

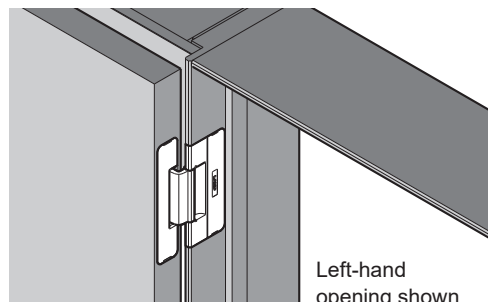
LAMP®**HES**
Hinge • Espagnolette**INSTALLATION MANUAL**
HES1F-140 SLIM FRAME HINGE

Instruction movie



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.



Left-hand opening shown.

ABOUT THE PRODUCT

- A hinge for slim jambs for indoor use, recessed into the door and doorjamb.
- Allows vertical, horizontal and depth adjustment.
- When using a lever handle, the exclusive base spacer and strike plate adapter are required.

COMPONENT PARTS (PER BOX)

Parts	Body	Cover		Installation screw		Hex Key 3 mm	Template
		Door side	Jamb side	Door side Pan head tapping screw 4×16 	Jamb side Countersunk head tapping screw 4×20 		
Quantity	2 pcs	2 bags		4 pcs	5 pcs	1 pc	1 pc

DOOR SPECIFICATION

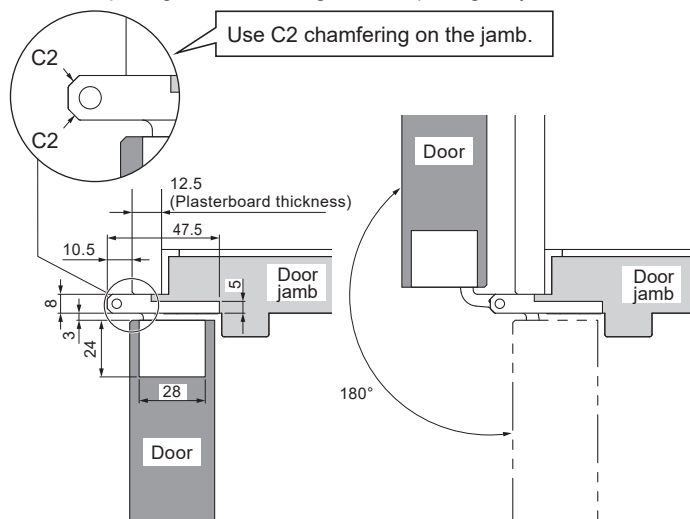
Min. Door thickness	36 mm
Max. Door weight	40 kg per 2 hinges, 50 kg per 3 hinges
Max. Door size	Width: 900 mm, Height: 2700 mm

The required quantity of hinges depends on the stiffness and curvature of the door.

Install the door and check to determine the appropriate amount of hinges.

INSTALLATION DRAWING (EXAMPLE)

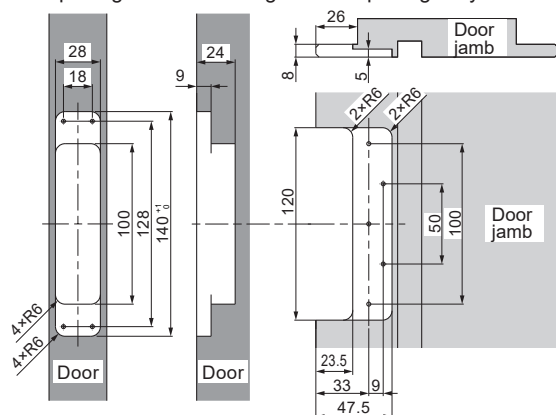
Left-hand opening shown. The Right-hand opening is symmetrical.

**FOR YOUR SAFETY AND CORRECT INSTALLATION****Meaning of symbols****Warning**
Caution**Prohibited****Required****Caution** If not followed, injury or damage may result.

- ❗ Provide a jamb 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.
- ⊘ Do not use this product for any other purpose, or with doors that are outside the specifications of this manual.
- ❗ Follow the specified dimensions, specifications, and alignment of the door and jamb. Warping, tilting or twisting of the jamb or door may cause failure.
- ❗ This product is a part for architectural fittings. 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).
- ❗ Work with at least one partner. Falling doors may lead to injury.

CUT OUT DRAWING FOR DOOR AND DOORJAMB

Left-hand opening shown. The Right-hand opening is symmetrical.

