

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



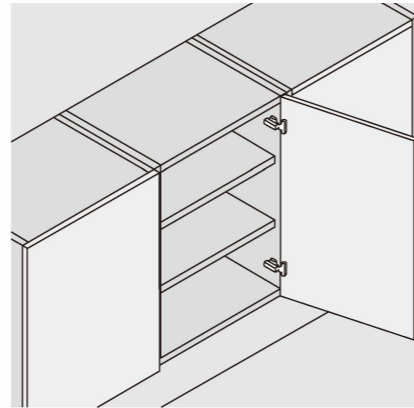
PRODUCT



DESCRIPTION

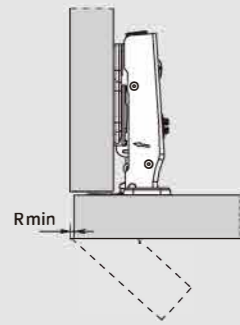
- Opening angle: 100°
- Depth of hinge cup: 10mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 14-24mm
- Possible drilling distances on the door(K): 3-7 mm

APPLICATION



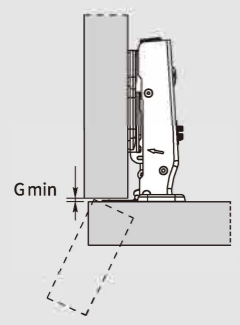
PLANNING

Space needed to open the door



	T=	14	15	16	17	18	19	20	21	22	23	24
B=3	R=	0.2	0.4	0.6	0.8	1.1	1.5	2.0	2.7	3.5	4.3	5.1
B=4	R=	0.2	0.4	0.6	0.8	1.1	1.4	1.9	2.4	3.1	3.9	4.7
B=5	R=	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.3	2.9	3.5	4.3
B=6	R=	0.2	0.3	0.5	0.7	1.0	1.3	1.7	2.1	2.6	3.3	4.0
B=7	R=	0.2	0.3	0.5	0.7	0.9	1.2	1.6	2.0	2.5	3.0	3.7

Space needed to open the door

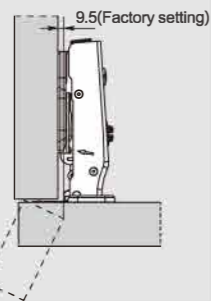


	T=	14	15	16	17	18	19	20	21	22	23	24
B=3	G=	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8	1.0	1.2	1.4
B=4	G=	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3
B=5	G=	1.6	1.8	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3
B=6	G=	2.6	2.8	2.9	3.1	3.3	3.4	3.6	3.8	4.0	4.1	4.3
B=7	G=	3.6	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3

- 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

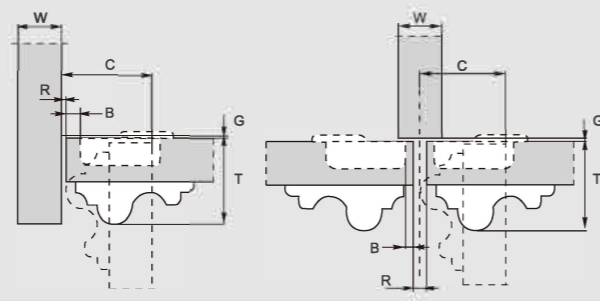
Projection of the door from the cabinet side at the max opening. The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (B) =3mm.



"C" value

$$C=19+B+A$$

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-B-T values.



Full Overlay(0mm crank)



Half Overlay(9mm crank)



Inset(18mm crank)



Soft-Close

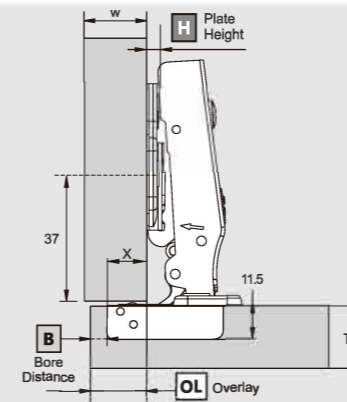
Model	Mounting	Model	Mounting	Model	Mounting
C85A6A5H(*)	Screw-on	C85B6A5H(*)	Screw-on	C85C6A5H(*)	Screw-on
C85A6A5NH(*)	φ8Press Dowel	C85B6A5NH(*)	φ8Press Dowel	C85C6A5NH(*)	φ8Press Dowel
C85A6A5T8H(*)	φ8Expand Dowel	C85B6A5T8H(*)	φ8Expand Dowel	C85C6A5T8H(*)	φ8Expand Dowel

