

HINGE SERIES

Sufficient reasons for choosing kav hinges:excellent quality, simple installation, comprehensive product range,various solutions, utstanding designs, and damping systems created for perfect motion of furniture doors, Each reason is bound to convince you on kav products



S3AH

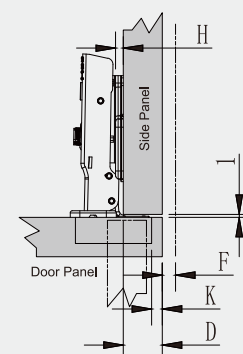
Two way small angle soft close hinge
(for 14-25mm door)

Door thickness:14-25mm
Maximum cover position: D=20
Opening angle: 95°
Plate: Fixed plate
Main material: Cold-rolled steel
Depth of hinge cup:12mm
Dia.of hinge cup:35mm
Finish: Nickel Plated , Titanium



Full overlay

Item No. S3AH09

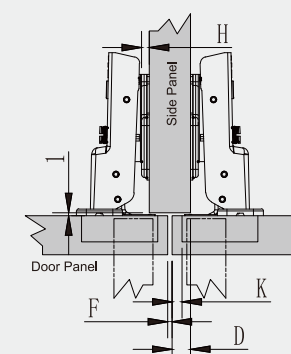


Hinge overlay calculation

D	K	3	4	5	6	7
0	16	17	18	19	20	

Half overlay

Item No. S3AH08

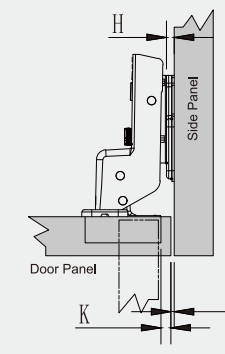


Hinge overlay calculation

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

Insert

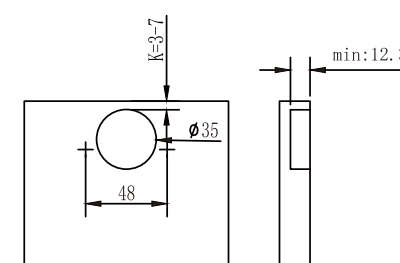
Item No. S3AH07



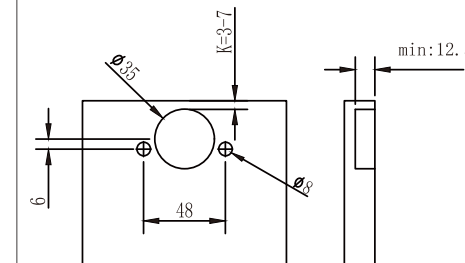
Hinge overlay calculation

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

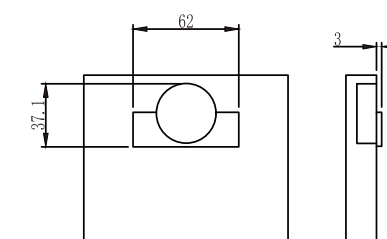
Screw-on installation



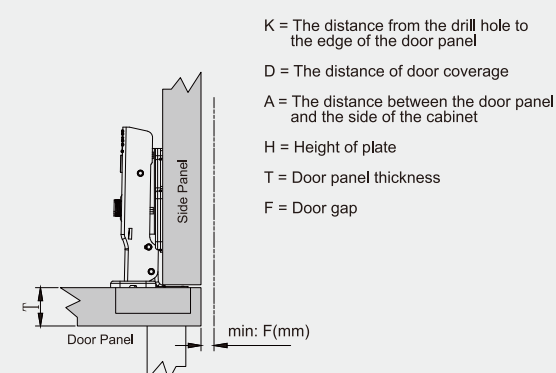
Press-in dowel installation



Hinge cup size

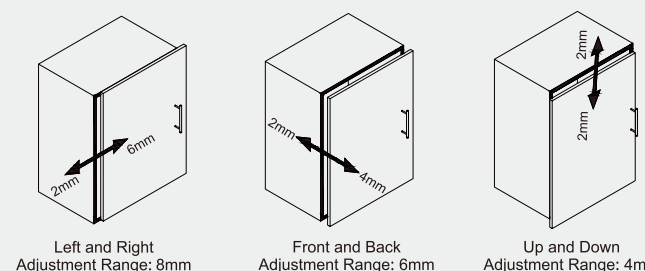


Minimum clearance required for door opening



Door panel thickness : T (mm)												
K	14	15	16	17	18	19	20	21	22	23	24	25
3	0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.1	1.4	1.7	3.0
4	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.8	1.1	1.4	1.6	2.5
5	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.9	1.1	1.3	1.5	2.0
6	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.3	1.5	1.8
7	0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.2	1.5	1.7

Hinge adjustment



Optional

Base plate	Cup cover(C)	Arm cover(A)	Screws

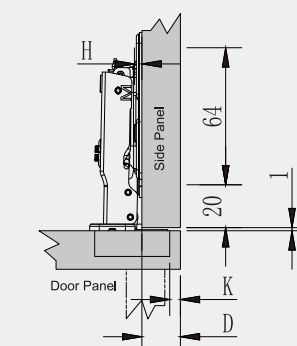
D3H

Two way small angle soft close hinge
(for 14-25mm door)

Door thickness: 14-25mm
Maximum cover position: D=20
Opening angle: 95°
Plate: Clip on (T type plate)
Main material: Cold-rolled steel
Depth of hinge cup: 12mm
Dia. of hinge cup: 35mm
Finish: Nickel Plated , Titanium

Full overlay

Item No. D3H09

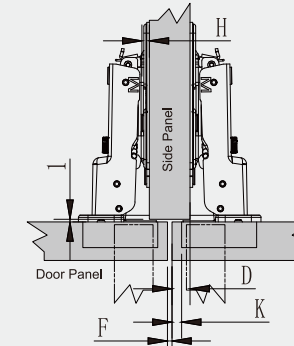


Hinge overlay calculation

D	K	3	4	5	6	7
0	16	17	18	19	20	

Half overlay

Item No. D3H08

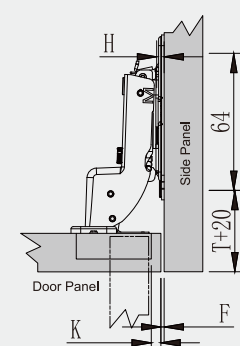


Hinge overlay calculation

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

Insert

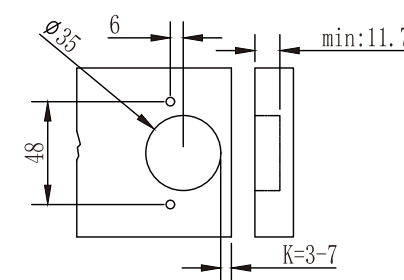
Item No. D3H07



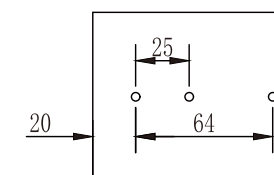
Hinge overlay calculation

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

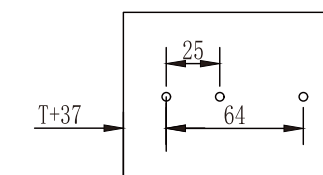
Screw-on installation



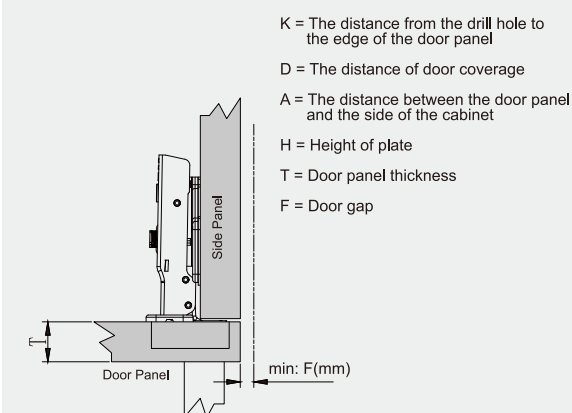
Full overlay and Half overlay Side Panel Processing size



Insert Side Panel Processing size

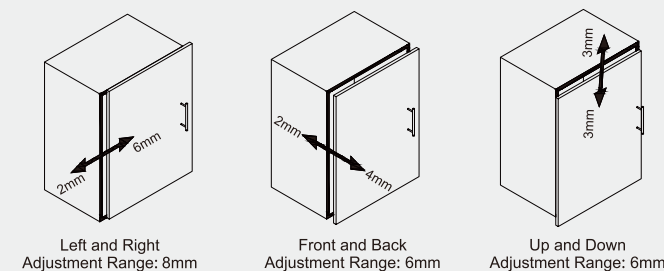


Minimum clearance required for door opening



Door panel thickness : T (mm)											
K	14	15	16	17	18	19	20	21	22	23	24
3	0.1	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.1	1.4	1.7
4	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.8	1.1	1.4	1.6
5	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.9	1.1	1.3	1.5
6	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.3	1.5
7	0	0.1	0.2	0.3	0.4	0.5	0.7	0.9	1.0	1.2	1.5

Hinge adjustment



Optional

Base plate	Cup cover(C)	Arm cover(A)	Screws

D5H

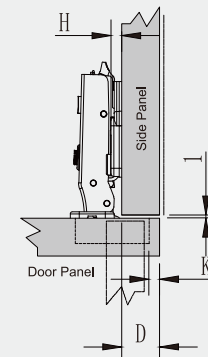
Two Way 3D Clip On Soft Close Hinge



Door thickness: 14-22mm
 Maximum cover position: D=20
 Opening angle: 98°
 Plate: Clip on
 Main material: Cold-rolled steel
 Depth of hinge cup: 12mm
 Dia. of hinge cup: 35mm
 Finish: Nickel Plated, Titanium

Full overlay

Item No. **D5H09**

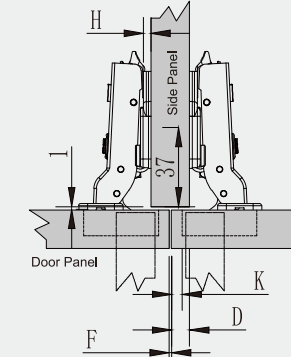


Hinge overlay calculation

D K H	3	4	5	6	7
0	16	17	18	19	20

Half overlay

Item No. **D5H08**

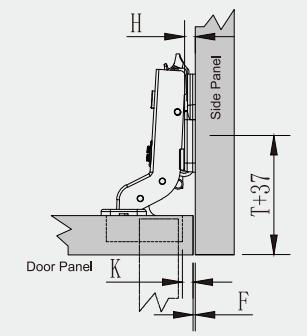


Hinge overlay calculation

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

Insert

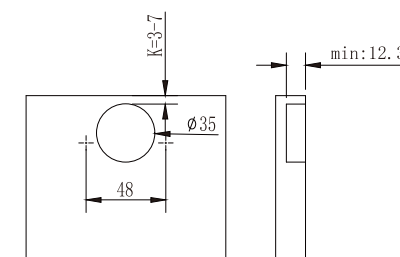
Item No. **D5H07**



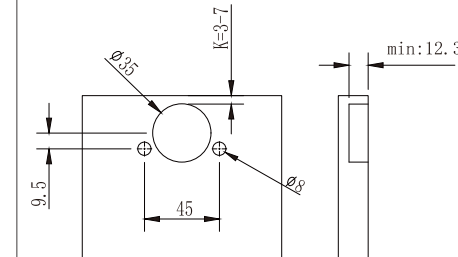
Hinge overlay calculation

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

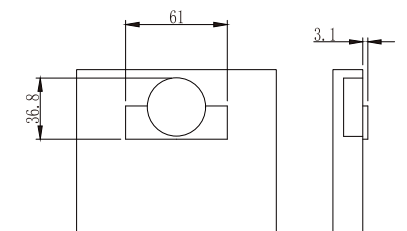
Screw-on installation



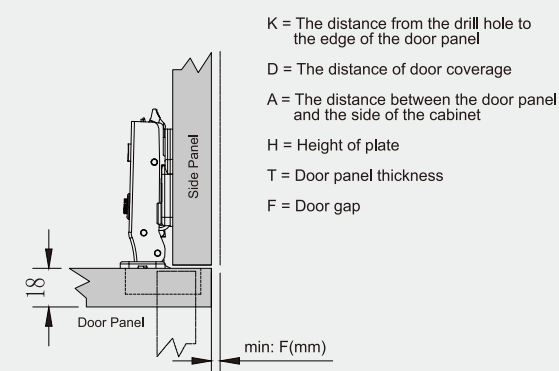
Press-in dowel installation



Hinge cup size

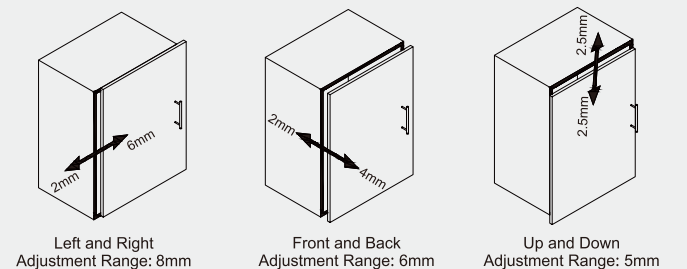


Minimum clearance required for door opening



Door panel thickness : T (mm)									
K	14	15	16	17	18	19	20	21	22
3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.1
4	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.3	2.7
5	0.3	0.5	0.6	0.8	1.1	1.4	1.7	2.0	2.4
6	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.8	2.1
7	0.1	0.3	0.4	0.6	0.8	1.0	1.3	1.6	1.9

