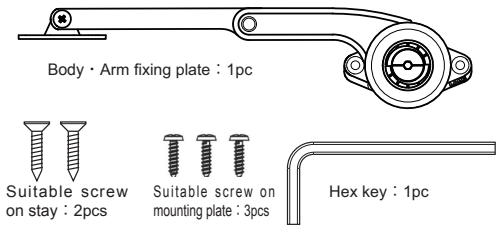


# LAMP® ONE WAY TORQUE STAY S-TAR INSTALLATION INSTRUCTION

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.

## COMPONENT PART



## About the product

- This is a one-way type torque stay which allows smooth operation by preventing the generation of unnecessary torque when lifting the door.

## Check the following graph for possible installation positions.

- This product is designed to operate at room temperatures between 0°C to 40°C (32F-104F).

## In order to use the product in a safe way

### CAUTION If not followed, injury or damage may result.

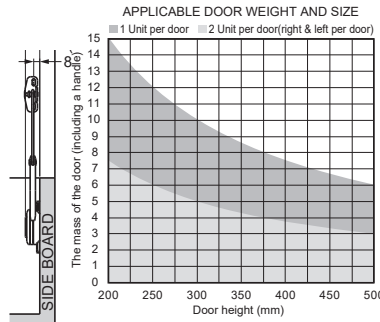
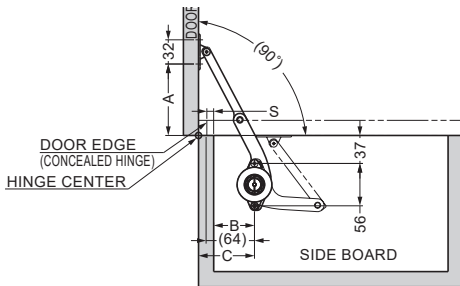
- Follow the specified dimensions, specifications, and alignment of the cabinet.
- For the use of a downward opening door, be sure to use a support for the door at the opened position.
- Torque should be adjusted at the room temperature to be used, since the torque varies according to the temperature.
- If the torque decreases, readjust it. However do not exceed the limit. See the section of "Torque adjustment".
- When using several stays on a door, be sure to make the torque adjustment amount even. If not, it may affect the performance and lifetime of the product.
- Do not use excessive force with the door. It may cause damage.
- 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).

## Model

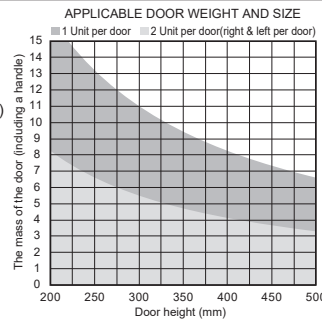
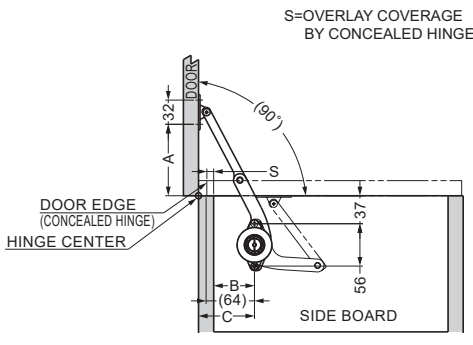
Code No	Item No.	Application	Position
180-028-990	S-TAR-2030L	Upward Opening Flap / Top Opening Flap	Left
180-028-991	S-TAR-2030R		Right
180-028-992	S-TAR-10L	Downward Opening Flap	Left
180-028-993	S-TAR-10R		Right

## LOCATION TO BE MOUNTED (90° OPENING)

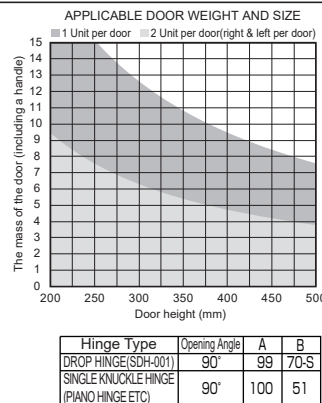
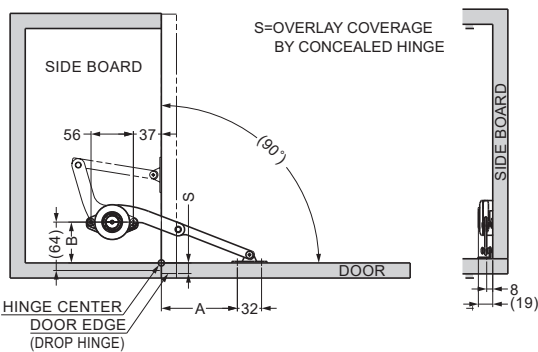
### Upward Opening Door



### Top Opening Door



### Downward Opening Door

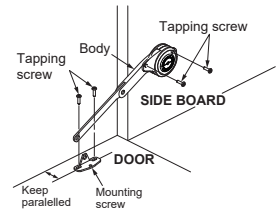


## INSTALLATION PROCEDURE & TORQUE ADJUSTMENT

### STEP-1

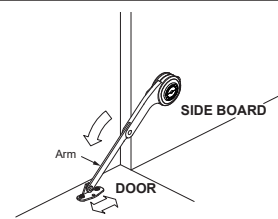
Refer to the drawing, mount the body to the side board, then mount the mounting plate temporarily to the door.

⚠ Fasten the body screws firmly. Being loose will cause damage.



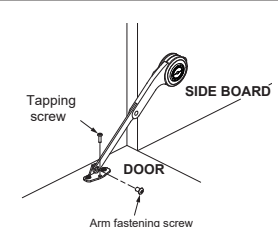
### STEP-2

Move the arm until its round hole is aligned with the hole of the mounting plate, then adjust the position of the mounting plate so that the door is horizontal.



### STEP-3

Fasten the mounting plate using the round hole.



## TORQUE ADJUSTMENT

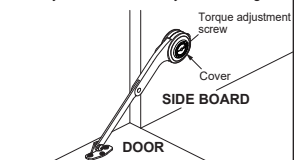
While holding the cover, turn the adjustment screw with a hex key. (See the right figure.)

Weaker (⊙) Stronger  
⚠ Do not try to turn the adjustment screw beyond the limit. It may cause damage.

When using two stays, turn the two screws by approximately same amount.

● When strengthening, the upper limit has been reached when the screw can no longer be turned.

● When weakening, the cover will come off if you loosen the screw too much.



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