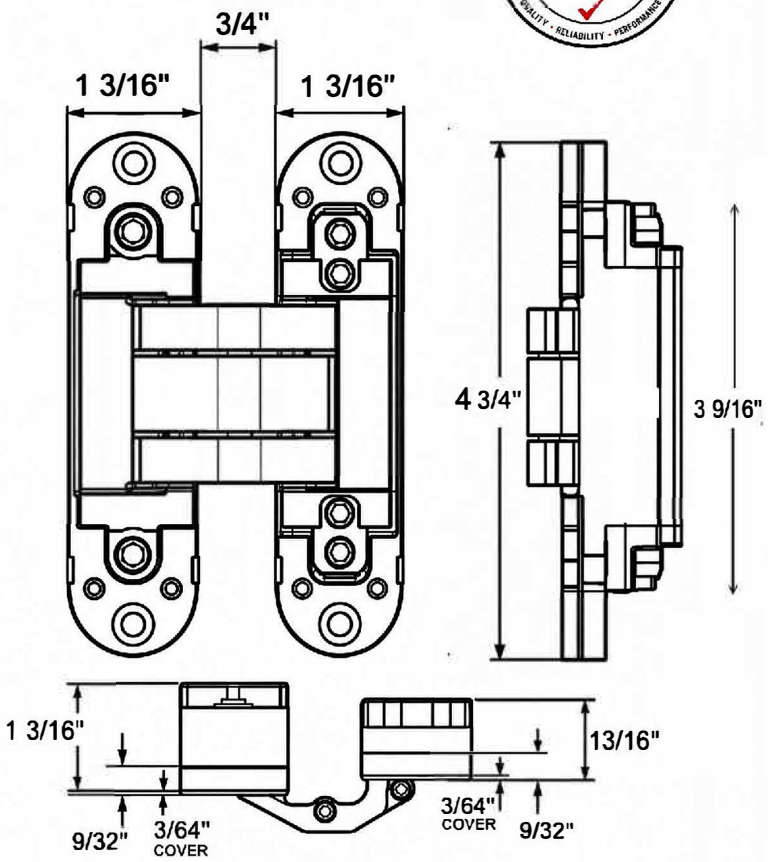
AURUMDESIGN

HC300120 3D hinge for 132 lb. doors (2 hinges)





Technical data

Capacity* (2 HINGES)	132 lb.
Hinge height	4 3/4"
Width Door side	1 3⁄16"
Width frame side	1 3⁄16"
Depth Door side	1 3⁄16"
Depth frame side	13⁄16"
Door opening angle	180°

Side adjustment	± 1⁄16"
Height adjustment	± 3⁄32"
Depth adjustment	± 1⁄16"

* 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	HC300120 INVISIBLE HINGE	List Price $ 80 ea.

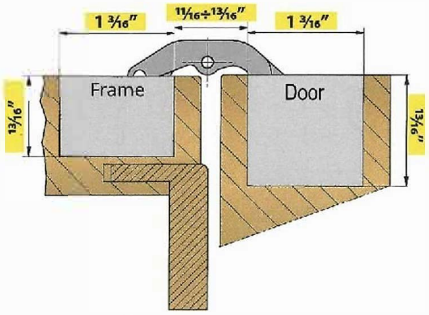
EXCLUSIVE DOOR HARDWARE

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AURUMDESIGN

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

DESIGNED & TESTED IN CANADA
QUALITY • RELIABILITY • PERFORMANCE

Stock Finishes

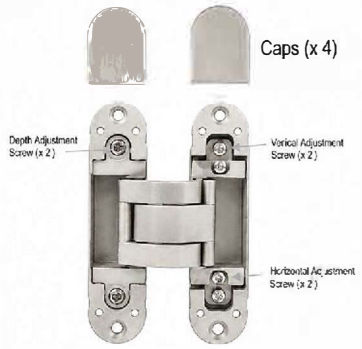


US19 - Flat Black



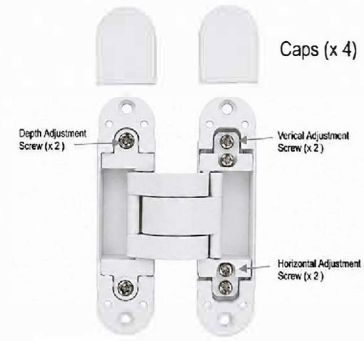


US15 - Satin Nickel





White Matt



Model	**HC300120 INVISIBLE HINGE**	List Price $ 80 ea.