Hinge adjustment



Optional

Base plate	Cup cover(C)	Arm cover(A)	Screws

K5H

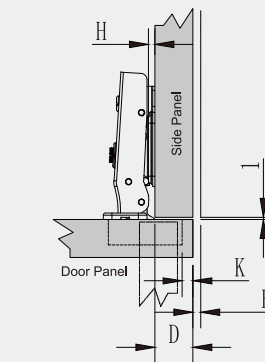
3D Clip On Soft Close Hinge



Door thickness: 14-22mm
 Maximum cover position: D=20
 Opening angle: 98°
 Plate: Clip on
 Main material: Cold-rolled steel
 Depth of hinge cup: 12mm
 Dia. of hinge cup: 35mm
 Finish: Nickel Plated, Titanium

Full overlay

Item No. **K5H09**

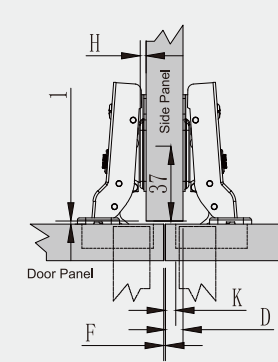


Hinge overlay calculation

D	K	3	4	5	6	7
0	H	16	17	18	19	20

Half overlay

Item No. **K5H08**

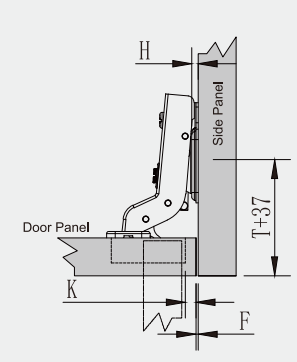


Hinge overlay calculation

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

Insert

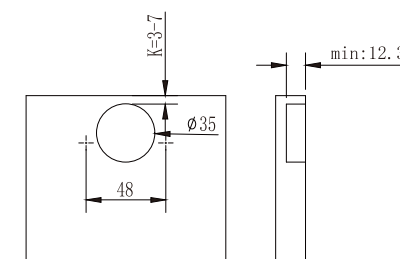
Item No. **K5H07**



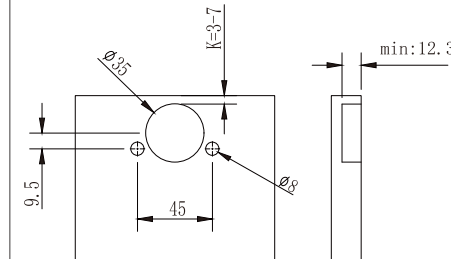
Hinge overlay calculation

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

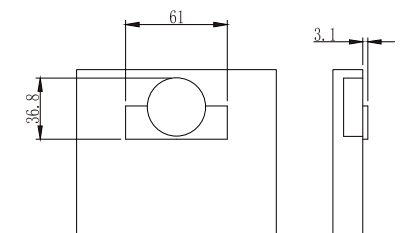
Screw-on installation



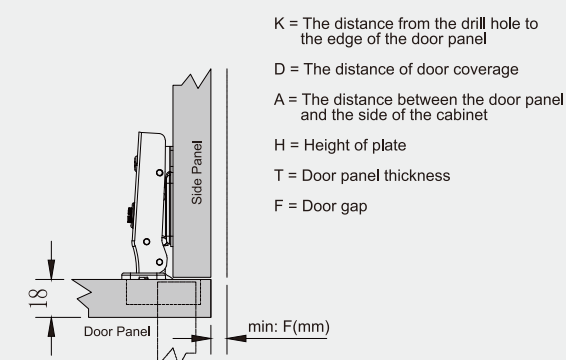
Press-in dowel installation



Hinge cup size

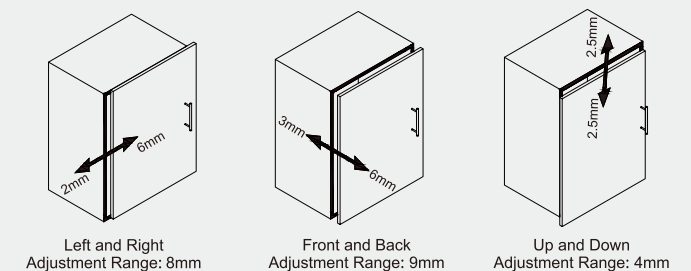


Minimum clearance required for door opening



Door panel thickness : T (mm)									
K	14	15	16	17	18	19	20	21	22
3	0.3	0.4	0.6	0.8	1.0	1.3	1.6	2	2.5
4	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2
5	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.6	2.0
6	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.8
7	0.1	0.2	0.3	0.4	0.5	0.7	1.0	1.2	1.6

Hinge adjustment



Optional

Base plate	Cup cover(C)	Arm cover(A)	Screws

S5H

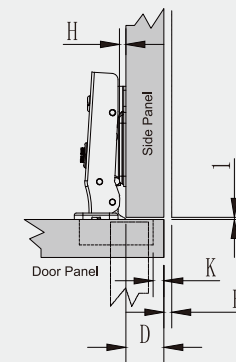
Fixed plate Soft Close Hinge



Door thickness: 14-22mm
 Maximum cover position: D=20
 Opening angle: 98°
 Plate: Fixed plate
 Main material: Cold-rolled steel
 Depth of hinge cup: 12mm
 Dia. of hinge cup: 35mm
 Finish: Nickel Plated, Titanium

Full overlay

Item No. S5H09

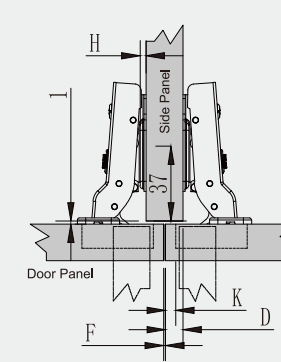


Hinge overlay calculation

D	K	3	4	5	6	7
0	16	17	18	19	20	

Half overlay

Item No. S5H08

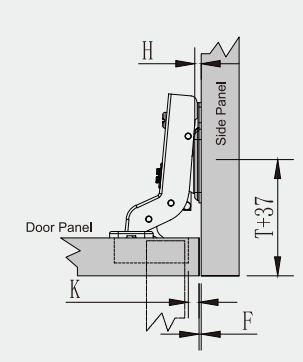


Hinge overlay calculation

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

Insert

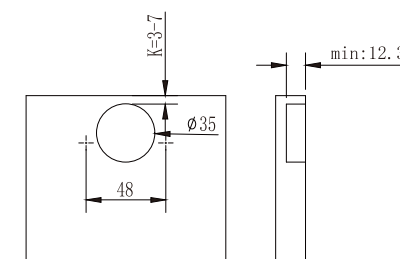
Item No. S5H07



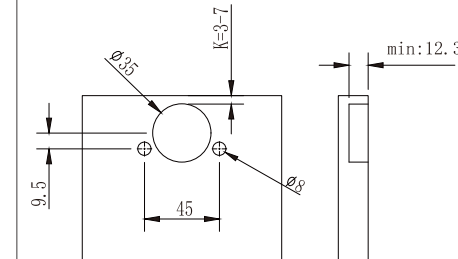
Hinge overlay calculation

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

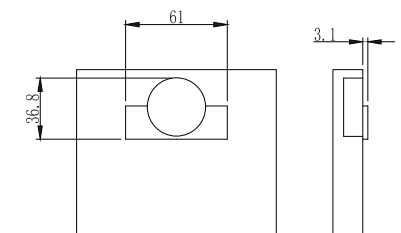
Screw-on installation



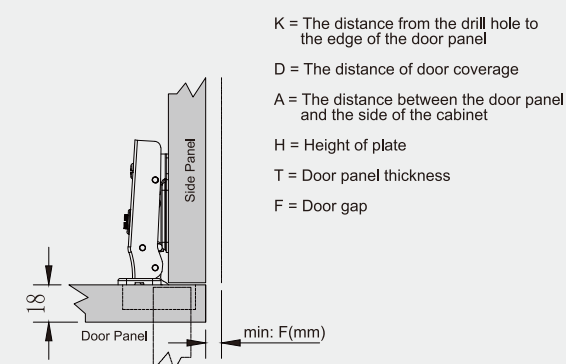
Press-in dowel installation



Hinge cup size

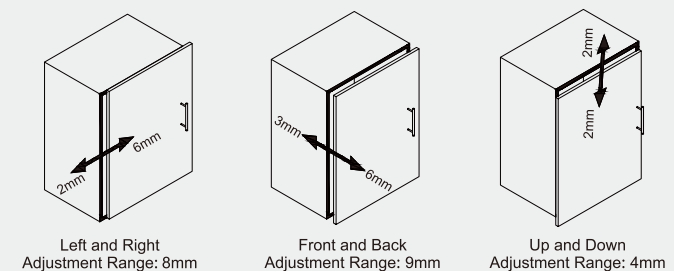


Minimum clearance required for door opening



Door panel thickness : T (mm)									
K	14	15	16	17	18	19	20	21	22
3	0.3	0.4	0.6	0.8	1.0	1.3	1.6	2	2.5
4	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2
5	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.6	2.0
6	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.8
7	0.1	0.2	0.3	0.4	0.5	0.7	1.0	1.2	1.6

Hinge adjustment



Optional

Base plate	Cup cover(C)	Arm cover(A)	Screws

D5H30

One Way 3D Clip On Soft Close Hinge

+30° Angle Hinge

Door thickness: 14-22mm

Maximum cover position: D=20

Opening angle: 100°

Plate: Clip on

Main material: Cold-rolled steel

Depth of hinge cup: 12mm

Dia. of hinge cup: 35mm

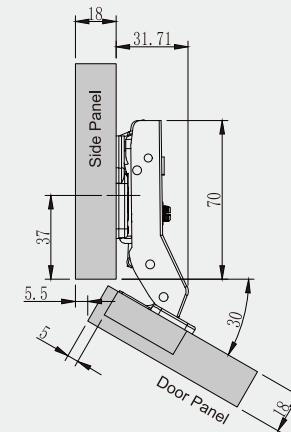
Finish: Nickel Plated, Titanium



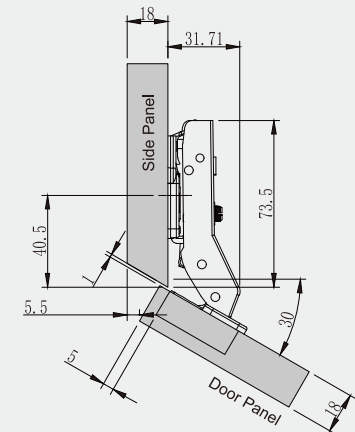
D5H30 Technical Information

kav

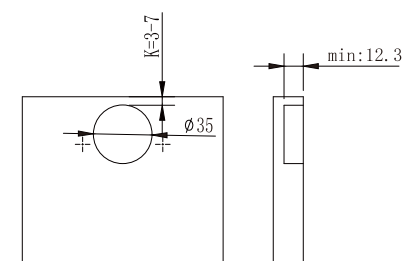
Straight edge side panel



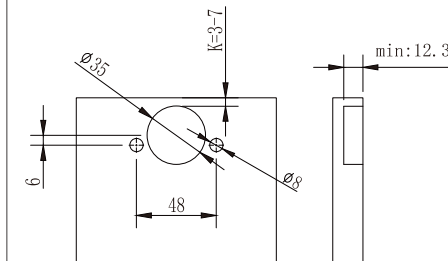
Beveled edge side panel



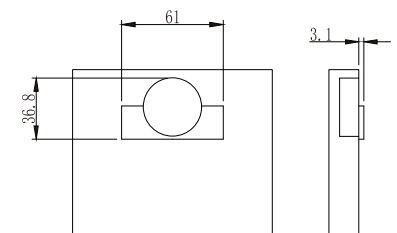
Screw-on installation



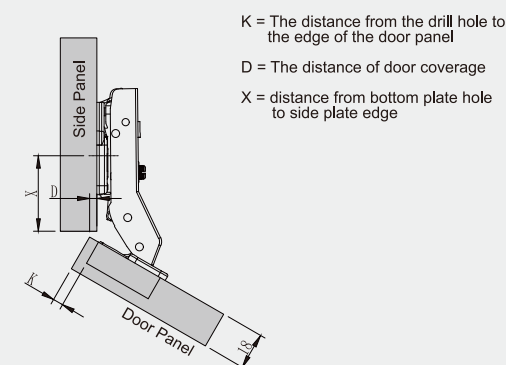
Press-in dowel installation



Hinge cup size

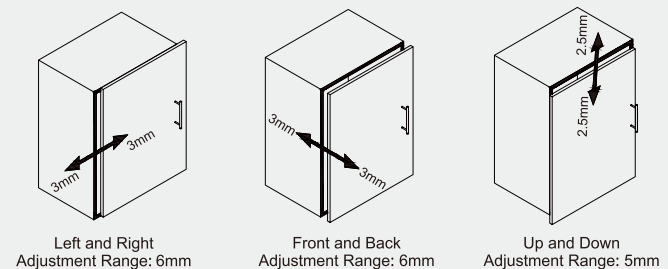


Minimum clearance required for door opening



D \ X	37	36	35	34
4	2.9			
5		3.7		
6			4.6	
7				5.5

Hinge adjustment



Optional

Base plate

Cup cover(C)

