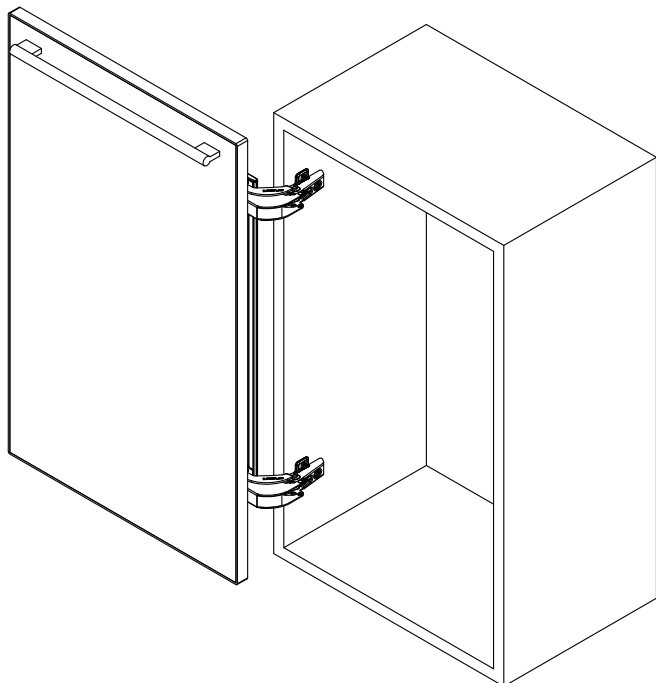


Thank you for purchasing this MonoFlat LIN-X hinge by SUGATSUNE. Before proceeding with the installation, please read this instruction manual carefully for the best possible result and ensure your safety.



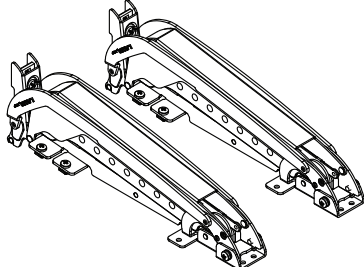
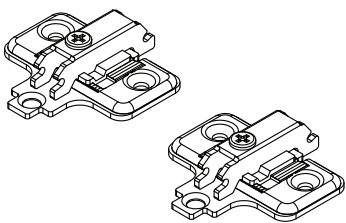
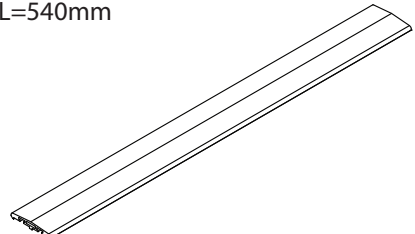
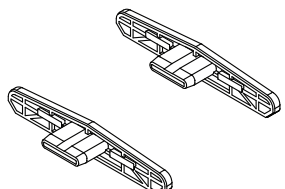
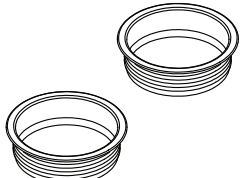
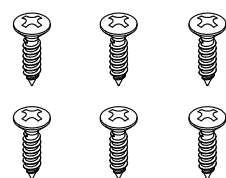
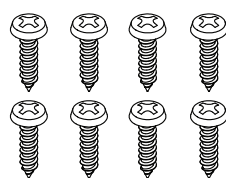
### WARNING

- 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 proper installation of the cabinet and door.
- Ensure that door size, weight and material correspond to the specifications in this manual.
- Do not disassemble or modify the system.