Self-Close

Model	Mounting	Model	Mounting	Model	Mounting
C85A6A5(*)	Screw-on	C85B6A5(*)	Screw-on	C85C6A5(*)	Screw-on
C85A6A5N(*)	φ8Press Dowel	C85B6A5N(*)	φ8Press Dowel	C85C6A5N(*)	φ8Press Dowel
C85A6A5T8(*)	φ8Expand Dowel	C85B6A5T8(*)	φ8Expand Dowel	C85C6A5T8(*)	φ8Expand Dowel

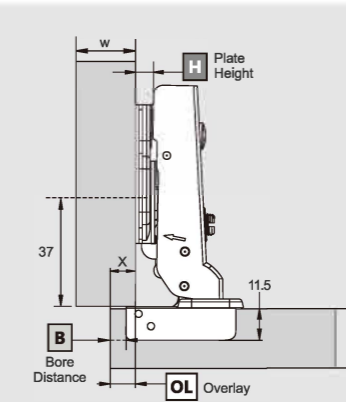
Finish Options(*) A01=Nickel,A08=Titanium Black

Packaging = 200 per carton



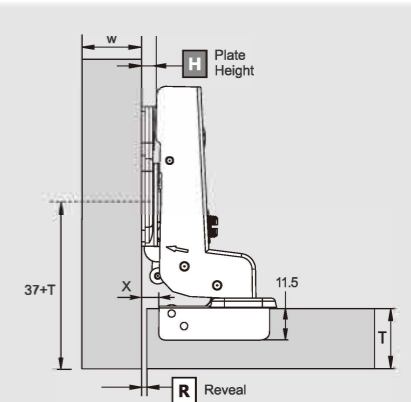
H	3	4	5	6	B
0	15	16	17	18	OL
2	13	14	15	16	
4	11	12	13	14	
9	6	7	8	9	

Fixed distance X with 0mm plate=12



H	3	4	5	6	B
0	6	7	8	9	OL
2	4	5	6	7	
4	2	3	4	5	

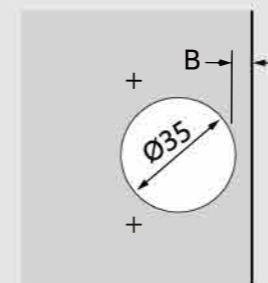
Fixed distance X with 0mm plate=3



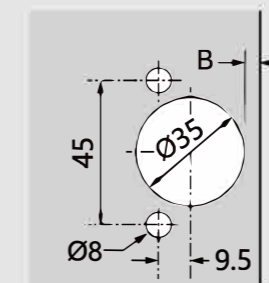
H	3	4	5	6	B
0	2	1	-	-	R
4	4	3	2	1	

Fixed distance X with 2mm plate=5

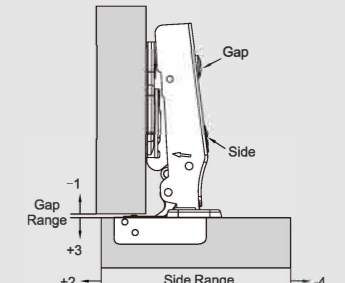
Screw-on



INSERTA | knock-in



Door Adjustments



PIVOT-PRO

C80 Series 155° Snap-on Cam-adjustable Soft-close Hinges



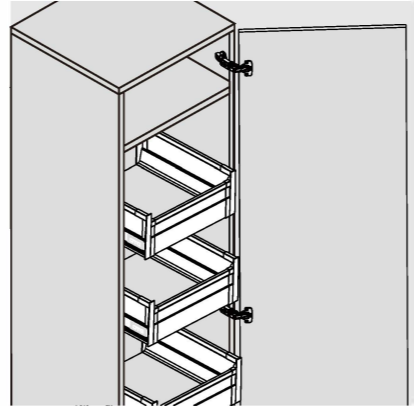
PRODUCT



DESCRIPTION

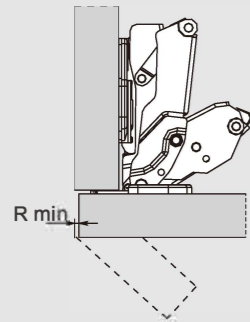
- Opening angle: 155°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-24mm
- Possible drilling distances on the door(B): 3-6 mm