Arm cover(A)

Screws

D5H45

One Way 3D Clip On Soft Close Hinge

+45° Angle Hinge

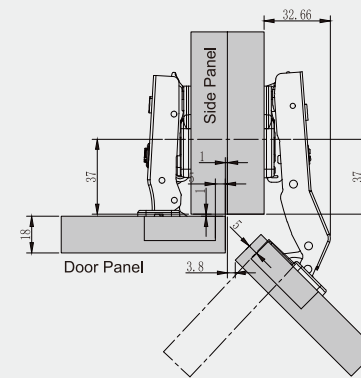
Door thickness: 14-22mm
Maximum cover position: D=20
Opening angle: 95°
Plate: Clip on
Main material: Cold-rolled steel
Depth of hinge cup: 12mm
Dia. of hinge cup: 35mm
Finish: Nickel Plated, Titanium



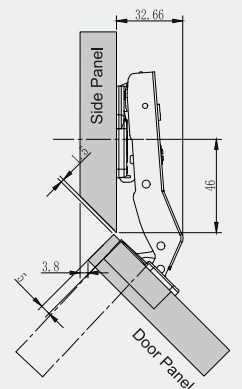
D5H45 Technical Information

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Straight edge side panel

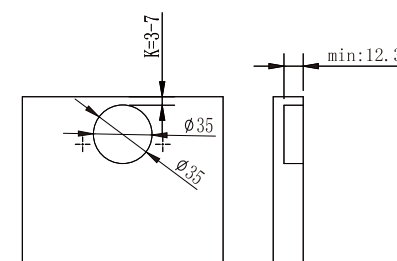


Beveled edge side panel

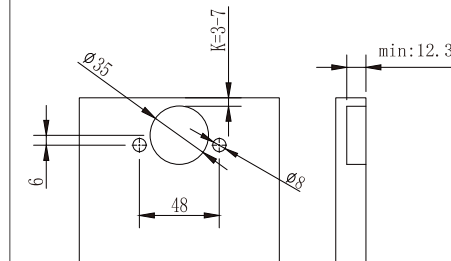


LW=Cabinet width
FB=Door panel width

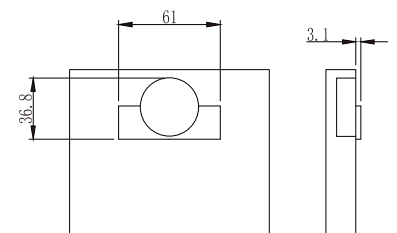
Screw-on installation



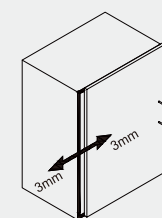
Press-in dowel installation



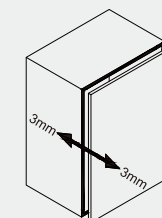
Hinge cup size



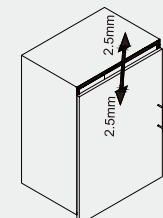
Hinge adjustment



Left and Right
Adjustment Range: 6mm



Front and Back
Adjustment Range: 6mm



Up and Down
Adjustment Range: 5mm

Optional

Base plate

Cup cover(C)

Arm cover(A)

Screws

D5H90

One Way 3D Clip On Soft Close Hinge

+90° Angle Hinge

Door thickness: 16-19mm

Maximum cover position: D=19

Opening angle: 95°

Plate: Clip on

Main material: Cold-rolled steel

Depth of hinge cup: 12mm

Dia. of hinge cup: 35mm

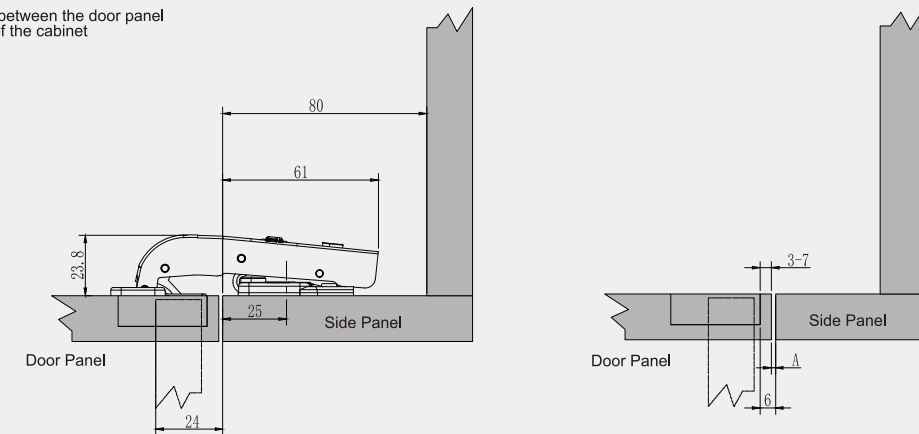
Finish: Nickel Plated, Titanium

D5H90 Technical Information

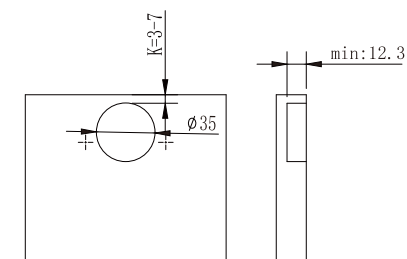
kav

Dimension drawing

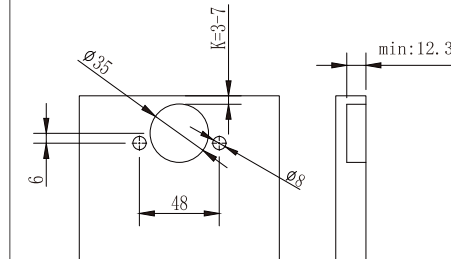
A = The distance between the door panel and the side of the cabinet



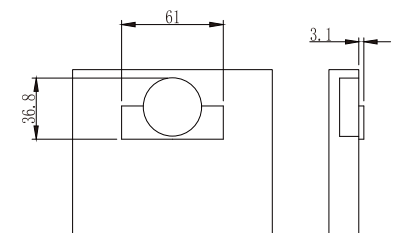
Screw-on installation



Press-in dowel installation

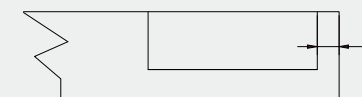


Hinge cup size



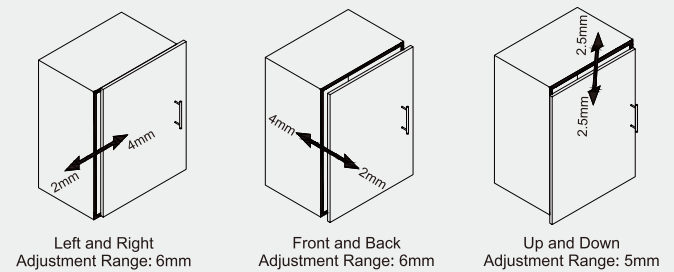
Minimum clearance required for door opening

K = The distance from the drill hole to the edge of the door panel



Door panel thickness : T (mm)					
K	16	17	18	19	
3	1.4	2.2	3.0	3.7	
4	0.4	1.2	2.0	2.7	
5	0.2	0.2	1.0	1.7	
6	0.2	0.2	0.2	0.7	
7	0.2	0.2	0.2	0.2	

Hinge adjustment



Optional

Base plate

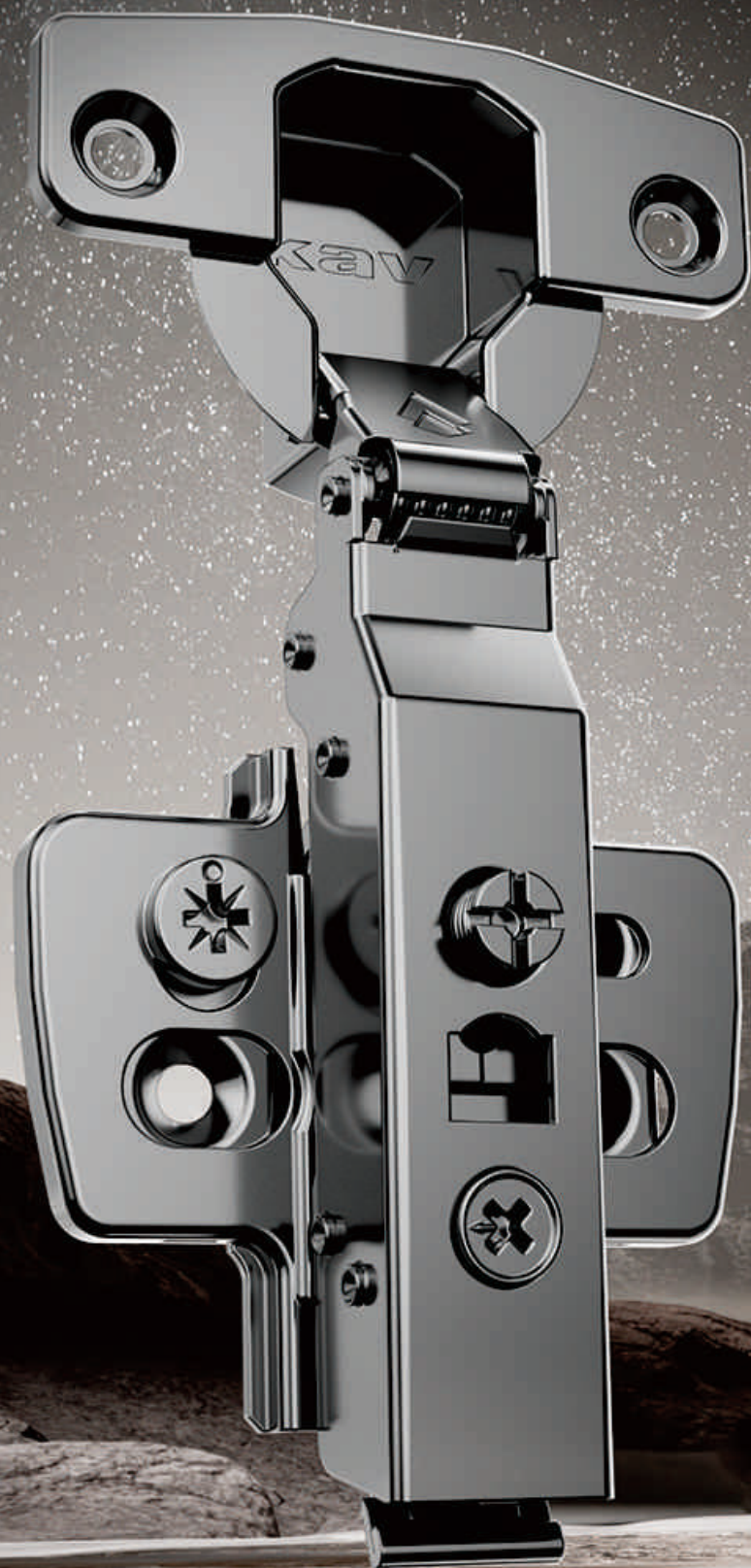
Cup cover(C)

Arm cover(A)

Screws

D8H

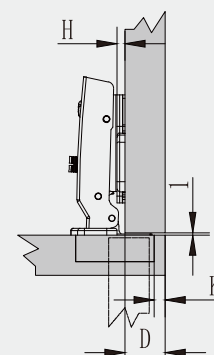
Two Way 3D Clip On Soft Close Hinge



Door thickness: 14-26mm
 Maximum cover position: D=20
 Opening angle: 100°
 Plate: Clip on
 Main material: Cold-rolled steel
 Depth of hinge cup: 12mm
 Dia. of hinge cup: 35mm
 Finish: Nickel Plated, Titanium

