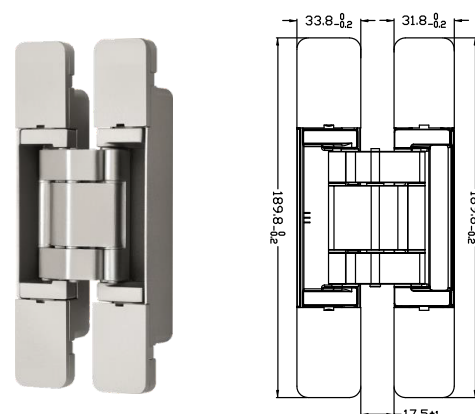


SQUARE SHPED

KCH100S

**Door Specification**

2pcs 2300 x 900 : 100kg
 3pcs 2500 x 900 : 100kg
 4pcs 3500 x 1200 : 100kg

Adjustment

Vertical : +/- 3mm
 Horizontal : +/- 2mm
 Depth : +/- 1mm

OTHER PRODUCTS INFORMATION

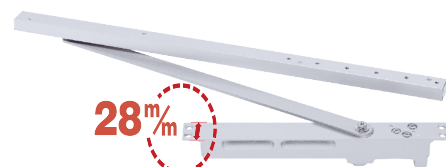
Concealed Door Closer No.1600

Concealed Door Closer

KENWA

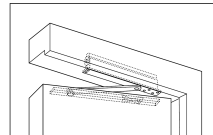
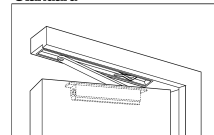
NHN[®] 1600U SERIES

*Completely concealed into door and door frame
 to streamline the external appearance.*



Standard

Reverse

**FEATURES**

NHN 1600 is a stylish closer which provides smooth closing using a needle bearing, ideal for reception rooms, hotel rooms, libraries etc. With closing speed and hold-open angle being easily adjusted.

NHN[®] KCH series

*NHN invisible door hardware offers
 beautiful and contemporary
 streamline appearance to the doors.*



KCH series completely hidden door hinge are designed to be mounted inside the door/frame so that keeps the aesthetic door appearance, ideal for the entrance where conventional type of door hinges/overhead door closers are not suitable or would interfere architectural design. Suitable for wooden, steel and aluminum doors, ideal solution for modern commercial and residential buildings.

Features

- Concealed into door and door frame.
- 3-D adjustability
- Opening angle :180 degrees
- Non-handed, works for left/right doors.
- Body: Special zinc alloy
- Durability: 200,000 times(Reference to standard EN1935)
- Corrosion: 48hours(Reference to standard EN1670)

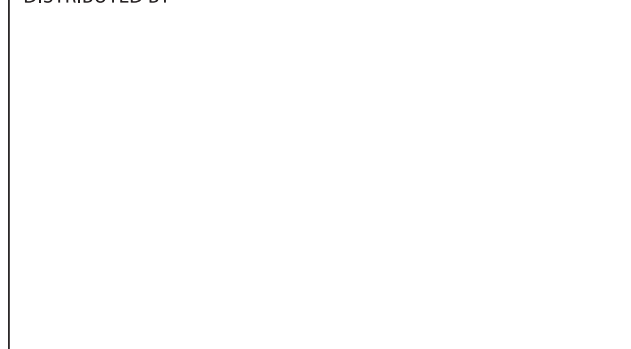


6TH FLOOR, MARUTAKE HONMACHI BLDG
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 TEL:+81-6-6265-1130~1
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E.&O.E.

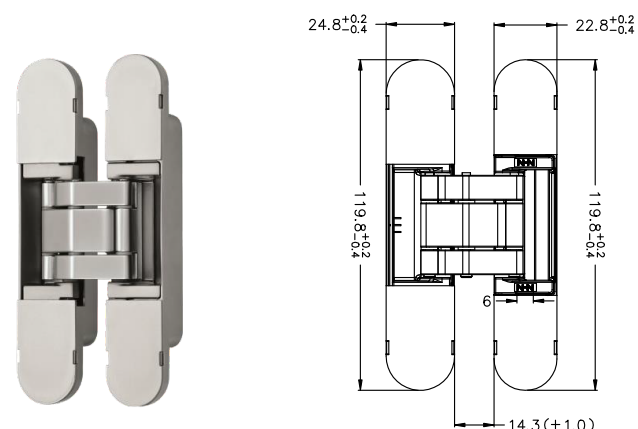
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Lineups

