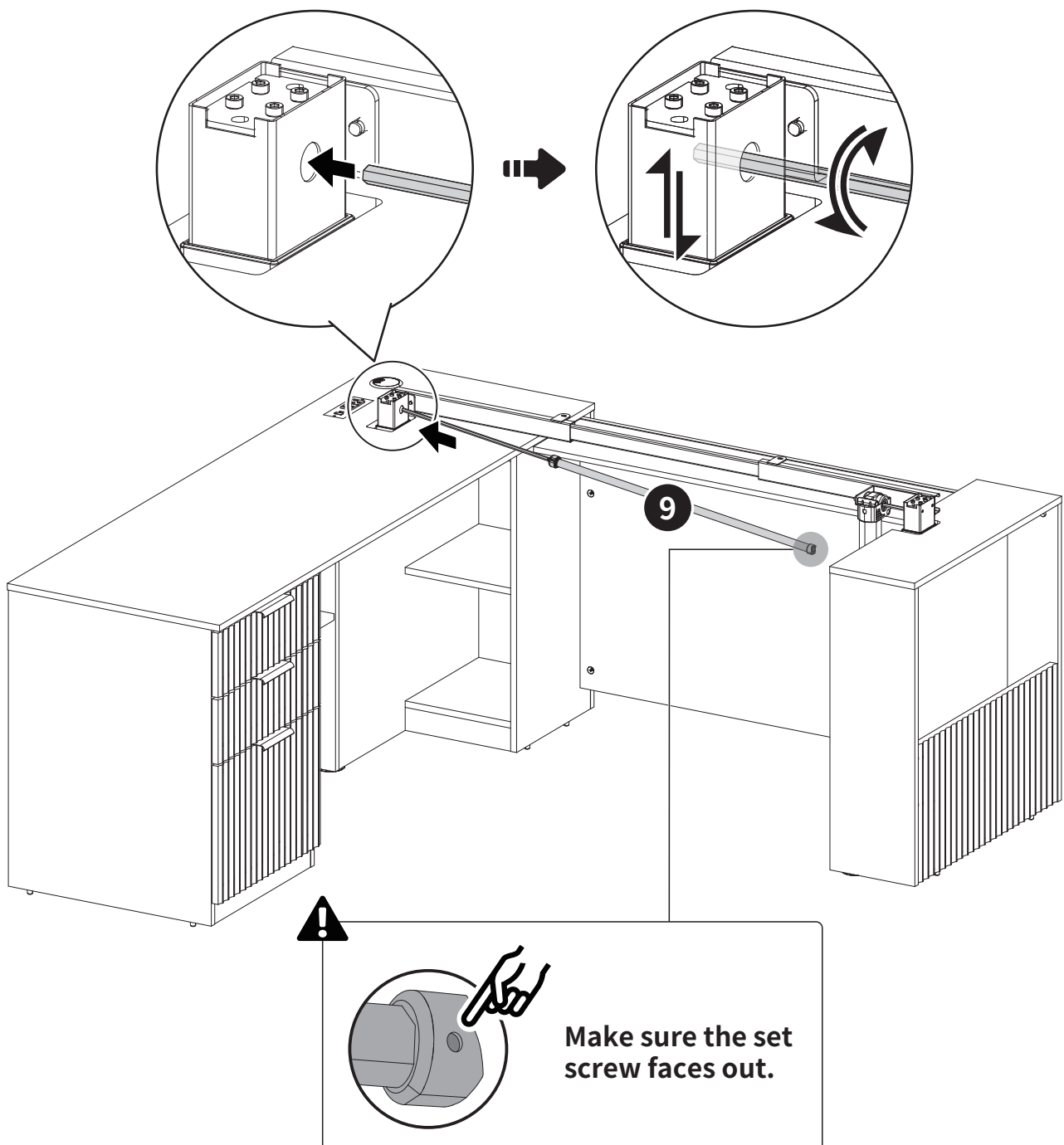


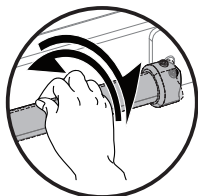
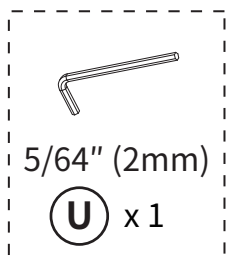




