



HINGE
SERIES

PIVOT-PRO

PIVOT-PRO

Perfect motion for every single space

Door Closing-Soft and Smooth



- The well-made DTC integrated soft-close hinges fit with a plenty of cabinet doors, supporting and facilitating designers ideas. The hinge's effortless opening, evenly speeded soft-closing and long durability contribute to the enjoyment of the furniture users.
- 3D adjustments providing exceptional functions: without loosening one screw, up & down, in & out and side to side adjustments are done.



Quietness



Intelligence



Durability



Eco-Friendliness

PIVOT-PRO

C80 Series Φ 35mm Soft-close Hinges



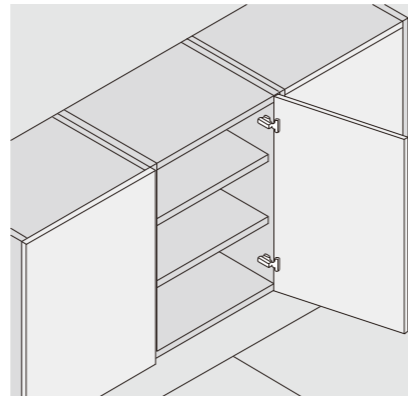
PRODUCT



DESCRIPTION

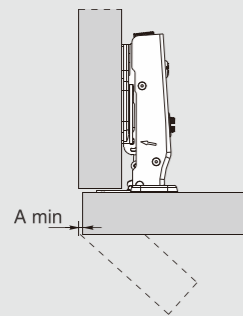
- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



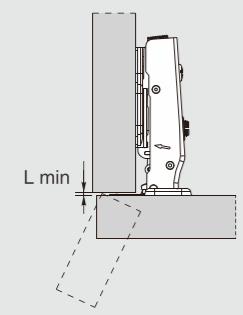
PLANNING

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

Space needed to open the door

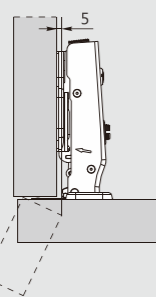


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

Projection of the door

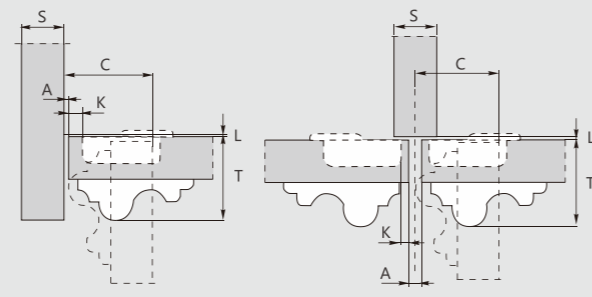
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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.



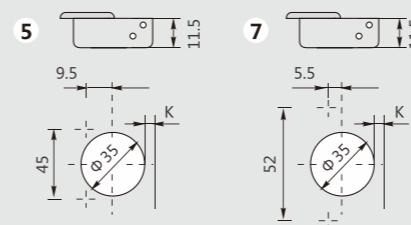
ORDER INFORMATION



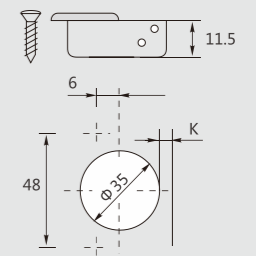
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



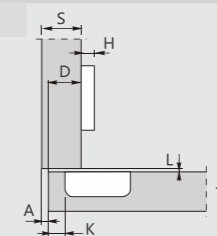
Nickel plated(A01) Specially treated(A11)

C80 series snap-on soft close hinge 110° (two way, cam-adjustable)

Full overlay C=0



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

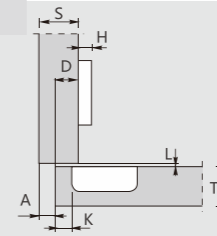


	Item No.	Pcs/ctn
Soft-close	C80A676F	200
Sprung	C80A676	200

Half overlay C=9



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

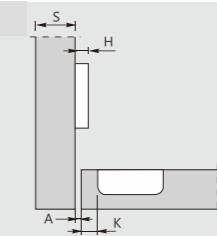


	Item No.	Pcs/ctn
Soft-close	C80B676F	200
Sprung	C80B676	200

Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	C80C676F	200
Sprung	C80C676	200

Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm Soft-close Glass Hinges



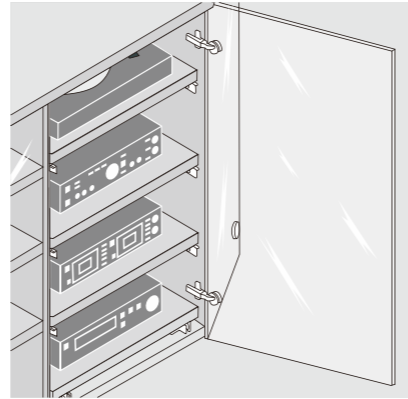
PRODUCT



DESCRIPTION

- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Available glass door thickness: 4-6mm
- Possible drilling distances on the glass door(K): 3-6 mm

APPLICATION



ORDER INFORMATION

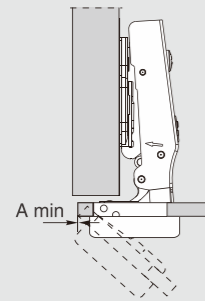


Available finishes for Φ 35mm covers

Chrome:	C01
Dark Chrome:	C02
Bright Silver:	C03
Silver:	C04
Satin Gold:	C05
Satin Silver:	C06
Satin Chrome:	C07
Bright Gold:	C08
Silver Grey:	C09

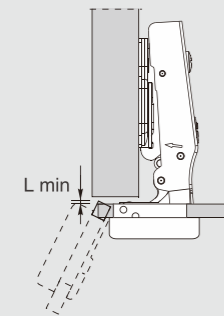
PLANNING

Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24	25	26
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

Space needed to open the door

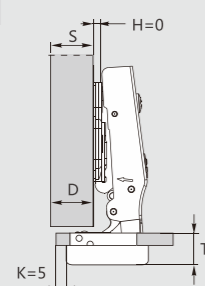


	T=	16	17	18	19	20	21	22	23	24	25	26
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

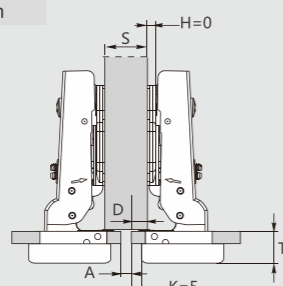
C=0 Application with full overlay door

D=19mm



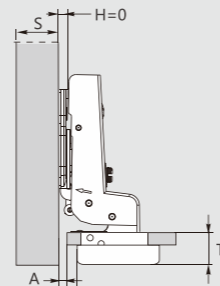
C=9 Application with half overlay door

D=10mm

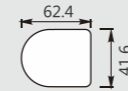


C=18 Application with inset door

A=1mm



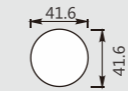
Options of Φ 35mm covers:



ABS oval cover

Item No. **A2B**

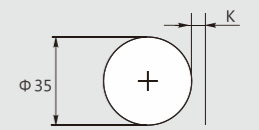
Pcs/ctn 200



ABS round cover

Item No. **A2C**

Pcs/ctn 200



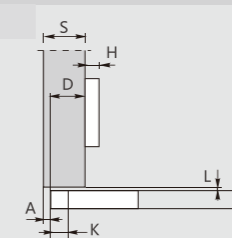
Nickel plated(A01)

C80 series snap-on soft close glass hinge 110° (two way, cam-adjustable)

Full overlay C=0



H=12+K-(D)

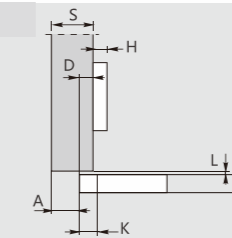


	Item No.	Pcs/ctn
Soft-close	C80A670F	200
Sprung	C80A670	200

Half overlay C=9



H=3+K-(D)

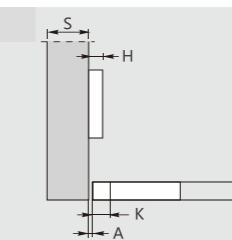


	Item No.	Pcs/ctn
Soft-close	C80B670F	200
Sprung	C80B670	200

Inset C=18



H=-6+K+(A)



	Item No.	Pcs/ctn
Soft-close	C80C670F	200
Sprung	C80C670	200



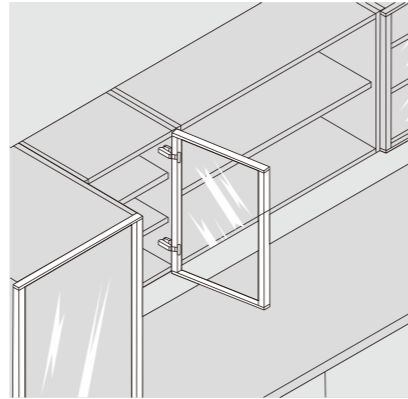
PRODUCT



DESCRIPTION

- Opening angle: 110°
- Drilling dimension on aluminium frame hinge head: 28mm
- Range of width of aluminium frame (V) : 19-22mm

APPLICATION

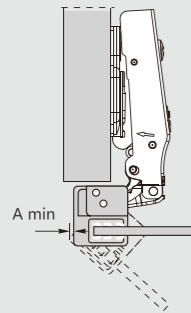


ORDER INFORMATION



PLANNING

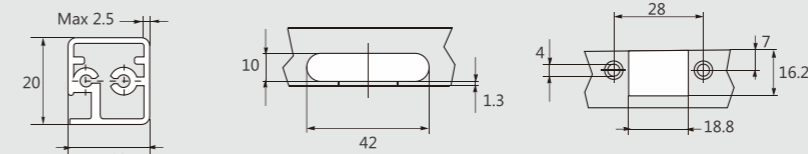
Space needed to open the door



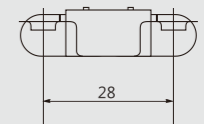
	T=	16	17	18	19	20	21	22	23	24	25	26
V=19	A=	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.2	3.8	4.5	5.3
V=20	A=	0.7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.5	4.4	4.9
V=21	A=	0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4	3.9	4.6
V=22	A=	0.6	0.8	1.1	1.3	1.6	2.0	2.4	2.8	3.2	3.8	4.4

Drilling dimensions on aluminium frame

V: 19mm-22mm

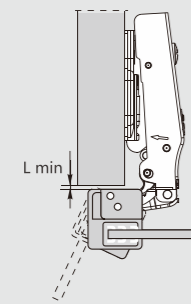


Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" for each door application.



Nickel plated(A01)

Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24	25	26
V=19	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
V=20	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
V=21	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
V=22	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

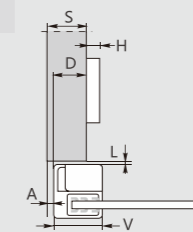
- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiussed edges.

C80 series snap-on soft close al frame hinge 110° (two way, cam-adjustable)

Full overlay C=0



H=-2+V-(D)

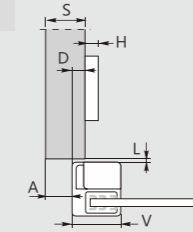


	Item No.	Pcs/ctn
Soft-close	C80A678F	200
Sprung	C80A678	200

Half overlay C=9



H=-11+V-(D)

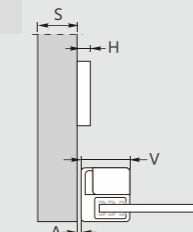


	Item No.	Pcs/ctn
Soft-close	C80B678F	200
Sprung	C80B678	200

Inset C=18



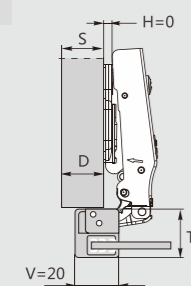
H=-20.5+V+(A)



	Item No.	Pcs/ctn
Soft-close	C80C678F	200
Sprung	C80C678	200

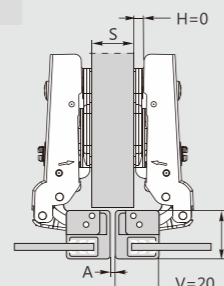
C=0 Application with full overlay door

D=18mm



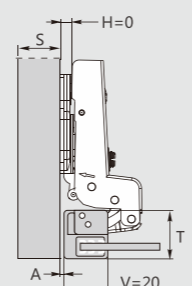
C=9 Application with half overlay door

D=9mm



C=18 Application with inset door

A=0.5mm



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C80 Series Φ 35mm Angled Hinges



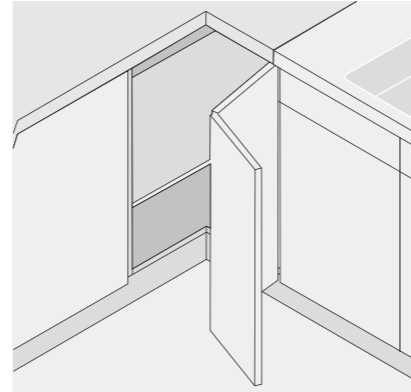
PRODUCT



DESCRIPTION

- Opening angle: 55°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 14-26mm
- Possible drilling distances on the door(K): 3-7 mm

APPLICATION



ORDER INFORMATION

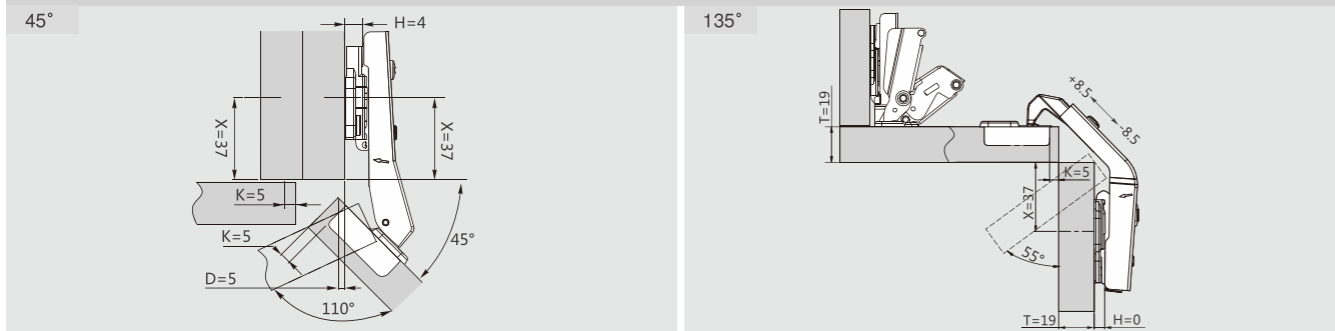


Options of screws and dowels:

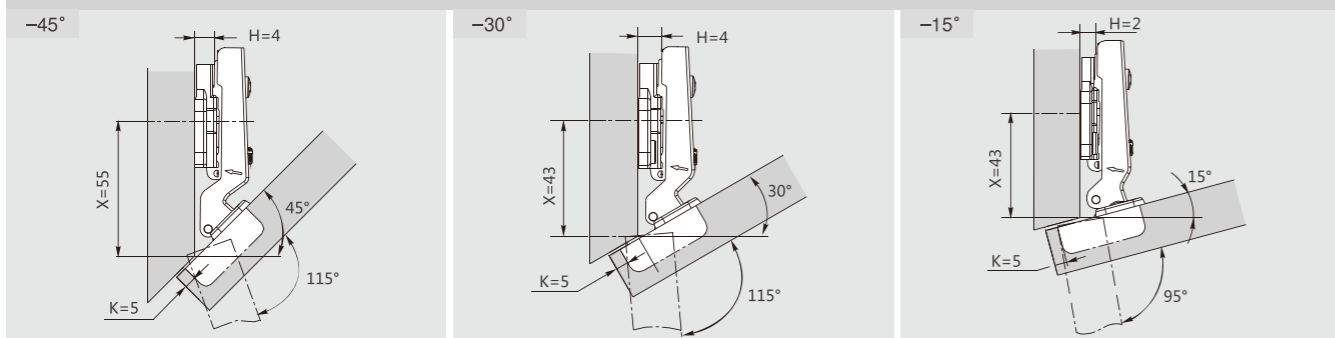
M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

Φ 35MM CORNER DOOR, BI-FOLD DOOR, -45°~45° ANGLED HINGE APPLICATIONS

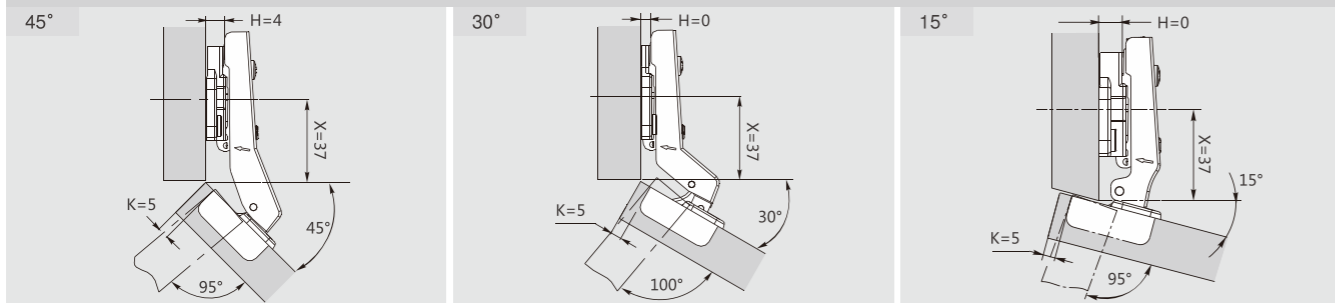
Kitchen corner door applications



Negative angled hinge applications



Positive angled hinge applications



The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.

Nickel plated(A01)

Nexus Enterprises

C80 series snap-on angled hinge(two way, cam-adjustable)

