

**GARIS®**

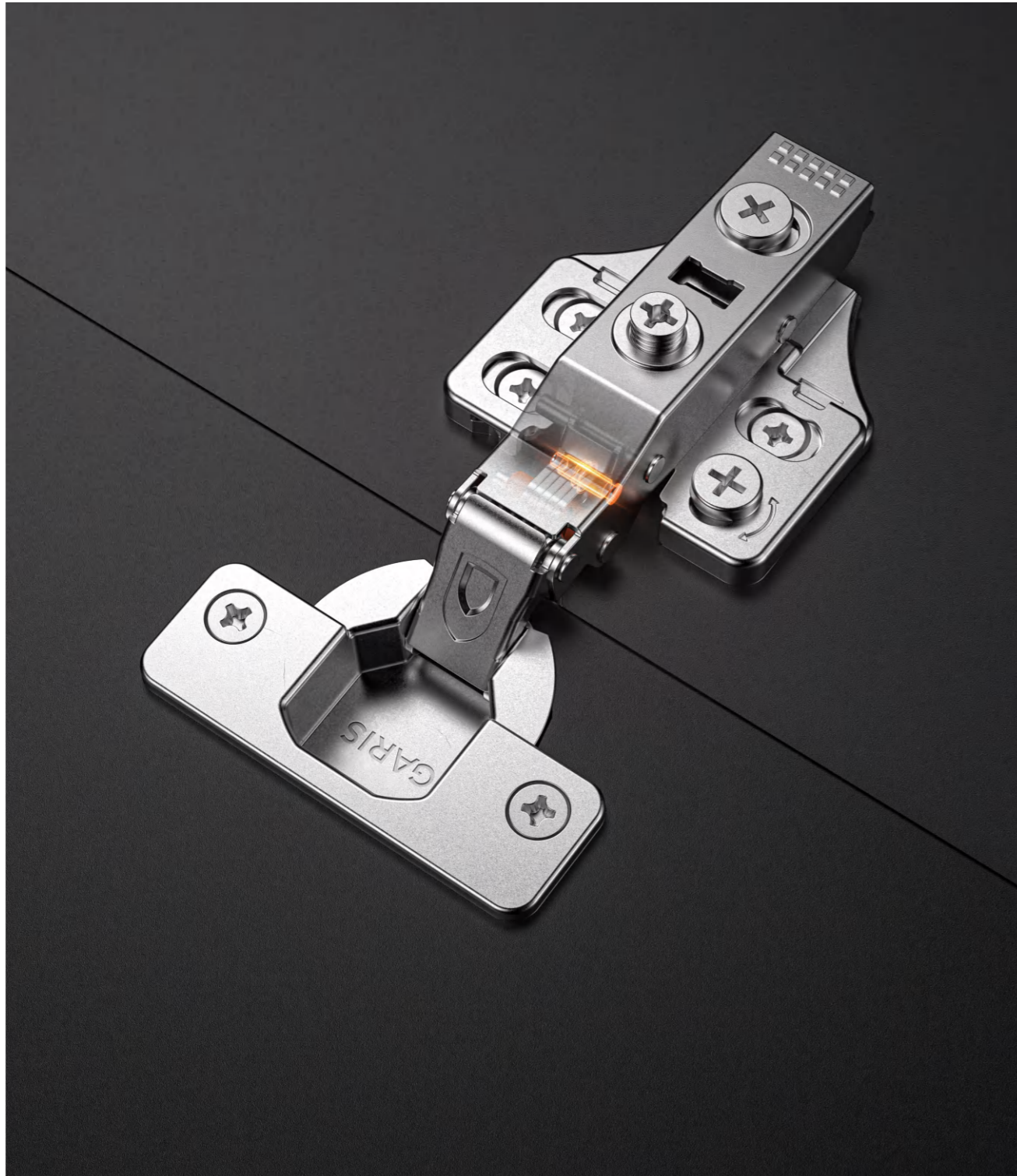


## **HINGE SERIES**

TESTED BY TIME

GARIS hinges suit for different designs , no matter wooden door or Aluminum frame door.Garis hinges offers solution for different material, different usage.





High quality Soft-closing mechanism, brings softly and quiet closing performance  
 Soft-closing Tank inserted in Hinge arm, function concentrated, better buffering ability  
 Clip-on plate with excellent compatible and cooperative ability, worked as a modular accessory for clip-on hinges  
 With innovative clip-on design, makes installation more simple and easy.  
 Variable types on hinges offers perfect solution for different usage.



**KT68**  
 Soft-closing hinges  
 with rotating shaft  
 007

Two-stage force	
KT68Normal series	009
KT68Clip-on series	011
KT68Clip-on 3D	013
KL68Normal series	015
KL68Clip-on series	017
KL68Clip-on 3D	018



**KT82**  
 Soft-closing hinges  
 with rotating shaft  
 019

One-stage force	
KT82Normal series	021



**KT72**  
 Soft-closing Hinges  
 with Small Workable  
 Degree  
 023

Two-stage force	
KT72Normal series	025
KT72Clip-on series	027
KT72Clip-on 3D	029
KL72Normal series	031
KL72Clip-on series	033
KL72Clip-on 3D	034



**KC76**  
 Soft-closing Hinges  
 for Thick Doors  
 035

Two-stage force	
KC76Normal series	037
KC76Clip-on series	039



**KS304**  
 Stainless Steel  
 Soft-closing Hinges  
 041

Two-stage force	
KS304Normal series	044
KS304Clip-on series	045
KS304Clip-on 3D	046



**GT**  
 Special Degree  
 Soft-closing Hinges  
 047

GT165series	049
GT135series	051
GT90series	053
GT45series	055



## SMOOTH SURFACE WITHOUT WRINKLE

Smooth surface,Contracted design,Reliable

## RELIABLE , DURABLE



Large adjustment range ,  
Adjustment range 50% larger,  
Depth adjustment 9mm,  
Horizontal Adjustment 8mm.



Integrated with quiet  
soft-closing mechanism,  
stainless steel concealed s  
oft-closing tank,  
to Make sure hinges working  
quietly and softly.



Double layer electroplated,  
Copper plated and Nickel plated  
Double layer protect ,  
no worry about corrosion.

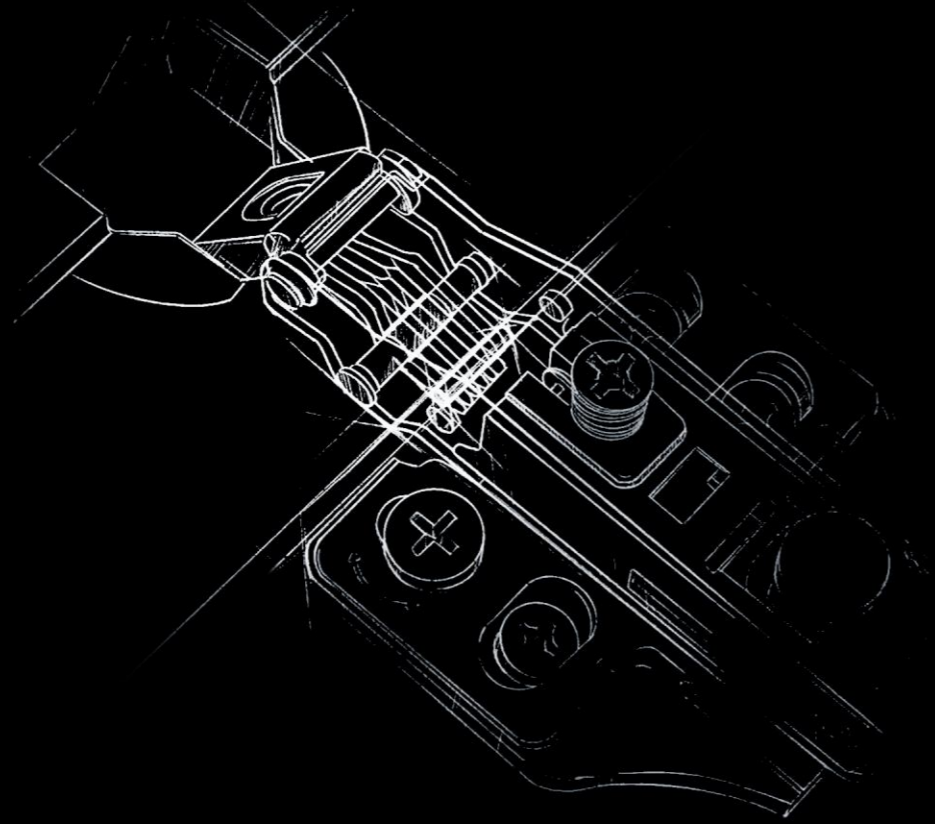


105°large open degree,  
Wide View for items storage,  
The storage space is unobstructed.



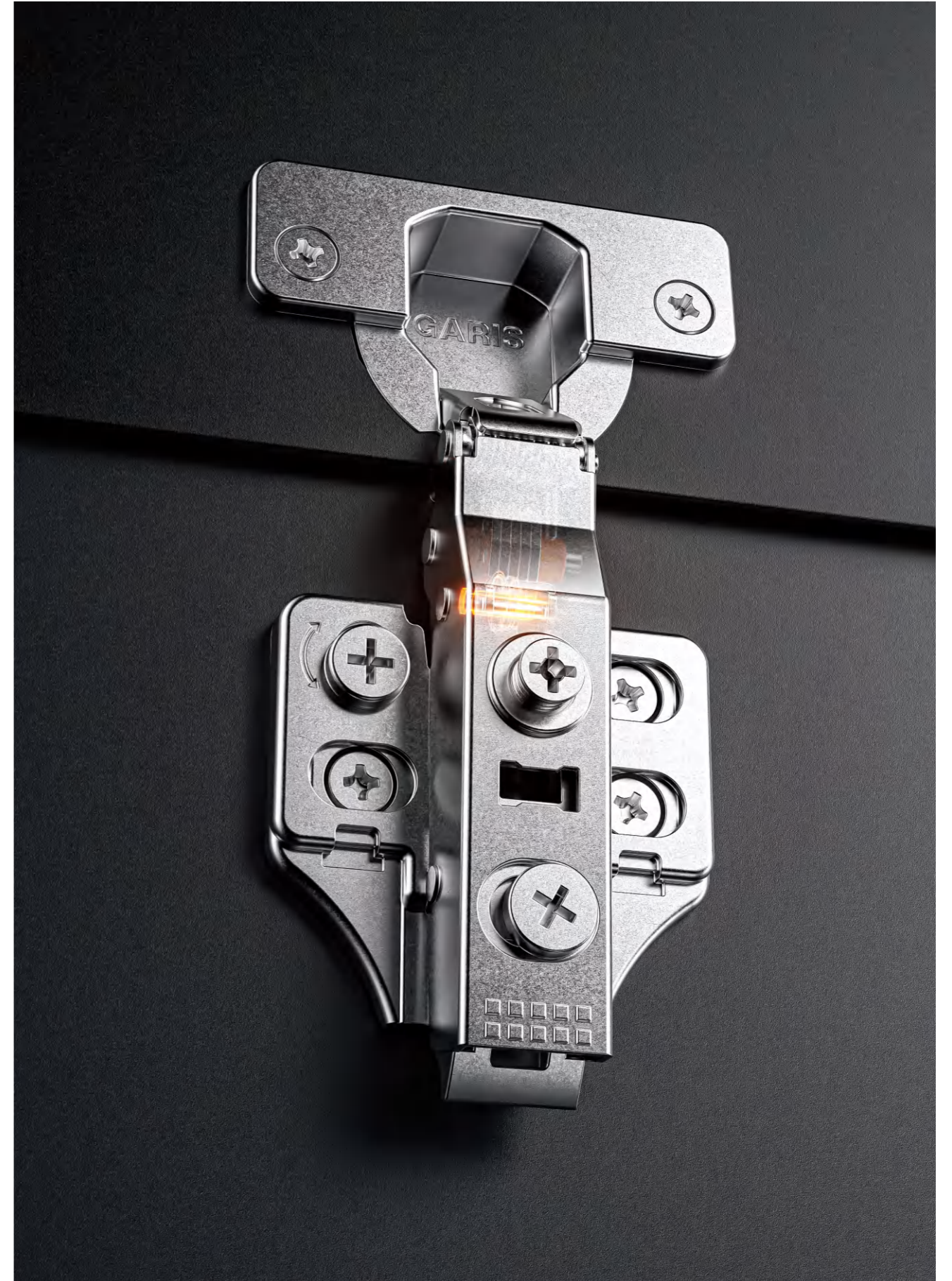
# KT 68

SOFT-CLOSING HINGES  
WITH ROTATING SHAFT



## Protective cover

Patent design of rotating shaft ,  
give better protection  
for hinge arm shaft from friction,  
Also makes hinge more durable without breaking,  
extending service life a lot .  
More quiet and smooth performance.





# KT68 SOFT-CLOSING HINGES

Two-stage force Normal

HINGE SERIES



### Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$   
 Dimension of door (K): 3-7mm  
 Range of door thickness: 14-22mm  
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

### Patented roller

High strong structure design, long service life, self-lubricating rotating shaft, reduce abrasion. Precise designed for smooth and quiet performance.

### Soft-Closing Tech



Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



### Product type and model

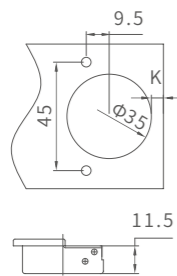


KT68-291 Full overlay

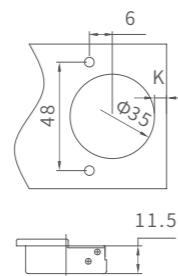
KT68-281 Half overlay

KT68-271 Inset

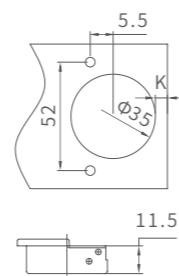
### Drilling hole-distance for hinge cup



K1



K2

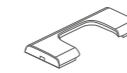


K3

### Optional Accessory



G01  
Decorative Cover Cap for hinge arm



G02  
Cover Cap for hinge cup

### Type of Installation

Base Height

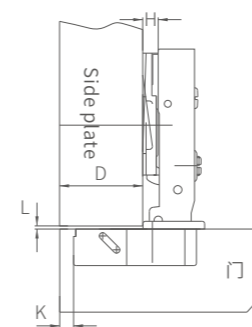
### Type of Screws

<p>A02 Hinge base with 2 holes H=0</p>	<p>S01 Wood screw M4x16mm</p>	<p>S02 Wood screw M4x14mm</p>
<p>A02E Type 2 Euro base H=0</p>	<p>S03 Euro screw Φ6.3x14mm</p>	
<p>A02Q Type 2 bridge base H=0</p>	<p>S04 Tumbler bolt Φ4x11mm</p>	<p>J05 base dowel Φ5x12mm</p>
<p>A04 Hinge base with 4 holes H=0</p>	<p>S01 Wood screw M4x16mm</p>	<p>S02 Wood screw M4x14mm</p>

### Type of dowels

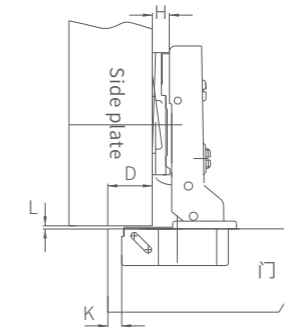
<p>J10 dowel Φ10x12mm</p>	<p>J08 dowel Φ8x12mm</p>	<p>S04 Tumbler bolt Φ4x11mm</p>
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### Product specification



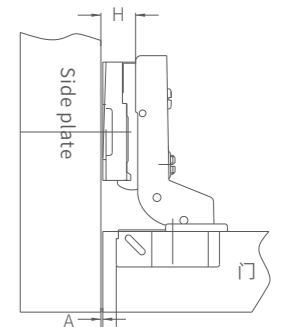
$$H=14+K-D$$

D	H	K	3	4	5	6	7
0	17	18	19	20	21		



$$H=4+K-D$$

D	H	K	3	4	5	6	7
0	7	8	9	10	11		



$$H=-4+K+A$$

A	H	K	3	4	5	6	7
0	1	0	-1	-2	-3		

# KT68 SOFT-CLOSING HINGES

Two-stage force Clip-on

HINGE SERIES



### Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$   
 Dimension of door (K): 3-7mm  
 Range of door thickness: 14-22mm  
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

### Patented roller

High strong structure design, long service life, self-lubricating rotating shaft, reduce abrasion. Precise designed for smooth and quiet performance.