Full overlay

Item No. D8H09

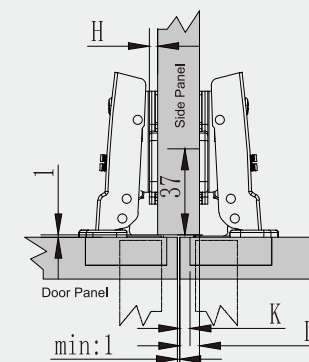


Hinge overlay calculation

D	K	3	4	5	6	7
0	16	17	18	19	20	

Half overlay

Item No. D8H08

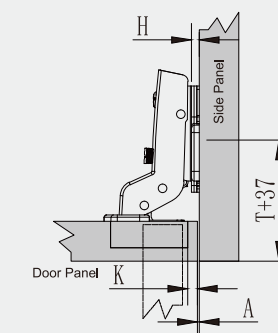


Hinge overlay calculation

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

Insert

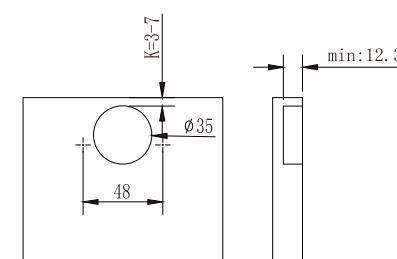
Item No. D8H07



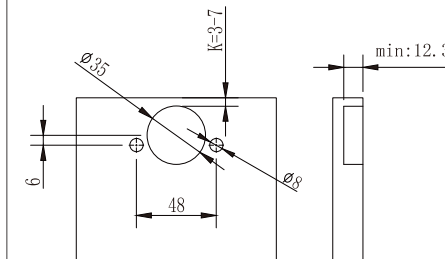
Hinge overlay calculation

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

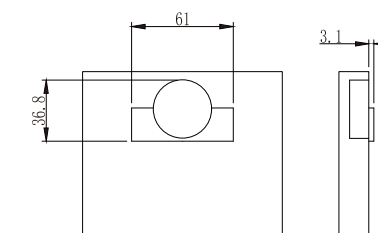
Screw-on installation



Press-in dowel installation

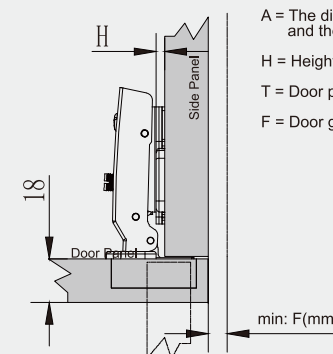


Hinge cup size



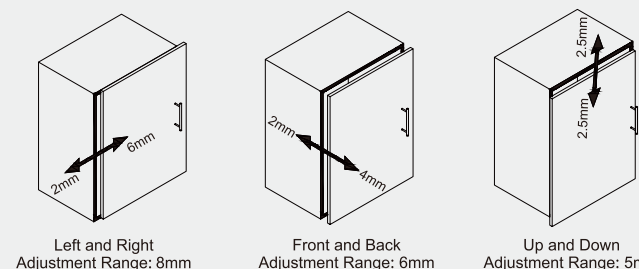
Minimum clearance required for door opening

K = The distance from the drill hole to the edge of the door panel
 D = The distance of door coverage
 A = The distance between the door panel and the side of the cabinet
 H = Height of plate
 T = Door panel thickness
 F = Door gap



Door panel thickness : T (mm)																		
K	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
3	0.3	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.6	2.2	3.1	3.8	5.0			
4	0.3	0.3	0.3	0.3	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.8	2.5	3.5	4.3			
5	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.8	1.0	1.0	1.2	1.4	2.0	2.8	3.7			
6	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.7	0.8	1.0	1.1	1.3	1.6	2.3	3.1			
7	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.3	2.0	2.8			

Hinge adjustment

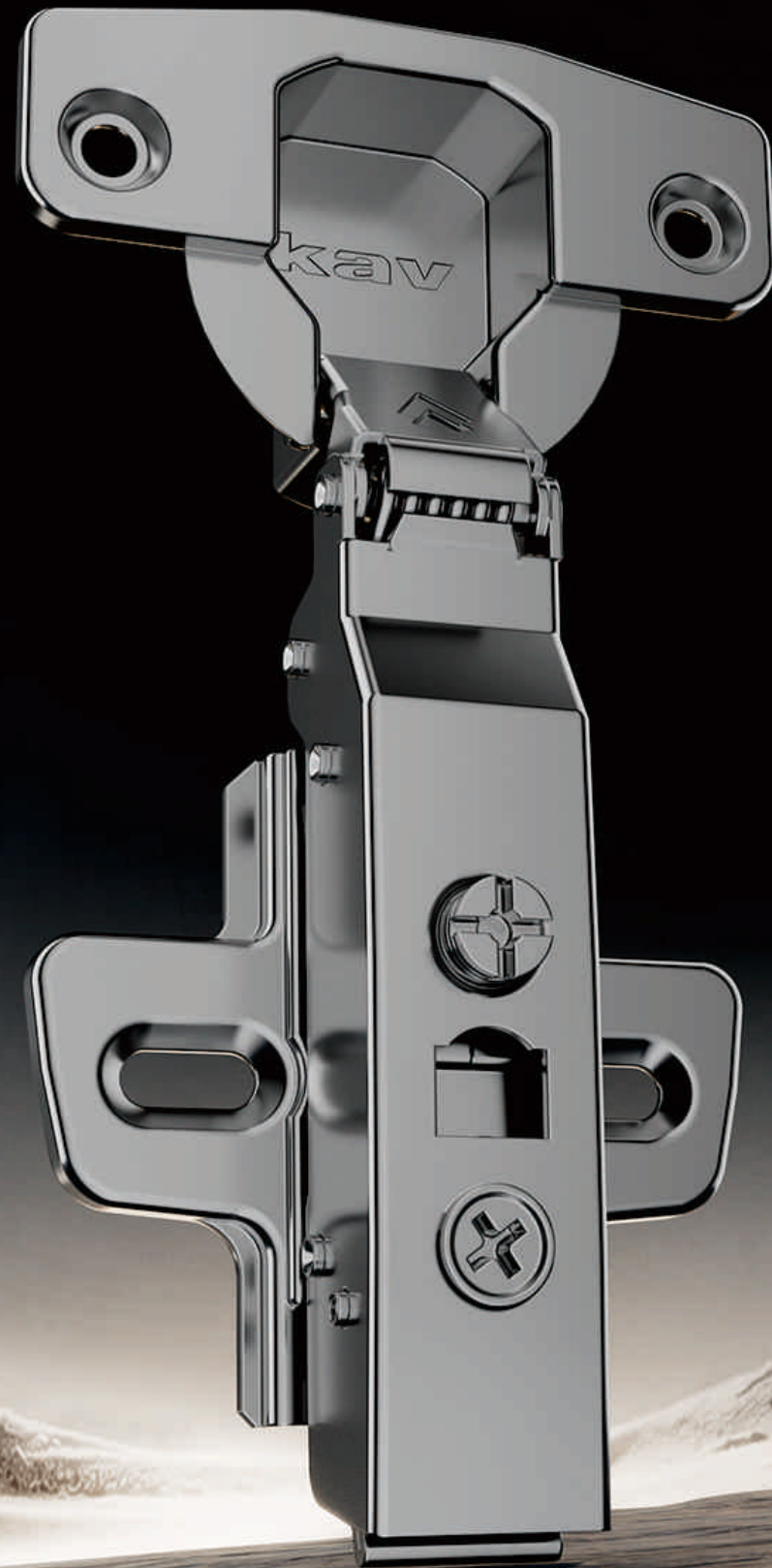


Optional

Base plate, Cup cover(C), Arm cover(A), Screws

K8H

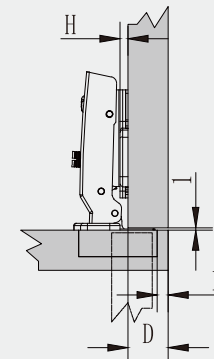
Clip On Soft Close Hinge



Door thickness: 14-26mm
Maximum cover position: D=20
Opening angle: 100°
Plate: Clip on
Main material: Cold-rolled steel
Depth of hinge cup: 12mm
Dia. of hinge cup: 35mm
Finish: Nickel Plated, Titanium

Full overlay

Item No. **K8H09**

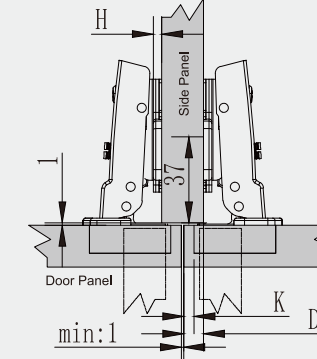


Hinge overlay calculation

D	3	4	5	6	7
K					
H					
0	16	17	18	19	20

Half overlay

Item No. **K8H08**

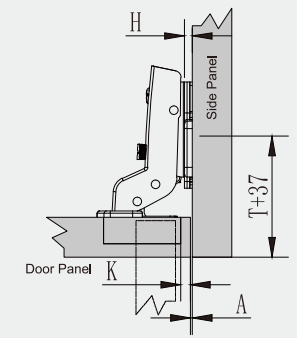


Hinge overlay calculation

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

Insert

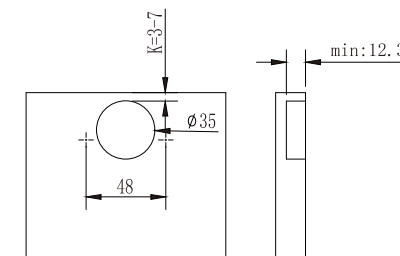
Item No. **K8H07**



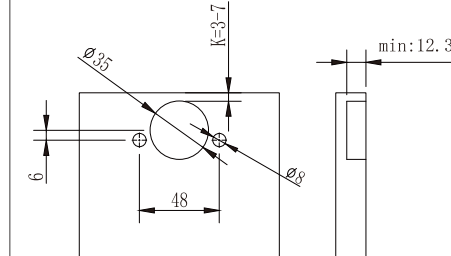
Hinge overlay calculation

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

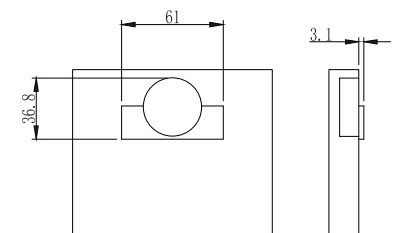
Screw-on installation



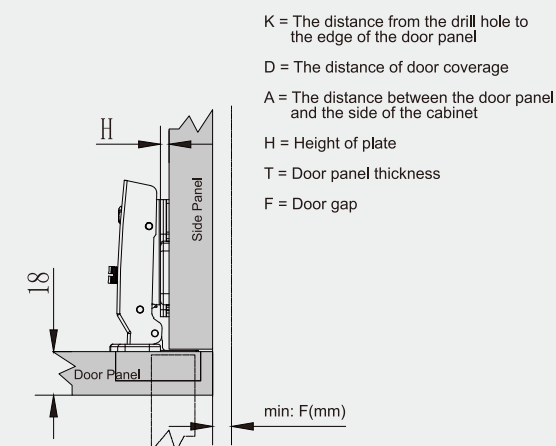
Press-in dowel installation



Hinge cup size

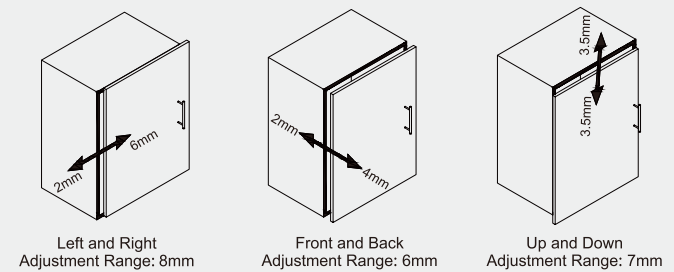


Minimum clearance required for door opening



Door panel thickness : T (mm)																			
K	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
3	0.3	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.6	2.2	3.1	3.8	5.0				
4	0.3	0.3	0.3	0.3	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.8	2.5	3.5	4.3				
5	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.8	1.0	1.0	1.2	1.4	2.0	2.8	3.7				
6	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.7	0.8	1.0	1.1	1.3	1.6	2.3	3.1				
7	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.3	2.0	2.8				

