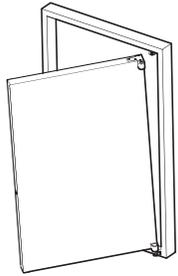


Assembly Instruction of Pivot Hinge for Wood Door PH-01



Notice

Please read all instruction carefully for proper installation.

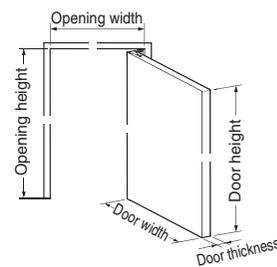
CAUTION

- Wrong installation may cause unexpected injuries during use as well as installation work. Observe instructions and cautions in this manual.
- The installation work must be done by persons always including a technician who has knowledge and experience of the work.

Applicable wood door

Door height	2300 mm or less Door height = Opening height - 15 (when the clearance above the door is 6 mm, and the clearance under the door is 9 mm.)
Door thickness	33 mm to 42 mm
Door width	850 mm or less Door width = Opening width - 11 (when the hinge clearance is 7 mm, and the clearance in the door end is 4 mm.)
Door weight	35 kg or less

Ex.) When the opening width is 900 mm and the opening height is 2100 mm, size of applicable wood door is as shown below.
Door width = 900-11 = 889 mm Door height = 2100-15 = 2085 mm



Parts description

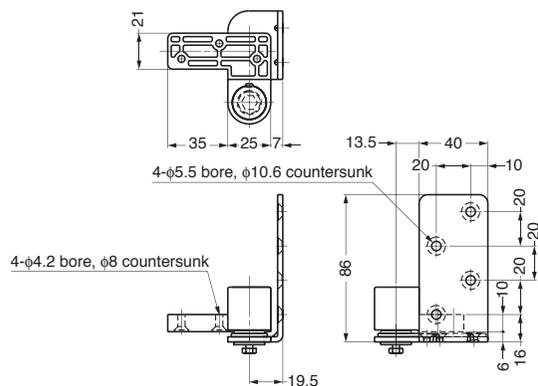
- ① Pivot hinge 1 pce. each for upper and lower
- ② Pivot hinge acceptor 1 pce. each for upper and lower
- ③ Hinge cap 2 pcs.
- ④ Cross-recessed self-tapping screw (4×30) ... 14 pcs.
- ⑤ Hexagon bolt (M4×12) 1 pce.
- ⑥ Flat washer (Nominal: 6) 1 pce.



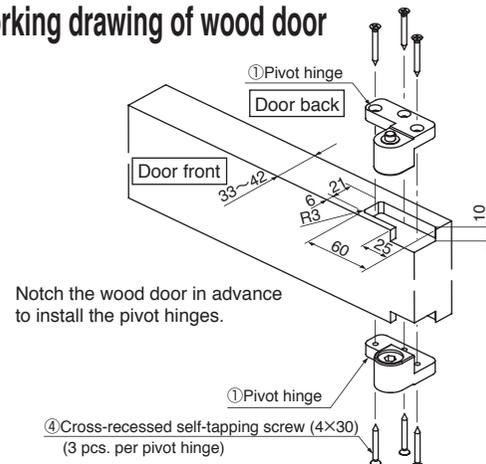
Tools required

- Phillips screwdriver
- Flatblade screwdriver
- Allen key wrench (Nominal: 3, 8)

Dimensional drawing



Working drawing of wood door



For Overseas Customers
SUGATSUNE KOGYO CO., LTD.
 1-8-11 HigashiKanda, Chiyoda-ku,
 Tokyo 101-8633, Japan
 TEL:+81-3-3866-2260 FAX:+81-3-3866-4447
 http://www.sugatsune.co.jp
 E-mail : export@sugatsune.co.jp
 ISO9001(JSAQ384) ISO14001(JSAE597) CERTIFICATE.

For North American Customers
SUGATSUNE AMERICA, INC.
 221 East Selandia Lane,
 Carson, CA 90746, U.S.A.
 TEL:+1-310-329-6373 FAX:+1-310-329-0819
 TOLL FREE:(800) 562-5267 (from U.S.A & Canada only)
 http://www.sugatsune.com
 E-mail : sales@sugatsune.com

Assembly procedures

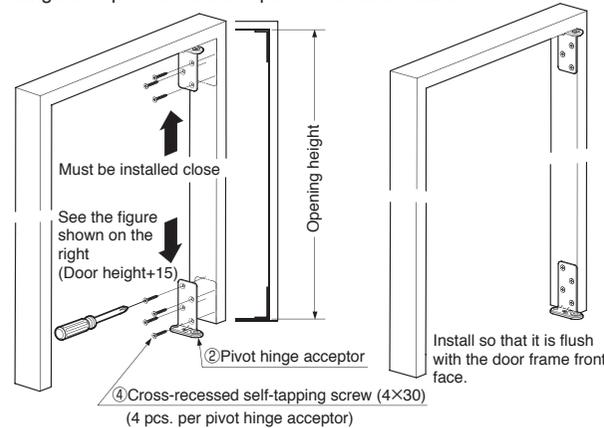
* The figures shown below are applicable to the right-side-opening type door. For the left-side-opening type door, reverse vertically.