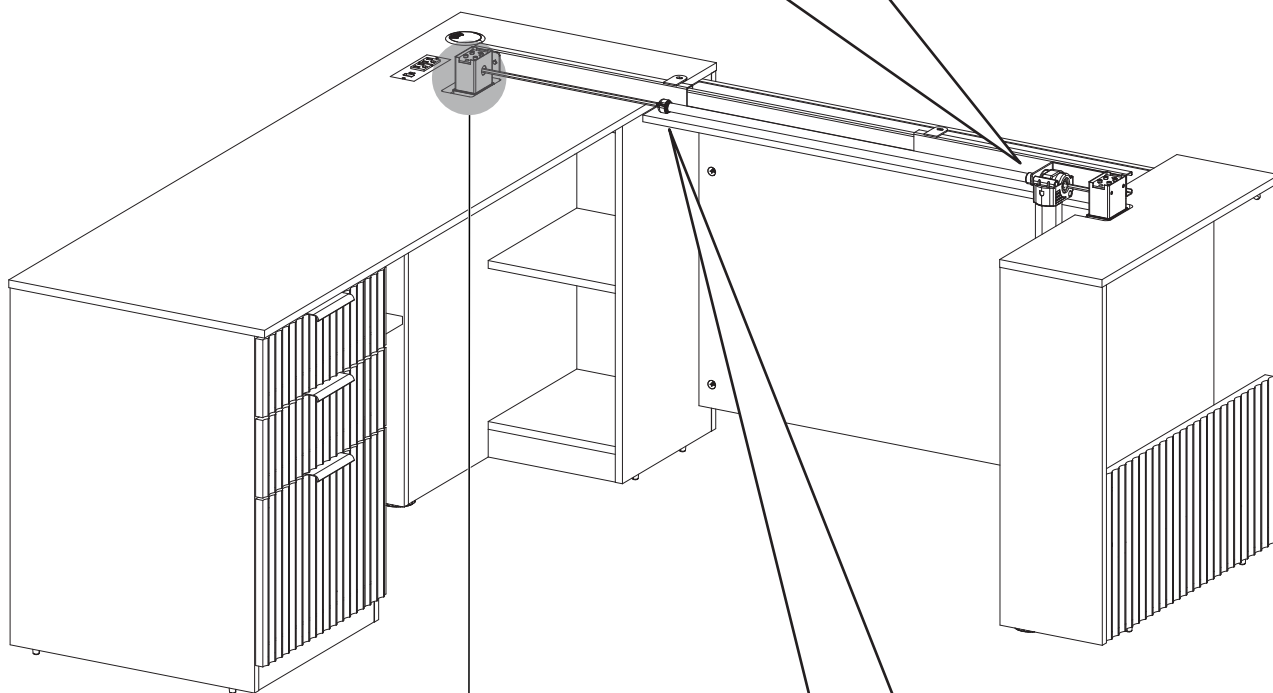
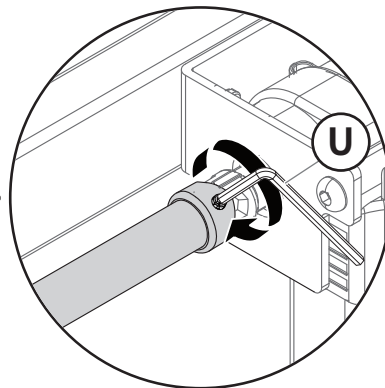
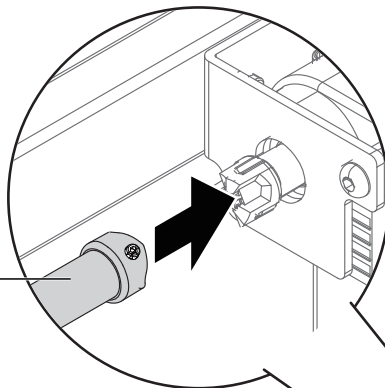
## Adjust uneven desk legs if needed

Measure the heights of the two desk legs to see if they are set at the same level. If not, turn the rod to raise or lower the leg until it's level with the leg with motor.

