DTC
Global Quality Benchmark

HINGES
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

Quietness
Intelligence
Durability
Eco- Friendliness

PIVOT-STAR

Φ35mm Speed-adjustable Soft-close Hinges

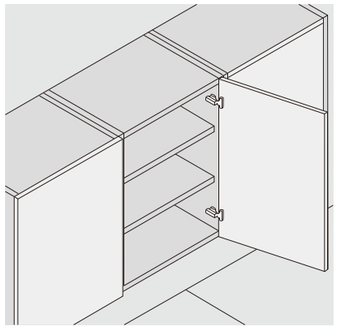
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

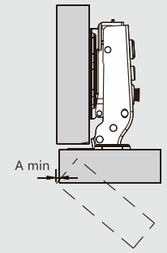
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

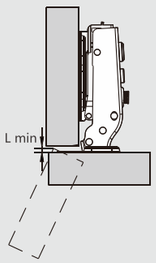
Space needed to open the door



	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

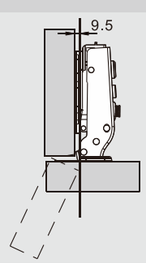


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

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

Projection of the door

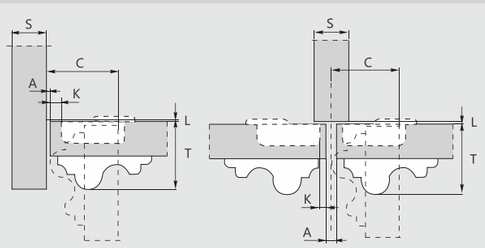
Projection of the door from the cabinet side at the max opening.The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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 carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.

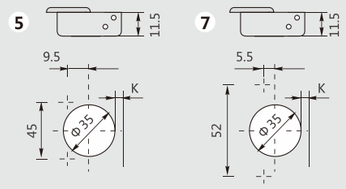


ORDER INFORMATION

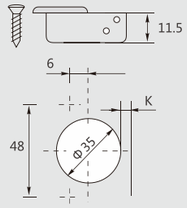
Options of screws and dowels:

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**	

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.

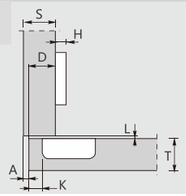


Nickel plated(A01) | Specially treated(A11)

Speed-adjustable soft-close hinge 110°

Full overlay C=0

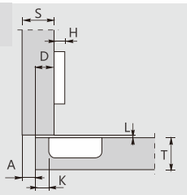
H=12+K-(D) (Factory setting)



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

Half overlay C=9

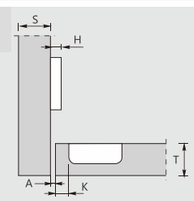
H=3+K-(D) (Factory setting)



	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

Nexus Enterprises

PIVOT-STAR

Φ35mm Speed-adjustable Soft-close Hinges For Thick Door

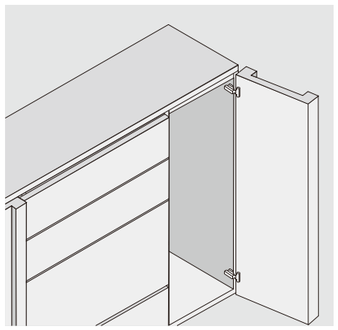
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

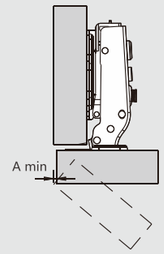
- Opening angle:95°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 19-35mm
- Possible drilling distances on the door(K): 3-9 mm

APPLICATION



PLANNING

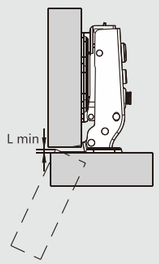
Space needed to open the door



	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

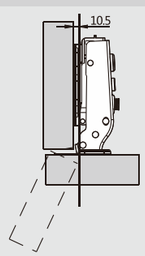


	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32 - 35
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 - 0.0
K=5	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.5 - 0.7
K=6	L=	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.9	1.0	1.2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

Projection of the door

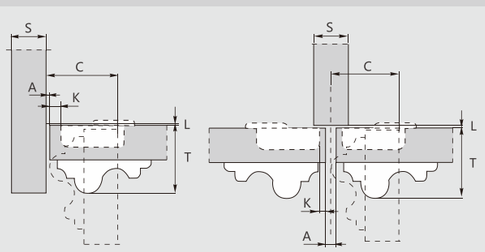
Projection of the door from the cabinet side at the max opening.The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



"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 carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.

