

STYLISH

C82 Series 155° Anyway Snap-on Cam-adjustable and Speed Adjustable Soft-close Hinges



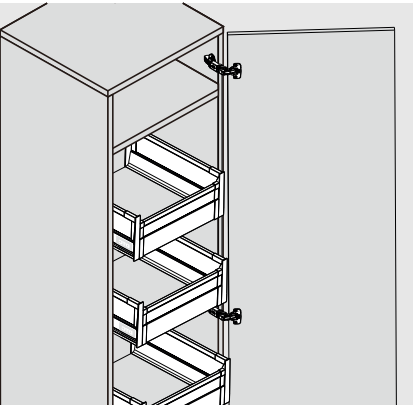
PRODUCT



DESCRIPTION

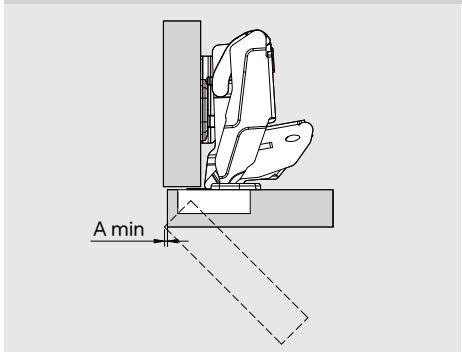
- 0-protrusion at 90° opening angle
- Opening angle:155°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 18-28mm
- Possible drilling distances on the door(K): 3-8mm

APPLICATION



PLANNING

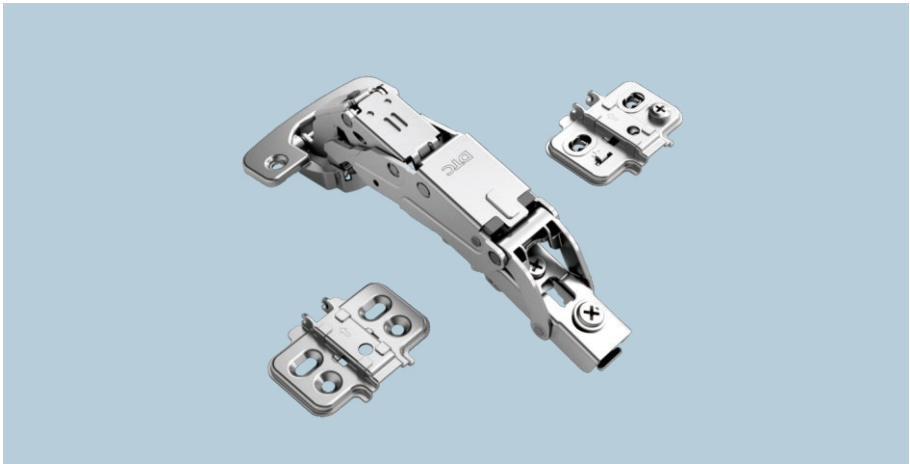
Space needed to open the door



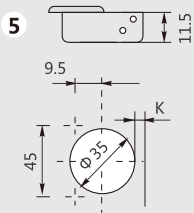
	T=	18	19	20	21	22	23	24	25	26	27	28
K=3	A=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0	2.8
K=4	A=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	
K=5	A=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	
K=6	A=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.5		
K=7	A=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0			
K=8	A=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0			

- T=Door thickness
- K=Possible drilling distances on the door
Please use the opening angle restrictor **92S110** if the door thickness(T) is over 25mm, opening angle 110°

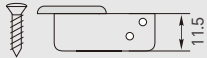
ORDER INFORMATION



Φ 35mm Hinge cup types



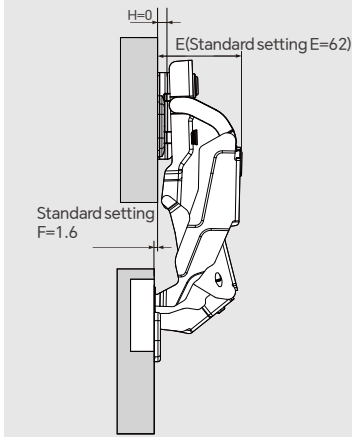
Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" for each door application.



