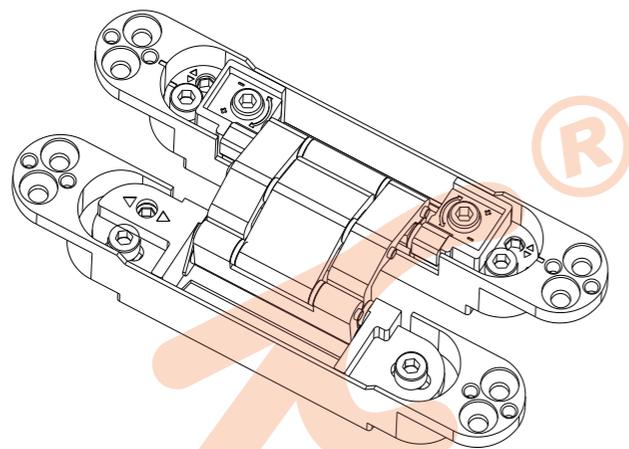


# ZCG 40KG-E

## 3d Adjustable Hidden Hinge



### 1. Technical Parameter

Main Material: Zinc Alloy Body - Extruded Aluminium Joiners

Applicable door types: wooden door, composite door, aluminum wood ecological door;

Application scenario: Home and commercial office interior doors

Opening angle:  $\leq 180^\circ$ ;

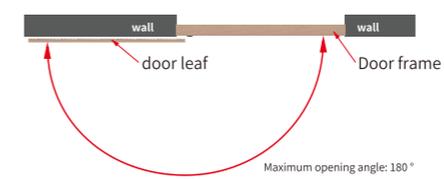
Suitable door thickness: 40-55mm;

Hole size: Make holes according to the drawing

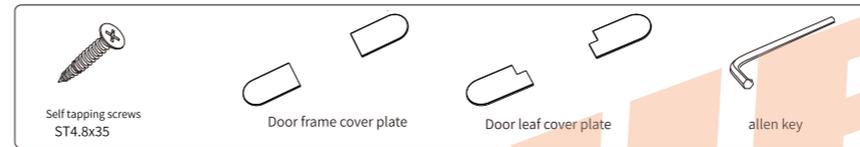
Adjustment range: up and down  $\pm 3$ mm, left and right  $\pm 2.5$ mm, front and back  $\pm 1$ mm;

Maximum load-bearing capacity:  $\leq 40$ kg per pair.

Top view of door leaf:



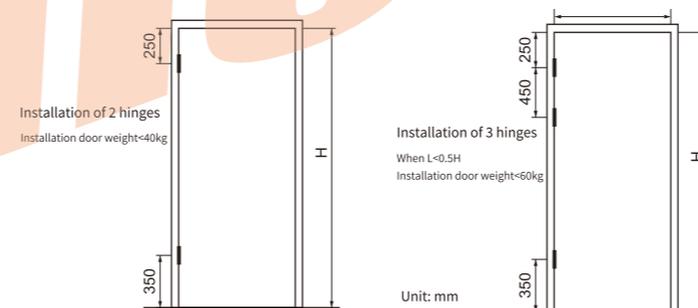
### 2. Product Accessories



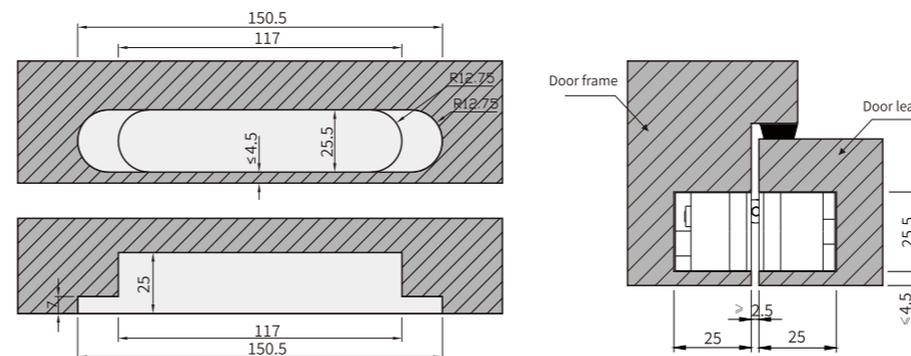
### 3. Installation Steps

#### 一、Installation location:

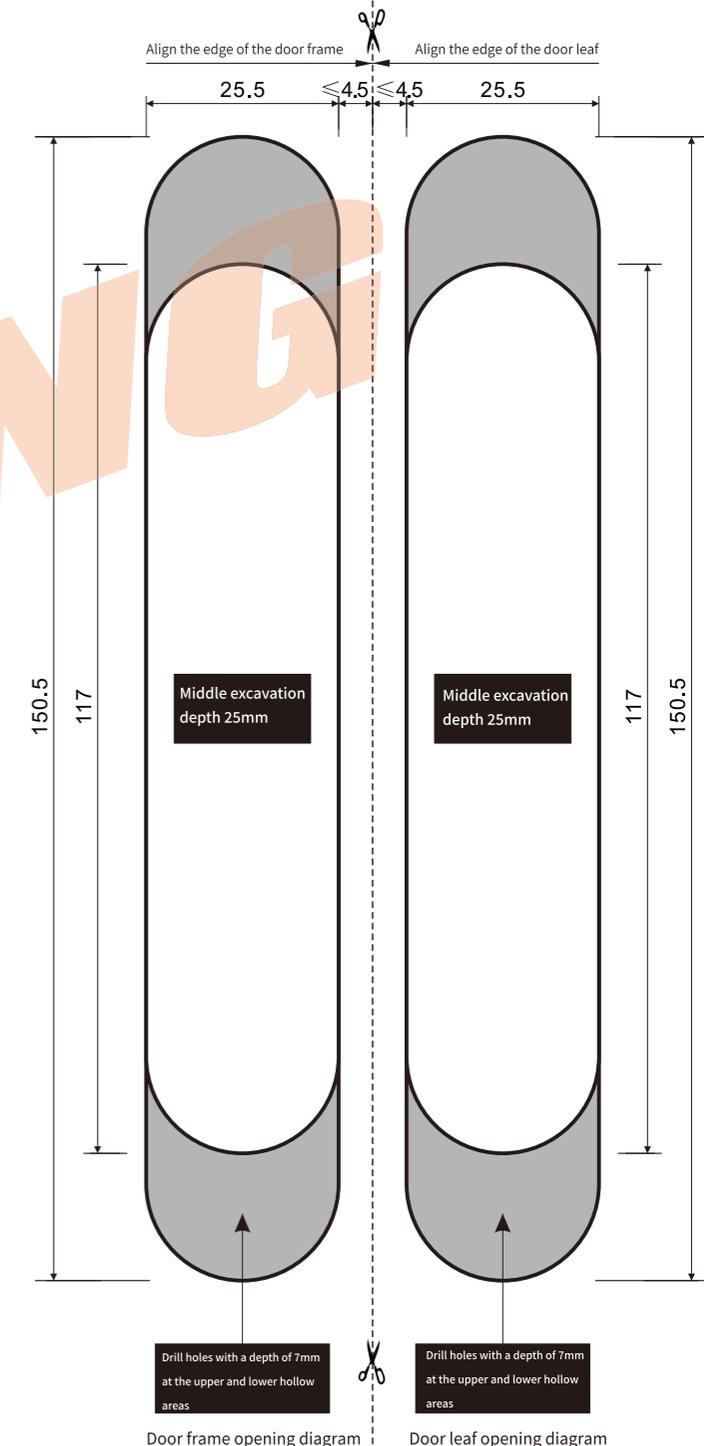
Determine the opening position of the door leaf and door frame according to the following installation method (left and right doors are the same), ensuring that the axis of the hinge installation hole on the same door leaf or door frame is on the same vertical line to avoid non parallel door leaf switches or inconsistent door gap sizes.