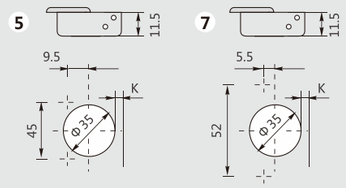


ORDER INFORMATION

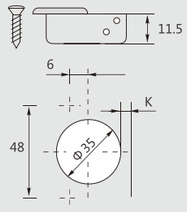
Options of screws and dowels:

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**

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.

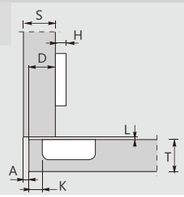


Nickel plated(A01) | Specially treated(A11)

Speed-adjustable soft-close hinges for thick door 95°

Full overlay C=0

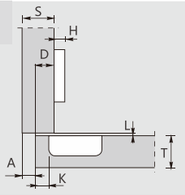
H=12+K-(D) (Factory setting)



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

Half overlay C=9

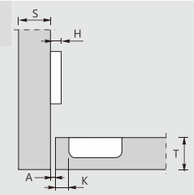
H=3+K-(D) (Factory setting)



	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

Nexus Enterprises

PIVOT-STAR

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

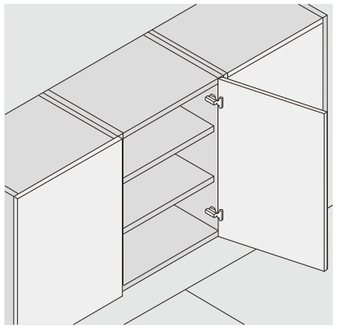
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

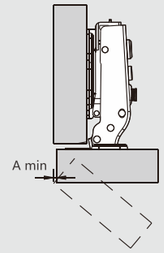
- Opening angle:105°
- Depth of hinge cup: 7.8mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 10-20mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

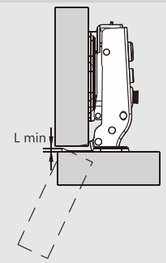
Space needed to open the door



	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

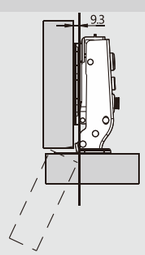


	T=	10	11	12	13	14	15	16	17	18	19	20
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.0
K=5	L=	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.0
K=6	L=	1.1	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.6	2.8

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

Projection of the door

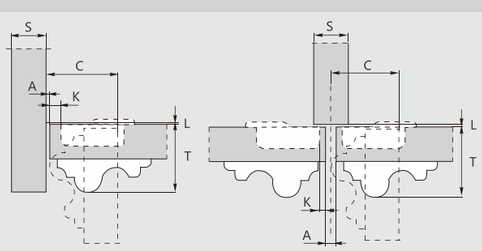
Projection of the door from the cabinet side at the max opening.The figures are based on a straight arm hinge, H=0mm mounting plate and drilling distance (K) =3mm.