Adjustment range of D -3 ↔ +3

Adjustment range of L -3 ↔ +3

Door thickness	Mounting plate height
14 ≤ T < 19	H=2
T=19	H=2
19 < T ≤ 26	H=0

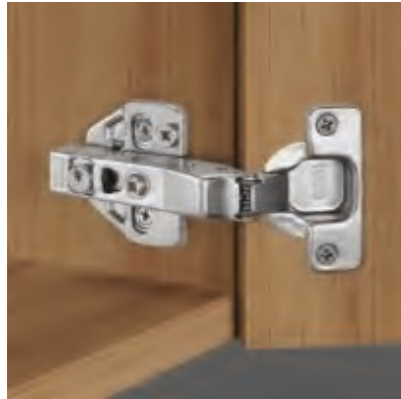
Item No.	Pcs/ctn
C80H676	200

PIVOT-PRO

C80 Series Φ 35mm Soft-close Angled Hinges



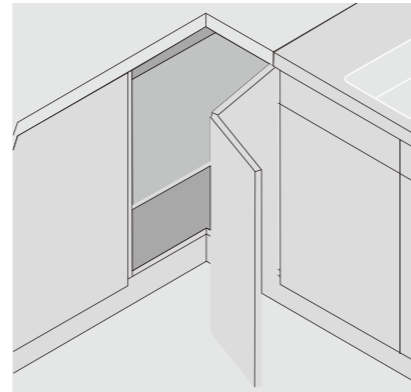
PRODUCT



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



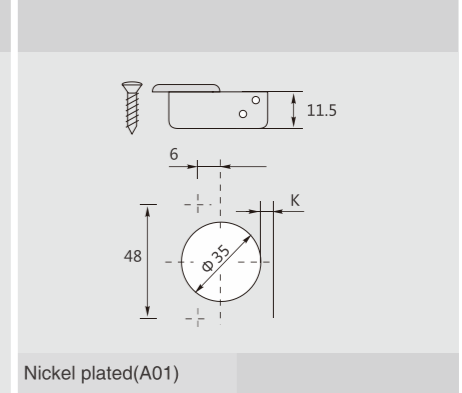
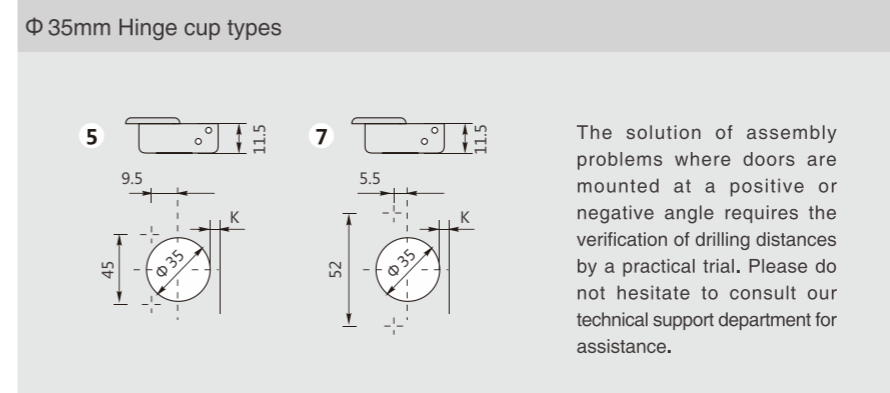
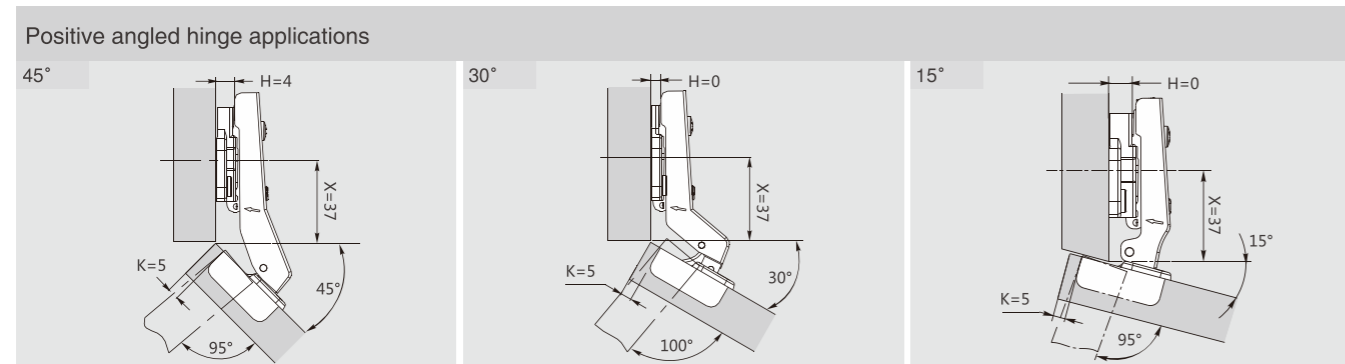
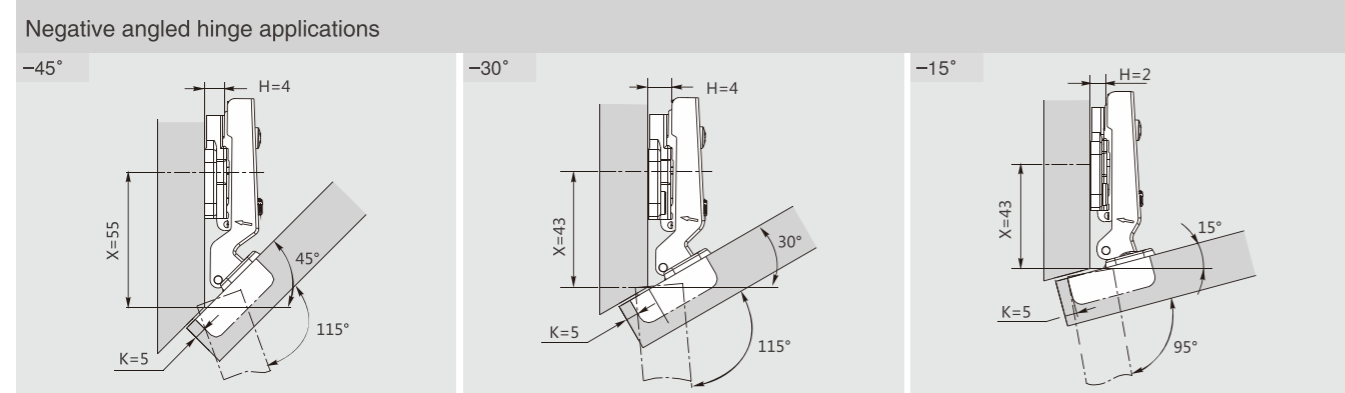
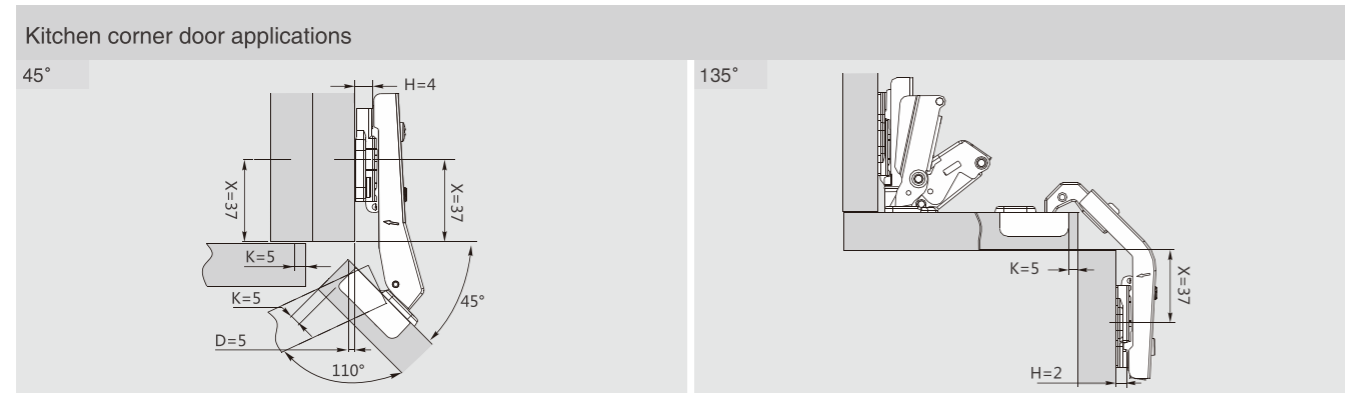
ORDER INFORMATION



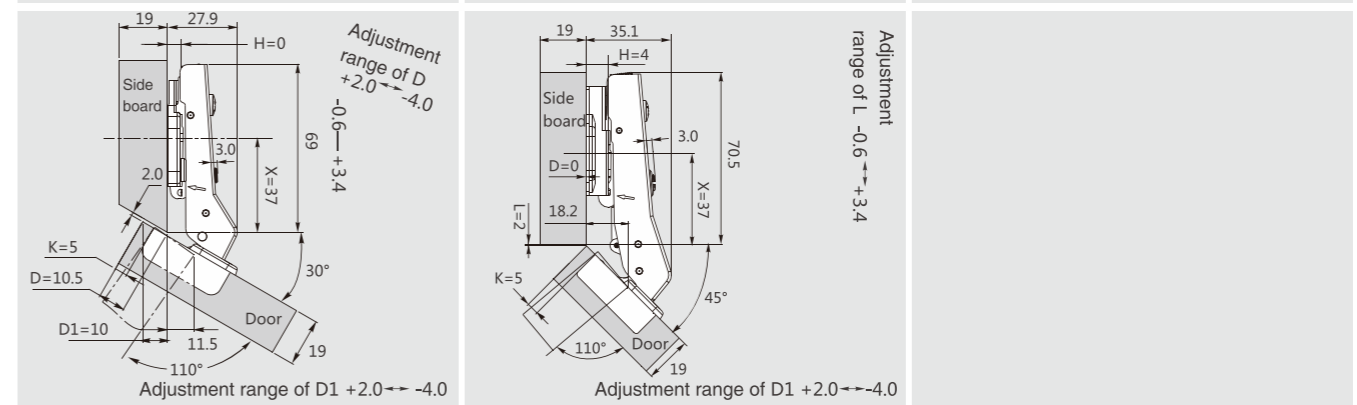
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

Φ 35MM CORNER DOOR, BI-FOLD DOOR, -45°~45° ANGLED HINGE APPLICATIONS



C80 series snap-on soft close angled hinge 110° (two way, cam-adjustable)



	Item No.	Pcs/ctn	Item No.	Pcs/ctn	
Soft-close	C80W676F	200	Soft-close	C80E676F	200
Sprung	C80W676	200	Sprung	C80E676	200

Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm Soft-close Angled Hinges



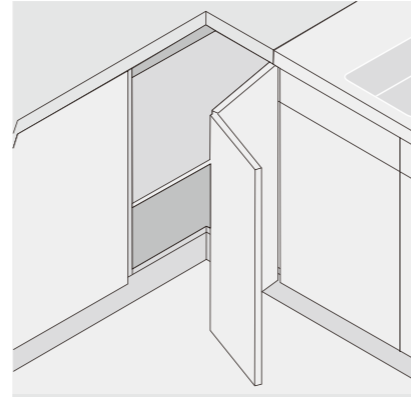
PRODUCT



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



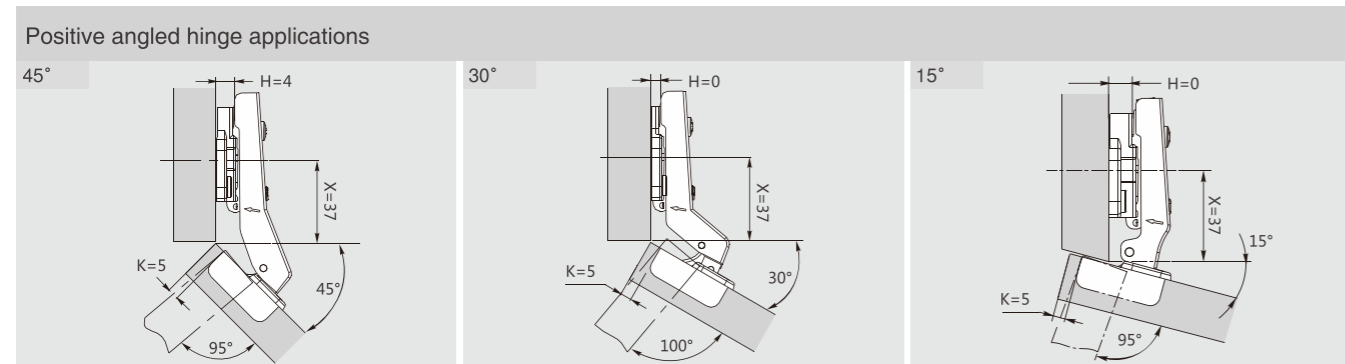
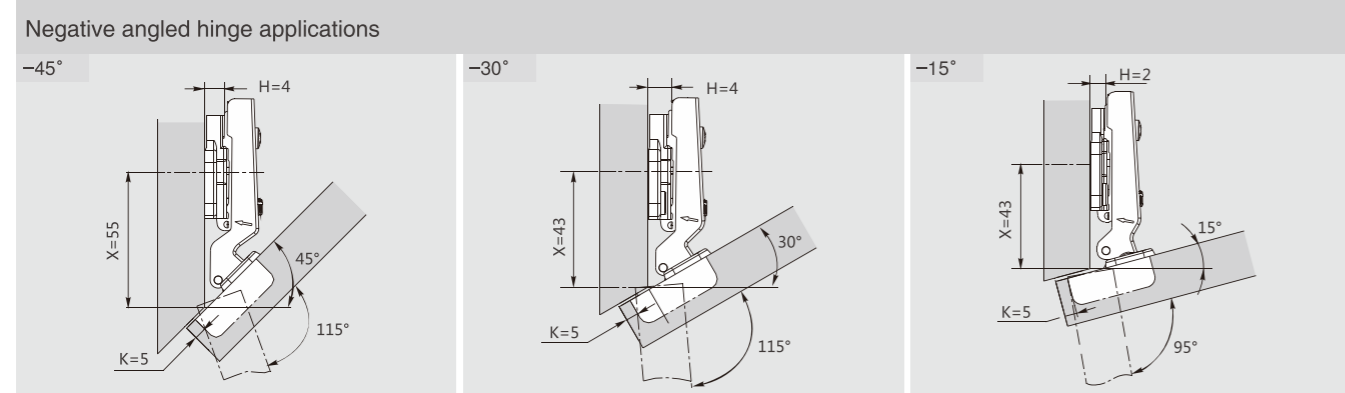
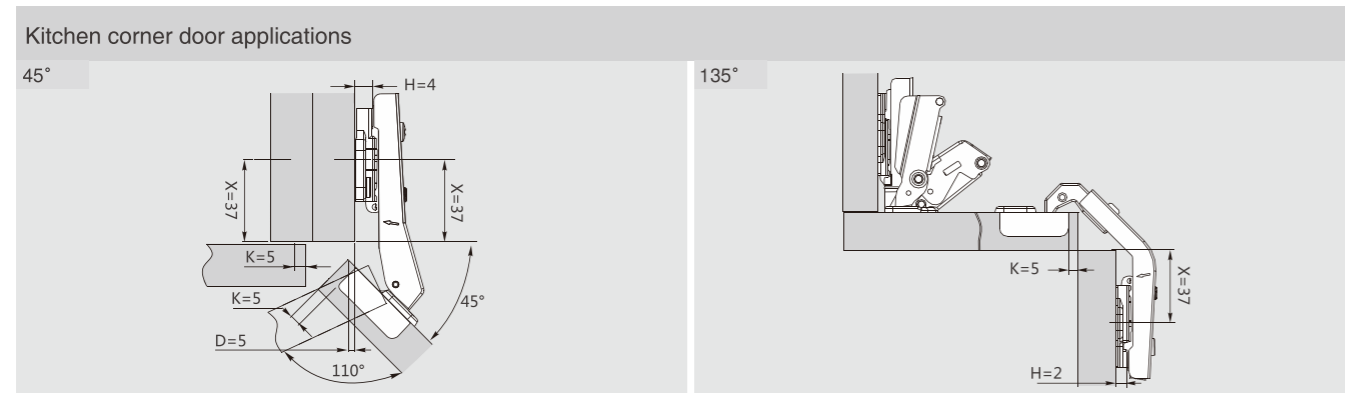
ORDER INFORMATION



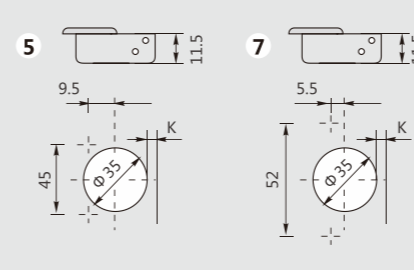
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

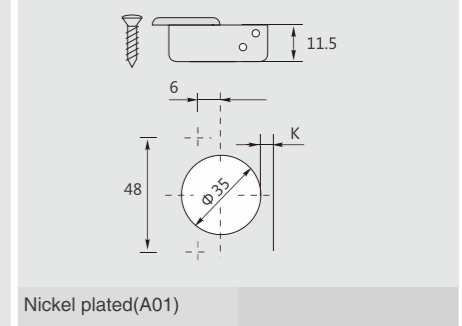
Φ 35MM CORNER DOOR, BI-FOLD DOOR, -45° ~ 45° ANGLED HINGE APPLICATIONS



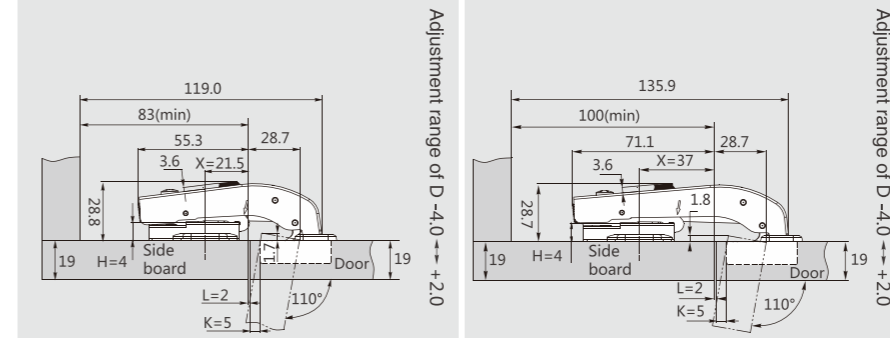
Φ 35mm Hinge cup types



The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.



C80 series snap-on soft close angled hinge 110° (two way, cam-adjustable)



	Item No.	Pcs/ctn	Item No.	Pcs/ctn	
Soft-close	C80J676F	200	Soft-close	C80G676F	200
Sprung	C80J676	200	Sprung	C80G676	200

Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm 155° Soft-close Hinges



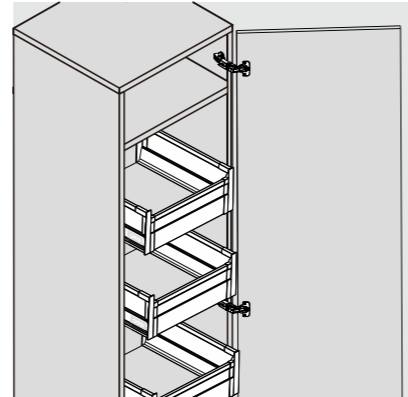
PRODUCT



DESCRIPTION

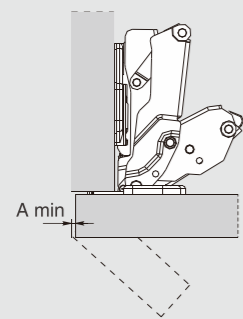
- Opening angle: 155°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-24mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

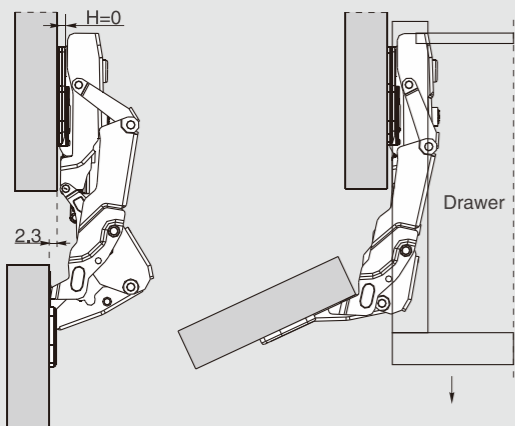
Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24		
K=3	A=	0	0	0	0	0	0	0	0	0		
K=4	A=	0	0	0	0	0	0	0	0	0		
K=5	A=	0	0	0	0	0	0	0	0	0		
K=6	A=	0	0	0	0	0	0	0	0	0		

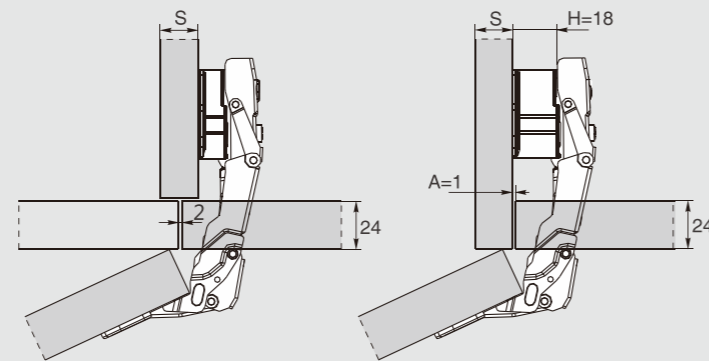
Application

The door combined with a mounting plate H=0, opens at 90° with a 2.3mm protrusion allowing objects (e.g. drawers) move from inside of the cabinet.



Full overlay C=0

No gap is required when door thickness is less than 24mm. A trial assembly is recommended when door thickness is more than 24mm.



