DTC
Global Quality Benchmark

HINGE
SERIES

PIVOT-STAR

Perfect motion for every single space

Speed Adjustable Soft-close Hinge



- Door closing speed adjustable, one hinge for various doors
- New snap-on design between hinge and plate – faster and better connection
- Cross mounting plate and in-line plate are available as options

PIVOT-STAR

C81 Series Φ35mm Speed-adjustable Soft-close Hinges

DTC
Global Quality Benchmark

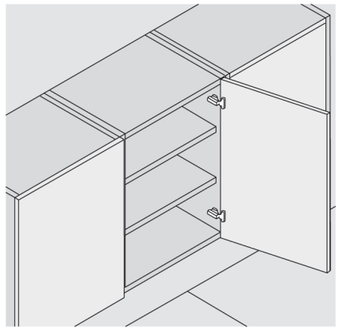
HINGE SERIES

PRODUCT

DESCRIPTION

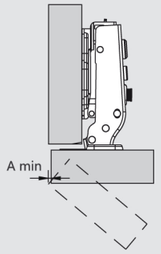
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

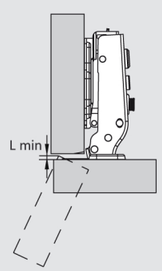
Space needed to open the door



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

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

Space needed to open the door

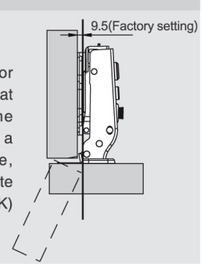


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

Projection of the door

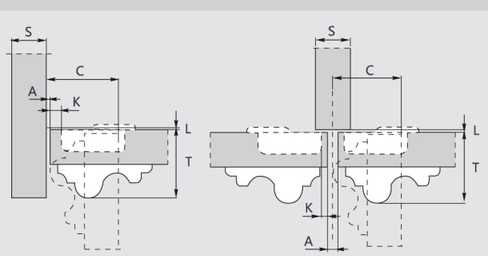
Projection of the door from the cabinet side at the max opening.The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



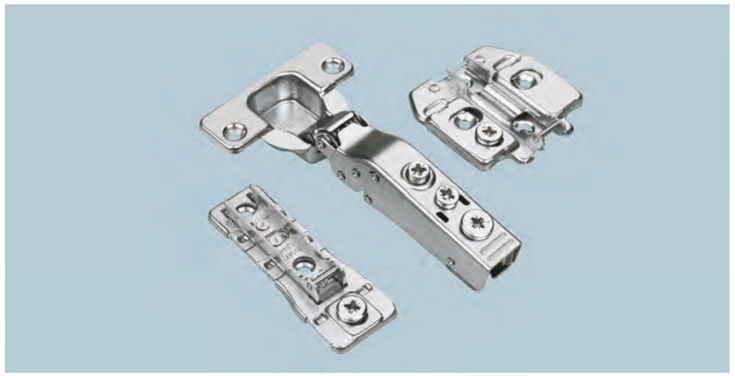
"C" value

C=20+K+ **A**

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



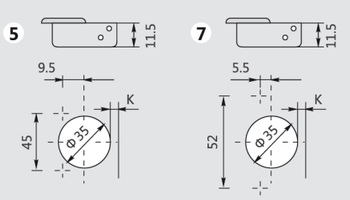
ORDER INFORMATION



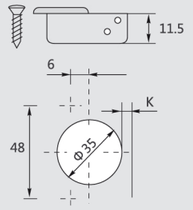
Options of screws and dowels:

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

Φ35mm 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.

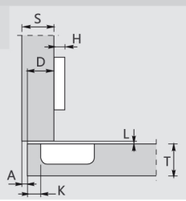


Nickel plated(A01) | Specially treated(A11)

C81 series speed-adjustable soft-close hinge 110°

Full overlay C=0

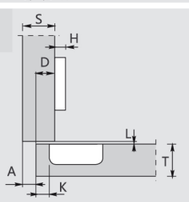
H=12+K-(D) (Factory setting)



	Item No.	Pcs/ctn
Soft-close	**C81A676F**	200

Half overlay C=9

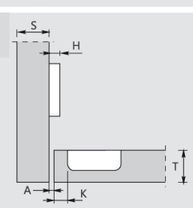
H=3+K-(D) (Factory setting)



	Item No.	Pcs/ctn
Soft-close	**C81B676F**	200

Inset C=18

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



	Item No.	Pcs/ctn
Soft-close	**C81C676F**	200

PIVOT-STAR

C81 Series Φ35mm Speed-adjustable Soft-close Hinges For Thick Door

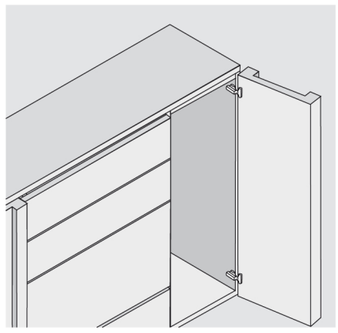
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

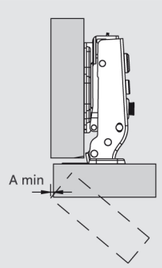
- Opening angle:95°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 19-35mm
- Possible drilling distances on the door(K): 3-9 mm

APPLICATION



PLANNING

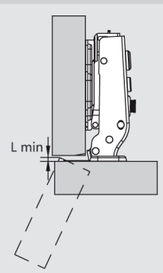
Space needed to open the door



	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

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

Space needed to open the door

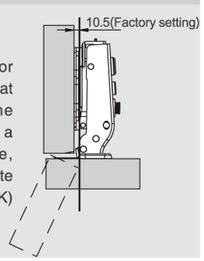


	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 35
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=5	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.5 - 0.7
K=6	L=	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.2	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