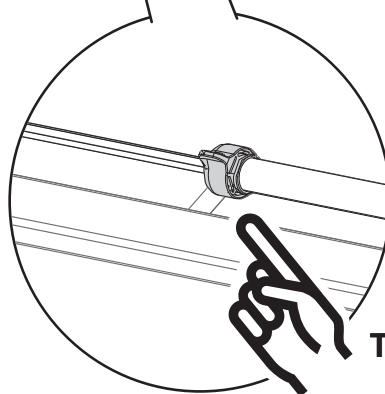




**If the rod's other end cannot be connected properly, fine-tune the rod.**



**Before tightening the coupling nut, ensure the rod end is fully inserted into the leg.**

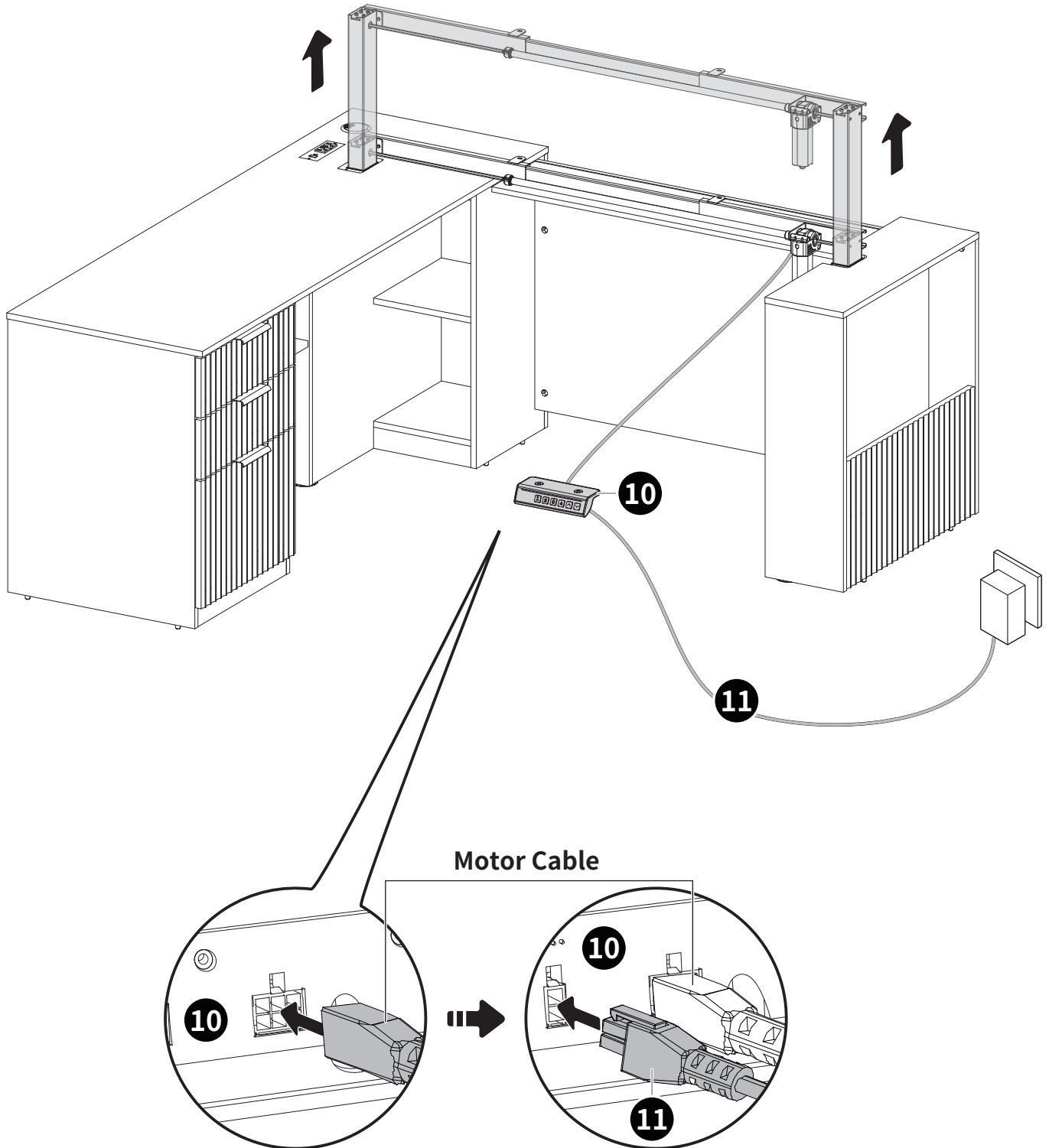


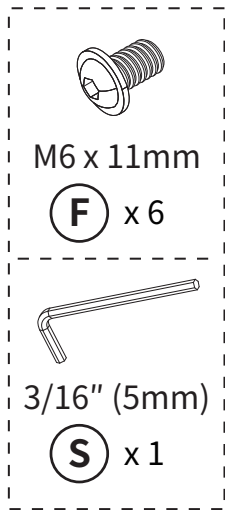
**Tighten**

Connect the cables, power on, and raise the desk.