Inset C=18

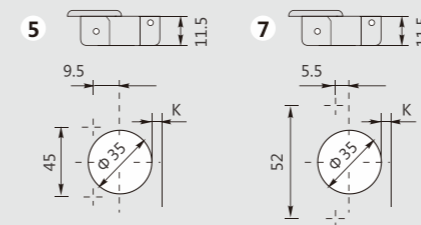
ORDER INFORMATION



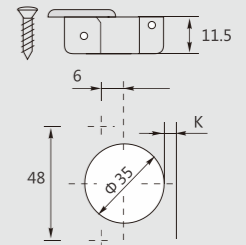
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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)

C80 series snap-on soft close hinge 155° (two way, cam-adjustable)

Full overlay C=0		Small overlay C=4		Half overlay C=9		Inset C=18	
H=11+K-(D)		H=11+K-(D)		H=11+K-(D)		H=12+K-(D)	
H=0 Mounting plate only		H=4 Mounting plate only		H=9 Mounting plate only		H=18 Mounting plate only	
Item No.	Pcs/ctn	Item No.	Pcs/ctn	Item No.	Pcs/ctn	Item No.	Pcs/ctn
Soft-close C80A606F	100	Soft-close C80A606F	100	Soft-close C80A606F	100	Soft-close C80A606F	100
Sprung C80A606	100	Sprung C80A606	100	Sprung C80A606	100	Sprung C80A606	100

PIVOT-PRO

C80 Series Φ 35mm Soft-close Hinges for Thick Door



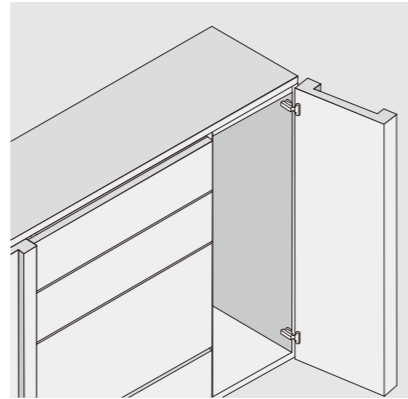
PRODUCT



DESCRIPTION

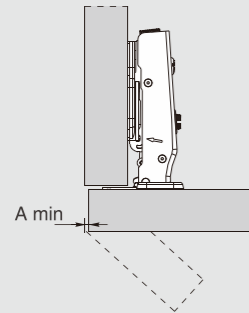
- Opening angle: 95°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 19-35mm
- Possible drilling distances on the door(K): 3-9 mm

APPLICATION



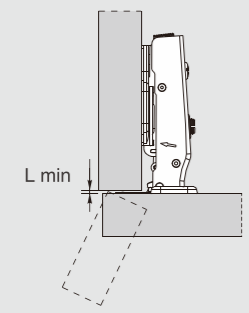
PLANNING

Space needed to open the door



	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 35
K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.3	2.2	3.2	4.1	5.0	6.0	7.0 - 10
K=4	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.6	2.5	3.5	4.4	5.3	6.3 - 9.1
K=5	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	2.0	2.9	3.7	4.7	5.6 - 8.4
K=6	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	2.3	3.2	4.1	5.0 - 7.8
K=7	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.8	2.7	3.6	4.4 - 7.0
K=8	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.4	1.6	2.2	3.1	3.9 - 6.5
K=9	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.6	3.4 - 6.0

Space needed to open the door

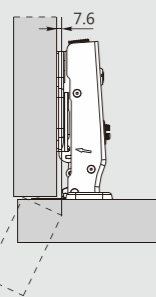


	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 35
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=5	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.5 - 0.7
K=6	L=	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.2	1.2	1.3	1.4	1.5 - 1.7
K=7	L=	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.2	2.2	2.3	2.4	2.5 - 2.7
K=8	L=	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.2	3.2	3.3	3.4	3.5 - 3.7
K=9	L=	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.2	4.2	4.3	4.4	4.5 - 4.7

- 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

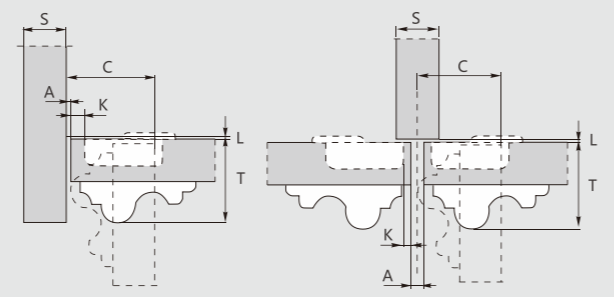
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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.



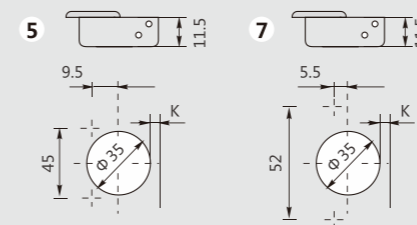
ORDER INFORMATION



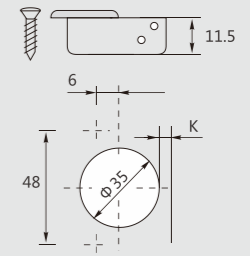
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



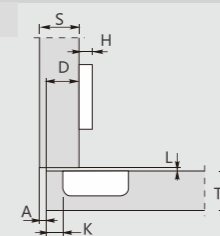
Nickel plated(A01)

C80 series snap-on soft close hinge 95° (two way, cam-adjustable)

Full overlay C=0



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

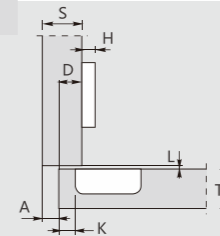


	Item No.	Pcs/ctn
Soft-close	C80A616F	200
Sprung	C80A616	200

Half overlay C=9



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

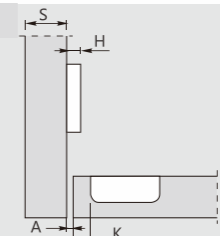


	Item No.	Pcs/ctn
Soft-close	C80B616F	200
Sprung	C80B616	200

Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	C80C616F	200
Sprung	C80C616	200

PIVOT-PRO

C80 Series Φ 35mm Soft-close Big-overlay Hinges for Thick Door



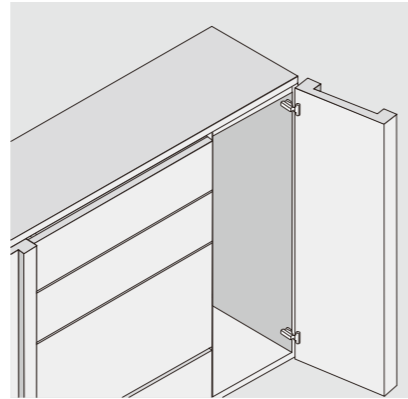
PRODUCT



DESCRIPTION

- Opening angle: 95°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 18-35mm
- Possible drilling distances on the door(K): 3-6 mm
- Required door overlay:19-25mm

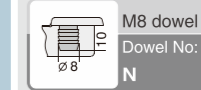
APPLICATION



ORDER INFORMATION



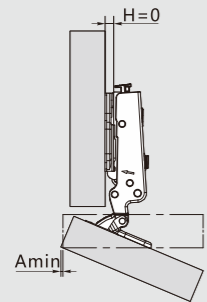
Φ 35mm Options of screws and dowels:



M8 dowel
Dowel No:
N

PLANNING

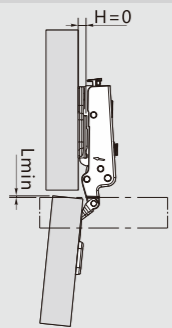
Space needed to open the door



	T=	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32-35
K=3	A=	1.20	1.49	1.83	2.22	2.65	3.13	3.68	4.36	5.13	5.96	6.81	7.71	8.61	9.52	10.45-13.26
K=4	A=	1.15	1.44	1.77	2.14	2.54	3.0	3.51	4.1	4.8	5.53	6.34	7.2	8.06	8.95	9.85-12.6
K=5	A=	1.1	1.4	2.0	2.06	2.45	2.87	3.35	3.89	4.5	5.18	5.94	6.73	7.57	8.42	9.29-11.99
K=6	A=	1.1	1.4	1.7	2.0	2.37	2.78	3.23	3.73	4.3	4.91	5.6	6.34	7.13	7.95	8.79-11.41

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

Space needed to open the door

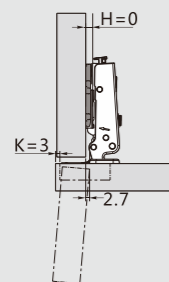


	T=	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32-35
K=3	L=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0-0
K=4	L=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0-0.3
K=5	L=	0	0	0	0	0	0.23	0.24	0.26	0.27	0.34	0.39	0.47	0.69	0.77	0.9-1.23
K=6	L=	0.7	0.8	0.85	1	1.13	1.22	1.3	1.4	1.5	1.6	1.6	1.72	1.8	1.91	2.0-2.21

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

Projection of the door

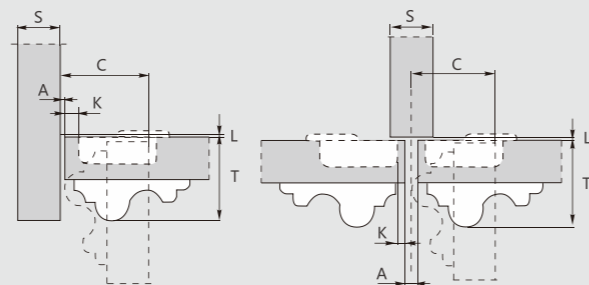
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



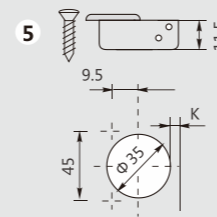
"C" value

$$C=22+K+A$$

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.



Φ 35mm Hinge cup types



*Only available on 45mm centered cup

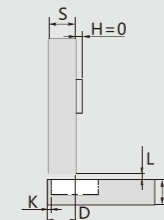
Nickel plated(A01)

C80 series snap-on soft close hinge 95° (two way, cam-adjustable, big overlay)

Big overlay C=0



H=18+K(-D)



	Item No.	Pcs/ctr
Soft-close	C80A61525F	200
Sprung	C80A61525	200

PIVOT-PRO

C80 Series Φ 40mm Soft-close Hinges for Thick Door



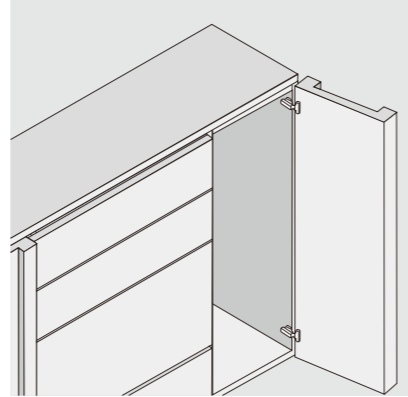
PRODUCT



DESCRIPTION

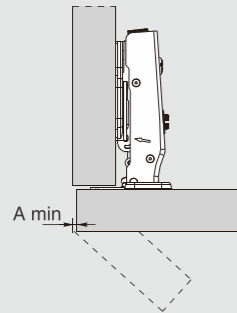
- Opening angle: 95°
- Depth of hinge cup: 13mm
- Diameter of hinge cup: 40mm
- Range of door thickness: 20-40mm
- Possible drilling distances on the door(K): 3-15 mm

APPLICATION



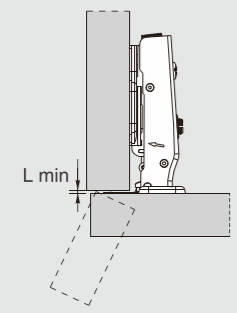
PLANNING

Space needed to open the door



	T=	20	21	22	23	24	25	26	27	28	29	30	31	32	33 - 40
K=3	A=	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.2	2.5	2.8	3.2	3.5 - 9.7
K=4	A=	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.1	2.4	2.8	3.1	3.4 - 9.1
K=5	A=	0.3	0.5	0.6	0.8	0.9	1.1	1.4	1.6	1.8	2.1	2.4	2.7	3.0	3.4 - 8.5
K=6	A=	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.1	2.3	2.7	3.0	3.3 - 7.9
K=7	A=	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.3	2.6	2.9	3.3 - 7.3
K=8	A=	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.3	2.6	2.9	3.2 - 6.9
		-	-	-	-	-	-	-	-	-	-	-	-	-	- -
K=15	A=	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.3	1.6	1.8	2.0	2.3	2.5	2.8 - 5.4

Space needed to open the door

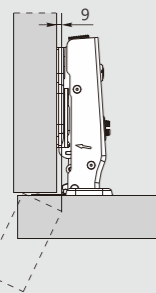


	T=	20	21	22	23	24	25	26	27	28	29	30	31	32	33 - 40
K=3-9	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=10	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3 - 0.8
K=11	L=	0.4	0.5	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.4 - 1.8
K=12	L=	1.4	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.4 - 2.8
K=13	L=	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3 - 3.8
K=14	L=	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.3	4.3 - 4.8
K=15	L=	4.4	4.5	4.6	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3 - 5.8

- 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

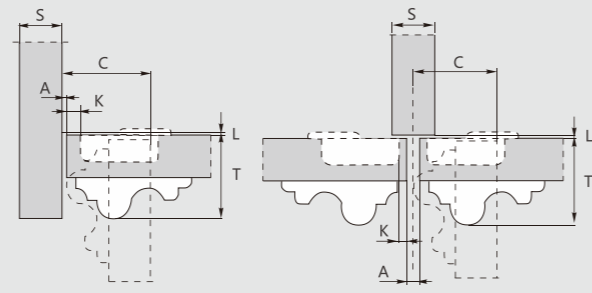
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"C" value

$$C=28+K+A$$

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.



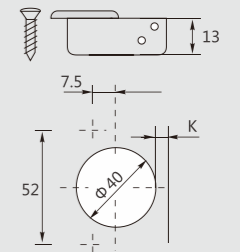
ORDER INFORMATION



Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

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)

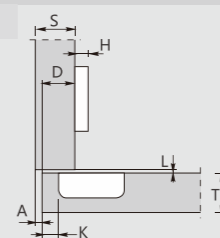
Nexus Enterprises

C80 series Φ 40mm snap-on soft close hinge 95° (two way, cam adjustable)

Full overlay C=0



$$H=18+K-(D)$$

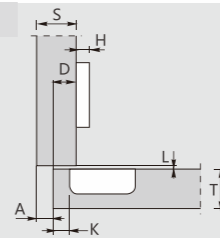


	Item No.	Pcs/ctn
Soft-close	C80A697F	200
Sprung	C80A697	200

Half overlay C=9



$$H=9+K-(D)$$

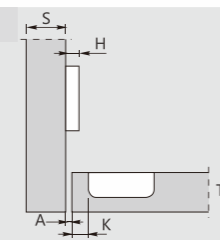


	Item No.	Pcs/ctn
Soft-close	C80B697F	200
Sprung	C80B697	200

Inset C=24



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



	Item No.	Pcs/ctn
Soft-close	C80C697F	200
Sprung	C80C697	200

PIVOT-PRO

C80 Series Φ 26mm Soft-close Mini Hinges



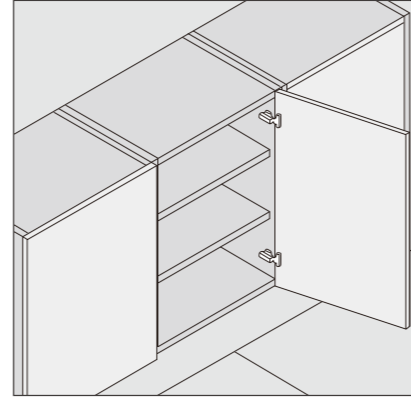
PRODUCT



DESCRIPTION

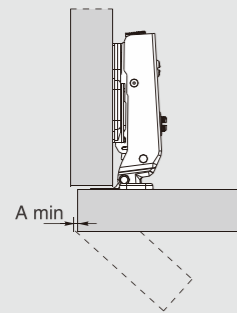
- Opening angle: 100°
- Depth of hinge cup: 10mm
- Diameter of hinge cup: 26mm
- Range of door thickness: 12-22mm
- Possible drilling distances on the door(K): 3-7 mm

APPLICATION



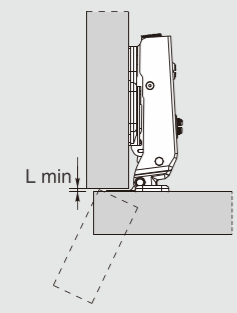
PLANNING

Space needed to open the door



	T=	12	13	14	15	16	17	18	19	20	21	22
K=3	A=	0.5	0.8	1.1	1.4	1.9	2.6	3.4	4.2	5.1	6.0	6.9
K=4	A=	0.5	0.7	1.0	1.4	1.8	2.3	3.0	3.8	4.6	5.4	6.3
K=5	A=	0.5	0.7	1.0	1.3	1.7	2.2	2.8	3.4	4.2	5.0	5.8
K=6	A=	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.2	3.9	4.6	5.4
K=7	A=	0.4	0.6	0.9	1.2	1.5	1.9	2.4	2.9	3.6	4.3	5.0

Space needed to open the door

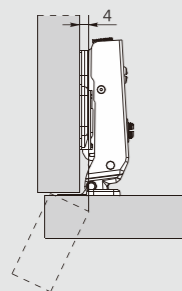


	T=	12	13	14	15	16	17	18	19	20	21	22
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.6	0.8
K=4	L=	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.8
K=5	L=	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8
K=6	L=	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8
K=7	L=	3.0	3.2	3.4	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.7

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

Projection of the door

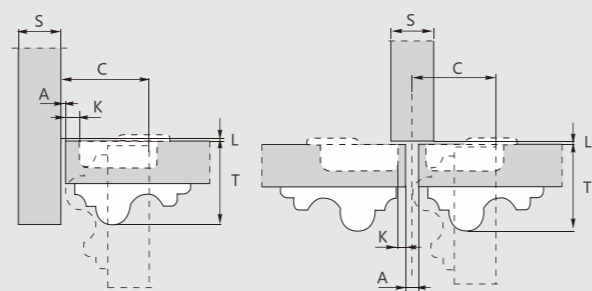
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"C" value

$$C=13+K+ A$$

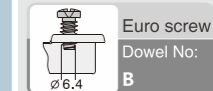
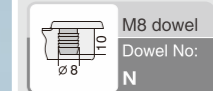
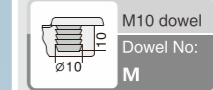
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



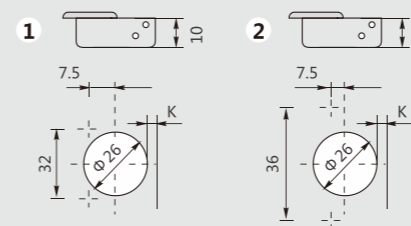
ORDER INFORMATION



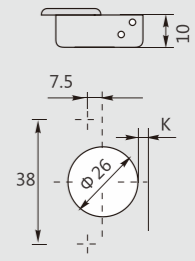
Φ 26mm Options of screws and dowels:



Φ 26mm 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.



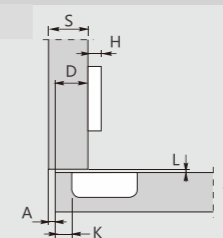
Nickel plated(A01)

C80 series snap-on soft close mini hinge 100° (one way, cam-adjustable)

Full overlay C=0



$$H=10.5+K-(D)$$

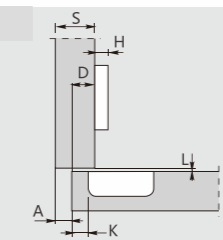


	Item No.	Pcs/ctn
Soft-close	C80A6A3F	200
Sprung	C80A6A3	200

Half overlay C=9



$$H=1.5+K-(D)$$

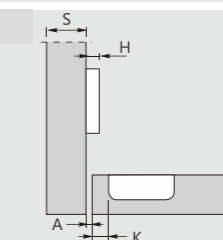


	Item No.	Pcs/ctn
Soft-close	C80B6A3F	200
Sprung	C80B6A3	200

Inset C=16.5



$$H=-8.5+K+(A)$$



	Item No.	Pcs/ctn
Soft-close	C80C6A3F	200
Sprung	C80C6A3	200

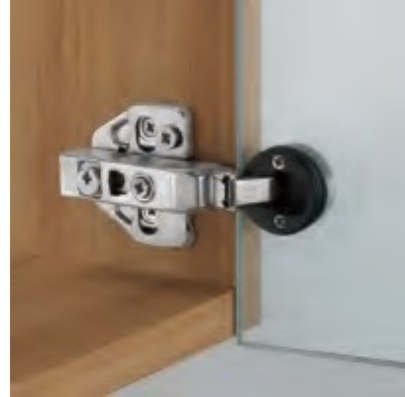
Nexus Enterprises

PIVOT-PRO

C80 Series Φ 26mm Soft-close Mini Glass Hinges



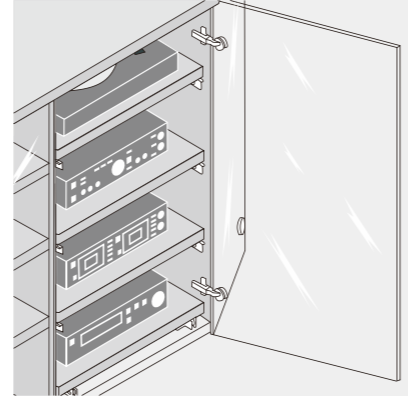
PRODUCT



DESCRIPTION

- Opening angle: 95°
- Depth of hinge cup: 10.6mm
- Diameter of hinge cup: 26mm
- Available glass door thickness: 4-6mm
- Possible drilling distances on the glass door(K): 4-7mm

APPLICATION



ORDER INFORMATION

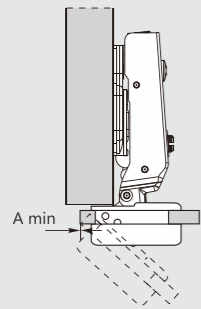


Available finishes for Φ 26mm covers

Chrome:	C01
Dark Chrome:	C02
Bright Silver:	C03
Silver:	C04
Satin Gold:	C05
Satin Silver:	C06
Satin Chrome:	C07
Bright Gold:	C08
Silver Grey:	C09

