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MonoFlat LIN-X hinge ®

MonoFlat LIN-X600 Instruction Manual   PAT.P

Thank you for purchasing this MonoFlat LIN-X hinge by SUGATSUNE. Before proceeding with the installation, please read this instruction manual carefully for the best possible result and ensure your safety.
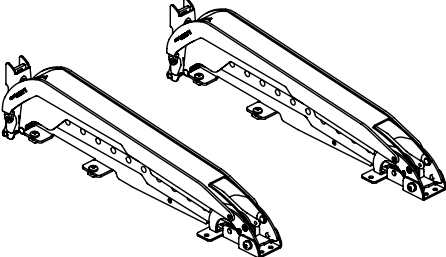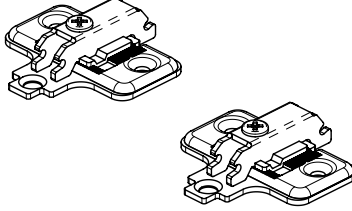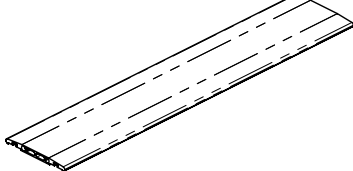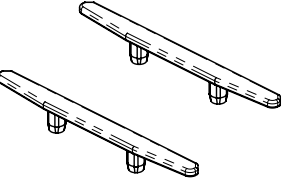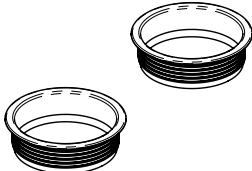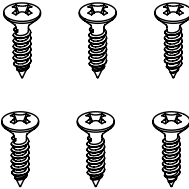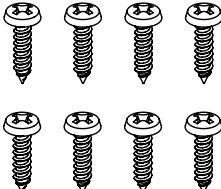

⚠ WARNING

- Failure to observe the following precautions may result in injury and/or lead to damage to surrounding cabinets or fittings.
- Choose suitable screws to ensure of proper installation of the cabinet and door.
- Ensure that door size, weight and material correspond to the specifications stated in this manual.
- Do not disassemble or modify the system.
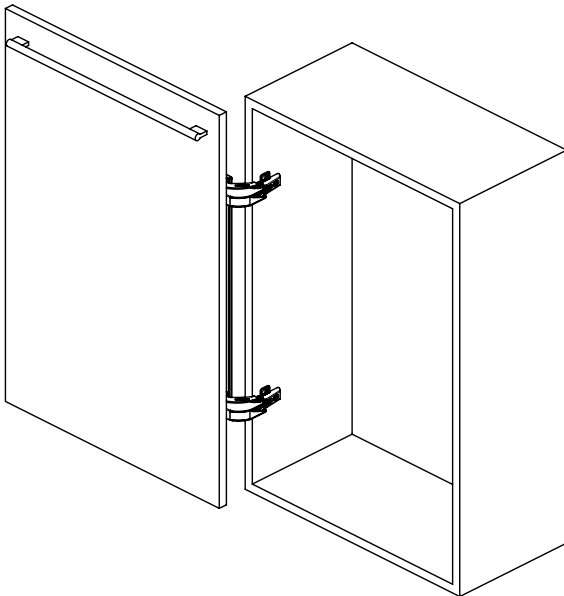
■ Product Specification

Door width	21-5/8" ~ 25-9/16" (550 ~ 650 mm)
Door height	23-5/8" ~ 35-7/16" (600 ~ 900 mm)
Door thickness	9/16" ~ 15/16" (15 ~ 24 mm)
Door weight	MAX 19.8 lbs (9 kg) (per door)

■ Parts List

① LIN-X body ····· 2 pcs.	② Mounting plate ····· 2 pcs.	③ Connecting plate ····· 1 pc.
		L= 21-1/4" (540 mm)

④ Connecting plate cover ····· 2 pcs.	⑤ Cup cover ·····2pcs.	⑥ Countersunk head tapping screw 3.5x15 ····· 6pcs.	⑦ Binding & tapping screw 3.5x15 ····· 8pcs.

