

STYLISH

C82 Series 95° Anyway Snap-on Cam-adjustable Soft-close Hinges for Thick Door



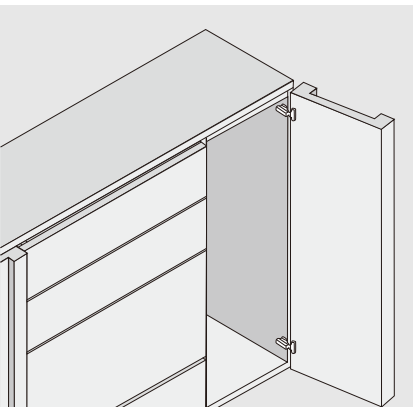
PRODUCT



DESCRIPTION

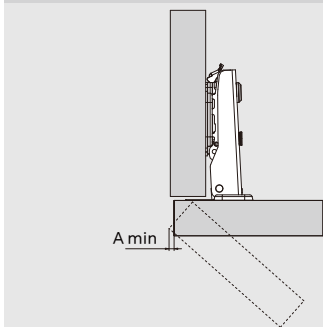
- Opening angle: 95°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 19-35mm
- Possible drilling distance on the door(K): 3-7mm

APPLICATION



PLANNING

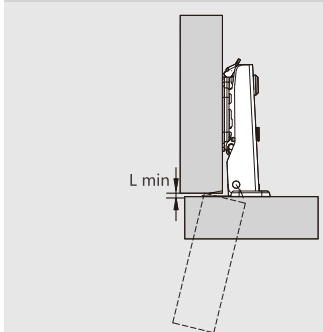
Space needed to open the door



	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
K=3	A=	0.1	0.2	0.2	0.3	0.5	0.6	0.9	1.9	2.8	3.7	4.7	5.6	6.6	7.6	8.5	9.5	10.5
K=4	A=	0.1	0.2	0.2	0.3	0.4	0.6	0.7	1.3	2.2	3.1	4.0	5.0	5.9	6.9	7.8	8.8	9.7
K=5	A=	0.1	0.1	0.2	0.3	0.4	0.6	0.7	1.0	1.6	2.5	3.4	4.3	5.3	6.2	7.1	8.1	9.0
K=6	A=	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	2.0	2.9	3.7	4.7	5.6	6.5	7.4	8.3
K=7	A=	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.5	2.3	3.2	4.1	5.0	5.9	6.8	7.7

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

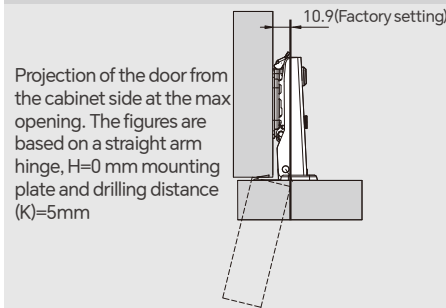
Space needed to open the door



	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5
K=5	L=	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4
K=6	L=	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2
K=7	L=	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9