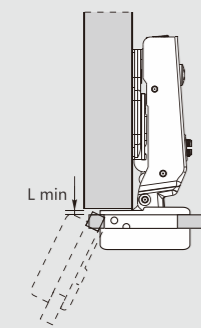
PLANNING

Space needed to open the door



	T=	12	13	14	15	16	17	18	19	20	21	22
K=4	A=	0.5	0.7	1.0	1.4	1.8	2.3	3.0	3.8	4.6	5.4	6.3
K=5	A=	0.5	0.7	1.0	1.3	1.7	2.2	2.8	3.4	4.2	5.0	5.8
K=6	A=	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.2	3.9	4.6	5.4
K=7	A=	0.4	0.6	0.9	1.2	1.5	1.9	2.4	2.9	3.6	4.3	5.0

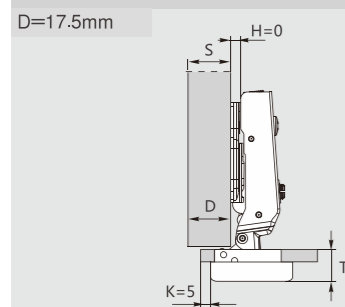
Space needed to open the door



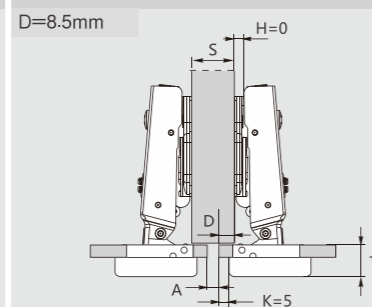
	T=	12	13	14	15	16	17	18	19	20	21	22
K=4	L=	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.8
K=5	L=	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8
K=6	L=	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8
K=7	L=	3.0	3.2	3.4	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.7

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

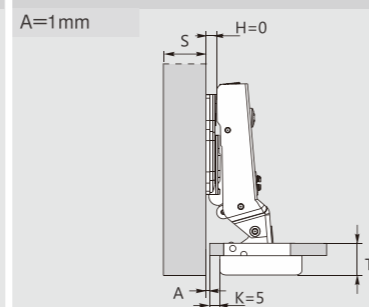
C=0 Application with full overlay door



C=9 Application with half overlay door



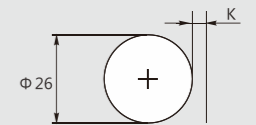
C=18 Application with inset door



Options of Φ 26mm covers:

	Item No.	Pcs/ctn
ABS oval cover	P2B	200
ABS round cover	P2C	200
Metal oval cover	Z3B	200
Metal round cover	Z3C	200

Nickel plated(A01)

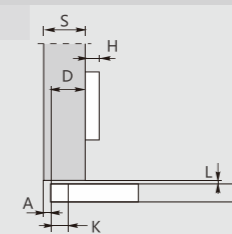


C80 series snap-on soft close mini glass hinge 100° (one way, cam-adjustable)

Full overlay C=0



$$H=10.5+K-(D)$$

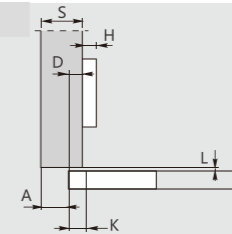


	Item No.	Pcs/ctn
Soft-close	C80A611F	200
Sprung	C80A611	200

Half overlay C=9



$$H=1.5+K-(D)$$

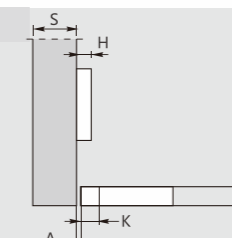


	Item No.	Pcs/ctn
Soft-close	C80B611F	200
Sprung	C80B611	200

Inset C=17



$$H=-8.5+K+(A)$$



	Item No.	Pcs/ctn
Soft-close	C80C611F	200
Sprung	C80C611	200

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PIVOT-PRO

C80 Series Soft-close Mirror Hinges



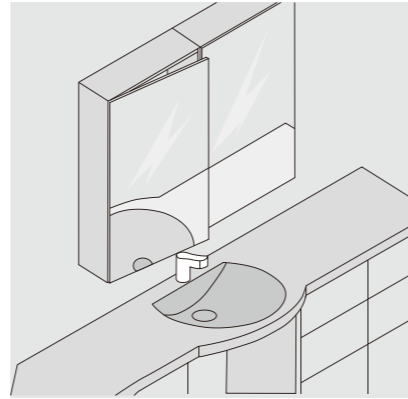
PRODUCT



DESCRIPTION

- Opening angle: 125°
- Available glass door thickness: 3-6mm
- Adhesion distance (K): 0-16.5mm

APPLICATION

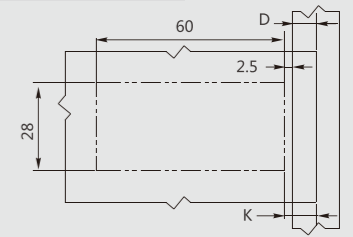


ORDER INFORMATION



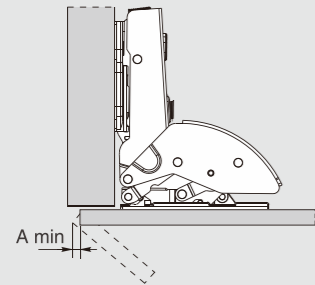
Adhesion distance:

Assembly instructions:
Please contact your glass or door supplier concerning the right adhesive and its use.



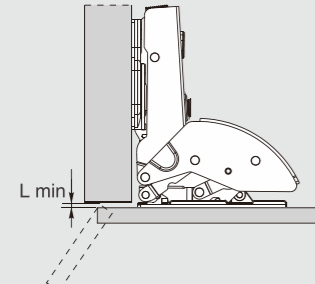
PLANNING

Space needed to open the door



	T=	3	4	5	6									
K=1.5	A=	13.6	14.4	15.2	16.1									
K=3.0	A=	11.2	12.1	12.9	13.8									
K=4.5	A=	8.9	9.8	10.7	11.6									
K=6.0	A=	6.8	7.7	8.6	9.5									
K=7.5	A=	4.2	5.0	5.8	6.6									
K=8.0	A=	2.8	3.8	4.8	5.8									
		-	-	-	-									
K=16.5	A=	0	0	0.3	0.8									

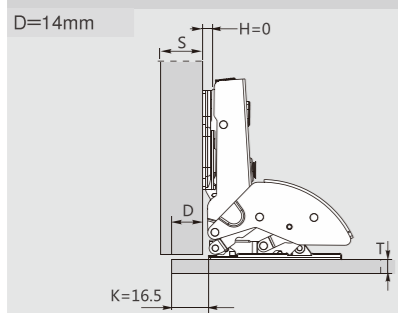
Space needed to open the door



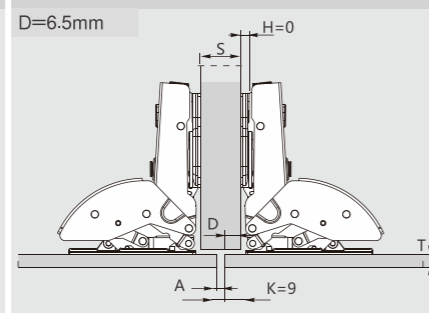
	T=	3	4	5	6									
K=1.5	L=	0	0	0	0									
K=3.0	L=	0	0	0	0									
K=3.5	L=	0	0	0	0									
		-	-	-	-									
K=16.5	L=	0	0	0	0									

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

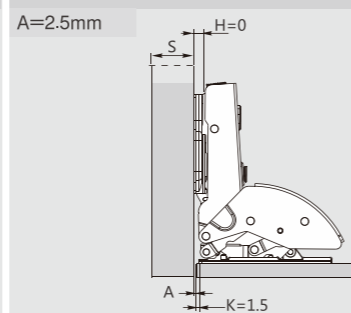
C=0 Application with full overlay door



C=7.5 Application with half overlay door



C=15 Application with inset door



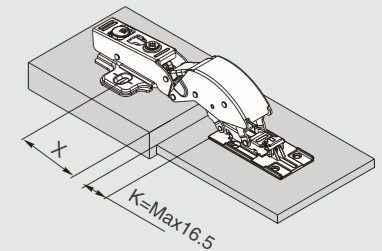
Nexus Enterprises

Limitation of liability:
As the adhesive and/or adhesive process are beyond our control, DTC cannot accept liability for claims in this regard.

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

Caution
Drilling distance: Full overlay, Half overlay X=46, Inset X=46+S+1

$$K(\min 0, \max 16.5) = D + 2.5$$



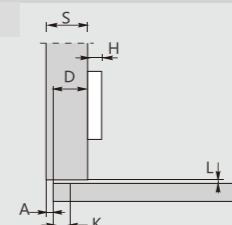
Nickel plated (A01)

C80 series snap-on soft close mirror hinge 125° (two way, cam-adjustable)

Full overlay C=0



$$H = -2.5 + K - (D)$$

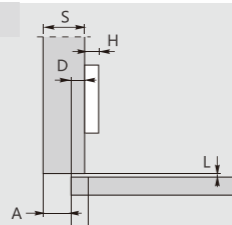


	Item No.	Pcs/ctn
Soft-close	C80A689F	200
Sprung	C80A689	200

Half overlay C=7.5



$$H = -2.5 + K - (D)$$

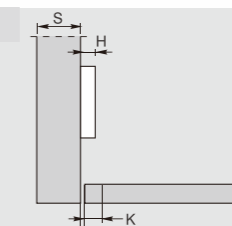


	Item No.	Pcs/ctn
Soft-close	C80A689F	200
Sprung	C80A689	200

Inset C=15



$$H = -2.5 + K + (A)$$



	Item No.	Pcs/ctn
Soft-close	C80A689F	200
Sprung	C80A689	200

PIVOT-PRO

C80 Series Φ 35mm Soft-close Hinges



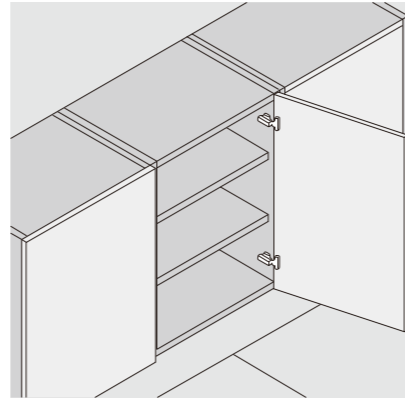
PRODUCT



DESCRIPTION

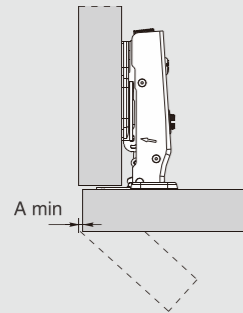
- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door (K): 3-6mm

APPLICATION



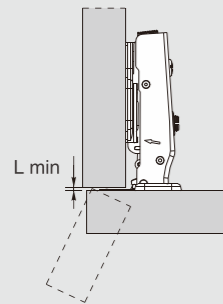
PLANNING

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

Space needed to open the door

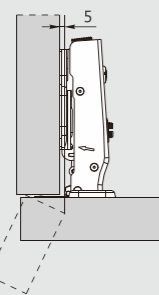


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

Projection of the door

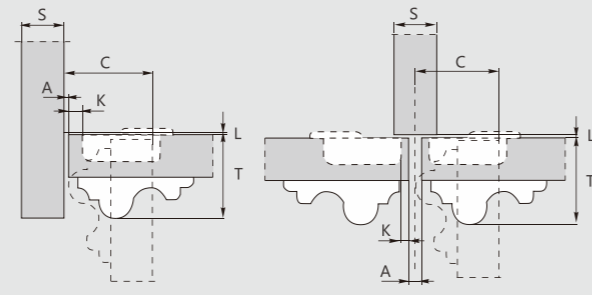
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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.



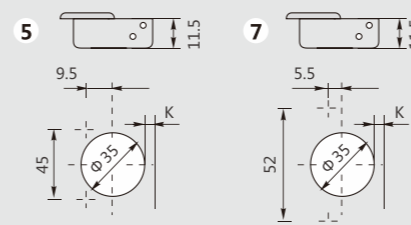
ORDER INFORMATION



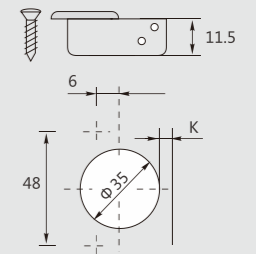
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



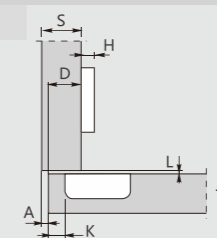
Nickel plated(A01)

C80 series snap-on soft close hinge 110° (two way)

Full overlay C=0



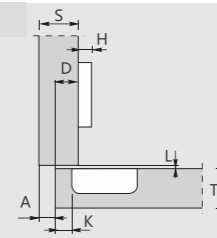
$$H = 12 + K - (D)$$



Half overlay C=9



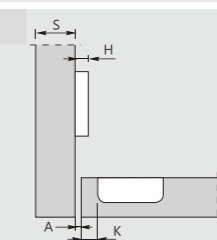
$$H = 3 + K - (D)$$



Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	C80A476F	200
Sprung	C80A476	200

	Item No.	Pcs/ctn
Soft-close	C80B476F	200
Sprung	C80B476	200

	Item No.	Pcs/ctn
Soft-close	C80C476F	200
Sprung	C80C476	200

Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm Soft-close Glass Hinges



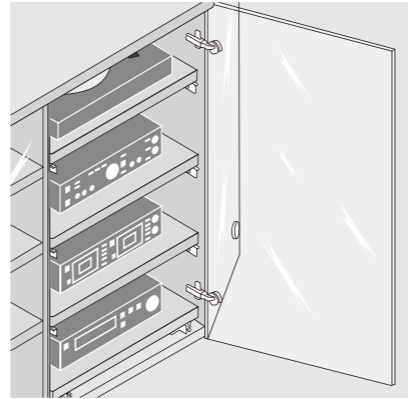
PRODUCT



DESCRIPTION

- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Available glass door thickness: 4-6mm
- Possible drilling distances on the glass door(K): 3-6mm

APPLICATION



ORDER INFORMATION

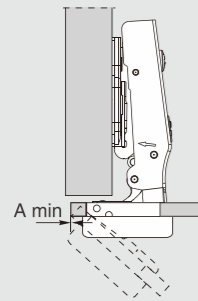


Available finishes for Φ 35mm covers

Chrome:	C01
Dark Chrome:	C02
Bright Silver:	C03
Silver:	C04
Satin Gold:	C05
Satin Silver:	C06
Satin Chrome:	C07
Bright Gold:	C08
Silver Grey:	C09

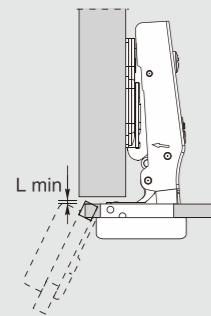
PLANNING

Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24	25	26
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

Space needed to open the door

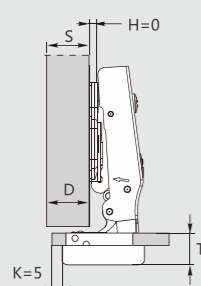


	T=	16	17	18	19	20	21	22	23	24	25	26
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

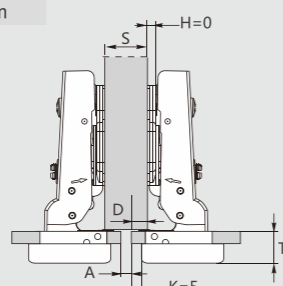
C=0 Application with full overlay door

D=19mm



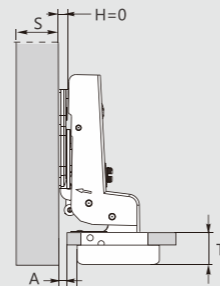
C=9 Application with half overlay door

D=10mm

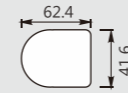


C=18 Application with inset door

A=1mm



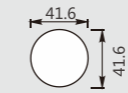
Options of Φ 35mm covers:



ABS oval cover

Item No. **A2B**

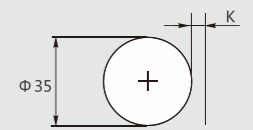
Pcs/ctn 200



ABS round cover

Item No. **A2C**

Pcs/ctn 200



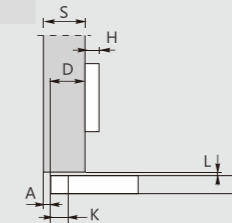
Nickel plated(A01)

C80 series snap-on soft close glass hinge 110° (two way)

Full overlay C=0



H=12+K-(D)

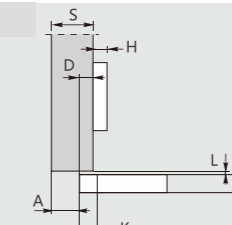


	Item No.	Pcs/ctn
Soft-close	C80A470F	200
Sprung	C80A470	200

Half overlay C=9



H=3+K-(D)

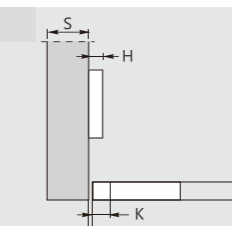


	Item No.	Pcs/ctn
Soft-close	C80B470F	200
Sprung	C80B470	200

Inset C=18



H=-6+K+(A)



	Item No.	Pcs/ctn
Soft-close	C80C470F	200
Sprung	C80C470	200

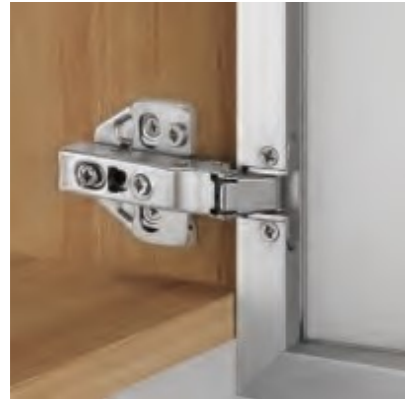
Nexus Enterprises

PIVOT-PRO

C80 Series Soft-close Aluminium Frame Hinges



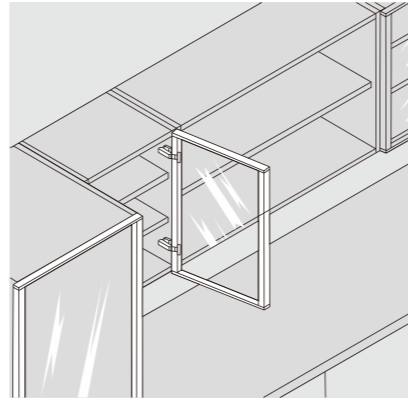
PRODUCT



DESCRIPTION

- Opening angle: 110°
- Drilling dimension on aluminium frame hinge head: 28mm
- Range of width of aluminium frame (V): 19-22mm

APPLICATION

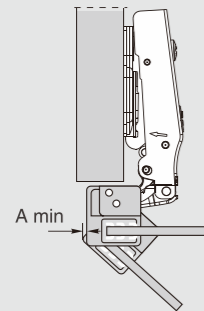


ORDER INFORMATION



PLANNING

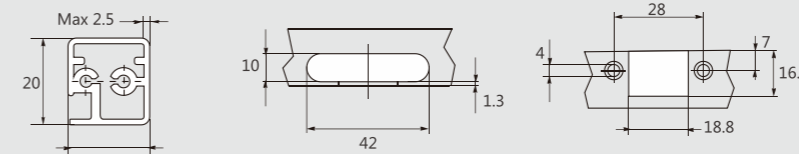
Space needed to open the door



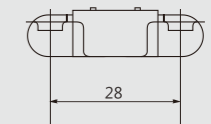
	T=	16	17	18	19	20	21	22	23	24	25	26
V=19	A=	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.2	3.8	4.5	5.3
V=20	A=	0.7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.5	4.4	4.9
V=21	A=	0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4	3.9	4.6
V=22	A=	0.6	0.8	1.1	1.3	1.6	2.0	2.4	2.8	3.2	3.8	4.4

Drilling dimensions on aluminium frame

V: 19mm-22mm

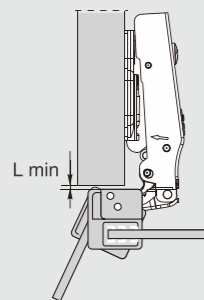


Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" for each door application.



Nickel plated(A01)

Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24	25	26
V=19	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
V=20	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
V=21	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
V=22	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

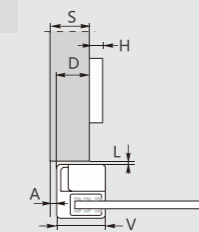
- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiused edges.

