

# LAMP® FD30-F FOLDING DOOR SYSTEM

## Installation Manual (Additional Door)

Part No.FD30FPS

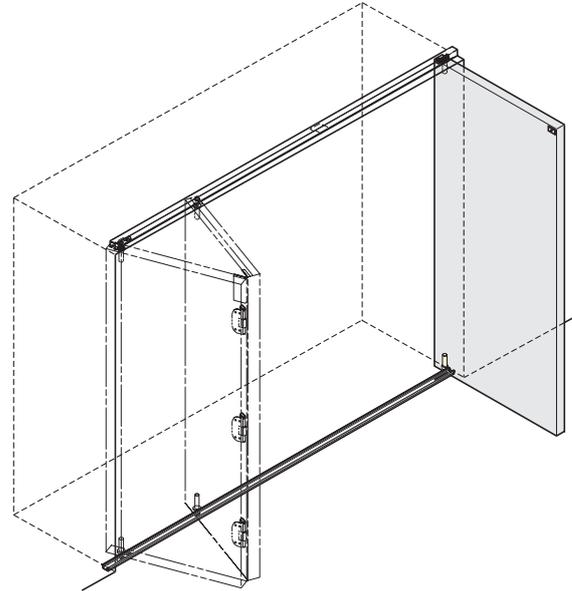
Thank you for selecting our product. Before starting installation, please read this manual thoroughly to ensure correct installation. Please keep this manual at hand for future reference.

### ABOUT THE PRODUCT

- This product is parts set for pivot door system for indoor use.
- Easy door installation and adjustment.

### SPECIFICATION

Max.Door width	450 mm
Max.Door height	2400 mm
Min.Door thickness	28 mm
Max.Door weight	15 kg / door
Height adjustable range	+3 mm



Above illustration shows the combination example of folding door FD30-FAP(Pivoted folding).

### FOR YOUR SAFE WORK AND CORRECT INSTALLATION

#### Meaning of symbols



#### **WARNING: If these warnings are not followed, it may result in death or serious injury.**

- ❗ This (folding door system) should be installed by an experienced person who has correct knowledge. If the system is not installed correctly, the door will not operate smoothly, and or may cause injury.
- ❗ It is necessary to manufacture the frame with sufficient strength so it endures the weight of the door and impact shocks upon opening/closing the door. A frame with poor strength might result in improper and slower movement of the door. In the worst case, the door might drop down and cause injury.
- ⊘ Do not try to use this product for any other purposes other than originally intended for. Do not use the parts for applications that are out of specification.
- ⊘ Do not disassemble nor modify any parts than those described in this document.

#### **Caution: If these cautions are not followed, it may result in injury or damage.**

- ❗ Make sure to follow the designated measurements and specifications as well as horizontal and verticals angles. Make sure that the frame is not warped, since it may affect the movement of the door.
- ❗ If cutting any parts, make sure to remove any burr before installation. Also check the upper track for any left-over burr or scrap and remove these.
- ❗ This folding door system is a part for furniture fittings. After installation, make sure to test the finished product thoroughly to ensure that it is well-functioning and safe.
- ❗ Make sure to test the screws for slack at regular intervals (one month from first usage, half year and then one time every year is recommended).
- ⊘ Do not open / close the door with excessive force as this may result in damage.

