

# MQ SERIES

## MQ Series 95° Mini Soft Closing Concealed Hinge with Fixed Plate

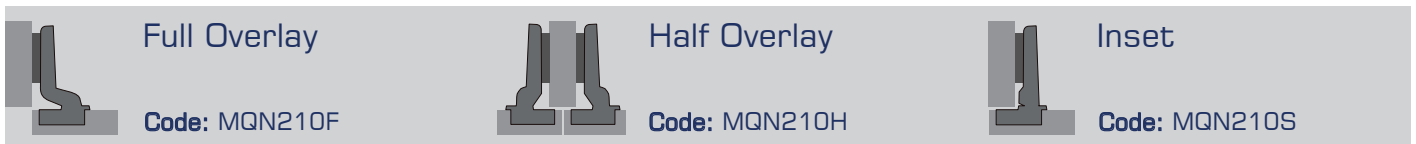


### Specification

<b>Opening Angle</b>	95°
<b>Function</b>	Soft Close
<b>Plate Type</b>	Fixed Plate
<b>Cup Depth</b>	9.6 mm
<b>Cup Diameter</b>	26 mm
<b>Drilling Distance</b>	3 mm - 7 mm
<b>Door Thickness</b>	12 mm - 18 mm
<b>Material</b>	Cold Rolled Steel
<b>Height Adjustment Range</b>	4 mm
<b>Overlay Adjustment Range</b>	6 mm
<b>Depth Adjustment Range</b>	5 mm
<b>Finish</b>	Copper Nickel
<b>Packaging</b>	100 Units per Carton

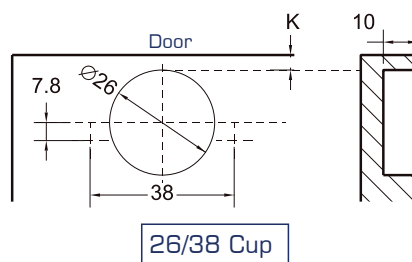
### Notable Features

- Compact design.



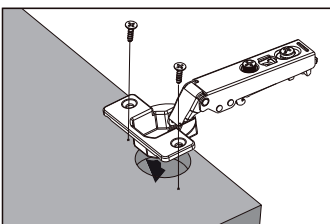
**Additional Options:** 1P - Individual Hinge, Caps for Arm and Cup, Mounting Plate and Screws in Sealed Bag  
 2P - Pair of Hinges, Caps for Arm and Cup, Mounting Plates and Screws in Sealed Bag  
 ND - No Damper

### Drilling For Cup



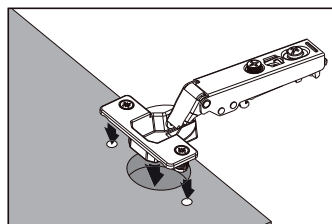
### Cup Installation

#### Screw-on



Installation Method	Code
Wood Screws	S2
Euro Screws	S4

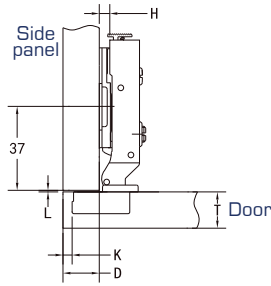
#### Press-in



Installation Method	Code
8 mm Dowels	K5
10 mm Dowels	K6

## Overlay Table

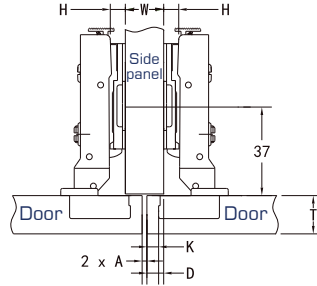
### Full Overlay



$$H = 11 + K - D$$

D \ K	3	4	5	6	7	
H	0	14	15	16	17	18
2	12	13	14	15	16	
4	10	11	12	13	14	

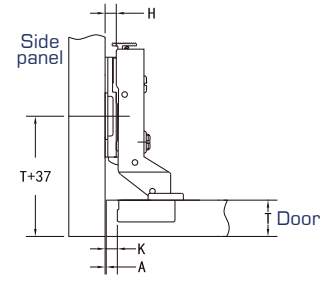
### Half Overlay



$$H = 2 + K - D$$

D \ K	3	4	5	6	7	
H	0	5	6	7	8	9
2	3	4	5	6	7	
4	1	2	3	4	5	

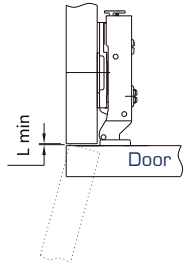
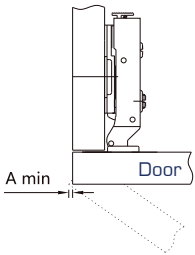
### Inset



$$H = -4 + K + A$$

A \ K	3	4	5	6	7	
H	0	1	0	-1	-2	-3
2	3	2	1	0	-1	
4	5	4	3	2	1	

## Minimum Reveal Table



A \ T	K	12	13	14	15	16	17	18
3	0.0	0.0	0.1	0.6	1.2	1.7	2.2	
4	0.0	0.0	0.0	0.5	1.0	1.5	2.1	
5	0.0	0.0	0.0	0.3	0.9	1.4	1.9	
6	0.0	0.0	0.0	0.2	0.7	1.2	1.8	
7	0.0	0.0	0.0	0.0	0.5	1.1	1.6	

L \ T	K	12	13	14	15	16	17	18
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
6	1.0	1.1	1.2	1.3	1.4	1.5	1.6	
7	2.0	2.1	2.2	2.3	2.4	2.5	2.6	

K = Boring distance

T = Door thickness

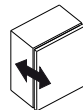
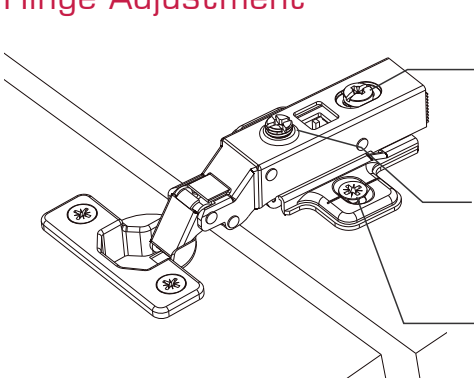
A = Minimum gap (A) for door with a door edge radius

L = Gap between door and panel

### Note:

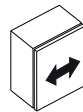
The minimum parameters in the reveal tables are based on doors with straight, square edges. A rounded or beveled profile will change the minimum reveal required.

## Hinge Adjustment



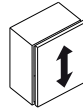
### Depth Adjustment

Move the hinge laterally to adjust door gap.



### Horizontal Adjustment

Rotate the hinge arm screw to increase or decrease door overlay.



### Vertical Adjustment

Adjust the mounting plate to increase or decrease the door height.

### Note:

The referenced adjustment range described is the product design range. The actual design of the cabinet and the drilling method may have a certain impact on the parameters.