### Product Specification

Door Width	400~500 mm
Door Height	600~900 mm
Door Thickness	15~24 mm
Door Weight	Max. 7 kg (per door)

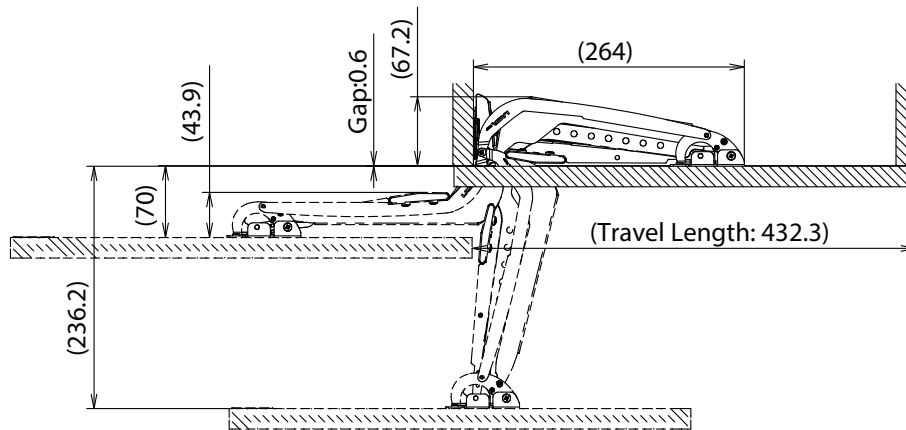
### Parts List

<p>① LIN-X Body.....2 pcs.</p> 	<p>② Mounting Plate.....2 pcs.</p> 	<p>③ Connecting Plate.....1 pc.</p> <p>L=540mm</p> 	
<p>④ Connecting Plate Cover 2 pcs.</p> 	<p>⑤ Cup Cover.....2 pcs.</p> 	<p>⑥ Countersunk Head Tapping Screw.....3.5x15.....6 pcs.</p> 	<p>⑦ Binding &amp; Tapping Screw 3.5x15.....8 pcs.</p> 

# LIN-X450

## Overall (unit : mm)

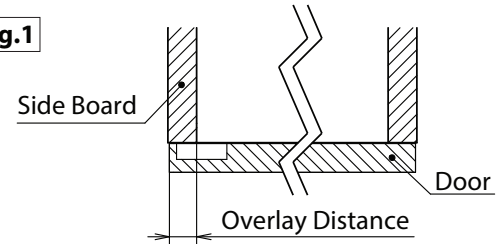
- Picture shows the left hand door use. (Right hand door use is symmetrical.)



## Overlay Distance

- Side overlay as shown in **Fig.1** is:  
19mm for mounting plate 230-P4W-32T: 0mm (Standard)  
14mm for mounting plate 230-P4W-32T: 5mm
- An opening clearance of 2mm is required on both sides of the door.