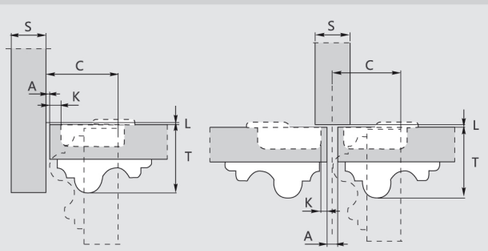
Projection of the door from the cabinet side at the max opening.The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



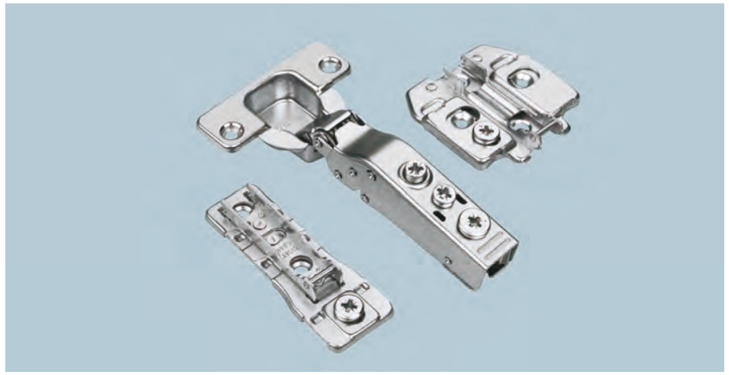
"C" value

C=22+K+ **A**

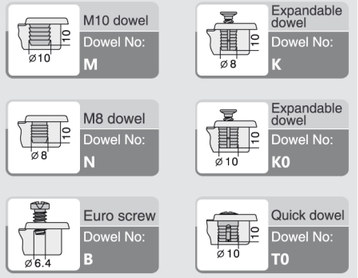
With this formula you can obtain the max thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.



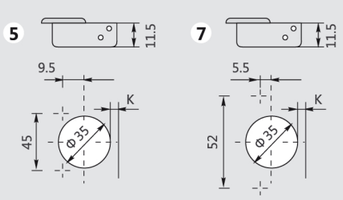
ORDER INFORMATION



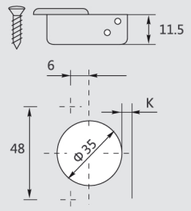
Options of screws and dowels:



Φ35mm 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.

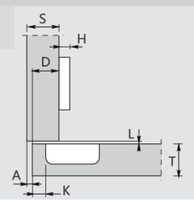


Nickel plated(A01) | Specially treated(A11)

C81 series speed-adjustable soft-close hinge for thick door 95°

Full overlay C=0

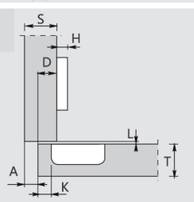
H=12+K-(D) (Factory setting)



	Item No.	Pcs/ctn
Soft-close	**C81A616F**	200

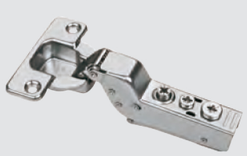
Half overlay C=9

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

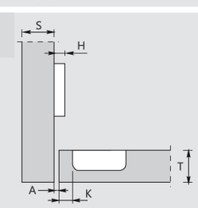


	Item No.	Pcs/ctn
Soft-close	**C81B616F**	200

Inset C=18



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



	Item No.	Pcs/ctn
Soft-close	**C81C616F**	200

PIVOT-STAR

C81 Series Φ35mm Speed-adjustable Soft-close Hinges for Thin Door

105°

DTC
Global Quality Benchmark

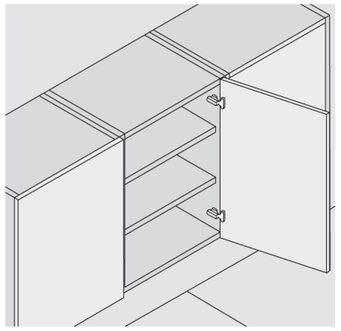
HINGE SERIES

PRODUCT

DESCRIPTION

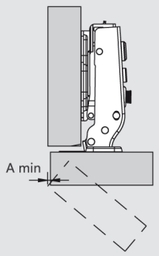
- Opening angle:105°
- Depth of hinge cup: 7.8mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 10-20mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

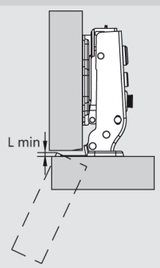
Space needed to open the door



	T=	10	11	12	13	14	15	16	17	18	19	20
K=3	A=	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.5	1.8
K=4	A=	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.5	1.8
K=5	A=	0.1	0.1	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.5	1.7
K=6	A=	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	1.4	1.7

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

Space needed to open the door

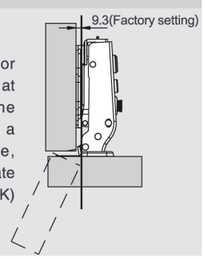


	T=	10	11	12	13	14	15	16	17	18	19	20
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.0
K=5	L=	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.0
K=6	L=	1.1	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8

- 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

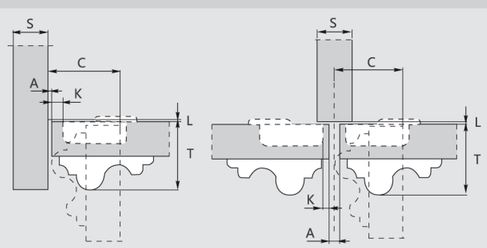
Projection of the door from the cabinet side at the max opening.The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