CAUTION

- Securely tighten the screws. Otherwise, the door may suddenly come off.

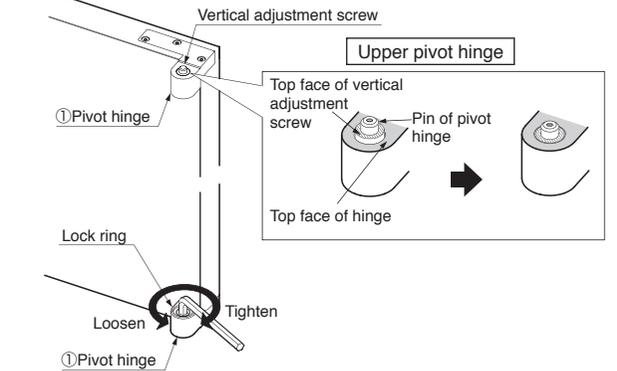
1 Installing pivot hinge acceptor to door frame

See the figures shown below. Install the ② pivot hinge acceptor to the upper part of the door frame at first. Then, install the ② pivot hinge acceptor to the lower part of the door frame.



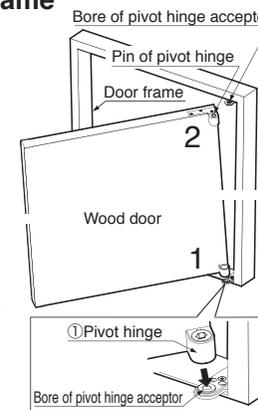
2 Adjusting pivot hinge pin height

Turn the lock rings of the ① pivot hinges located at the upper and lower parts of the door with an Allen key wrench (Nominal: 8) so that the top face of the vertical adjustment screw top face is flush with the top face of the pivot hinge.



3 Fitting door to door frame

1. Insert the pin of the ① pivot hinge located at the lower part of the door into the bore of the ② pivot hinge acceptor at the lower part of the door frame.

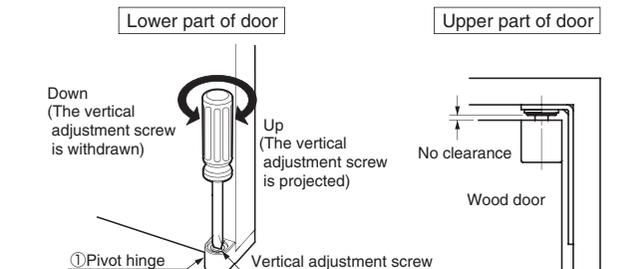


2. Lead the pin of the pivot hinge located at the upper part of the door to the bore of the pivot hinge acceptor at the upper part of the door frame, pushing the pin of the pivot hinge with your fingers, and release your fingers to set it in.

* After fitting the door, pull it, and make sure that the door does not come off.

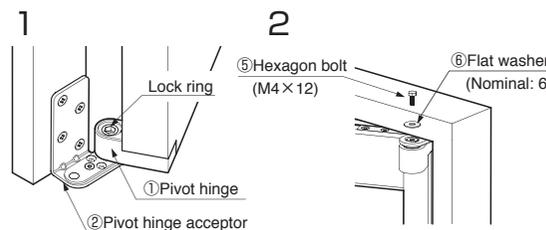
4 Adjusting vertical positions of door

Turn the vertical adjustment screw of the ① pivot hinge located at the lower part of the door with a flatblade screwdriver until no clearance is left between the pivot hinge located at the upper part of the door and the ② pivot hinge acceptor at the upper part of the door frame.



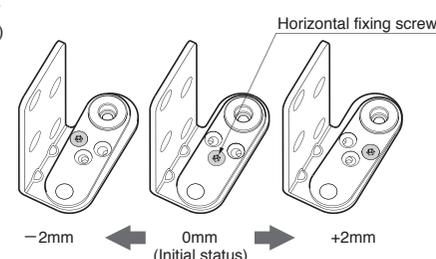
5 Fixing door to door frame

1. Securely tighten the lock rings of the ① pivot hinges located at the upper and lower parts of the door with an Allen key wrench (Nominal: 8).
2. Fit the locking ⑥ flat washer and the ⑤ hexagon bolt through the ② pivot hinge acceptor at the upper part of the door and the pivot hinge.



6 Adjusting horizontal positions of door (only when it is necessary)

1. Remove the horizontal fixing screws from the ② pivot hinge acceptors located at the upper and lower parts of the door frame with an Allen key wrench (Nominal: 3).
2. Among three adjustment bores on a pivot hinge acceptor (-2 mm, 0 mm, 2 mm), select a bore, and fix the removed horizontal fixing screw with an Allen key wrench (Nominal: 3).



7 Setting hinge cap

Push the ③ hinge caps into the ① pivot hinges located at the upper and lower parts of the door.

