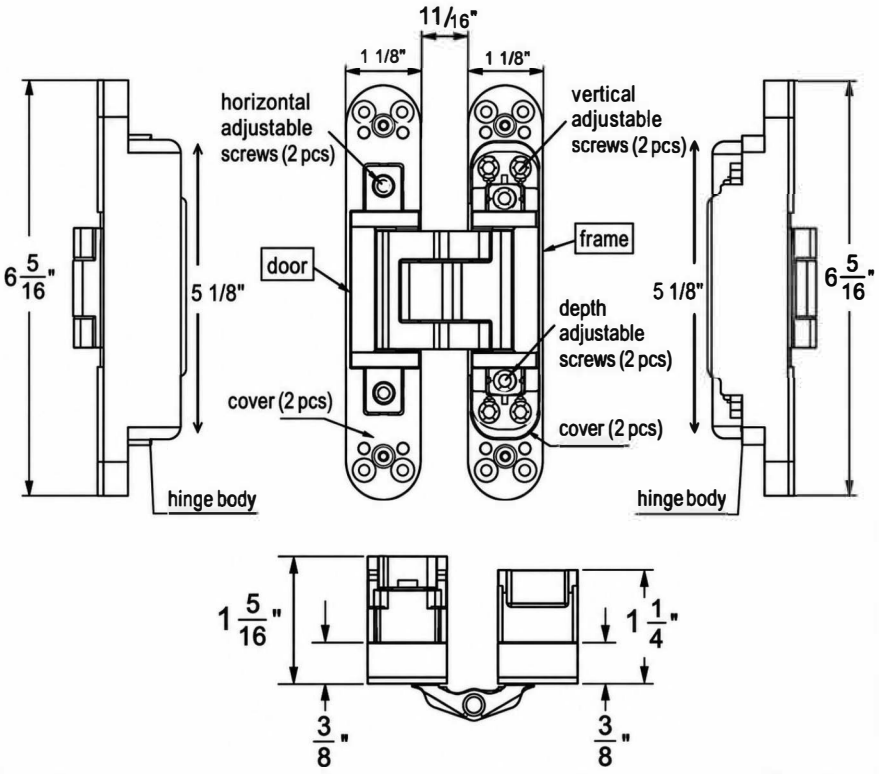
AURUMDESIGN

HC340160 3D hinge for 132 lb. doors (2 hinges)





Technical data

Capacity* (2 HINGES)	132 lb.
Hinge height	6 5/16"
Width shutter side	1 1/8"
Width frame side	1 1/8"
Depth shutter side	1 5/16"
Depth frame side	1 1/4"
Door opening angle	180°

Side adjustment	± 1/16"
Height adjustment	± 3/32"
Depth adjustment	± 1/16"
Fireproof certified	30'

* Tested with 3 9/16" x 8 1/4" doors equipped with two hinges. For more information on the number of hinges to be used according to the weight and dimension of the door, please see the loading charts available on the website

Model	HC340160 INVISIBLE HINGE	List Price $120 ea.

EXCLUSIVE DOOR HARDWARE

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AURUMDESIGN

HC340160 3D hinge for 132 lb. doors (2 hinges)

Technical Data HC300

Capacity	2 Hinges	60 Kg	132 lbs
Capacity	3 Hinges	75 Kg	165 lbs
Hinge height		160 mm	6 5/16"
Width door side		28 mm	1 1/8"
Width frame side		28 mm	1 1/8"
Depth door side		33.5 mm	1 5/16"
Depth frame side		31 mm	1 1/4"
Door opening angle		180°	
Side adjustment		+ 1 mm	
Height adjustment		± 2 mm	
Depth adjustment		± 1 mm	
Door Thickness Minimum		38mm	1 3/8"
Max. Door Dimensions (H 94 1/2" X W 35 7/16)			
Successfully passed 300,000 open/close cycle test			