- Picture shows the left hand door use. (Right hand door use is symmetrical.) [unit:mm]

230 Hinges mounting plate thickness : 0mm (Standard)

Travel length thickness 2-3/4" (70 mm)

1-11/16" (42.5 mm)

Door edge to side board edge distance 1/16" (0.6 mm)

Overlay distance 3/4" (19 mm)

13-3/8" (340 mm)

3-1/16" (78 mm)

5-11/16" (144.6 mm)

(Travel length : 23" (584 mm))

12-1/4" (311 mm)

1/16" (0.6 mm)

ø1-9/16" (ø40 mm)

Door thickness 9/16"~15/16" (15~24 mm)

11/16" (17.3 mm)

Opening clearance max.2

ø1-3/8" (ø35 mm)
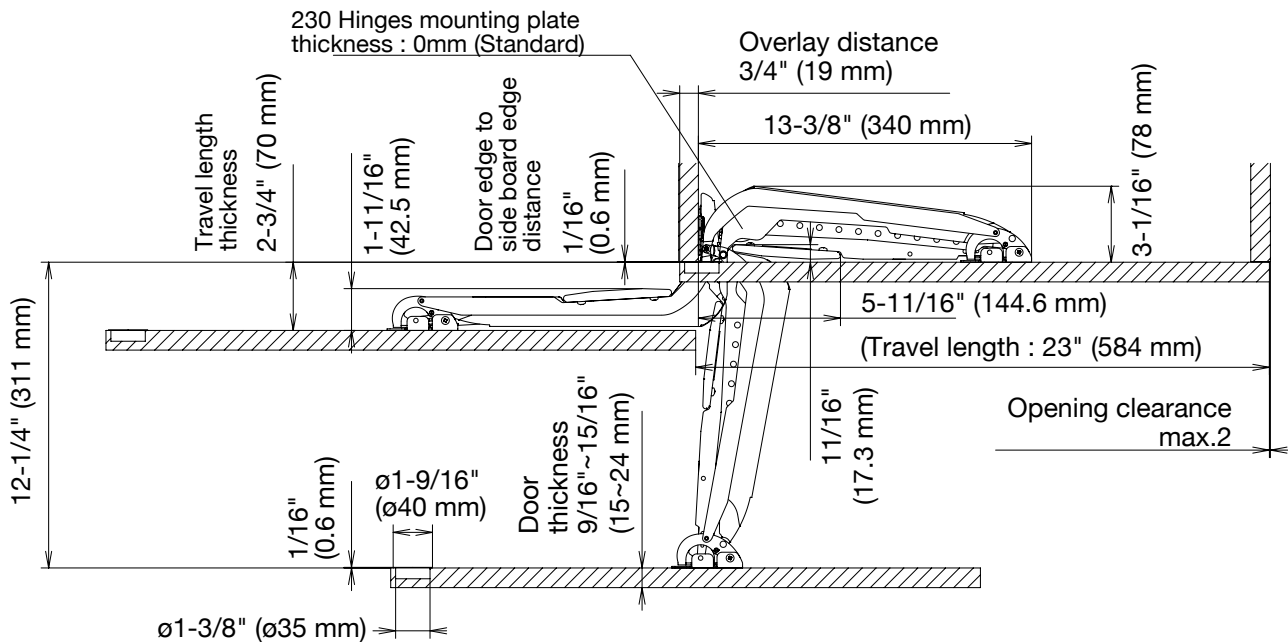
【Installation position for Door】

Pitch between boring and boring 19-5/16" (490 mm)

9-5/8" (245 mm)

9-5/8" (245 mm)

1/2" (12 mm)

1-9/16" (40 mm)

11-5/8" (295 mm)

2-1/4" (58 mm)

7/8" (22.5 mm)

Bore to door
: 1-3/8" (ø35 mm)
: Depth min. 7/16" (11 mm)

Door height 23-5/8" ~ 35-7/16" (600~900 mm)