C80 series snap-on soft close ai frame hinge 110° (two way)

Full overlay C=0



H=-2+V-(D)

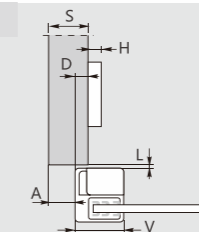


	Item No.	Pcs/ctn
Soft-close	C80A478F	200
Sprung	C80A478	200

Half overlay C=9



H=-11+V-(D)

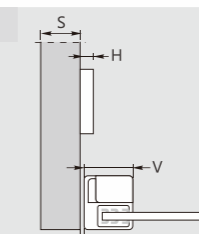


	Item No.	Pcs/ctn
Soft-close	C80B478F	200
Sprung	C80B478	200

Inset C=18



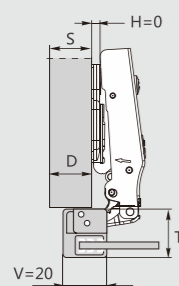
H=-20.5+V+(A)



	Item No.	Pcs/ctn
Soft-close	C80C478F	200
Sprung	C80C478	200

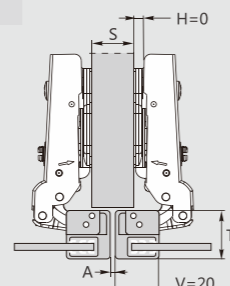
C=0 Application with full overlay door

D=18mm



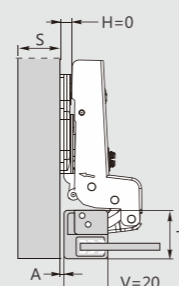
C=9 Application with half overlay door

D=9mm



C=18 Application with inset door

A=0.5mm



PIVOT-PRO

C80 Series Φ 35mm Angled Hinges

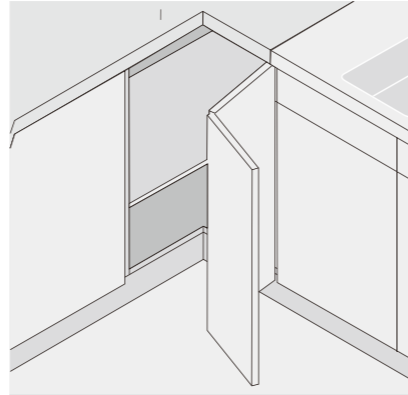
PRODUCT



DESCRIPTION

- Opening angle: 55°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 14-26mm
- Possible drilling distances on the door(K): 3-7 mm







APPLICATION



ORDER INFORMATION

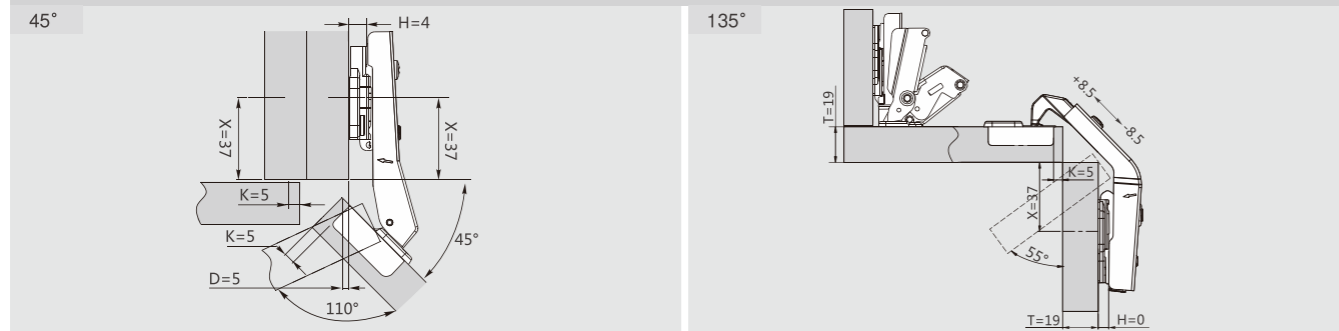


Options of screws and dowels:

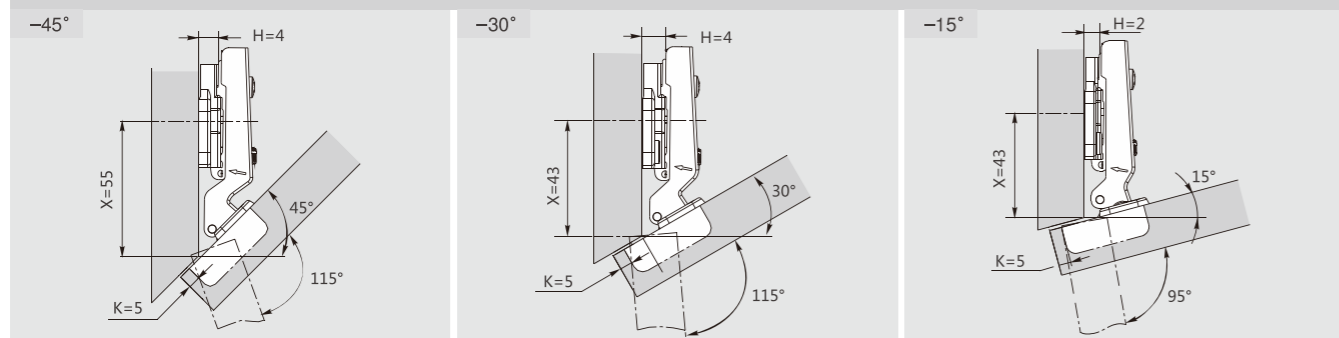
 M10 dowel Dowel No: M	 Expandable dowel Dowel No: K
 M8 dowel Dowel No: N	 Expandable dowel Dowel No: K0
 Euro screw Dowel No: B	 Quick dowel Dowel No: T0

Φ 35MM CORNER DOOR, BI-FOLD DOOR, -45°~45° ANGLED HINGE APPLICATIONS

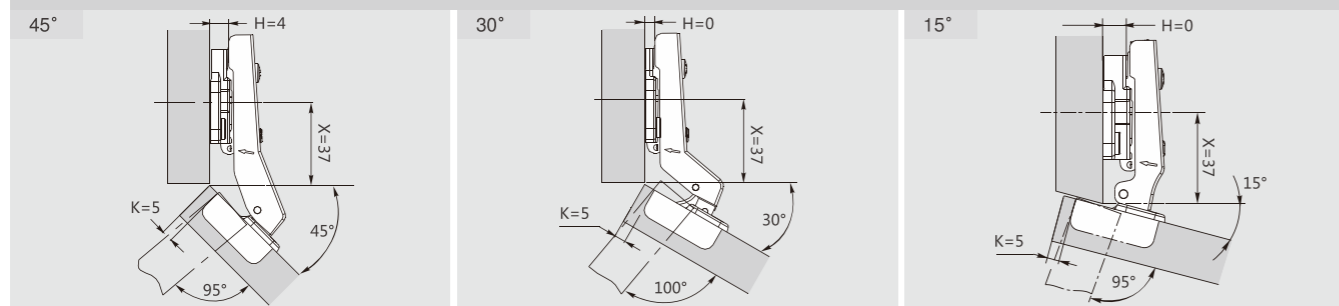
Kitchen corner door applications



Negative angled hinge applications



Positive angled hinge applications



5

7

The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.

Nickel plated(A01)

C80 series snap-on angled hinge(two way)

Adjustment range of D -3 ↔ +3

Adjustment range of L -3 ↔ +3

Door thickness	Mounting plate height
14 ≤ T < 19	H=2
T=19	H=2
19 < T ≤ 26	H=0

	Item No.	Pcs/ctn
Sprung	C80H476	200

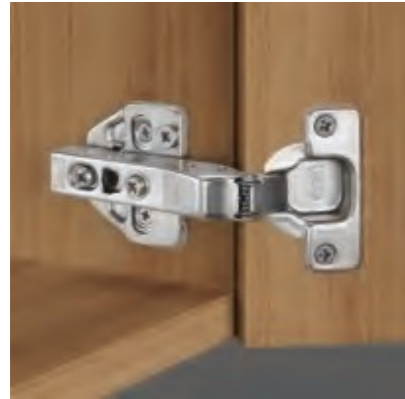
Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm Soft-close Angled Hinges



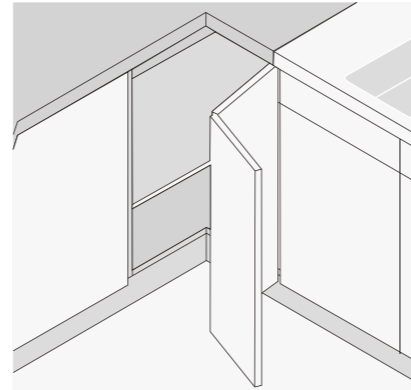
PRODUCT



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): 3-6mm

APPLICATION



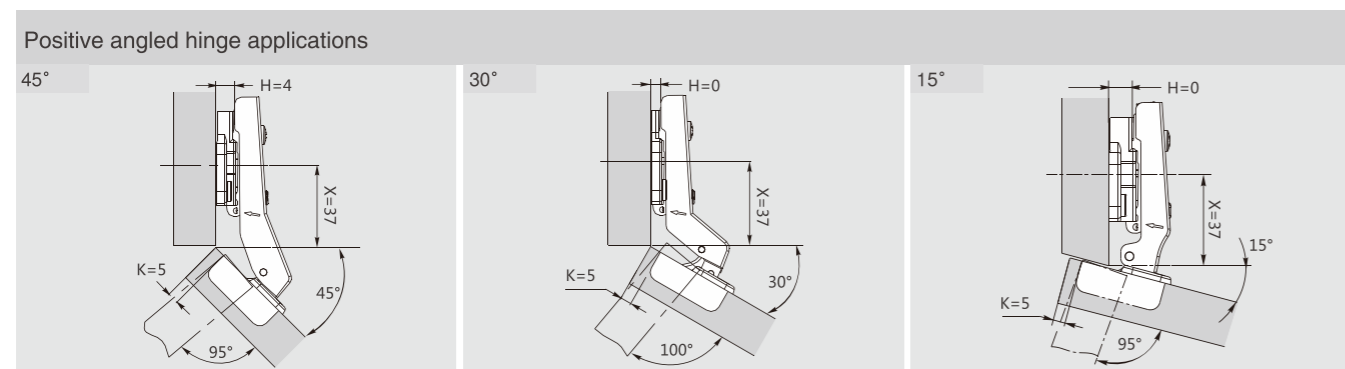
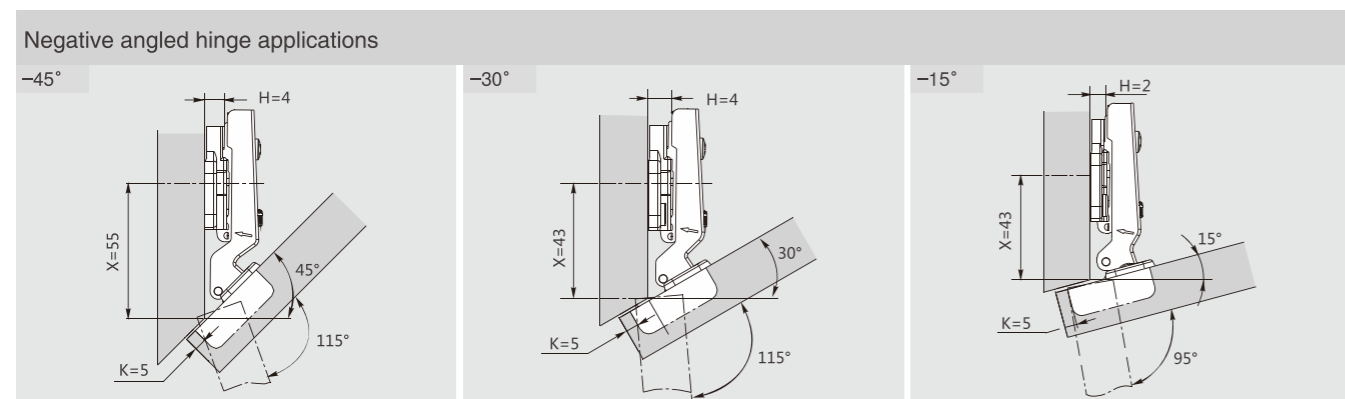
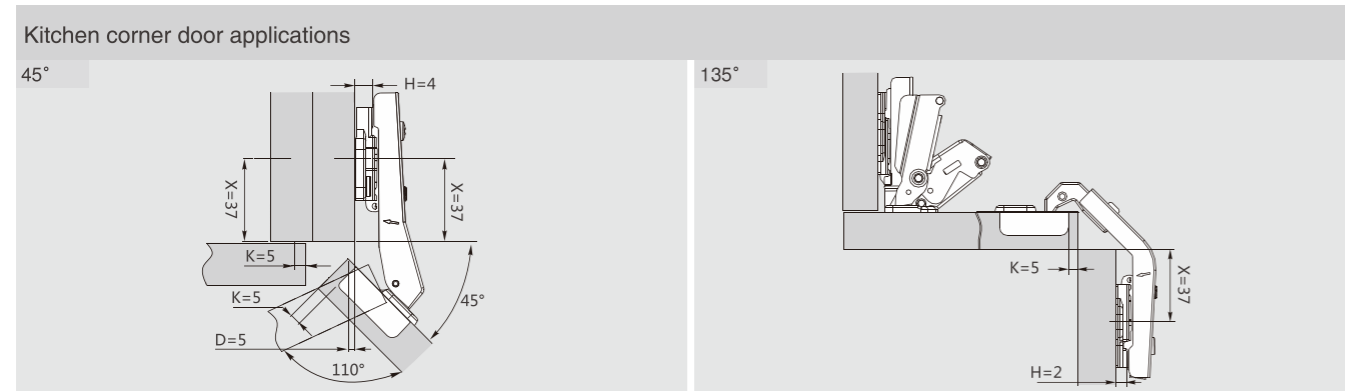
ORDER INFORMATION



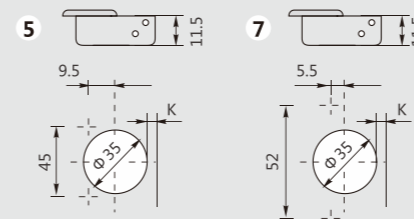
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

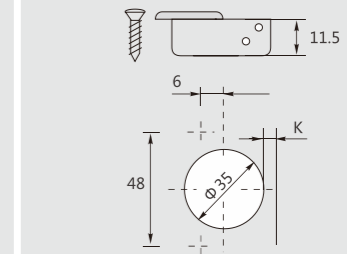
Φ 35MM CORNER DOOR, BI-FOLD DOOR, -45° ~45° ANGLED HINGE APPLICATIONS



Φ 35mm Hinge cup types



The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.



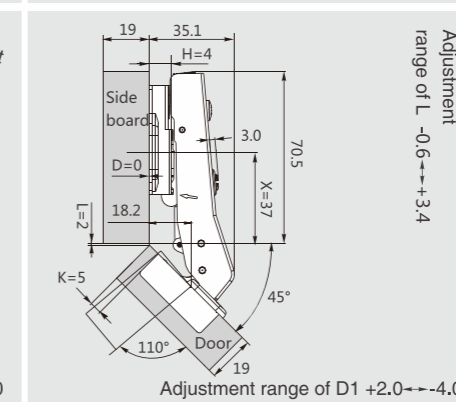
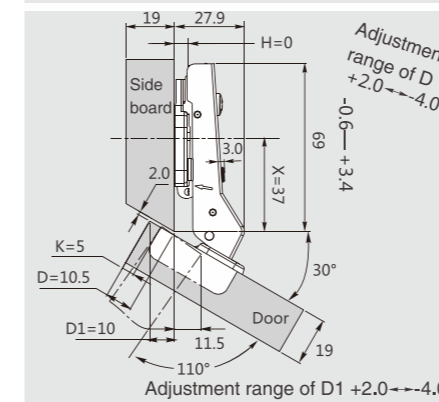
Nickel plated(A01)

C80 series snap-on soft close angled hinge 110° (two way)

Overlay 30°



Small Overlay 45°



	Item No.	Pcs/ctn	Item No.	Pcs/ctn
Soft-close	C80W476F	200	Soft-close	C80E476F
Sprung	C80W476	200	Sprung	C80E476

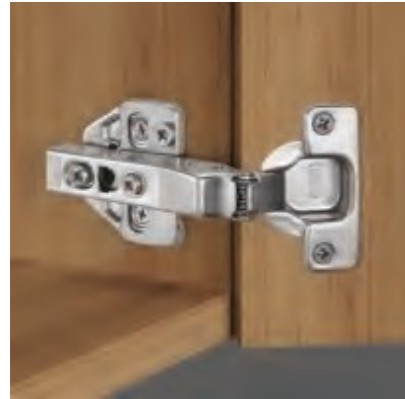
Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm Soft-close Angled Hinges



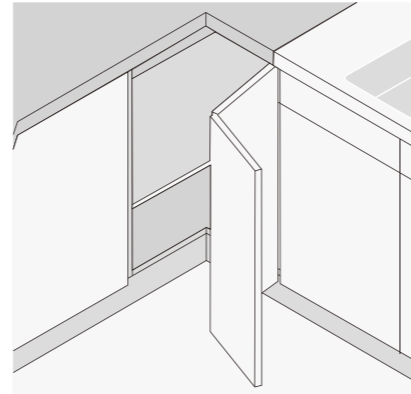
PRODUCT



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): 3-6mm

APPLICATION



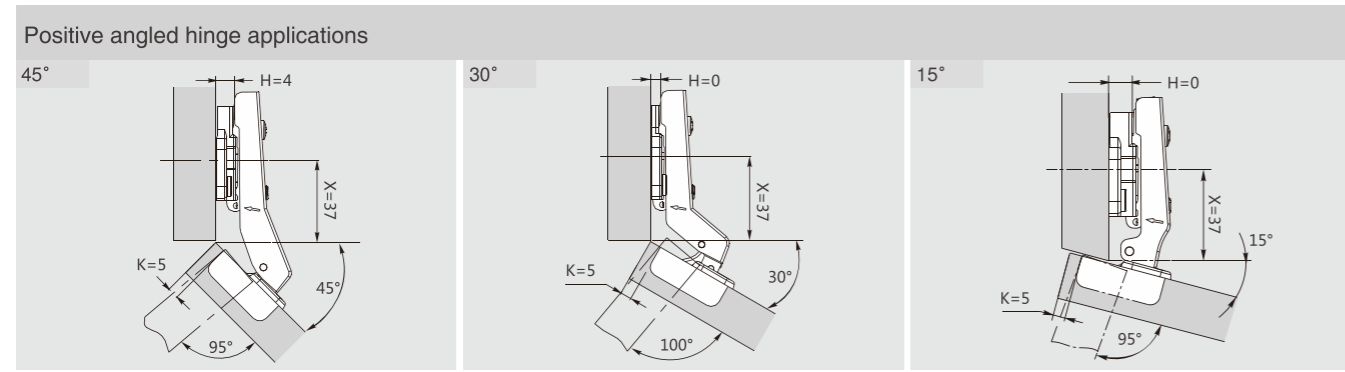
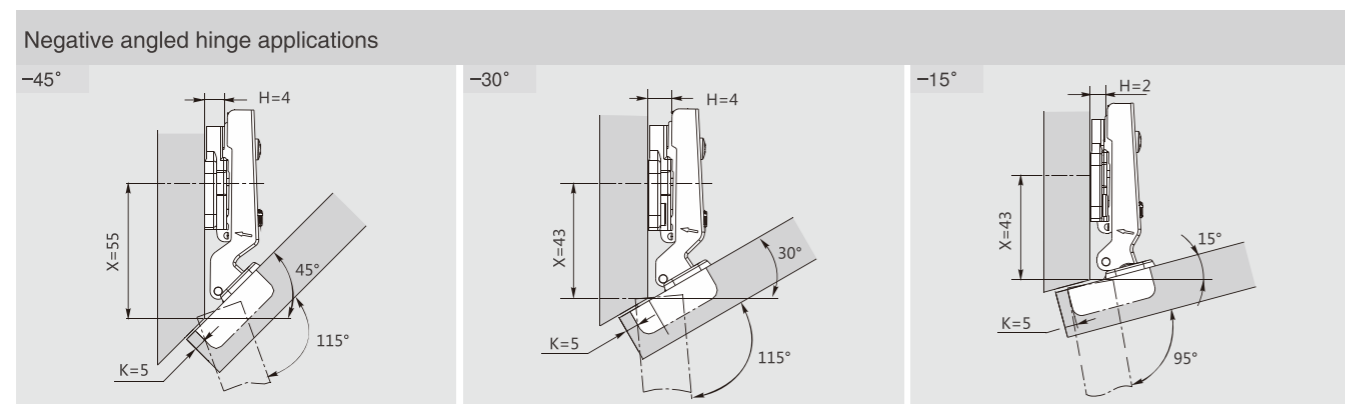
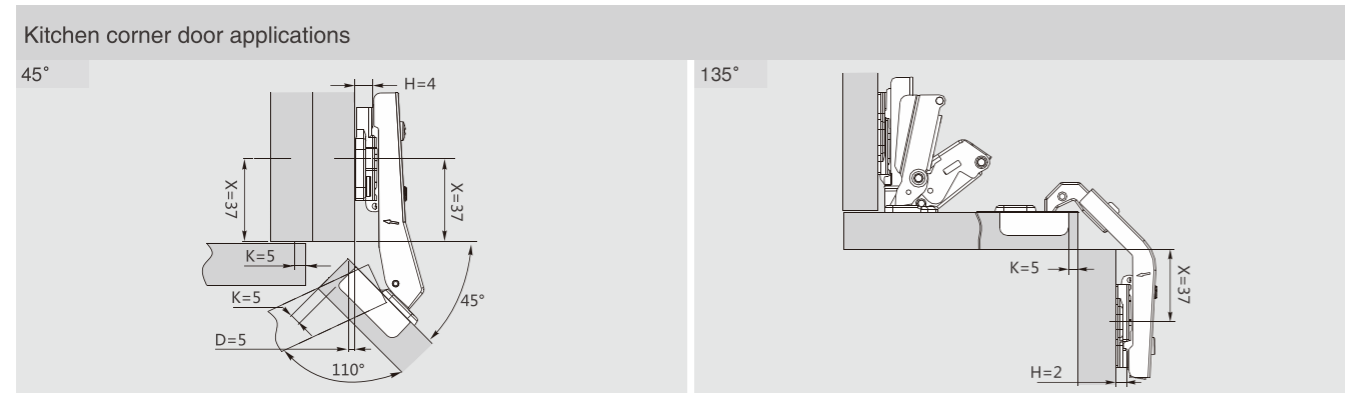
ORDER INFORMATION



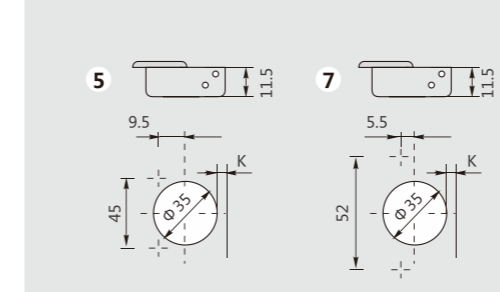
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

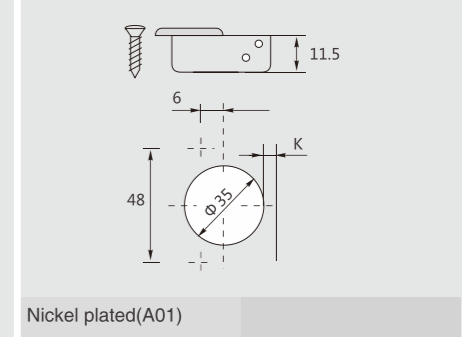
Φ 35MM CORNER DOOR, BI-FOLD DOOR, -45° ~45° ANGLED HINGE APPLICATIONS



Φ 35mm Hinge cup types



The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.