APPLICATION



PLANNING

Space needed to open the door

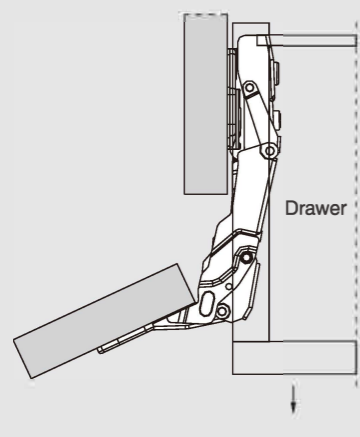
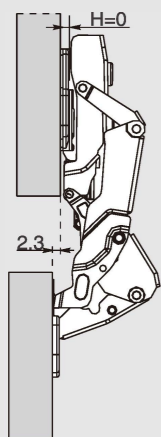


T=	16	17	18	19	20	21	22	23	24		
B=3	R= 0	0	0	0	0	0	0	0	0		
B=4	R= 0	0	0	0	0	0	0	0	0		
B=5	R= 0	0	0	0	0	0	0	0	0		
B=6	R= 0	0	0	0	0	0	0	0	0		

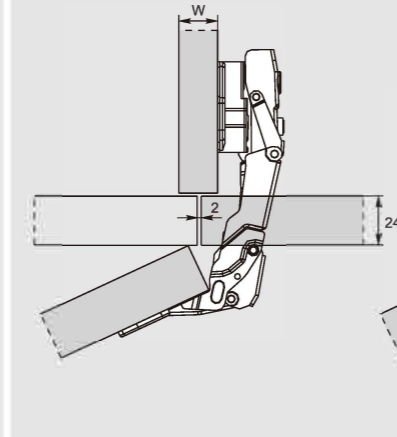
Application

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.

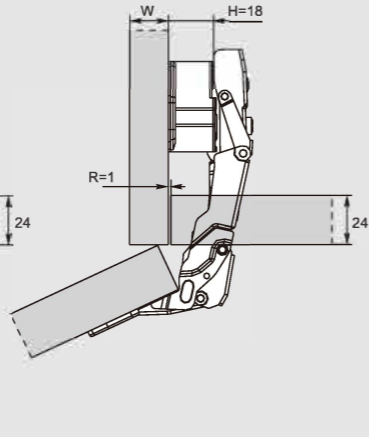
No gap is required when door thickness is less than 24mm. A trial assembly is recommended when door thickness is more than 24mm.



Full overlay C=0



Half overlay C=9



Inset C=18

Full Overlay(0mm crank)



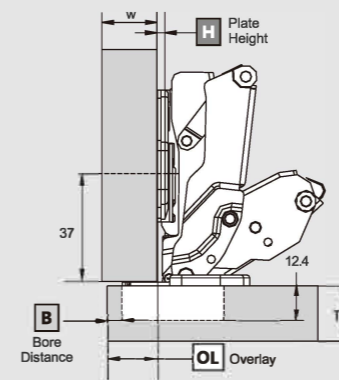
Soft-Close

- C80A605F(*) Screw-on
- C80A605NF(*)** φ8 Press Dowel
- C80A605T8F(*) φ8 Expand Dowel

