

PIVOT-STAR

C81 Series 160° Anyway Snap-on Speed Adjustable Soft-close Hinges with Spiral-cam



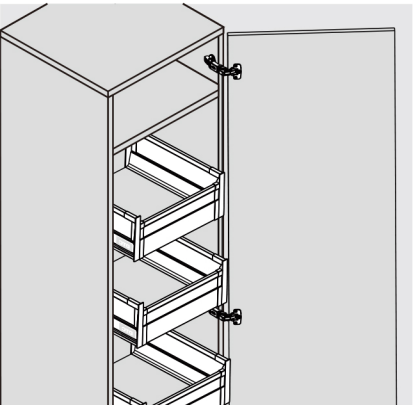
PRODUCT



DESCRIPTION

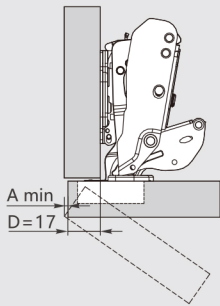
- Opening angle:160°
- Depth of hinge cup: 12.4mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 18-28mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



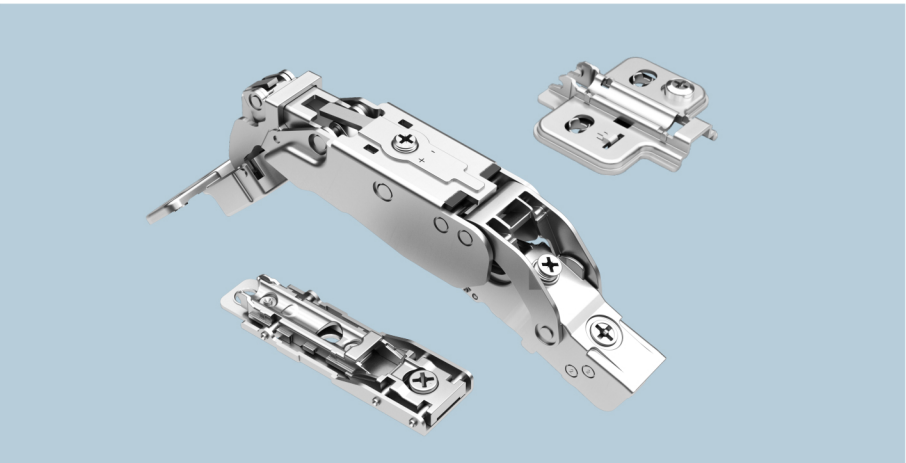
PLANNING

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
K=4	A=	0	0	0	0	0	0	0	0	0	0	0
K=5	A=	0	0	0	0	0	0	0	0	0	0	0
K=6	A=	0	0	0	0	0	0	0	0	0	0	0

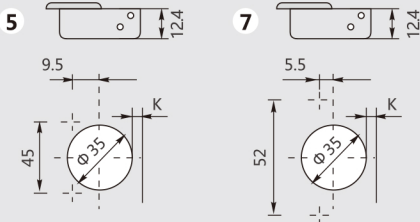
ORDER INFORMATION



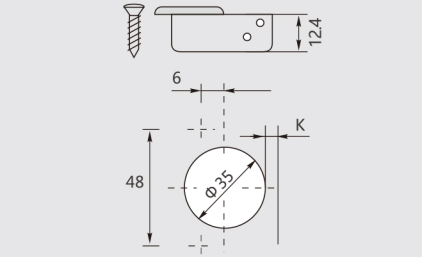
Options of screws and dowels:

 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



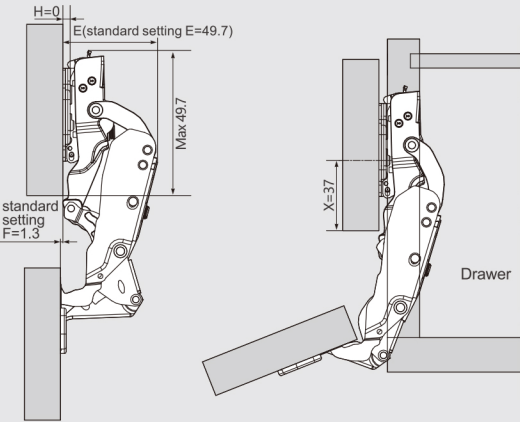
Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" for each door application.



Nickel plated(A01) Titanium black(A08)

Application

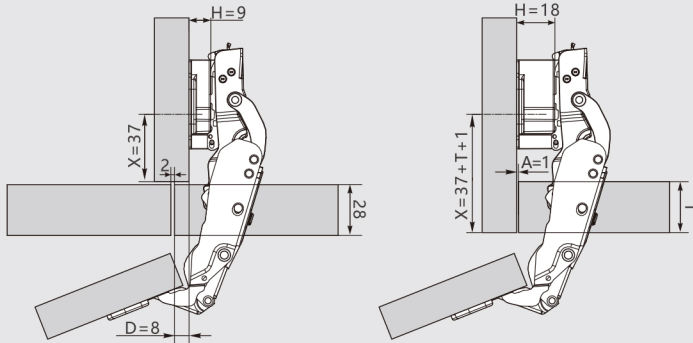
The door combined with a mounting plate H=0, opens at 90°, with a 1.3mm protrusion allowing objects(e.g. drawers) to move from inside of the cabinet.



Door Type	E(max)	F(90°)
Full Overlay	49.7	1.3
Half Overlay	58.7	-8.3
Inset Door	67.7	-17.3

Full overlay C=0

No gap is required when door thickness is less than 28mm. A trial assembly is recommended when door thickness is over 28mm.

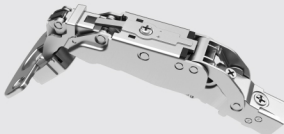


Half overlay C=9

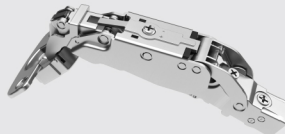
Inset C=18

C81 series 160° anyway snap-on speed adjustable soft-close hinges with spiral-cam

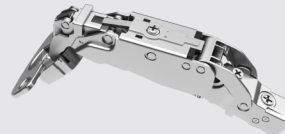
Full overlay C=0



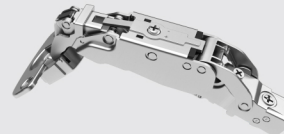
Overlay C=4



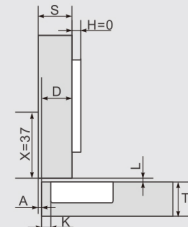
Half overlay C=9



Inset C=18



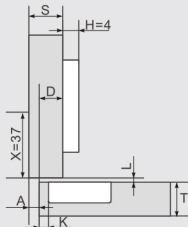
H=12+K-(D)



K=5, for full overlay D=17±2mm, H=0 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A806FAB	100

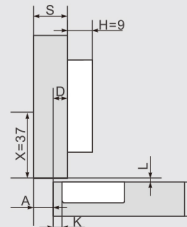
H=12+K-(D)



K=5, for overlay D=13±2mm, H=4 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A806FAB	100

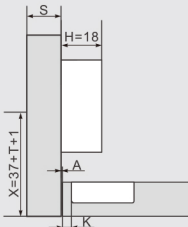
H=12+K-(D)



K=5, for half overlay D=8±2mm, H=9 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A806FAB	100

H=12+K+(A)



K=5, for inset door, H=18 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A806FAB	100