Hinge adjustment

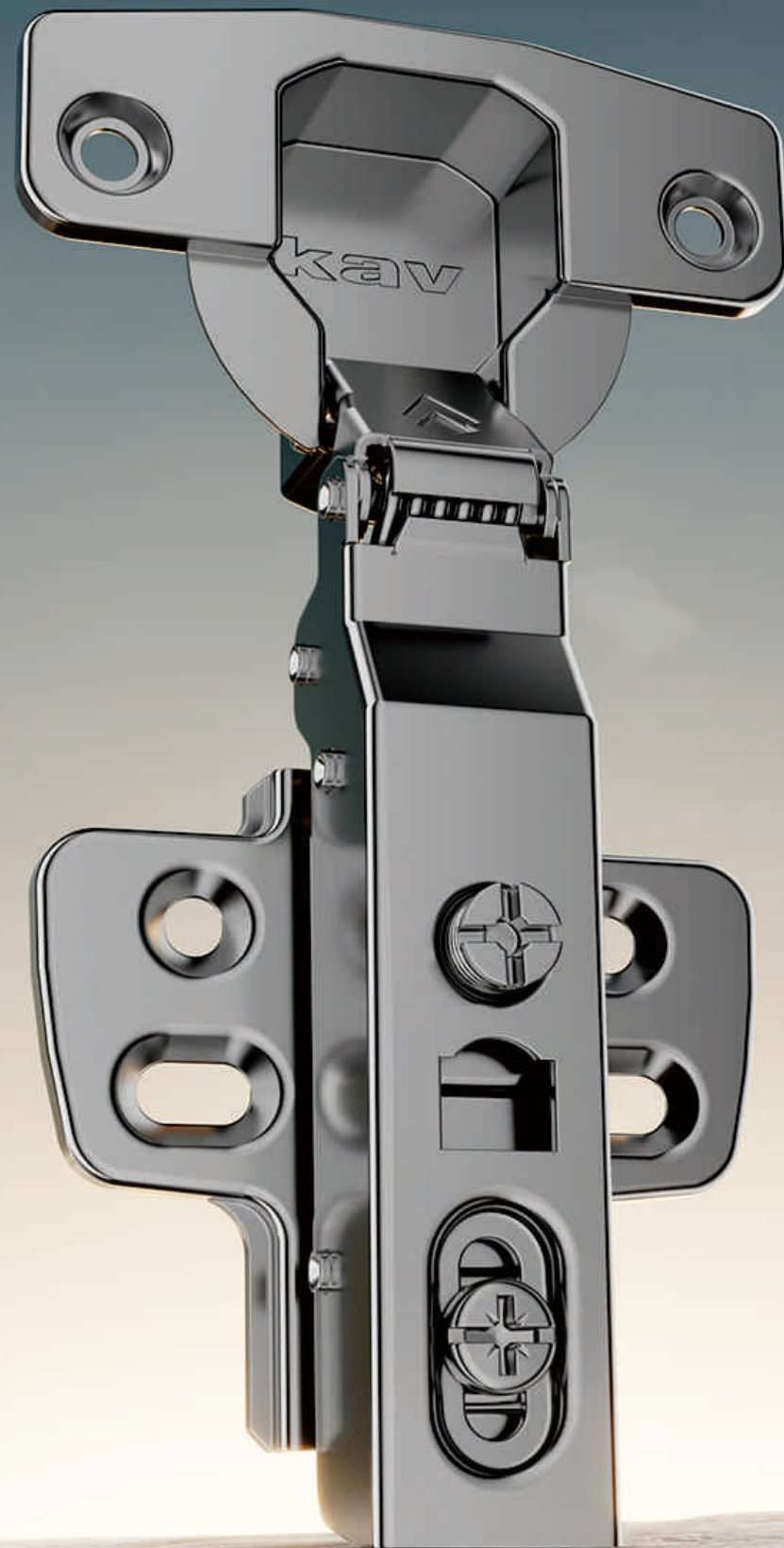


Optional

Base plate	Cup cover(C)	Arm cover(A)	Screws

S8H

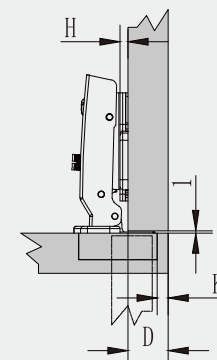
Fixed plate Soft Close Hinge



Door thickness: 14-26mm
 Maximum cover position: D=20
 Opening angle: 100°
 Plate: Clip on
 Main material: Cold-rolled steel
 Depth of hinge cup: 12mm
 Dia. of hinge cup: 35mm
 Finish: Nickel Plated, Titanium

Full overlay

Item No. **S8H09**

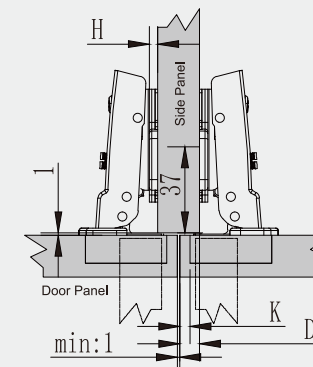


Hinge overlay calculation

D	K	3	4	5	6	7
0	16	17	18	19	20	

Half overlay

Item No. **S8H08**

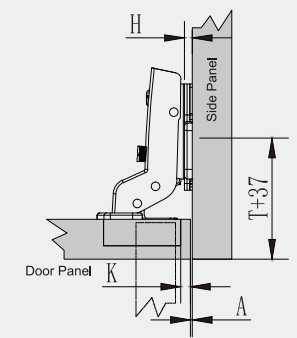


Hinge overlay calculation

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

Insert

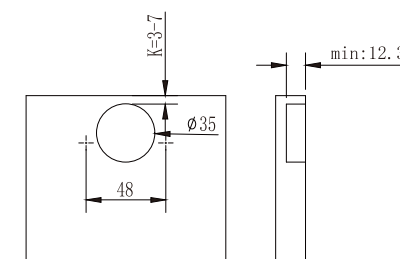
Item No. **S8H07**



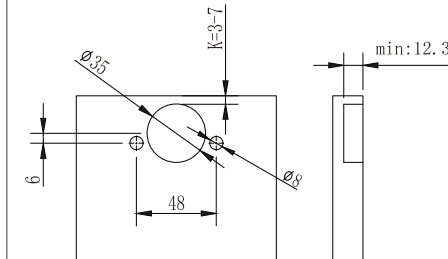
Hinge overlay calculation

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

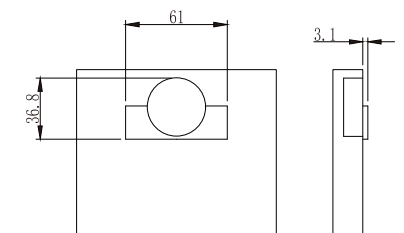
Screw-on installation



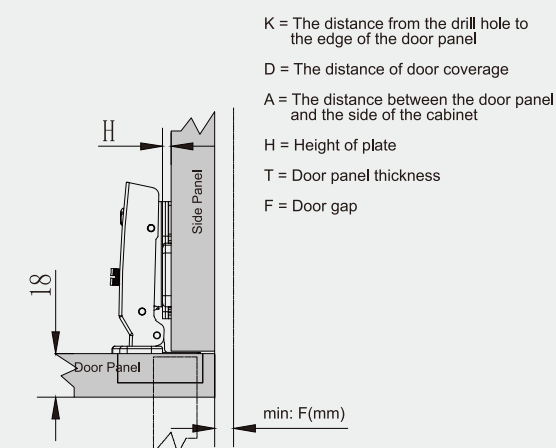
Press-in dowel installation



Hinge cup size



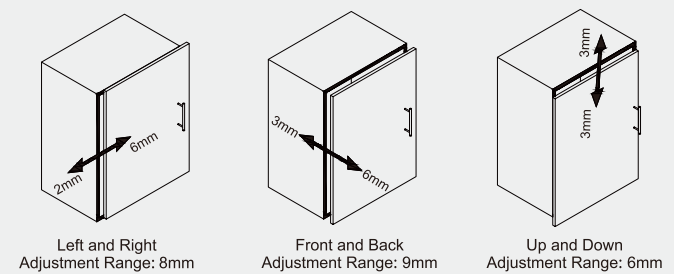
Minimum clearance required for door opening



K = The distance from the drill hole to the edge of the door panel
 D = The distance of door coverage
 A = The distance between the door panel and the side of the cabinet
 H = Height of plate
 T = Door panel thickness
 F = Door gap

Door panel thickness : T (mm)																			
K	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
3	0.3	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.6	2.2	3.1	3.8	5.0				
4	0.3	0.3	0.3	0.3	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.8	2.5	3.5	4.3				
5	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.8	1.0	1.0	1.2	1.4	2.0	2.8	3.7				
6	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.7	0.8	1.0	1.1	1.3	1.6	2.3	3.1				
7	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.3	2.0	2.8				