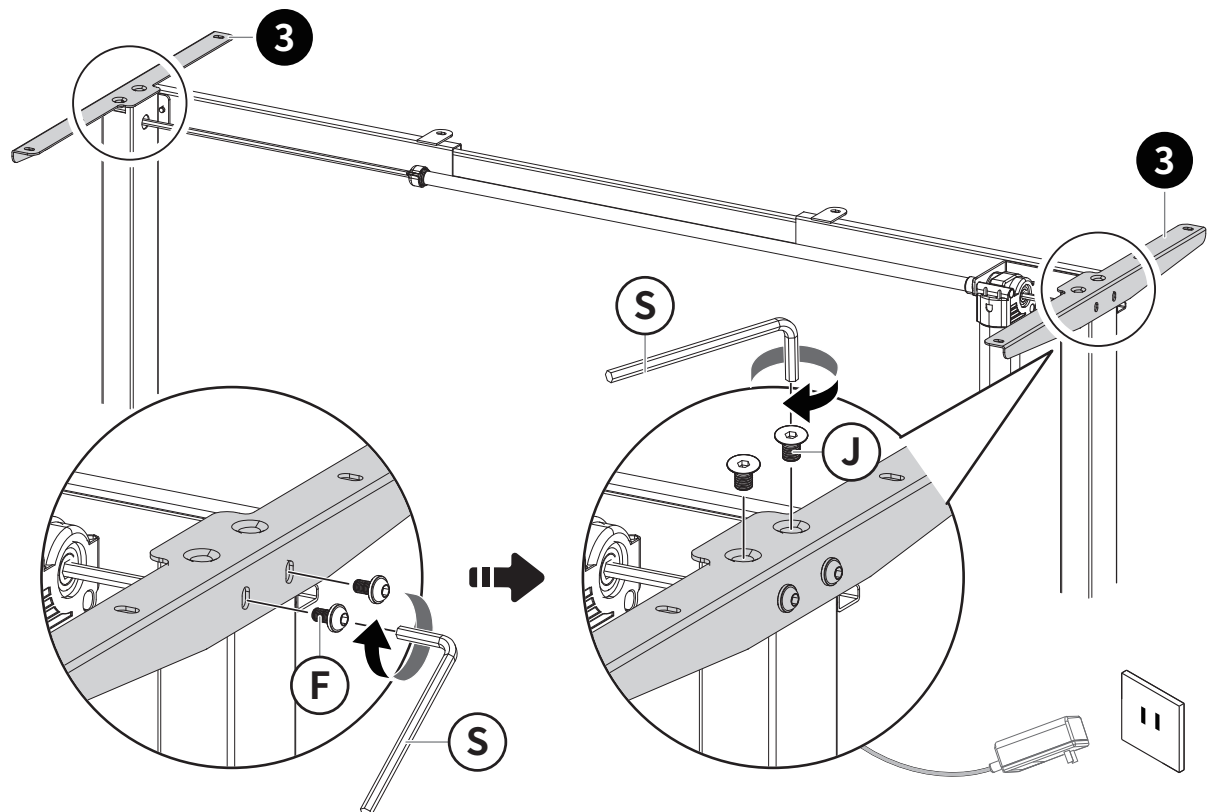
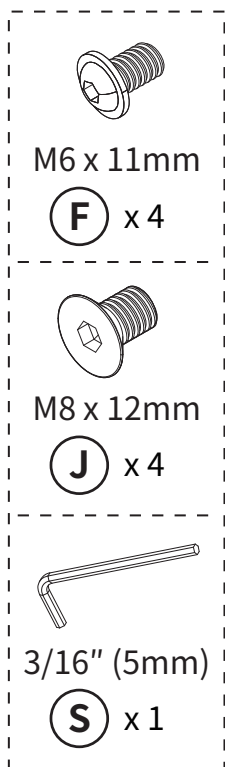
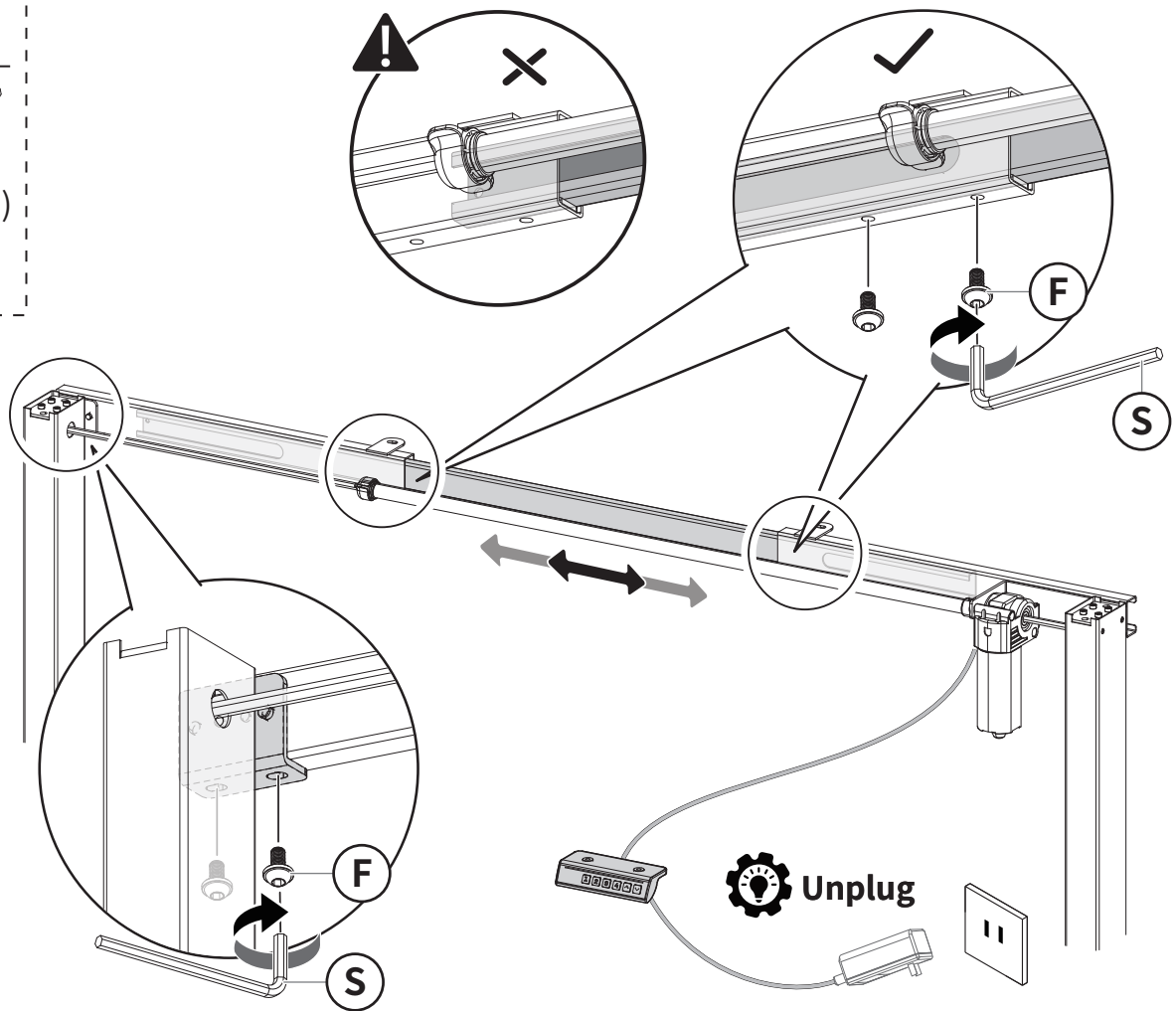