Door edge to bore distance :5

Door width 21-5/8" ~ 25-9/16" (550~650 mm)
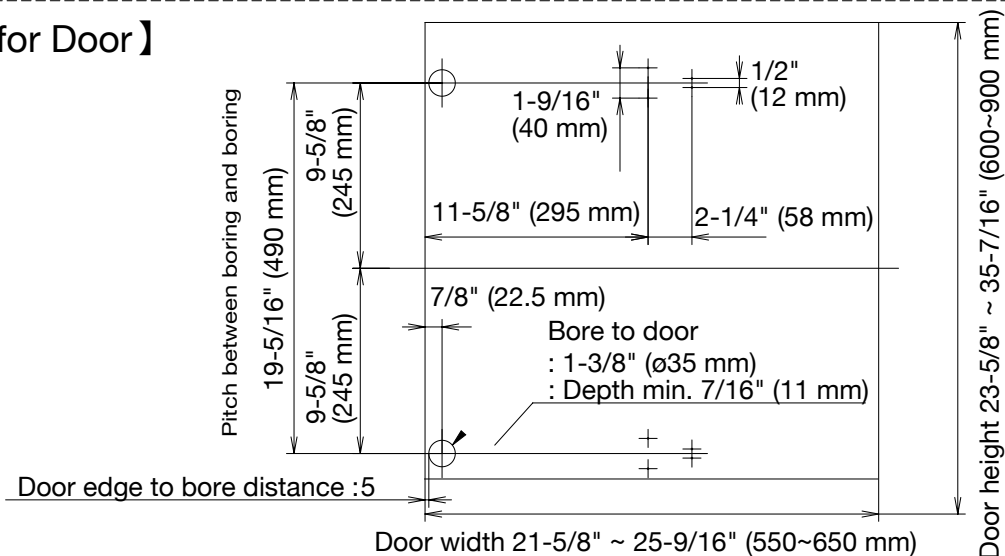
【Installation position of mounting plate for cabinet side board】

(Connecting plate : 21-1/2" (546 mm))

1-5/16" (33 mm)

2" (50 mm)

1/2" (12 mm)

1-1/4" (32 mm)

1-7/16" (37 mm)

9-5/8" (245 mm)

9-5/8" (245 mm)
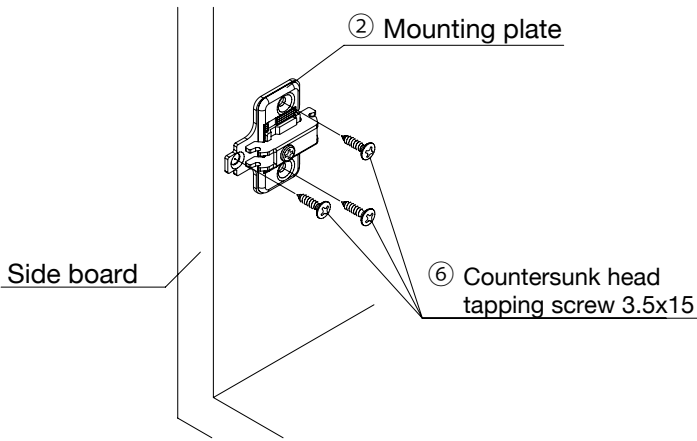
Pitch between boring and boring 19-5/16" (490 mm)
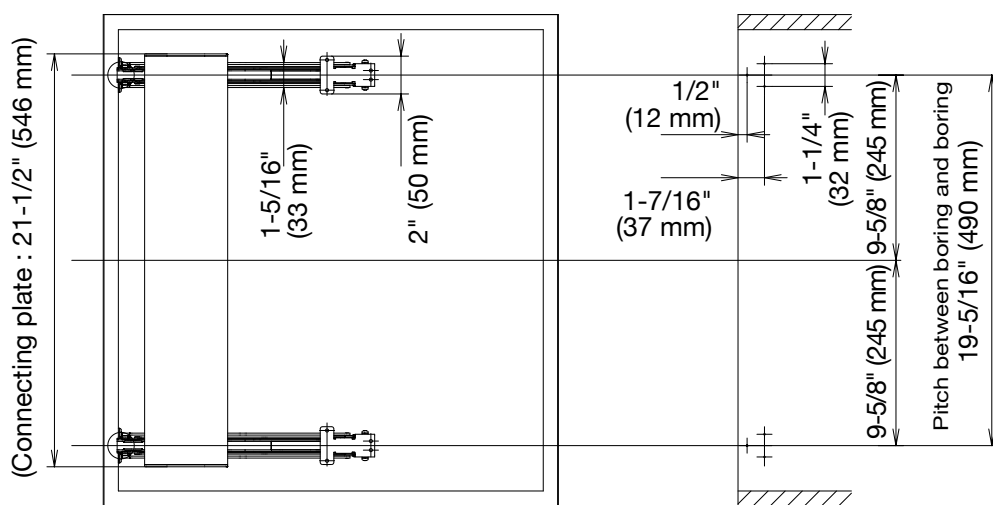
- Side overlay as shown in Fig.1 is:

  19 mm for 230 Hinges mounting plate thickness : 0 mm (Standard)
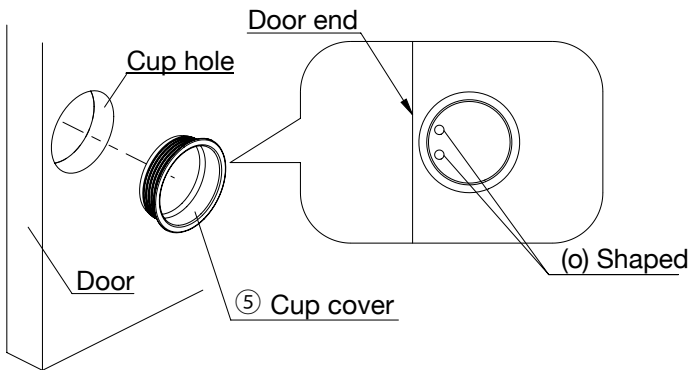 14 mm for 230 Hinges mounting plate thickness : 5 mm

Fig.1

Side board

Door

Overlay distance

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2
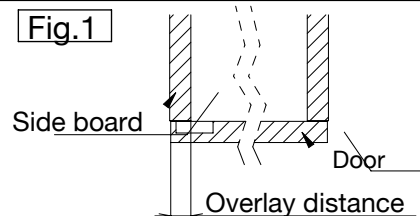
■ Installation

1 Mounting plate installation:

② Mounting plate

Side board

⑥ Countersunk head tapping screw 3.5x15

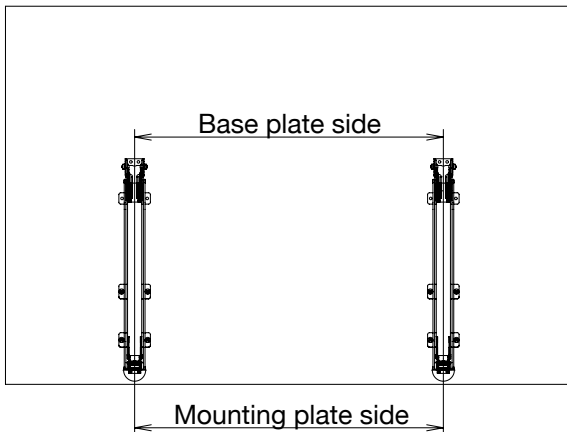## 2 Cup cover installation:

Door end

Cup hole

Door

Cup hole

⑤ Cup cover

(o) Shaped

⚠ Ensure that the two (o) are pointing toward the edge of the door.

