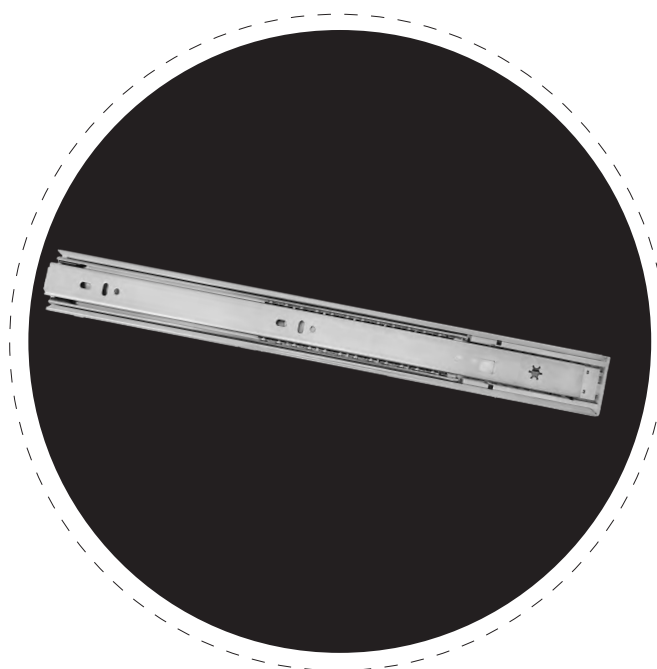


# FURNITURE FITTINGS GENERAL CATALOGUE



# CABINET HINGES

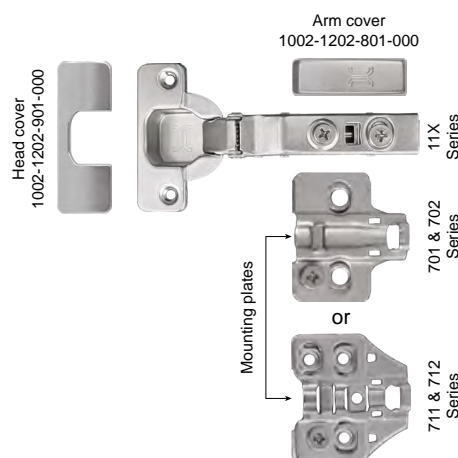


## ITEM CODE: 1002-1202-11X SERIES

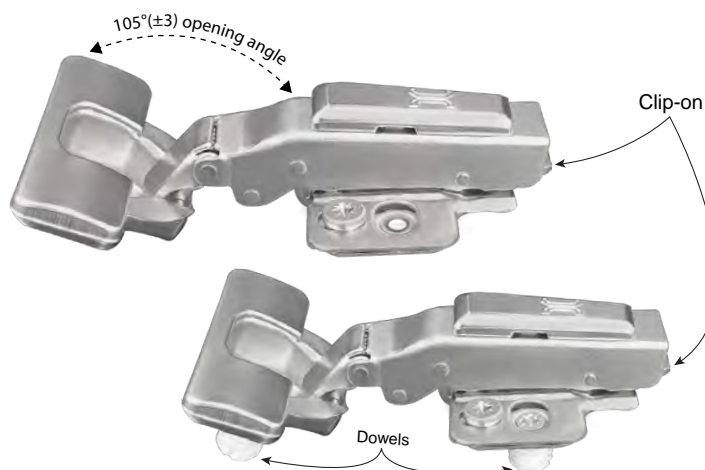
### CLIP-ON CABINET HINGE, OPENING ANGLE: 105° (±3)

#### Features:

- For leaf thickness 14-22 mm.
- Opening angle **105°(±3)**, soft-close hinge.
- Two-way hinge.
- Soft closing starts as early as 5° opening angle.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 80,000 cycles.