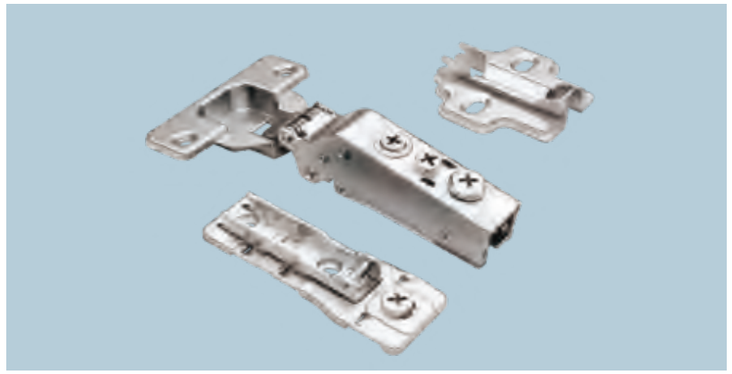
"C" value

C=20+K+ **A**

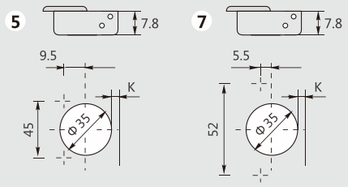
With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.



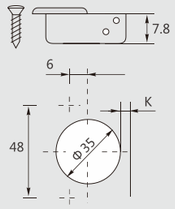
ORDER INFORMATION



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.

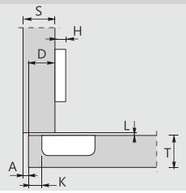


Nickel plated(A01) | Specially treated(A11)

Speed-adjustable Soft-close Hinges for thin door 105°

Full overlay C=0

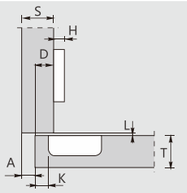
H=12+K-(D) (Factory setting)



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

Half overlay C=9

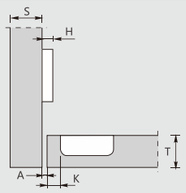
H=3+K-(D) (Factory setting)



	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

Nexus Enterprises

PIVOT-STAR

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

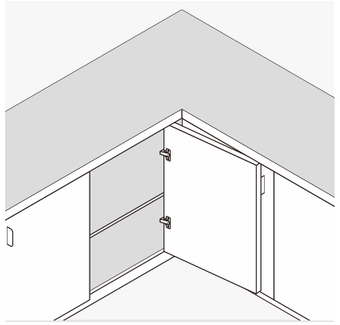
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

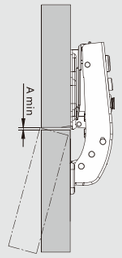
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

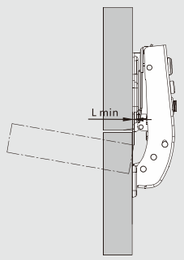
Space needed to open the door



	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

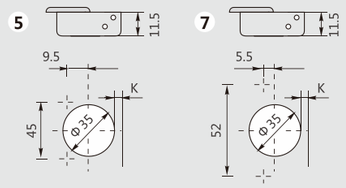
- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiussed edges.

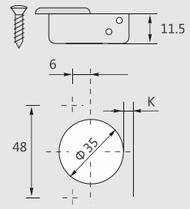
ORDER INFORMATION

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**	

Φ 35mm Hinge cup types



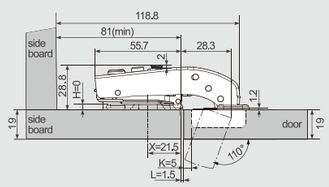


Nickel plated(A01) | Specially treated(A11)

Speed-adjustable soft-close angled hinges 110°

90°

Adjustment range of D -2 ⟷ +2

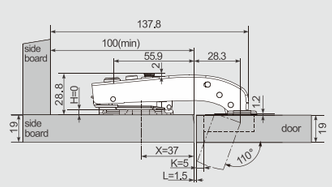


Adjustment range of L -0.5 ⟷ +3

	Item No.	Pcs/ctn
Soft-close	C81J676F	200

90°

Adjustment range of D -3 ⟷ +2



Adjustment range of L -0.5 ⟷ +3

	Item No.	Pcs/ctn
Soft-close	C81G676F	200

Nexus Enterprises

PIVOT-STAR

C81 Φ35mm Speed-adjustable Soft-close Angled Hinges

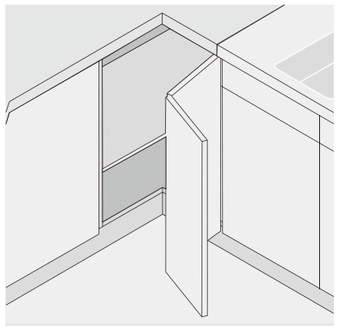
DTC
Global Quality Benchmark

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

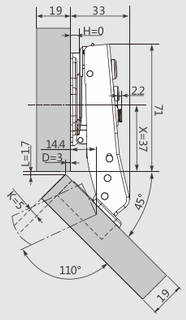
Options of screws and dowels:

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**	

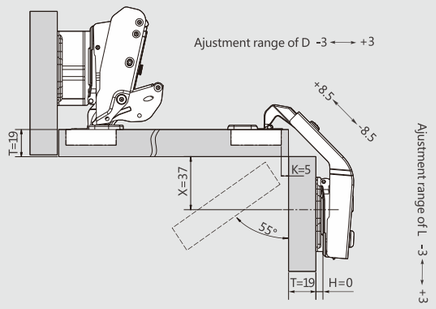
Φ35mm 45°ANGLED HINGE, CORNER DOOR, BI-FOLD DOOR HINGE APPLICATIONS

Kitchen Bi-fold door applications

45°

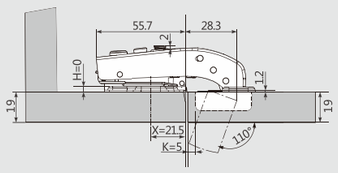


135°

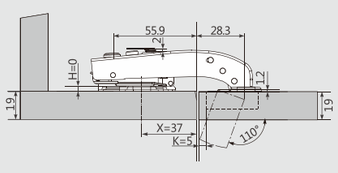


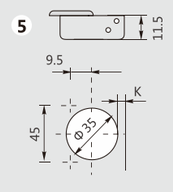
Kitchen corner door applications

90°

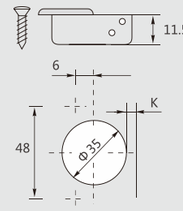


90°





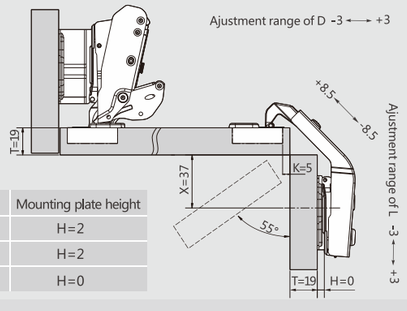
The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.



Nickel plated(A01) | Specially treated(A11)

C81 series snap-on angled hinge(two way, cam-adjustable)

135°



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

Nexus Enterprises

PIVOT-STAR

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

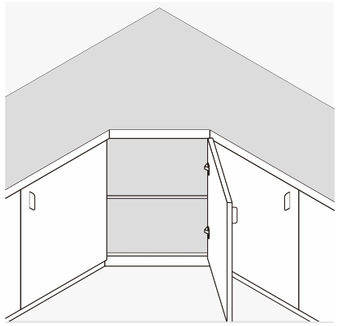
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

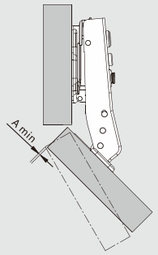
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

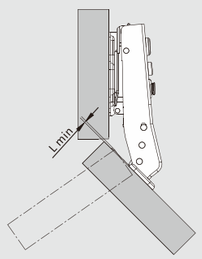
Space needed to open the door



	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

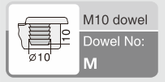


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
K=4	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
K=5	L=	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
K=6	L=	0.9	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0

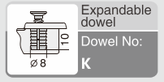
- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiussed edges.