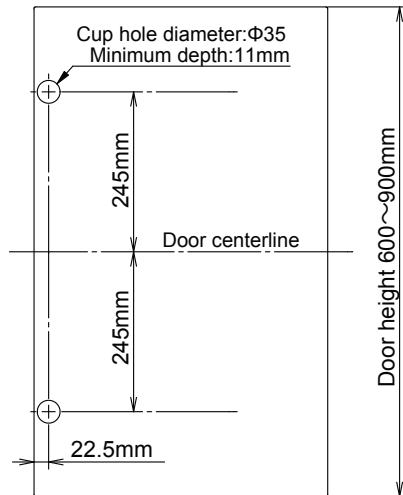
**Fig.1**



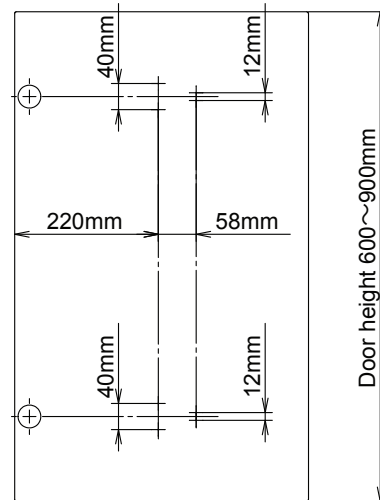
## Position of LIN-X Body

- Prepare the door as per **Fig.2** and **Fig.3**

**Fig.2**



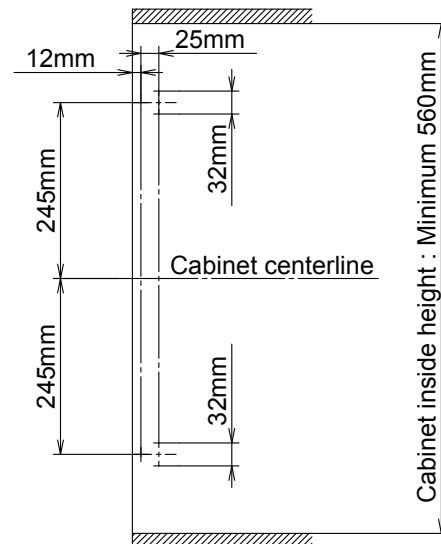
**Fig.3**



## Mounting Plate Position

- Prepare the sideboard for mounting plate installation as per **Fig.4**

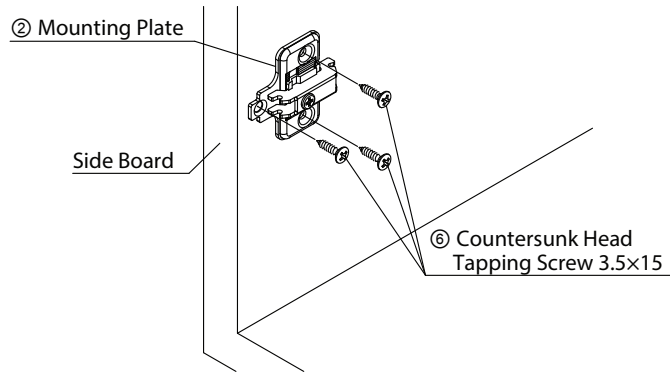
**Fig.4**



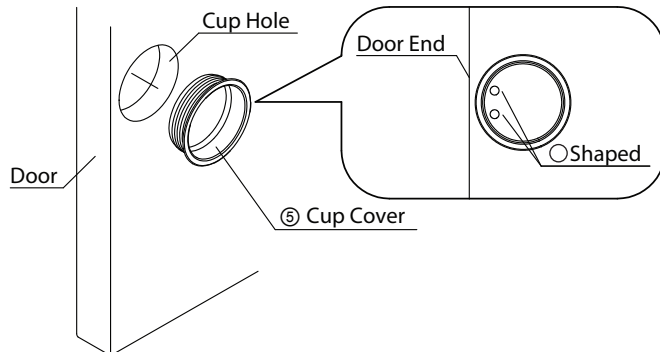
# LIN-X450

## Installation

### 1 Mounting Plate Installation:

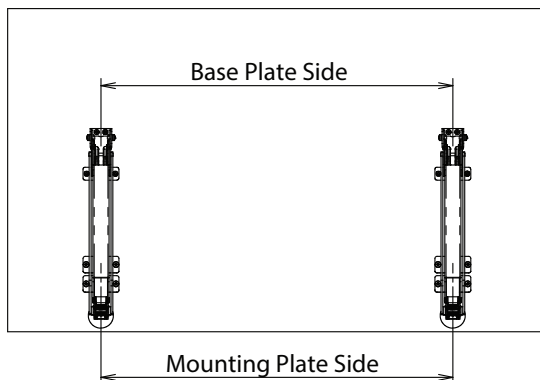
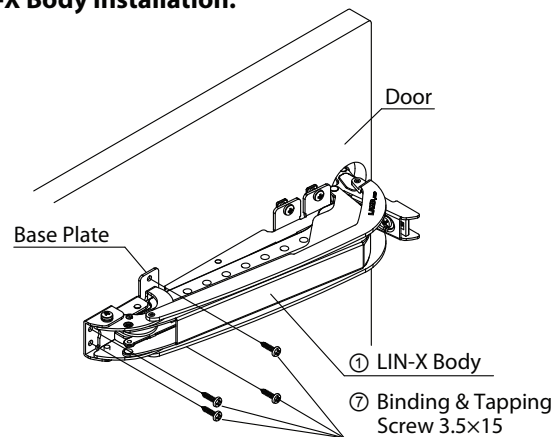