### Soft-Closing Tech



Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



### Product type and model



KT68-292 Full overlay

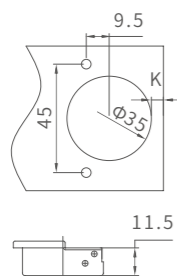


KT68-282 Half overlay

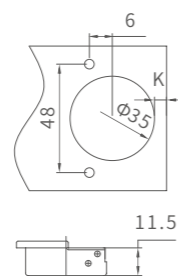


KT68-272 Inset

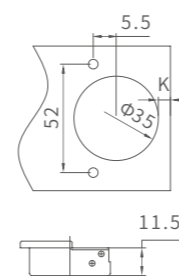
### Drilling hole-distance for hinge cup



K1



K2

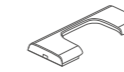


K3

### Optional Accessory



G01  
Decorative Cover Cap for hinge arm



G02  
Cover Cap for hinge cup

### Type of Installation

Base Height  
 B02 Hinge base with 2 holes  
 H=0

### Type of Screws



S01  
Wood screw  
M4x16mm



S02  
Wood screw  
M4x14mm

B02E Type 2 Euro base  
 H=0



S03  
Euro screw  
Φ6.3x14mm

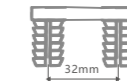
B02Q Type 2 bridge base  
 H=0



S04  
Tumbler bolt  
Φ4x11mm



J05  
base dowel  
Φ5x12mm



J05Q  
bride dowel  
Φ5x12mm

B04 Hinge base with 4 holes  
 H=0



S01  
Wood screw  
M4x16mm



S02  
Wood screw  
M4x14mm

C04 3D base

### Type of dowels



J10 dowel  
Φ10x12mm

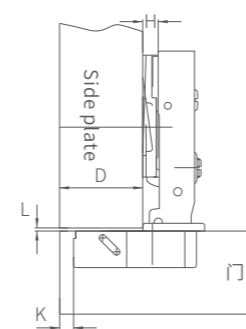


J08 dowel  
Φ8x12mm



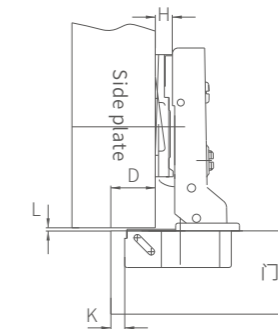
S04  
Tumbler bolt  
Φ4x11mm

### Product specification



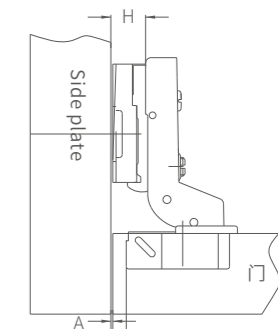
$$H=14+K-D$$

D	H	K	3	4	5	6	7	
			0	17	18	19	20	21



$$H=4+K-D$$

D	H	K	3	4	5	6	7	
			0	7	8	9	10	11



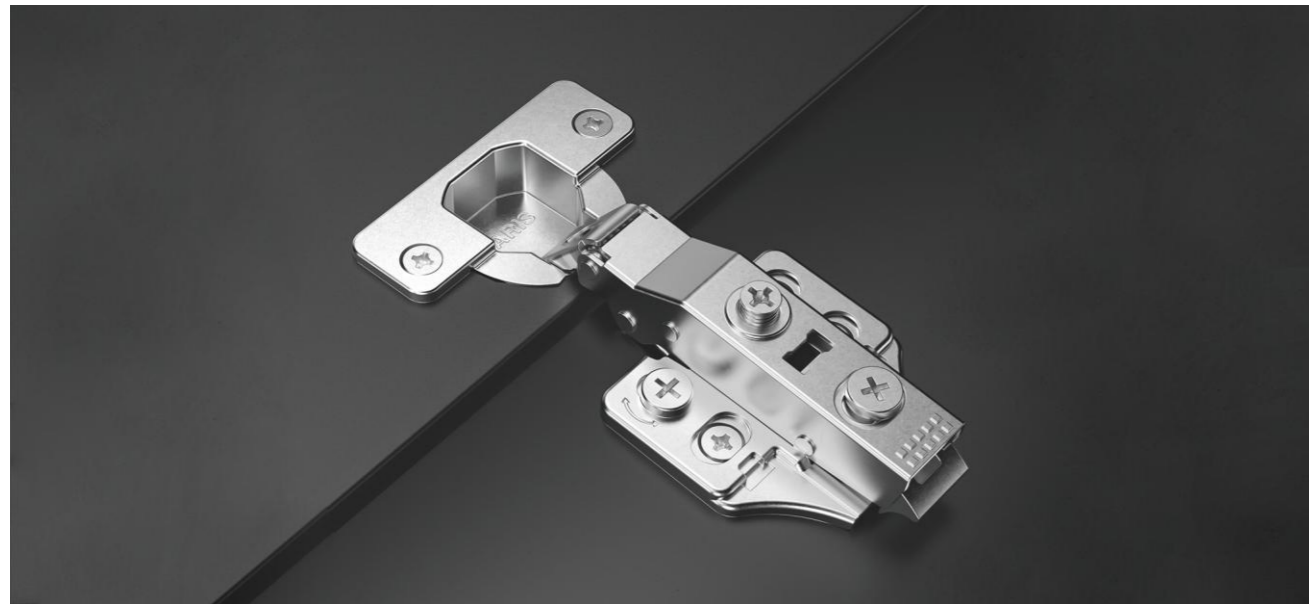
$$H=-4+K+A$$

A	H	K	3	4	5	6	7	
			0	1	0	-1	-2	-3

# KT68 SOFT-CLOSING HINGES

Two-stage force Clip-on 3D adjustment

HINGE SERIES



## Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$   
 3D adjustment, Clip-on base  
 Dimension of door (K): 3-7mm,  
 Range of door thickness 14-22mm  
 Steady & Anti-shake,  
 Depth adjustment 5mm,  
 Horizontal Adjustment 8mm

## Patented roller

High strong structure design, long service life, self-lubricating rotating shaft, reduce abrasion. Precise designed for smooth and quiet performance.

## Soft-Closing Tech



Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



Product Details



KT68-293 Full overlay

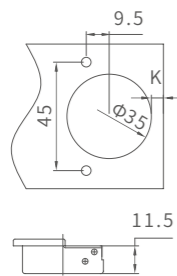


KT68-283 Half overlay

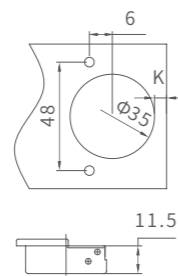


KT68-273 Inset

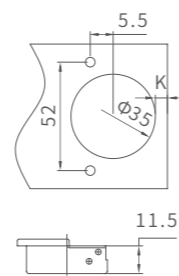
## Drilling hole-distance for hinge cup



K1



K2



K3

## Optional Accessory



G01  
Decorative Cover  
Cap for hinge arm



G02  
Cover Cap  
for hinge cup

## Type of Installation

Base Height

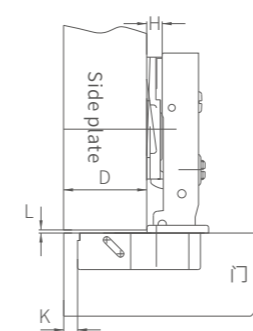
## Type of Screws

 B02 Hinge base with 2 holes H=0	 S01 Wood screw M4x16mm	 S02 Wood screw M4x14mm
 B02E Type 2 Euro base H=0	 S03 Euro screw Φ6.3x14mm	
 B02Q Type 2 bridge base H=0	 S04 Tumbler bolt Φ4x11mm	 J05 base dowel Φ5x12mm
 B04 Hinge base with 4 holes H=0	 S01 Wood screw M4x16mm	 S02 Wood screw M4x14mm
 C04 3D base		 J05Q bride dowel Φ5x12mm

## Type of dowels

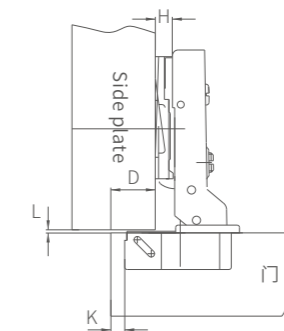
 J10 dowel Φ10x12mm	 J08 dowel Φ8x12mm	 S04 Tumbler bolt Φ4x11mm
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## Product specification



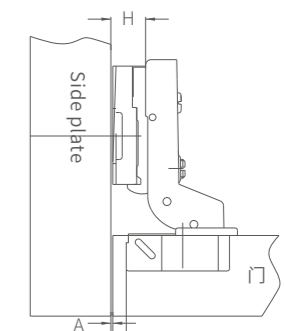
$$H=14+K-D$$

D	H	K	3	4	5	6	7	
			0	17	18	19	20	21



$$H=4+K-D$$

D	H	K	3	4	5	6	7	
			0	7	8	9	10	11

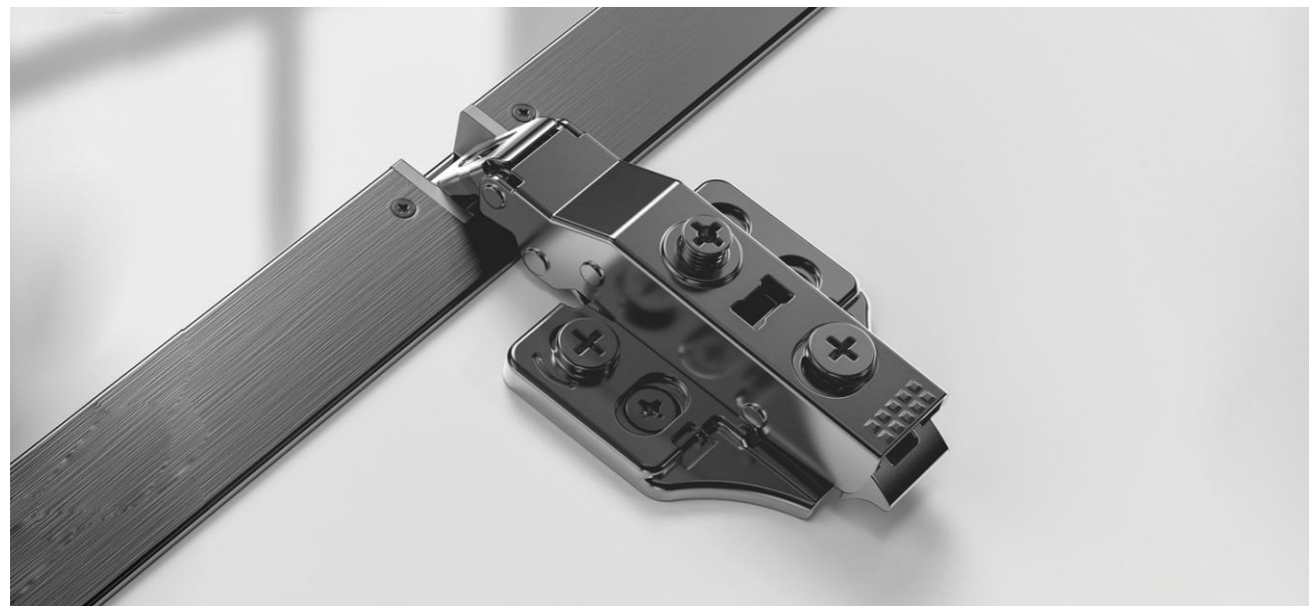


$$H=-4+K+A$$

A	H	K	3	4	5	6	7	
			0	1	0	-1	-2	-3

# KL68 ALUMINIUM FRAME SOFT-CLOSING HINGES

Two-stage force



## Product introduction

Open degree:  $103 \pm 2^\circ$   
 Drilling hole-distance for hinge up on aluminum frame: 28mm  
 Available width of aluminum frame: 19-23mm  
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

## Patented roller

High strong structure design, long service life, self-lubricating rotating shaft, reduce abrasion. Precise designed for smooth and quiet performance.

## Soft-Closing Tech



Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



## Product type and model



KL68-291 Full overlay

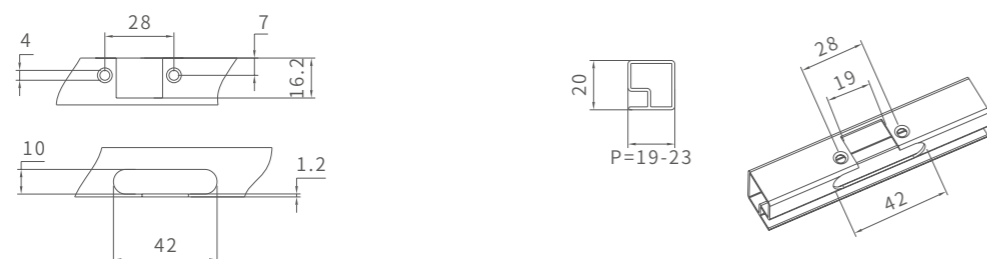


KL68-281 Half overlay



KL68-271 Inset

## Drilling hole-distance for hinge cup



Normal

HINGE SERIES

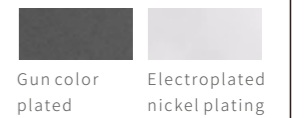
## Optional Accessory



G01  
Decorative Cover  
Cap for hinge arm



G02  
Cover Cap  
for hinge cup



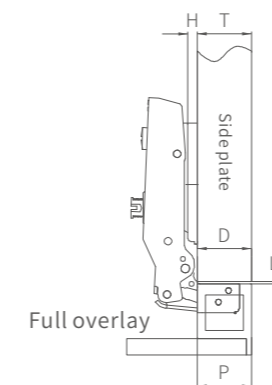
## Type of Installation

Base Height

## Type of Screws

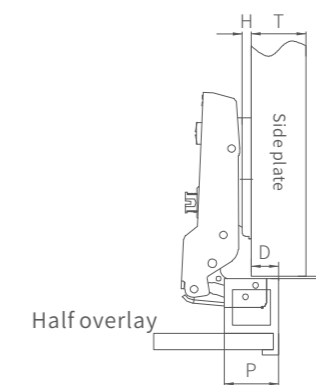
<p>A02 Hinge base with 2 holes H=0</p>	<p>S01 Wood screw M4x16mm</p>	<p>S02 Wood screw M4x14mm</p>	<p>S04 4PCS Screw for aluminum frame</p>
<p>A02E Type 2 Euro base H=0</p>	<p>S03 Euro screw Φ6.3x14mm</p>		
<p>A02Q Type 2 bridge base H=0</p>	<p>S04 Tumbler bolt Φ4x11mm</p>	<p>J05 base dowel Φ5x12mm</p>	<p>J05Q bride dowel Φ5x12mm</p>
<p>A04 Hinge base with 4 holes H=0</p>	<p>S01 Wood screw M4x16mm</p>	<p>S02 Wood screw M4x14mm</p>	<p>S04 4PCS Screw for aluminum frame</p>