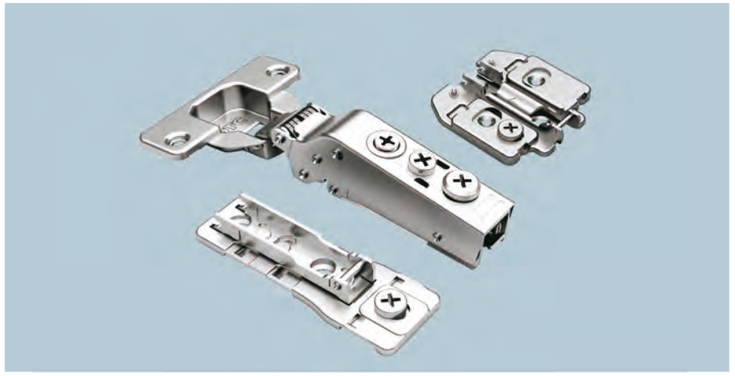
"C" value

C=20+K+ **A**

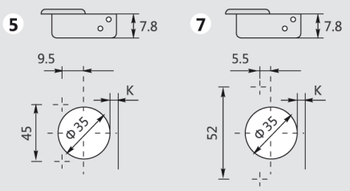
With this formula you can obtain the max thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.



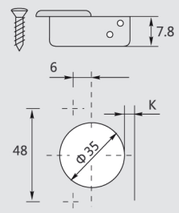
ORDER INFORMATION



Φ35mm 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.

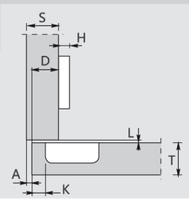


Nickel plated(A01) | Specially treated(A11)

C81 series speed-adjustable soft-close hinge for thin door 105°

Full overlay C=0

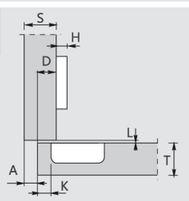
H=12+K-(D) (Factory setting)



	Item No.	Pcs/ctn
Soft-close	C81A676QF	200
Sprung	C81A676Q	200

Half overlay C=9

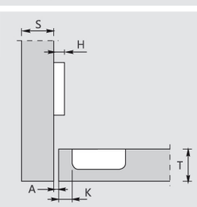
H=3+K-(D) (Factory setting)



	Item No.	Pcs/ctn
Soft-close	C81B676QF	200
Sprung	C81B676Q	200

Inset C=18

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



	Item No.	Pcs/ctn
Soft-close	C81C676QF	200
Sprung	C81C676Q	200

PIVOT-STAR

C81 Series Φ35mm Speed-adjustable Soft-close +90° Angled Hinges

110°

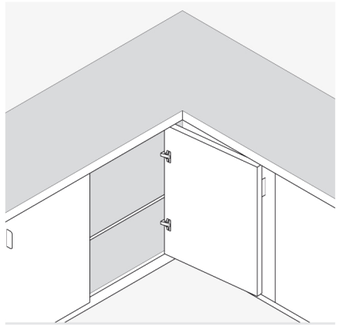
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

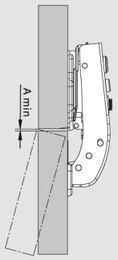
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

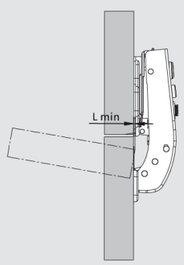
Space needed to open the door



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

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

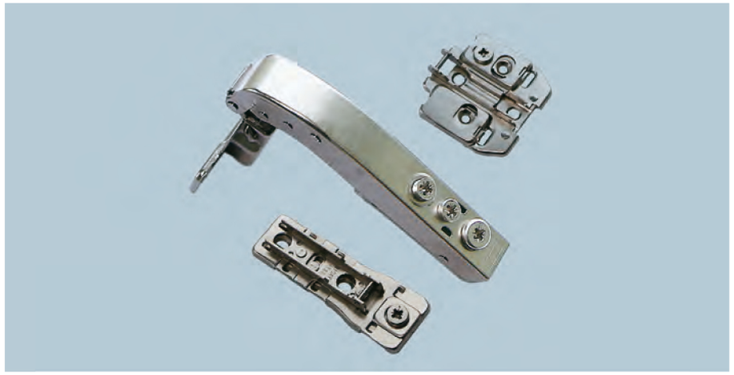
Space needed to open the door



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

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

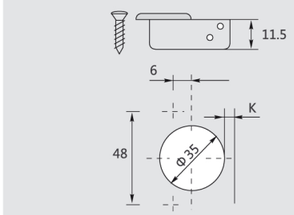
ORDER INFORMATION



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**	

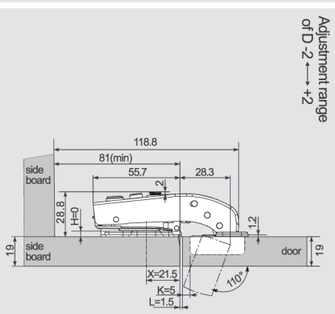
Φ35mm Hinge cup types



Nickel plated(A01) | Specially treated(A11)