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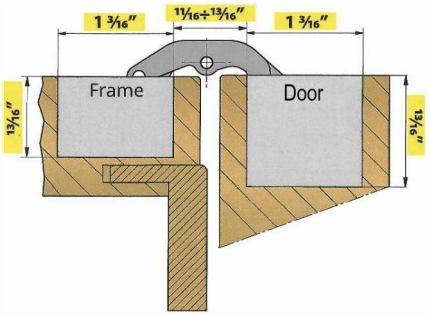
Model	HC340160 INVISIBLE HINGE	Stock Finishes: ❒ White Matt ❒ US19 - Flat Black ❒ US15 - Satin Nickel

EXCLUSIVE DOOR HARDWARE

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ENGINEERED FOR EXCELLENCE

Technical features



- Material of hinge: ZAMAK.
- The hinge is reversible, if mounted in the center of the door thickness, allow the **reversibility of the door**, thus enabling the optimization of the stock and logistics at installation.
- Movement on **7 junction fulcrums** equipped with bearing in plastic HT with high resistance and long life.
- Equipped with **3-way adjustments** that can be settled by means of just one hex-spanner. Once installed, the door has natural sinking, hinge allows to set the door back to the start position.
- **The hinge can be fitted with door closing devices.**
- Outer casings protect the inner junction fulcrums against rubble coming from door installation works.
- The clamping screws, placed in the outer casings, are not used for hinge adjustment, therefore they remain stable for a long time.
- **caps** available to conceal the screws

Finishing

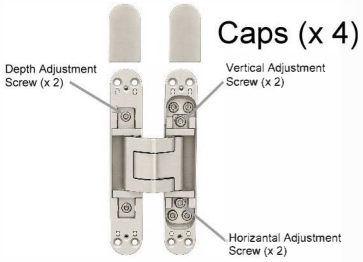


US19 - Flat Black



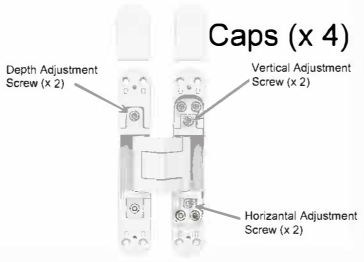


US15 - Satin Nickel





White Matt





Model	HC340160 INVISIBLE HINGE	List Price $120 ea.

EXCLUSIVE DOOR HARDWARE

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3D ADJUSTABLE CONCEALED HINGE

INSTALLATION MANUAL

HC340160

Thanks for choosing our products.

NOTE

Please read this instruction manual carefully before installation.

NOTE:

1.The product is not suitable for use in areas directly exposed to rain or snow.

2.Please check with manufacturer in advanced if use with a door closer in order to ensure proper use.

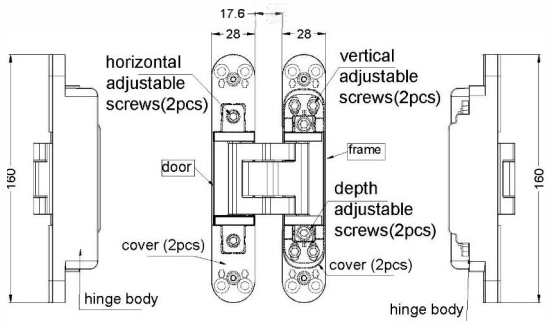
3.The hinge may not function properly causing the door to fail to close tightly if the door is warped or deformed.

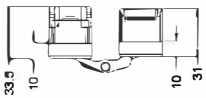
4.Need to check all screws at regular time to make sure they are all fixed.