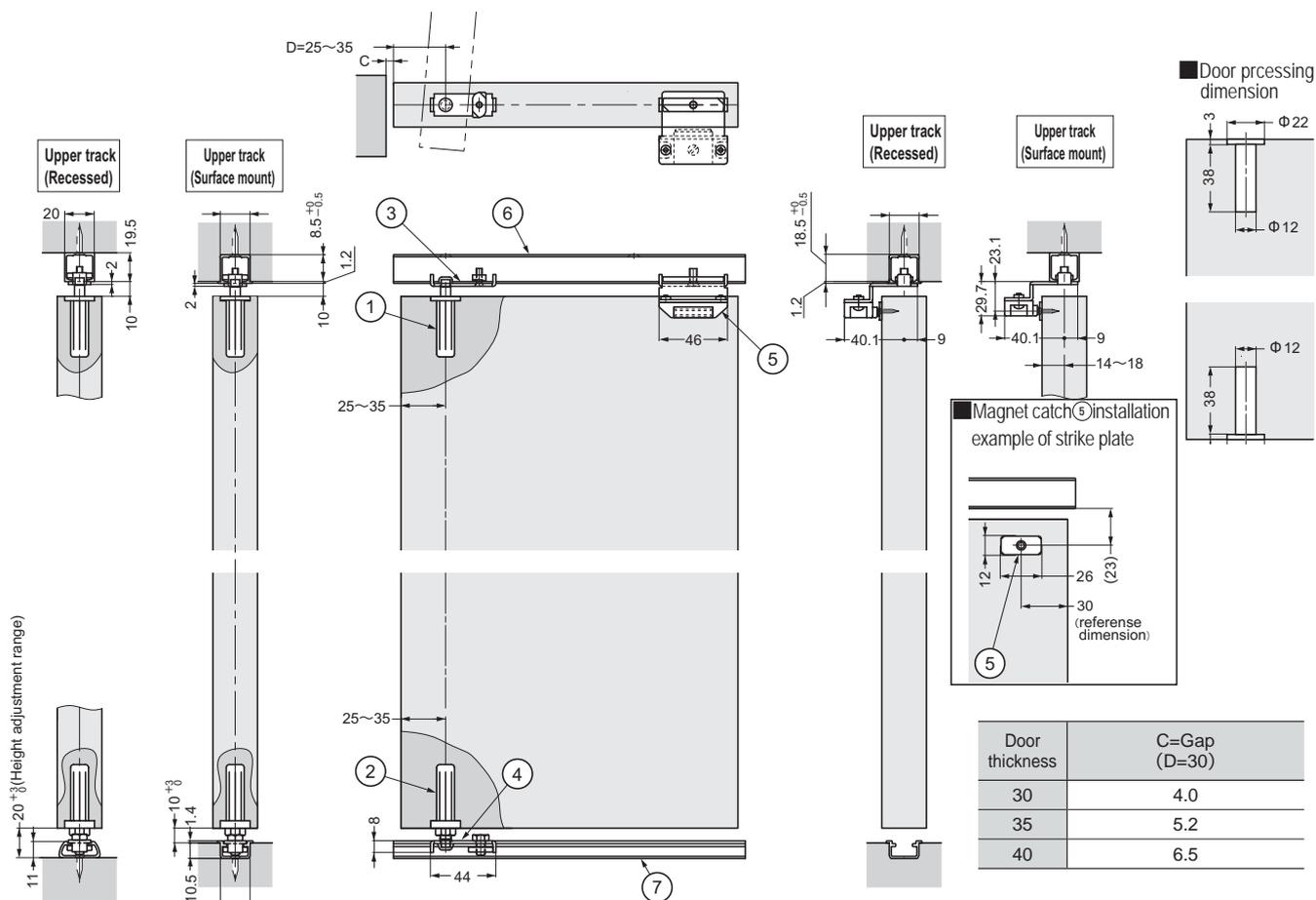
# COMPONENT PARTS

No.	①	②	③	④	⑤
Name	Top pivot	Bottom pivot	Pivot bracket (top)	Pivot bracket (bottom)	Magnet catch
Item No.	FD30-FTP	FD30-FBP	FD30-FSKU	FD30-FSK	FD30-FMC
Item					
Attached screw	—	—	—	—	Countersunk head wood screw 2.4x13
	1	1	1	1	1

No.	⑥		⑦	
Name	Upper track (surface mount)	Upper track (recessed mount)	Guide track (surface mount)	Guide track (recessed mount)
Item No.	FD30-TRM	FD30-TRH	FD30-FBRM	FD30-FBRH
Item				
Attached screw	Recommended screw: countersunk head tapping screw 3.5x20		Recommended screw: countersunk head tapping screw 3.5x16	
	Use 1 (surface mount or recessed)		Use 1 (surface mount or recessed)	

## INSTALLATION DRAWING (EXAMPLE)

Door opening (when 40 mm door thickness, 450 mm door width)

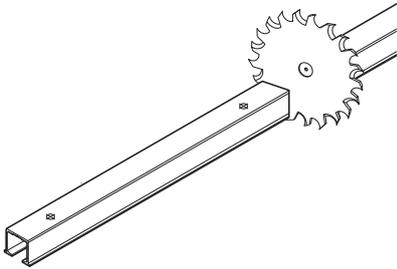


# ASSEMBLY

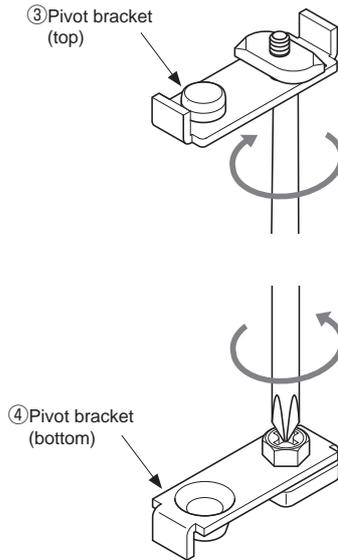
## 1 Cutting Track

Cut the track applying a reinforcer to prevent deformation of cut section.

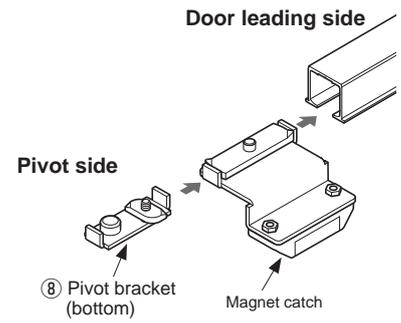
**Caution**  
Remove any dirt or chips from the tracks.



