

LAMP® 3-WAY ADJUSTABLE CONCEALED HINGE HES3D-H120-36 Centre Door Mortise **NEW**

Latest Info



Passed Private 300K Cycle Test

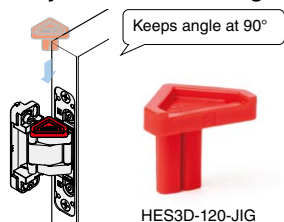


KIDS DESIGN AWARD 2021

Without Covers



Easy Installation with Jig



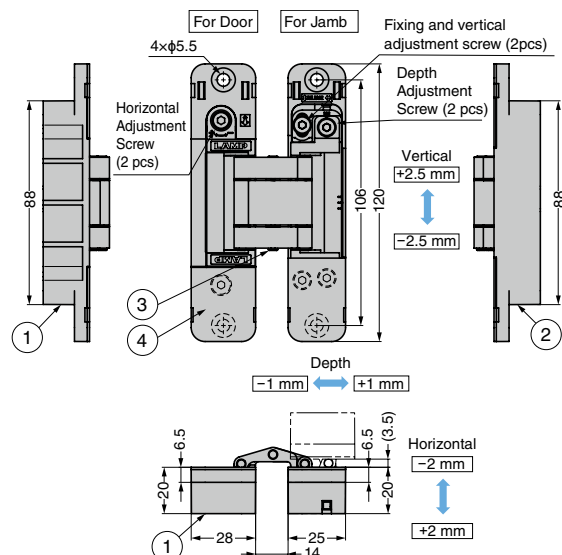
HES3D-120-JIG



Selection Tool



HES Hinge



- For a 36mm thick door, the mortise is centred and allows it to function as either a left or right-handed door.
- **Has increased load capacity of 50 kg with two hinges.**
- Thin profile (21mm) allows for shallow mortise.
- 3D Adjustment Post Installation: Adjust vertically, horizontally, and depth.
- For simplified door hanging, the hinge divides into two parts: one for the door-side and one for the jamb-side.
- Can temporarily be hung before fixing with screws.

INSTRUCTION

SCREW

Applications

- Interior doors

Parts Included

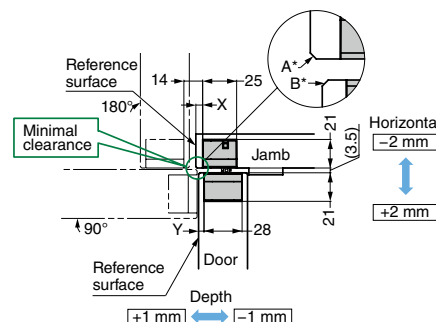
- Cross-recessed countersunk tapping screw 5 x 20 (4 pcs / hinge) stainless steel
- Hex key 3
- Cutout template

Sold Seperately

- HES3D-120-JIG (installation jig)

Remarks

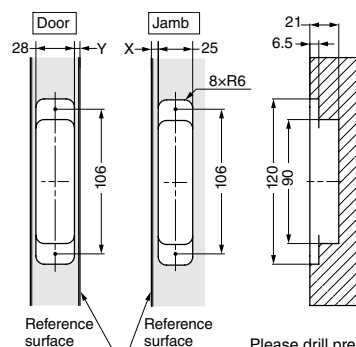
- Read all remarks on handling thoroughly before use.
- Please use the Selection Tool for HES Concealed Hinges to select a hinge.
- When use with a door damper, the following dampers are recommended:
 - LDD-S (P.566)
 - LDD-V (P.568)
 - LDD-V100 (P.570)
 - LDC-N2 (P.572)
- * Each door damper has different load capacity. Please check that before use.
- Required number of hinges also depends on door stiffness and warpage.
Please check actual conditions and performance before use.



Door		Jamb	
Y : Machining Margin	B : Chamfering	X : Machining Margin	A : Chamfering
Max. 4	1	Max. 5	1
	2	6	2
		7	3
5	3	Max. 5	

The table shows how much margin and chamfering are required for the door to open properly.

Cut Out Dimensions



Please drill prepared holes for the tapping screws.

No.	Part Name	Material	Finish/Colour		
			DC	DN	BL
①	Body	Zinc Alloy (ZDC)	Satin Chrome	Satin Nickel	Black
②	Base Frame				
③	Shaft	Stainless Steel	—	—	—
④	Screw Cover (Door side: 2 pcs) (Jamh side: 2 pcs)	ABS	Silver	Champagne Gold	Black

Hinge

Item Code	Item Name	Colour	Door Specs			Load Capacity				Opening Angle	Box (pcs)	Carton (pcs)
			Width	Height	Thickness	N/2 pcs	kgf/2 pcs	N/3 pcs	kgf/3 pcs			
170-047-861	HES3D-H120-36DC	Silver	Max. 900	Max. 2700	Min. 34	490	50	637	65	180°	2	24
170-047-862	HES3D-H120-36DN	Champagne Gold										
170-047-863	HES3D-H120-36BL	Black										

Installation Jig sold separately

Item Code	Item Name	Material	Colour	Weight (g)	Box (pcs)	Carton (pcs)
170-044-186	HES3D-120-JIG	POM	Red	4	100	400