#### 二、Drill holes according to the dimensions on the drawing

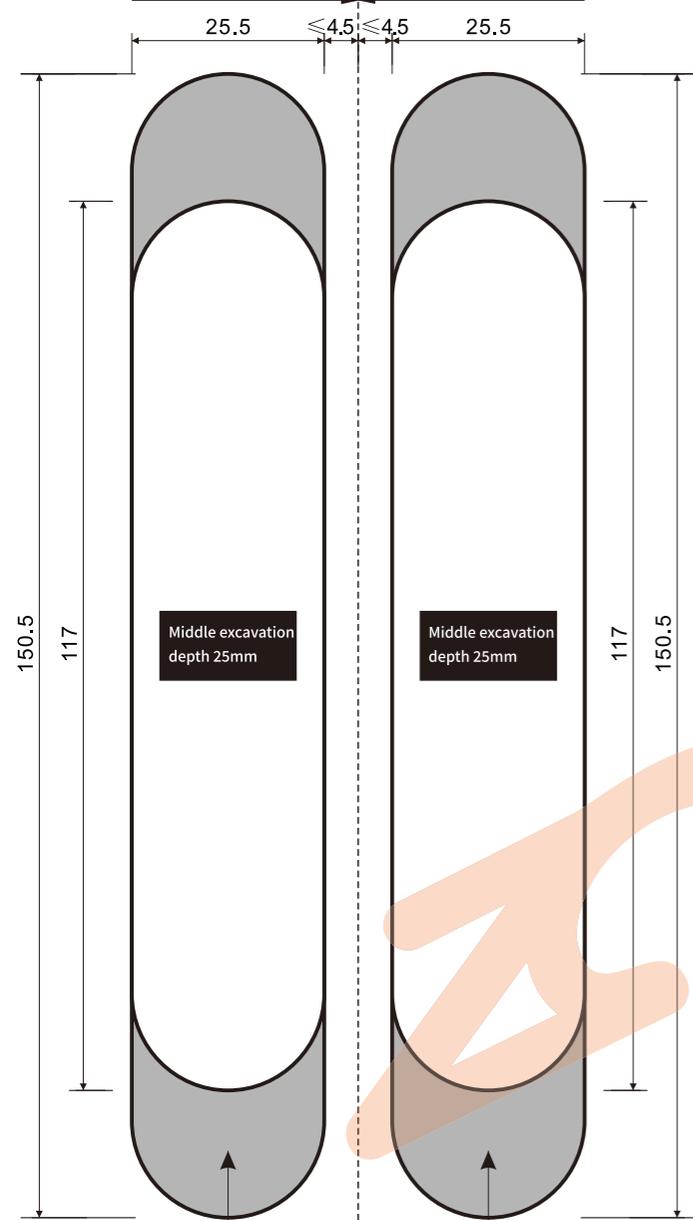


### INSTALLATION PAPER GAUGE



## INSTALLATION PAPER GAUGE

Align the edge of the door leaf      Align the edge of the door frame



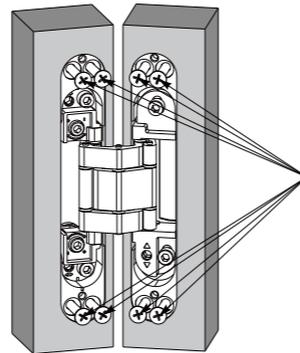
Drill holes with a depth of 7mm at the upper and lower hollow areas

Door leaf opening diagram

Drill holes with a depth of 7mm at the upper and lower hollow areas

Door frame opening diagram

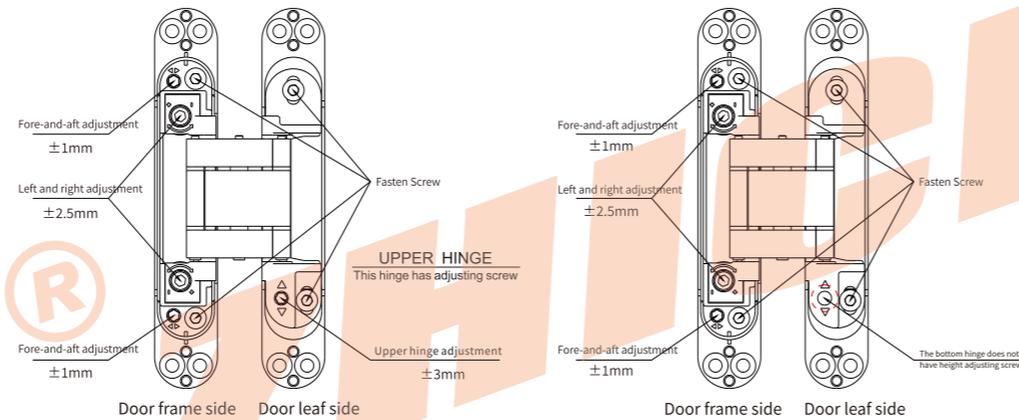
## 三、Locking screw



Tighten the screw vertically until the hinge plane is flat (the protruding plane will press against the cover plate, affecting the installation of the cover plate).

