3-WAY ADJUSTABLE CONCEALED HINGE HES3D-90

INSTRUCTION

Selection Tool

Hinge Selection

Video Link

- Small HES series can be applied with Min. door thickness of 23mm.
- Small bore depth, easy to cut out the door and jamb.
- 3-way adjustment function allows vertical, horizontal, and depth adjustment after hinge installed.
- Hinge can be split into the door side and the jamb side.
- Order-made colour available. For further details, please contact local representatives.

[Remarks]

- Can not be used with LAPCON DOOR DAMPER LDD 1 or LAPCON DOOR CLOSER LDC-N2.
- Can be used with DC-200 damper catch but can not be used with lid stays or other door damper.

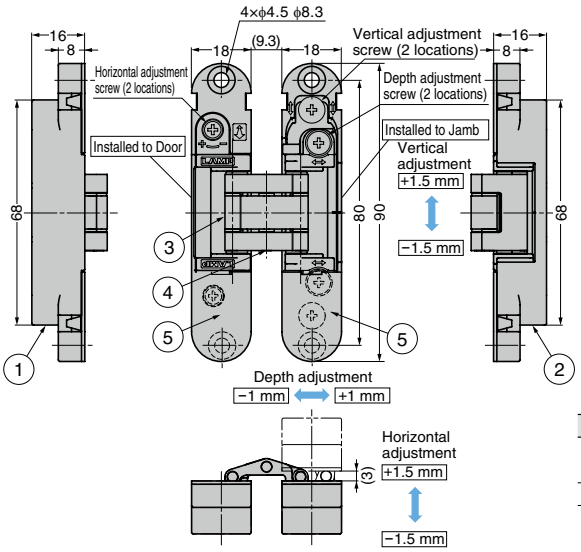
[Parts Included]

- Countersunk head tapping screw 4×20 (4 pcs/hinge) SUS
- Hex key 2

[Sold Separately]

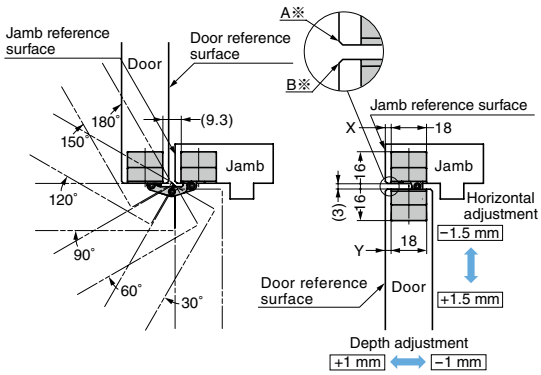
- Installation template HES3D-90-TMP
  ※Can be reused, so door and jamb can be easily cut out with a router.

Figure below shows the state with the upper screw covers removed.



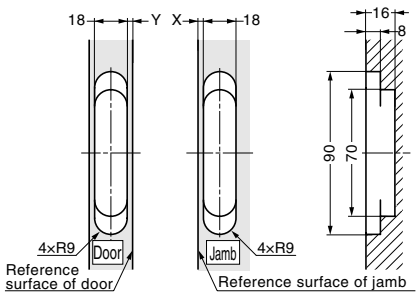
[Locus Chart]

Please process the part (corner of door/jamb) of ※ marked on the drawing to C1 or more (or R1 or more).



Y: Door machining margin	B: Door chamfering	X: Jamb machining margin	A: Jamb chamfering
3 and under	1	3 and under	1
	2	4	2
3.5		3.5	

[Cut Out Dimensions]



No.	Part Name	Material	Finish		
			DC	DN	BL
①	Body	Zinc Alloy (ZDC)	Satin Chrome	Dull Nickel	Black Enamel Finish
②	Base Frame				
③	Arm				
④	Shaft	Stainless Steel	–	–	–
⑤	Cover (2 pairs)	ABS	Silver	Champagne Gold	Black

RoHS	CAD	Item Code	Item Name	Colour	Door Width	Door Height	Door Thickness	Door Weight kg/2 pcs	Door Weight kg/3 pcs	Opening Angle	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	170-029-221	HES3D-90DC	Silver	Max. 600	Max. 1500	Min. 23	Max. 12	Max. 16	180°	195	2	48
G	3D	170-029-222	HES3D-90DN	Champagne Gold							195	2	48
G	3D	170-033-588	HES3D-90BL	Black							195	2	48

Refer to 1 : P.532, P.536