

PIVOT-STAR

C81 Series 110° Anyway Snap-on Speed Adjustable Soft-close Hinges with Spiral-cam



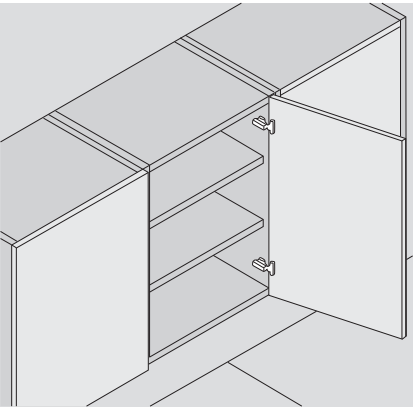
PRODUCT



DESCRIPTION

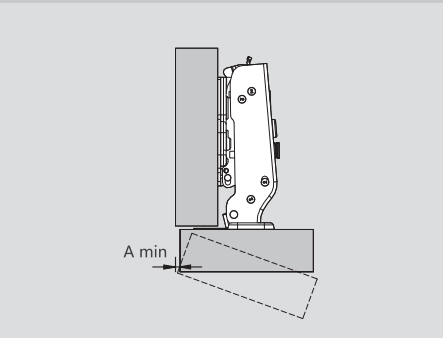
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

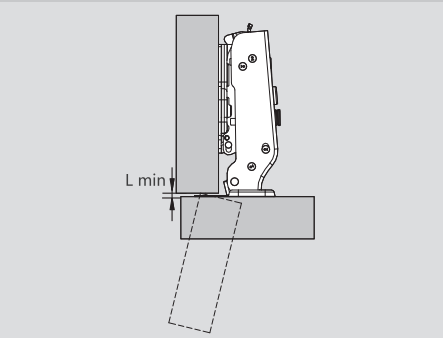
Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.2	3.8	4.5	5.3
K=4	A=	0.7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.5	4.4	4.9
K=5	A=	0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4	3.9	4.6
K=6	A=	0.6	0.8	1.1	1.3	1.6	2.0	2.4	2.8	3.2	3.8	4.4

- T=Door thickness
- K=Cup hole drilling distance from door edge

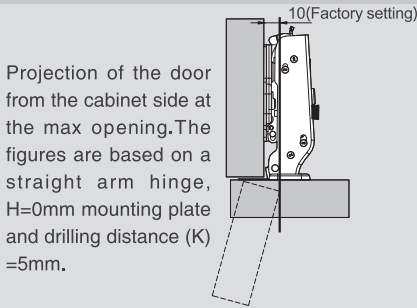
Space needed to open the door



	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	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

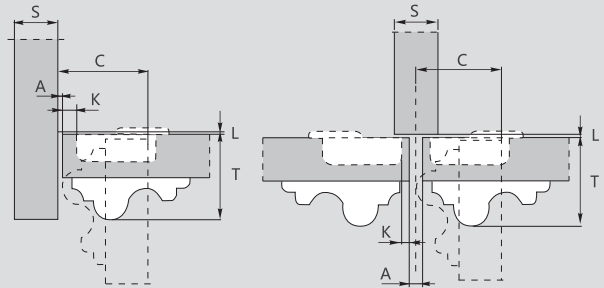
Projection of the door



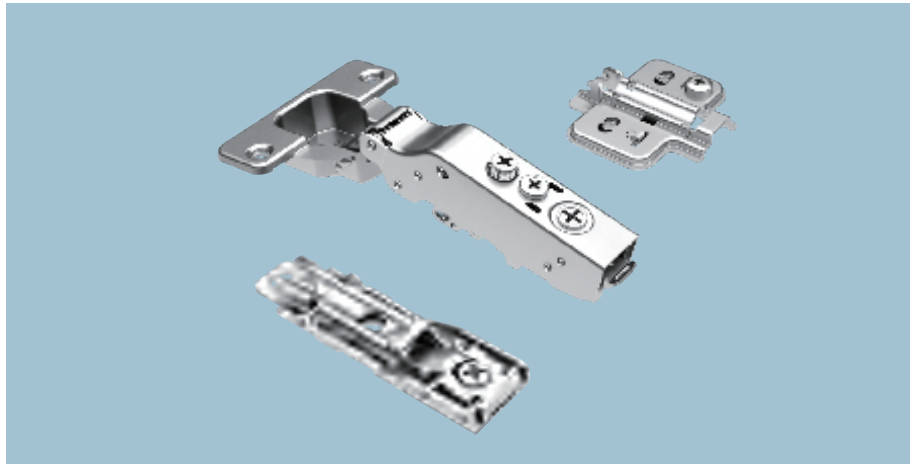
"C" value

$C=20+K+A$





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.



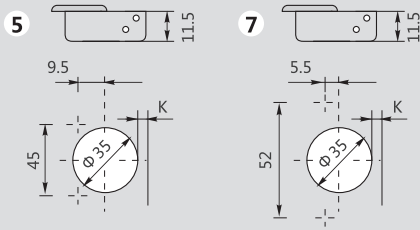
ORDER INFORMATION



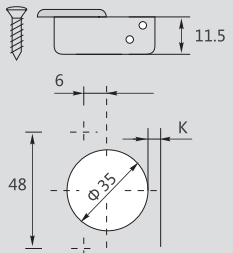
Options of screws and dowels:

 M10 dowel Dowel No: M	 Expandable dowel Dowel No: K
 M8 dowel Dowel No: N	 Quick dowel Dowel No: T0

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.



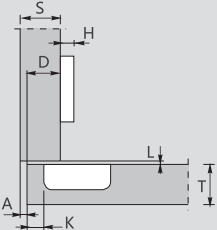
Nickel plated(A01) Titanium black(A08)

C81 series 110° anyway snap-on speed adjustable soft-close hinges with spiral-cam

Full overlay C=0



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

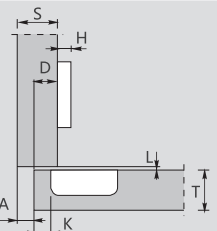


	Item No.	Pcs/ctn
Soft-close	C81A876FAB	200

Half overlay C=9



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

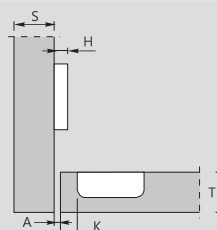


	Item No.	Pcs/ctn
Soft-close	C81B876FAB	200

Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	C81C876FAB	200