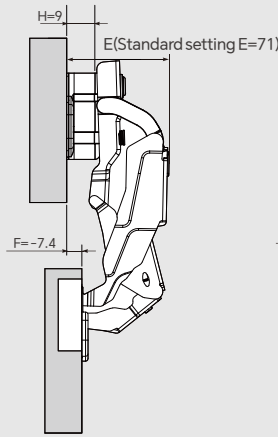
Nickel plated(A01) Titanium black(A08)

Application

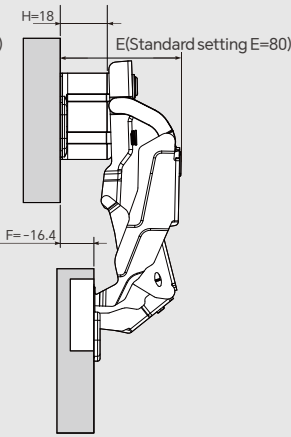
The figures are based on the following conditions: H=0 mm mounting plate, drilling distance (K)=5mm, opening angle=90° and overlay D=17, with a 1.6 mm protrusion to allow the movement of internal objects(e.g. drawers).



Door	E(max)	F(90°)
Full overlay	62	1.6
Half overlay	71	-7.4
Inset	80	-16.4



Half overlay C=9



Inset C=18

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Full overlay	Overlay	Half overlay	Inset
For full overlay, H=0 mounting plate only	For overlay, H=4 mounting plate only	For half overlay, H=9 mounting plate only	For inset door, H=18 mounting plate only
Item No.	Item No.	Item No.	Item No.
Soft-close	Soft-close	Soft-close	Soft-close
Unsprung	Unsprung	Unsprung	Unsprung

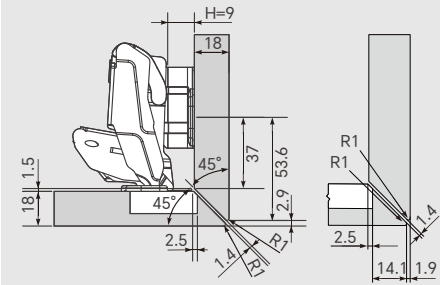


DTC

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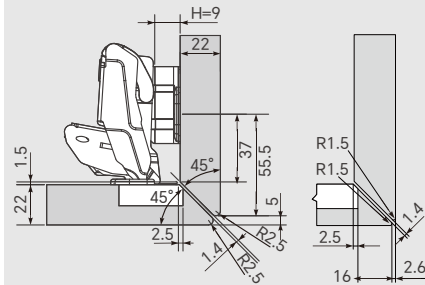
Special application

