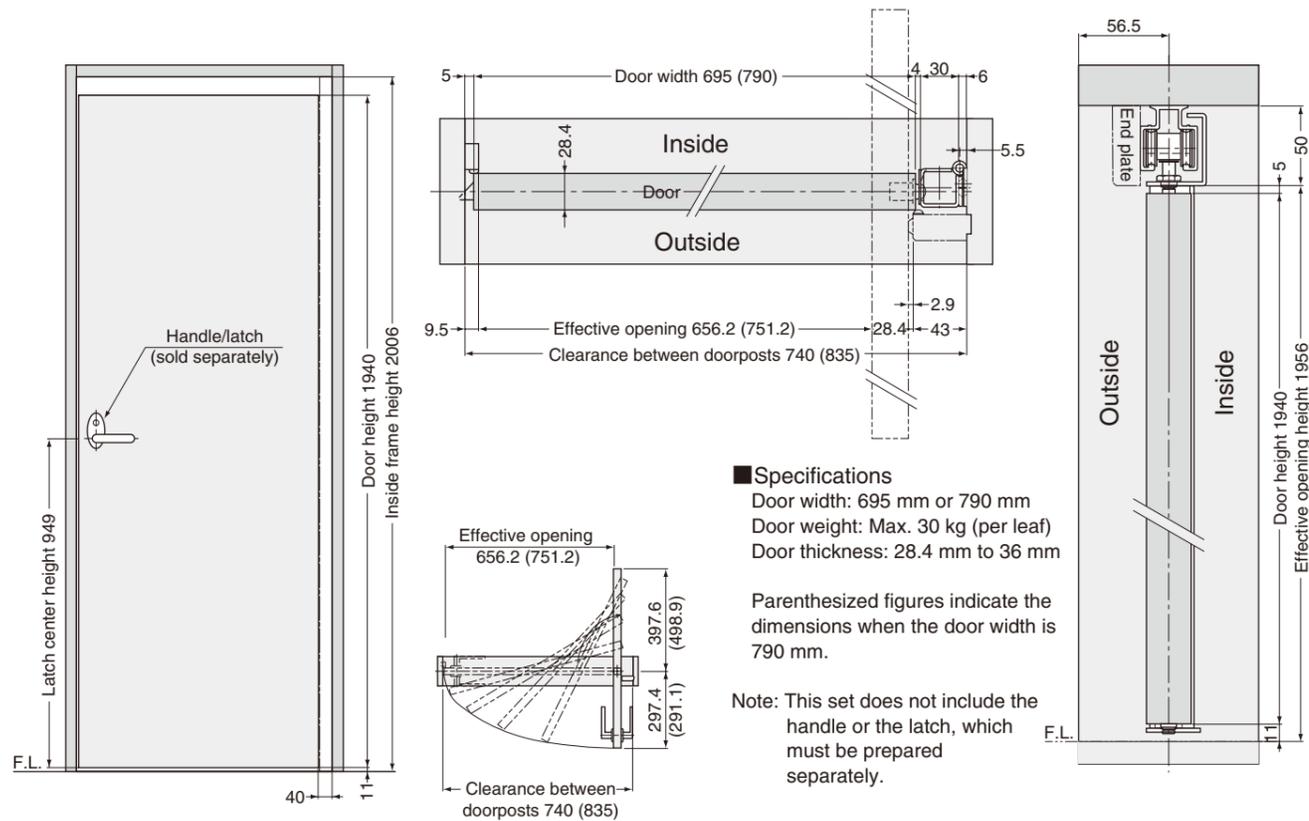
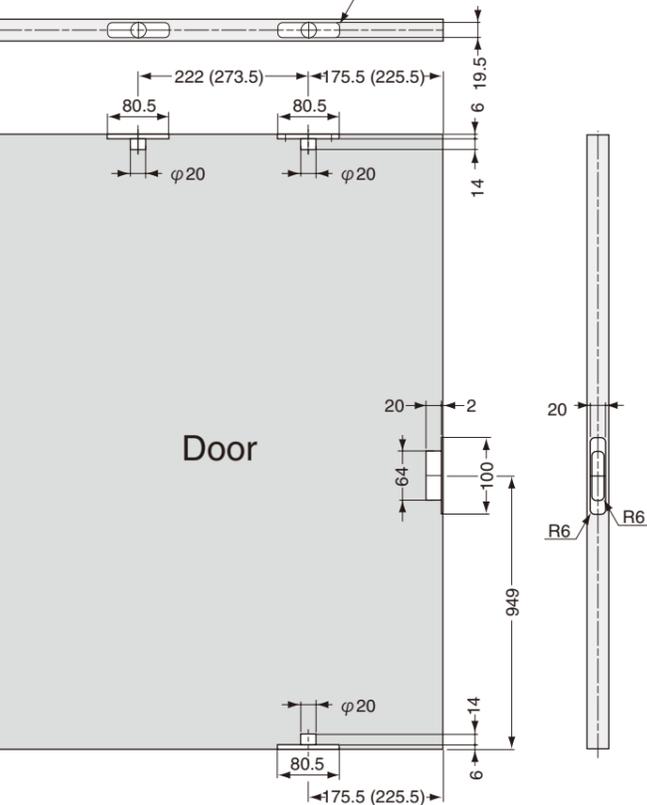