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

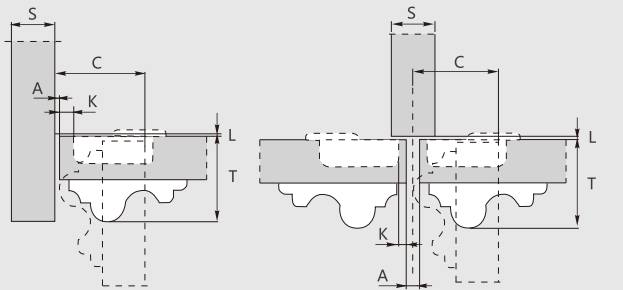
Projection of the door



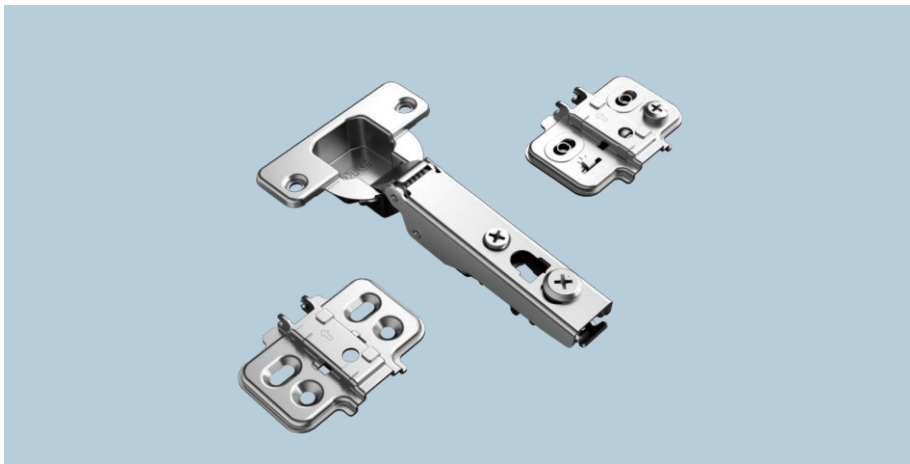
"C" value

$C = 22 + K + A$

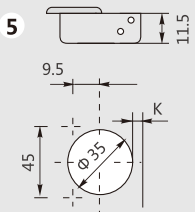
With this formula you can obtain the max thickness of the moulded door that can be opened without touching adjacent carcass sides, doors or walls, whilst bearing in mind the above L-K-T values.



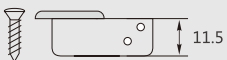
ORDER INFORMATION



Ø35mm Hinge cup types



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.



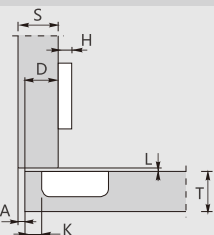
Nickel plated(A01) Titanium black(A08)

C82 Series 95° Anyway Snap-on Cam-adjustable Soft-close Hinges for Thick Door

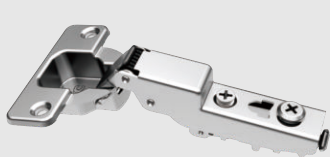
Full overlay C=0



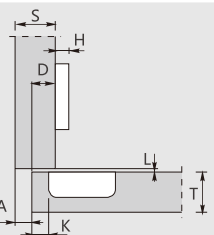
$H = 12 + K - (D)$
(Factory setting)



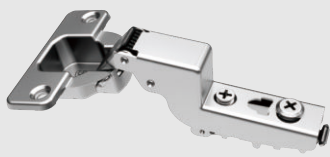
Half overlay C=9



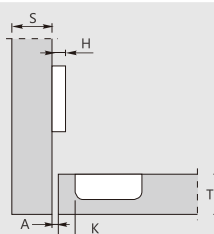
$H = 3 + K - (D)$
(Factory setting)



Inset C=18



$H = -6 + K + (A)$
(Factory setting)



	Item No.	Pcs/ctn
Soft-close	C82A615FA	200
Unsprung	A82A615A	200

	Item No.	Pcs/ctn
Soft-close	C82B615FA	200
Unsprung	A82B615A	200

	Item No.	Pcs/ctn
Soft-close	C82C615FA	200
Unsprung	A82C615A	200

ASSEMBLY AND ADJUSTMENT

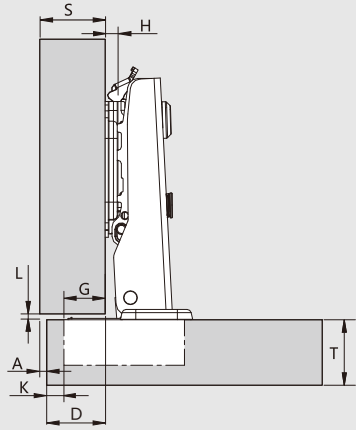
STYLISH Hinges Installation and Parameters