ORDER INFORMATION

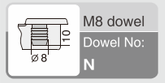
Options of screws and dowels:



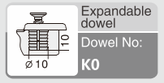
M10 dowel
Dowel No: **M**



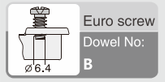
Expandable dowel
Dowel No: **K**



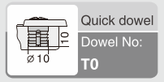
M8 dowel
Dowel No: **N**



Expandable dowel
Dowel No: **K0**

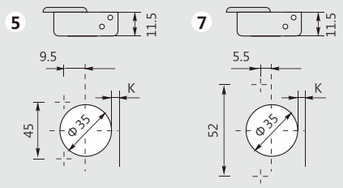


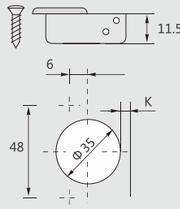
Euro screw
Dowel No: **B**



Quick dowel
Dowel No: **T0**

Φ 35mm Hinge cup types

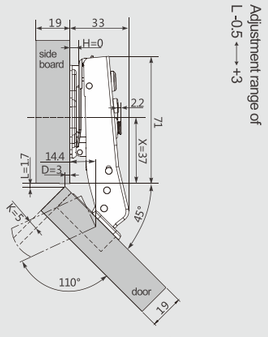




Nickel plated(A01) | Specially treated(A11)

Speed-adjustable soft-close angled hinge 110°

Small overlay 45°



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

Nexus Enterprises

PIVOT-STAR

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

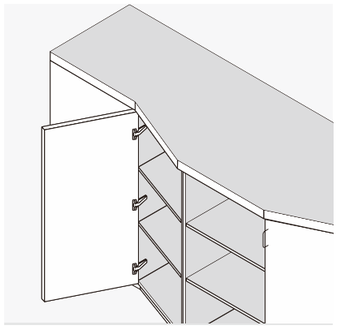
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

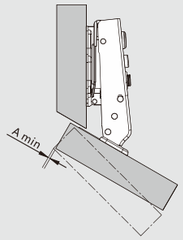
- Opening angle:110°
- Depth of hinge cup: 11.5mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 16-26mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

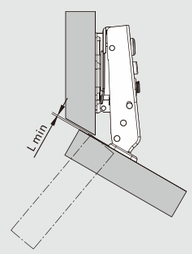
Space needed to open the door



	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

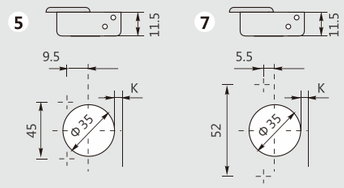
- The above values are calculated on the assumption that the doors have square edges.
- They are reduced if the doors have radiussed edges.

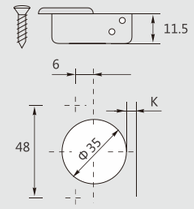
ORDER INFORMATION

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**

Φ 35mm Hinge cup types

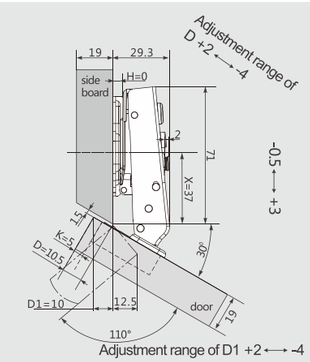




Nickel plated(A01) | Specially treated(A11)

Speed-adjustable soft-close angled hinge 110°

Overlay 30°



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

Nexus Enterprises

PIVOT-STAR

Φ35mm Speed-adjustable 160° Soft-close Hinges

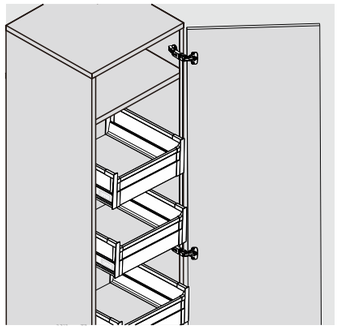
DTC
Global Quality Benchmark

PRODUCT

DESCRIPTION

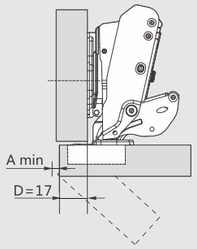
- Opening angle:160°
- Depth of hinge cup: 11.8mm
- Diameter of hinge cup: 35mm
- Range of door thickness: 18-28mm
- Possible drilling distances on the door(K): 3-6 mm