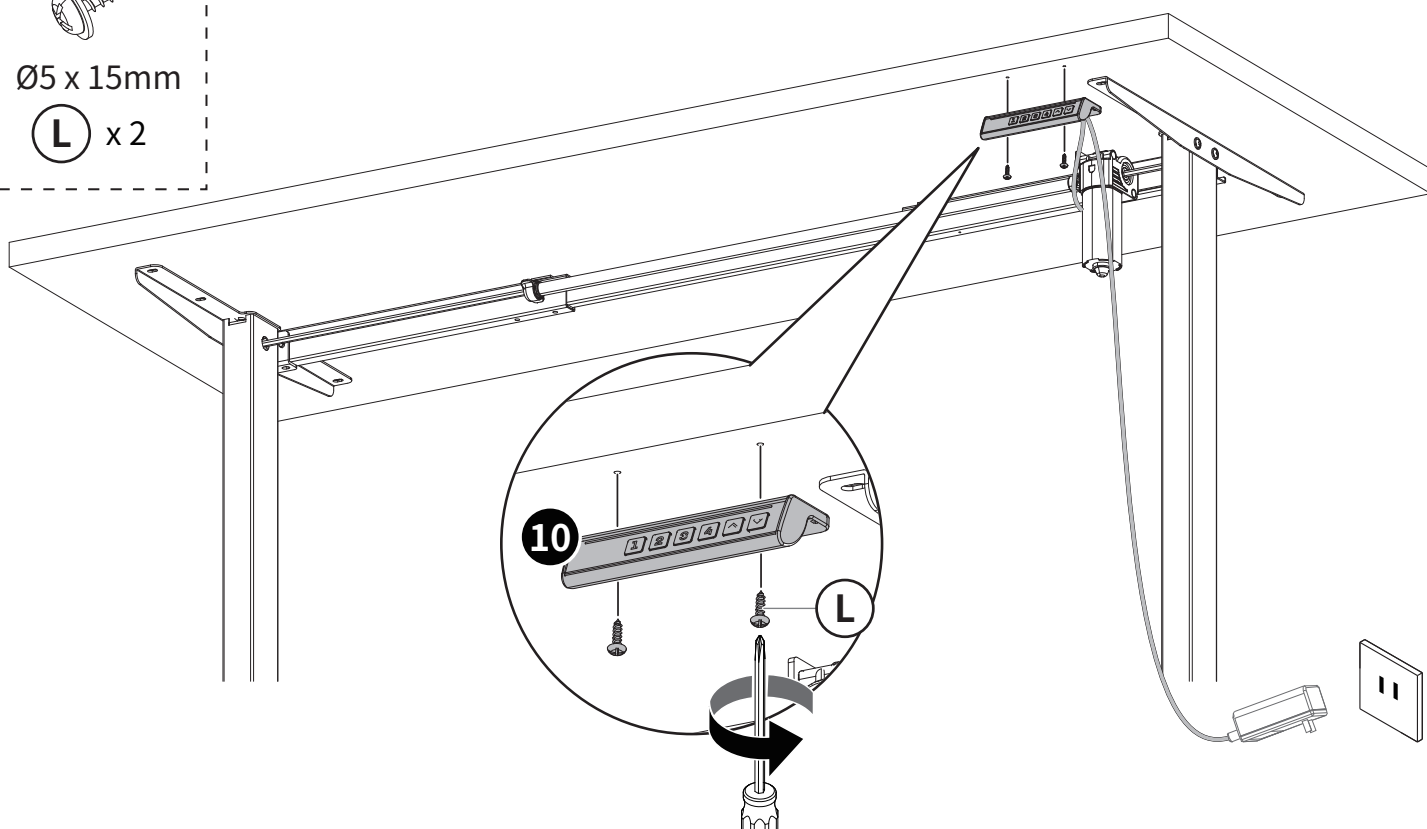
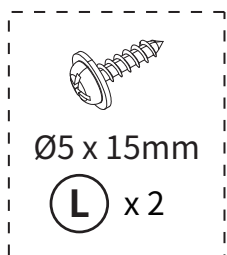
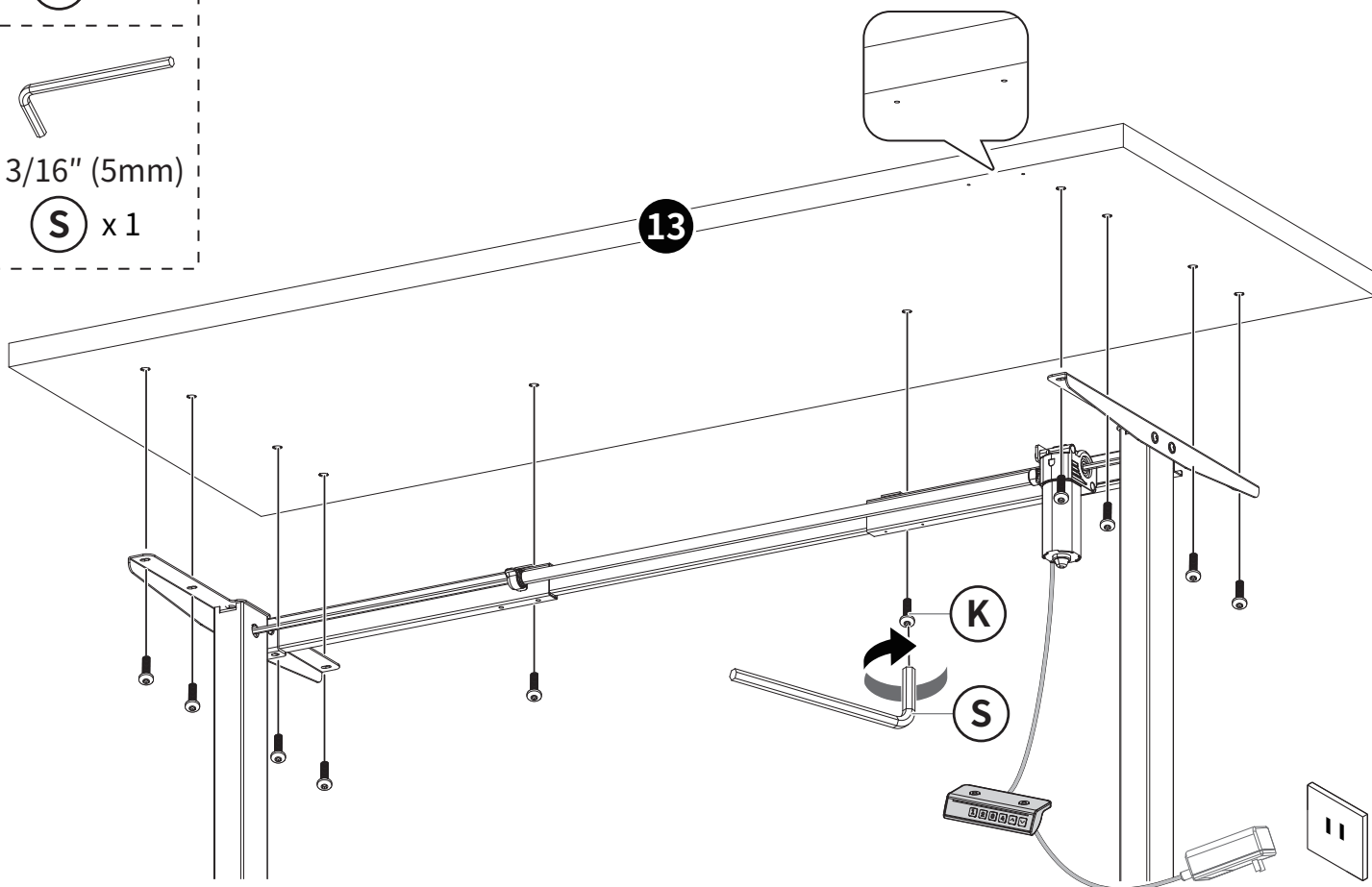
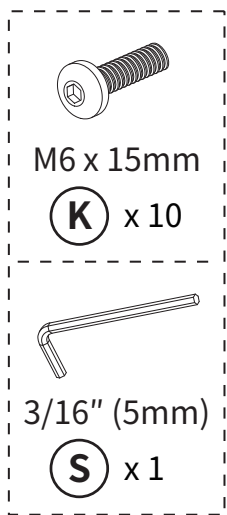
Before raising the desk, follow the controller instructions to perform a reset.