DTC

PLANNING

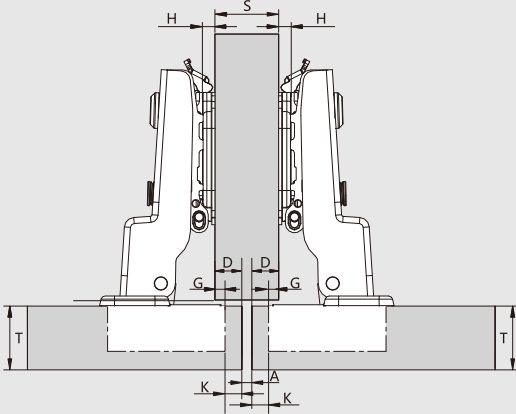
Application with full overlay door



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

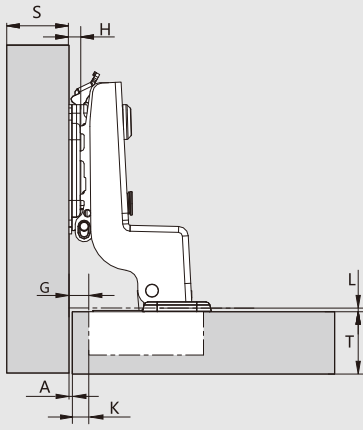
Application with half overlay door



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

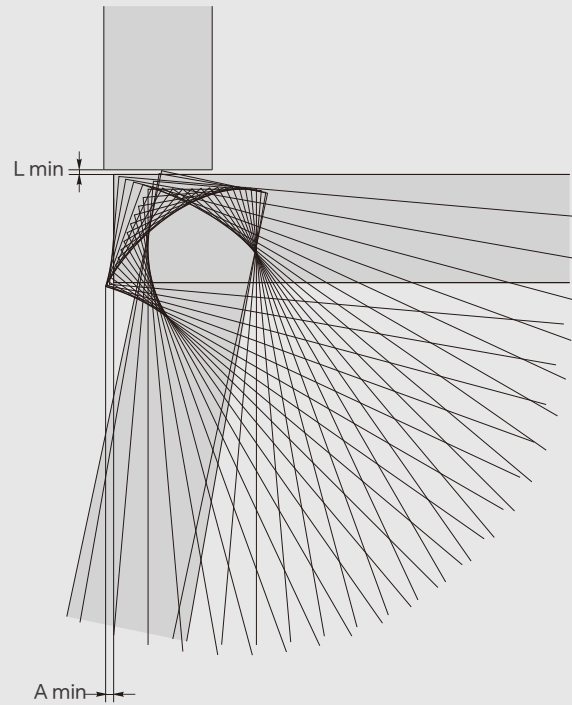


S = Thickness of the cabinet side	L = Gap between internal face of door and internal cabinet elements(e.g shelves, drawer, etc.)
T = Door thickness	H = Height of mounting plate
K = Drilling distance	G = Hinge constant
A = Reveal	

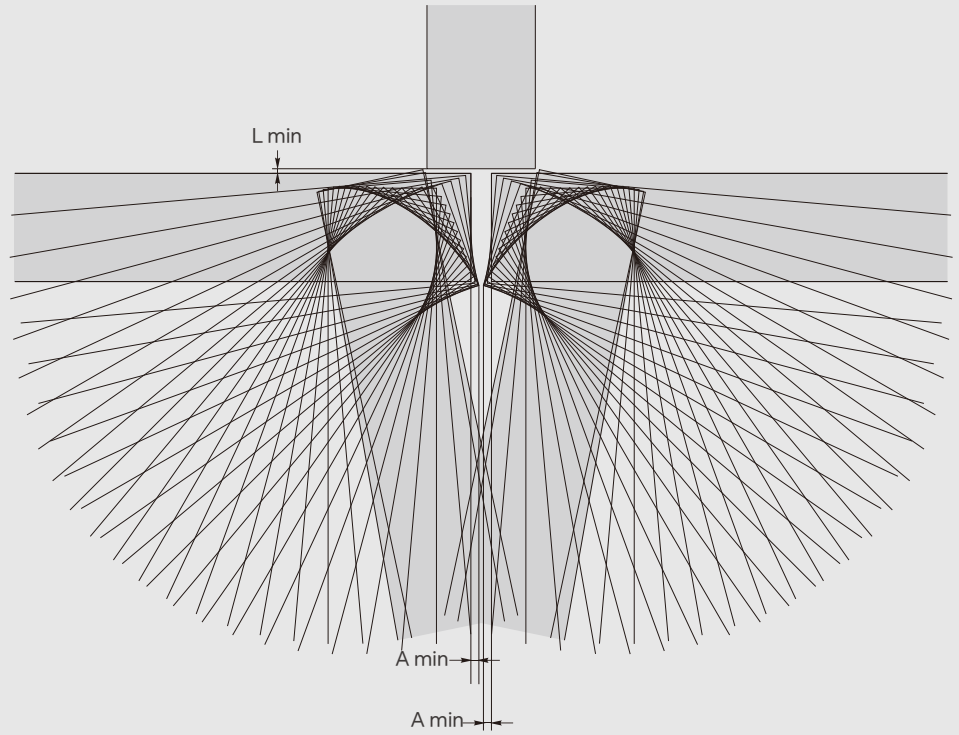
Whatever door overlay is required, you can select from our range the combination of both the type of hinge arm and the thickness of mounting plate necessary to solve your construction problems and avoid the need to stock too many different components.

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

STYLISH Hinges Installation and Parameters



DTC

PLANNING

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.

PLANNING

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.

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

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	

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