C80 series snap-on soft close angled hinge 110° (two way)

90°

90°

Adjustment range of D -4.0 ↔ +2.0

Adjustment range of L -0.6 ↔ +3.4

Item No.	Pcs/ctn
Soft-close C80J476F	200
Sprung C80J476	200

Adjustment range of D -4.0 ↔ +2.0

Adjustment range of L -0.6 ↔ +3.4

Item No.	Pcs/ctn
Soft-close C80G476F	200
Sprung C80G476	200

Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm 155° Soft-close Hinges



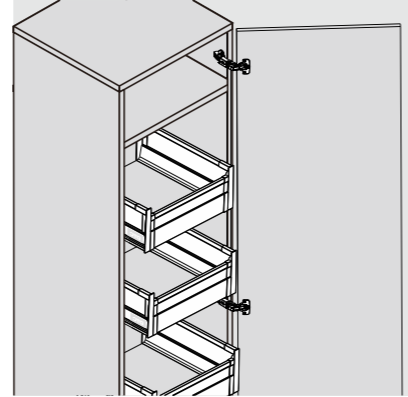
PRODUCT



DESCRIPTION

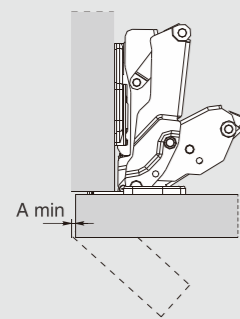
- Opening angle: 155°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-24mm
- Possible drilling distances on the door(K): 3-6mm

APPLICATION



PLANNING

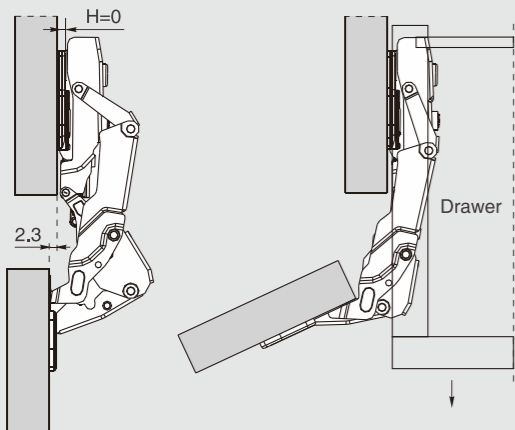
Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24		
K=3	A=	0	0	0	0	0	0	0	0	0		
K=4	A=	0	0	0	0	0	0	0	0	0		
K=5	A=	0	0	0	0	0	0	0	0	0		
K=6	A=	0	0	0	0	0	0	0	0	0		

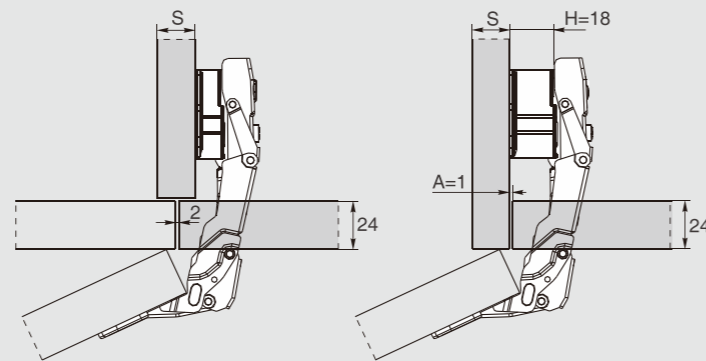
Application

The door combined with a mounting plate H=0, opens at 90° with a 2.3mm protrusion allowing objects (e.g. drawers) move from inside of the cabinet.



Full overlay C=0

No gap is required when door thickness is less than 24mm. A trial assembly is recommended when door thickness is more than 24mm.



Inset C=18

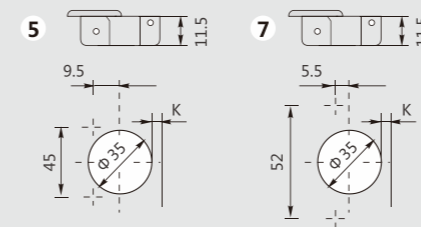
ORDER INFORMATION



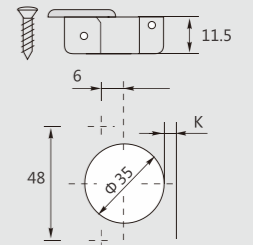
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K0
M8 dowel Dowel No: N	Quick dowel Dowel No: T0
Expandable dowel Dowel No: K	

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)

C80 series snap-on soft close hinge 155° (two way)

Full overlay C=0



Small overlay C=4



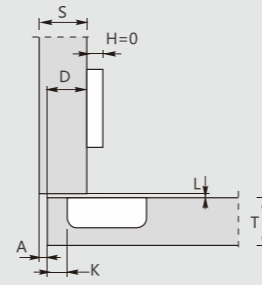
Half overlay C=9



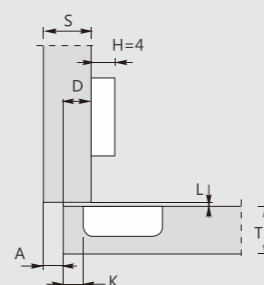
Inset C=18



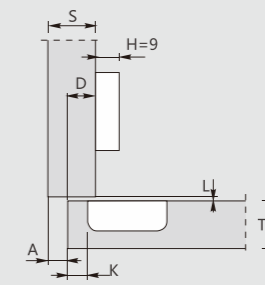
H=11+K-(D)



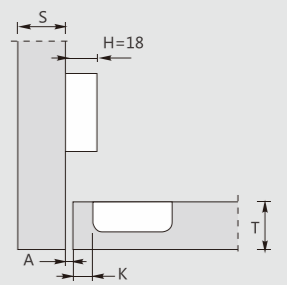
H=11+K-(D)



H=11+K-(D)



H=12+K-(D)



H=0 Mounting plate only

	Item No.	Pcs/ctn
Soft-close	C80A506F	100
Sprung	C80A506	100

H=4 Mounting plate only

	Item No.	Pcs/ctn
Soft-close	C80A506F	100
Sprung	C80A506	100

H=9 Mounting plate only

	Item No.	Pcs/ctn
Soft-close	C80A506F	100
Sprung	C80A506	100

H=18 Mounting plate only

	Item No.	Pcs/ctn
Soft-close	C80A506F	100
Sprung	C80A506	100

Nexus Enterprises

PIVOT-PRO

C80 Series Φ 35mm Soft-close Hinges for Thick Door



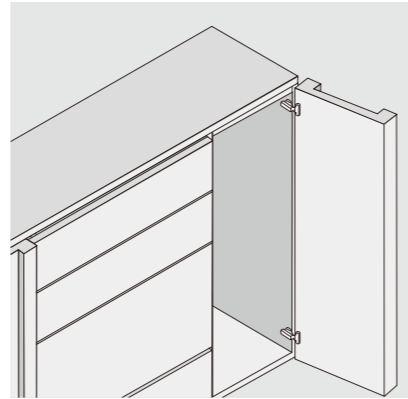
PRODUCT



DESCRIPTION

- Opening angle: 95°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 19-35mm
- Possible drilling distances on the door(K): 3-9mm

APPLICATION



ORDER INFORMATION

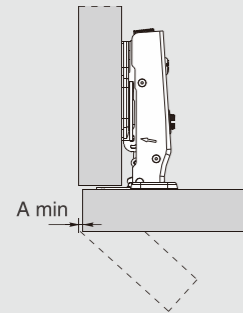


Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

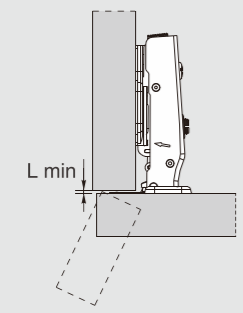
PLANNING

Space needed to open the door



T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 35	
K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.3	2.2	3.2	4.1	5.0	6.0	7.0 - 10
K=4	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.6	2.5	3.5	4.4	5.3	6.3 - 9.1
K=5	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	2.0	2.9	3.7	4.7	5.6 - 8.4
K=6	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	2.3	3.2	4.1	5.0 - 7.8
K=7	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.8	2.7	3.6	4.4 - 7.0
K=8	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.4	1.6	2.2	3.1	3.9 - 6.5
K=9	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.6	3.4 - 6.0

Space needed to open the door

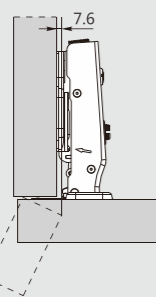


T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 35	
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0	
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0	
K=5	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.5 - 0.7	
K=6	L=	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.2	1.3	1.4	1.5 - 1.7	
K=7	L=	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.2	2.2	2.3	2.4	2.5 - 2.7
K=8	L=	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.2	3.2	3.3	3.4	3.5 - 3.7
K=9	L=	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.2	4.2	4.3	4.4	4.5 - 4.7

- 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

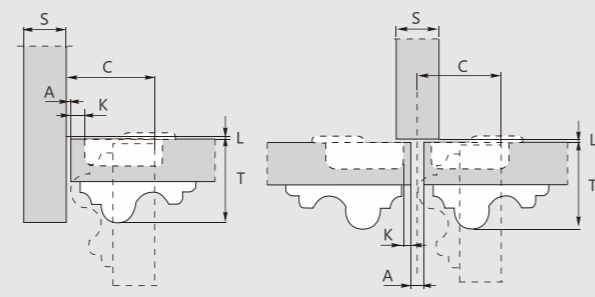
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



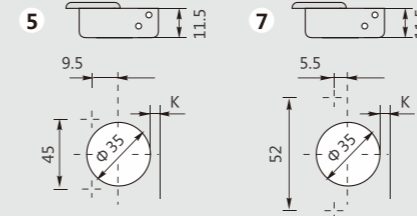
"C" value

$$C=22+K+A$$

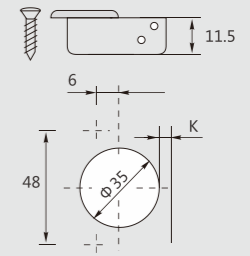
With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcass sides, doors or walls, whilst bearing in mind the above L-K-T values.



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.



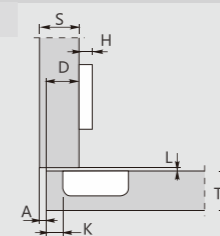
Nickel plated(A01)

C80 series snap-on soft close hinge 95° (two way)

Full overlay C=0



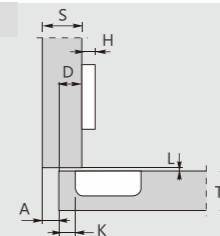
$$H=12+K-(D)$$



Half overlay C=9



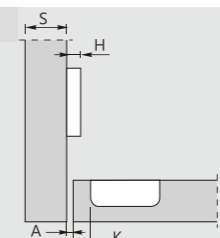
$$H=3+K-(D)$$



Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	C80A416F	200
Sprung	C80A416	200

	Item No.	Pcs/ctn
Soft-close	C80B416F	200
Sprung	C80B416	200

	Item No.	Pcs/ctn
Soft-close	C80C416F	200
Sprung	C80C416	200

PIVOT-PRO

C80 Series Φ 40mm Soft-close Hinges for Thick Door



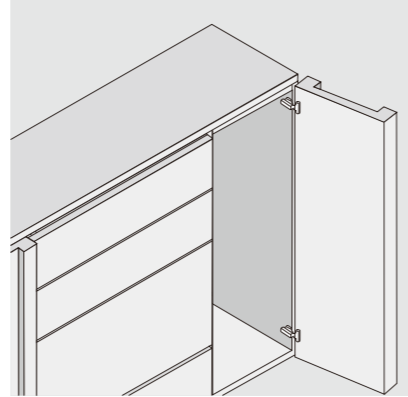
PRODUCT



DESCRIPTION

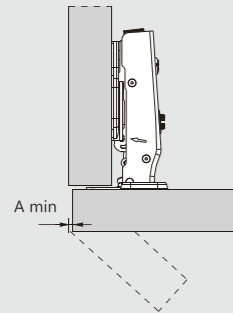
- Opening angle: 95°
- Depth of hinge cup: 13mm
- Diameter of hinge cup: 40mm
- Range of door thickness: 20-40mm
- Possible drilling distances on the door(K): 3-15mm

APPLICATION



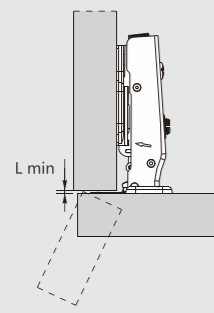
PLANNING

Space needed to open the door



	T=	20	21	22	23	24	25	26	27	28	29	30	31	32	33 - 40
K=3	A=	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.2	2.5	2.8	3.2	3.5 - 9.7
K=4	A=	0.3	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.1	2.4	2.8	3.1	3.4 - 9.1
K=5	A=	0.3	0.5	0.6	0.8	0.9	1.1	1.4	1.6	1.8	2.1	2.4	2.7	3.0	3.4 - 8.5
K=6	A=	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.1	2.3	2.7	3.0	3.3 - 7.9
K=7	A=	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.3	2.6	2.9	3.3 - 7.3
K=8	A=	0.3	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.3	2.6	2.9	3.2 - 6.9
		-	-	-	-	-	-	-	-	-	-	-	-	-	-
K=15	A=	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.3	1.6	1.8	2.0	2.3	2.5	2.8 - 5.4

Space needed to open the door

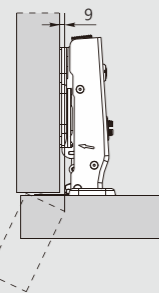


	T=	20	21	22	23	24	25	26	27	28	29	30	31	32	33 - 40
K=3-9	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=10	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3 - 0.8
K=11	L=	0.4	0.5	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.4 - 1.8
K=12	L=	1.4	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.4 - 2.8
K=13	L=	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3 - 3.8
K=14	L=	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.3	4.3 - 4.8
K=15	L=	4.4	4.5	4.6	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3 - 5.8

- 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

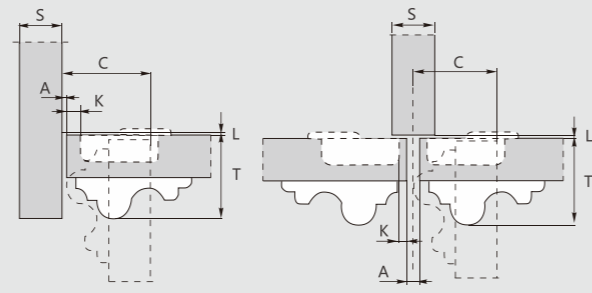
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"C" value

$$C=28+K+A$$

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.



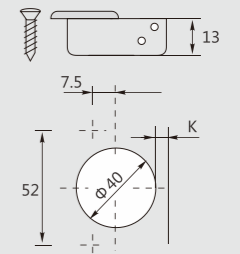
ORDER INFORMATION



Φ 40mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	Quick dowel Dowel No: T0

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)

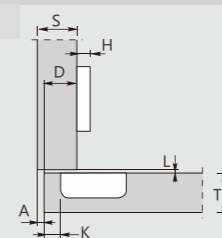
Nexus Enterprises

C80 series Φ 40mm snap-on soft close hinge 95° (two way)

Full overlay C=0



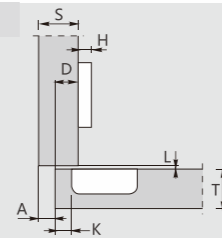
$$H=18+K-(D)$$



Half overlay C=9



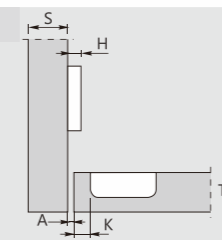
$$H=9+K-(D)$$



Inset C=24



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



	Item No.	Pcs/ctn
Soft-close	C80A497F	200
Sprung	C80A497	200

	Item No.	Pcs/ctn
Soft-close	C80B497F	200
Sprung	C80B497	200

	Item No.	Pcs/ctn
Soft-close	C80C497F	200
Sprung	C80C497	200

PIVOT-PRO

C80 Series Φ 26mm Soft-close Mini Hinges



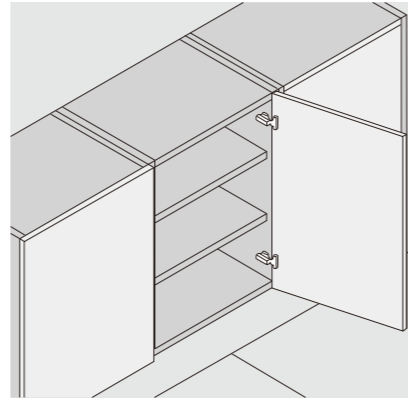
PRODUCT



DESCRIPTION

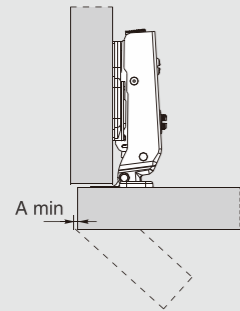
- Opening angle: 100°
- Depth of hinge cup: 10mm
- Diameter of hinge cup: 26mm
- Range of door thickness: 12-22mm
- Possible drilling distances on the door(K): 3-7mm

APPLICATION



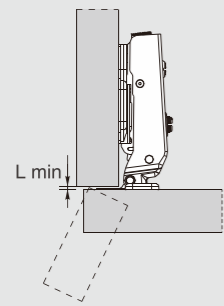
PLANNING

Space needed to open the door



	T=	12	13	14	15	16	17	18	19	20	21	22
K=3	A=	0.5	0.8	1.1	1.4	1.9	2.6	3.4	4.2	5.1	6.0	6.9
K=4	A=	0.5	0.7	1.0	1.4	1.8	2.3	3.0	3.8	4.6	5.4	6.3
K=5	A=	0.5	0.7	1.0	1.3	1.7	2.2	2.8	3.4	4.2	5.0	5.8
K=6	A=	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.2	3.9	4.6	5.4
K=7	A=	0.4	0.6	0.9	1.2	1.5	1.9	2.4	2.9	3.6	4.3	5.0

Space needed to open the door

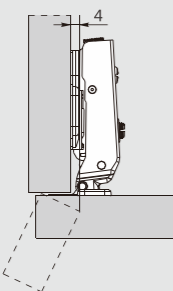


	T=	12	13	14	15	16	17	18	19	20	21	22
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.6	0.8
K=4	L=	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.8
K=5	L=	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8
K=6	L=	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8
K=7	L=	3.0	3.2	3.4	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.7

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

Projection of the door

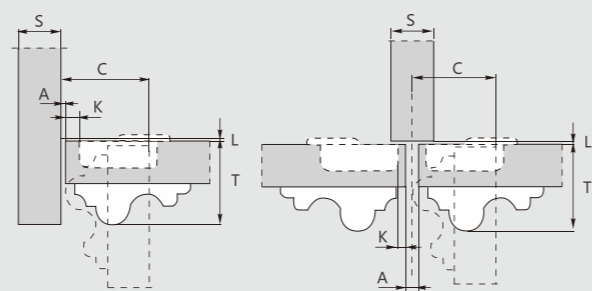
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"C" value

$$C=13+K+A$$

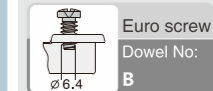
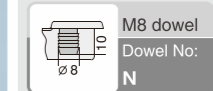
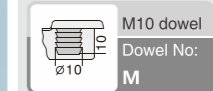
With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcass sides, doors or walls, whilst bearing in mind the above L-K-T values.