18mm



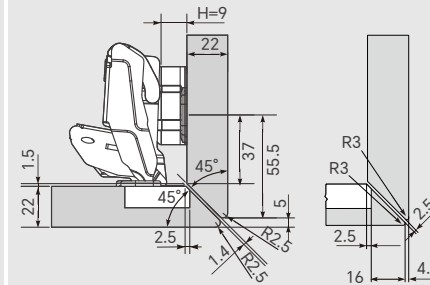
H=9 mounting plate only

22mm



H=9 mounting plate only

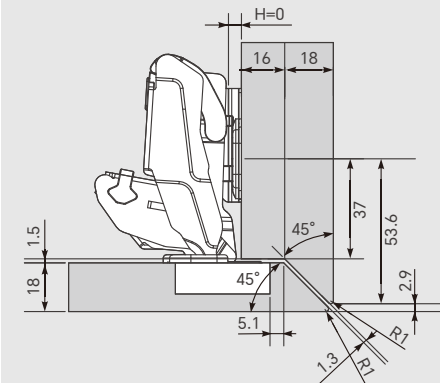
22mm



H=9 mounting plate only

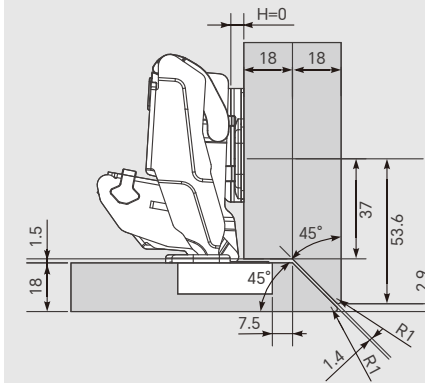
Special application

16/18mm



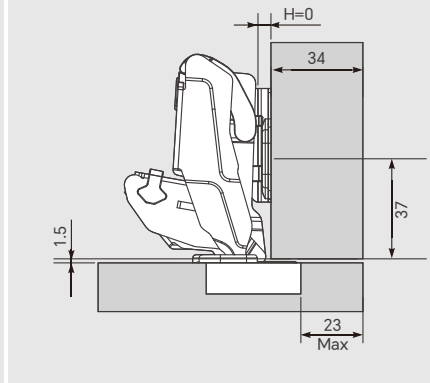
H=0, Please use the opening angle restrictor 92S110 ,
opening angle 110°

18/18mm



H=0, Please use the opening angle restrictor 92S110 ,
opening angle 110°

34mm



H=0, Please use the opening angle restrictor 92S110 ,
opening angle 110°
You can select any front thickness(T) for a free-standing cabinet.
We recommend a trial application for a neighbouring front or an
overlay application on the wall.

DTC is always innovating!
For more information, please visit our website www.dtcdtc.com

ASSEMBLY AND ADJUSTMENT

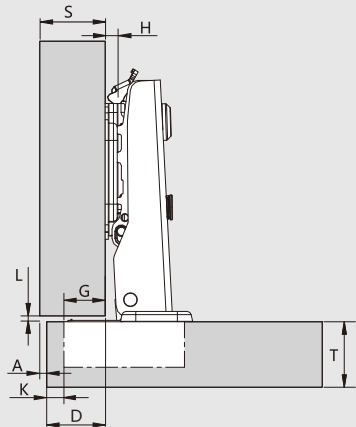
STYLISH Hinges Installation and Parameters



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PLANNING

Application with full overlay door

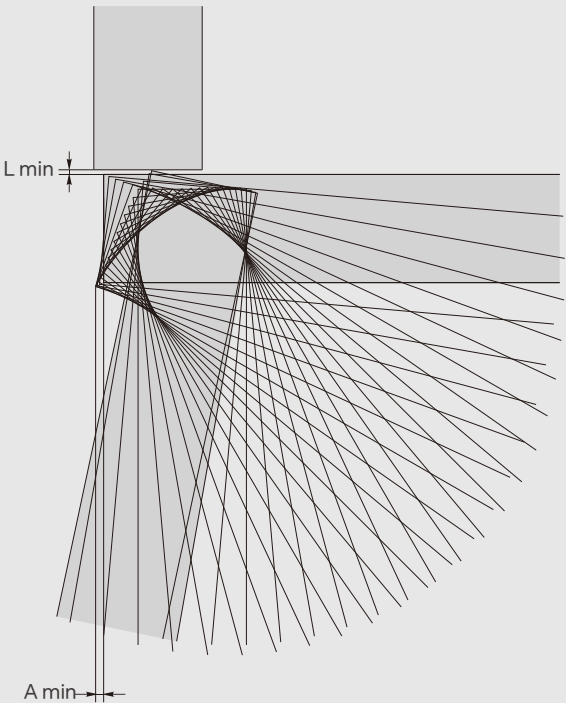


- | | |
|-----------------------------------|----------------------------------|
| S = Thickness of the cabinet side | A = Reveal |
| D = Required door overlay | L = Gap between door and cabinet |
| T = Door thickness | H = Height of mounting plate |
| K = Drilling distance | G = Hinge constant |