KCH4055

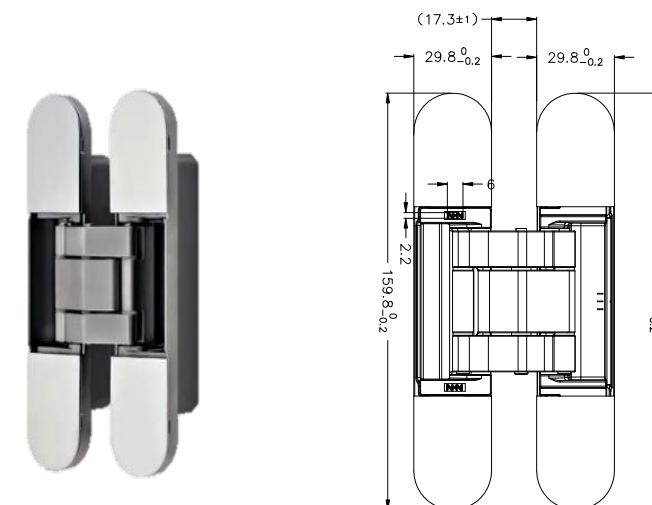

Door Specification

2pcs 2200 x 900 : 40kg
 3pcs 2600 x 900 : 50kg
 4pcs 3000 x 1000 : 55kg

Adjustment

Vertical : +/- 2mm
 Horizontal : -2mm, +3mm
 Depth : +/- 1mm

KCH80100

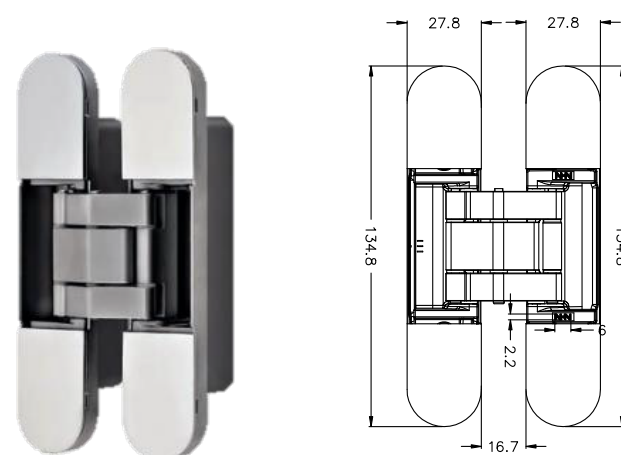

Door Specification

2pcs 2100 x 900 : 80kg
 3pcs 2600 x 900 : 90kg
 4pcs 2100 x 1100 : 100kg

Adjustment

Vertical : +/- 3mm
 Horizontal : -2mm, +4mm
 Depth : +/- 1mm

KCH6080

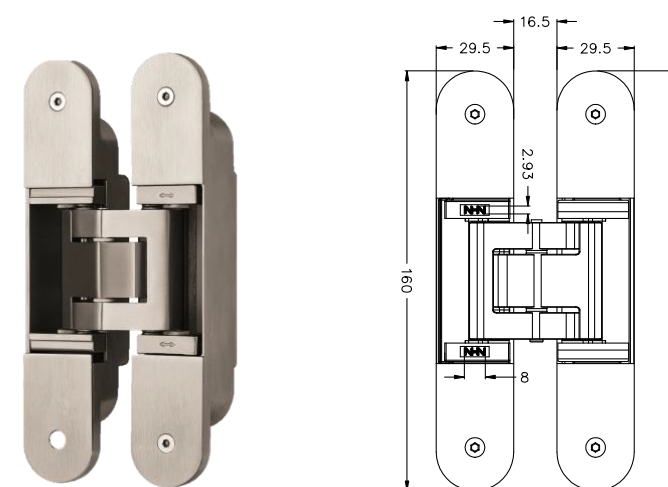

Door Specification

2pcs 2100 x 900 : 60kg
 3pcs 2600 x 850 : 70kg
 4pcs 2100 x 1100 : 80kg

Adjustment

Vertical : +/- 2mm
 Horizontal : -2mm, +4mm
 Depth : +/- 1mm

KCH120135


Door Specification

2pcs 2100 x 900 : 120kg
 3pcs 2400 x 900 : 135kg
 4pcs 3000 x 1200 : 135kg

Adjustment

Vertical : +/- 3mm
 Horizontal : +/- 1.5mm
 Depth : +/- 1.5mm

Finishes



Black