## Product specification



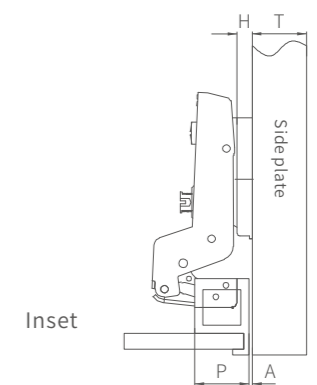
$$H=14+K-D$$

D	K	3	4	5	6	7	
H		0	17	18	19	20	21



$$H=4+K-D$$

D	K	3	4	5	6	7	
H		0	7	8	9	10	11



$$H=-4+K+A$$

A	K	3	4	5	6	7	
H		0	1	0	-1	-2	-3



Product type and model

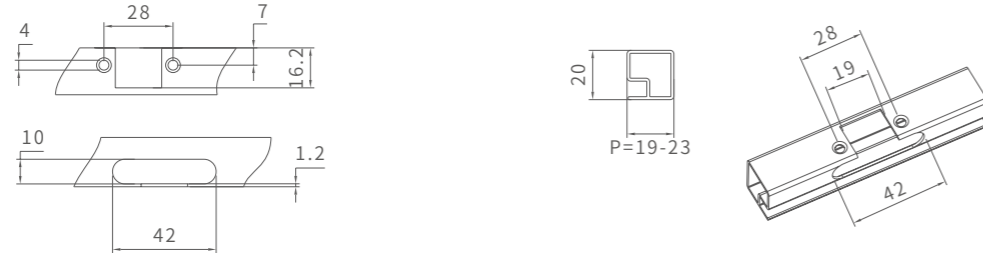



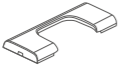









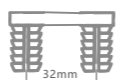








KL68-292 Full overlay

KL68-282 Half overlay

KL68-272 Inset

Drilling hole-distance for hinge cup



Optional Accessory	
 G01 Decorative Cover Cap for hinge arm	 G02 Cover Cap for hinge cup
Type of Installation Base Height	Type of Screws
 B02 Hinge base with 2 holes H=0	 S01 Wood screw M4x16mm  S02 Wood screw M4x14mm  S04 4PCS Screw for aluminum frame
 B02E Type 2 Euro base H=0	 S03 Euro screw Φ6.3X14mm
 B02Q Type 2 bridge base H=0	 S04 Tumbler bolt Φ4x11mm  J05 base dowel Φ5×12mm  J05Q bride dowel Φ5×12mm
 B04 Hinge base with 4 holes H=0	 S01 Wood screw M4x16mm  S02 Wood screw M4x14mm  S04 4PCS Screw for aluminum frame
 C04 3D base	 S01 Wood screw M4x16mm  S02 Wood screw M4x14mm  S04 4PCS Screw for aluminum frame

Product type and model

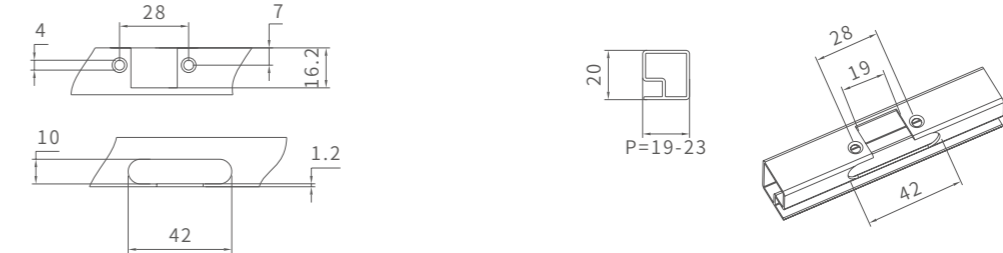



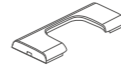









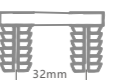








KL68-293 Full overlay

KL68-283 Half overlay

KL68-273 Inset

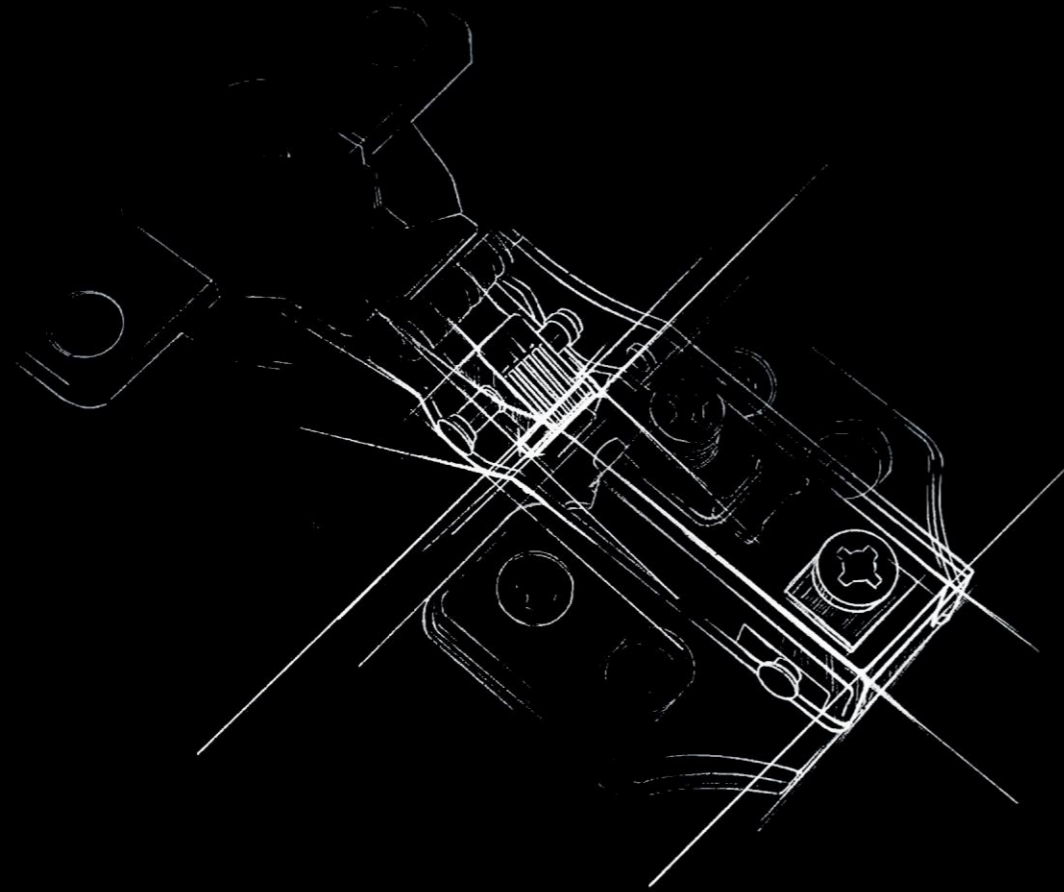
Drilling hole-distance for hinge cup



Optional Accessory	
 G01 Decorative Cover Cap for hinge arm	 G02 Cover Cap for hinge cup
Type of Installation Base Height	Type of Screws
 B02 Hinge base with 2 holes H=0	 S01 Wood screw M4x16mm  S02 Wood screw M4x14mm  S04 4PCS Screw for aluminum frame
 B02E Type 2 Euro base H=0	 S03 Euro screw Φ6.3X14mm
 B02Q Type 2 bridge base H=0	 S04 Tumbler bolt Φ4x11mm  J05 base dowel Φ5×12mm  J05Q bride dowel Φ5×12mm
 B04 Hinge base with 4 holes H=0	 S01 Wood screw M4x16mm  S02 Wood screw M4x14mm  S04 4PCS Screw for aluminum frame
 C04 3D base	 S01 Wood screw M4x16mm  S02 Wood screw M4x14mm  S04 4PCS Screw for aluminum frame

# KT 82

Soft-closing Hinges with Rotating Shaft



## Delicate arm body

Smart hinge arm, Simple appearance

Hinge arm designed with patents technology of rotating shaft , anti-abrasion, durable  
Extends service time , and creates quiet performance .







**Product introduction**

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$   
 Dimension of door (K): 3-7mm  
 Range of door thickness: 14-22mm

**Patented roller**

High strong structure design, long service life, self-lubricating rotating shaft, reduce abrasion. Precise designed for smooth and quiet performance.

**Soft-Closing Tech**



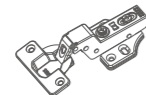
Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



**Standard Configuration**



S01  
Wood screw x12PCS  
M4x16mm

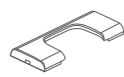


2PCS  
Soft-closing hinges

**Optional Accessory**



G01  
Decorative Cover Cap for hinge arm



G02  
Cover Cap for hinge cup



S02  
Wood screw  
M4x14mm



S03  
Euro screw  
 $\Phi 6.3 \times 14 \text{mm}$



J10 dowel  
 $\Phi 10 \times 12 \text{mm}$



J08 dowel  
 $\Phi 8 \times 12 \text{mm}$

**Product type and model**



KT82-191 Full overlay

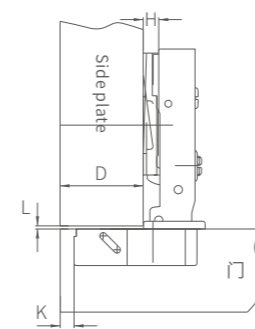


KT82-181 Half overlay



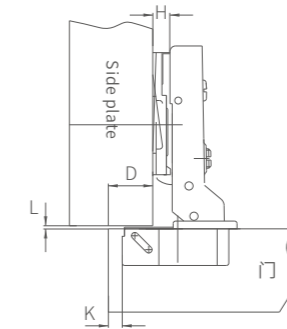
KT82-171 Inset

**Product specification**



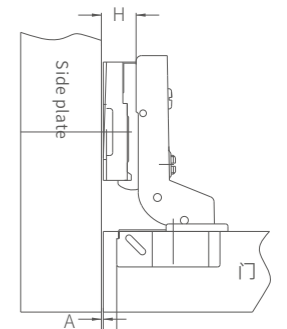
$H = 14 + K - D$

D	K	3	4	5	6	7
		0	17	18	19	20



$H = 4 + K - D$

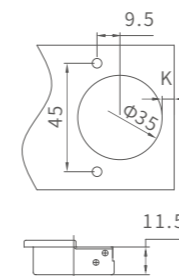
D	K	3	4	5	6	7
		0	7	8	9	10



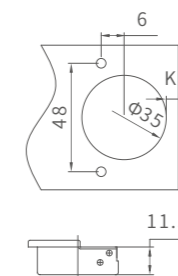
$H = -4 + K + A$

A	K	3	4	5	6	7
		0	1	0	-1	-2

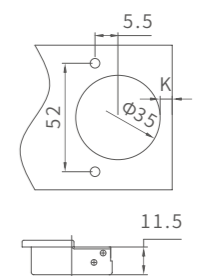
**Drilling hole-distance for hinge cup**



K1



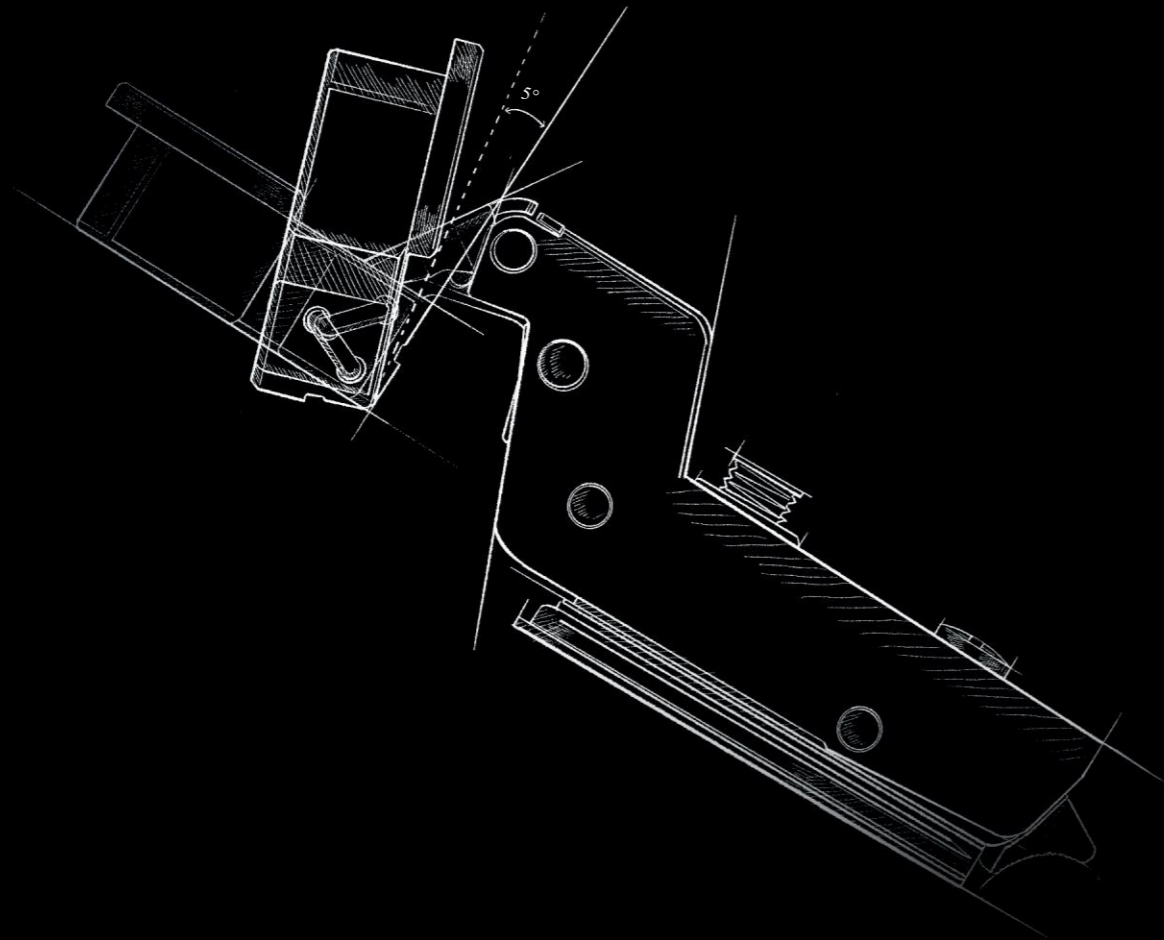
K2



K3

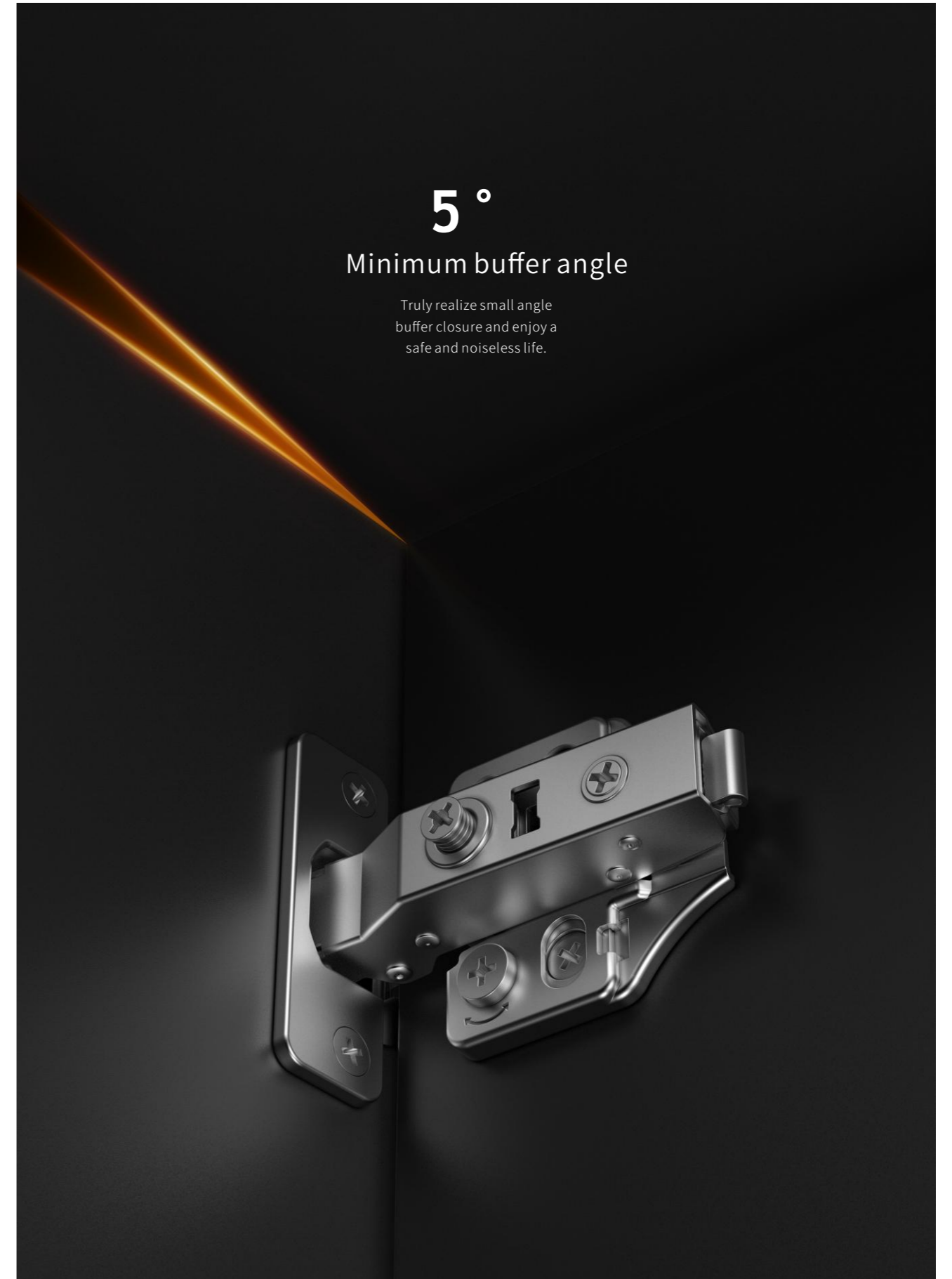
# KT 72

Soft-closing Hinges with  
Small Workable Degree



## Minimum angle

Soft-closing workable degree Minimum 5° close,  
Ensure comfort.