**!** Ensure that the connecting bar is inserted past the bolt holes on both sides.

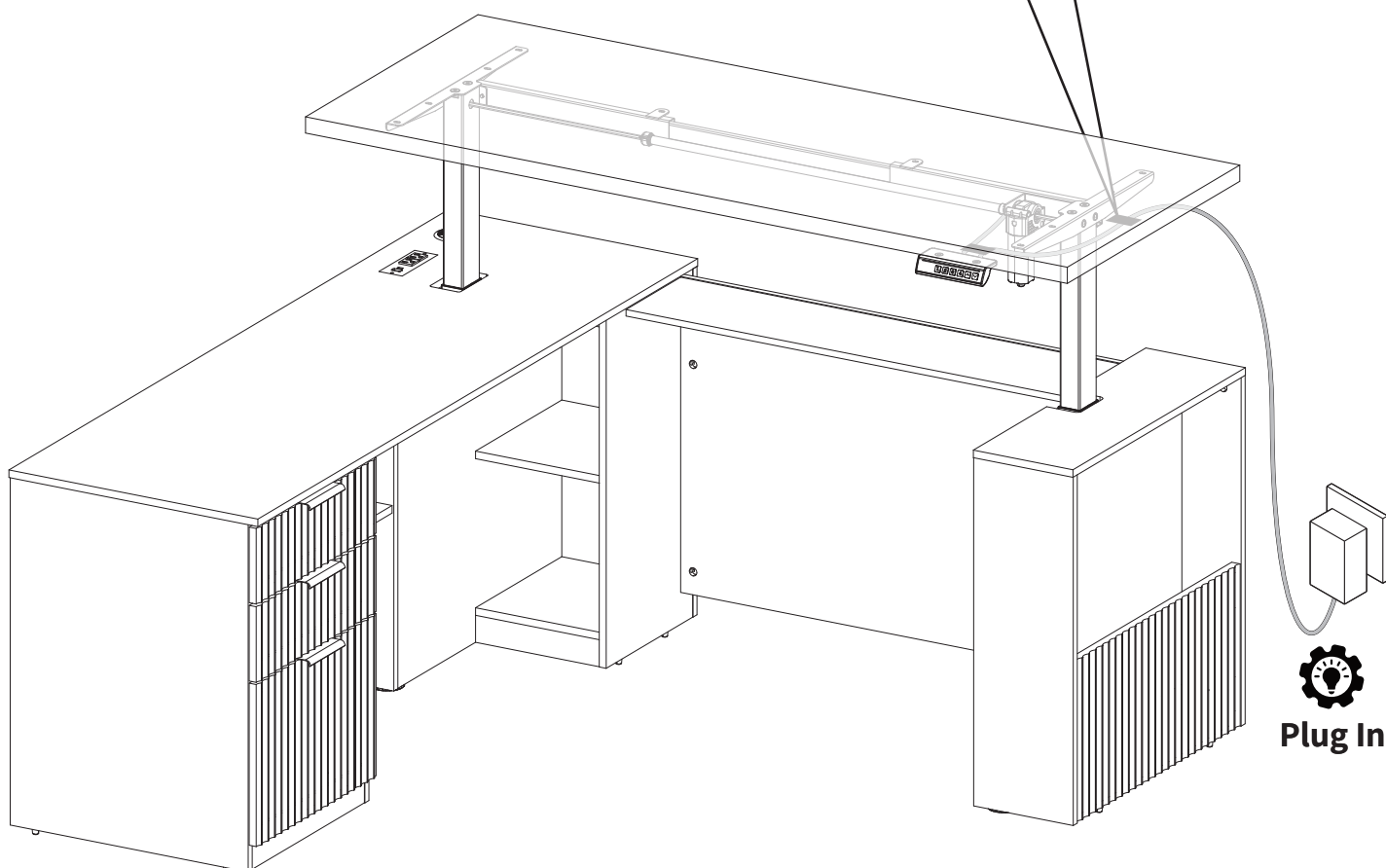
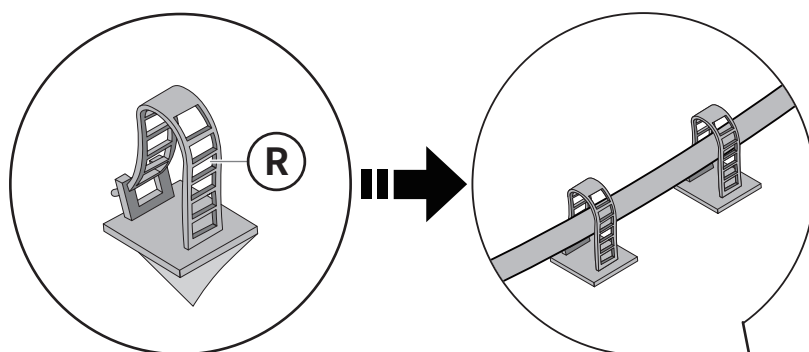
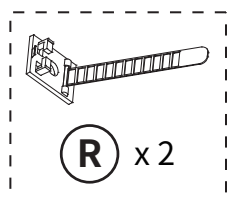




