



- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distance on the door(K):
3-6mm

Space needed to open the door

	T=	16	17	18	19	20	21	22	23	24	25	26
k=3	A=	0.6	0.9	1.1	1.4	1.7	2.1	2.5	3.0	3.6	4.4	5.1
k=4	A=	0.6	0.8	1.1	1.3	1.7	2.0	2.4	2.9	3.4	4.0	4.8
k=5	A=	0.6	0.8	1.0	1.3	1.6	1.9	2.3	2.8	3.2	3.8	4.5
k=6	A=	0.6	0.8	1.0	1.3	1.5	1.9	2.2	2.6	3.1	3.6	4.2

-T=Door thickness
-K=Possible drilling distance on the door

Space needed to open the door

	T=	16	17	18	19	20	21	22	23	24	25	26
k=3	L=	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8	1.0	1.3	1.6
k=4	L=	0.0	0.1	0.4	0.7	0.9	1.2	1.5	1.7	2.0	2.3	2.5
k=5	L=	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7	3.0	3.2	3.5
k=6	L=	1.8	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.5

-The above values are calculated on the assumption that the doors have square edges.
 -They are reduced if the doors have radiused edges.

5

9.5

45

Ø35

K

Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" for each door application.

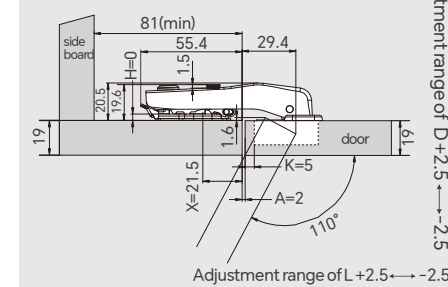


Nickel plated(A01)

Titanium black(A08)

90°

In-line cam-adjustable mounting plate is not available



Adjustment range of D+2.5 $\rightarrow$ -2.5

Item No.

Pcs/ctn

Soft-close

C82J675FA

200

Unsprung

A82J675A

200

ASSEMBLY AND ADJUSTMENT

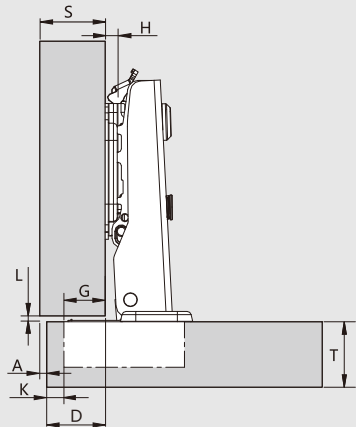
STYLISH Hinges Installation and Parameters



DTC

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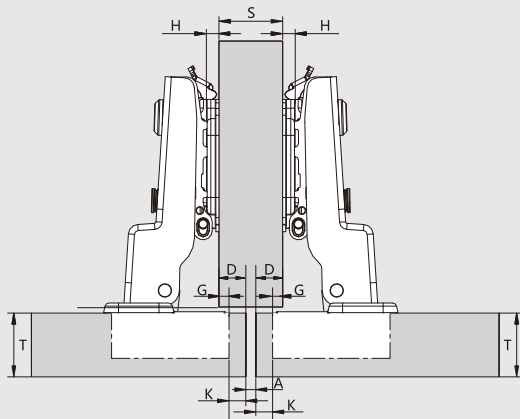
Application with full overlay door



S = Thickness of the cabinet side
D = Required door overlay
T = Door thickness
K = Drilling distance
A = Reveal
L = Gap between door and cabinet
H = Height of mounting plate
G = Hinge constant

Whatever door overlay is required, you can select from our range the combination of both the type of hinge arm and the thickness of mounting plate necessary to solve your construction problems and avoid the need to stock too many different components.

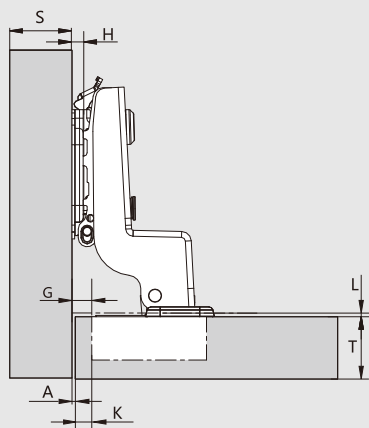
Application with half overlay door



S = Thickness of the cabinet side
D = Required door overlay
T = Door thickness
K = Drilling distance
A = Reveal
L = Gap between door and cabinet
H = Height of mounting plate
G = Hinge constant

Whatever door overlay is required, you can select from our range the combination of both the type of hinge arm and the thickness of mounting plate necessary to solve your construction problems and avoid the need to stock too many different components.