Illustrated hinge 11X Series with mounting plate 701 & 702 Series



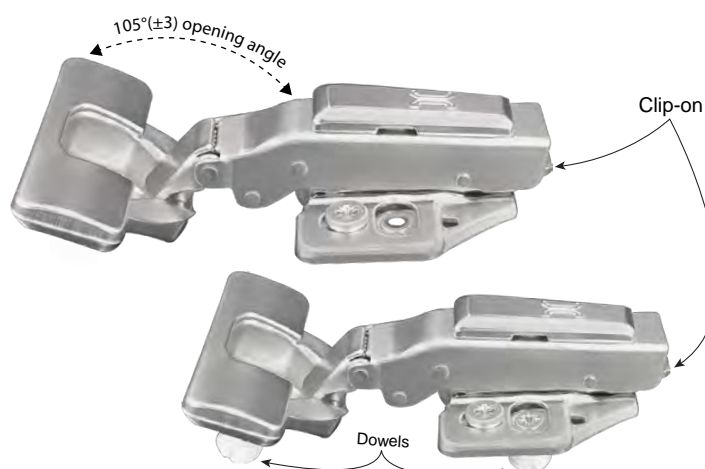
Illustrated mounting plate 701 Series



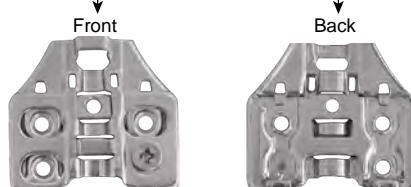
Illustrated mounting plate 702 Series (with dowel)



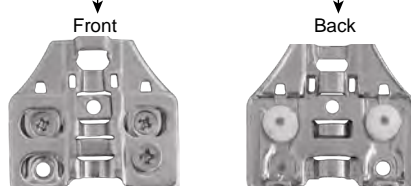
Illustrated hinge 11X Series with mounting plate 711 & 712 Series



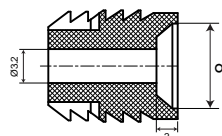
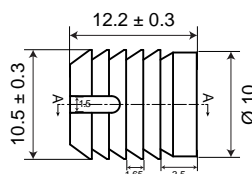
Illustrated mounting plate 711 Series



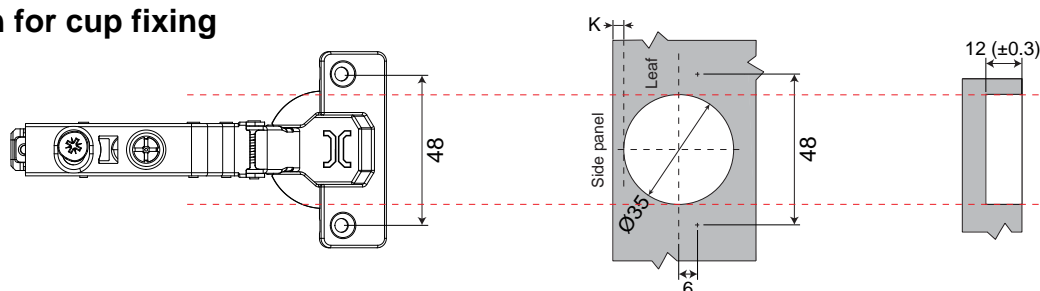
Illustrated mounting plate 712 Series (with dowel)



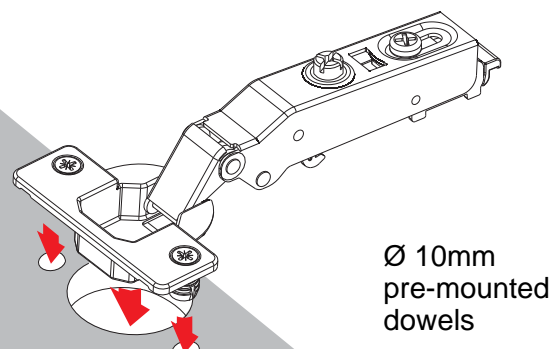
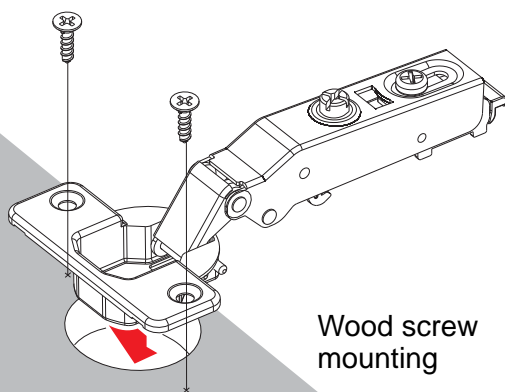
Dowel dimensions  
Ø 10 mm