C81 series speed-adjustable soft-close angled hinge 110°

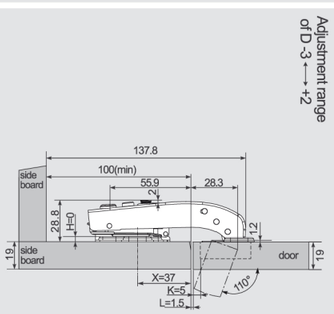
90°



Adjustment range of L -0.5 ⟷ +3

	Item No.	Pcs/ctn
Soft-close	**C81J676F**	200

90°



Adjustment range of L -0.5 ⟷ +3

	Item No.	Pcs/ctn
Soft-close	**C81G676F**	200

PIVOT-STAR

C81 Series Φ35mm +135° Angled Hinges

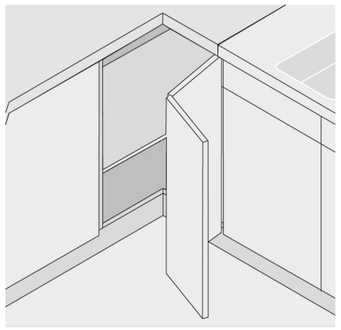
DTC
Global Quality Benchmark

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

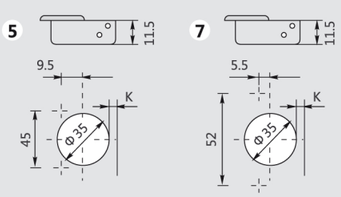
APPLICATION



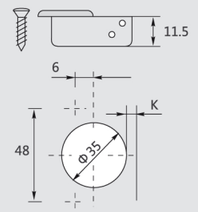
ORDER INFORMATION

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**	



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.

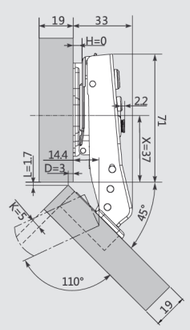


Nickel plated(A01) | Specially treated(A11)

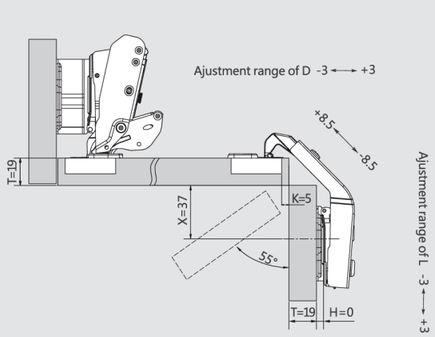
Φ35mm 45°ANGLED HINGE, CORNER DOOR, BI-FOLD DOOR HINGE APPLICATIONS

Kitchen Bi-fold door applications

45°

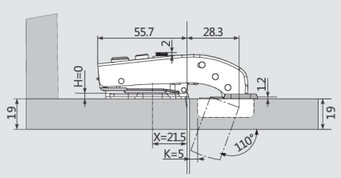


135°

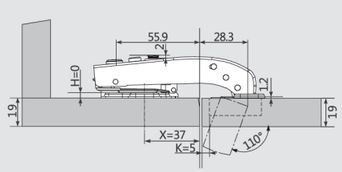


Kitchen corner door applications

90°



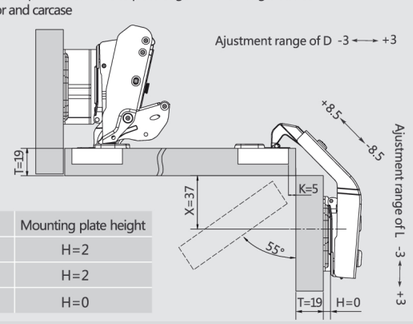
90°



C81 series angled hinge 55°

135°

T=Door thickness D=Required door overlay H=Height of the mounting plate
X=Distance from bottom plate screw hole to plate edge K=Drilling distance
L=Gap between door and carcase



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

	Item No.	Pcs/ctn
Sprung	**C81H676**	200

PIVOT-STAR

C81 Series Φ35mm Speed-adjustable Soft-close +45° Angled Hinges

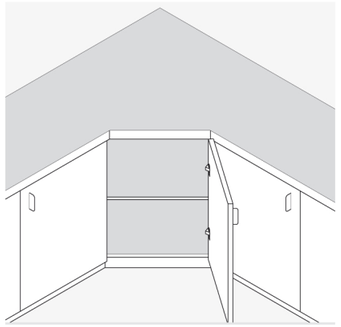
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

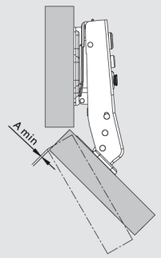
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

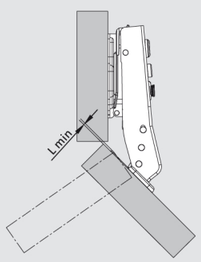
Space needed to open the door



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

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

Space needed to open the door



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

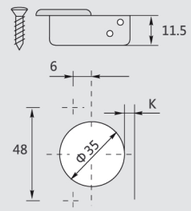
- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiused edges.

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**

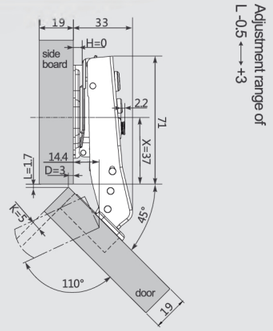
Φ35mm Hinge cup types



Nickel plated(A01) | Specially treated(A11)

C81 series speed-adjustable soft-close angled hinge 110°

Small overlay 45°



	Item No.	Pcs/ctn
Soft-close	**C81E676F**	200

PIVOT-STAR

C81 Series Φ35mm Speed-adjustable Soft-close +30° Angled Hinges

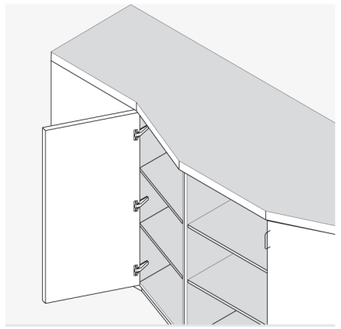
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

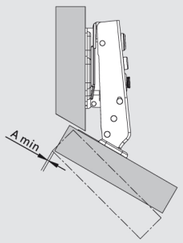
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