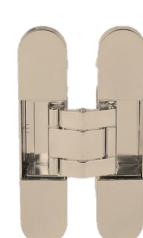
Stain chorme



White



Grey



Satin nickel



Antique brass



Polished chorme



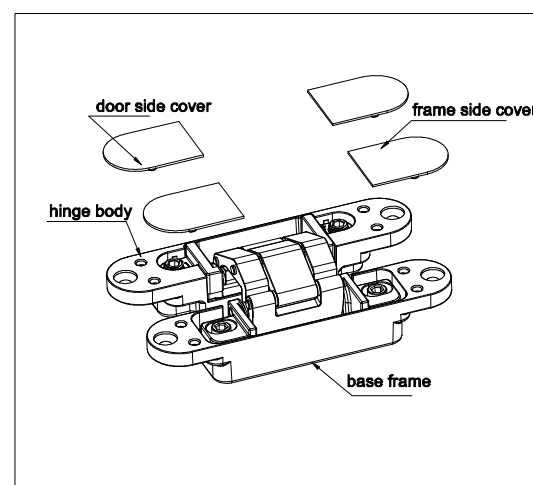
Polished brass



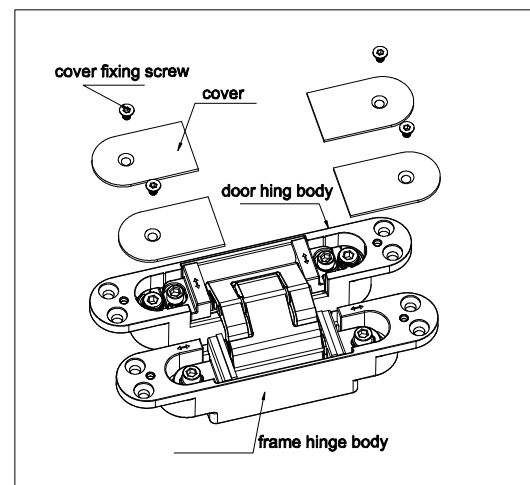
Satin brass

Installation & Adjustment

HINGE DETAIL

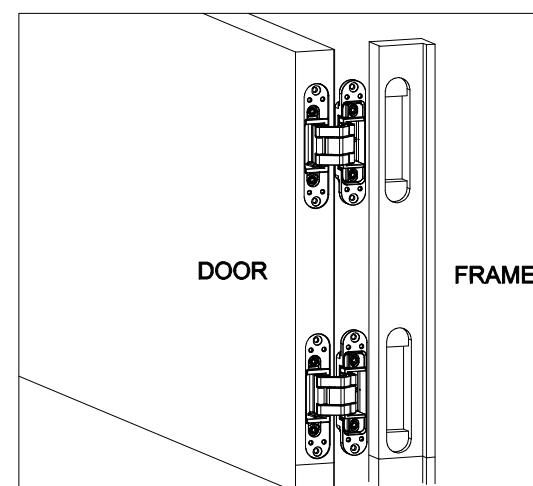


(KCH4055, KCH6080, KCH80100)



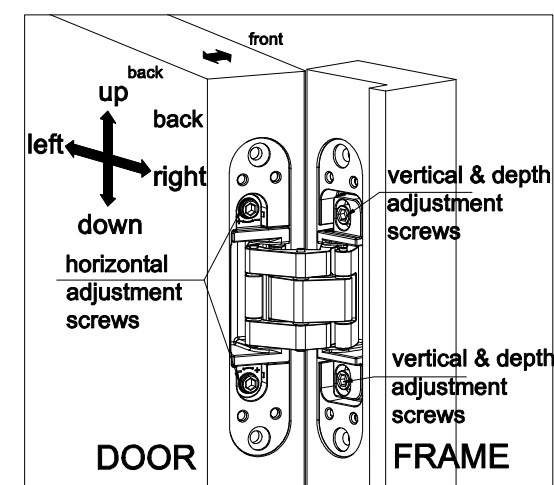
(KCH120135)

INSTALLATION



ADJUSTMENT

(direction shows when door is in closing situation)



INSTALLATION STEP:

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

ADJUSTMENT STEP:

1. Vertical adjustment

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

2. Depth adjustment

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

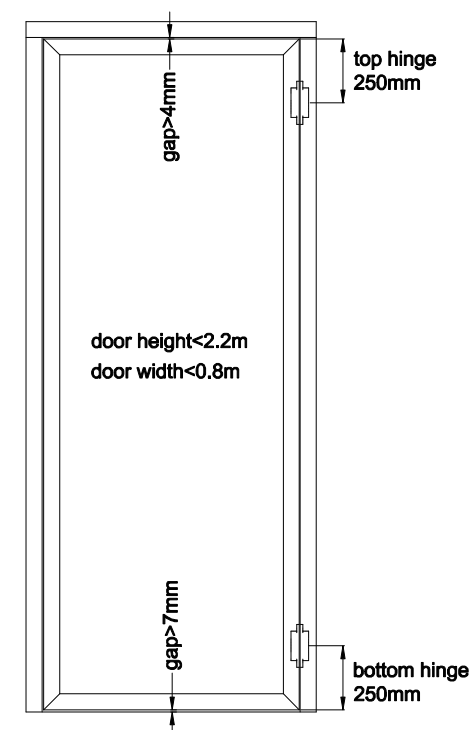
3. Horizontal adjustment

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.