Door Installation dimensions (The figures are for right-opening doors; left-opening doors comes symmetrically.)



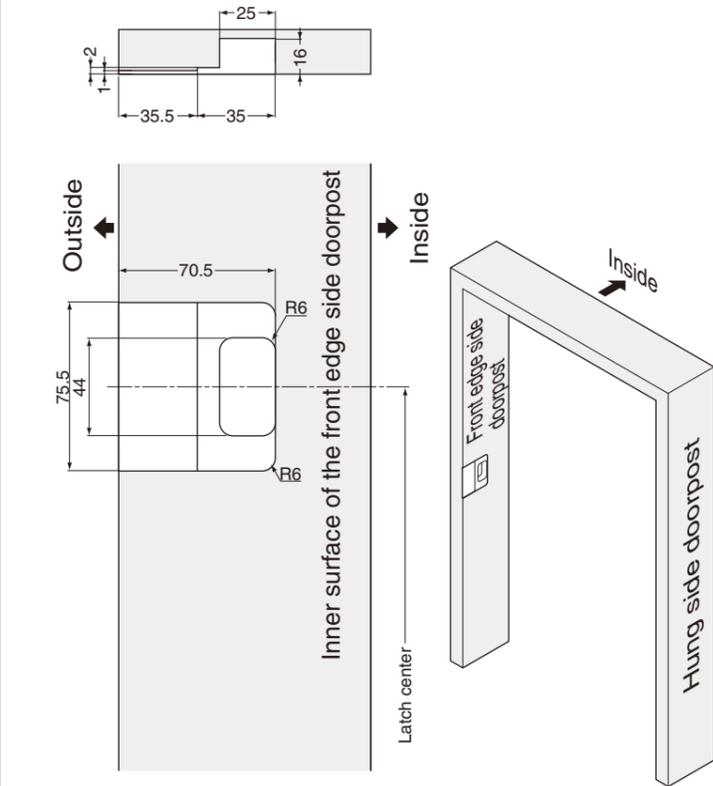
Work dimensions and mounting position (The figures are for right-opening doors; left-opening doors comes symmetrically.)

Note: Parenthesized figures indicate the dimensions when the door width is 790 mm. The product requires to be processed accurately. If processed inaccurately, it may not be able to move as specified.



Work dimensions for strike plate

This processing shall be done at specified location on the inner surface of the front edge side doorpost.



Rolling Door SKD Type Installation Manual

For safe and correct operation of this product, read this manual carefully and follow the directions given in it to correctly install it. After the product is installed, hand this manual over to the user, who should keep it for later consultation.

WARNING This mark is indicated to call attention when there is a danger of death or severe injury due to damaged product if safety precautions are ignored.

CAUTION This mark is indicated to call attention when it is probable that you fail to correctly assemble the product as well as there is a danger of an accident resulting in injury or physical damages if safety precautions are ignored.

