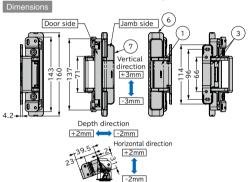


# LAMP, SURFACE-MOUNT CONCEALED HINGE HES2S-150-A110 110° Opening NEW







\*The illustration below shows the state when opened at 90° without a cover.

Vertical Adjustment Screw/ Mounting Screw (2 pcs) Horizontal adjustment

screw (2 pcs)

2×4.5×10.7 oval

2× φ 4.5

- Surface mounts on the jamb side for easy installation.
- Supports door thickness of 35 mm or more.
- For doors with a thickness of 35 or 36 mm, centre mounting is possible, making the door non-handed (usable as both right-handed and left-handed).
- 3D Adjustment Post Installation: Adjust vertically, horizontally, and depth.

## INSTRUCTION

### Remarks

- Use with a door stopper to prevent opening farther than 110°.
- . The hinge cannot be divided between the door and frame
- . Use the selection tool to check the compatibility for your projects.

#### Parts included

- Countersunk head tapping screw 4×20 (4 pcs/hinge) Stainless Cross-recessed truss tapping screw 4×16 (4 pcs/hinge) Steel

- · Door side drilling/jamb side mounting template



HES Hinge

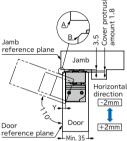




No mortising on the jamb side is required.



Feature



Depth direction

Fixing screw position\* (When depth adjusted

Depth adjustment

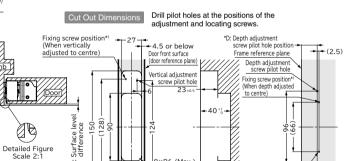
Jamb

to centre)

Drill at the door corner (B). The jamb corner (A) can be used even without machining.

Y: Door Machining	B: Door	A: Jamb		
Margin	chamfering	chamfering		
4.5 or below	1 or higher	-		





No.	Part Name	Material	Finish / Colour	
1	Body	POM	-	
2	Base Plate	SPCC	Chrome	
3	Arm	Zinc Alloy (ZDC)	Chemical Treatment	
4	Inner Socket	ZITIC ATIOY (ZDC)	Chrome	
(5)	Outer Socket	SPCC	Chiome	
6	Socket Cover	ABS	_	
7	Base Plate Cover	ABS		

Door side fixing screw hole (2 pcs) 15-

Depth Adjustment Screw/ Mounting Screw (2 pcs)

2×φ4.5 (8.7 countersunk)

2×4.5×8.5 oval 8.7×12.7 countersunk

screw hole (2 pcs)

\*1 Vertical/depth adjustment is not possible when the fixing screws have been mounted. Be sure to adjust in the vertical/depth directions before drilling the fixing screw pilot holes and mounting the fixing screws.

8×R6 (Max.)

Vertical adjustmen

screw pilot hole

Door

35 mm door (	machining margin 4 mm)	36 mm door (machining margin 4.5 mm)			
*C: Surface level difference *D: Adjustment screw pilot hole position		*C: Surface level difference	*D: Adjustment screw pilot hole position		
0	19	0	19.5		
1	20	1	20.5		
2	21	2	21.5		
3	22	3	22.5		
4	23	4	23.5		
5	24	5	24.5		

RoHS	Item Code	Item Name	Colour	Door Width	Door Height	Door Thickness	Door Weight kgf/2 pcs	Door Weight kgf/3 pcs	Opening Angle
•	170-056-969	HES2S-150-A110-WT	White						
•	170-056-970	HES2S-150-A110-BL	Black	Max. 900	Max. 2700	Min. 35	40	50	110°
•	170-056-971	HES2S-150-A110-WGR	Warm Grey	]					

Fixing screw position\*

adjusted to centre)