## Drilling pattern for cup fixing



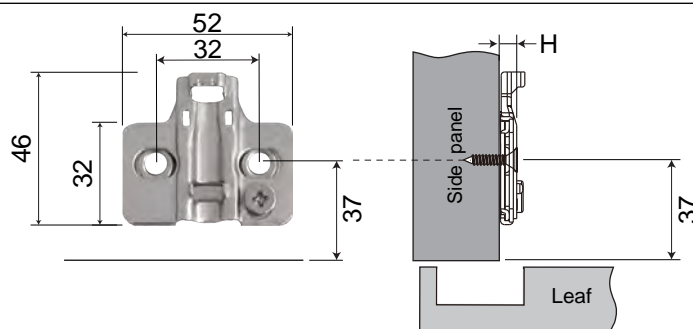
## Cup installation



## Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

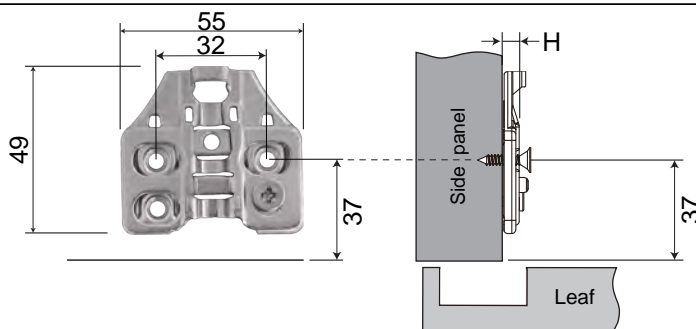
H0: 1002-1202-701-000	1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002	1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004	1002-1202-702-004 (with dowel)



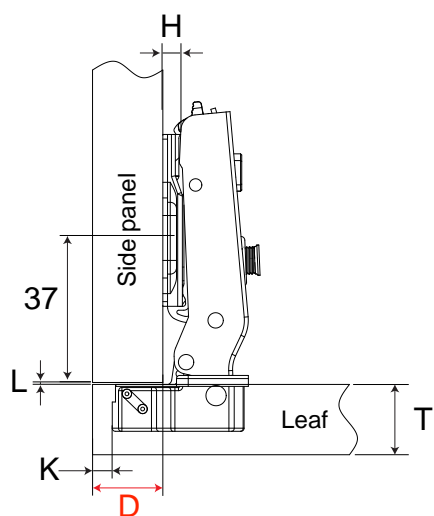
## Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000	1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002	1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004	1002-1202-712-004 (with dowel)





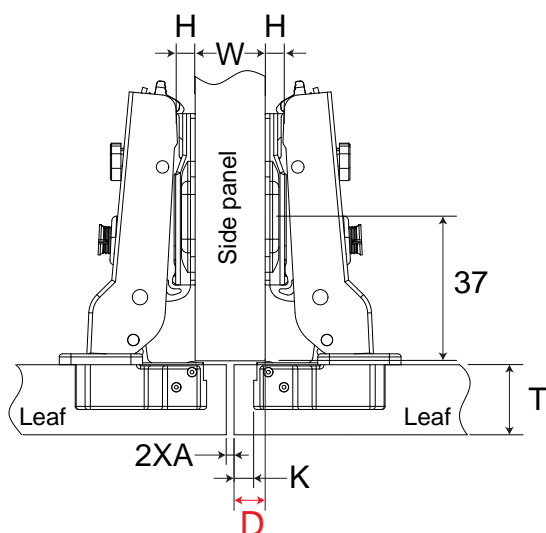


## FULL OVERLAY

Art #:1002-1202-111-000 &  
1002-1202-114-000 (with dowel)

$$H = 16 + K - D$$

D \ K	3	4	5	6	7	
H	0	19	20	21	22	23
2	17	18	19	20	21	
4	15	16	17	18	19	

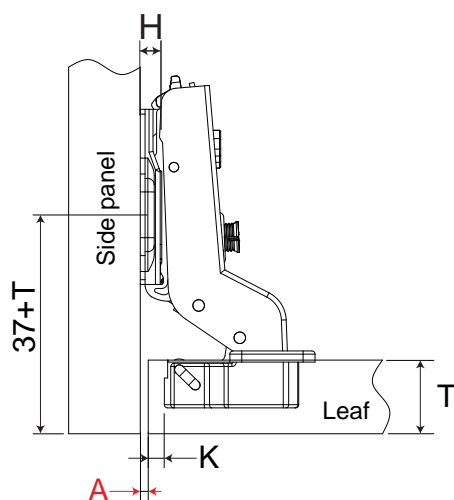


## HALF OVERLAY

Art #:1002-1202-112-000 &  
1002-1202-115-000 (with dowel)