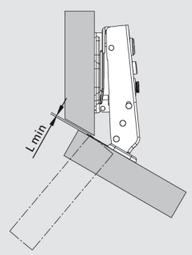
Space needed to open the door



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

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

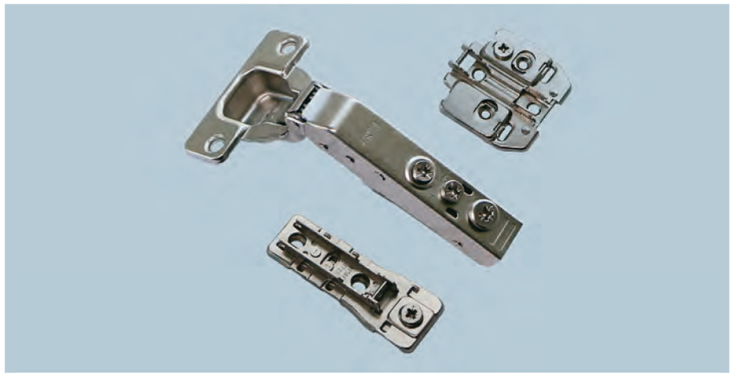
Space needed to open the door



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

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

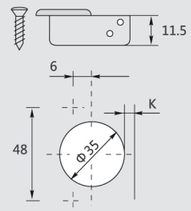
ORDER INFORMATION



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**	

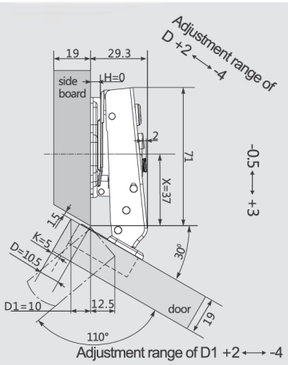
Φ35mm Hinge cup types



Nickel plated(A01) | Specially treated(A11)

C81 series speed-adjustable soft-close angled hinge 110°

Overlay 30°



	Item No.	Pcs/ctn
Soft-close	**C81W676F**	200

PIVOT-STAR

C81 Series Φ35mm Speed-adjustable 160° Soft-close Hinges

160°

DTC
Global Quality Benchmark

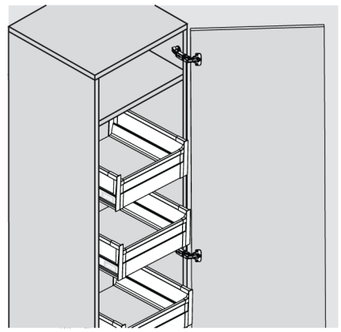
HINGE SERIES

PRODUCT

DESCRIPTION

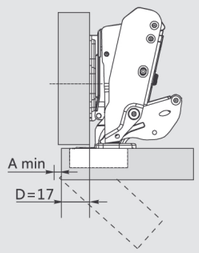
- Opening angle:160°
- Depth of hinge cup: 11.8mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 18-28mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

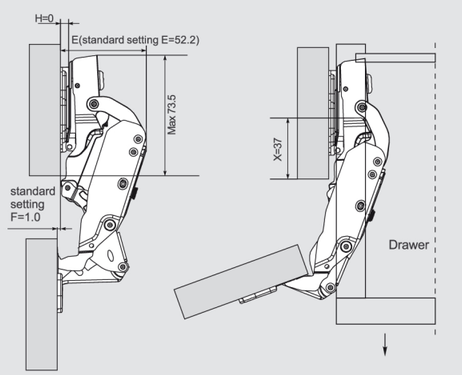
Space needed to open the door



	T=	18	19	20	21	22	23	24	25	26	27	28
K=3	A=	0	0	0	0	0	0	0	0	0	0	0
K=4	A=	0	0	0	0	0	0	0	0	0	0	0
K=5	A=	0	0	0	0	0	0	0	0	0	0	0
K=6	A=	0	0	0	0	0	0	0	0	0	0	0

Application

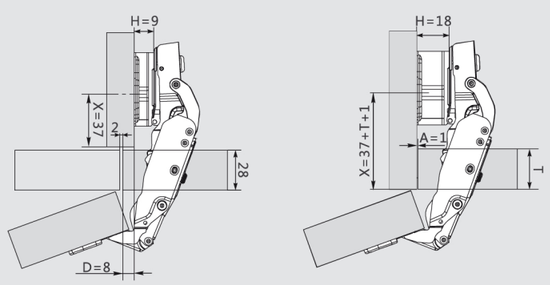
The door combined with a mounting plate H=0, opens at 90°, with a 1.0mm protrusion allowing objects(e.g. drawers) to move from inside of the cabinet.



Door Type	E(max)	F(90°)
Full Overlay	52.2	1.0
Half Overlay	61.2	-8.0
Inset Door	70.2	-17.0

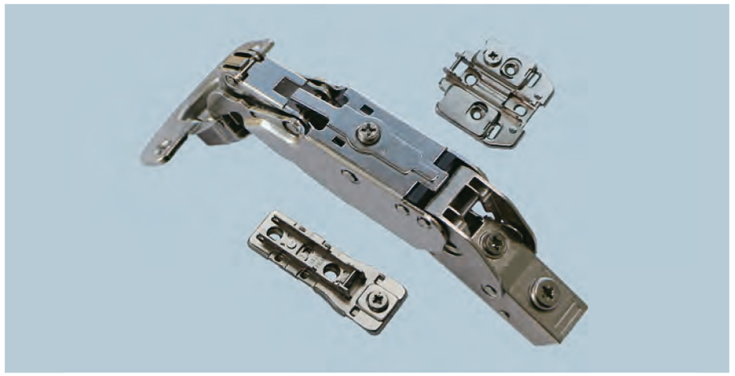
Full overlay C=0

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



Half overlay C=9 Inset C=18

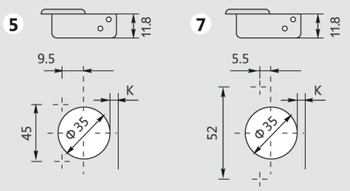
ORDER INFORMATION



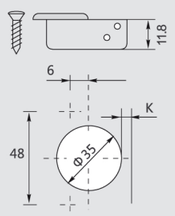
Options of screws and dowels:

