

CM SERIES

CM Series 165° Soft Closing Concealed Hinge (Cam Adjustable)



Specification

Opening Angle	165°
Function	Soft Close
Plate Type	Clip On
Cup Depth	11.5 mm
Cup Diameter	35 mm
Drilling Distance	3 mm - 7 mm
Door Thickness	14 mm - 26 mm
Material	Cold Rolled Steel
Height Adjustment Range	Plate Adjustment
Overlay Adjustment Range	6 mm
Depth Adjustment Range	9 mm
Finish	Copper Nickel
Packaging	100 Units per Carton

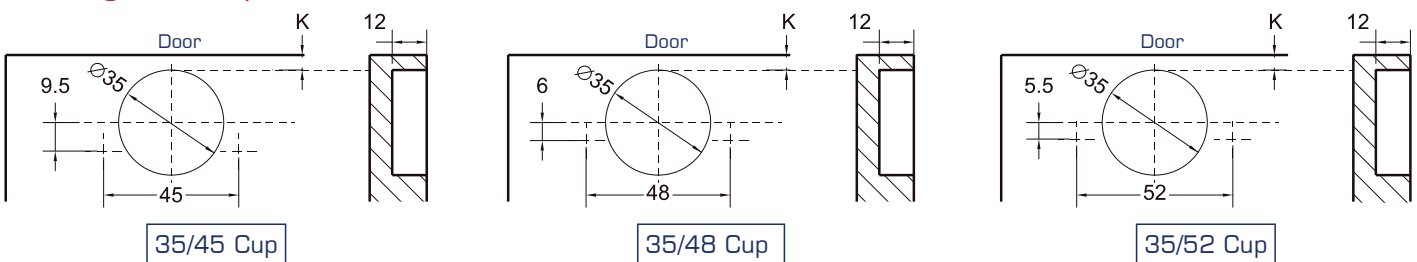
Notable Features

- Wide opening angle to take optimal advantage of available storage space.
- Soft closing function activates at very small angles.
- Heavy duty product.



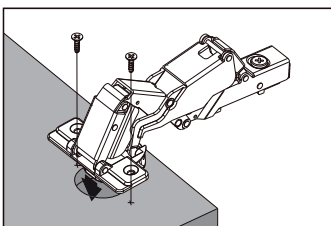
Additional Options: 1P - Individual Hinge, Caps for Arm and Cup, Mounting Plate and Screws in Sealed Bag
 ND - No Damper
 NS - No Spring
 PO - Push-to-Open

Drilling For Cup



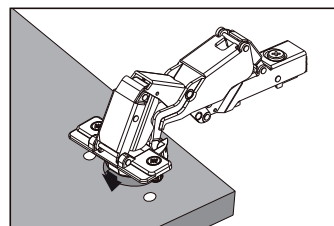
Cup Installation

Screw-on



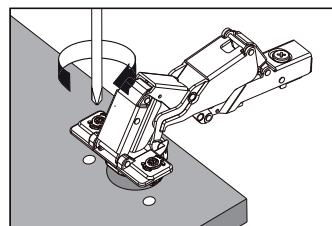
Installation Method Wood Screws
Code S2

Press-in



Installation Method 8 mm Dowels
 10 mm Dowels
Code K5
 K6

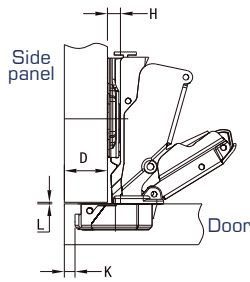
LIGO



Installation Method 8 mm Dowels
 10 mm Dowels
Code E5
 E6

Overlay Table

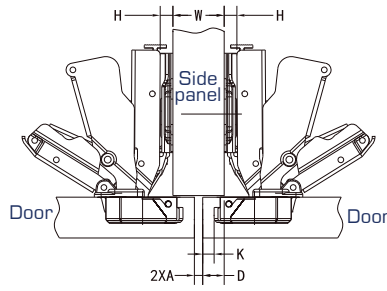
Full Overlay



$$H = 14 + K - D$$

D \ K	3	4	5	6	7
0	17	18	19	20	21
2	15	16	17	18	19
4	13	14	15	16	17

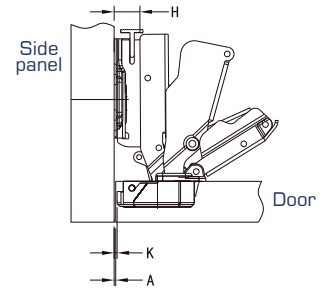
Half Overlay



$$H = 4 + K - D$$

D \ K	3	4	5	6	7
0	7	8	9	10	11
2	5	6	7	8	9
4	3	4	5	6	7

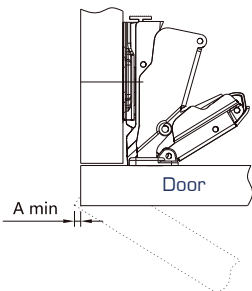
Inset



$$H = 0 + K + A$$

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

Minimum Reveal Table



A \ T	K	14	15	16	17	18	19	20	21	22	23	24	25	26
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6	2.1	2.7
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.4	2.0	2.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.2	1.8	2.3
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.2
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.5	2.0

K = Boring distance

T = Door thickness

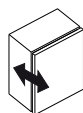
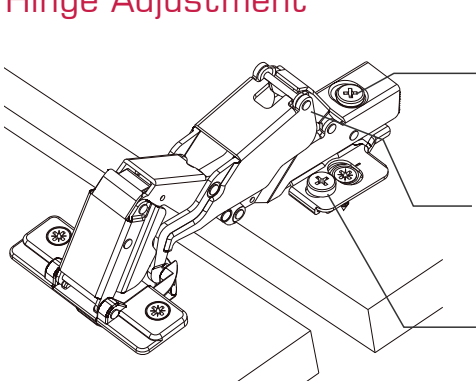
A = Minimum gap (A) for door with a door edge radius

L = Gap between door and panel

Note:

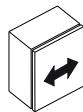
The minimum parameters in the reveal tables are based on doors with straight, square edges. A rounded or beveled profile will change the minimum reveal required.

Hinge Adjustment



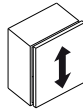
Depth Adjustment

Rotate the hinge arm cam to increase or decrease 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.

Plate Options: DS TS FP FS FM FN