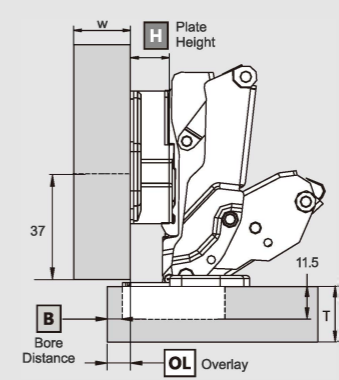
Self-Close

- C80A605(*)** Screw-on
- C80A605N(*) φ8 Press Dowel
- C80A605T8(*) φ8 Expand Dowel

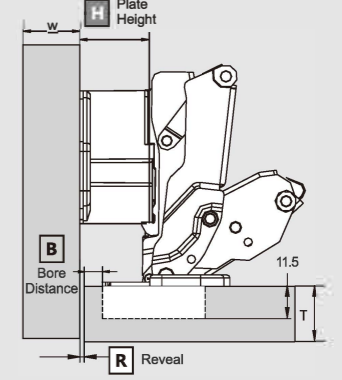
Finish Options(*) A01=Nickel,A08=Titanium Black
Packaging = 100 per carton



H	3	4	5	6	B
0	15	16	17	18	OL
2	13	14	15	16	
4	11	12	13	14	

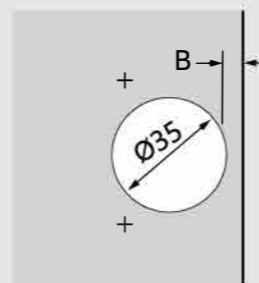


H	3	4	5	6	B
9	6	7	8	9	OL

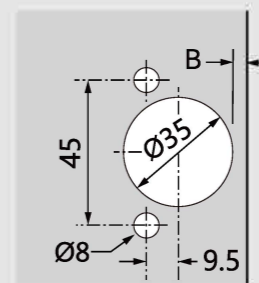


H	3	4	5	6	B
18	3	2	1	0	R

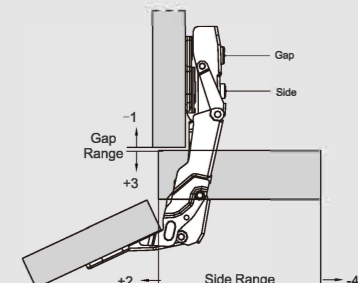
Screw-on



INSERTA | knock-in



Door Adjustments





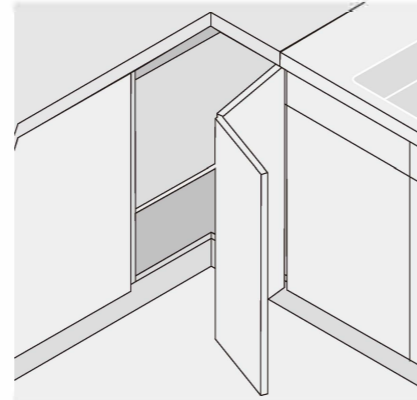
PRODUCT



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(B): 3-7 mm

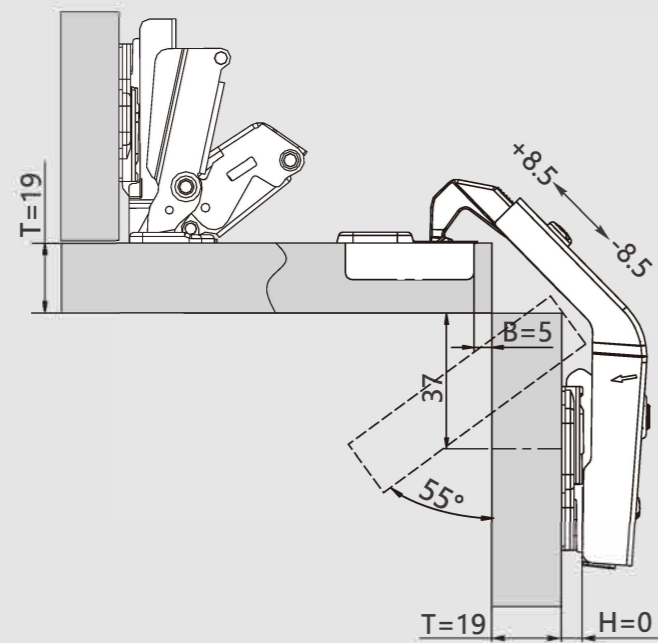
APPLICATION



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