Precautions for work

CAUTION

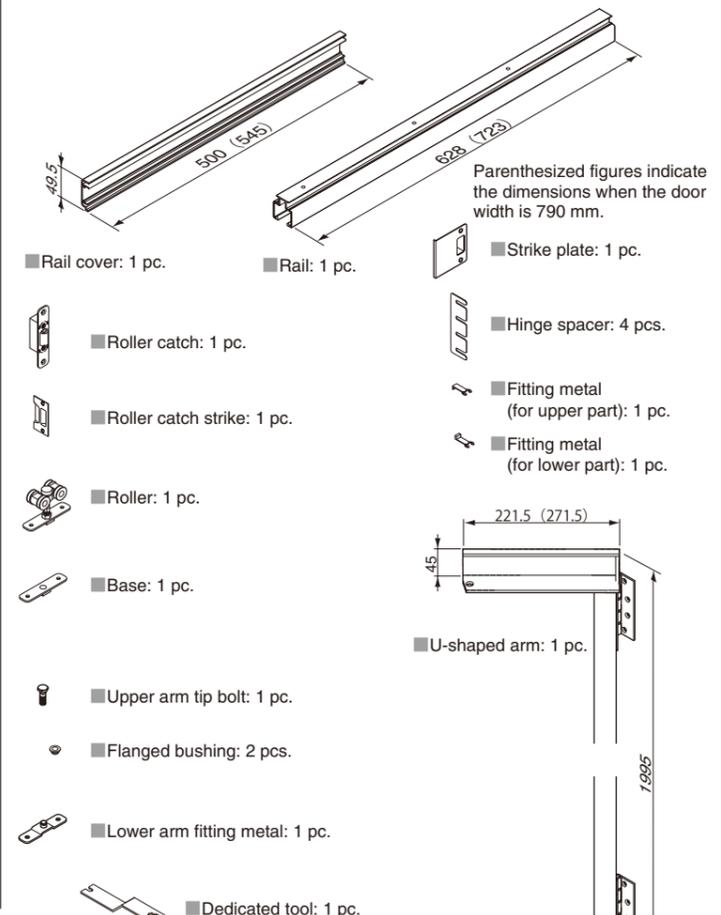
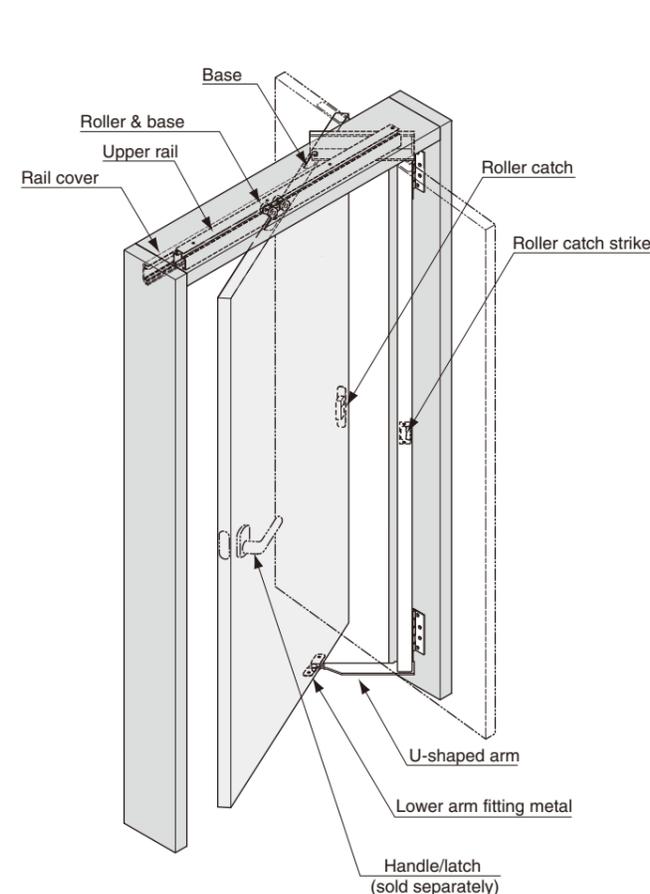
- Be sure to keep specified dimensions, specifications, and levelness or perpendicularity of each part. Be careful that warping or inclination of frame or door may cause a failure or have an influence on the movement.
- This product is dedicated to residential indoor use.
- Because the hinges cannot be adjusted after execution of works, the frames must surely be adjusted in advance.
- Be sure to **use a manual screwdriver** to install each part.

Precautions for use

CAUTION

- The door requires to slowly be opened or closed. If violently opened or closed, the door may be damaged or come out of the rail to drop.
- Do not bump or lean against the door. Otherwise, the door may be damaged or come out of the rail to drop.
- Correctly hold the knob to operate the door so that you won't catch your finger in the closing door. Be especially carefully when there is a young child.
- Do not put a stove or other heat source near the door. Otherwise, the door may be warped, failing to move as specified.