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**	

Φ35mm Hinge cup types

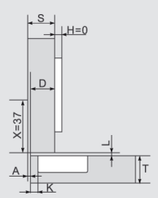
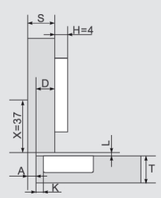
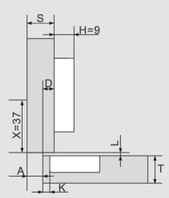
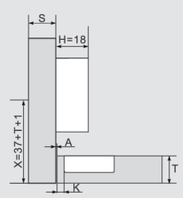


Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" for each door application.



Nickel plated(A01) Specially treated(A11)

C81 series speed-adjustable soft-close hinge 160°

Full overlay C=0	Overlay C=4	Half overlay C=9	Inset C=18
			
H=12+K-(D)	H=12+K-(D)	H=12+K-(D)	H=12+K+(A)
			
K=5,for full overlay D=17±2mm, H=0 mounting plate only	K=5,for overlay D=13±2mm, H=4 mounting plate only	K=5,for half overlay D=8±2mm, H=9 mounting plate only	K=5,for inset door, H=18 mounting plate only

	Item No.	Pcs/ctn
Soft-close	**C81A606F**	100

PIVOT-STAR

Mounting Plates for Soft-close Hinges

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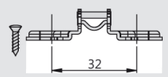
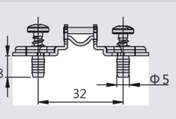
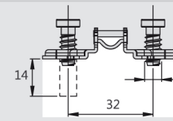
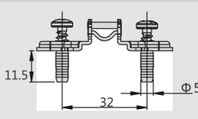
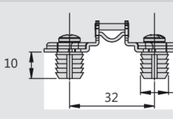
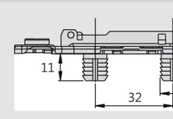
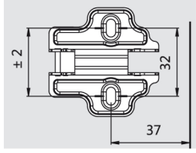
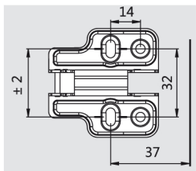
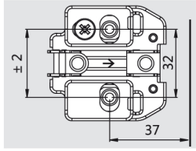
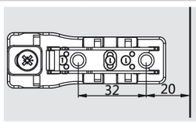
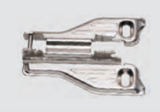
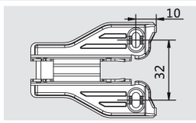
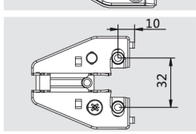
ORDER INFORMATION

		S080 dowel	Euro screw	S114 dowel	003D dowel	003E dowel
							
Two-hole mounting plate						
		Item No.	Item No.	Item No.		
Pcs/ctn 200	Height of mounting plate					
Nickel plated(A01)	H=0	81H00AQ	81H01AQ	81H02AQ	81H04AQ	
Specially treated(A11)	H=2	81H20AQ	81H21AQ	81H22AQ	81H24AQ	
	H=4	81H40AQ	81H41AQ	81H42AQ	81H44AQ	
	H=9	81H90AQ	81H91AQ	81H92AQ	81H94AQ	
	H=18	81H180AQ	81H181AQ	81H182AQ	81H184AQ	
Four-hole mounting plate						
		Item No.	Item No.	Item No.		
Pcs/ctn 200	Height of mounting plate					
Nickel plated(A01)	H=0	81H00EQ	81H01EQ	81H02EQ	81H04EQ	
Specially treated(A11)	H=2	81H20EQ	81H21EQ	81H22EQ	81H24EQ	
	H=4	81H40EQ	81H41EQ	81H42EQ	81H44EQ	
	H=9	81H90EQ	81H91EQ	81H92EQ	81H94EQ	
	H=18	81H180EQ	81H181EQ	81H182EQ	81H184EQ	
Cam adjustable mouting plate						
		Item No.	Item No.	Item No.	Item No.	
Pcs/ctn 200	Height of mounting plate					
Nickel plated(A01)	H=0	81T00TQ	81T01TQ	81T02TQ	81T04TQ	81T0MTQ
Specially treated(A11)	H=2	81T20TQ	81T21TQ	81T22TQ	81T24TQ	81T2MTQ
	H=4	81T40TQ	81T41TQ	81T42TQ	81T44TQ	81T4MTQ
In-line cam adjustable mounting plate						
		Item No.				Item No.
Pcs/ctn 200	Height of mounting plate					
Nickel plated(A01)	H=0	81H00YQ				81H0MYQ
Specially treated(A11)	H=2	81H20YQ				81H2MYQ
	H=4	81H40YQ				81H4MYQ
Mounting plate for frame application						
		Item No.				
Pcs/ctn 200	Height of mounting plate					
Nickel plated(A01)	H=1	81H10JQ				
Specially treated(A11)	H=3	81H30JQ				
	H=6	81H60JQ				
		Item No.				
Pcs/ctn 200	Height of mounting plate					
Nickel plated(A01)	H=1	81T10JQ				
Specially treated(A11)	H=3	81T30JQ				

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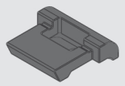
ORDER INFORMATION

Opening angle restrictor / Industrial package



Grey (H11)	
Opening angle	85°
Item No.	**86S80**
Pcs/ctn	5000

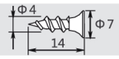
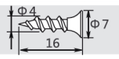
Decoration cover for hinge cup

