3-WAY ADJUSTABLE CONCEALED HINGE

L=R STEEL VIDEO

HES3D-E190

Features

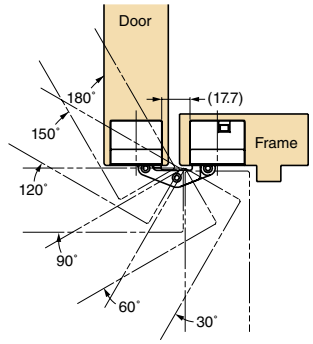
- Thin profile allows for shallow mortise and makes installation easier
- Jig (sold separately) makes installation easy.
- Has a fire safety rating of ANSI/UL 10C, CAN/ULC-S104
- Vertical, horizontal and depth adjustment possible post-installation (3way)
- Can be split into two parts (one for the frame and one for the flap) making installation easy
- Temporary holding feature: can temporarily be hung and hold position without being affixed with screws. This makes installation much easier.
- Custom colors available on request. Please contact us for details.
- Passed a 300,000 open/close cycle test in private testing.

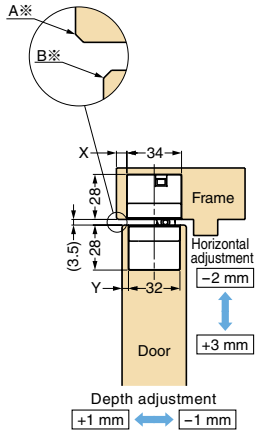
Parts Included

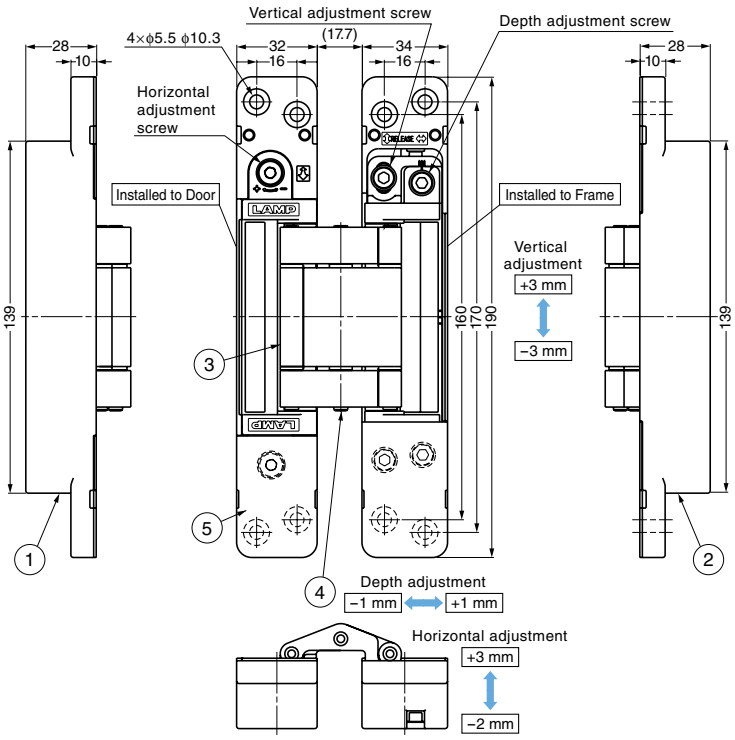
- Countersunk head screw 5×30 (4 pcs/hinge)
- Allen key size 4

Sold Separately

- Installation template HES3D-E190-TMP (P.474)
- Metal door bracket E190BKT (P.475)



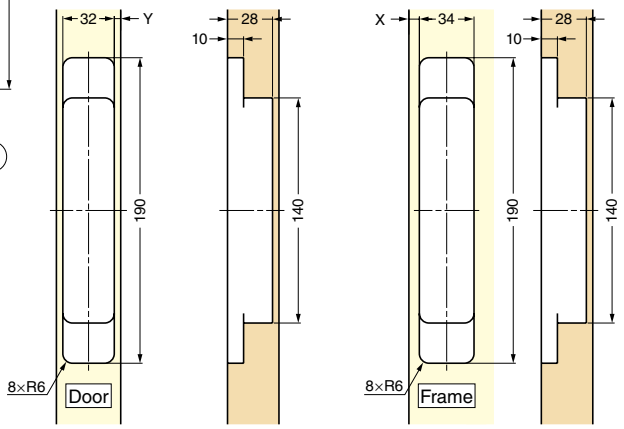




Please process the part (corner of door/frame) of ※ marked on the drawing to C1 or more (or R1 or more).

Y: Door machining margin	B: Door chamfering	X: Frame machining margin	A: Frame chamfering
4 and under	1	6.5 and under	1
	2	7	2
		8	3
		6.5 and under	2
5	3	7	3
		8	4

Cut Out Dimensions



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

Video Link

Item Code	Item Name	Old Item Code	Colour	Door Specs					Opening Angle	Weight	Box	Carton
				Width	Height	Thickness	Weight					
170-045-815	HES3D-E190DC	170-025-498	Silver	Max. 900	Max. 2400	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180˚	1,100 g	2 pcs	12 pcs
170-045-816	HES3D-E190DN	170-025-499	Champagne Gold	Max. 900	Max. 2400	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180˚	1,100 g	2 pcs	12 pcs
170-045-817	HES3D-E190BL	170-025-539	Black	Max. 900	Max. 2400	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	Max. 2400	Min. 38 mm	Max. 100 kg/2 pcs	Max. 125 kg/3 pcs	180˚	1,100 g	2 pcs	12 pcs