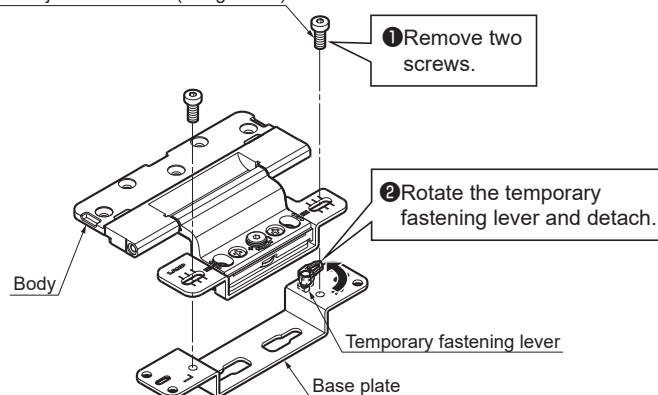


Drill pilot holes at the installation screw locations.

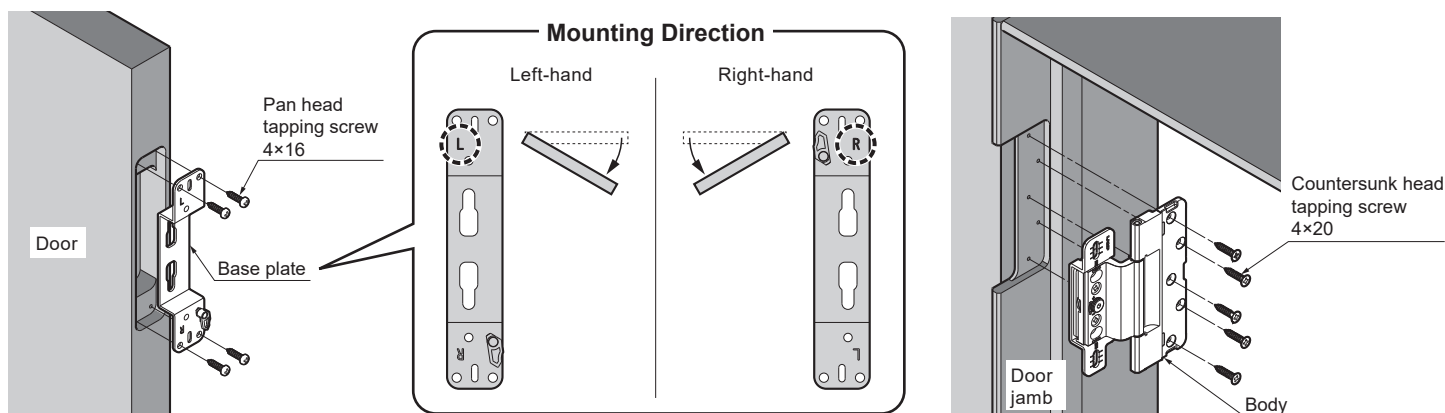
Diameter and depth of the pilot hole depends on the strength of the wood.

PREPARATION BEFORE INSTALLATION**Disassembly of Hinge**

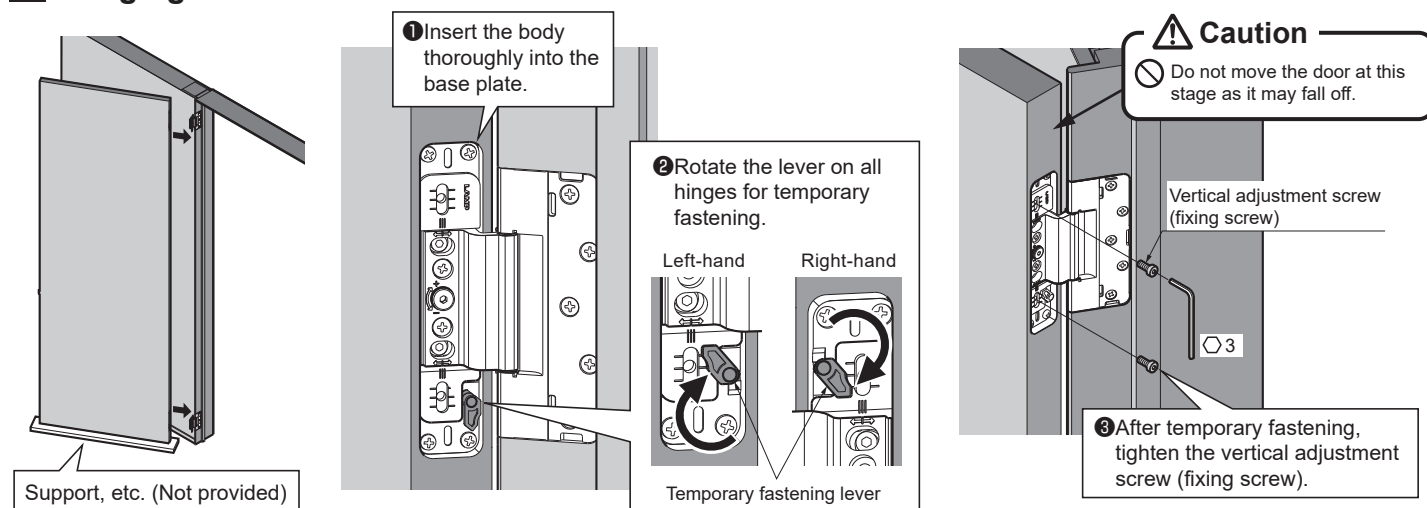
Vertical adjustment screw (fixing screw)