# 5°

Minimum buffer angle

Truly realize small angle  
buffer closure and enjoy a  
safe and noiseless life.



# KL72 Aluminum frame Soft-closing Hinges with Small Workable Degree

One-stage force



## Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$   
 Drilling hole-distance for hinge up on aluminum frame: 28mm  
 Available width of aluminum frame: 19-23mm  
 Soft-closing workable degree Minimum  $5^\circ$   
 Depth adjustment 9mm, Horizontal Adjustment 8mm

## Soft-Closing Tech



Integrated SCT continuously variable speed, Insure opening & closing softly and quietly.



## Product type and model



KT72-291 Full overlay

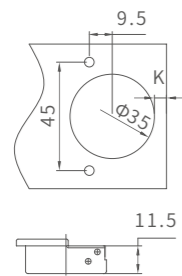


KT72-281 Halfoverlay

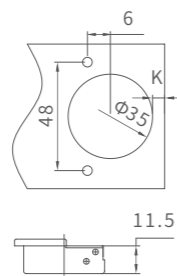


KT72-271 Inset

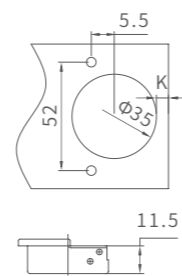
## Drilling hole-distance for hinge cup



K1



K2



K3

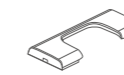
Normal

HINGE SERIES

## Optional Accessory



G01  
Decorative Cover  
Cap for hinge arm



G02  
Cover Cap  
for hinge cup

## Type of Installation

Base Height

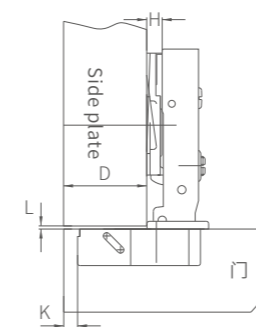
## Type of Screws

<p>A02 Hinge base with 2 holes H=0</p>	<p>S01 Wood screw M4x16mm</p>	<p>S02 Wood screw M4x14mm</p>	
<p>A02E Type 2 Euro base H=0</p>	<p>S03 Euro screw Φ6.3x14mm</p>		
<p>A02Q Type 2 bridge base H=0</p>	<p>S04 Tumbler bolt Φ4x11mm</p>	<p>J05 base dowel Φ5x12mm</p>	<p>J05Q bride dowel Φ5x12mm</p>
<p>A04 Hinge base with 4 holes H=0</p>	<p>S01 Wood screw M4x16mm</p>	<p>S02 Wood screw M4x14mm</p>	

## Type of dowels

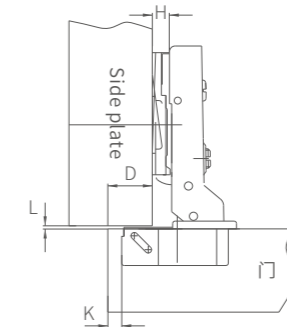
<p>J10 dowel Φ10x12mm</p>	<p>J08 dowel Φ8x12mm</p>	<p>S04 Tumbler bolt Φ4x11mm</p>
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## Product specification



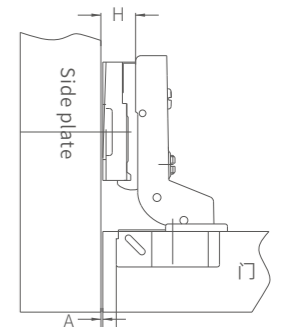
$$H=14+K-D$$

D	H	K	3	4	5	6	7
0			17	18	19	20	21



$$H=4+K-D$$

D	H	K	3	4	5	6	7
0			7	8	9	10	11



$$H=-4+K+A$$

A	H	K	3	4	5	6	7
0			1	0	-1	-2	-3

# KT72 Soft-closing Hinges with Small Workable Degree

Two-stage force Normal

HINGE SERIES



## Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$   
 Dimension of door (K): 3-7mm, Range of door thickness 14-22mm  
 Soft-closing workable degree Minimum  $10^\circ$   
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

## Soft-Closing Tech



Integrated SCT continuously variable speed, Insure opening & closing softly and quietly.



## Product type and model



KT72-292 Full overlay

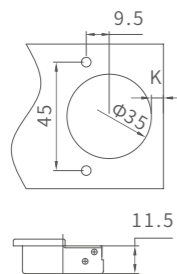


KT72-282 Half overlay

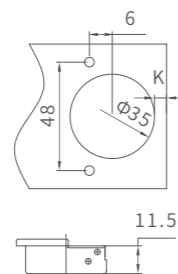


KT72-272 Inset

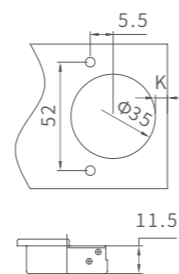
## Drilling hole-distance for hinge cup



K1



K2

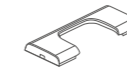


K3

## Optional Accessory



G01  
Decorative Cover  
Cap for hinge arm



G02  
Cover Cap  
for hinge cup

## Type of Installation

Base Height

## Type of Screws



B02  
Hinge base  
with 2 holes

H=0



S01  
Wood screw  
M4x16mm



S02  
Wood screw  
M4x14mm



B02E  
Type 2 Euro base

H=0



S03  
Euro screw  
Φ6.3x14mm



B02Q  
Type 2 bridge base

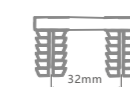
H=0



S04  
Tumbler bolt  
Φ4x11mm



J05  
base dowel  
Φ5x12mm



J05Q  
bride dowel  
Φ5x12mm



B04  
Hinge base  
with 4 holes

H=0



S01  
Wood screw  
M4x16mm



S02  
Wood screw  
M4x14mm



C04  
3D base

H=0



S01  
Wood screw  
M4x16mm



S02  
Wood screw  
M4x14mm

## Type of dowels



J10 dowel  
Φ10x12mm

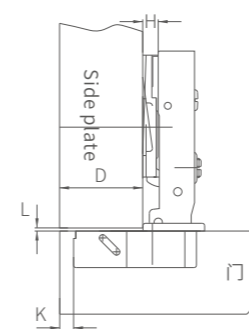


J08 dowel  
Φ8x12mm



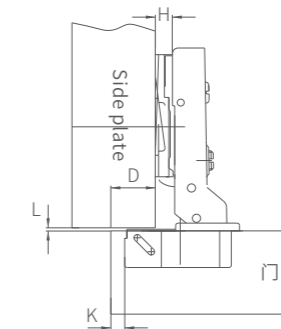
S04  
Tumbler bolt  
Φ4x11mm

## Product specification



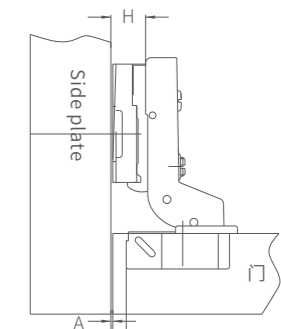
$$H=14+K-D$$

D	H	K	3	4	5	6	7
0	17	18	19	20	21		



$$H=4+K-D$$

D	H	K	3	4	5	6	7
0	7	8	9	10	11		



$$H=-4+K+A$$

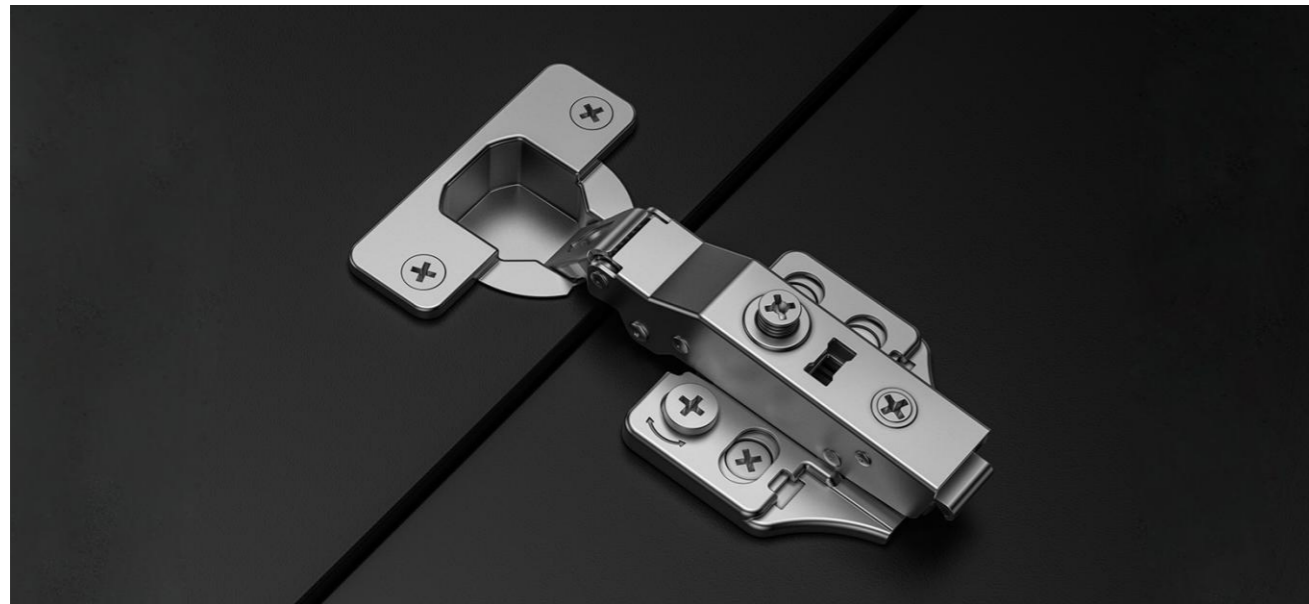
A	H	K	3	4	5	6	7
0	1	0	-1	-2	-3		



# KT72 Soft-closing Hinges with Small Workable Degree

Two-stage force Clip-on 3D adjustment

HINGE SERIES



## Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$ , Soft-closing workable degree Minimum  $10^\circ$   
 Clip-on base  
 Dimension of door (K): 3-7mm, Range of door thickness 14-22mm  
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

## Soft-Closing Tech



Integrated SCT continuously variable speed, Insure opening & closing softly and quietly.



## Product type and model

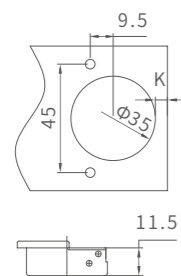


KT72-293 Full overlay

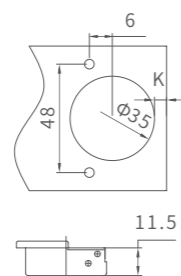
KT72-283 Half overlay

KT72-273 Inset

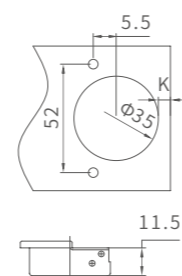
## Drilling hole-distance for hinge cup



K1



K2



K3

## Optional Accessory



G01  
Decorative Cover Cap for hinge arm



G02  
Cover Cap for hinge cup

## Type of Installation

Base Height

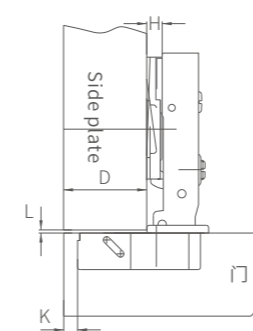
## Type of Screws

 B02 Hinge base with 2 holes H=0	 S01 Wood screw M4x16mm	 S02 Wood screw M4x14mm
 B02E Type 2 Euro base H=0	 S03 Euro screw Φ6.3x14mm	
 B02Q Type 2 bridge base H=0	 S04 Tumbler bolt Φ4x11mm	 J05 base dowel Φ5 × 12mm
 B04 Hinge base with 4 holes H=0	 S01 Wood screw M4x16mm	 S02 Wood screw M4x14mm
 C04 3D base H=0	 S01 Wood screw M4x16mm	 S02 Wood screw M4x14mm

## Type of dowels

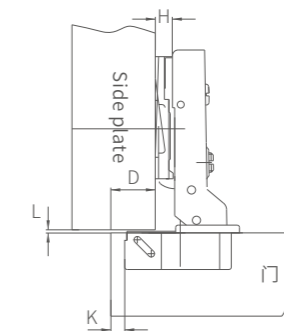
 J10 dowel Φ10 × 12mm	 J08 dowel Φ8 × 12mm	 S04 Tumbler bolt Φ4x11mm
-----------------------------	----------------------------	------------------------------------

## Product specification



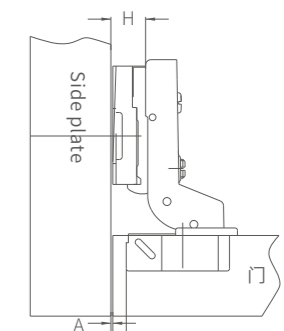
$$H=14+K-D$$

D	H	K	3	4	5	6	7
0	17	18	19	20	21		



$$H=4+K-D$$

D	H	K	3	4	5	6	7
0	7	8	9	10	11		

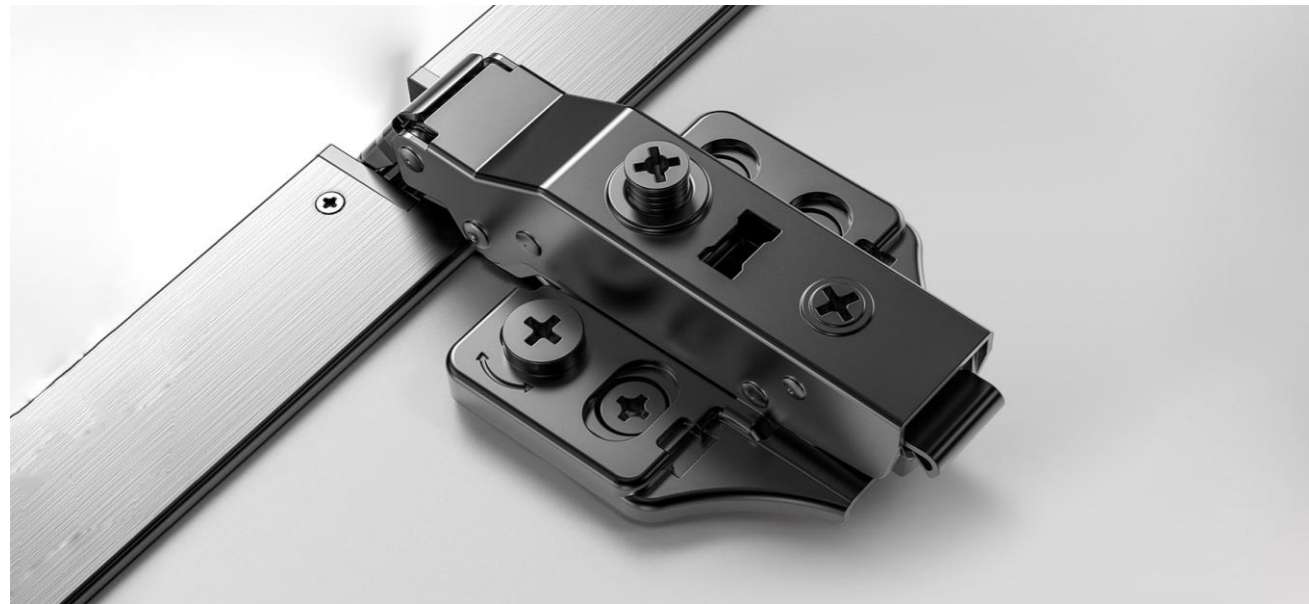


$$H=-4+K+A$$

A	H	K	3	4	5	6	7
0	1	0	-1	-2	-3		

# KL72 Aluminum frame Soft-closing Hinges with Small Workable Degree

Two-stage force



## Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $103 \pm 2^\circ$   
 Drilling hole-distance for hinge up on aluminum frame: 28mm, Available width of aluminum frame: 19-23mm  
 Soft-closing workable degree Minimum  $10^\circ$   
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

## Soft-Closing Tech



Integrated SCT continuously variable speed, Insure opening & closing softly and quietly.