### 2 Cup Cover Installation:



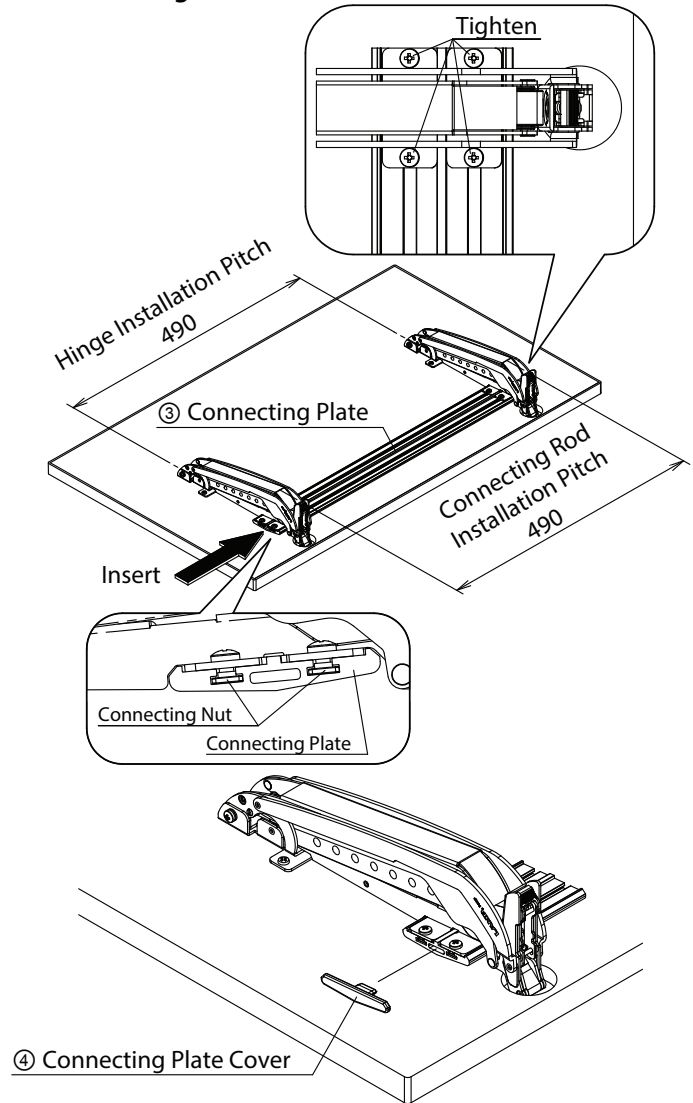
⚠ Ensure that the two O are pointing toward the edge of the door.

### 3 LIN-X Body Installation:

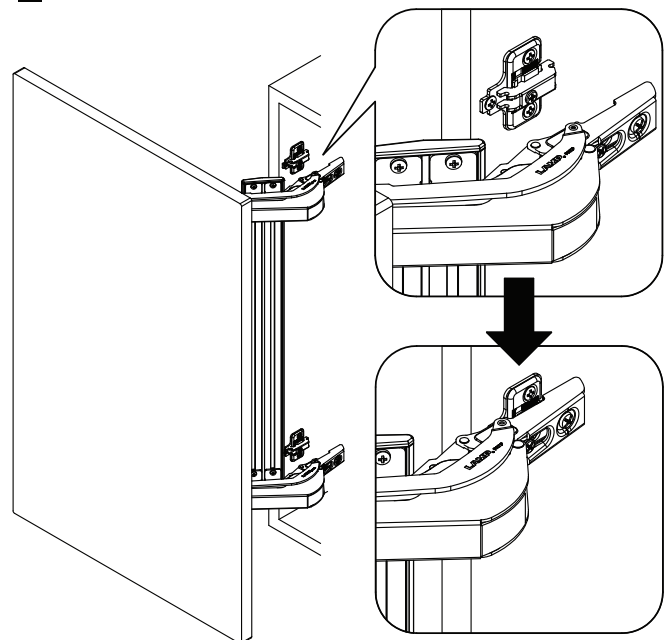


⚠ Ensure that the two LIN-X bodies are parallel by measuring both the base and mounting plate distances.