3 LIN-X body installation:

Door

① LIN-X body

Base plate

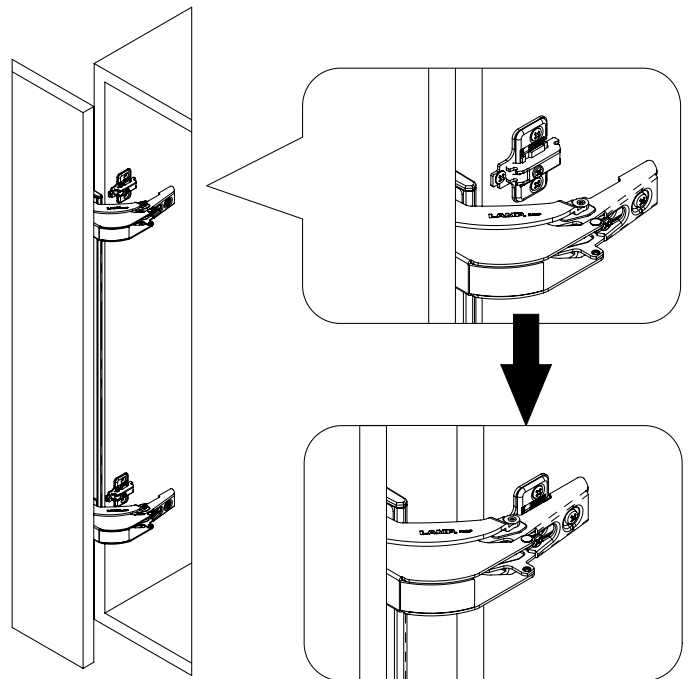⑦ Binding & tapping screw 3.5×15

Base plate side

Mounting plate side
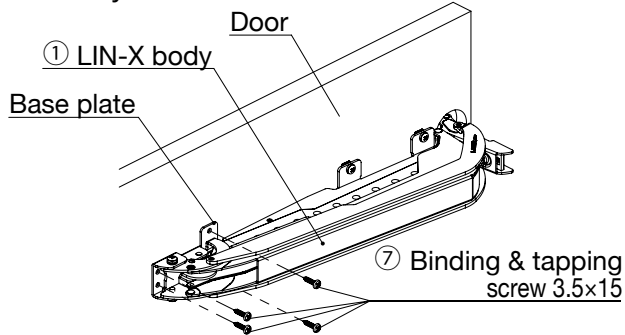
⚠ Ensure that the two LIN-X bodies are parellel by measuring both the base and mounting plate distances.