APPLICATION



PLANNING

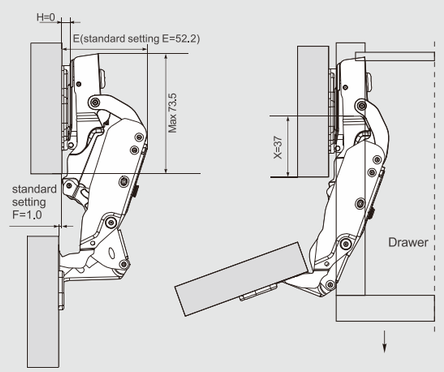
Space needed to open the door



	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

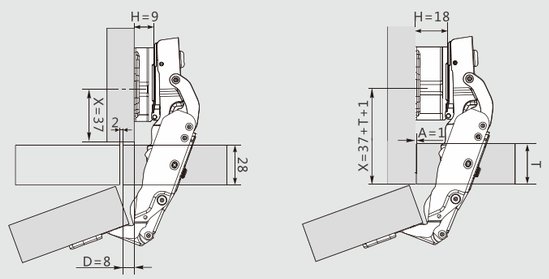
The door combined with a mounting plate H=0, opens at 90°, with a 1.0mm protrusion allowing objects(e.g. drawers) to move from inside of the cabinet.



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.



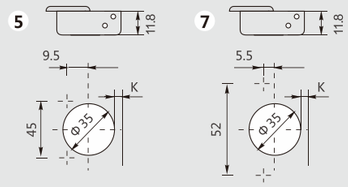
Half overlay C=9 | Inset C=18

ORDER INFORMATION

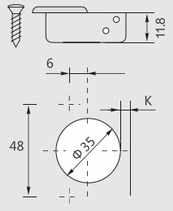
Options of screws and dowels:

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.

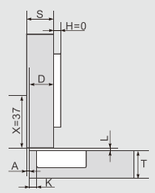


Nickel plated(A01) | Specially treated(A11)

Speed-adjustable soft-close hinges 160°

Full overlay C=0

H=12+K-D

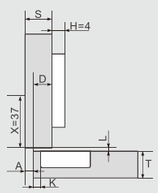


for overlay D=17±2mm, H=0 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A606F	100

Overlay C=4

H=12+K-D

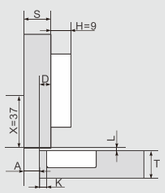


for overlay D=13±2mm, H=4 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A606F	100

Half overlay C=9

H=12+K-D

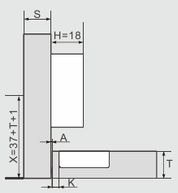


for overlay D=8±2mm, H=9 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A606F	100

Inset C=18

H=12+K-D



for inset door, H=18 mounting plate only

	Item No.	Pcs/ctn
Soft-close	C81A606F	100

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ASSEMBLY AND ADJUSTMENTS

PIVOT-STAR Hinge Installation and Parameters

DTC
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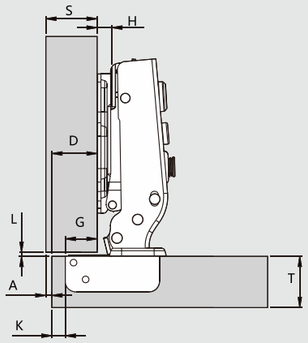
PLANNING

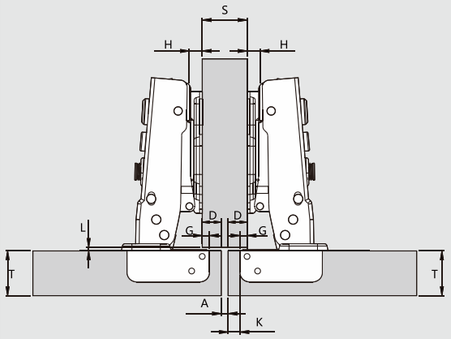
Application with full overlay door



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.