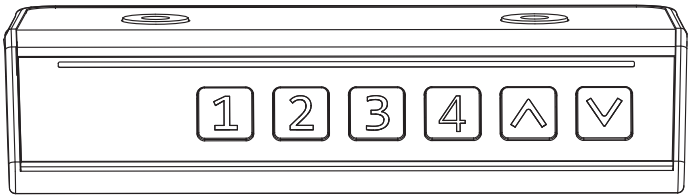
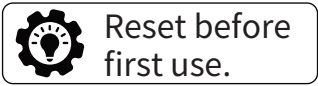
# 4



An example of a cable clip layout is indicated below. However, the cable clips can be arranged according to your needs.



# Using the Controller



**Note:** Ensure that there are no obstacles when using the desk, that the desktop is not too close to the wall, and that all cables are long enough for the desk to move up and down freely. When the controller screen is off (power-saving mode), press any button to wake it before operation.


- ☒ Up. Highest Position: 46.5" (118cm)
- ☒ Down. Lowest Position: 28.3" (72cm)

## • Save Current Height Setting

Four heights can be saved. Press and hold the **1**, **2**, **3**, or **4** button for 5 seconds until 'H1,' 'H2,' 'H3,' or 'H4' is displayed. The current height will be saved to that button.

## • Select Height Setting

Press the **1** / **2** / **3** / **4** button. The desk will move to the height that was previously set for that button.

Settings	
Reset	1. Press and hold the <input checked="" type="checkbox"/> button until the desk goes down to its lowest level, then release the button.
'RES' displays as  on the screen.	2. Press and hold the <input checked="" type="checkbox"/> button for 5 seconds, and the screen will display 'RES.' Continue holding until the desk comes back up slightly. Reset is complete.

## Protection Mode Error Codes

<b>Hot</b>	Overheating Protection: When the motor has been working continuously for 5 minutes, it will stop operating to prevent damage from overheating. Wait for at least 15 minutes before making any further height adjustment.
<b>E10</b>	Sensor Malfunction Warning: Motor safety sensor cannot be detected. Power off, disconnect the motor cable, reconnect the cable, then power back on and perform a reset.
<b>E20</b>	Overload Warning: Max load exceeded. If raising the desk, remove all items from the desk and try again. If lowering the desk, power off, remove all items from the desk, power back on, then try again. If error code persists, follow the reset instructions.
<b>E02</b>	Operation Status Warning: The desk stops moving if vibration, impact, or incline are detected. If this detection is incorrect, follow the reset instructions before continuing use.
<b>E32</b>	Overvoltage Protection: Input voltage too high. If the correct AC adapter is being used, power off, disconnect the controller cable, reconnect the cable, then power back on and perform a reset.
<b>E31</b>	Undervoltage Protection: Input voltage too low. If the correct AC adapter is being used, power off, disconnect the controller cable, reconnect the cable, then power back on and perform a reset.
	Cable Disconnection Warning: Ensure all cables are properly connected and the controller is plugged in before use.