## Product type and model



KL72-291 Full overlay

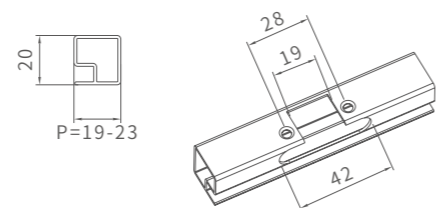
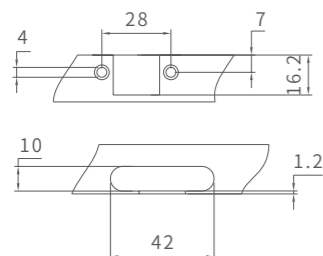


KL72-281 Half overlay



KL72-271 Inset

## Drilling hole-distance for hinge cup

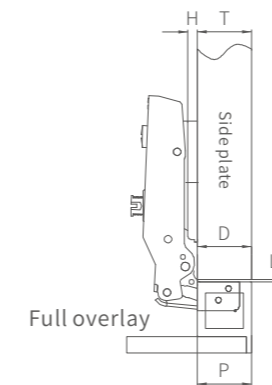


Normal

HINGE SERIES

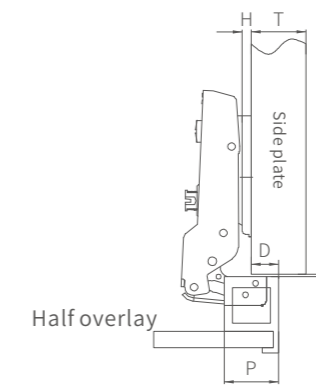
Optional Accessory			
G01 Decorative Cover Cap for hinge arm		G02 Cover Cap for hinge cup	
		Gun color plated	
		Electroplated nickel plating	
Type of Installation	Base Height	Type of Screws	
	A02 Hinge base with 2 holes H=0	S01 Wood screw M4x16mm	S02 Wood screw M4x14mm
	A02E Type 2 Euro base H=0	S03 Euro screw $\Phi 6.3 \times 14 \text{mm}$	
	A02Q Type 2 bridge base H=0	S04 Tumbler bolt $\Phi 4 \times 11 \text{mm}$	J05 base dowel $\Phi 5 \times 12 \text{mm}$
	A04 Hinge base with 4 holes H=0	S01 Wood screw M4x16mm	S02 Wood screw M4x14mm
			S04 Screw for aluminum frame

## Product specification



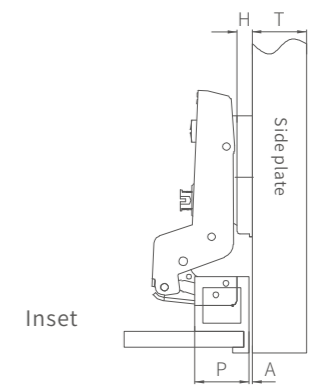
$$H = 14 + K - D$$

D	K	3	4	5	6	7
H		0	17	18	19	20



$$H = 4 + K - D$$

D	K	3	4	5	6	7
H		0	7	8	9	10



$$H = -4 + K + A$$

A	K	3	4	5	6	7
H		0	1	0	-1	-2



Product type and model

Product type and model



KL72-292 Full overlay

KL72-282 Half overlay

KL72-272 Inset

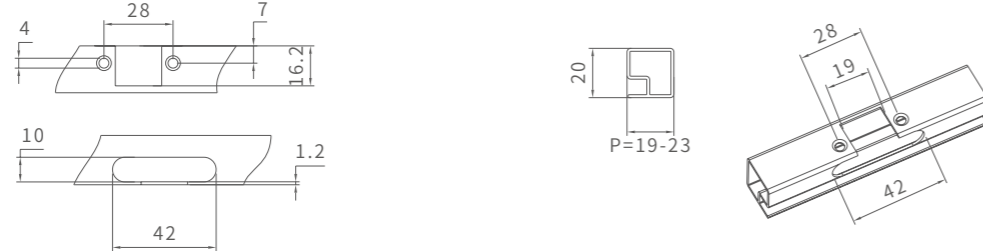


KL72-293 Full overlay

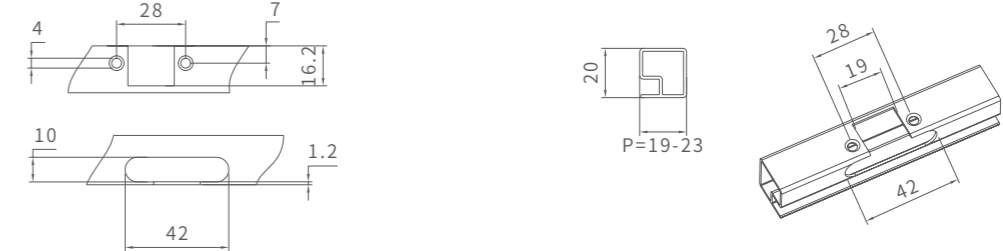
KL72-283 Half overlay

KL72-273 Inset

Drilling hole-distance for hinge cup



Drilling hole-distance for hinge cup

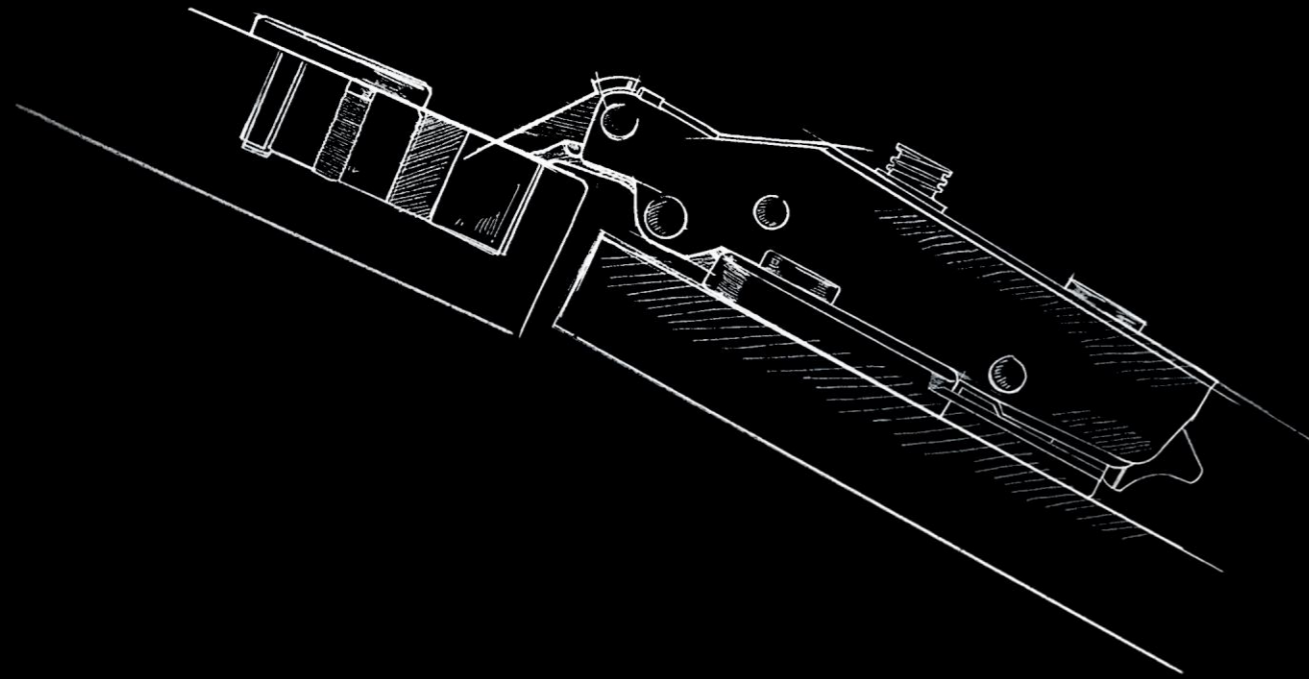


Optional Accessory	
G01 Decorative Cover Cap for hinge arm G02 Cover Cap for hinge cup Gun color plated Electroplated nickel plating	
Type of Installation Base Height	Type of Screws
B02 Hinge base with 2 holes H=0	S01 Wood screw M4x16mm S02 Wood screw M4x14mm S04 Screw for aluminum frame
B02E Type 2 Euro base H=0	S03 Euro screw Φ6.3x14mm
B02Q Type 2 bridge base H=0	S04 Tumbler bolt Φ4x11mm J05 base dowel Φ5x12mm J05Q bride dowel Φ5x12mm
B04 Hinge base with 4 holes H=0	S01 Wood screw M4x16mm S02 Wood screw M4x14mm S04 Screw for aluminum frame
C04 3D base H=0	S01 Wood screw M4x16mm S02 Wood screw M4x14mm S04 Screw for aluminum frame

Optional Accessory	
G01 Decorative Cover Cap for hinge arm G02 Cover Cap for hinge cup Gun color plated Electroplated nickel plating	
Type of Installation Base Height	Type of Screws
B02 Hinge base with 2 holes H=0	S01 Wood screw M4x16mm S02 Wood screw M4x14mm S04 Screw for aluminum frame
B02E Type 2 Euro base H=0	S03 Euro screw Φ6.3x14mm
B02Q Type 2 bridge base H=0	S04 Tumbler bolt Φ4x11mm J05 base dowel Φ5x12mm J05Q bride dowel Φ5x12mm
B04 Hinge base with 4 holes H=0	S01 Wood screw M4x16mm S02 Wood screw M4x14mm S04 Screw for aluminum frame
C04 3D base H=0	S01 Wood screw M4x16mm S02 Wood screw M4x14mm S04 Screw for aluminum frame

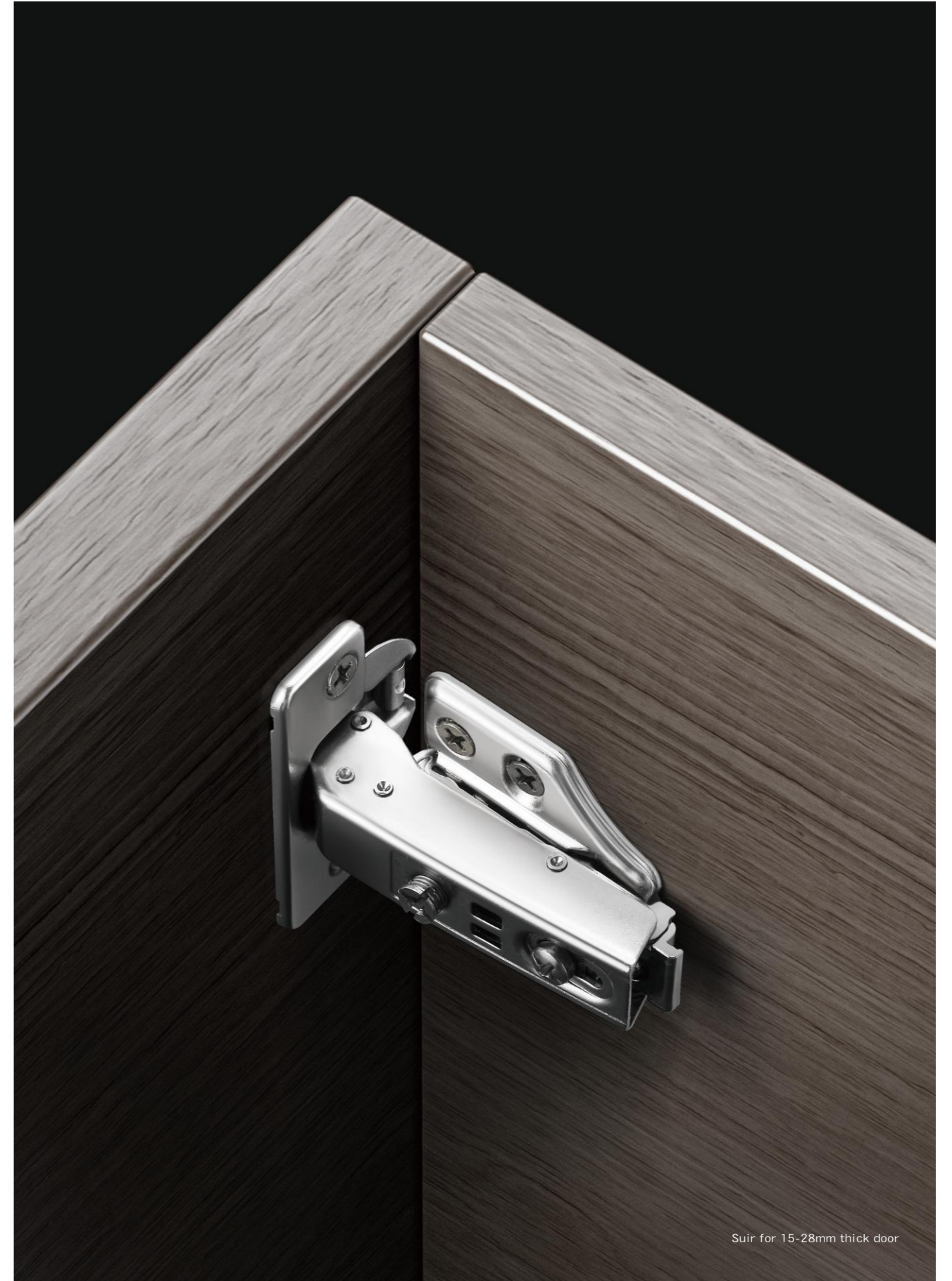
# KT 76

KC76 Soft-closing  
Hinges for Thick Doors



## Thick door panel

Special design for thick doors, with thickened hinge base and better quality hinge cup, Improved the a lot on stability between hing and door , higher capability,Hinges and door connected steadily.