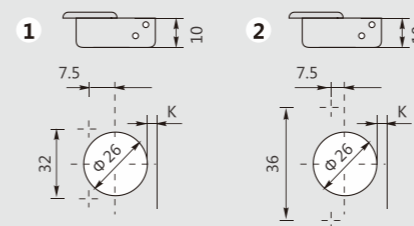
ORDER INFORMATION



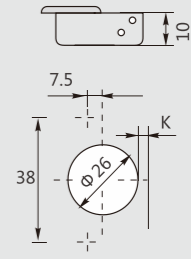
Φ 26mm Options of screws and dowels:



Φ 26mm 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.



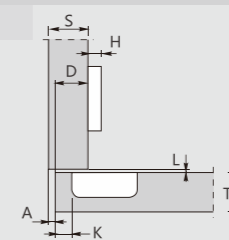
Nickel plated(A01)

C80 series snap-on soft close mini hinge 100° (one way)

Full overlay C=0



$$H=10.5+K-(D)$$

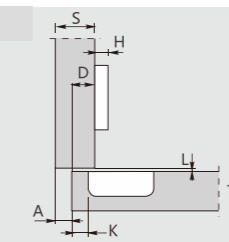


	Item No.	Pcs/ctn
Soft-close	C80A4A3F	200
Sprung	C80A4A3	200

Half overlay C=9



$$H=1.5+K-(D)$$

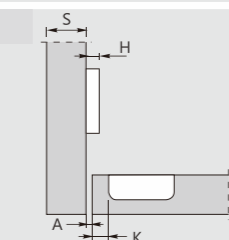


	Item No.	Pcs/ctn
Soft-close	C80B4A3F	200
Sprung	C80B4A3	200

Inset C=16.5



$$H=-8.5+K+(A)$$



	Item No.	Pcs/ctn
Soft-close	C80C4A3F	200
Sprung	C80C4A3	200

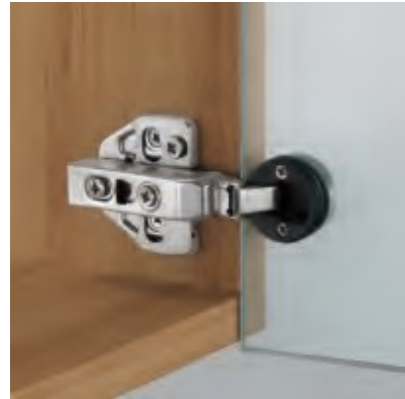
Nexus Enterprises

PIVOT-PRO

C80 Series Φ 26mm Soft-close Mini Glass Hinges



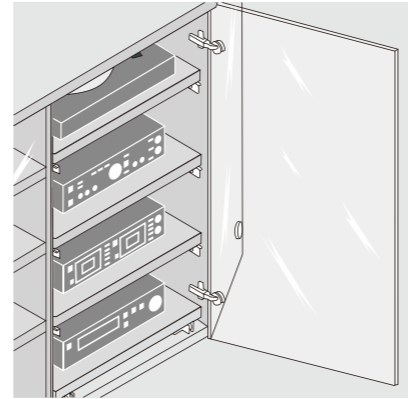
PRODUCT



DESCRIPTION

- Opening angle: 95°
- Depth of hinge cup: 10.6mm
- Diameter of hinge cup: 26mm
- Available glass door thickness: 4-6mm
- Possible drilling distances on the glass door(K): 4-7mm

APPLICATION



ORDER INFORMATION

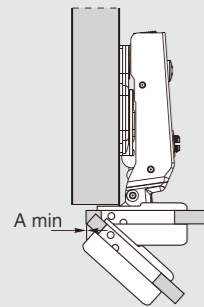


Available finishes for Φ 26mm covers

Chrome:	C01
Dark Chrome:	C02
Bright Silver:	C03
Silver:	C04
Satin Gold:	C05
Satin Silver:	C06
Satin Chrome:	C07
Bright Gold:	C08
Silver Grey:	C09

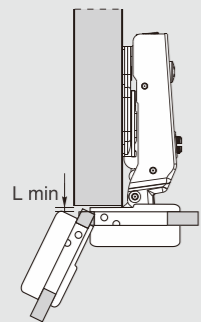
PLANNING

Space needed to open the door



	T=	12	13	14	15	16	17	18	19	20	21	22
K=4	A=	0.5	0.7	1.0	1.4	1.8	2.3	3.0	3.8	4.6	5.4	6.3
K=5	A=	0.5	0.7	1.0	1.3	1.7	2.2	2.8	3.4	4.2	5.0	5.8
K=6	A=	0.4	0.6	0.9	1.2	1.6	2.0	2.5	3.2	3.9	4.6	5.4
K=7	A=	0.4	0.6	0.9	1.2	1.5	1.9	2.4	2.9	3.6	4.3	5.0

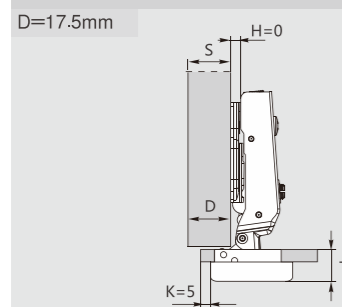
Space needed to open the door



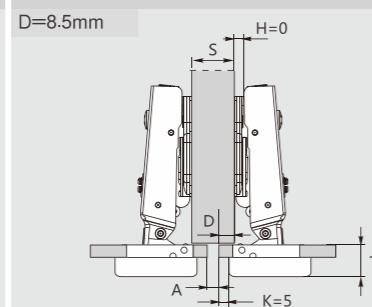
	T=	12	13	14	15	16	17	18	19	20	21	22
K=4	L=	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.4	1.6	1.8
K=5	L=	1.0	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8
K=6	L=	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8
K=7	L=	3.0	3.2	3.4	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.7

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

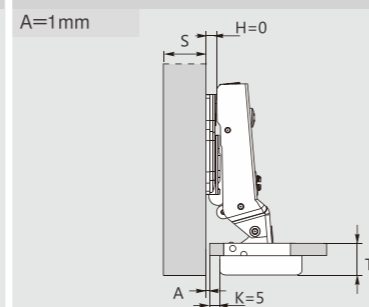
C=0 Application with full overlay door



C=9 Application with half overlay door



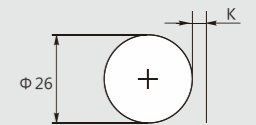
C=17 Application with inset door



Options of Φ 26mm covers:

		Item No.	Pcs/ctn
		ABS oval cover	P2B 200
		ABS round cover	P2C 200
		Item No.	Pcs/ctn
		Metal oval cover	Z3B 200
		Metal round cover	Z3C 200

Nickel plated(A01)

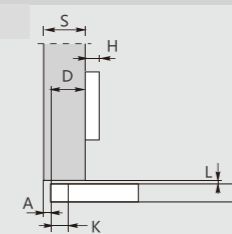


C80 series snap-on soft close mini glass hinge 100° (one way)

Full overlay C=0



$$H=10.5+K-(D)$$

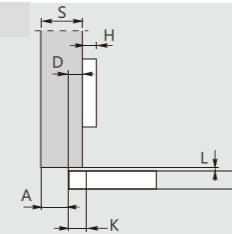


	Item No.	Pcs/ctn
Soft-close	C80A411F	200
Sprung	C80A411	200

Half overlay C=9



$$H=1.5+K-(D)$$

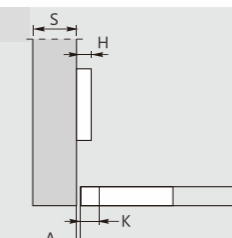


	Item No.	Pcs/ctn
Soft-close	C80B411F	200
Sprung	C80B411	200

Inset C=17



$$H=-8.5+K+(A)$$



	Item No.	Pcs/ctn
Soft-close	C80C411F	200
Sprung	C80C411	200

Nexus Enterprises

PIVOT-PRO

B80 Series Φ 35mm Soft-close Hinges with Integrated Plate



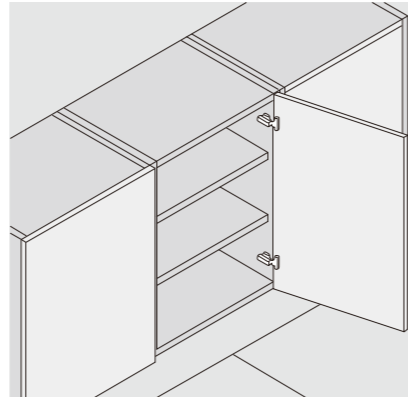
PRODUCT



DESCRIPTION

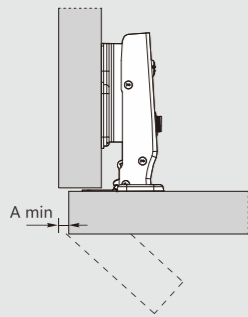
- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



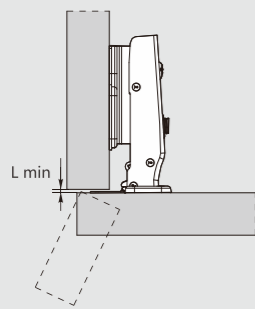
PLANNING

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

Space needed to open the door

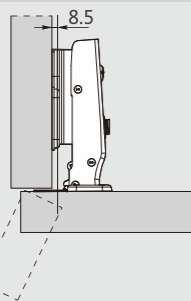


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

Projection of the door

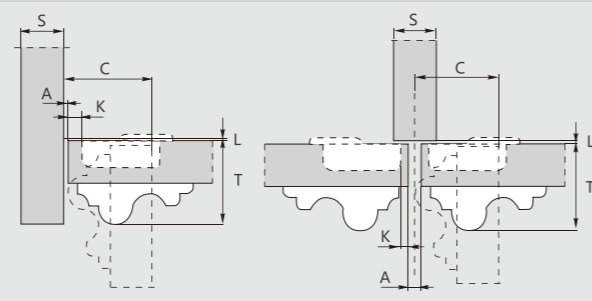
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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.



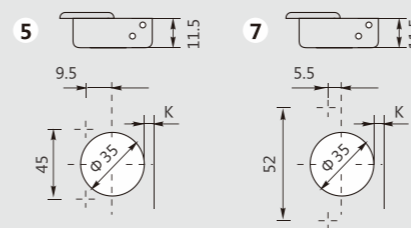
ORDER INFORMATION



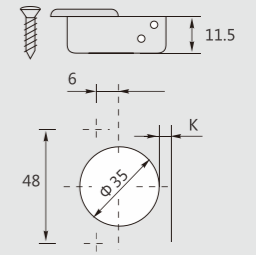
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



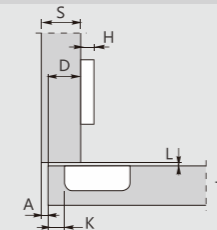
Nickel plated(A01)

B80 series soft-close hinge with integrated plate 110°(two way)

Full overlay C=0



$$H = 13 + K - (D)$$

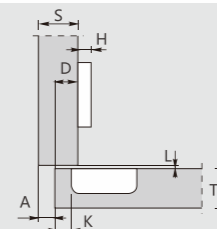


	Item No.	Pcs/ctn
Soft-close	B80A2764H	200
Sprung	B80A2764	200

Half overlay C=9



$$H = 4 + K - (D)$$

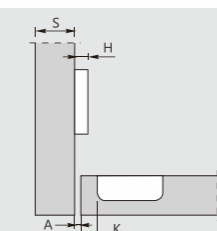


	Item No.	Pcs/ctn
Soft-close	B80B2764H	200
Sprung	B80B2764	200

Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	B80C2764H	200
Sprung	B80C2764	200

Nexus Enterprises

PIVOT-PRO

B80 Series Φ 35mm Soft-close Hinges with Integrated Plate for Thick Door



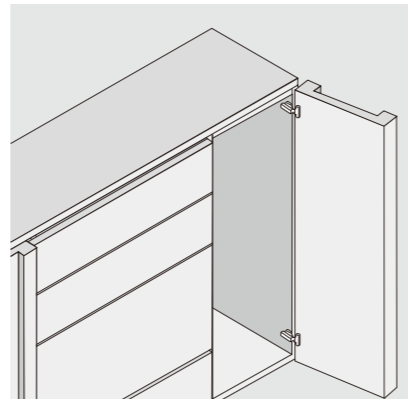
PRODUCT



DESCRIPTION

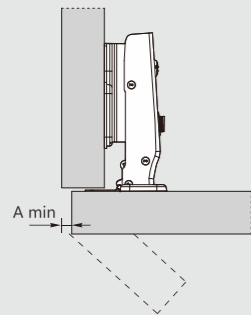
- Opening angle: 95°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 19-35mm
- Possible drilling distances on the door(K): 3-9 mm

APPLICATION



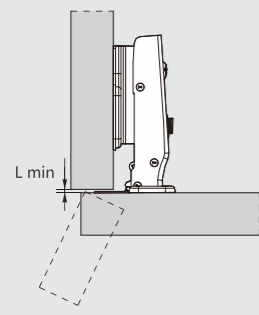
PLANNING

Space needed to open the door



T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 35
K=3	A= 0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.3	2.2	3.2	4.1	5.0	6.0	7.0 - 10
K=4	A= 0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.6	2.5	3.5	4.4	5.3	6.3 - 9.1
K=5	A= 0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	2.0	2.9	3.7	4.7	5.6 - 8.4
K=6	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	2.3	3.2	4.1	5.0 - 7.8
K=7	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.8	2.7	3.6	4.4 - 7.0
K=8	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.4	1.6	2.2	3.1	3.9 - 6.5
K=9	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.6	3.4 - 6.0

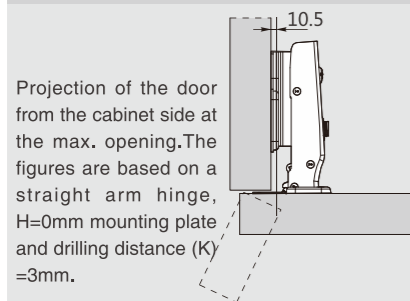
Space needed to open the door



T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 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
K=4	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
K=5	L= 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.5 - 0.7
K=6	L= 0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.2	1.2	1.3	1.4	1.5 - 1.7
K=7	L= 1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.2	2.2	2.3	2.4	2.5 - 2.7
K=8	L= 2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.2	3.2	3.3	3.4	3.5 - 3.7
K=9	L= 3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.2	4.2	4.3	4.4	4.5 - 4.7

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

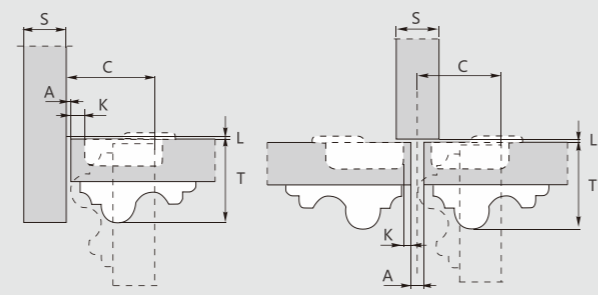
Projection of the door



"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.



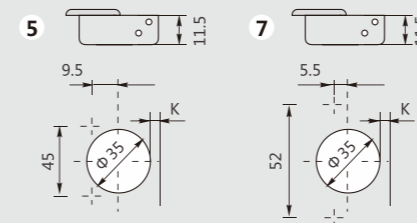
ORDER INFORMATION



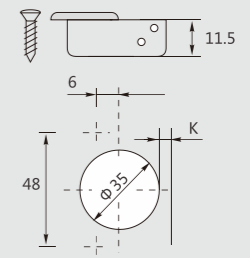
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



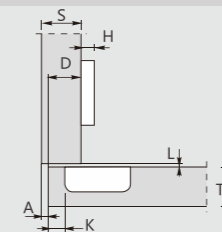
Nickel plated(A01)

B80 series soft-close hinge with integrated plate for thick door 95° (two way)

Full overlay C=0



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

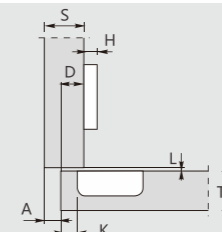


	Item No.	Pcs/ctn
Soft-close	B80A2164H	200
Sprung	B80A2164	200

Half overlay C=9



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

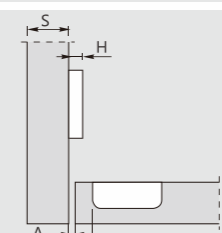


	Item No.	Pcs/ctn
Soft-close	B80B2164H	200
Sprung	B80B2164	200

Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	B80C2164H	200
Sprung	B80C2164	200

PIVOT-PRO

S80 Series Φ 35mm Soft-close Stainless Steel Hinges



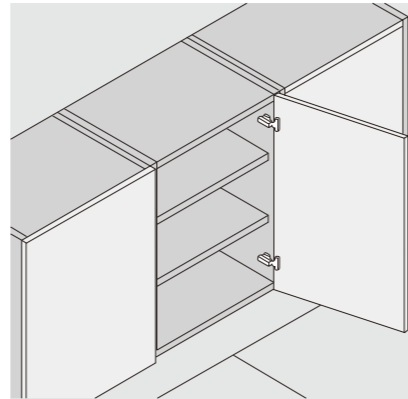
PRODUCT



DESCRIPTION

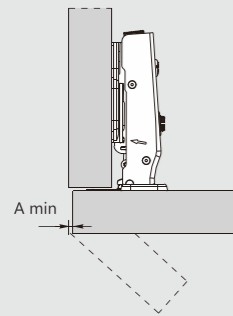
- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



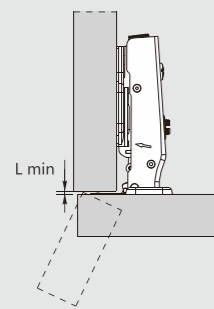
PLANNING

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

Space needed to open the door

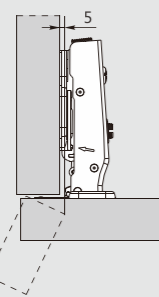


T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L= 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L= 0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L= 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L= 0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

Projection of the door

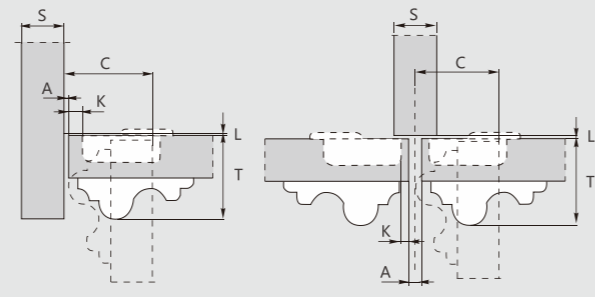
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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.