Blind corner Door Application

135°



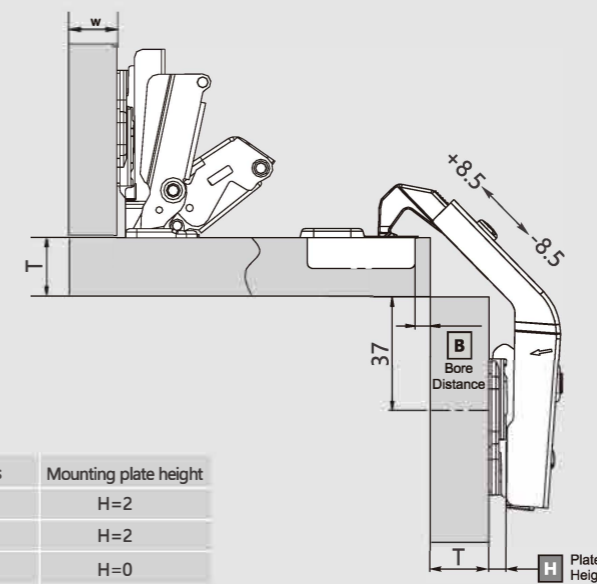
Full Overlay(0mm crank)



Self-Close

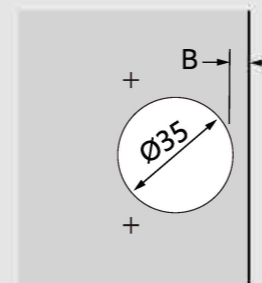
C80H675(*)	Screw-on
C80H675N(*)	φ8 Press Dowel
C80H675T8(*)	φ8 Expand Dowel

Finish Options(*) A01=Nickel,A08= Titanium Black
Packaging = 200 per carton

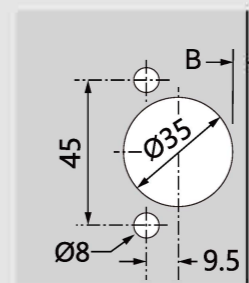


Door thickness	Mounting plate height
14 ≤ T < 19	H=2
T=19	H=2
19 < T ≤ 26	H=0

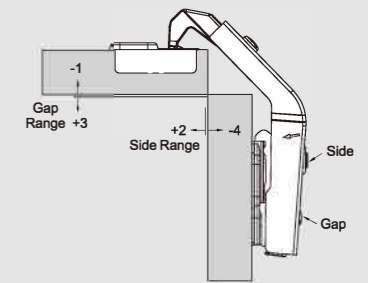
Screw-on



INSERTA | knock-in



Door Adjustments



PIVOT-PRO

C80 Series Snap-on Cam-adjustable Soft-close 30°/45° Angled Hinges



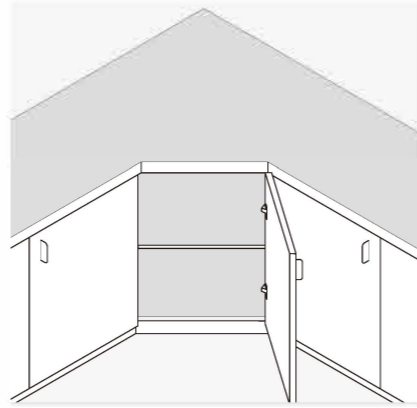
PRODUCT



DESCRIPTION

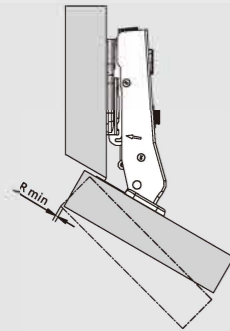
- Opening angle: 110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(B): 3-6 mm