Nickel plated(A01) Specially treated(A11)	Hinge cup 52mm center	Item No.	**G30H**
		Pcs/ctn	3000
	Hinge cup 42/45/ 48mm center	Item No.	**G10H**
		Pcs/ctn	3000

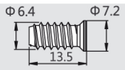
Decoration cover for hinge arm

Nickel plated(A01) Specially treated(A11)	Item No.	**S81H**
	Pcs/ctn	5000

Wood screw

Drilling Φ2		Item No.	**E-140N**
		Pcs/ctn	20000
Drilling Φ2		Item No.	**E-160N**
		Pcs/ctn	20000

Euro screw (For in-line mounting plate only)

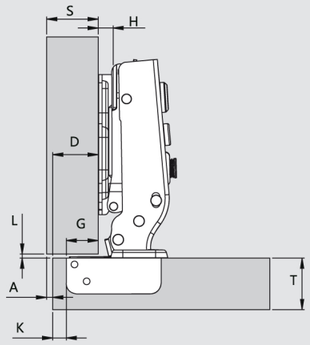


Item No.	**E-128**
Pcs/ctn	5000

We are continuously developing new products.
For updated product information, please log onto www.dtcdtc.com

PLANNING

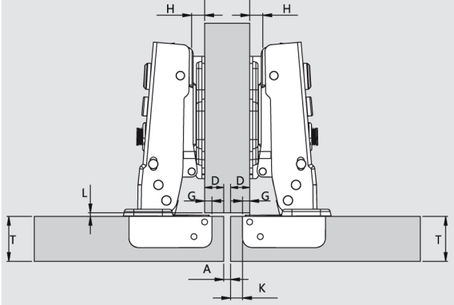
Application with full overlay door



S = Thickness of the cabinet side
D = Required door overlay
T = Door thickness
K = Drilling distance
A = Reveal
L = Gap between door and carcase
H = Height of the mounting plate
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.

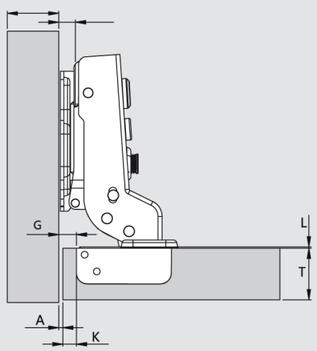
Application with half overlay door



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

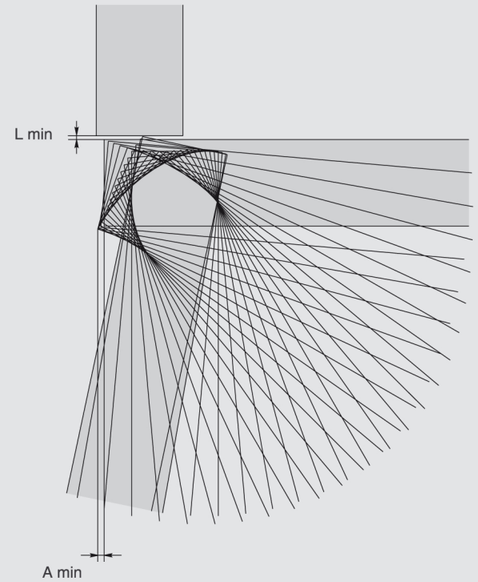


S = Thickness of the cabinet side
T = Door thickness
K = Drilling distance
A = Reveal
L = Gap between internal face of door and internal cabinet elements(e.g.shelves, drawers,etc.)
H = Height of the mounting plate
G = Hinge constant

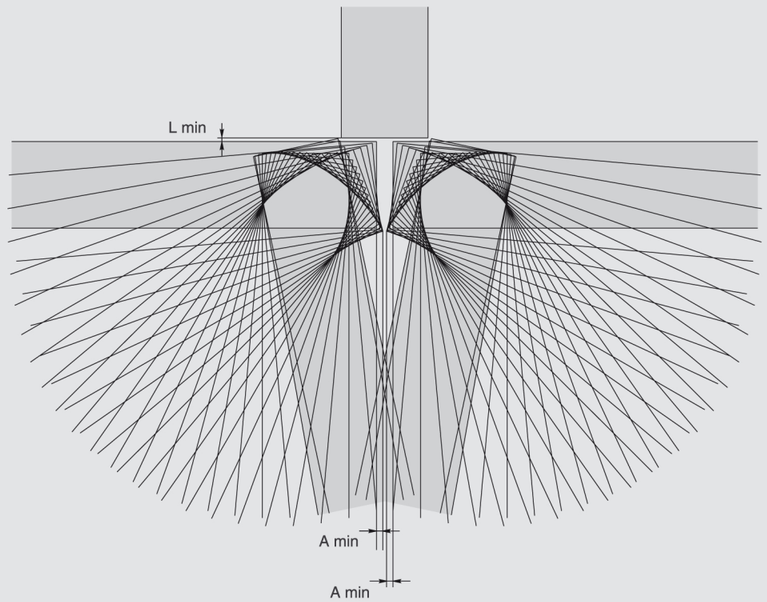
Whatever door overlay is required, you can select from our range the combination of both the type of hinge arm and the thickness of mounting plate necessary to solve your construction problem and avoid the need to stock too many different components.