COMPONENT PARTS

*Concealed Hinge 2 pcs
*Cover 8 pcs(door side x 4,frame side x 4)
*Screw（5x30）16 pcs
*Allen Key S4 1 pc
*Installation Manual 1 pc

HINGE PARTS





DOOR SPECIFICATIONS

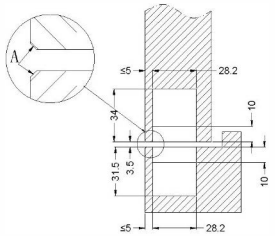
Max.Door Weight	80kg (2pcs)
Door Thickness	38mm-60mm
Size of doors	door width ≤900mm door height ≤2100mm

Adjustable range

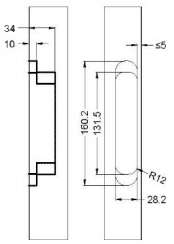
Vertical	±3mm
Horizontal	+4mm、-2mm
Depth	±1mm

CUT OUT DRAWING

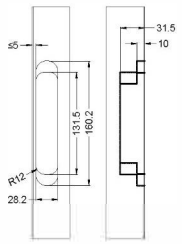
NOTE：The edge of door and frame need to be applied with C1 or R1 processing.(refer to "A"in the drawing)



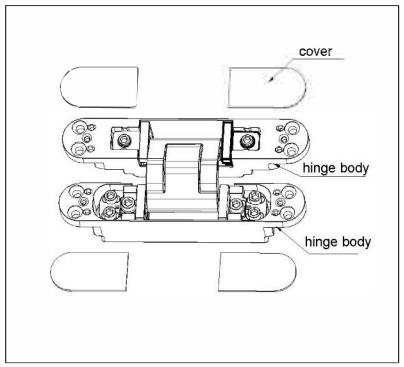
cut out drawing for door side



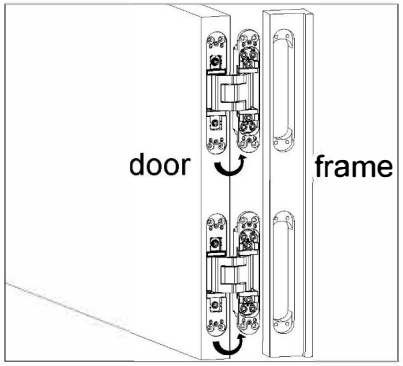
cut out drawing for frame side



a.hinge detail

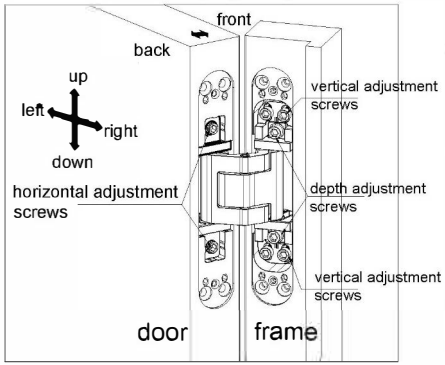


b.INSTALLATION



c.ADJUSTMENT

(direction shows when door is in closing situation)



INSTALLATION STEP：

1.Refer to figure a,remove the covers from hinge.
2.Refer to figure b,temporarily hang the door by inserting both upper and lower hinge into the upper and lower cutout position at the same time.
3.Make sure all screws are fixed after installation.

NOTE:

1.Make sure the hinge body is installed in correct position on door and frame.
2.Do not open/close with excessive force,or door may fall down.

ADJUSTMENT STEP：

1.Vertical adjustment

Loosen vertical adjustment screws one turn with allen key to adjust.Then tighten screws once the door in proper height.

2.Depth adjustment

Loosen depth adjustment screws one turn with allen key to adjust.Then tighten screws once the door in proper position.

NOTE：

1.Recommended fastening force for vertical and depth adjustment is 3N.m(30.6kgf.cm).
2.To prevent door falling,do not remove vertical adjustment screws.

3.Horizontal adjustment

Turn the horizontal adjustment screws in clockwise direction to widen the gap between door and frame.To narrow the gap,turn the screws in counter clockwise direction.

NOTE：

1.Gently turn horizontal adjustment screws for upper and lower hinge at the same time.do not force turning of screws.
2.Do not loosen the horizontal adjustment screws in clockwise direction over than 3.5mm,or door may fall.

4.Finally,install all covers.

NOTE：

1.Do not handle the covers with excessive force or they may break.

HC340160 Installation Templates