APPLICATION



PLANNING

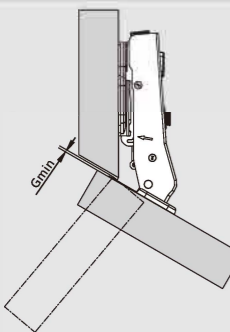
Space needed to open the door



T=	14	15	16	17	18	19	20	21	22	23	24
B=3 R=	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.1	3.8
B=3 R=	0.3	0.5	0.7	0.9	1.1	1.4	1.7	2.1	2.5	3.0	3.5
B=3 R=	0.3	0.5	0.7	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4
B=3 R=	0.3	0.5	0.6	0.8	1.1	1.3	1.6	2.0	2.3	2.8	3.2
B=3 R=	0.3	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.3	2.7	3.1
B=3 R=	0.3	0.4	0.6	0.8	1.0	1.3	1.5	1.9	2.2	2.6	3.0

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

Space needed to open the door

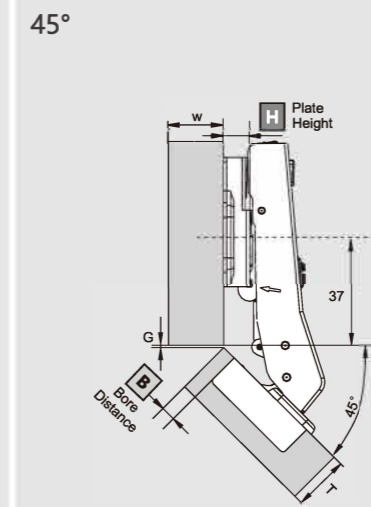
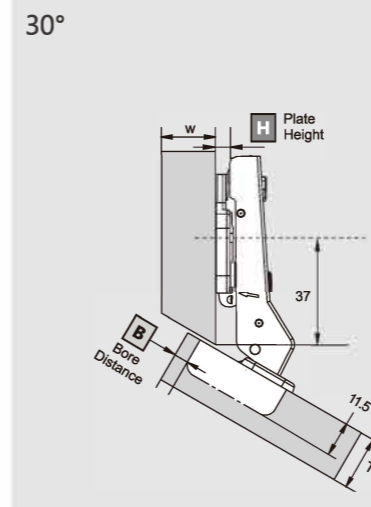


T=	14	15	16	17	18	19	20	21	22	23	24
B=3 G=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B=3 G=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
B=3 G=	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.0	1.1
B=3 G=	0.4	0.6	0.7	0.9	1.1	1.2	1.4	1.6	1.8	1.9	2.1
B=3 G=	1.4	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	2.9	3.1
B=3 G=	2.4	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.7	3.9	4.1

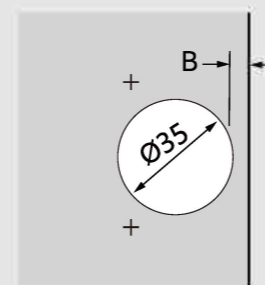
- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiused edges.

Full Overlay(0mm crank)	Full Overlay(0mm crank)
30°	45°
Soft-Close	Soft-Close
C80W675F(*) Screw-on	C80E675F(*) Screw-on
C80W675NF(*) φ8Press Dowel	C80E675NF(*) φ8Press Dowel
C80W675T8F(*) φ8Expand Dowel	C80E675T8F(*) φ8Expand Dowel
Self-Close	Self-Close
C80W675(*) Screw-on	C80E675(*) Screw-on
C80W675N(*) φ8Press Dowel	C80E675N(*) φ8Press Dowel
C80W675T8(*) φ8Expand Dowel	C80E675T8(*) φ8Expand Dowel

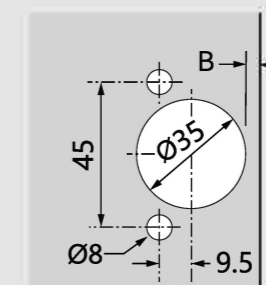
Finish Options(*) A01=Nickel,A08=Titanium Black
Packaging = 200 per carton