Components



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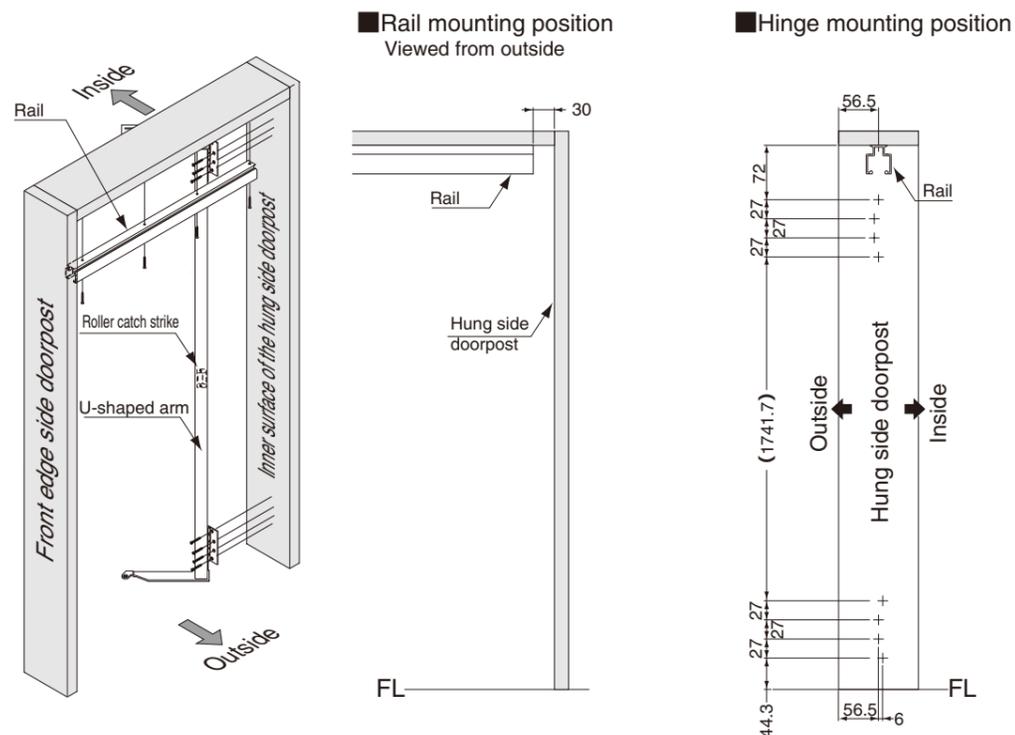
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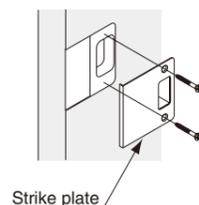
Mounting on the door frame (The figures are for right-opening doors; left-opening doors comes symmetrically.)

- At specified location on the door frame, mount the rail by 4 pieces of 4.8x25 cross-recessed pan head wooden screw. In doing so, keep a gap of 30 mm between the rail end and the inner surface of the hung side doorpost.
- Mount the hinges of U-shaped arm at specified locations on the inner surface of the hung side doorpost.



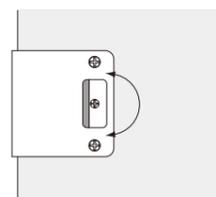
Mounting the strike plate

- Fix the strike plate onto the processed part on the inner surface of the front edge side doorpost by 2 pieces of 3.5x20 cross-recessed countersunk head wooden screw.



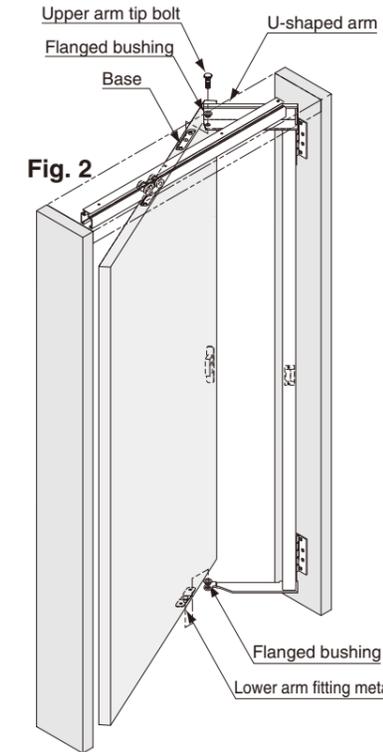
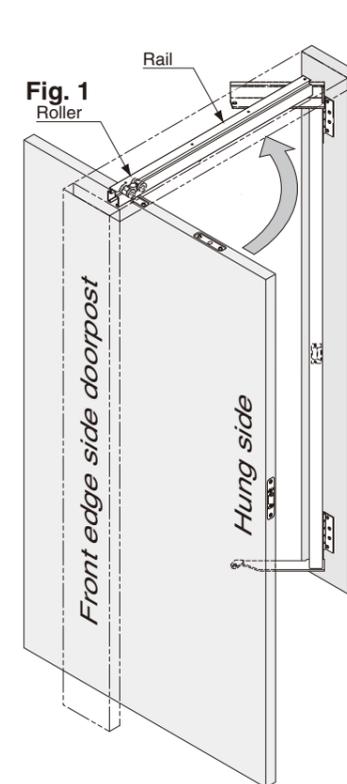
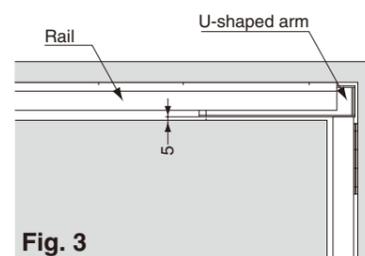
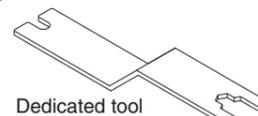
Adjusting the strike

