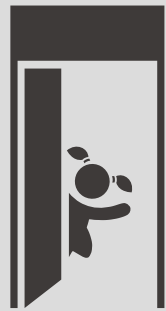


# WATERSON STAINLESS STEEL AUTO DOOR-CLOSER HINGE

Glass Door Series

**Open or Close the door, all without difficulty**  
**Reduce opening force more than 50%**



Great safety for  
little children



Effortless access  
for the elderly



Considerate design  
for the disabled

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## Lessen your Burdens

**Newest door closer lessen all your  
worries on door accessories**

Less work • No cuts in the floor  
Less cost • Save the total expense  
Less Strain • Effortless door opening with one finger

# GLASS DOOR SERIES

For 8-12 mm-thick glass



## Glass to Thin Wall Auto Door-Closer Hinge K51GWL - 500

Wall width  $\geq 38$  mm

### INSTRUCTION

Attach one side to frameless glass and the other side to wall



## Glass to Thick Wall Auto Door-Closer Hinge K51GW - 500

Wall width  $\geq 80$  mm

### INSTRUCTION

Attach one side to frameless glass and the other side to wall



## Glass to Frame Auto Door-Closer Hinge K51GM - 450

Frame thickness  $\geq 40$  mm

### INSTRUCTION

Attach one side to frameless glass and the other side to door frame, applicable to retrofit market



## Glass to Glass Auto Door-Closer Hinge K51GG - 500

Same glass thickness for both sides

### INSTRUCTION

Attach both sides to frameless glass directly

## ► AUTO-CLOSING MODE

Under 75 KG

(SS , HA ) = ( top , bottom )

Under 120KG

(SS , HA , SA1)=  
(top , middle , bottom)

## ► 90°±5° HOLD-OPEN MODE

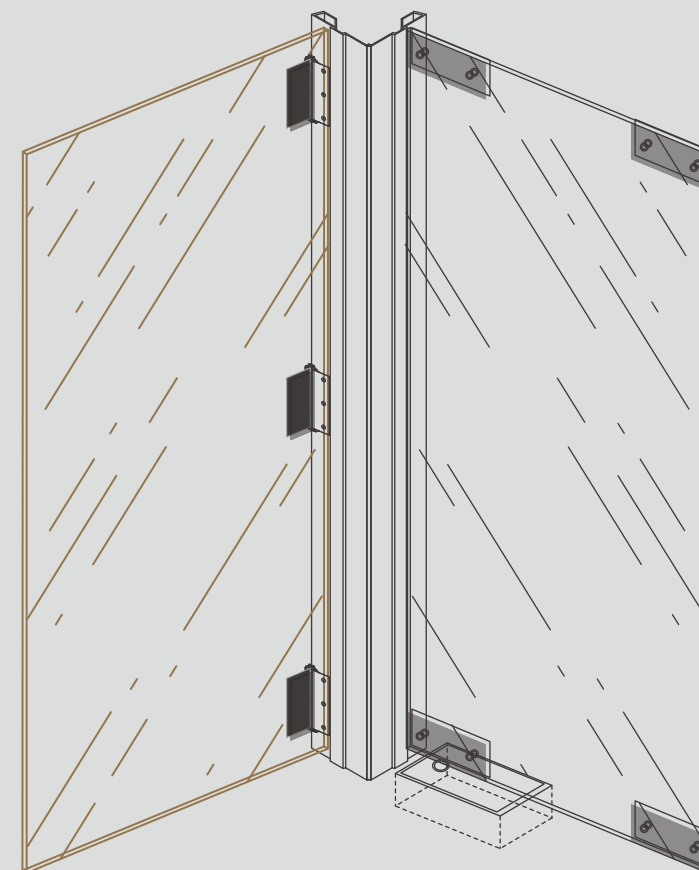
Under 75 KG

(SS, HB) = ( top , bottom )

Under 120KG

(SS , HB , SA)=  
( top , middle , bottom )

## COMPARISON CHART



	Waterson Auto Door-Closer Hinge	Floor Spring
Installation Position - hinge position	Directly installed on the door	Buried in floor; difficult for installation and repair
User Experience	Easy to open	Hard to open
Outdoor Use	Yes and highly durable	Not durable
Total cost	Low	High
Product Lifetime	Tested to 1 million cycles	Depending on brands
Hold-Open	90±5 hold-open mode	90°/135°/180° and other angles

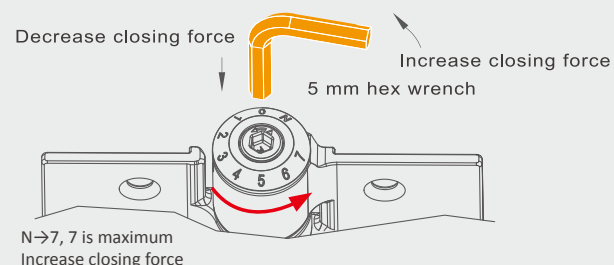
## OPERATION INSTRUCTION

### ► Adjustment to closing force

The N→7 indicates door closing force the larger the number is, the greater the closing force is.

"N" is the default setting. At scale "N" press down to turn to scale 0.

See the adjustment direction below, 7 is maximum.

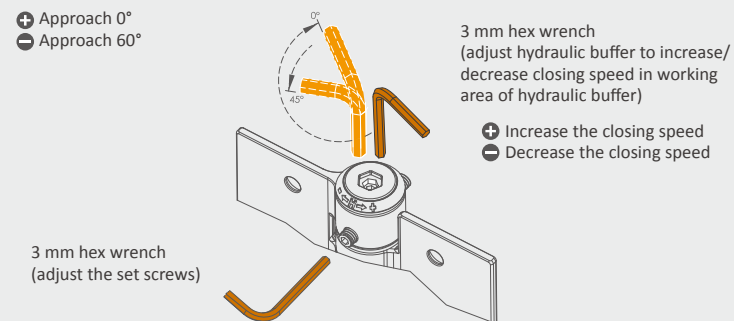


### ► Adjustment to hydraulic buffer

Please open the door to 90° before adjustment

5 mm hex wrench  
(adjust the starting position of hydraulic buffer)

- ⊕ Approach 0°
- ⊖ Approach 60°



3 mm hex wrench  
(adjust hydraulic buffer to increase/decrease closing speed in working area of hydraulic buffer)

- ⊕ Increase the closing speed
- ⊖ Decrease the closing speed

### ► Adjustment to closing speed

The self-closing speed is micro-adjustable through the speed screw at the bottom

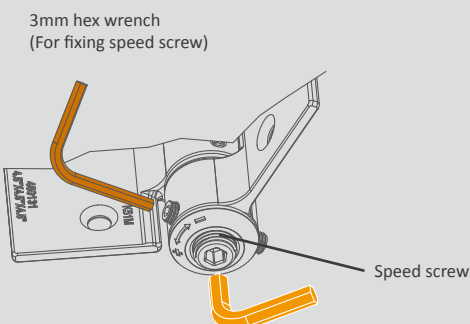
- ⊕ Increase the closing speed
- ⊖ Decrease the closing speed

### ► Adjustment to hold-open

Use the speed screw at the bottom to adjust hold-open at 90°±5°

Holding door at the opening position

- ⊕ Gradually turn on the hold-open
- ⊖ Gradually turn off the hold-open



5 mm hex wrench  
( Speed screw : for adjusting closing speed )