EXCLUSIVE DOOR HARDWARE

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AURUMDESIGN

HC300120 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		120 mm	4 3/4"
Width door side		30 mm	1 3/16"
Width frame side		30 mm	1 3/16"
Depth door side		30 mm	1 3/16"
Depth frame side		21 mm	13/16"
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			

Model	HC300120 INVISIBLE HINGE	Stock Finishes: ❒ White Matt ❒ US19 - Flat Black ❒ US15 - Satin Nickel

EXCLUSIVE DOOR HARDWARE

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3D ADJUSTABLE CONCEALED HINGE
ISTALLATION MANUAL

HC300120

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（5x40）8 pcs
*Allen Key S4 1 pc
*Allen Key S3 1 pc
*Installation Manual 1 pc

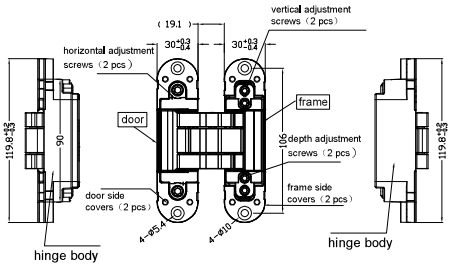
DOOR SPECIFICATIONS

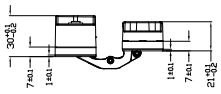
Max.Door Weight	65kg(2pcs)
Door Thickness	38mm-55mm
Max.Door Width	900mm
Max.Door Height	2100mm

ADJUSTMENT

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

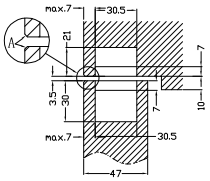
HINGE PARTS



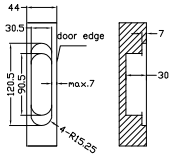


CUT OUT DRAWING

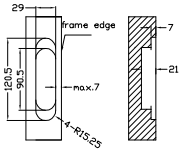
NOTE: The edge of door and frame need to be applied with C1 or R1 processing.(refer to "A"in the drawing)



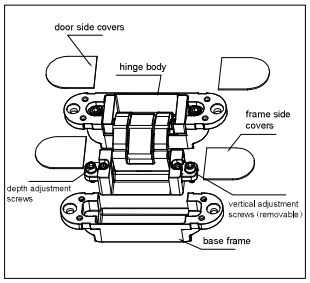
cut out drawing for door side



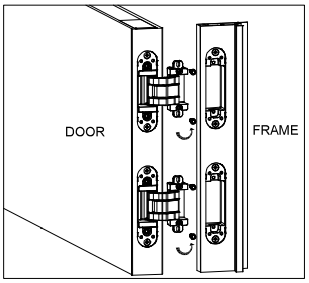
cut out drawing for frame side



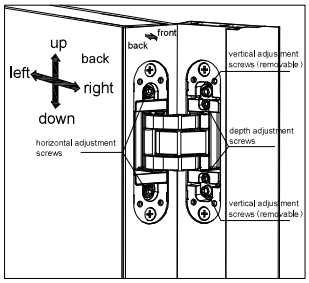
a.HINGE DETAIL



b.INSTALLATION



c.ADJUSTMENT
（direction shows when door is in closing situation)



INSTALLATION STEP：

1.Refer to figure a,remove the covers and vertical adjustment screws and seperate base frame from hinge.
2.Install base frame parts into frame cutout position.
3.Install door side parts into door cutout position.
4.Refer to figure b,temporarily hang the door by inserting both upper and lower hinge parts into the upper and lower base frames at the same time.
5.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 screw one turn with allen key to adjust.Then tighten screws once the door in proper height.
2.Depth adjustment
Loosen depth adjustment screw 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 screw in clockwise direction to widen the gap between door and frame.To narrow the gap,turn the screw 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 3mm,or door may fall.

4.Finally,install all covers.

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

HC300120 Installation Templates

