

# LAMP 3-WAY ADJUSTABLE CONCEALED HINGE HES3D-E190

Latest Info



A  
HINGES



Passed Private 300K Cycle Test



- Thin profile 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.
- Has a fire safety rating of ANSI/UL 10C, CAN/ULC-S104
- Custom colours available on request. Please contact us for details.

[INSTRUCTION](#) [SCREW](#)

**Remarks**

- Read all remarks on handling thoroughly before use.
- Please use the Selection Tool for HES Concealed Hinges to select a hinge.

**Parts Included**

- Countersunk head screw 5x30 (4 pcs/hinge)
- Allen key size 4

**Sold Separately**

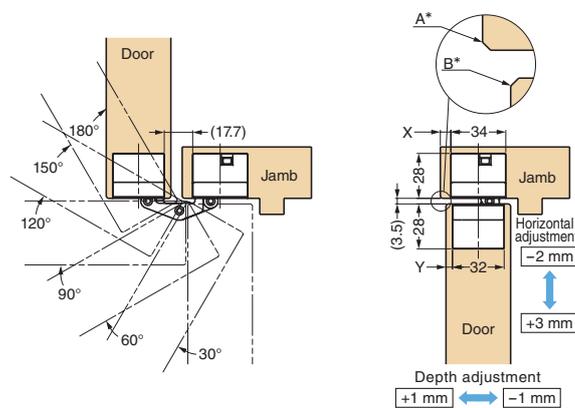
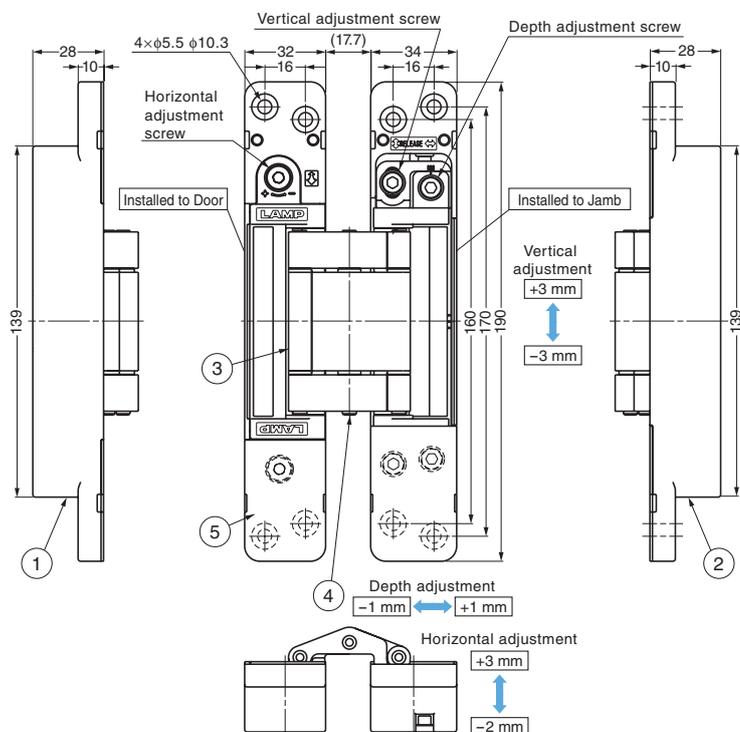
- Installation template HES3D-E190-TMP (P.60)
- Metal door bracket E190BKT (P.60)



Without covers.



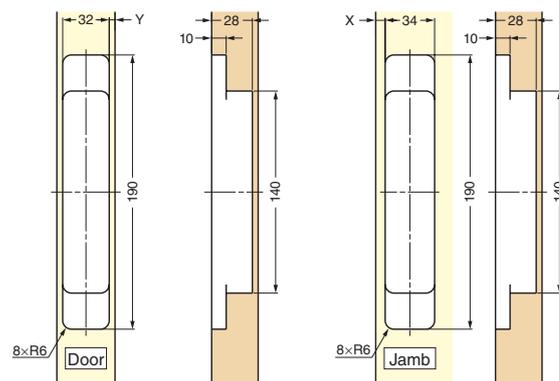
HES Hinge



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
4 and under	1	6.5 and under	1
	2	7	2
5	3	8	3
		6.5 and under	2
		7	3
		8	4

**Cut Out Dimensions**



No.	Part Name	Material	Finish/Colour					
			DC	DN	BL	NI	WT	DGR
①	Body	Zinc Alloy (ZDC)	Satin Chrome	Satin Nickel	Black Enamel	Nickel	White Paint	Dark Grey Plating
②	Base Frame		Plain	Plain	Plain	Plain	Plain	Plain
③	Arm	Aluminum Alloy	Plain	Plain	Plain	Plain	Plain	Plain
④	Shaft	Stainless Steel	Plain	Plain	Plain	Plain	Plain	Plain
⑤	Cover	ABS	Silver	Champagne Gold	Black	Nickel	White Paint	Dark Grey Plating

Item Code	Item Name	Colour	Door Specs				Opening Angle	Weight	Box	Carton
			Width	Thickness	Weight					
-	HES3D-E190DC	Silver	Max. 900	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180°	1,100 g	2 pcs	12 pcs
-	HES3D-E190DN	Champagne Gold	Max. 900	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180°	1,100 g	2 pcs	12 pcs
-	HES3D-E190BL	Black	Max. 900	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180°	1,100 g	2 pcs	12 pcs
170-033-568	HES3D-E190NI	Nickel	Max. 900	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180°	1,100 g	2 pcs	12 pcs
170-045-916	HES3D-E190WT	White	Max. 900	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180°	1,100 g	2 pcs	12 pcs
170-058-506	HES3D-E190DGR	Dark Grey	Max. 900	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180°	1,100 g	2 pcs	12 pcs

For door height and width, please refer to the Reference Table ( from the following pages) or Selection Tool.

**Installation Template** This is sold in pairs, one for the door and one for the jamb.

Item Code	Item Name	Material	Colour
170-028-808	HES3D-E190-TMP	Methacrylic Resin (PMMA)	Clear