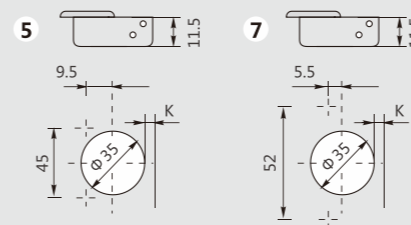
ORDER INFORMATION



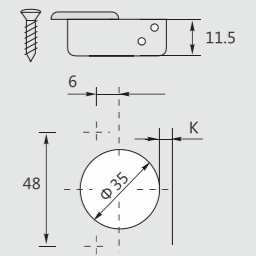
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



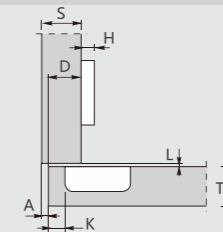
SUS304

S80 series snap-on soft-close stainless steel hinge 110° (two way)

Full overlay C=0



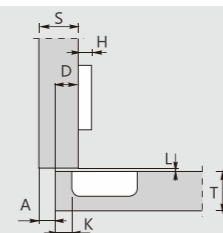
$$H=12+K-(D)$$



Half overlay C=9



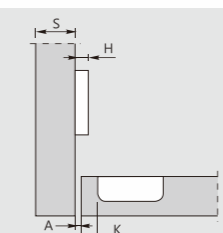
$$H=3+K-(D)$$



Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	S80A476F-304	200
Sprung	S80A476-304	200

	Item No.	Pcs/ctn
Soft-close	S80B476F-304	200
Sprung	S80B476-304	200

	Item No.	Pcs/ctn
Soft-close	S80C476F-304	200
Sprung	S80C476-304	200

Nexus Enterprises

PIVOT-PRO

S80 Series Φ 35mm Soft-close Stainless Steel Hinges for Thin Door



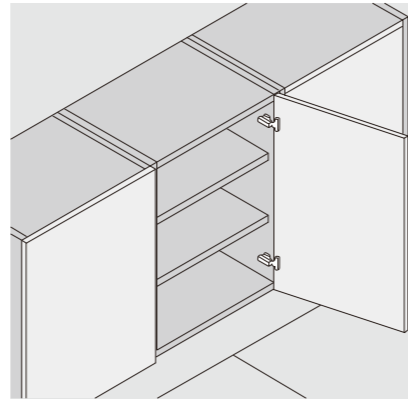
PRODUCT



DESCRIPTION

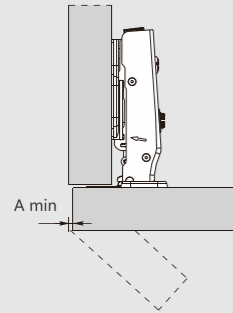
- Opening angle: 110°
- Depth of hinge cup: 9.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 12-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



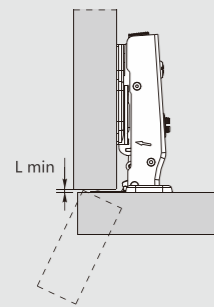
PLANNING

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

Space needed to open the door

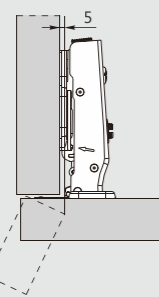


T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L= 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L= 0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L= 0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L= 0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

Projection of the door

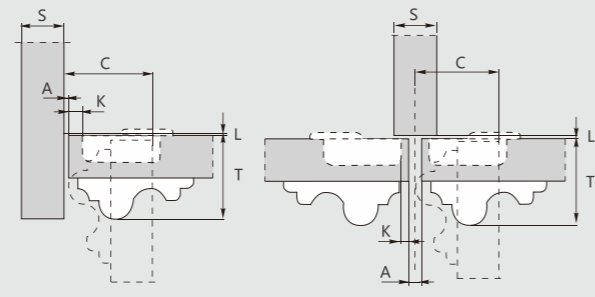
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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.



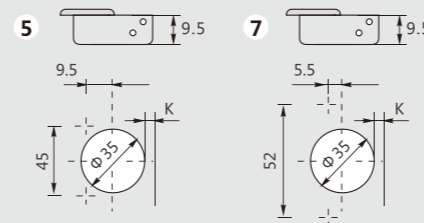
ORDER INFORMATION



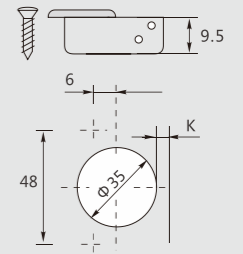
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



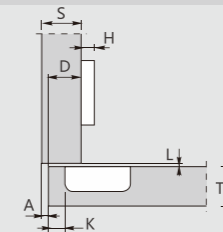
SUS304

S80 series snap-on soft-close stainless steel hinge for thin door 110° (two way)

Full overlay C=0



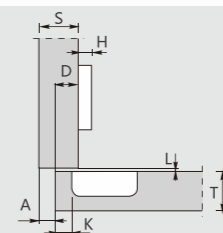
$$H=12+K-(D)$$



Half overlay C=9



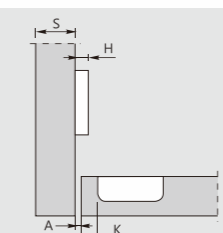
$$H=3+K-(D)$$



Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	S80A476F-304K	200
Sprung	S80A476-304K	200

	Item No.	Pcs/ctn
Soft-close	S80B476F-304K	200
Sprung	S80B476-304K	200

	Item No.	Pcs/ctn
Soft-close	S80C476F-304K	200
Sprung	S80C476-304K	200

Nexus Enterprises

PIVOT-PRO

S80 Series Φ 35mm Soft-close Stainless Steel Hinges with Integrated Plate



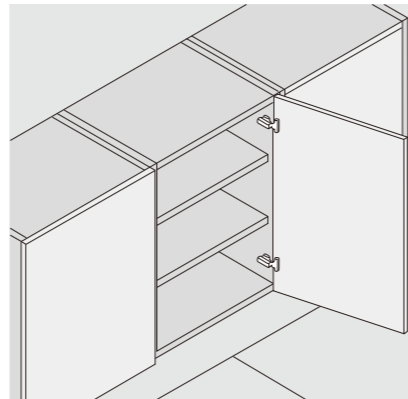
PRODUCT



DESCRIPTION

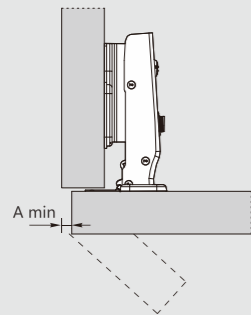
- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



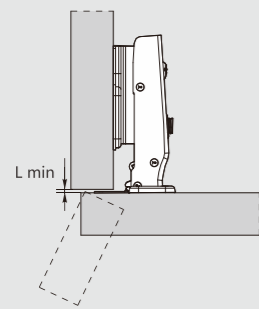
PLANNING

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

Space needed to open the door

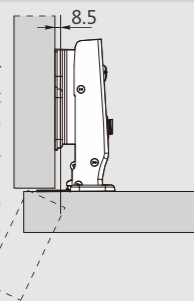


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

- 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

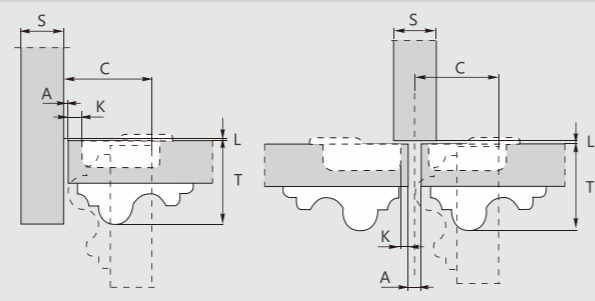
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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.



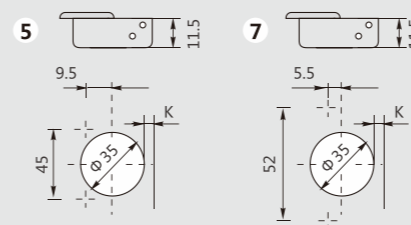
ORDER INFORMATION



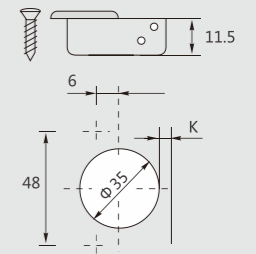
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



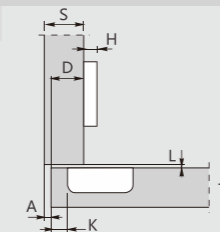
SUS304

S80 series soft-close stainless steel hinge with integrated plate 110° (two way)

Full overlay C=0



$$H = 13 + K - (D)$$

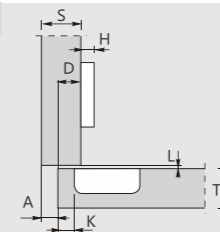


	Item No.	Pcs/ctn
Soft-close	S80A2764F-304	200
Sprung	S80A2764-304	200

Half overlay C=9



$$H = 4 + K - (D)$$

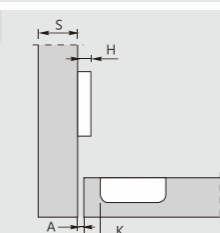


	Item No.	Pcs/ctn
Soft-close	S80B2764F-304	200
Sprung	S80B2764-304	200

Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	S80C2764F-304	200
Sprung	S80C2764-304	200

Nexus Enterprises

PIVOT-PRO

S80 Series Φ 35mm Soft-close Stainless Steel Hinges with Integrated Plate for Thin Door



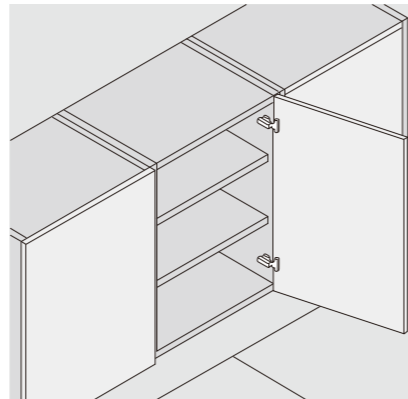
PRODUCT



DESCRIPTION

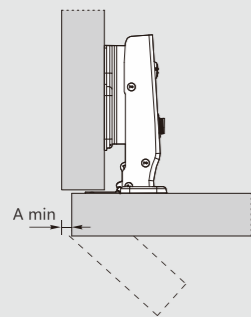
- Opening angle: 110°
- Depth of hinge cup: 9.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 12-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



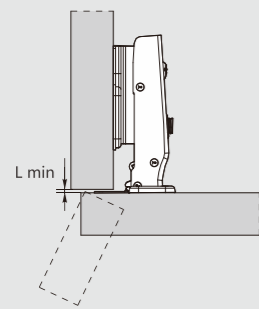
PLANNING

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

Space needed to open the door

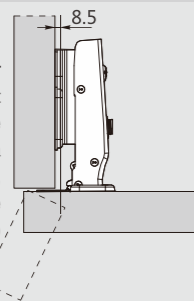


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

- 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

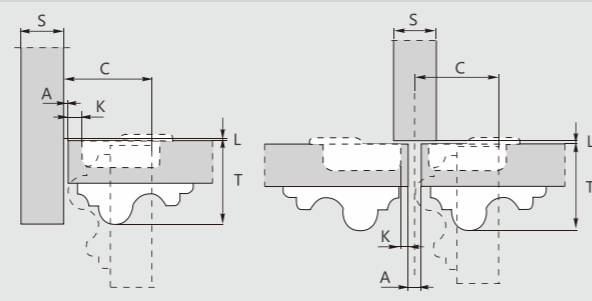
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



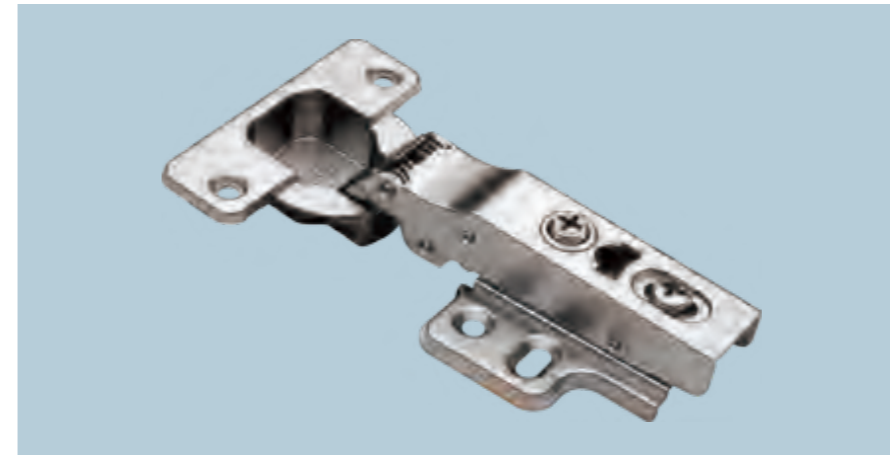
"C" value

$$C = 20 + K + A$$

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.



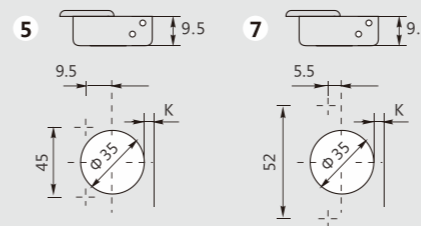
ORDER INFORMATION



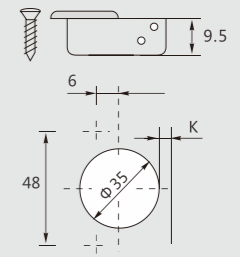
Φ 35mm Options of screws and dowels:

M10 dowel Dowel No: M	Expandable dowel Dowel No: K
M8 dowel Dowel No: N	Expandable dowel Dowel No: K0
Euro screw Dowel No: B	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.



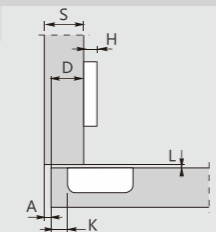
SUS304

S80 series soft-close stainless steel hinge with integrated plate for thin door 110° (two way)

Full overlay C=0



$$H = 13 + K - (D)$$

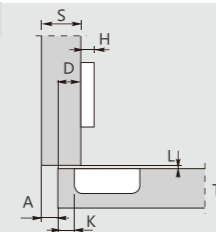


	Item No.	Pcs/ctn
Soft-close	S80A2764F-304K	200
Sprung	S80A2764-304K	200

Half overlay C=9



$$H = 4 + K - (D)$$

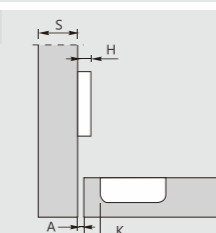


	Item No.	Pcs/ctn
Soft-close	S80B2764F-304K	200
Sprung	S80B2764-304K	200

Inset C=18



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



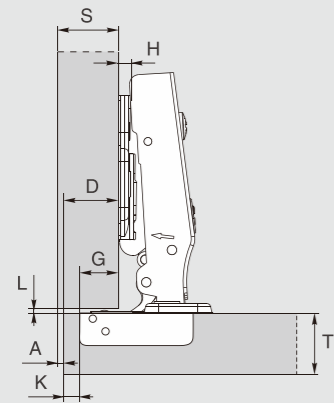
	Item No.	Pcs/ctn
Soft-close	S80C2764F-304K	200
Sprung	S80C2764-304K	200

Nexus Enterprises



PLANNING

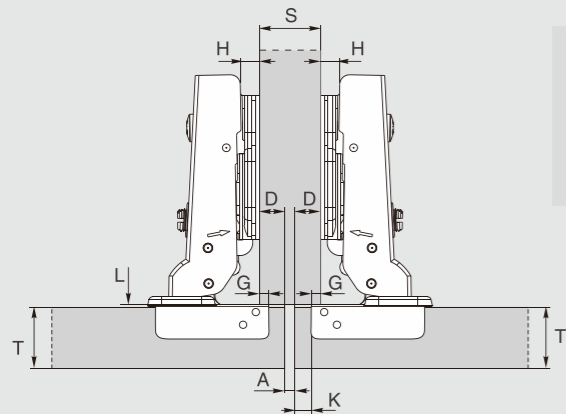
Application with full overlay door



- | | |
|-----------------------------------|----------------------------------|
| S = Thickness of the cabinet side | A = Reveal |
| D = Required door overlay | L = Gap between door and carcass |
| T = Door thickness | H = Height of the 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 problem and avoid the need to stock too many different components.

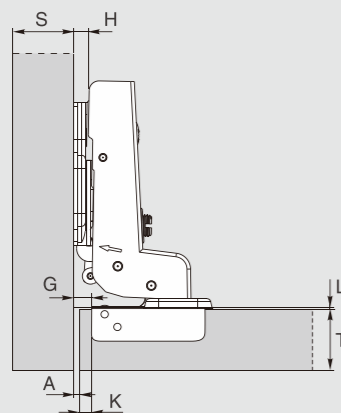
Application with half overlay door



- | | |
|-----------------------------------|----------------------------------|
| S = Thickness of the cabinet side | A = Reveal |
| D = Required door overlay | L = Gap between door and carcass |
| T = Door thickness | H = Height of the 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 problem and avoid the need to stock too many different components.

Application with inset door

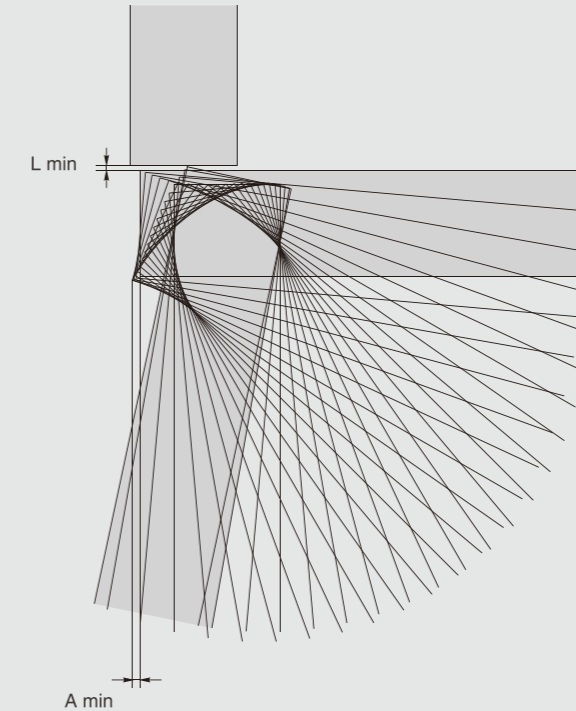


- | | |
|-----------------------------------|---|
| S = Thickness of the cabinet side | L = Gap between internal face of door and internal cabinet elements (e.g. shelves, drawers, etc.) |
| T = Door thickness | H = Height of the mounting plate |
| K = Drilling distance | G = Hinge constant |
| A = Reveal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

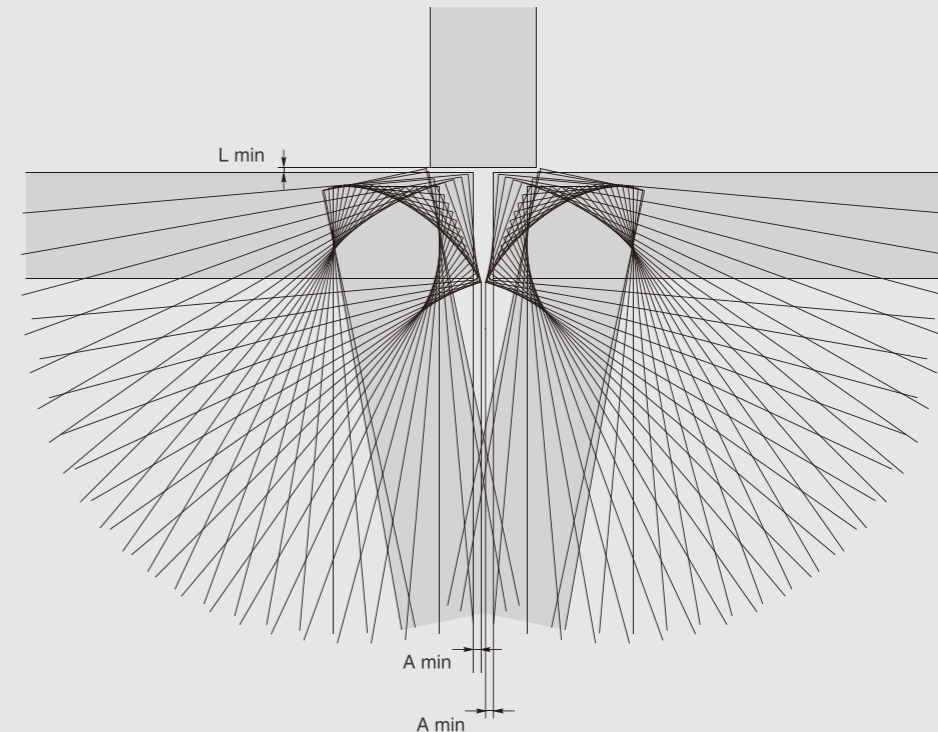
Whatever door overlay is required, you can select from our range the combination of both the type of hinge arm and the thickness of mounting plate necessary to solve your construction problem and avoid the need to stock too many different components.

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



Nexus Enterprises