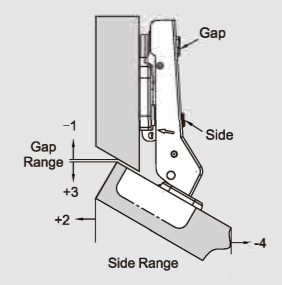
Screw-on



INSERTA | knock-in



Door Adjustments



PIVOT-PRO

C80 Series Snap-on Cam-adjustable Soft-close 90° Angled Hinges



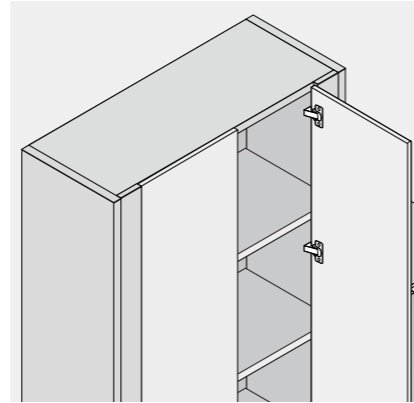
PRODUCT



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(B): 3-6 mm

APPLICATION



PLANNING

Space needed to open the door

	T=	14	15	16	17	18	19	20	21	22	23	24
B=3	R=	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.1	3.8
B=3	R=	0.3	0.5	0.7	0.9	1.1	1.4	1.7	2.1	2.5	3.0	3.5
B=3	R=	0.3	0.5	0.7	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4
B=3	R=	0.3	0.5	0.6	0.8	1.1	1.3	1.6	2.0	2.3	2.8	3.2
B=3	R=	0.3	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.3	2.7	3.1
B=3	R=	0.3	0.4	0.6	0.8	1.0	1.3	1.5	1.9	2.2	2.6	3.0

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

Space needed to open the door

	T=	14	15	16	17	18	19	20	21	22	23	24
B=3	G=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B=3	G=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
B=3	G=	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.0	1.1
B=3	G=	0.4	0.6	0.7	0.9	1.1	1.2	1.4	1.6	1.8	1.9	2.1
B=3	G=	1.4	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	2.9	3.1
B=3	G=	2.4	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.7	3.9	4.1

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

Full Overlay(0mm crank)



Soft-Close

C80J675F(*)	Screw-on
C80J675NF(*)	φ8Press Dowel
C80J675T8F(*)	φ8Expand Dowel

Full Overlay(0mm crank)



Soft-Close

C80G675F(*)	Screw-on
C80G675NF(*)	φ8Press Dowel
C80G675T8F(*)	φ8Expand Dowel

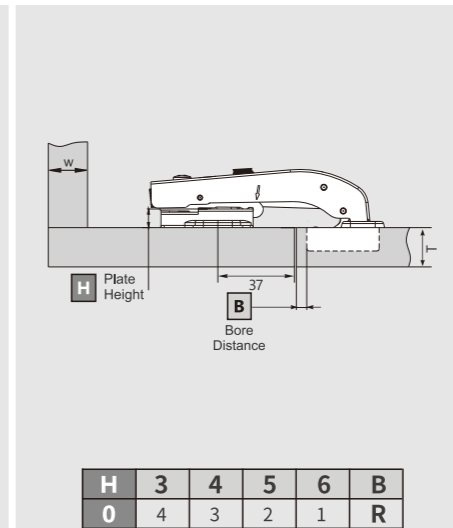
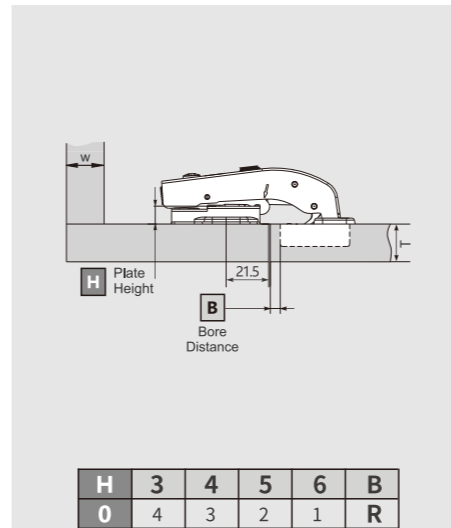
Self-Close