Suir for 15-28mm thick door



# Kt76 Soft-closing Hinges for Thick Doors

Two-stage force Normal

HINGE SERIES



## Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $95 \pm 2^\circ$   
 Dimension of door (K): 3-7mm  
 Range of door thickness: 15-28mm  
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

## Soft-Closing Tech



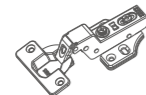
Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



## Standard Configuration



S01  
Wood screw x12PCS  
M4x16mm

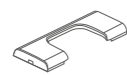


2PCS  
Soft-closing hinges

## Optional Accessory



G01  
Decorative Cover Cap for hinge arm



G02  
Cover Cap for hinge cup



A02  
Hinge base with 2 holes



A04  
Hinge base with 4 holes



S02  
Wood screw  
M4x14mm



S03  
Euro screw  
 $\Phi 6.3 \times 14$ mm



J10 dowel  
 $\Phi 10 \times 12$ mm



J08 dowel  
 $\Phi 8 \times 12$ mm

## Product type and model



KC76-291 Full overlay

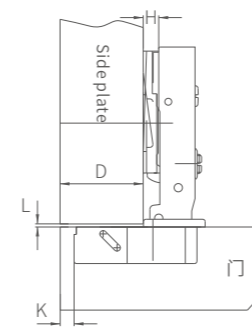


KC76-281 Half overlay



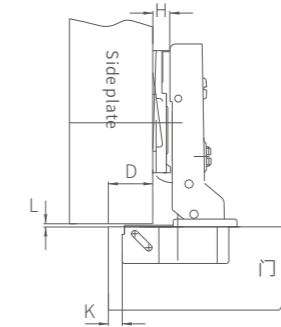
KC76-271 Inset

## Product specification



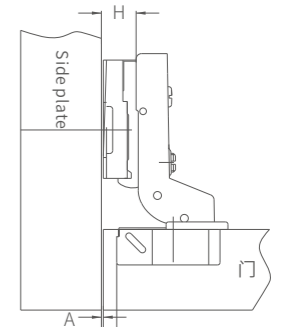
$$H = 14 + K - D$$

D	K	3	4	5	6	7	8	
H		0	17	18	19	20	21	22



$$H = 4 + K - D$$

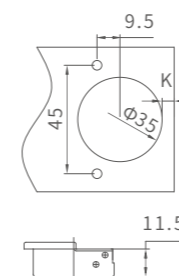
D	K	3	4	5	6	7	8	
H		0	7	8	9	10	11	12



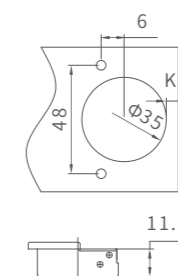
$$H = -4 + K + A$$

A	K	3	4	5	6	7	8	
H		0	1	0	-1	-2	-3	-4

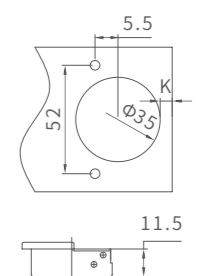
## Drilling hole-distance for hinge cup



K1



K2



K3

# Kt76 Soft-closing Hinges for Thick Doors

Two-stage force Clip-on

HINGE SERIES



## Product introduction

Thickness of hinge cup: 11.5mm  
 Open degree:  $95 \pm 2^\circ$   
 Clip-on base  
 Dimension of door (K): 3-7mm, Range of door thickness 15-28mm  
 Steady & Anti-shake  
 Depth adjustment 9mm, Horizontal Adjustment 8mm

## Soft-Closing Tech



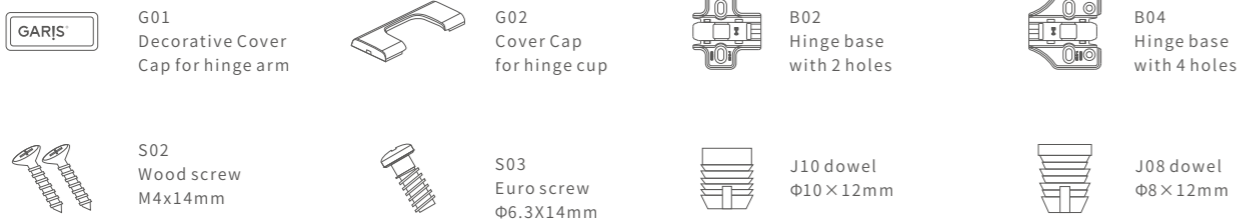
Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



## Standard Configuration



## Optional Accessory



## Product type and model



KC76-292 Full overlay

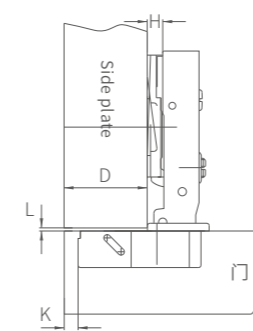


KC76-282 Half overlay



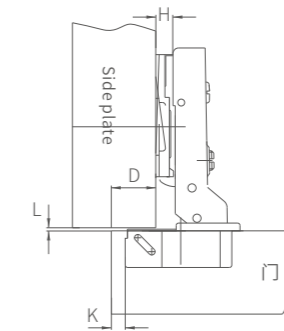
KC76-272 Inset

## Product specification



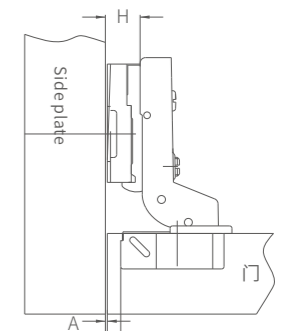
$$H=14+K-D$$

D	K	3	4	5	6	7	8	
H		0	17	18	19	20	21	22



$$H=4+K-D$$

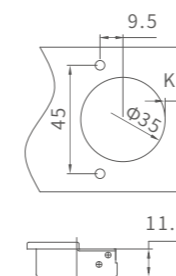
D	K	3	4	5	6	7	8	
H		0	7	8	9	10	11	12



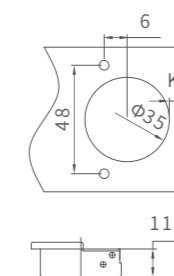
$$H=-4+K+A$$

A	K	3	4	5	6	7	8	
H		0	1	0	-1	-2	-3	-4

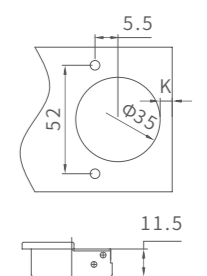
## Drilling hole-distance for hinge cup



K1



K2

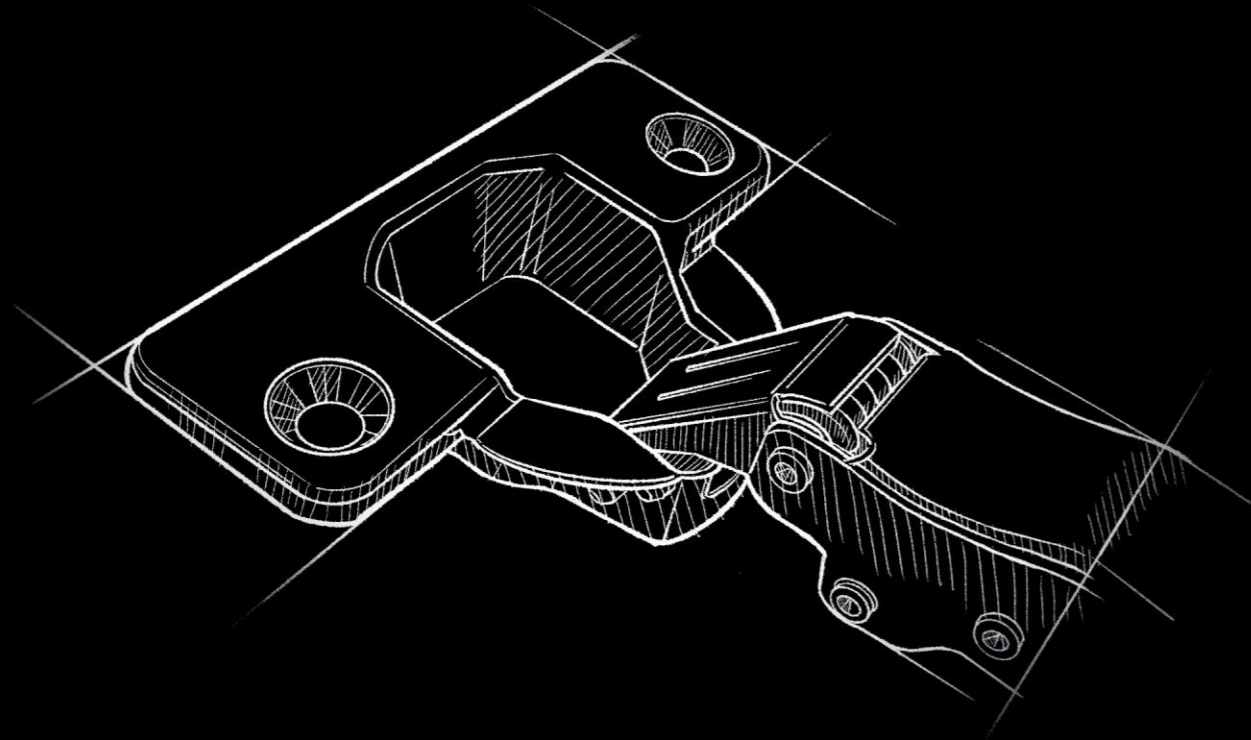


K3



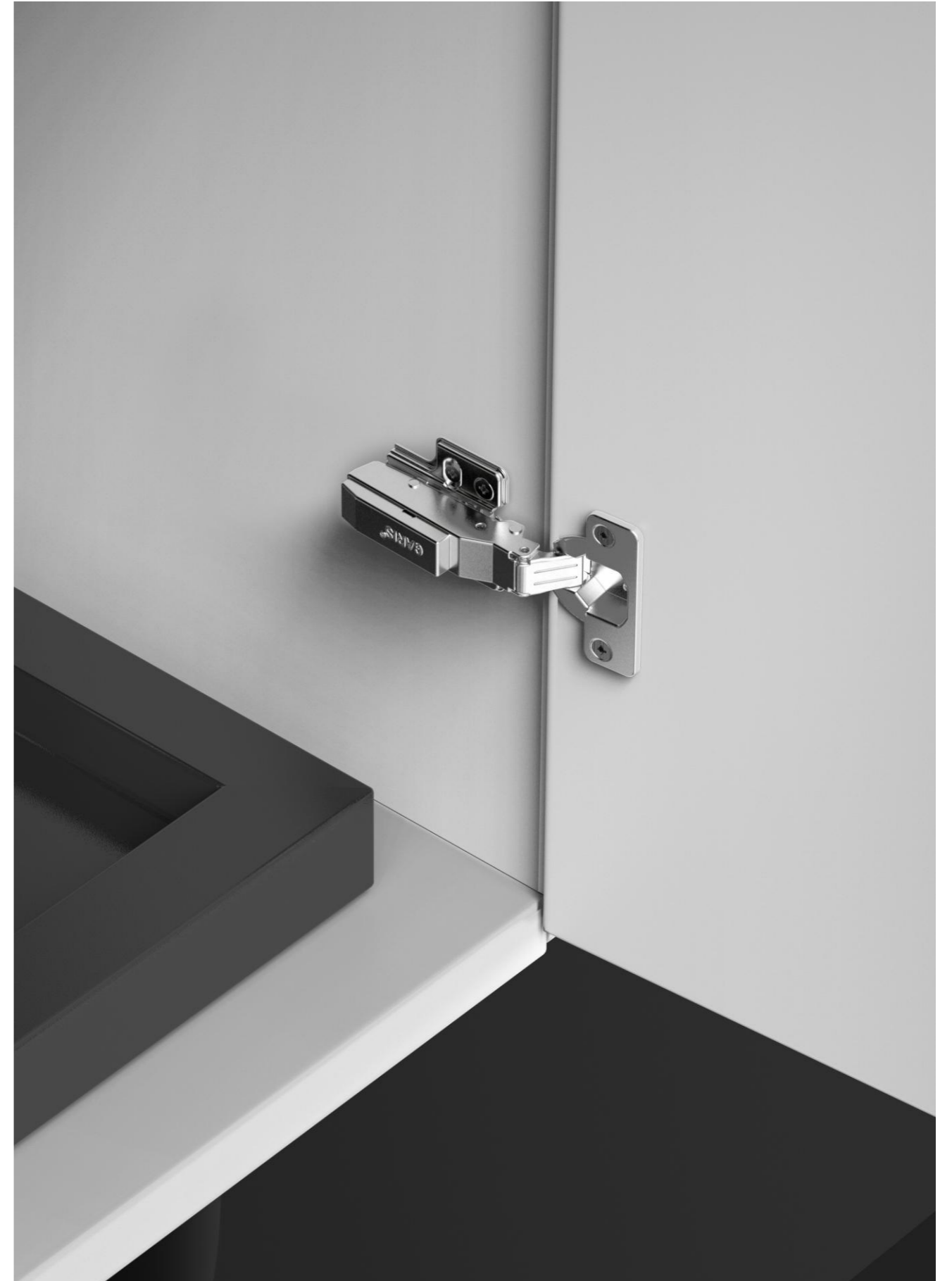
# KS 304

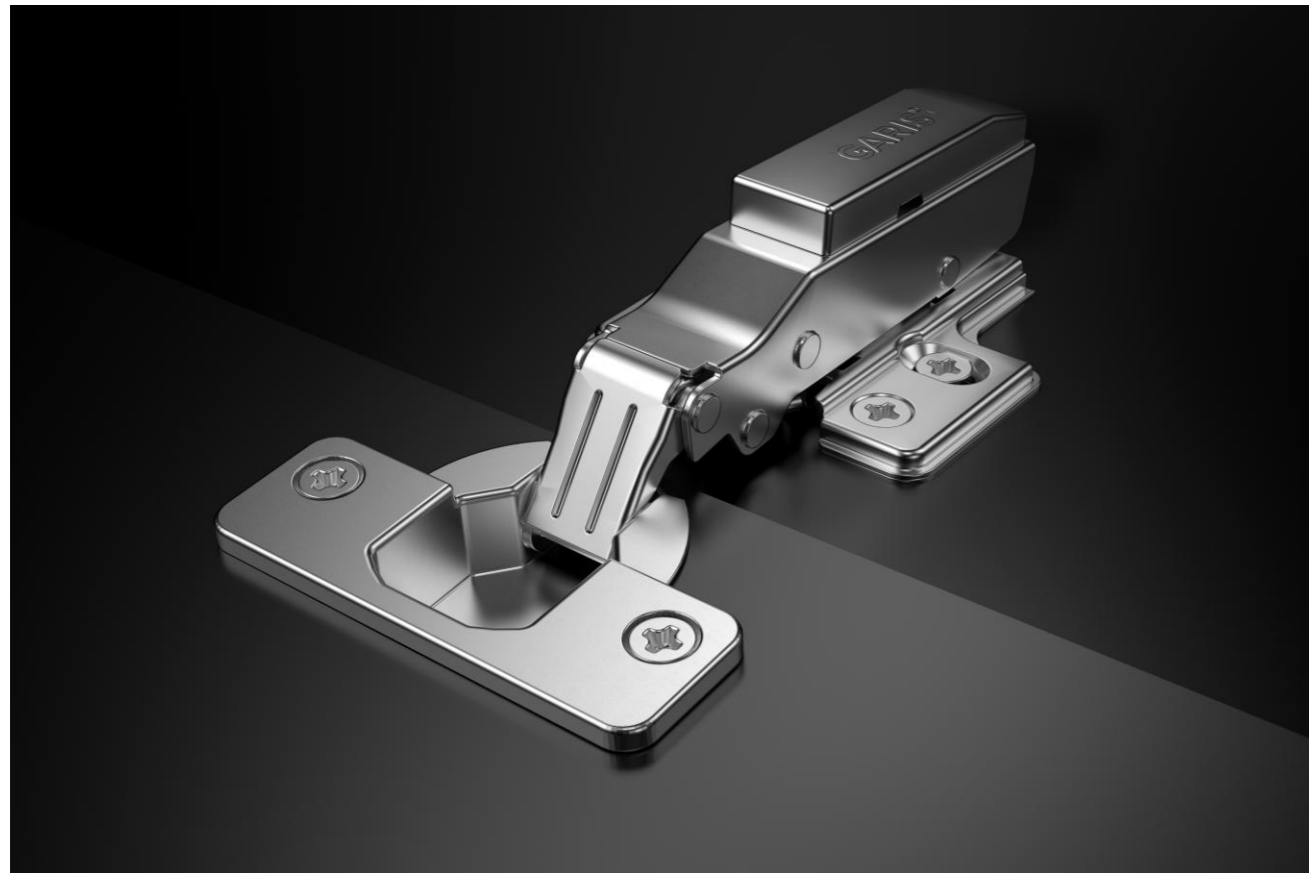
Stainless Steel  
Soft-closing Hinges



## Stainless steel

Precision casting thickened stainless steel,  
With excellent anti-corrosion ability,  
Suit well for moist home space such as Kitchen and bath room .