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



ASSEMBLY AND ADJUSTMENTS

PIVOT-STAR Hinges Installation and Parameters

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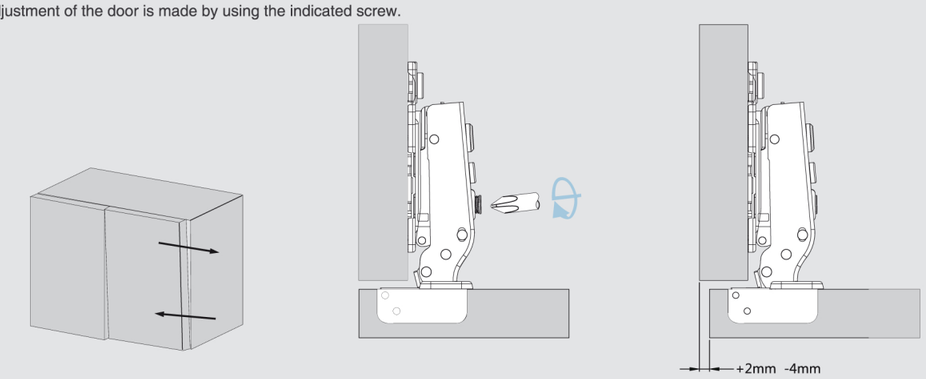
PLANNING

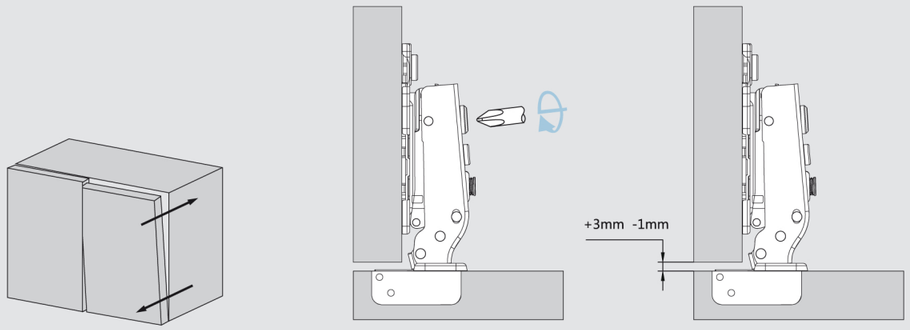
PIVOT-STAR side adjustment

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



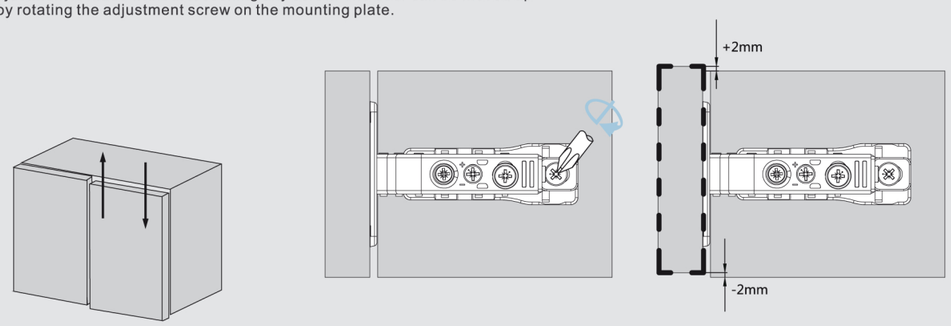
PIVOT-STAR depth adjustment

Depth adjustment is made without loosening any screw. The door can be moved in or out by rotating the adjustment screw on the hinge arm.



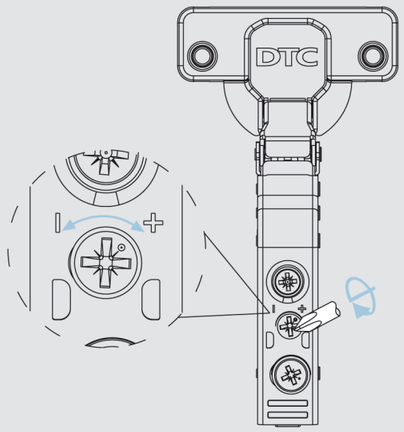
PIVOT-STAR height adjustment

Height adjustment is made without loosening any screw. The door can be moved up or down by rotating the adjustment screw on the mounting plate.

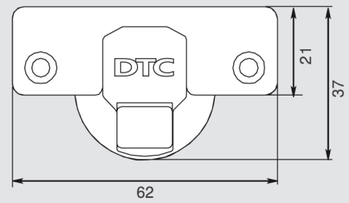


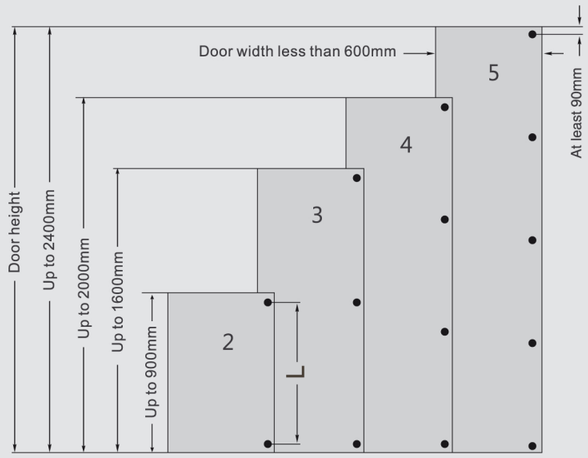
PLANNING

Door closing speed adjustable



"-" Reducing door closing time
"+" Increasing door closing time





L = distance between hinges

Number of hinges needed for each door
The number of hinges needed for each door depends on the width of the door, the height of the door and the type of material the door is made of. It varies in particular practices. The hinge installation proposal listed above is only for your reference. Experiment is suggested in an uncertain situation. "L" volume shall be relatively large considering stability.

Adjustment

Side adjustment: -4mm~+2mm
Depth adjustment: -1~+3mm
Height adjustment: ±2mm

Mounting plates

Two-hole and four-hole mounting plates
Standard and in-line cam adjustable mounting plates