- A screw for adjusting the allowance of latch engagement is provided at the concave portion of the strike plate. Turning this screw clockwise moves the strike plate rightward. Turning this screw counterclockwise moves it leftward.



Procedure 1. Hanging the door panel

- With the door slightly inclined, insert the roller from the processed part of the rail on the door front edge side. (See Fig. 1.)
- Fit the flanged bushing in each of the upper and lower holes of the U-shaped arm. (See Fig. 2.)
- Turn the door around the shaft of the roller, and put the shaft of lower arm fitting metal in the hole of the U-shaped arm.
- With the base hole of the door aligned with the upper hole of U-shaped arm, tighten the upper arm tip bolt with the dedicated tool. The gap between the lower face of the upper arm and the top face of the door shall be set to be 5 mm. (See Fig. 3.)
- Move the door to see that it can smoothly be opened and closed. Also check for abnormal sound resulted from rubbing or abnormal movement.



Procedure 2. Adjusting each part

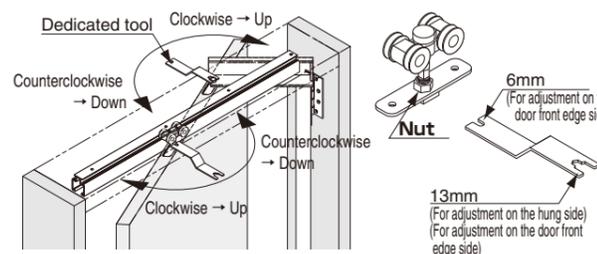
Door height and inclination adjustment

Inclination and mounting height of the door are adjusted with the dedicated tool.

[Door height adjustment] (Adjustable range: ± 3 mm)

- To adjust the mounting height on the door front edge side, the nut mounted on the roller shaft is loosened with the dedicated tool (13 mm), and then the 6 mm side of the tool is used for adjustment. The door is raised when the dedicated tool is turned clockwise; it is lowered when the tool is turned counterclockwise.
- To adjust the mounting height on the hung side, the dedicated tool (13 mm) is used. The door is raised when the dedicated tool is turned clockwise; it is lowered when the tool is turned counterclockwise.

Note: Make sure that the door is hung parallel to the rail and that the roller or the upper arm tip bolt is not lifted.



Adjusting the roller catch

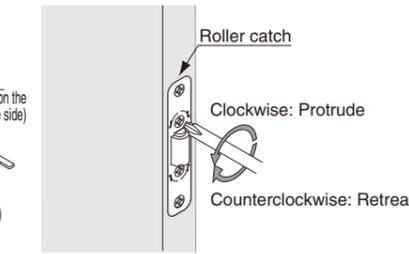
Door closing condition (operating hardness of roller catch) can be adjusted with the screws provided above and below the roller catch.

[When the roller catch is hard to work]

Turn the adjusting screw counterclockwise to make the roller retreat, and the roller catch will more lightly work when the door is closed.

[When the door catch works too lightly and the door returns]

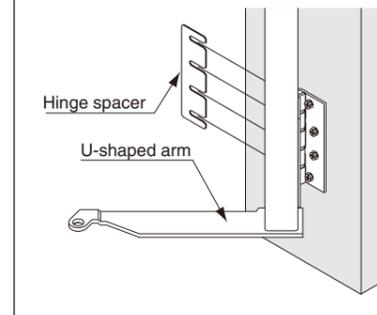
Turn the adjusting screw clockwise to make the roller protrude, and the catch will be harder to work when the door is closed.



