LAMP

HES INSTALLATION MANUAL FOR HES3D-70 CONCEALED HINGE

Thank you for using our product. Before installation, please read this manual thoroughly to ensure correct installation. Please keep this manual at hand for future reference.

ABOUT THE PRODUCT

- This product is a concealed hinge for furniture to be recessed into the door and side board.
- Three dimensional adjustment function allows vertical, horizontal, and depth adjustment.

DOOR SPECIFICATION

Min. Door thickness	19 mm
Max. Door weight	9 kg per 2 hinges, 12 kg per 3 hinges
Max. Door size	Width: 600 mm, Height: 1200 mm

COMPONENT PARTS (PER BOX)

· Concealed hinge 2 pcs

• Screw cover 4 pcs×2 bags

· Template 1 pc

Countersunk head tapping screw 4×20 4 pcs×2 bags

Hex Key 2mm
 1 pc

FOR YOUR SAFETY AND CORRECT INSTALLATION

Meaning of symbols

Warning Caution

Prohibited



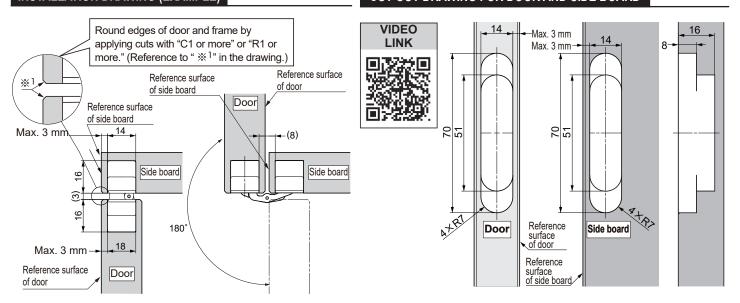
Required

$oldsymbol{\hat{\Gamma}}$ **Caution:** If not followed, injury or damage may result.

- Provide a cabinet that can withstand the weight and impact of opening and closing the door. Be sure to use the specified screws and tighten them securely. If the mounting strength is insufficient, the door may fall and cause injury.
- O Do not use this product for any other purpose, or with lids that are outside the specifications of this manual.
- ◯Use in conjunction with door damper or stay is not recommended.
- Follow the specified dimensions, specifications, and alignment of the cabinet. Warping, tilting or twisting of the cabinet or door may cause failure.
- This product is a part for furniture. After installation, please check the function and safety of the final product. Please inform the end user how to use the product safely.
- Make sure to check the screws for slack at regular intervals (one month from first usage, half a year, and then one time every year is recommended).

INSTALLATION DRAWING (EXAMPLE)

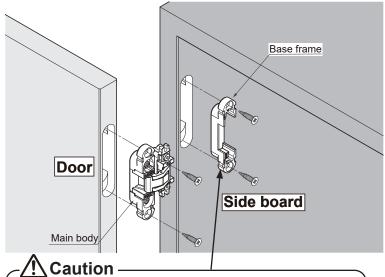
CUT OUT DRAWING FOR DOOR AND SIDE BOARD



1 Disassembly of Hinge

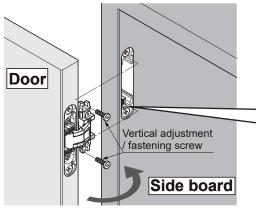
Screw cover Vertical adjustment fastening screw Loosen this screw to disassemble Main body Base frame

2 Installing Hinge to Door and Cabinet



Before installing base frame into the cabinet, check that it is oriented correctly. If the orientation is incorrect, the door cannot be installed.

3 Hanging Door



[1] Insert each hinge body (side board) deep into the base frame.

[2] Hang the hinge body on the base frame. (Provisional holding state).

! Caution

Do not move the door at this stage as it may fall off.

[3] While supporting the door, quickly tighten.



ADJUSTING DOOR POSITION

The arrows should point in the direction of adjustment when the door is closed.

1 mm Up 1.5 mm Backward Vertical adjustment screw(Upper side) 1 mm (Removable)Recommended tightening torque:0.5N·m Door Right 1.5 mm Left 1.5 mm Down Depth adjustment screw tightening torque:0.5N·m 4 Horizontal Vertical adjustment screw(lower side) adjustment screw (Removable)Recommended tightening torque:0.5N·m Side board

1 − **5** is the order of adjustment. Please put a supporting spacer under the door when adjusting it. There are two adjustment screws on one

Vertical adjustment

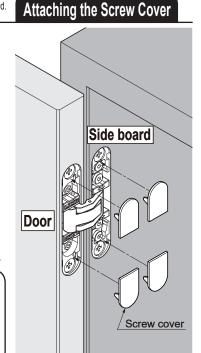
- Loosen the adjusting screw one turn.
- 2 Lifted the door to the correct height.
- 3 Finally, secure the adjusting screw.

Horizontal adjustment

A Rotate the adjustment screw to the correct position.

Depth adjustment

5 Loosen the adjusting screw one turn and secure it in the optimum position.



∕! Caution

When adjusting the horizontal position, turn the two screws a little, by the same amount. The hinge may be broken if you keep turning one screw only. If you turn the adjustment screw to the right beyond the adjustment range, the parts will protrude, and the cover won't fit, and if you turn it further, the door will come off.

Tighten adjustment screws within the tightening torque so as not to damage the screws.

Do not remove the depth adjustment screw. The door may fall and cause injury.

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