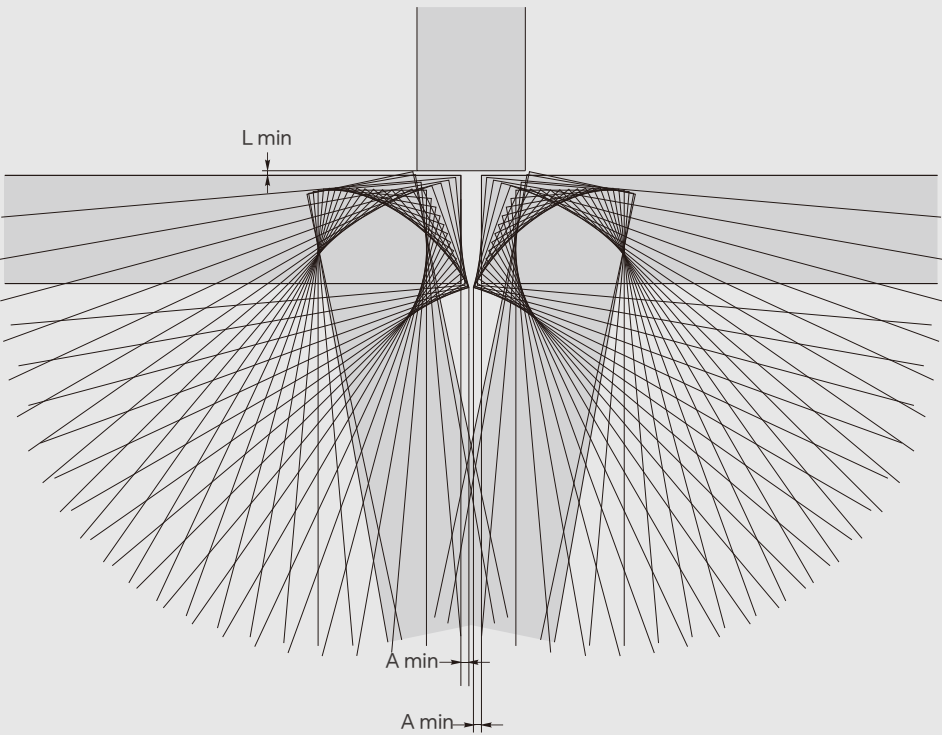
Whatever door overlay is required, you can select from our range the combination of both the type of hinge arm and the thickness of mounting plate necessary to solve your construction problems and avoid the need to stock too many different components.

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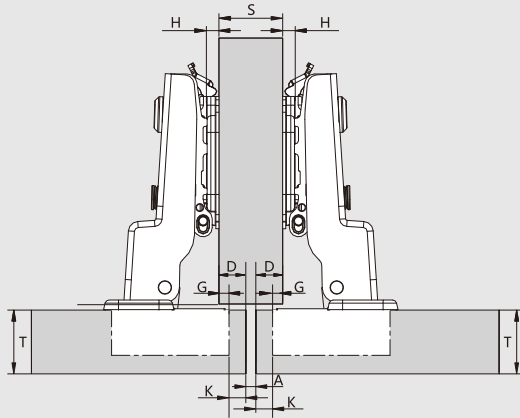
Simulation of the opening movement of a 110° hinge with full overlay door



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



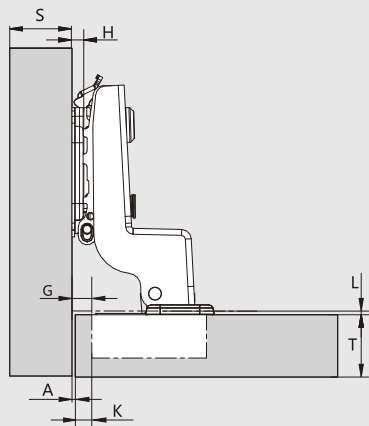
Application with half overlay door



- | | |
|-----------------------------------|----------------------------------|
| 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.