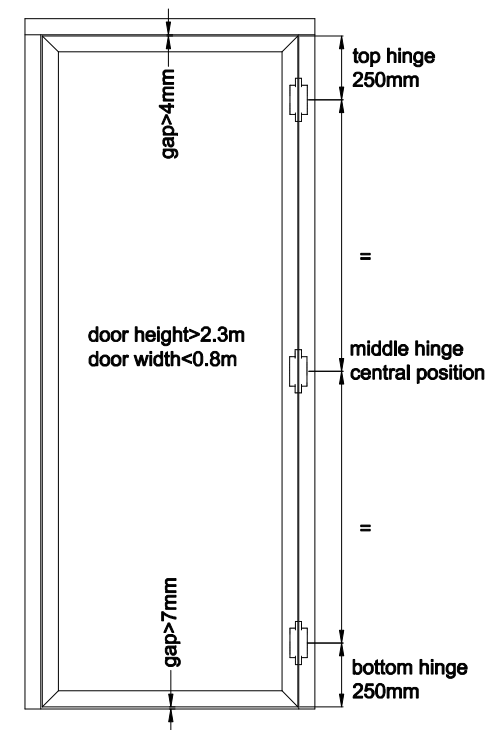
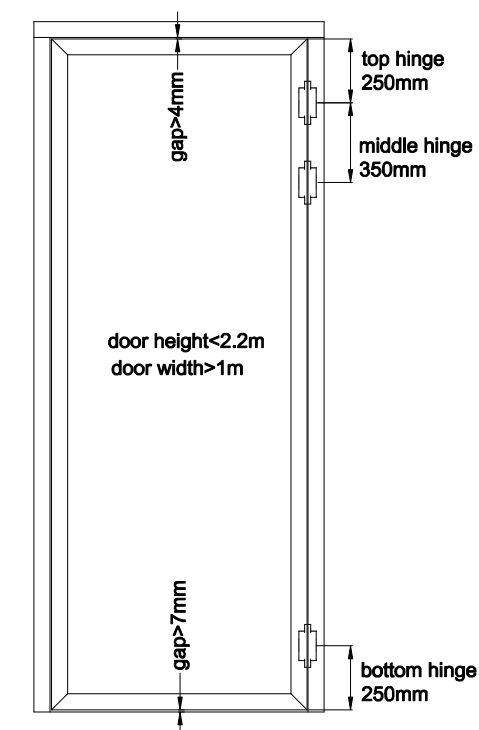
4. Finally, install all covers.

Hinge position

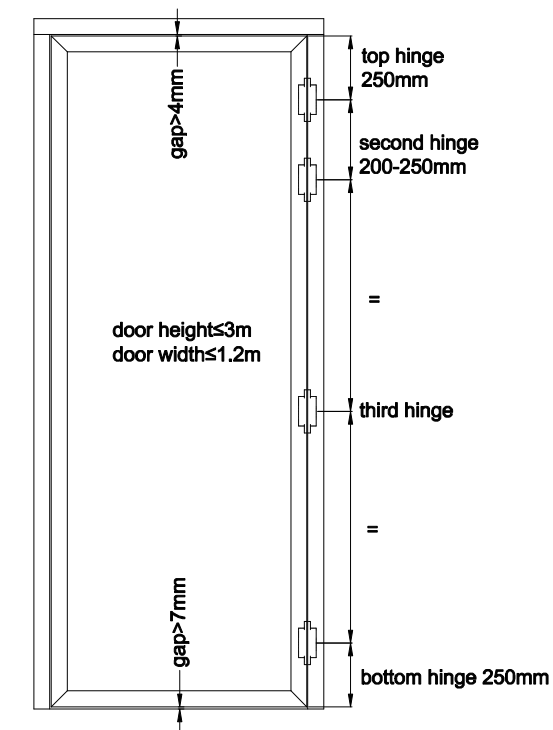
Normal Door



Over-width Door



Over-height Door



Over-height & width Door