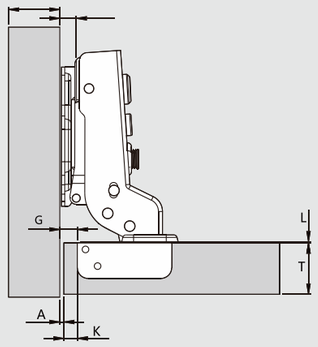
Application with half overlay door



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.

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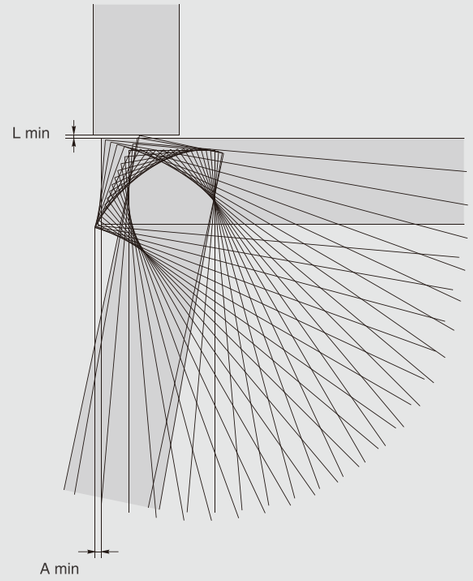
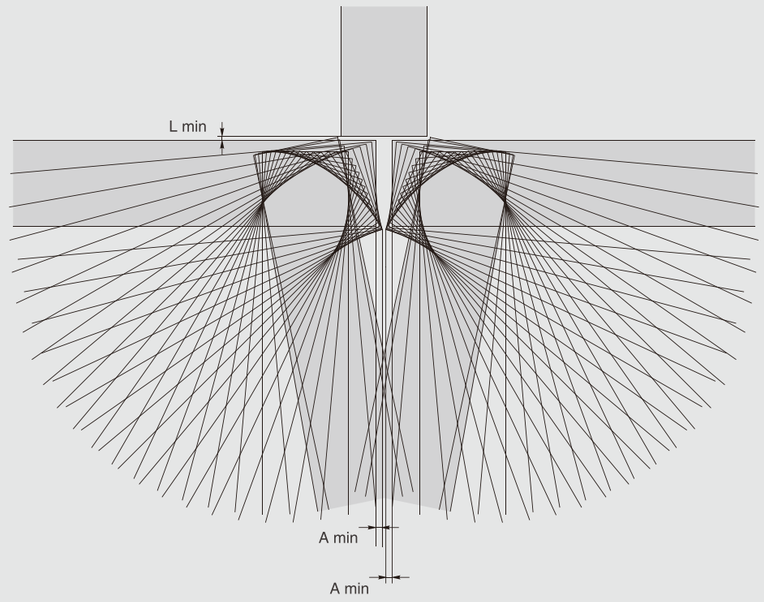
PLANNING

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 Hinge Installation and Parameters