Application with inset door

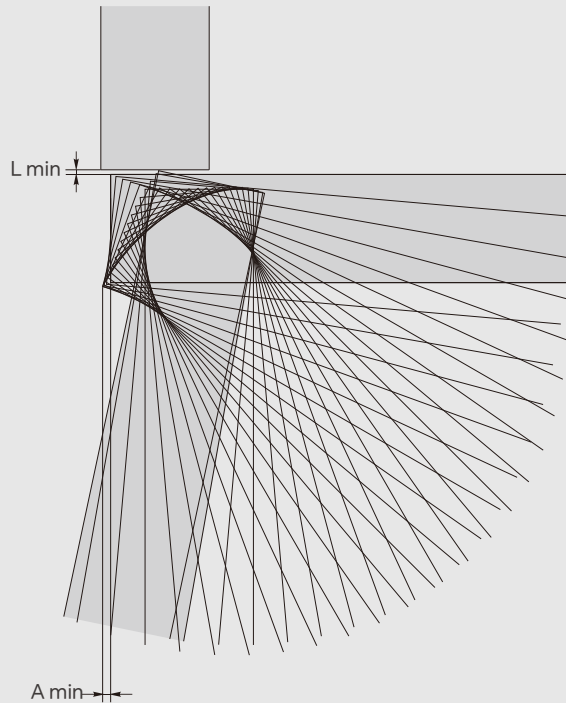


S = Thickness of the cabinet side
T = Door thickness
K = Drilling distance
A = Reveal
L = Gap between internal face of door and internal cabinet elements(e.g shelves, drawer, etc.)
H = Height of mounting plate
G = Hinge constant

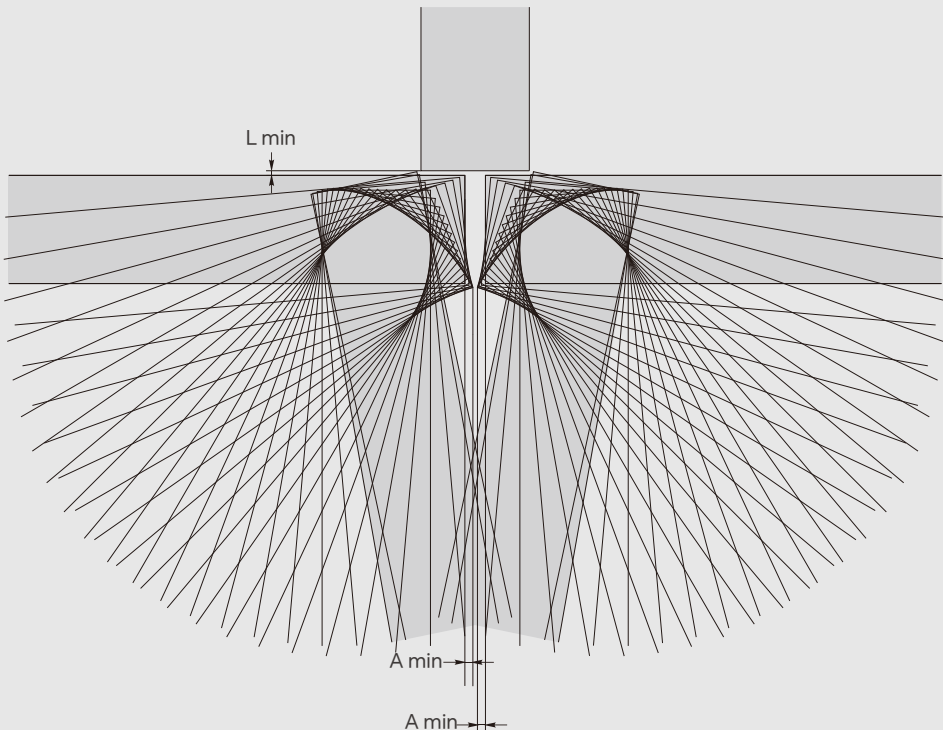
Whatever door overlay is required, you can select from our range the combination of both the type of hinge arm and the thickness of mounting plate necessary to solve your construction problems and avoid the need to stock too many different components.

PLANNING

Simulation of the opening movement of a 110° hinge with full overlay door



Simulation of the opening movement of a 110° hinge with half overlay door



ASSEMBLY AND ADJUSTMENT

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Side adjustment

Side adjustment of the door is made by using the indicated screw

Depth adjustment

Depth adjustment is made without loosening any screw. The door can be moved in or out by rotating the adjustment screw on the hinge arm.

Height adjustment

Height adjustment is made without loosening any screw. The door can be moved up or down by rotating the adjustment screw on the mounting plate.

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Door height	Door width less than 600mm	Weight	Number of hinges
Up to 2800mm	≤22.5kg	7	
Up to 2600mm	≤22.5kg	6	
Up to 2400mm	≤22.5kg	5	
Up to 2000mm	≤18kg	4	
Up to 1600mm	≤14kg	3	
Up to 900mm	≤8kg	2	

L=distance between hinges, performance is best when L is as far apart as possible

Hinges needed per door
The number of hinges needed depends on three factors: Height, Width and Weight of the door. This illustration can be used as a general guide, however a trial is suggested for doors made of heavier materials. Performance is best when distance (L) is as far apart as possible on doors with two hinges. This is especially important for doors that are wider than they are tall to prevent door sag.

Adjustment

Side adjustment: -4mm~+2mm
Depth adjustment: -2.5mm~+2.5mm
Height adjustment: ±2mm

Mounting plates

Two-hole and four-hole mounting plates
Cam-adjustable mounting plates