Hinge adjustment



Optional

Base plate	Cup cover(C)	Arm cover(A)	Screws

D8H30

One Way 3D Clip On Soft Close Hinge

+30° Angle Hinge

Door thickness: 14-22mm

Maximum cover position: D=20

Opening angle: 100°

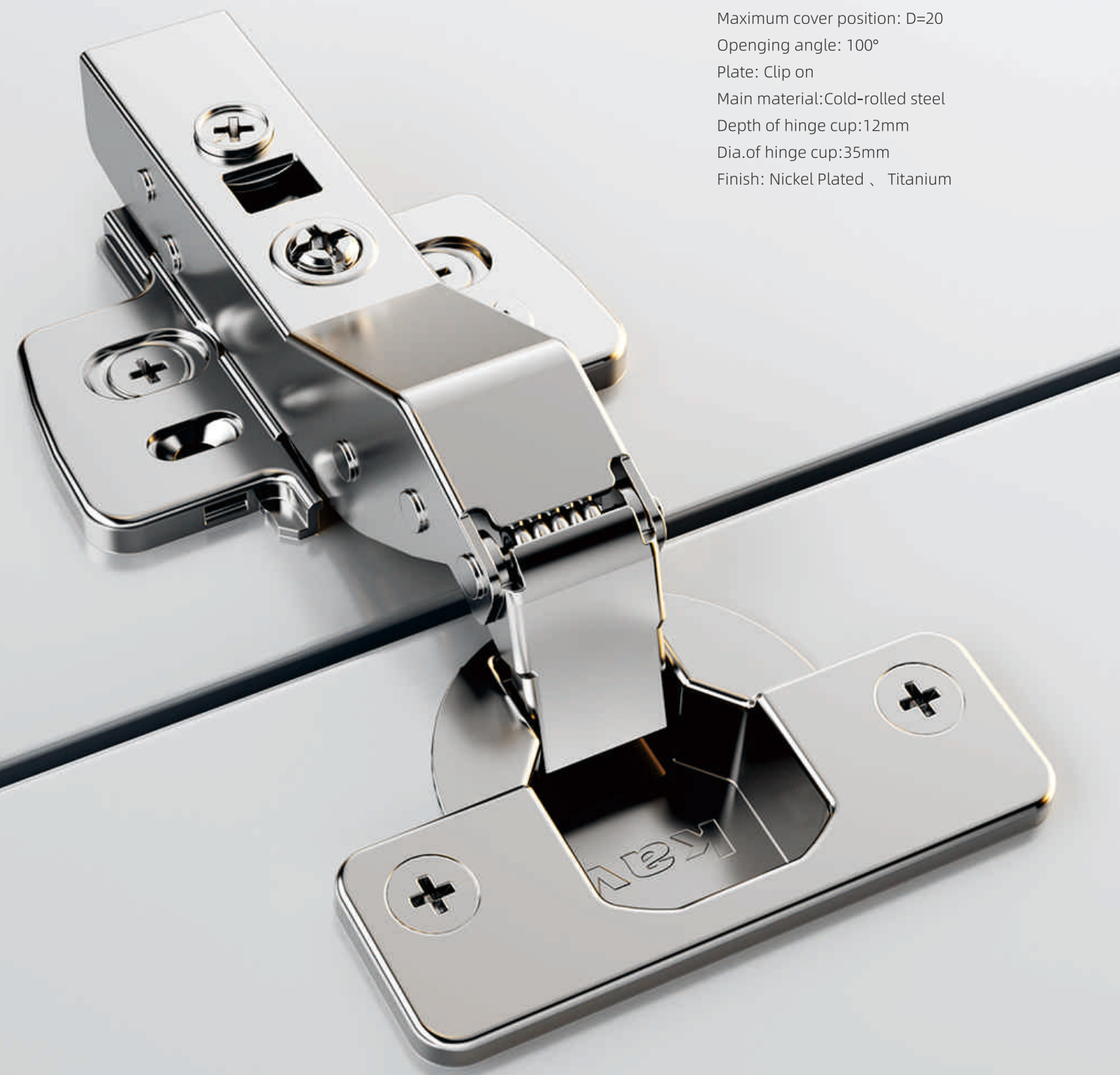
Plate: Clip on

Main material: Cold-rolled steel

Depth of hinge cup: 12mm

Dia. of hinge cup: 35mm

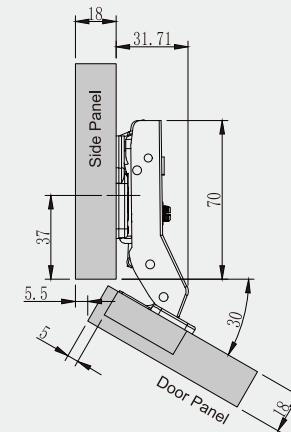
Finish: Nickel Plated, Titanium



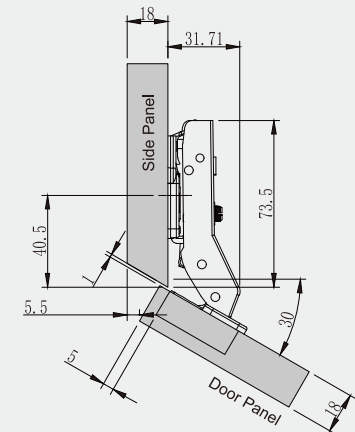
D8H30 Technical Information

kav

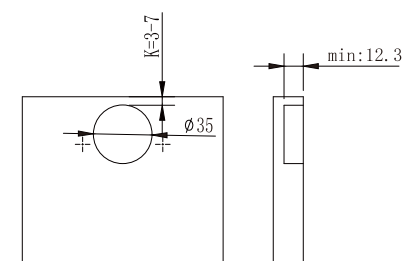
Straight edge side panel



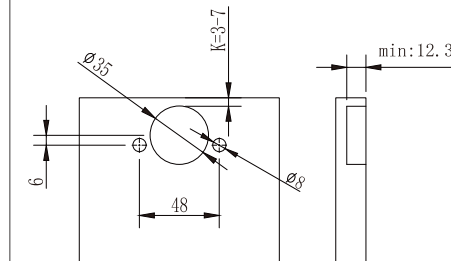
Beveled edge side panel



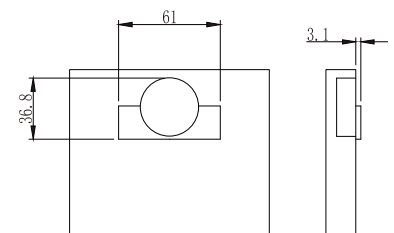
Screw-on installation



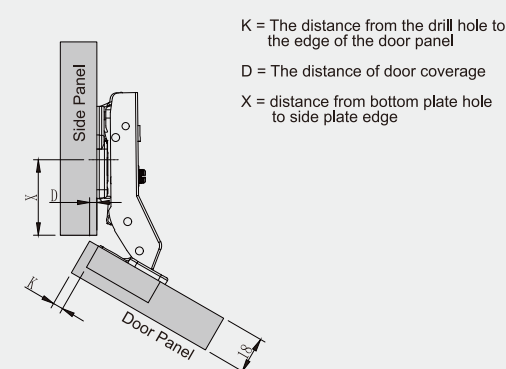
Press-in dowel installation



Hinge cup size

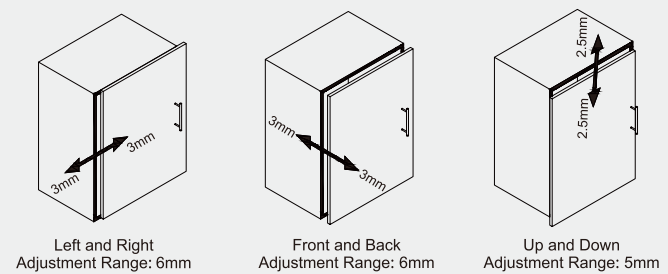


Minimum clearance required for door opening



D \ K	37	36	35	34
4	2.9			
5		3.7		
6			4.6	
7				5.5

Hinge adjustment



Optional

Base plate

Cup cover(C)

Arm cover(A)

Screws

D8H45

One Way 3D Clip On Soft Close Hinge

+45° Angle Hinge

Door thickness: 14-22mm

Maximum cover position: D=20

Opening angle: 95°

Plate: Clip on

Main material: Cold-rolled steel

Depth of hinge cup: 12mm

Dia. of hinge cup: 35mm

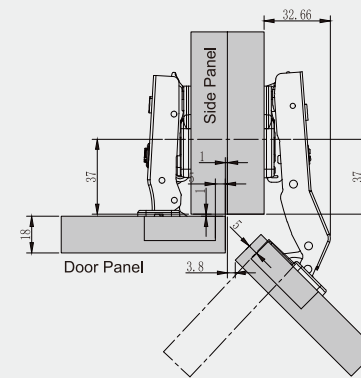
Finish: Nickel Plated, Titanium



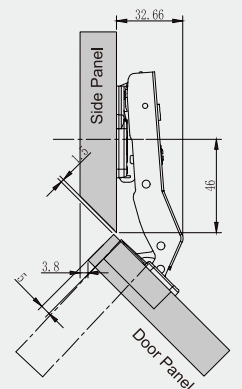
D8H45 Technical Information

kav

Straight edge side panel

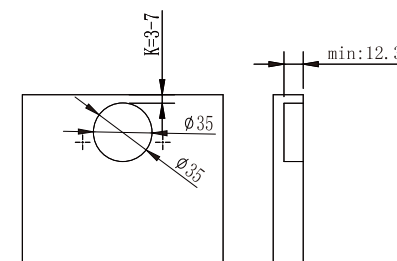


Beveled edge side panel

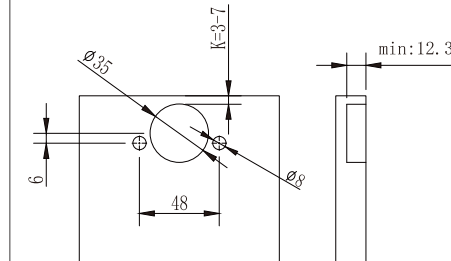


LW=Cabinet width
FB=Door panel width

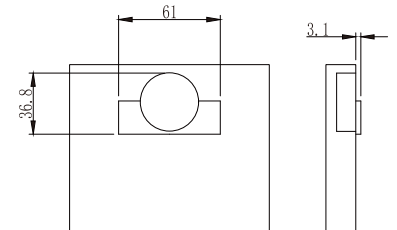
Screw-on installation



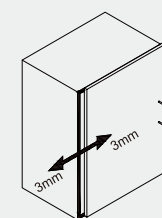
Press-in dowel installation



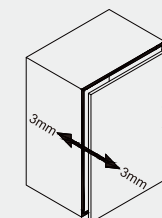
Hinge cup size



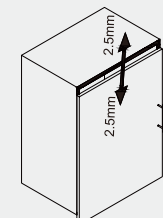
Hinge adjustment



Left and Right
Adjustment Range: 6mm



Front and Back
Adjustment Range: 6mm



Up and Down
Adjustment Range: 5mm

Optional

Base plate

Cup cover(C)

Arm cover(A)

Screws

D8H90

One Way 3D Clip On Soft Close Hinge

+90° Angle Hinge

Door thickness: 16-19mm

Maximum cover position: D=19

Opening angle: 95°

Plate: Clip on

Main material: Cold-rolled steel

Depth of hinge cup: 12mm

Dia. of hinge cup: 35mm

Finish: Nickel Plated, Titanium

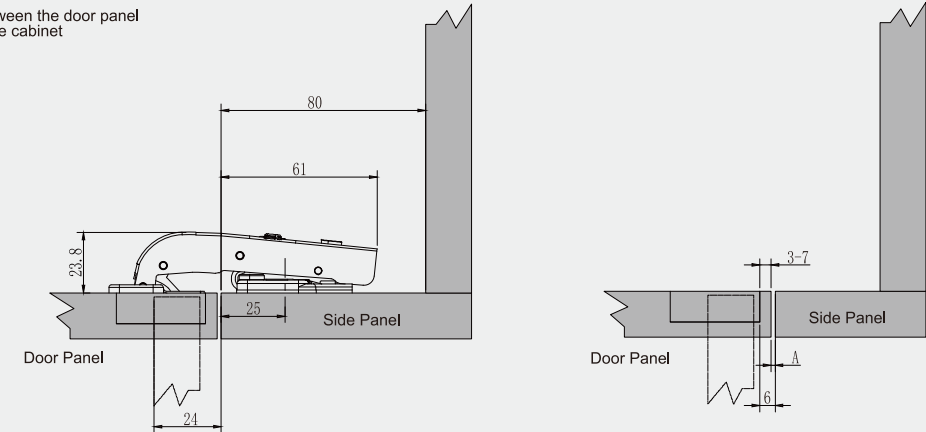


D8H90 Technical Information

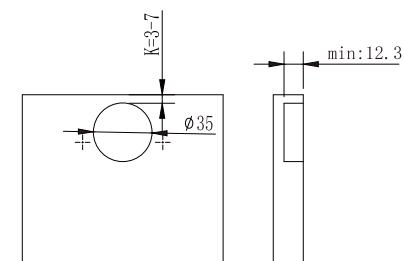
kav

Dimension drawing

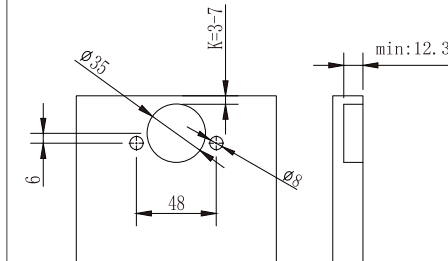
A = The distance between the door panel and the side of the cabinet



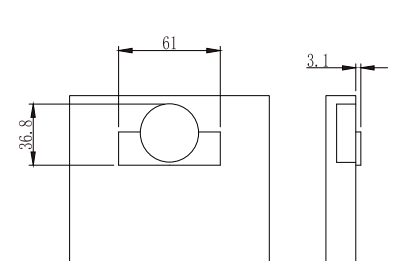
Screw-on installation



Press-in dowel installation

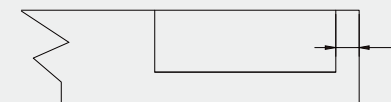


Hinge cup size



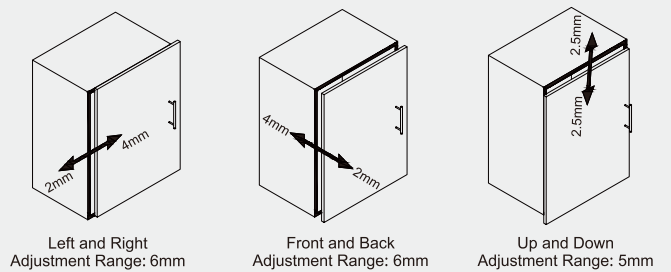
开门所需最小间隙

K = The distance from the drill hole to the edge of the door panel



Door panel thickness : T (mm)					
K	16	17	18	19	
3	1.4	2.2	3.0	3.7	
4	0.4	1.2	2.0	2.7	
5	0.2	0.2	1.0	1.7	
6	0.2	0.2	0.2	0.7	
7	0.2	0.2	0.2	0.2	

Hinge adjustment



Optional

Base plate

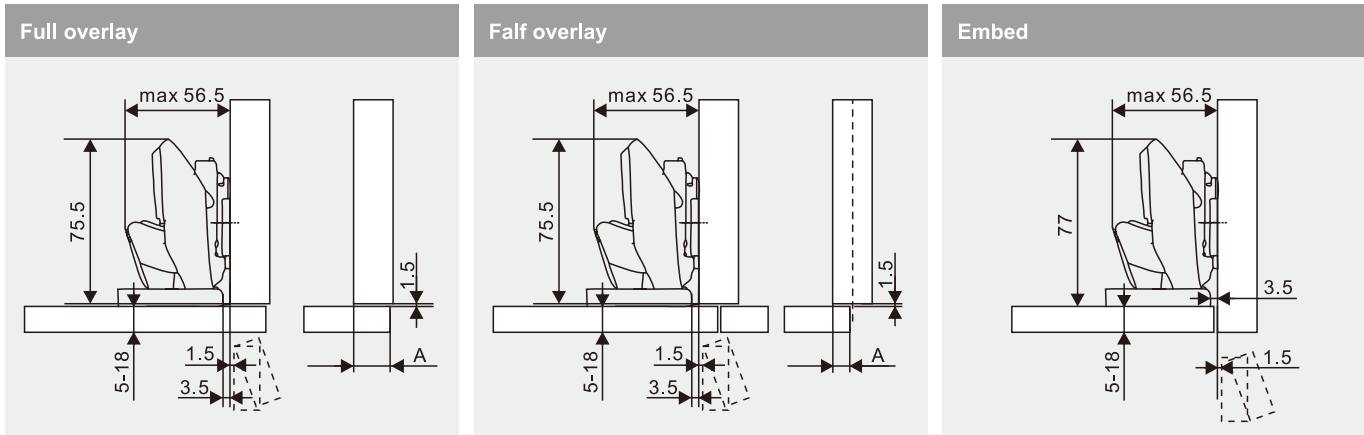
Cup cover(C)

Arm cover(A)