## 2 Preparing Pivot Brackets

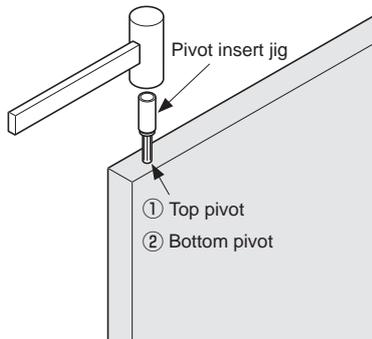


## 3 Assembly of Upper Track

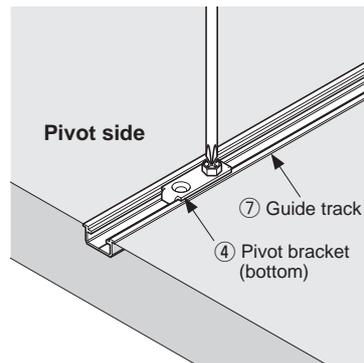


## 4 Assembling Parts on Door

**Caution**  
Be careful not to damage the plastic part of pivots.

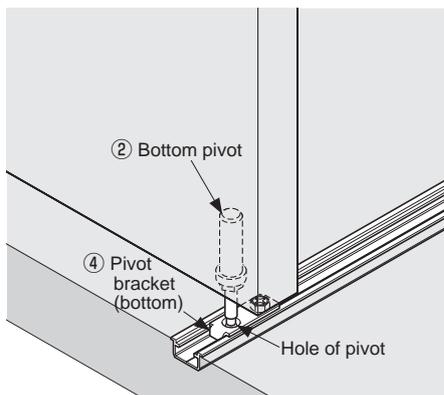


## 5 Installing Pivot Bracket (bottom)

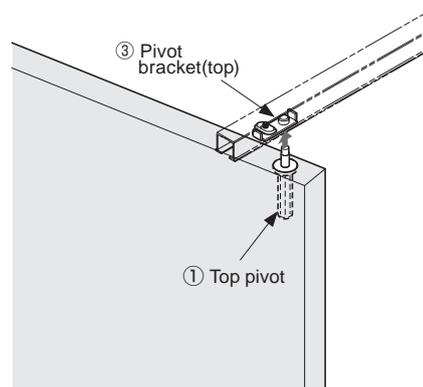


## 6 Installing Door

### [1] Bottom



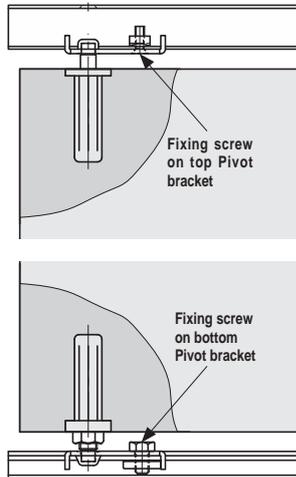
### [2] Top



## 7 Door Adjustment

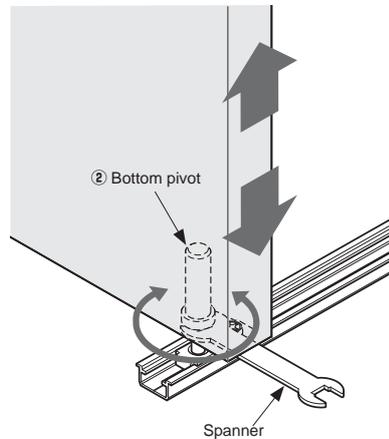
### [1] Adjusting inclination of door

Loosen the screws on pivot brackets (top/bottom) to make the door vertical. Then retighten the screws.



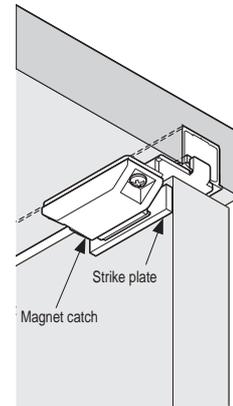
### [2] Vertical adjustment

Turn the nut on bottom pivot with spanner.



### [3] Magnet catch

Adjust the position of magnet catch, then fix it with screw. Close the door and adjust the position of strike plate. Then fix it.



**Final confirmation**...Confirm that all screws are securely tightened. And, confirm that all screws are used without mistake.

#### PERIODICAL INSPECTION

- Clean inside of track.
- Check upper space and lower space of the door. If necessary, correct the space.

## ■ TROUBLESHOOTING

Trouble	Check	Solution
Abnormal noise during operation	Check if door touches adjacent parts.	Provide necessary space between door and adjacent objects.
	Check inside of upper track for foreign matter or aluminum dust.	Remove dust or foreign matter.
	Check upper upper track rollers for aluminum dust.	Remove the track and pull out the roller. Then, clean the roller.
	Check for loose screws retaining the upper track.	Tighten the screw.
Heavy door operation	Door bottom touches the floor.	Confirm that screws on the tracks are not loosened. And, adjust door height. Adjust the clearance between door bottom and floor to 10mm. (20mm : Surface mount type guide track)
	Check if door touches adjacent parts.	Correct door position to avoid contact to other objects. Adjust position of lower guide or stopper.
	Check if door is warped.	Use the door without warp.
Door starts to move.	Check if the upper track is set horizontally.	Using a level gauge, reset upper track horizontally.

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