



LAMP 3-WAY ADJUSTABLE CONCEALED HINGE HES3D-90



Passed Private 50K Cycle Test



KIDS DESIGN AWARD 2021

- Thin profile allows for shallow mortise and makes installation easier
- Jig (sold separately) makes installation easy
- Vertical, horizontal and depth adjustment possible post-installation (3way)
- Can be split into two parts (one for the jamb and one for the flap) making installation easy
- Custom colors available on request. Please contact us for details.
- Can be used with DC-200 damper catch but can not be used with lid stays or other door damper.

INSTRUCTION | SCREW

Parts Included

- Countersunk head screw 4x20 (4 pcs./hinge)
- Hexagonal spanner x2

SELECTION GUIDE

HES CONCEALED HINGES

CONCEALED HINGES

DAMPER HINGES

TORQUE HINGES

GLASS HINGES

PIVOT HINGES

TABLETOP HINGES

DETENT HINGES

BUTT HINGES

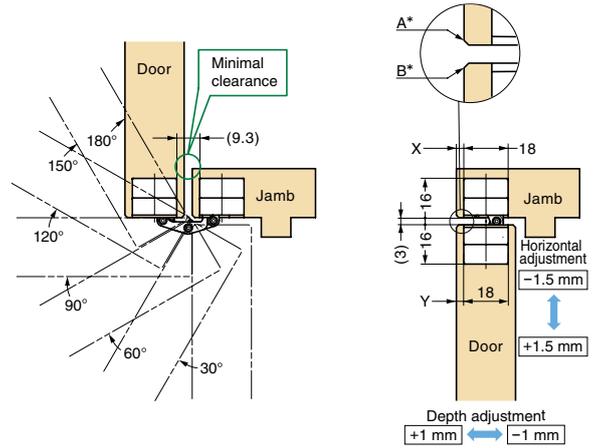
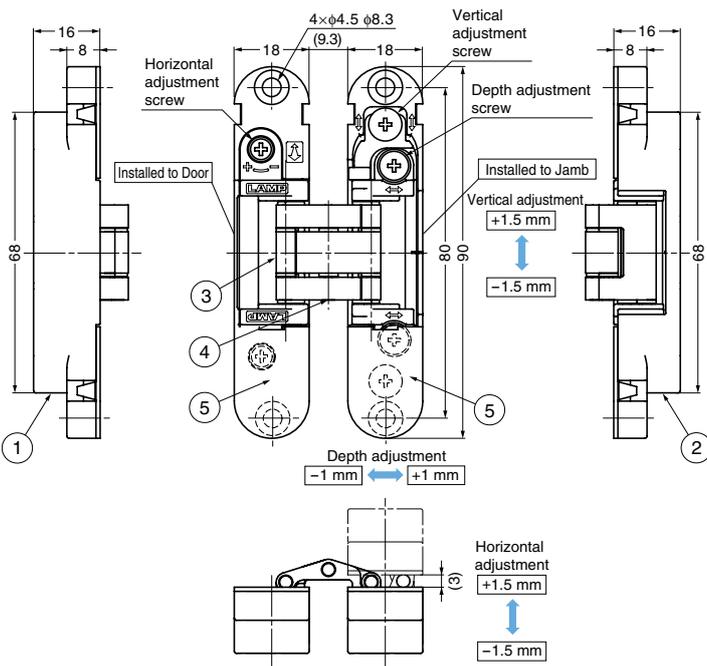
LIFT-OFF HINGES

PIANO HINGES

SPRING HINGES

ANGLE HINGES

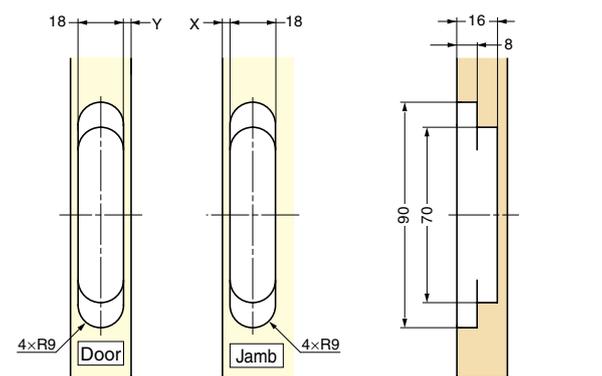
GRAVITY HINGES



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
3.5	2	4	2
		3.5	

Cut Out Dimensions



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



Item Code	Item Name	Colour	Door Width	Door Height	Door Thickness	Door Weight		Opening Angle	Weight	Box	Carton
170-029-221	HES3D-90DC	Silver	Max. 600	Max. 1500	Min. 23	Max. 12 kg/2 pcs	Max. 16 kg/3 pcs	180°	198 g	2 pcs	48 pcs
170-029-222	HES3D-90DN	Champagne Gold	Max. 600	Max. 1500	Min. 23	Max. 12 kg/2 pcs	Max. 16 kg/3 pcs	180°	198 g	2 pcs	48 pcs
170-033-588	HES3D-90BL	Black	Max. 600	Max. 1500	Min. 23	Max. 12 kg/2 pcs	Max. 16 kg/3 pcs	180°	198 g	2 pcs	48 pcs

Installation Template This is sold singly, because they can be used on both the door and jamb.

Item Code	Item Name	Material	Colour
170-029-034	HES3D-90-TMP	Methacrylic Resin (PMMA)	Clear