Adjusting the gap between doorpost and door front edge

Adjust the gap as needed, using the hinge spacer.

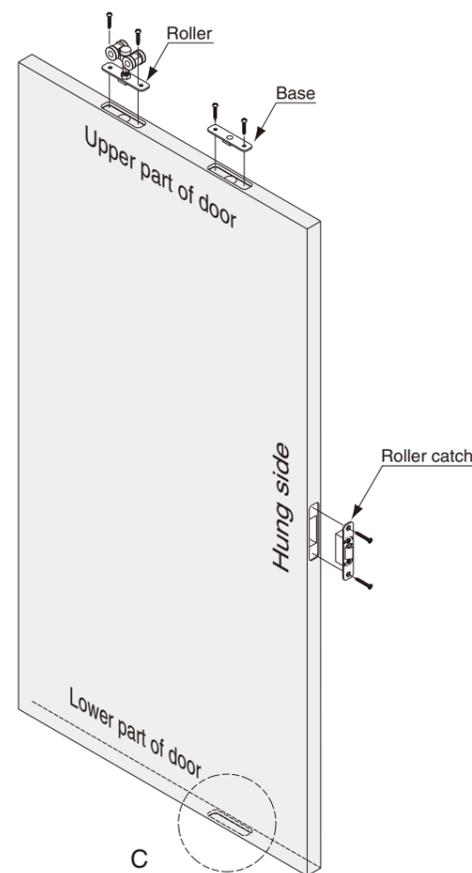
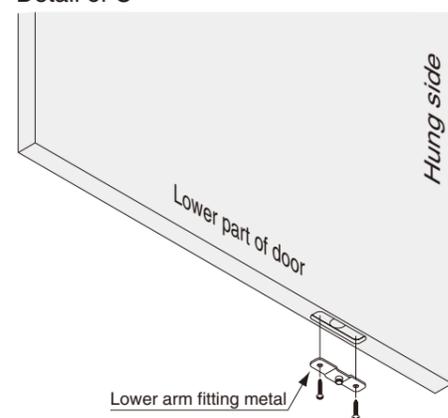
- Remove the door by operating reversely to Procedure 1.
- Loosen screws of the upper and lower hinges that fix the U-shaped arm to the doorpost. (See the figure shown below).
- Insert the hinge spacer(s) in between the hinge and the doorpost. Thickness of the spacer is 1 mm. Adjustment up to +2 mm is possible with the spacers.



Mounting on the door

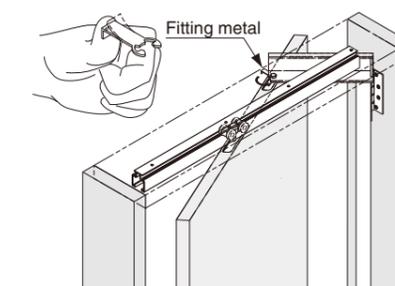
- Fix the roller and the base onto the processed part on the door top by 4 pieces of 4.8x25 cross-recessed pan head wooden screw.
- Fix the lower arm fitting metal onto the processed part on the door bottom by 2 pieces of 4.8x25 cross-recessed pan head wooden screw.
- Mount the roller catch on the processed part on the hung side door edge by 2 pieces of 3.8x20 cross-recessed countersunk head wooden screw.

Detail of C

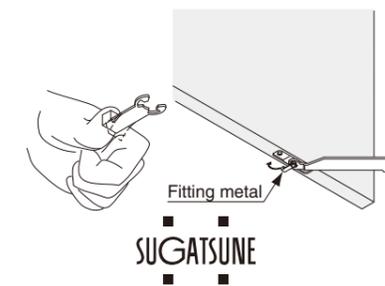


Procedure 3. Mounting arm fitting metal and rail cover

- With the arm fitting metal oriented as shown in the figure below, push it till it is surely fit in the shaft groove of the tip bolt.
- After fitting, push the flange part up by a finger to let it in the processed hole.



- With the arm fitting metal oriented as shown in the figure below, push it till it is surely fit in the shaft groove of the fitting metal mounted on the lower arm.
- After fitting, push the flange part down by a finger to let it in the processed hole.



- Mount rail cover on the rail such that there is no gap between the rail cover and the doorpost on the door front edge side.