C80J675(*)	Screw-on
C80J675N(*)	φ8Press Dowel
C80J675T8(*)	φ8Expand Dowel

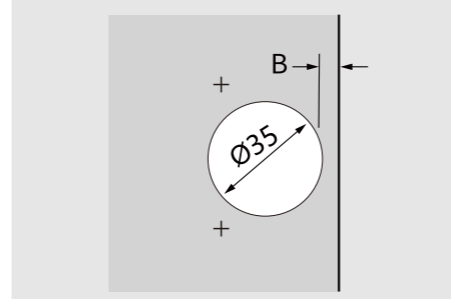
Self-Close

C80G675(*)	Screw-on
C80G675N(*)	φ8Press Dowel
C80G675T8(*)	φ8Expand Dowel

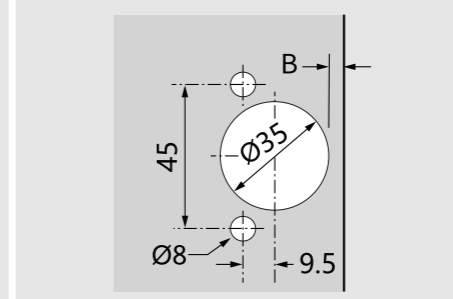
Finish Options(*) A01=Nickel,A08=Titanium Black
Packaging = 200 per carton



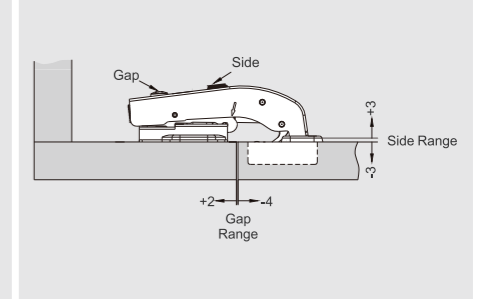
Screw-on



INSERTA | knock-in



Door Adjustments



ORDER INFORMATION



Two-hole mounting plate

		Pcs/ctn 200	Color Nickel plated(A01)	Height of mounting plate	Item No.	Item No.	Item No.
				H=0	96H00AQ	96H01AQ	96H02AQ
				H=2	96H20AQ	96H21AQ	96H22AQ
				H=4	96H40AQ	96H41AQ	96H42AQ

Up&down cam adjustable mounting plate

		Pcs/ctn 200	Color Nickel plated(A01)	Height of mounting plate	Item No.	Item No.	Item No.
				H=0	96T00TQ	96T01TQ	96T02TQ
				H=2	96T20TQ	96T21TQ	96T22TQ
				H=4	96T40TQ	96T41TQ	96T42TQ

Mounting plate(snap-on type for frame application)

		Pcs/ctn 200	Color Nickel plated(A01) Titanium black(A08)	Height of mounting plate	Item No.		
				H=1	88H10JQ		
				H=3	88H30JQ		
				H=6	88H60JQ		
		Pcs/ctn 200	Color Nickel plated(A01) Titanium black(A08)	Height of mounting plate	Item No.		
				H=1	89H10JQ		
				H=3	89H30JQ		
				H=6	89H60JQ		

In-line mounting plate

		Pcs/ctn 200	Color Nickel plated(A01) Titanium black(A08)	Height of mounting plate	Item No.		
				H=2	80T20YQ		
				H=4	80T40YQ		

ORDER INFORMATION



Item No.	Item No.	Item No.	Item No.	Item No.	Item No.	Item No.
89H0QAQ	89H04AQ	89H0NAQ	89H0GAQ	89H0LAQ	89H0MAQ	89H0PAQ
89H2QAQ	89H24AQ	89H2NAQ	89H2GAQ	89H2LAQ	89H2MAQ	89H2PAQ
89H4QAQ	89H44AQ	89H4NAQ	89H4GAQ	89H4LAQ	89H4MAQ	89H4PAQ

Item No.	Item No.	Item No.	Item No.	Item No.	Item No.	Item No.
96T0QTQ	96T04TQ	96T0NTQ	96T0GTQ	96T0LTQ	96T0MTQ	96T0PTQ
96T2QTQ	96T24TQ	96T2NTQ	96T2GTQ	96T2LTQ	96T2MTQ	96T2PTQ
96T4QTQ	96T44TQ	96T4NTQ	96T4GTQ	96T4LTQ	96T4MTQ	96T4PTQ