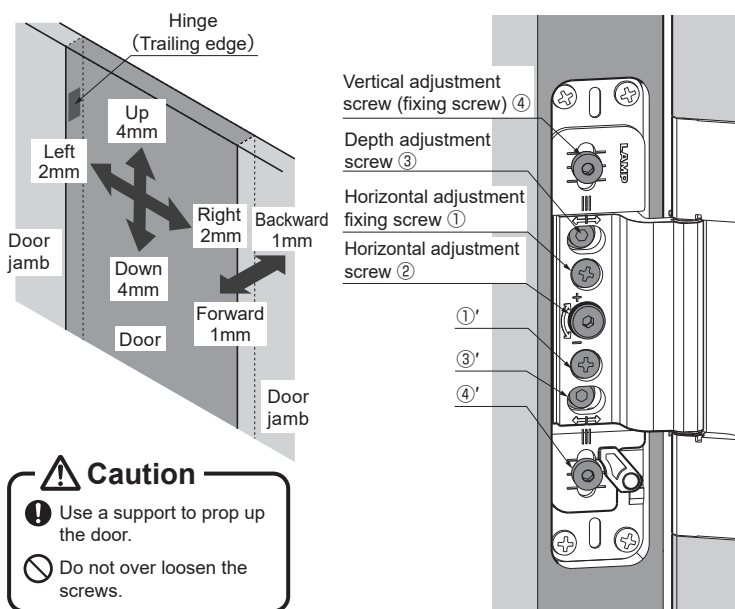
1 Installing Hinge to Door and Doorjamb



2 Hanging Door



ADJUSTING DOOR POSITION



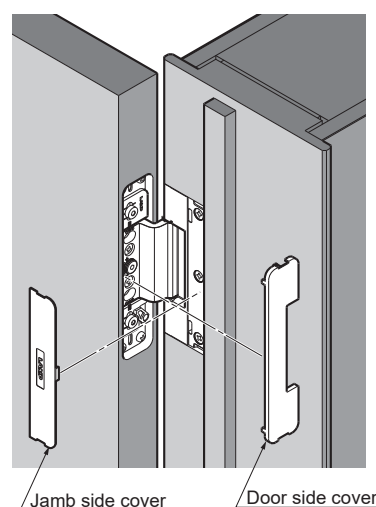
Horizontal adjustment

- Loosen screws ① and ①'.
 - Rotate screw ② to adjust (turn right to increase the gap at the trailing edge).
 - Evenly re-tighten screws ① and ①'.
- ※ Tightening torque is 1.5 N·m.

Vertical, Depth Adjustment

- Loosen the adjustment screws about half a turn (③ ③' depth, ④ ④' vertical).
 - Adjust the door to the optimal position.
 - Re-tighten the screws.
- ※ Tightening torque is 3.5 N·m.

COVER INSTALLATION



SUGATSUNE KOGYO CO., LTD.
Tokyo, JAPAN
Phone: +81 3 3866 2260
E-mail: export@sugatsune.co.jp

SUGATSUNE KOGYO (UK) LIMITED
Reading, UK
Phone: +44 1189 272 955
E-mail: sales@sugatsune.co.uk

SUGATSUNE EUROPE GmbH
Düsseldorf, GERMANY
Phone: +49 211 53812 900
E-mail: sales@sugatsune.eu

SUGATSUNE AMERICA, INC.
California, USA
Phone: +1 310 329 6373
E-mail: sales@sugatsune.com

Chicago, USA
Phone: +1 630 317 7072
E-mail: sales@sugatsune.com

SUGATSUNE CANADA, INC.
Montreal, CANADA
Phone: +1 514 312 5267
E-mail: support@sugatsune.ca

SUGATSUNE SHANGHAI CO., LTD.
Shanghai, CHINA
Phone: +86 21 3632 1858
E-mail: lamp@sugatsune.com.cn

Guangzhou, CHINA
Phone: +86 20 6639 3554
E-mail: lamp@sugatsune.com.cn

SUGATSUNE KOREA CO., LTD.
Incheon, KOREA
Phone: +82 32 220 0603
E-mail: sales@sugatsune-korea.co.kr

SUGATSUNE KOGYO INDIA PRIVATE LIMITED
Mumbai, INDIA
Phone: +91 9867299597
E-mail: sales@sugatsune.in

Delhi, INDIA
Phone: +91 9867299597
+91 11 45093636
E-mail: sales@sugatsune.in