4 Connecting plate installation:

Tighten

Hinge installation pitch

③ Connecting plate

Connecting plate installation pitch

Insert

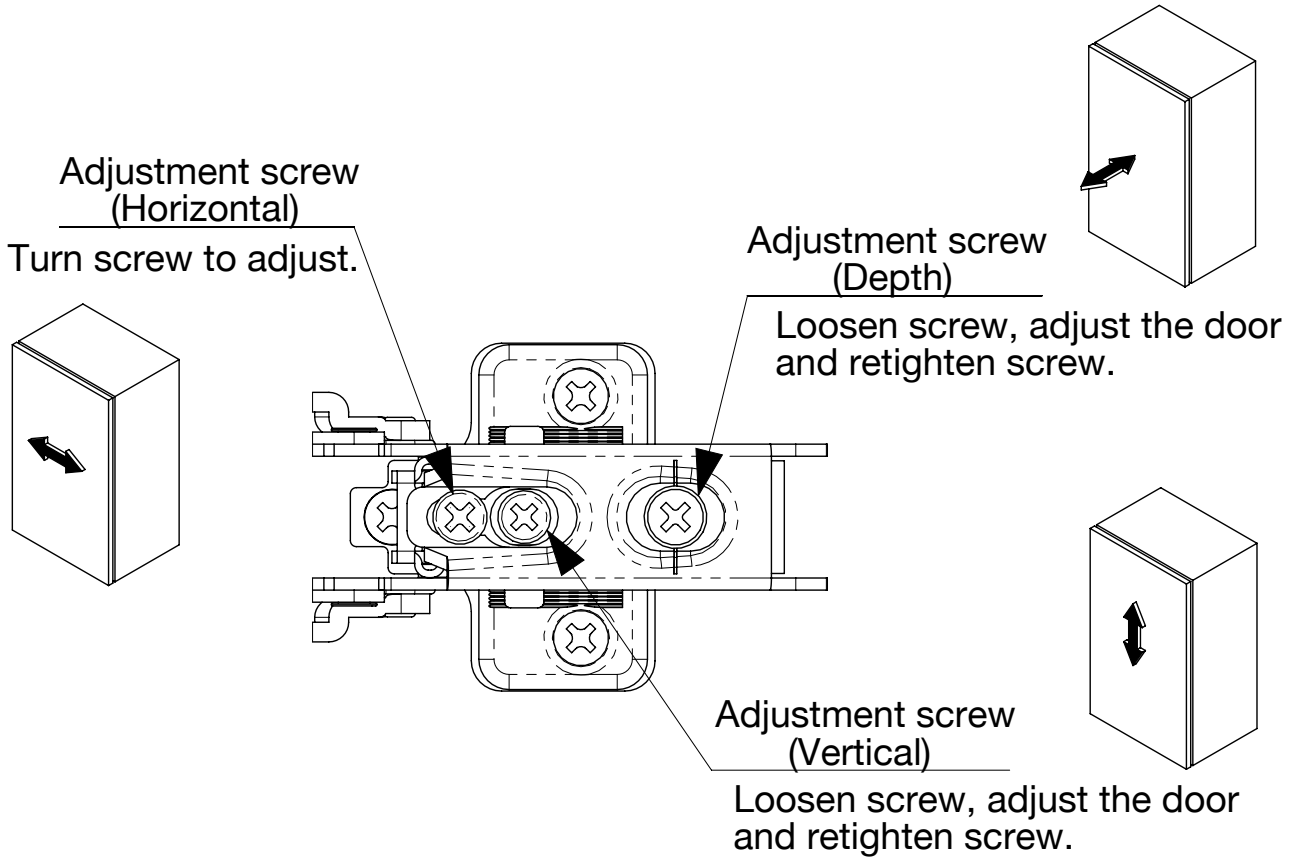Connecting plate

Connecting nut

④ Connecting plate cover
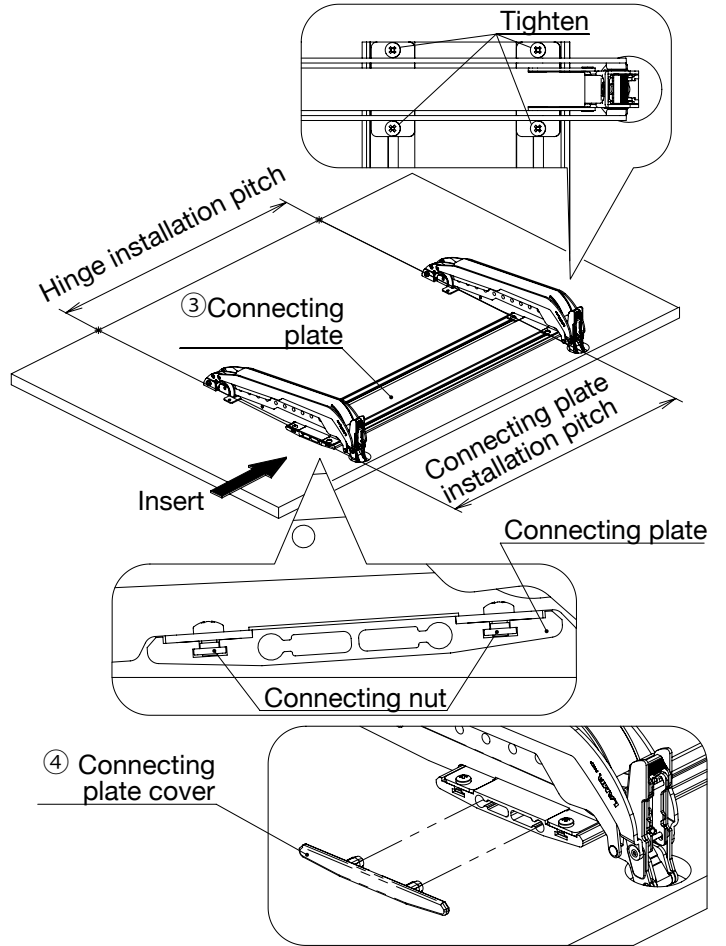
5 Door installation:

⚠ Ensure that the LIN-X body is securely attached to the mounting plates.

■ Adjustments

Adjustment screw (Horizontal)

Turn screw to adjust.

Adjustment screw (Depth)

Loosen screw, adjust the door and retighten screw.

Adjustment screw (Vertical)

Loosen screw, adjust the door and retighten screw.

Leveling ajustment screw

Front

Loosen both screws, adjust the door and retighten screws.

Leveling ajustment screw

Back