### 4 Connecting Plate Installation:



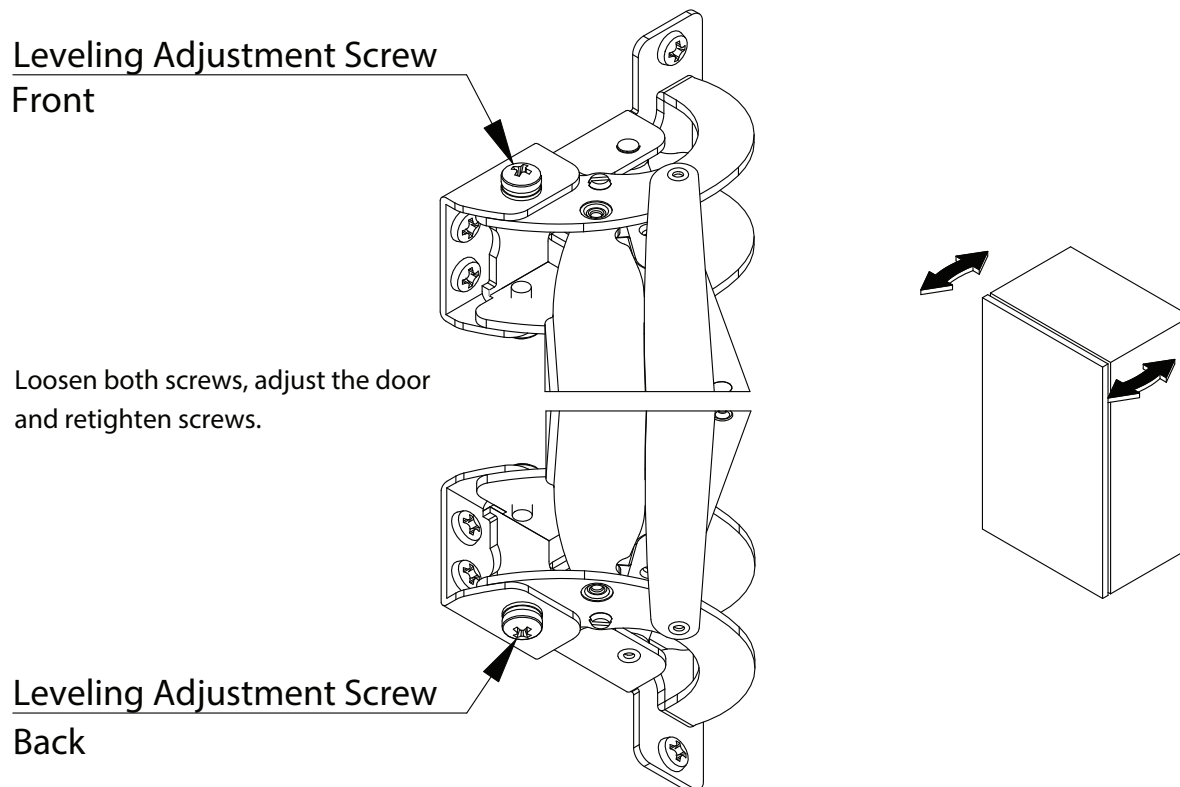