**Product introduction**

Open degree:  $103 \pm 2^\circ$   
 Dimension of door (K): 3-7mm  
 Material of hinge cup: 0.7mm SUS304 stainless steel  
 Material of hinge arm: 1.0mm SUS304 stainless steel  
 Material of hinge base: 1.0mm SUS304 stainless steel

**Soft-Closing Tech**



Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



**Standard Configuration**



**Optional Accessory**



**Product type and model**



KS304-191 Full overlay

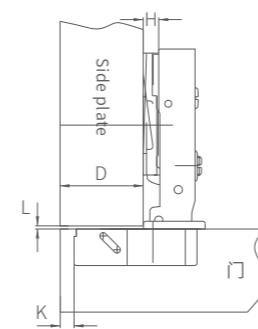


KS304-181 Half overlay



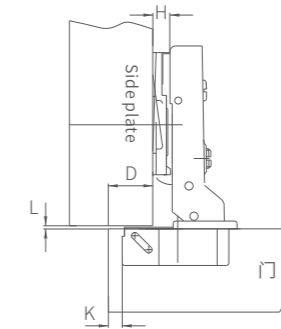
KS304-171 Inset

**Product specification**



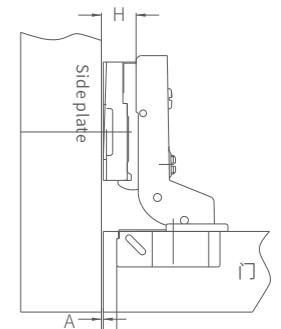
$H=14+K-D$

D \ K	3	4	5	6	7	
H	0	17	18	19	20	21



$H=4+K-D$

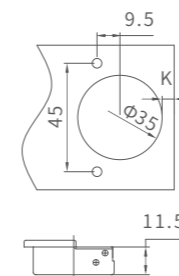
D \ K	3	4	5	6	7	
H	0	7	8	9	10	11



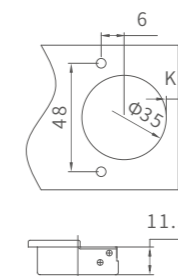
$H=-4+K+A$

A \ K	3	4	5	6	7	
H	0	1	0	-1	-2	-3

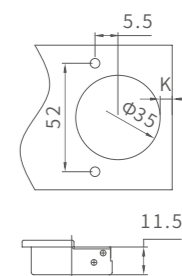
**Drilling hole-distance for hinge cup**



K1



K2



K3

Product type and model



KS304-192 Full overlay

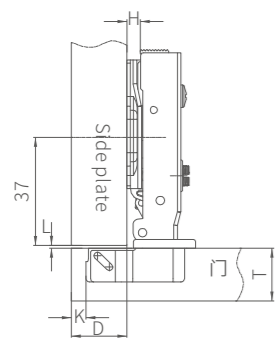


KS304-182 Half overlay



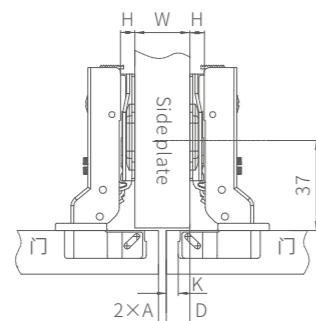
KS304-172 Inset

Product specification



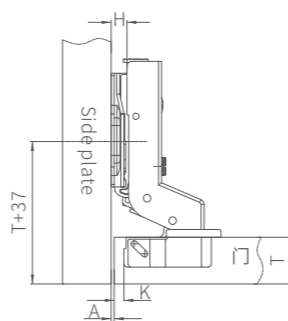
$H=14+K-D$

D	H	K	3	4	5	6	7
0	17	18	19	20	21		



$H=4+K-D$

D	H	K	3	4	5	6	7
0	7	8	9	10	11		



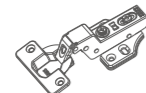
$H=-4+K+A$

A	H	K	3	4	5	6	7
0	1	0	-1	-2	-3		

Standard Configuration



S01  
Wood screw x10PCS  
M4x16mm



2PCS  
Soft-closing hinges

Optional Accessory



G01  
Decorative Cover  
Cap for hinge arm



J10 dowel  
Φ10×12mm



J08 dowel  
Φ8×12mm

Product type and model



KS304-193 Full overlay

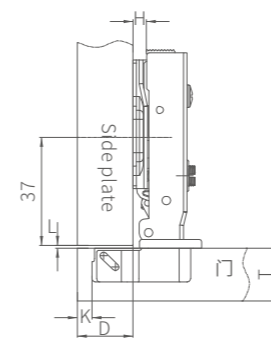


KS304-183 Half overlay



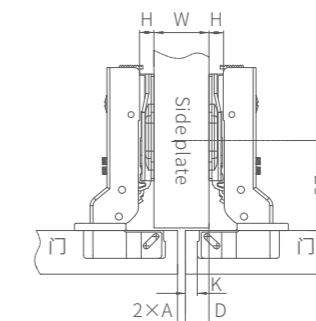
KS304-173 大弯

Product specification



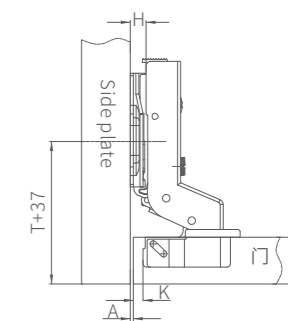
$H=14+K-D$

D	H	K	3	4	5	6	7
0	17	18	19	20	21		



$H=4+K-D$

D	H	K	3	4	5	6	7
0	7	8	9	10	11		



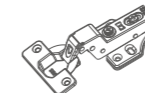
$H=-4+K+A$

A	H	K	3	4	5	6	7
0	1	0	-1	-2	-3		

Standard Configuration



S01  
Wood screw x10PCS  
M4x16mm



2PCS  
Soft-closing hinges

Optional Accessory



G01  
Decorative Cover  
Cap for hinge arm

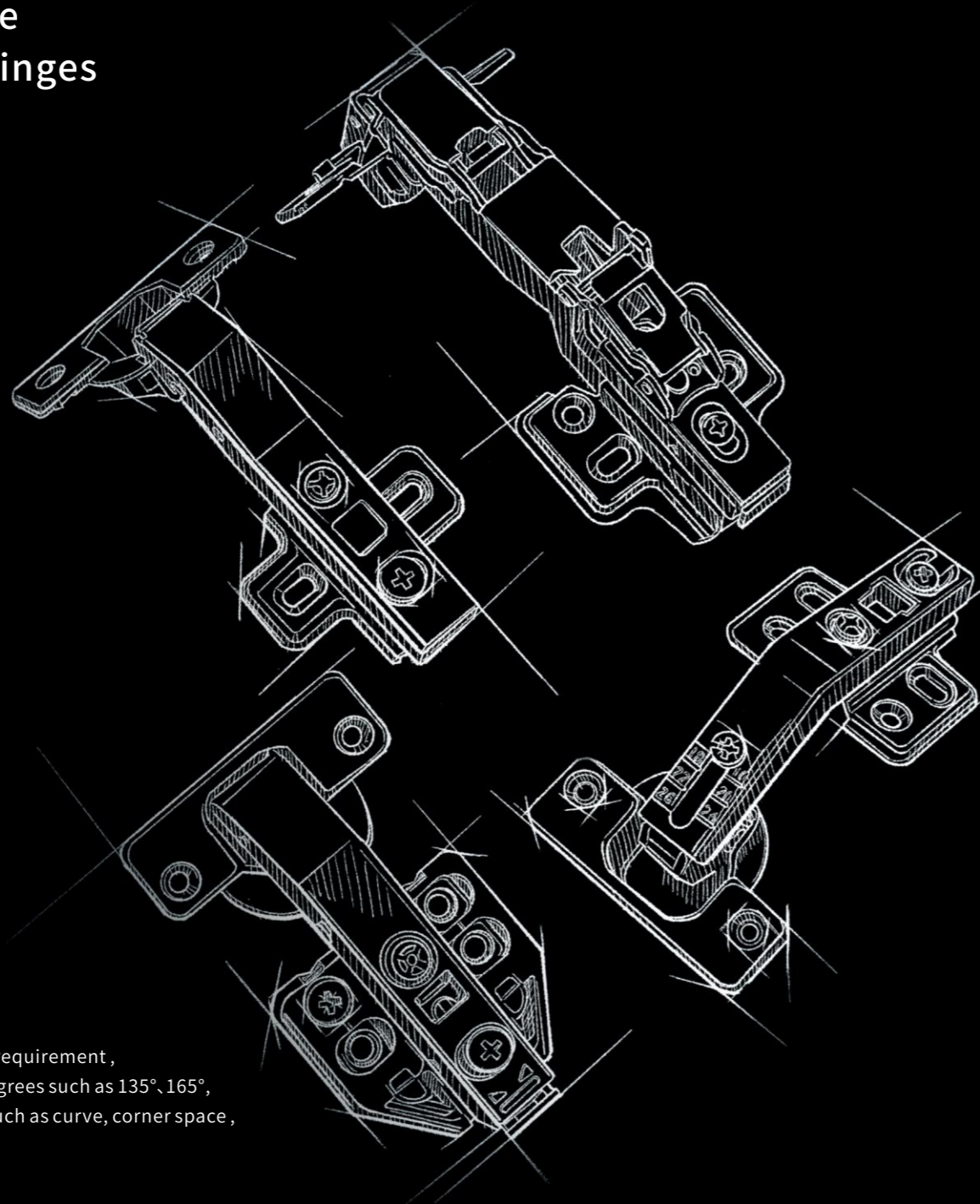


J10 dowel  
Φ10×12mm

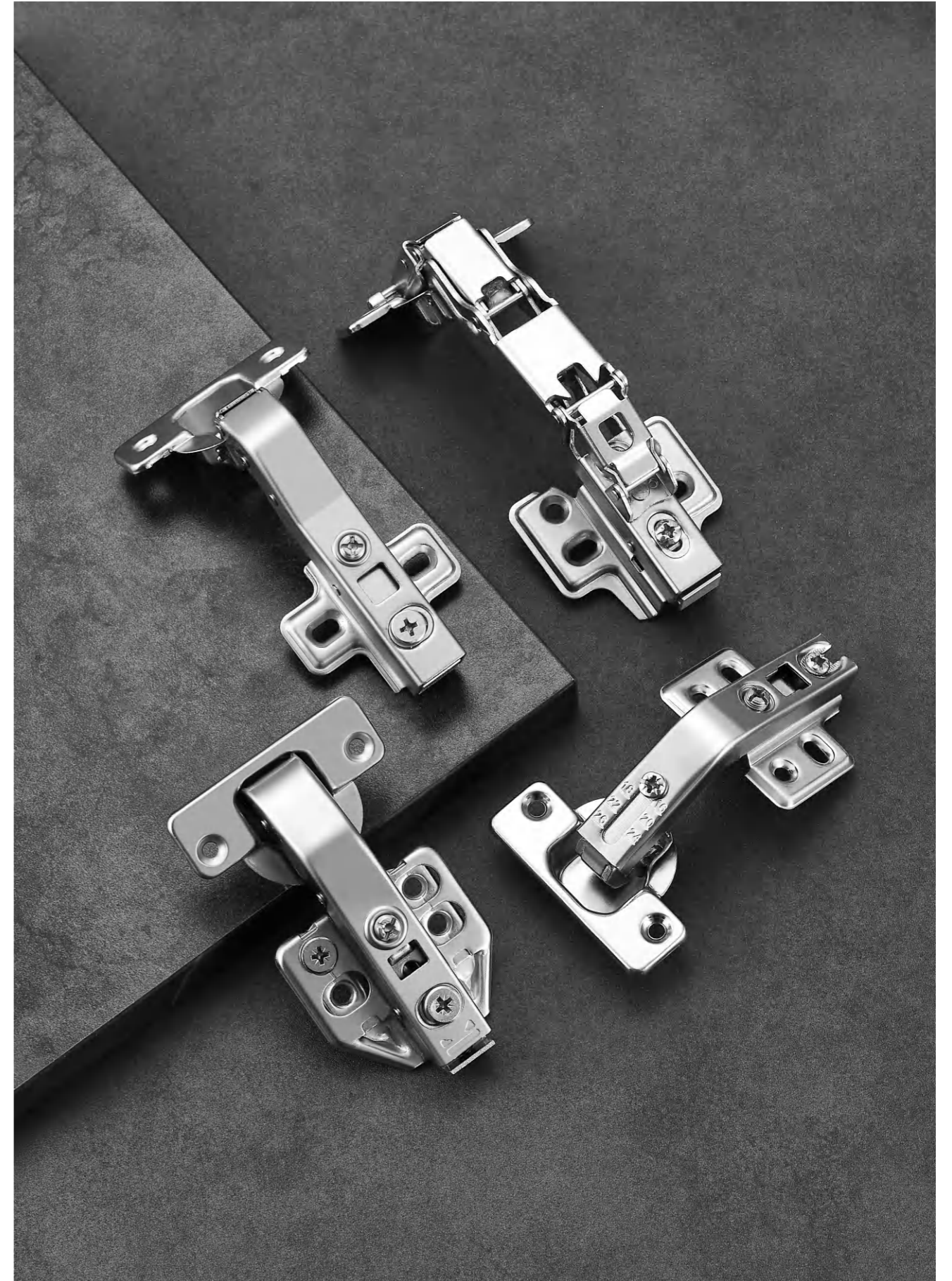


J08 dowel  
Φ8×12mm



**GT****Special degree  
Soft-closing Hinges****Special  
angle**

Designed for special degree requirement,  
offer solution for different degrees such as 135°, 165°,  
Suit well for different cases such as curve, corner space,  
Enjoy your magical space.