ASSEMBLY AND ADJUSTMENT

STYLISH Hinges Installation and Parameters



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Side adjustment

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

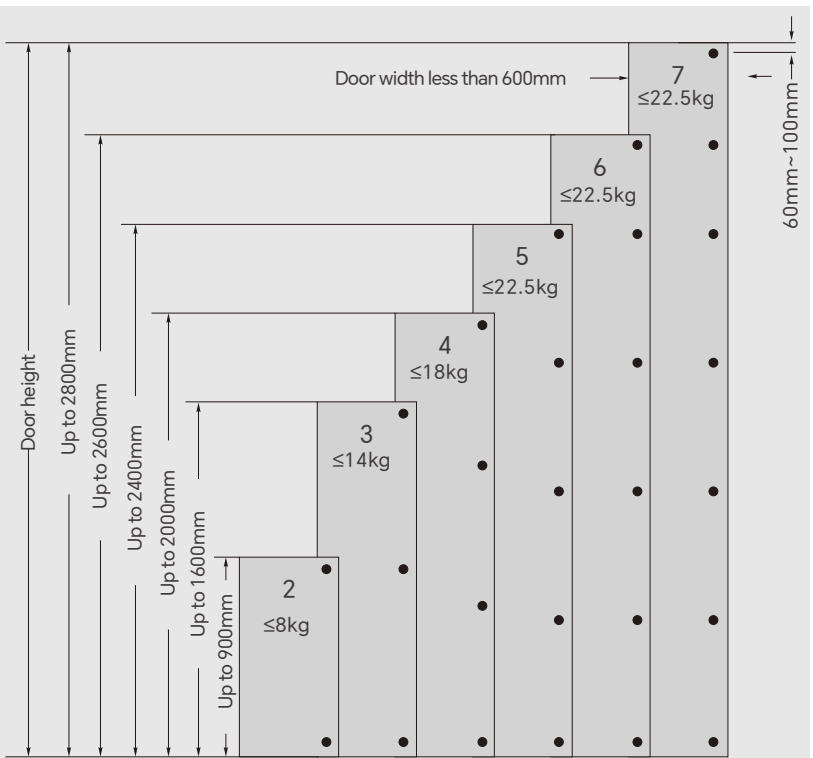
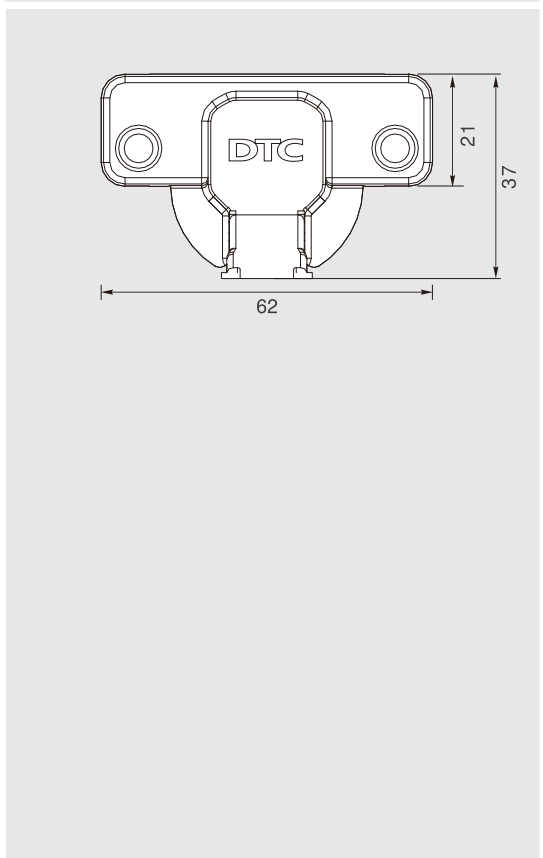
Depth adjustment

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.

PLANNING



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