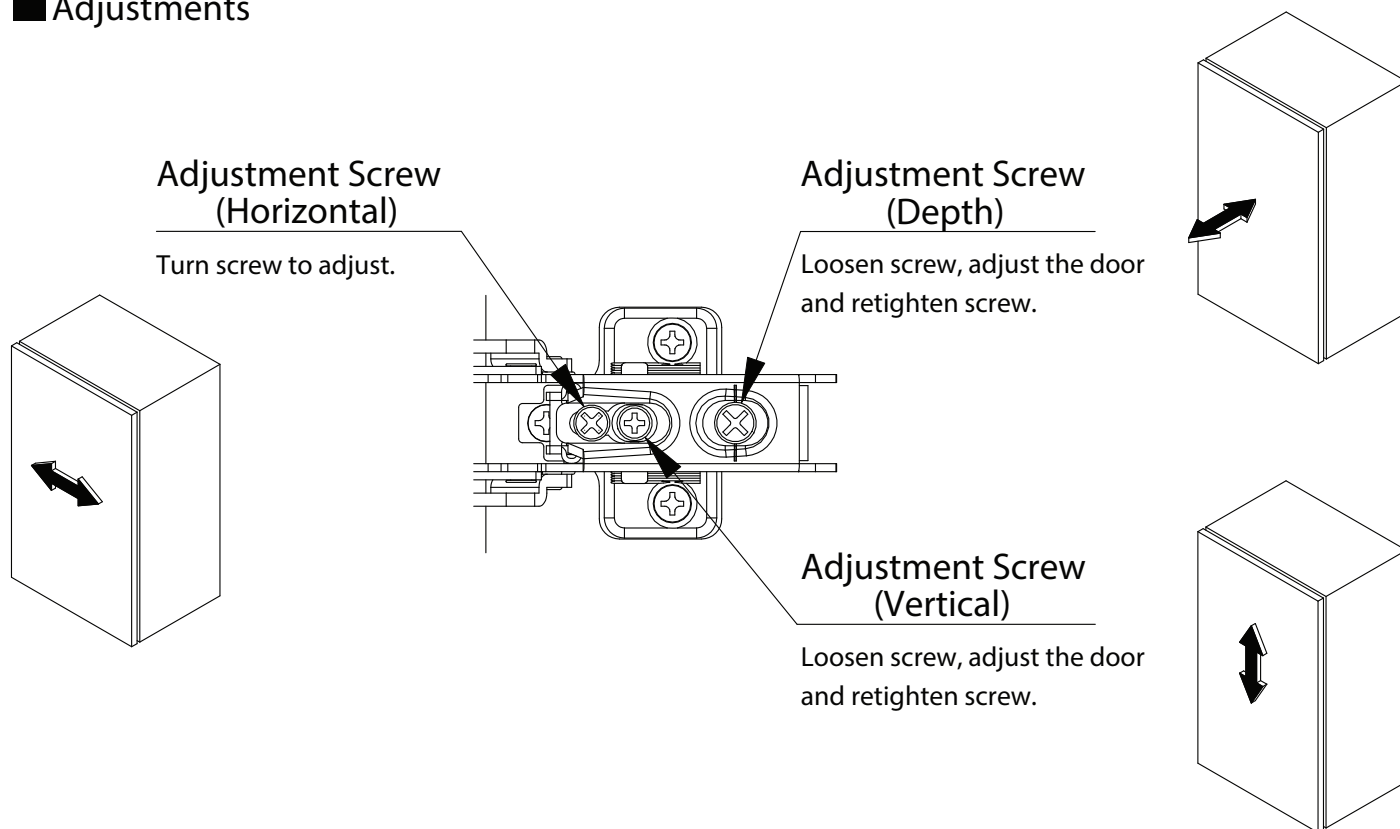
### 5 Door Installation:



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

# LIN-X450

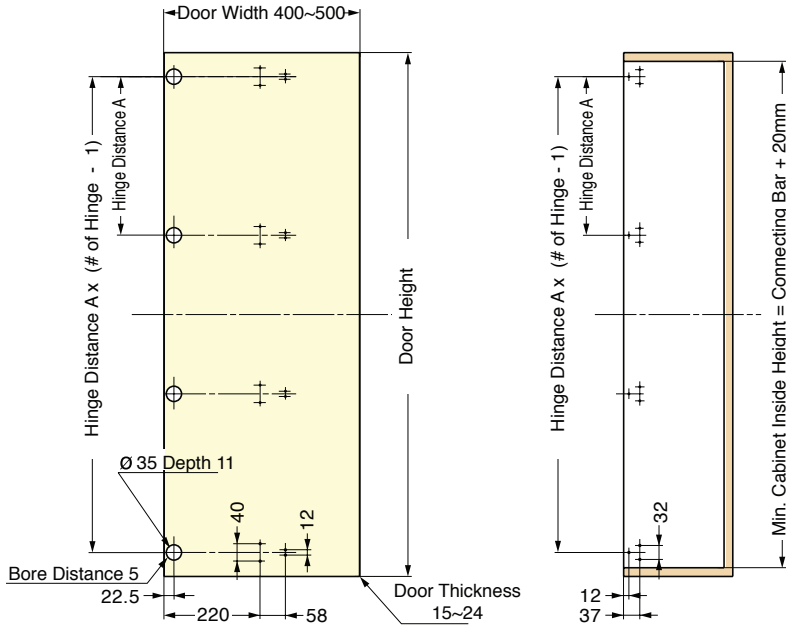
## ■ Adjustments



# LIN-X450

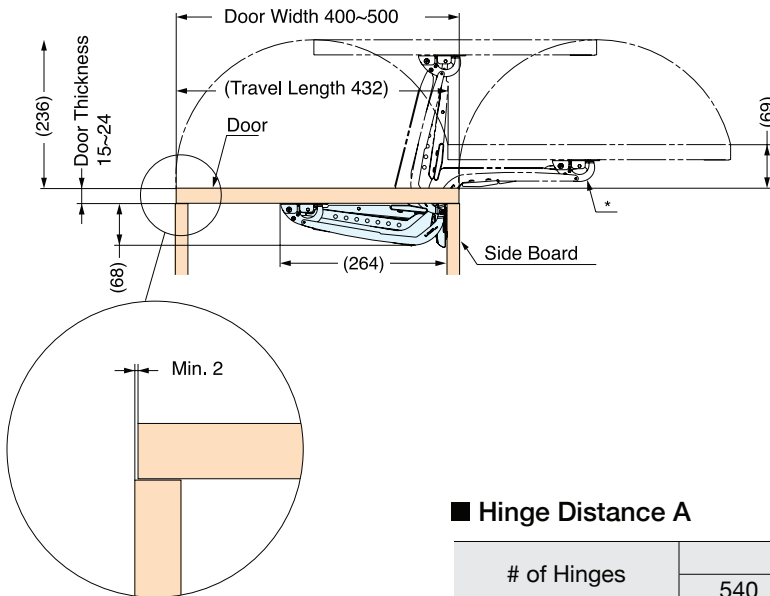
## Individual Parts for Tall / Heavy Doors

### Door Preparation



Hinge in middle should be positioned at or equally distributed from center of door.

### Cabinet Preparation

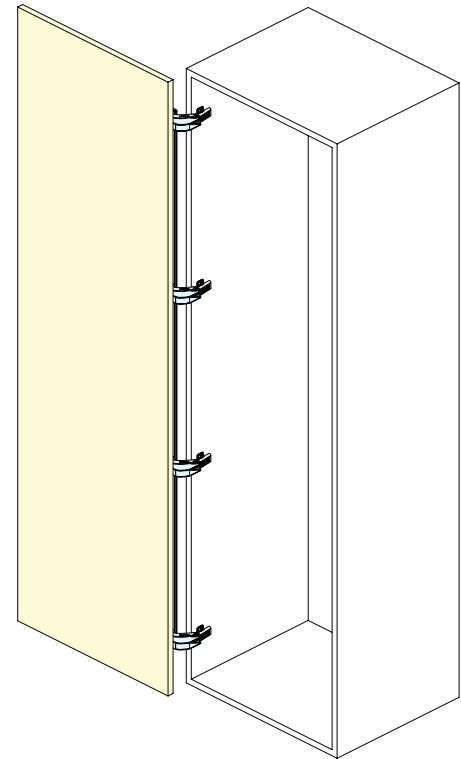


### Hinge Distance A

# of Hinges	Length of Connecting Bar (mm)					
	540	840	1140	1440	1740	2040
2 pcs	490	790	1090	-	-	-
3 pcs	245	395	545	695	845	-
4 pcs	-	263.3	363.3	463.3	563.3	663.3
5 pcs	-	-	272.5	347.5	422.5	497.5

### Product Specification

Door Width	400~500 mm
Door Height	600~2400 mm
Door Thickness	15~24 mm
Door Weight	Max. 17 kg (per door)



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