## 四、Adjustment instructions

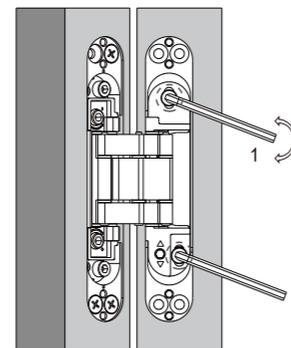
When adjusting, please pay attention to the symbol next to the screw. Rotate the screw in the direction indicated by the arrow, and the direction indicated by the symbol is the direction of the door's movement.



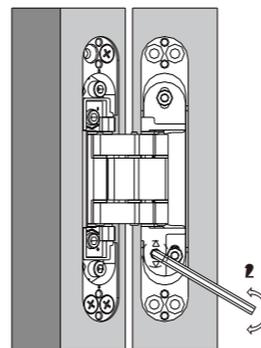
## 五、Adjustment method

1. Up and down adjustment method: The hinges installed on the door must be adjusted synchronously. Please follow the following steps to operate

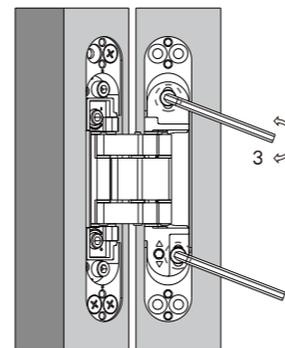
① Loosen the screw without identification symbol (rotate 1 turn)



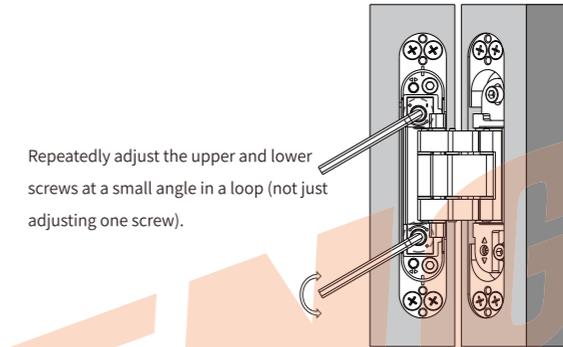
② Rotate the screw with the identification symbol to adjust the up and down position



③ After adjustment, tighten the screws without identification symbols



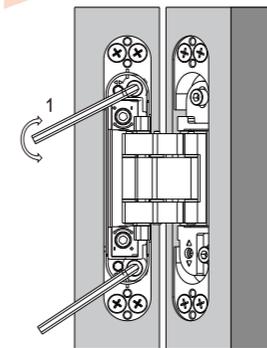
2. Left and right adjustment method: The hinges installed on the door must be adjusted synchronously. Please follow the following method to operate.



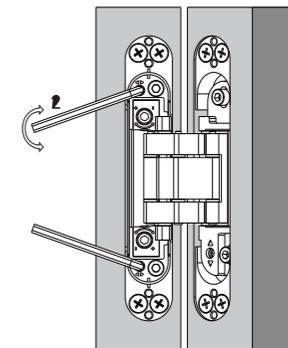
Repeatedly adjust the upper and lower screws at a small angle in a loop (not just adjusting one screw).

3. Front and rear adjustment method: The hinge installed on the door must be adjusted synchronously, please follow the following method.

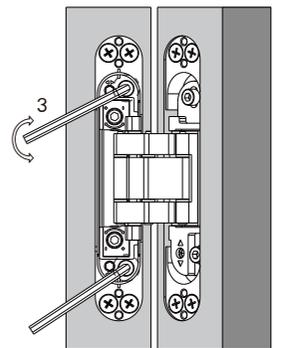
① Loosen the screw without identification symbol (rotate 1 turn)



② Rotate the screw with the identification symbol to adjust the front and rear positions



③ After adjustment, tighten the screws without identification symbols



## 六、Cover the lid.