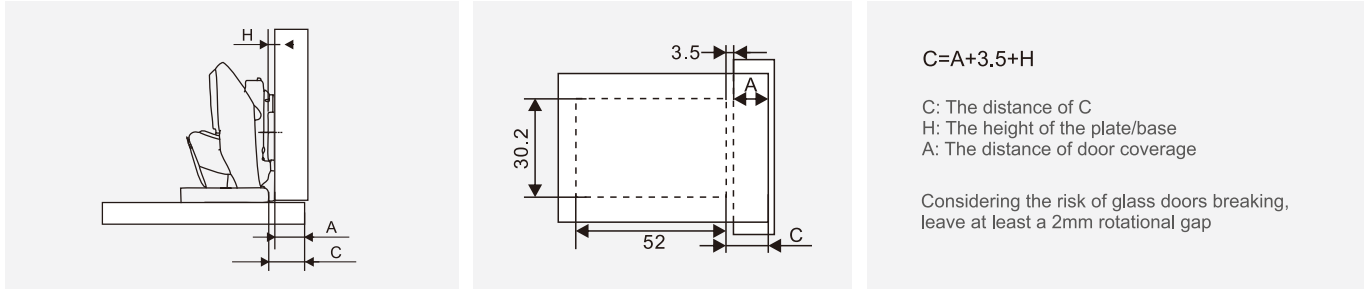
Screws



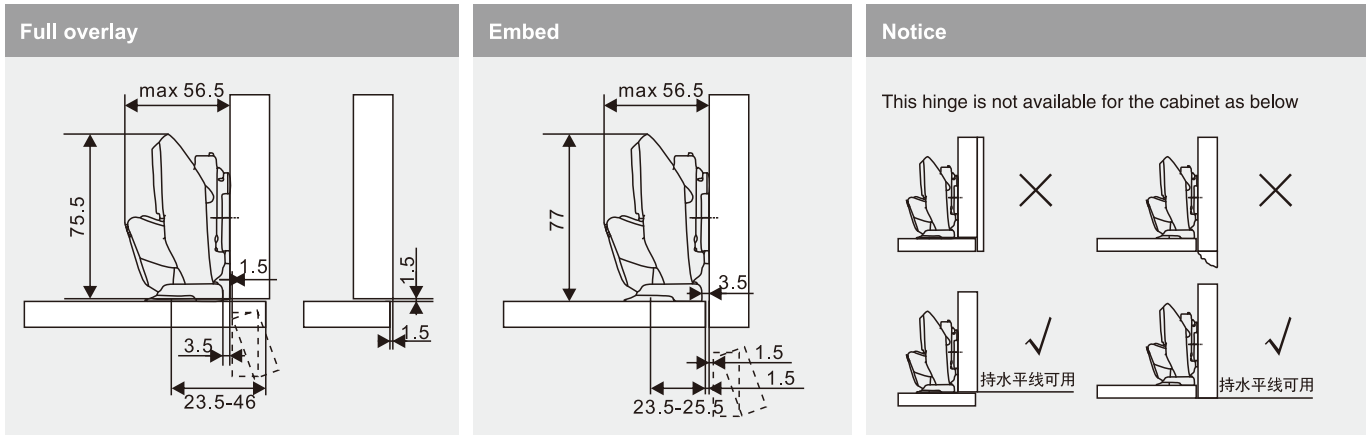
One Hinge For Full /Half Overlay& Embed
0 ° Angle Soft Closing
Two-way Buffering
Shadowless Glue For Hinge Cup
Hydraulic hinge
Clip-on
Depth adjustment
Opening angle:110°
Door thickness:5-18mm
Material:Cold-rolled Steel
Cup material:Zinc alloy
Finish:Nickel plated



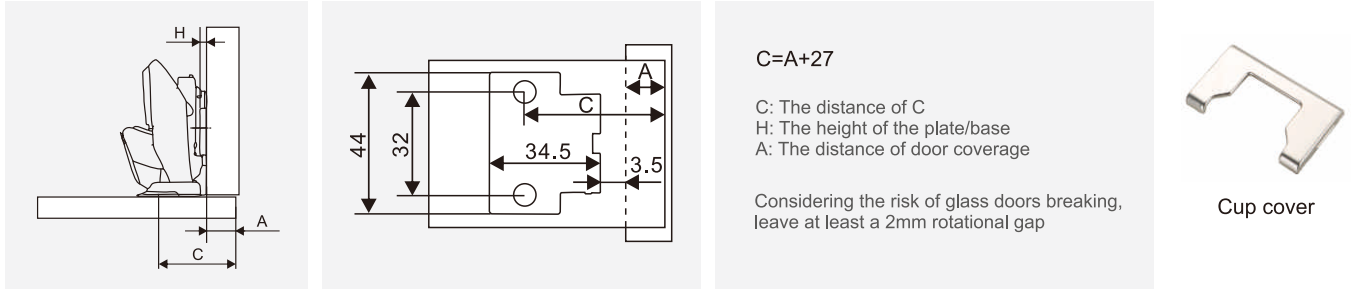
Installation																			
C \ A	-3.5	-3	-2.5	-2	-1.5	-1	2.5	4	5.5	7	8.5	10	11.5	13	14.5	16	17.5	19	
H	0	0	0.5	1	1.5	2	2.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5
	3	3	3.5	4	4.5	5	5.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5		
	6	9	9.5	10	10.5	11	11.5	15	16.5	18	19.5	21	22.5						

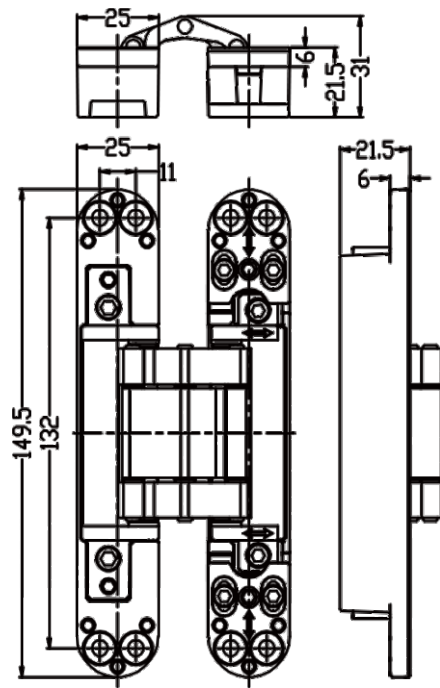


One Hinge For Full / Half Overlay& Embed
0 ° Angle Soft Closing
Two-way Buffering
Hydraulic hinge
Clip-on
Depth adjustment
Opening angle:110 °
Door thickness:14-18mm
Material:cold-rolled steel
Cup material:zinc alloy
Finish:nickel plated

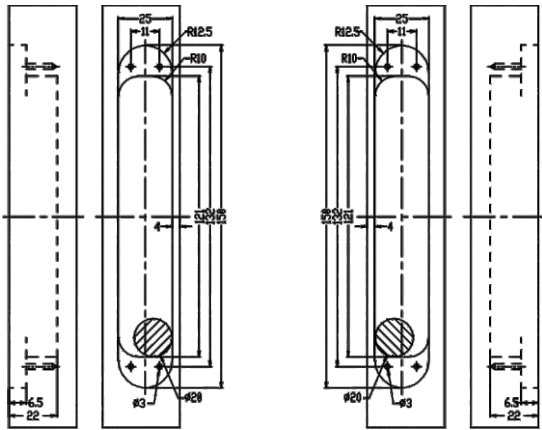
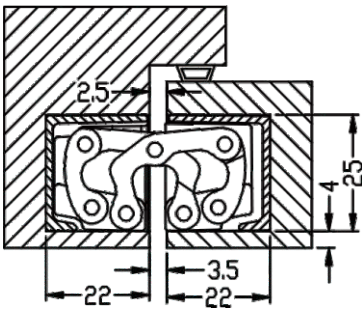


Installation																			
C \ A	-3.5	-3	-2.5	-2	-1.5	-1	2.5	4	5.5	7	8.5	10	11.5	13	14.5	16	17.5	19	
H	0	23.5	24	24.5	25	25.5	26	29.5	31	32.5	34	35.5	37	38.5	40	41.5	43	44.5	46
	3	26.5	27	27.5	28	28.5	29	32.5	34	35.5	37	38.5	40	41.5	43	44.5	46		
	6	29.5	30	30.5	31	31.5	32	35.5	37	38.5	40	41.5	43	44.5	46				





Cut out



Features

For wooden doors For flush doors
Concealed installation Adjustable after installed

Adjustments

Vertical: ± 3 mm, Horizontal: +2mm, -2mm
and depth ± 1 mm Opening angle: 180°

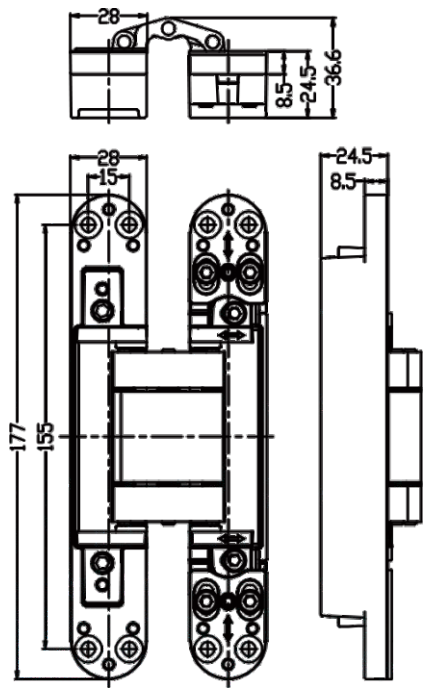
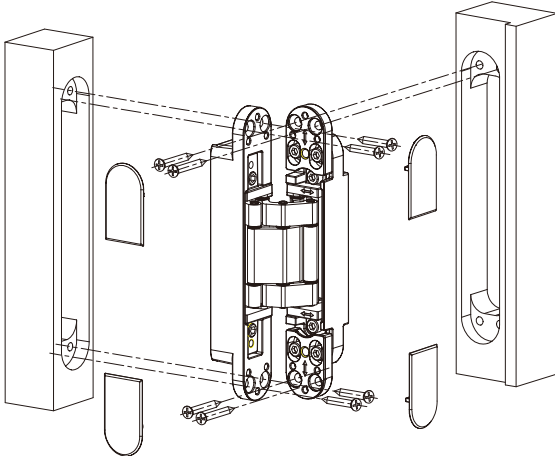
Technical Data	Max. door weight with 2 hinges : 40kg Min. door thickness : 35mm Max. door width : 850mm Slim design for thin door : 21.5mm
Materials	Zinc Alloy
Finishes	Chrome, Nickel, Brass and Painting
Installation	Wood tapping screws, Iron screws(optional)

Note

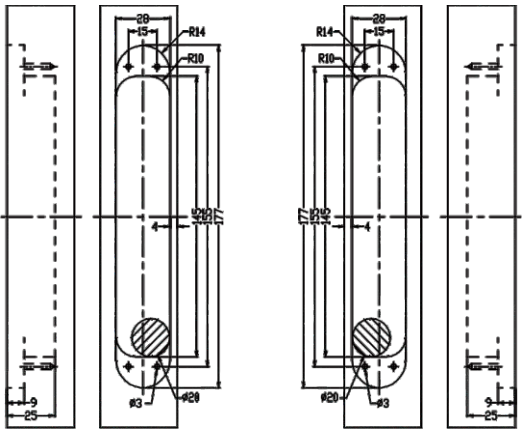
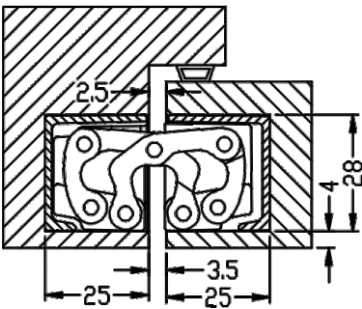
Finger protection due to small gap between door and frame

Application

Completely concealed for flush door with wood steel or aluminum frame



Cut out



Features

For wooden doors For flush doors
Concealed installation Adjustable after installed

Adjustments

Vertical: ± 3 mm, Horizontal: +2mm, -2mm
and depth ± 1 mm Opening angle: 180°

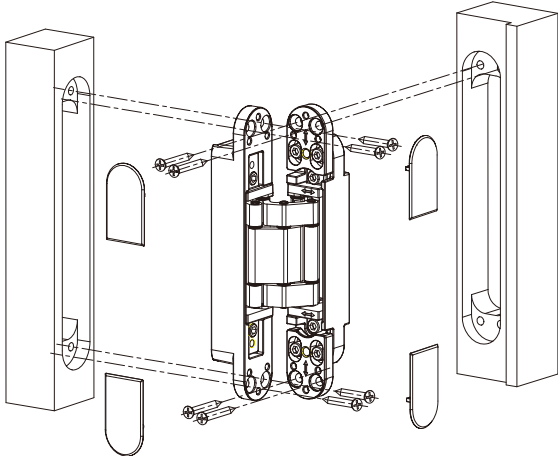
Technical Data	Max. door weight with 2 hinges : 80kg Min. door thickness : 40mm Max. door width : 1000mm Slim design for thin door : 24.5mm
Materials	Zinc Alloy
Finishes	Chrome, Nickel, Brass and Painting
Installation	Wood tapping screws, Iron screws(optional)