**Product introduction**

Open degree: 165-6°  
 Closing angle: 87° ± 2°  
 3D adjustment  
 Dimension of door (K): 3-7mm, Range of door thickness: 14mm-26mm  
 Material: 1.8mm thick steel  
 Clearance adjustment range: -1.9mm/+1.9mm

**Soft-Closing Tech**



Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



**Standard Configuration**



S01  
 Wood screw x12PCS  
 M4x16mm



2PCS  
 165° Soft-closing hinges

**Product type and model**



GT165-093 Full overlay

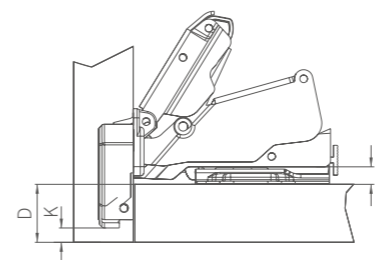


GT165-083 Half overlay



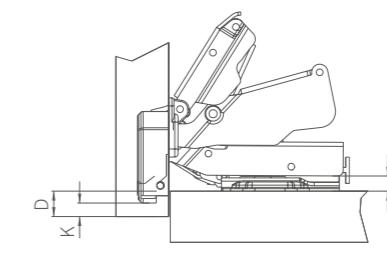
GT165-073 Inset

**Product specification**



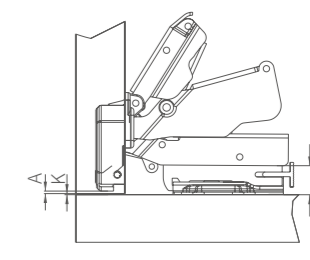
$$H=14+K-D$$

D	K	3	4	5	6	7
		0	17	18	19	20



$$H=4+K-D$$

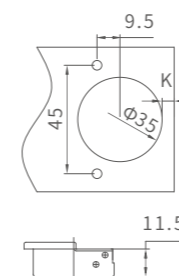
D	K	3	4	5	6	7
		0	7	8	9	10



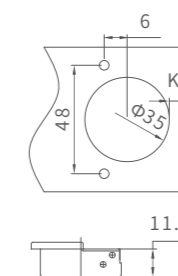
$$H=-4+K+A$$

A	K	3	4	5	6	7
		0	1	0	-1	-2

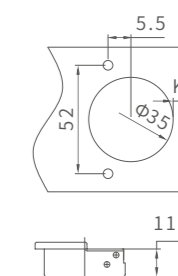
**Drilling hole-distance for hinge cup**



K1



K2



K3



**Product introduction**

Open degree: 135-6°, match with 165° hinges  
 Range of door thickness: 14mm-22mm  
 Dimension of door (K): 3-7mm  
 Material: Zinc alloy, Nickel plated  
 Clip-on type available  
 3D adjustment type available

**Soft-Closing Tech**



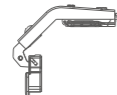
Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



**Standard Configuration**



S01  
 Wood screw x12PCS  
 M4x16mm



2PCS  
 135° Soft-closing hinges

**Product type and model**

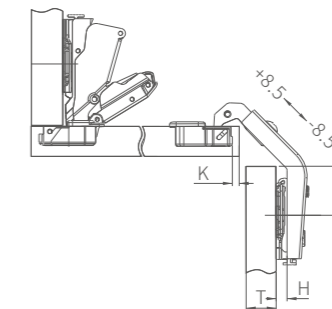
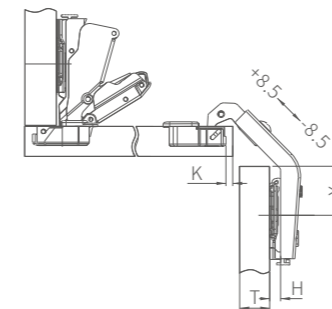


GT135-Clip-on type



GT135-Clip-on

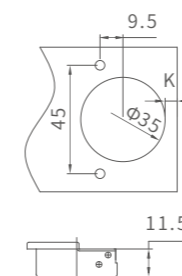
**Product specification**



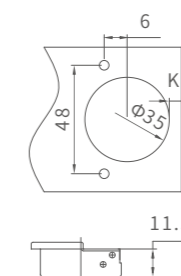
D	Door Thickness < 18mm	22mm > Door Thickness < 18mm
H	2mm	0mm
X	37mm	37mm

D	Door Thickness < 18mm	22mm > Door Thickness < 18mm
H	2mm	0mm
X	37mm	37mm

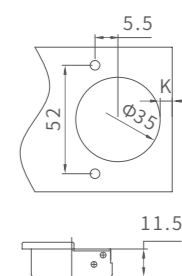
**Drilling hole-distance for hinge cup**



K1



K2



K3





**Product introduction**

Open degree: 100°  
 Closing angle: +90°  
 Range of door thickness: 14mm-22mm  
 Dimension of door (K): 4-5mm  
 3D adjustment type available  
 Material: Steel / alloy, Nickel plated

**Soft-Closing Tech**



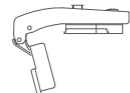
Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



**Standard Configuration**



S01  
 Wood screw x12PCS  
 M4x16mm



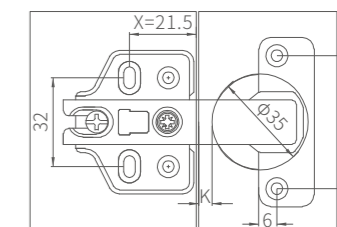
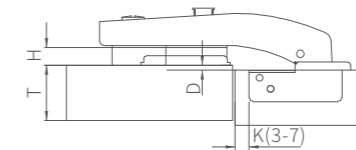
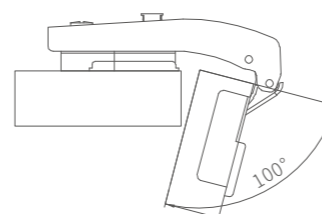
2PCS  
 90° Soft-closing hinges

**Product type and model**



GT90

**Product specification**

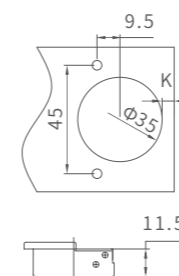


$H=14+K-D$

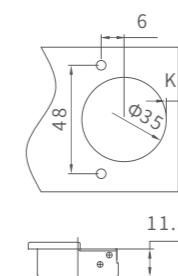
X	D	K	4	5
0	20	3	19	3
2	20	1	19	1
4	20	-1	19	-1

D adjustment range: -2.5~2.5  
 L adjustment range: -2.5~+3  
 H: Base height  
 D: Side plate cover  
 X: Drilling distance of the base on the Side plate  
 K: Drilling distance from door panel to hinge cup

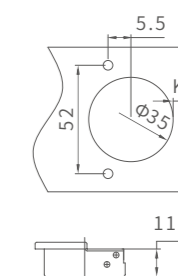
**Drilling hole-distance for hinge cup**



K1



K2



K3



**Product introduction**

Open degree: 100°  
 Closing angle: +45°  
 Range of door thickness: 14mm-22mm  
 Dimension of door (K): 4-7mm  
 3D adjustment type available  
 Material: Steel / alloy, Nickel plated

**Soft-Closing Tech**



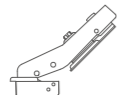
Integrated SCT continuously variable speed, insure opening & closing softly and quietly.



**Standard Configuration**

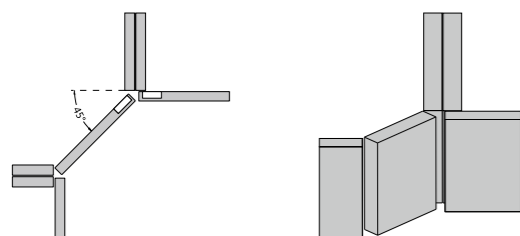


S01  
 Wood screw x12PCS  
 M4x16mm



2PCS  
 45° Soft-closing hinges

**Application scenario**

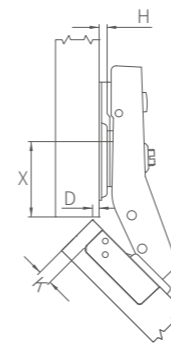


**Product type and model**



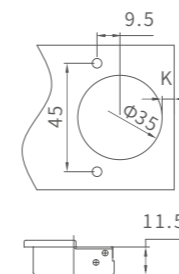
GT45

**Product specification**

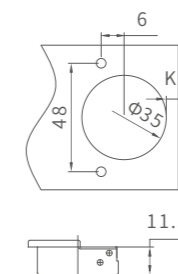


X	D	K	4	5	6	7
H			37	36	35	34
			3	4	5	6

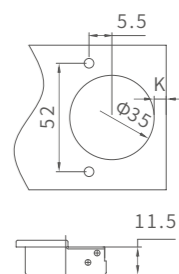
**Drilling hole-distance for hinge cup**



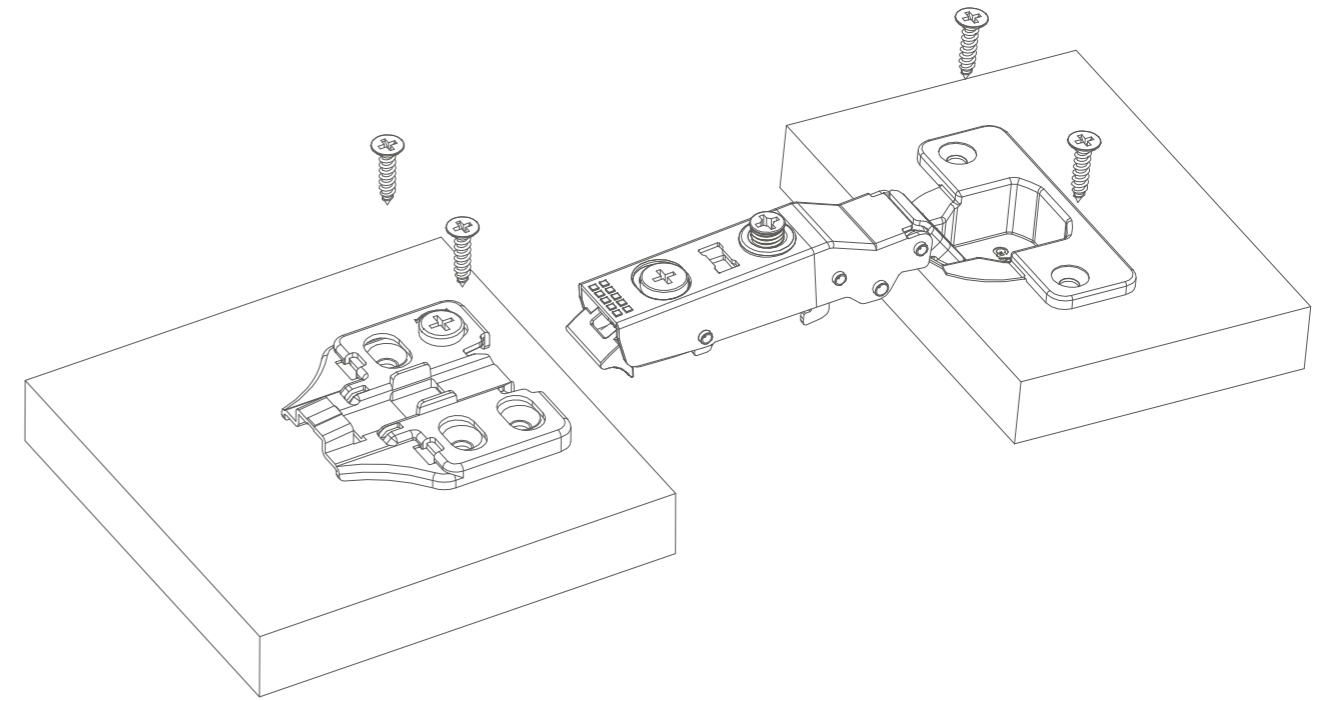
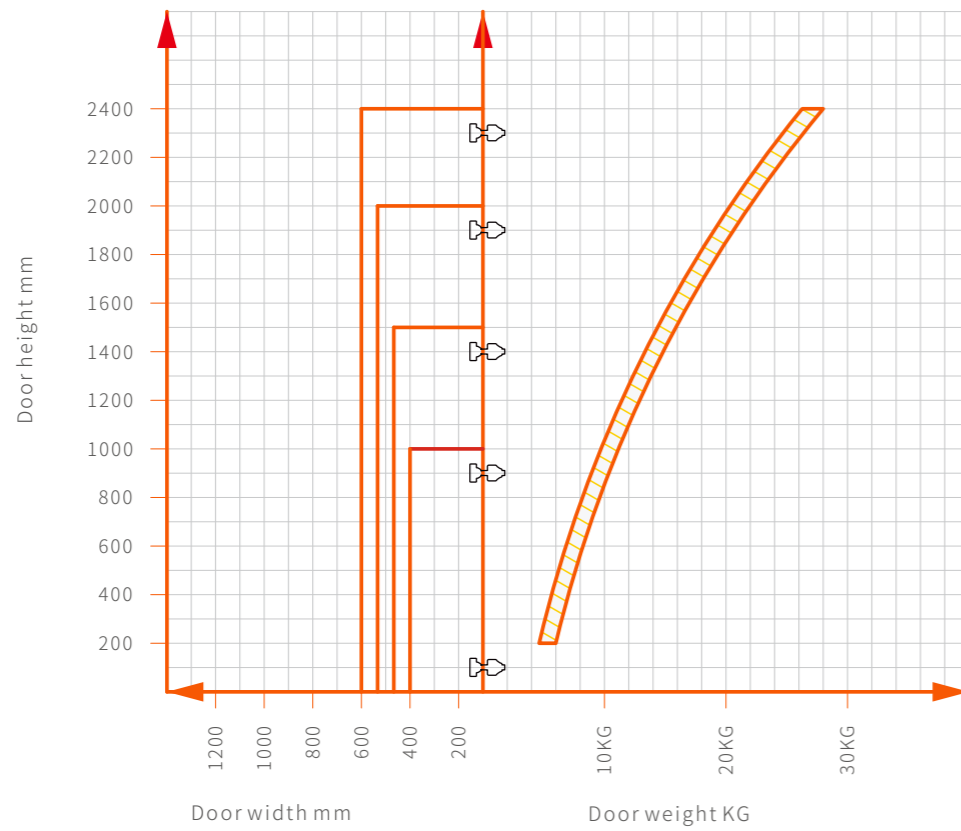
K1



K2



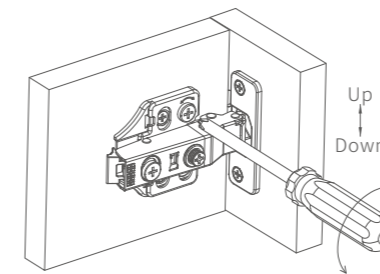
K3



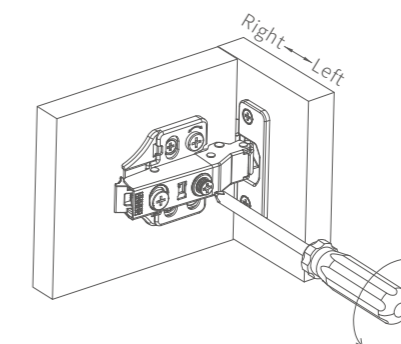
Hinge weight capability and door weight matching list

No.	Board material	Density(Kg/m <sup>3</sup> )	Calculate door weight			
01	Solid wood (Walnut)	1000Kg/m <sup>3</sup>	1. Door weight=(H×W×D)×P KG/M3 ; 2. Eg: ① standard wardrobe door(walnut): Size: 2000×500×18mm(mm) Weight: {2×0.5×0.018m(M)} ×1000Kg/m3=18Kg ② Standard kitchen door (walnut) : Size: 600x500x18mm(mm) Weight: {0.6×0.5×0.018m(M)} ×1000Kg/m3=5.4Kg ③ Standard glass thickness:5mm Size: 600×500×5mm(mm) weight: (0.6×0.5)×12.5Kg/m <sup>2</sup> =2.8Kg			
02	High density fiber board	840Kg/m <sup>3</sup>				
03	Plywood	840Kg/m <sup>3</sup>				
04	Middle density fiber board (MDF)	730Kg/m <sup>3</sup>				
05	Chipboard (particle board)	650Kg/m <sup>3</sup>				
06	particle board	650Kg/m <sup>3</sup>				
07	Aluminum	1000Kg/m <sup>3</sup>				
08	Glass	Thick5mm	Thick6mm	Thick8mm	Thick10mm	
		12.5Kg/m <sup>2</sup>	15Kg/m <sup>2</sup>	20Kg/m <sup>2</sup>	25Kg/m <sup>2</sup>	

Door vertical adjustment



Door horizontal adjustment



Door depth