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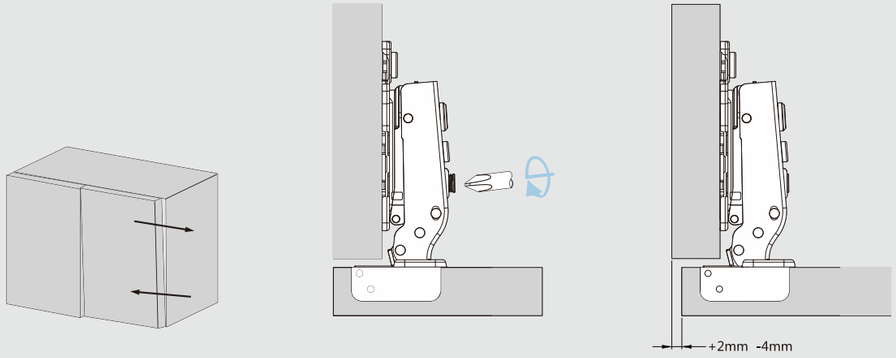
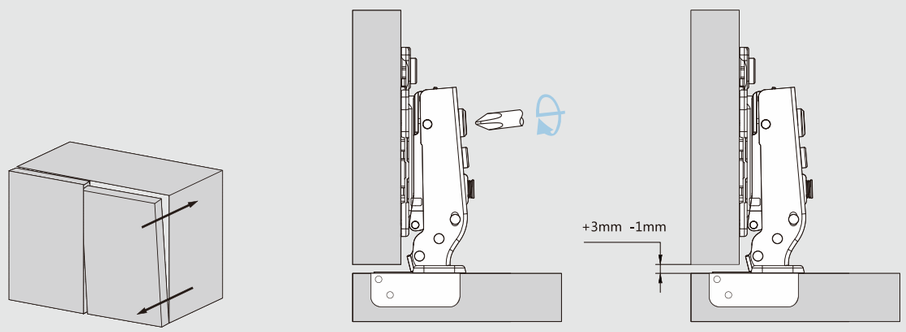
PIVOT-STAR side adjustment

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



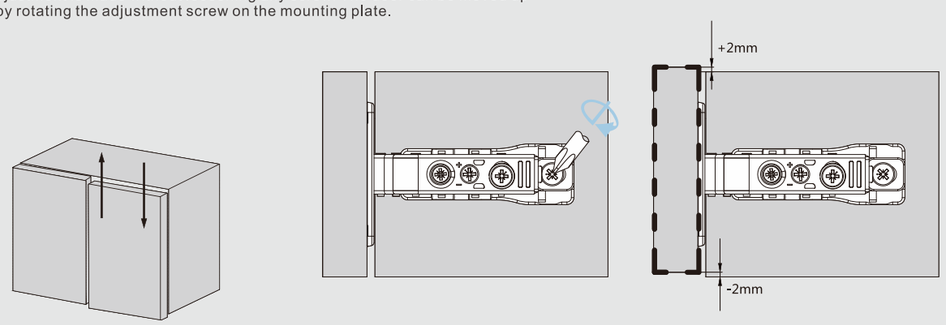
PIVOT-STAR depth adjustment

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.



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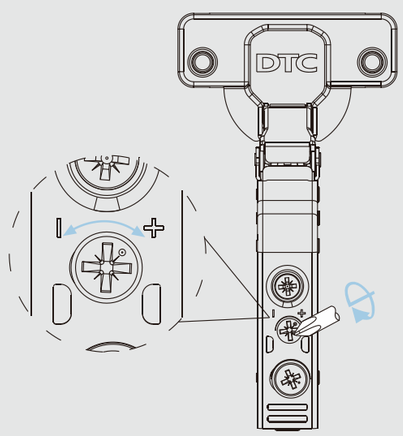
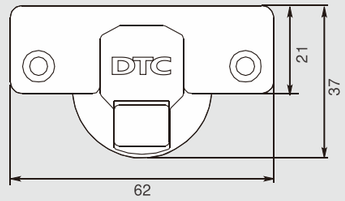
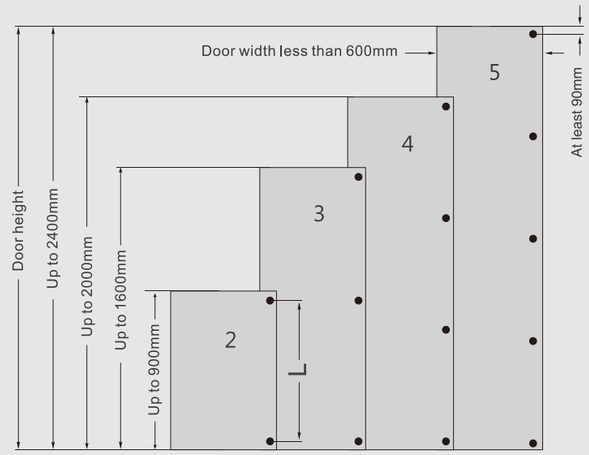
PLANNING

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