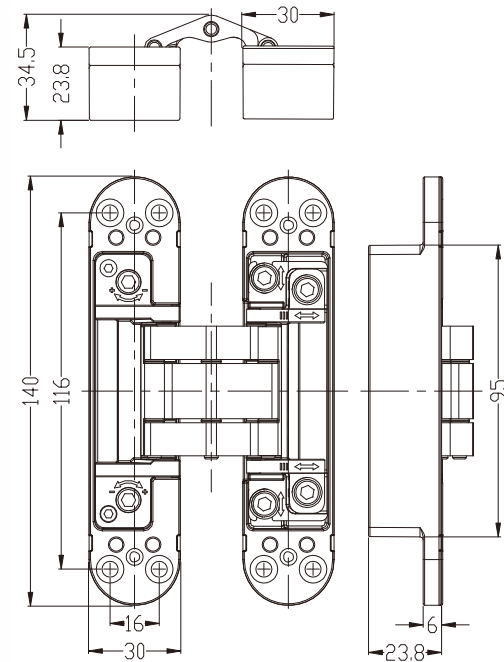
Note

Finger protection due to small gap between door and frame

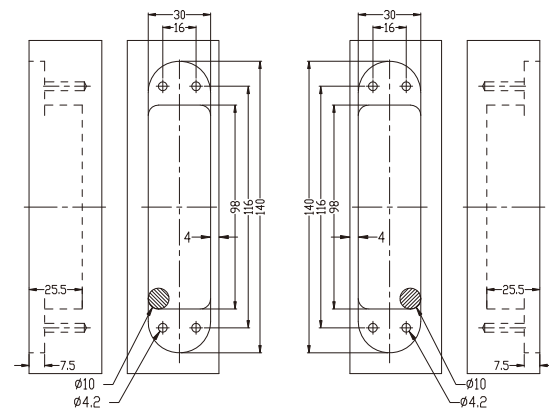
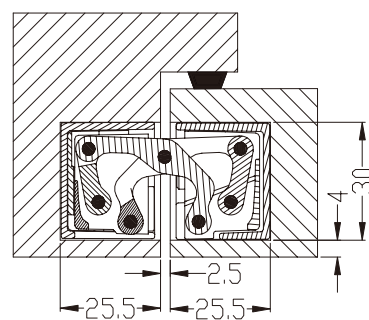
Application

Completely concealed for flush door with wood steel or aluminum frame





Cut out



Features

For wooden doors	For flush doors
Concealed installation	Adjustable after installed

Adjustments

Vertical: $\pm 3\text{mm}$, Horizontal: $+2\text{mm}, -2\text{mm}$
and depth $\pm 1\text{mm}$ Opening angle: 180°

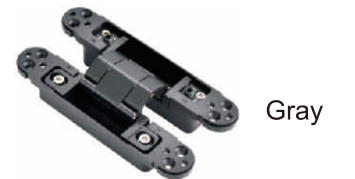
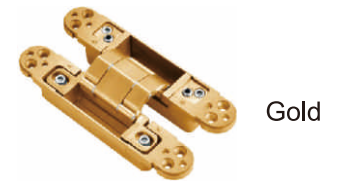
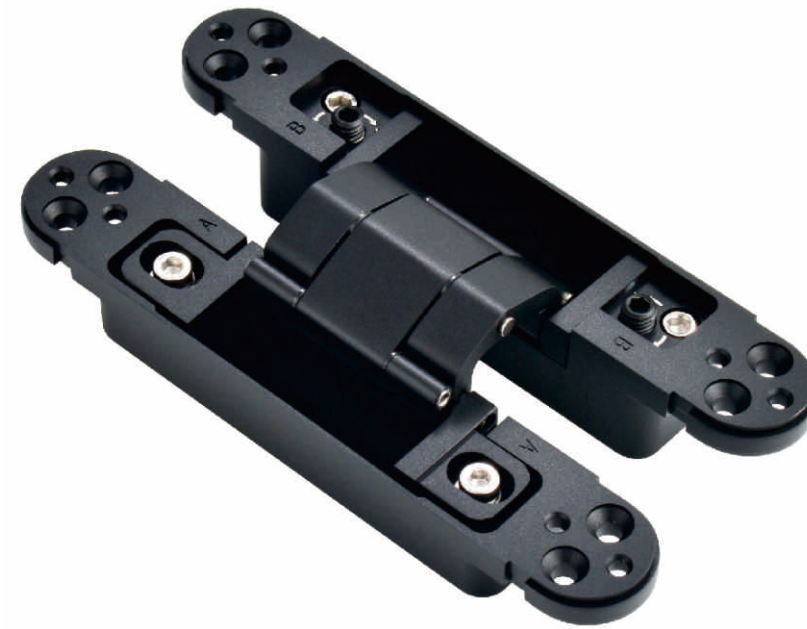
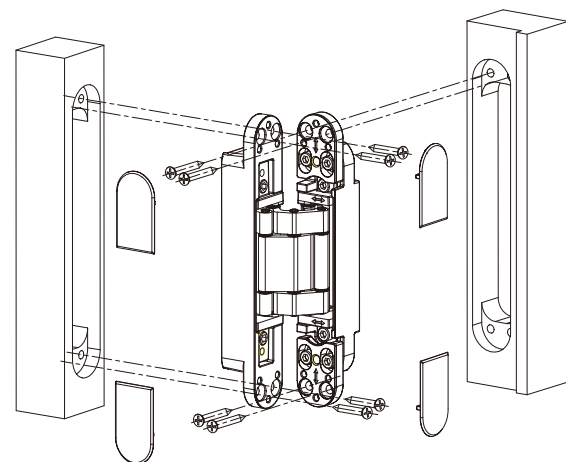
Technical Data	Max.door weight withb 2hinges : 60kg Min.door thickness : 40mm Max.door width : 1000mm Slim design for thin door : 24.5mm
Materials	Zinc Alloy, Alum
Finishes	Chrome, Nickle, Brass and Painting
Installation	Wood tapping screws, Iron screws(optional)

Note

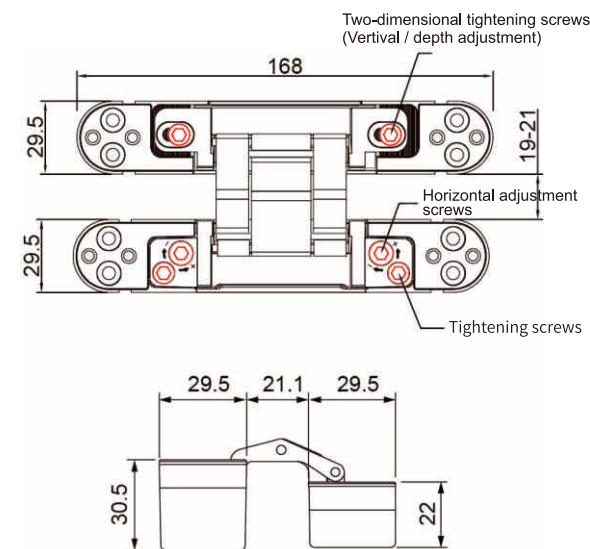
Finger protection due to small gap between door and frame

Application

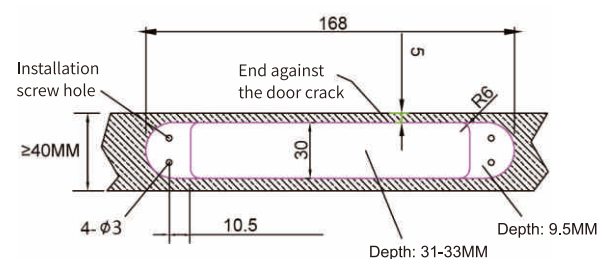
Completely concealed for flush door with wood steel or aluminum frame



Product Size

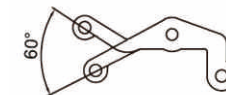


Slot Size



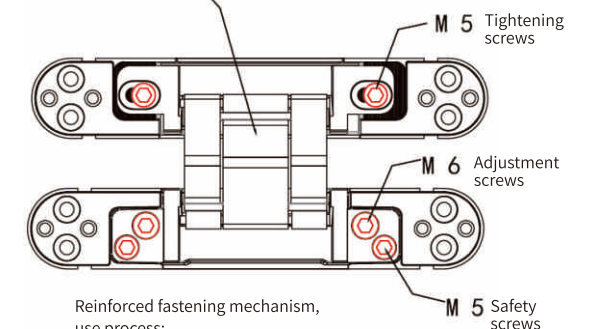
Features

**All-aluminum
alloy components**



Traditional products are made of zinc alloy die-cast material, which has insufficient toughness and low impact resistance. Closed door vibration can easily lead to fracture, which is not conducive to actual use.

Forged aluminum alloy rocker arm,
bent 60° and constantly cracked



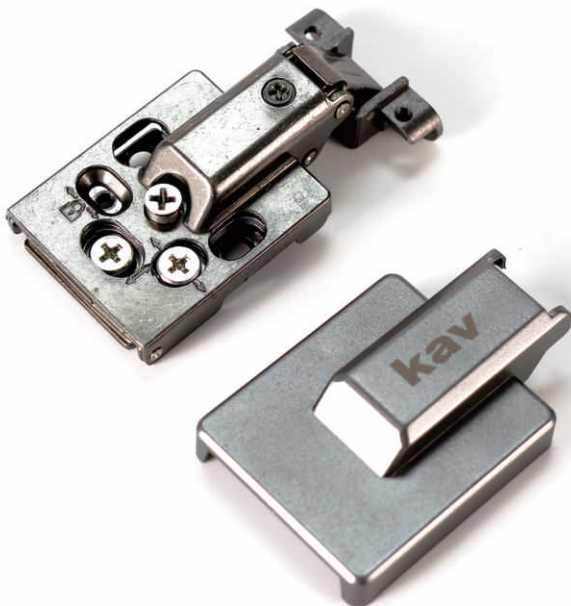
Reinforced fastening mechanism,
use process:
Door leaf does not deviate

Adjustments

Door Heavy	Number of hinges	Suitable for wooden doors, invisible doors
Less than 80KG	2pcs	
Less than 120KG	3pcs	

The load bearing capacity of a single hinge is 40KG/pcs,
and the number of hinge is determined according to the door weight and size.

BA01JL-L Hinge for Aluminum door



Applicable door panel thickness: 18-26mm
Opening angle: 95 °± 3 °
Three dimensional adjustment: left and right ± 2
Main material: Zinc alloy
Surface treatment: spray coating
Product features: Silent buffering, innovative stroke adjustment system, three-stage force fixed three-dimensional adjustable hydraulic damping.
Available colors: black, light gray, custom color
Packaging specification: 100 pieces/box

BA01JL-M Hinge for Wooden door



Applicable door panel thickness: 18-26mm
Opening angle: 95 °± 3 °
Three dimensional adjustment: left and right ± 2
Main material: Zinc alloy
Surface treatment: spray coating
Product features: Silent buffering, innovative stroke adjustment system, three-stage force fixed three-dimensional adjustable hydraulic damping.
Available colors: black, light gray, custom color
Packaging specification: 100 pieces/box

Door Size Calculation

Full overlay

Side board
DOOR

Half overlay

Side board
DOOR 1 DOOR 2

Insert

Side board
DOOR

H=14+K-D

D	H	K	3	4	5	6	7	8
0	17	18	19	20	21	22		
2	15	16	17	18	19	20		
4	13	14	15	16	17	18		

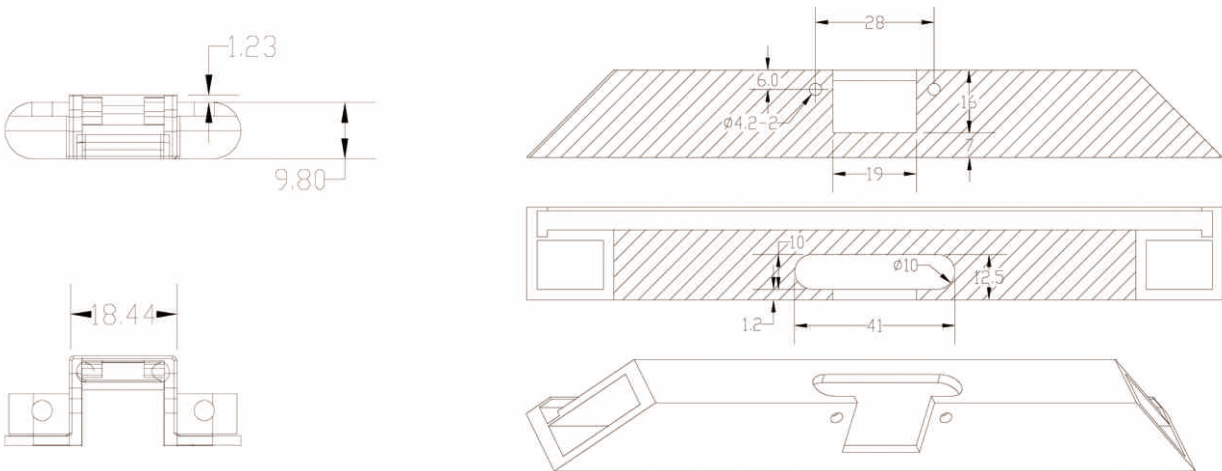
H=14+K-D

D	H	K	3	4	5	6	7	8
0	7	8	9	10	11	12		
2	5	6	7	8	9	10		
4	3	4	5	6	7	8		

H= 14+K+A

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

Aluminum Profile Opening For Hinged Cup



Door Size Calculation

Full overlay

Side board
DOOR

Half overlay

Side board
DOOR 1 DOOR 2

Insert

Side board
DOOR

H=14+K-D

D	H	K	3	4	5	6	7	8
0	17	18	19	20	21	22		
2	15	16	17	18	19	20		
4	13	14	15	16	17	18		

H=14+K-D

D	H	K	3	4	5	6	7	8
0	7	8	9	10	11	12		
2	5	6	7	8	9	10		
4	3	4	5	6	7	8		

H= 14+K+A

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

Drilling For Cup

