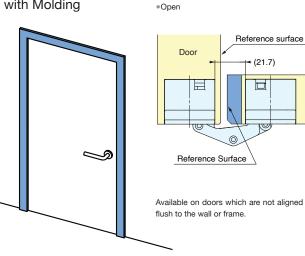
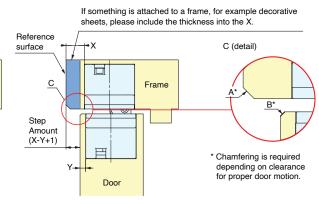


Frame

Installation with Molding





Closed

Y	В	Х	A	X-Y+1	
Door Clearance	Door Chamfering	Frame Clearance	Frame Chamfering	Step Amount	
3		3 to 12	0	1 to 10	
	0	13	1	11	
		14 2		12	
		15	4	13	
		3 to 10	0	0 to 7	
4	1	11	1	8	
		12 2		9	
		13 3		10	
		14	4	11	
5		3 to 6	0	-1 to 2	
	2	7	1	3	
		8	2	4	
		9	3	5	
		10	4	6	
		11	4	7	
	3	12	5	8	
		13	6	9	

Y	В	X A		X-Y+1	
Door Clearance	Door Chamfering	Frame Clearance	Frame Chamfering	Step Amount	
		3 to 6	0	-2 to 1	
	3	7	1	2	
		8	2	3	
6		9	3	4	
	4	10	4	5	
		11	5	6	
		12	6	7	
	5	3 to 6	0	-3 to 0	
		7	1	1	
7		8	2	2	
/		9	3	3	
		10	5	4	
		11	7	5	
		3 to 6	0	-4 to -1	
8	6	7	1	0	
		8	3	1	
		9	5	2	
		10	7	3	

LIT-HES3DW190-2021

Concealed Hinge for Cladded Doors



Chicago Showroom 121 West Wacker Drive, Chicago, IL 60t601 www.sugatsune.com f 🕑 🛛 in Share or watch this video featuring our HES3D-W190 hinge for cladded doors





The HES3D-W190 is the UL rated, 3-way adjustable, concealed hinge you know from Sugatsune, now available for cladded doors. Never compromise style or quality for functionality.

3-WAY ADJUSTABLE CONCEALED HINGE For Door Moldings







- Has a long arm for a wider throw, allowing 3/8" (10 mm) clearance for flush installation or 1/2" (13 mm) clearance for installation with a molding. Opens to 180°.
- Features 3-way adjustability (vertical, horizontal and depth).
- UL Rated, up to 3 Hours (DC, DN, and BL models only)
- Flanges come apart for the door to be provisionally hung for making adjustments. This provides a quick and easy installation when ready for fixing screws.
- Replacement screw covers available for all finishes.
- Only the HES3D-W190PN model includes metal cover plates*, all other models include plastic cover plates.

No. Part Name	Material	Finish/Color						
		DC	DN	BL	PN	WT	PB	
1	Body	Zinc Alloy (ZDC)	Satin	Nickel	Enamel Black	Nickel	Enamel White	Brass
2	Base Frame	ZINC AllOy (ZDC)						
3	Arm	Aluminium Allloy						
4	Shaft	Stainless Steel	Plain	Plain	Plain	Plain	Plain	Plain
5	Screw Cover	ABS/Stainless Steel*	Silver	Dull Nickel	Black	Nickel	White	Brass

Item Name	Finish	Door Size			Door Weight		Opening	Weight	Box	Carton
		Width	Height	Thickness	2 pcs	3 pcs	Angle	(g)	(pcs)	(pcs)
HES3D-W190DC-UL	Dull Chrome	Max. 36" (915 mm)	96-1/16"	Min. 1-5/8" (42 mm)	Max. 220 lbs (100 kg)	Max. 275 lbs (125 kg)	180°	1231	-	12
HES3D-W190DN-UL	Dull Nickel								2	12
HES3D-W190BL-UL	Black								2	12
HES3D-W190PN	Polished Nickel								2	12
HES3D-W190WT	White								2	12
HES3D-W190PB	Polished Brass								2	12



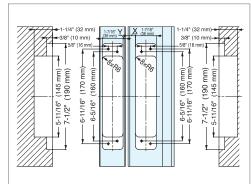


HES3D-W190DC-UL

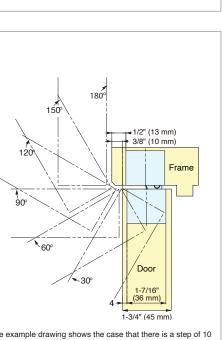
HES3D-W190DN-UL

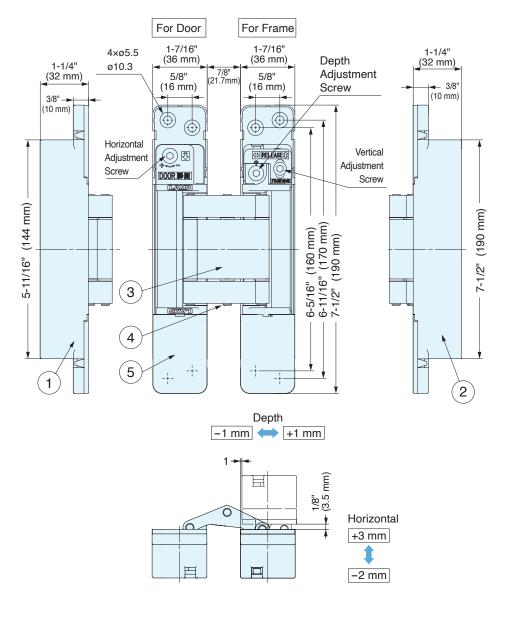
HES3D-W190WT

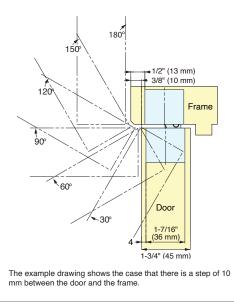
Cut-Out Dimension



Please drill prepared holes for the tapping screws if the optional jig (HES3D-W190-TMP) is not used.













HES3D-W190PB

HES3D-W190PN

HES3D-W190BL-UL

1-800-562-5267 (U.S.A. Only)