$$H = 6 + K - D$$

D \ K	3	4	5	6	7	
H	0	9	10	11	12	13
2	7	8	9	10	11	
4	5	6	7	8	9	



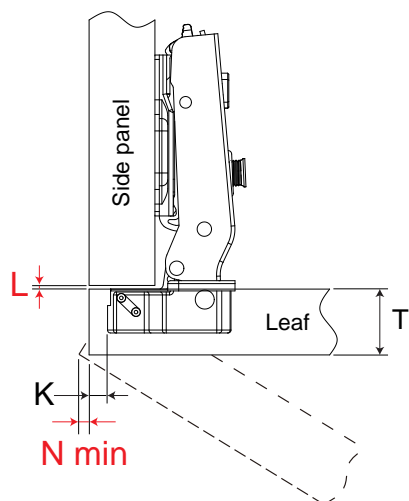
## INSET

Art #:1002-1202-113-000 &  
1002-1202-116-000 (with dowel)

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

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

## Minimum reveal table



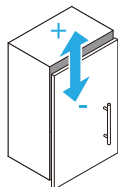
K= Boring distance  
T= Leaf thickness  
N= Minimum gap  
L= Gap between leaf & side panel

N	T	14	15	16	17	18	19	20	21	22
3	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6	
4	0.3	0.5	0.7	0.9	1.1	1.4	1.8	2.1	2.5	
5	0.2	0.4	0.6	0.9	1.1	1.4	1.7	2.0	2.4	
6	0.2	0.4	0.6	0.8	1.1	1.3	1.6	2.0	2.4	
7	0.2	0.4	0.5	0.8	1.0	1.3	1.6	1.9	2.3	

L	T	14	15	16	17	18	19	20	21	22
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
5	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	
6	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	
7	2.0	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9	

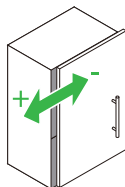
Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leaves having round corner edges, the parameters value will be reduced.

## Hinge adjustment



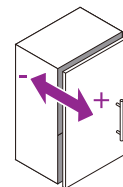
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



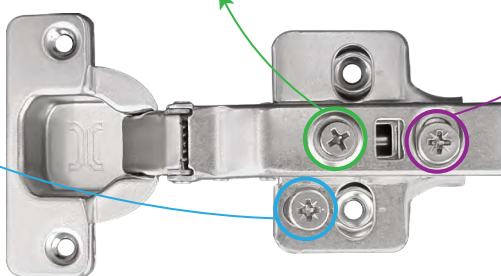
### Overlay adjustment

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -3mm, +3mm.



### Depth adjustment

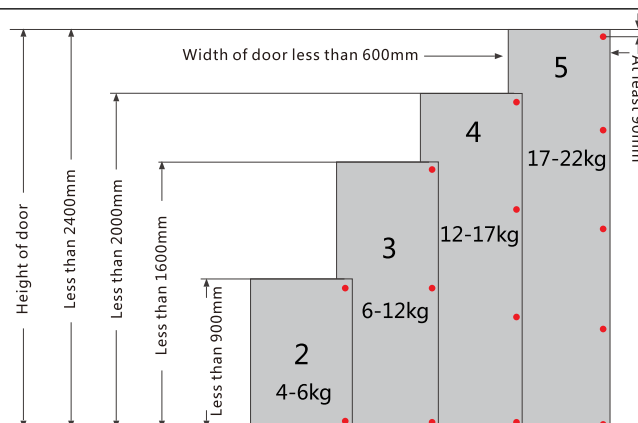
Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



### Notes:

- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjust ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

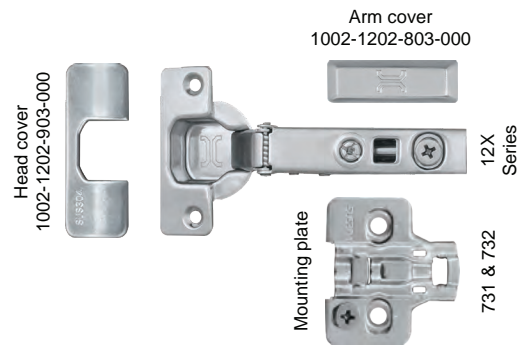


## ITEM CODE: 1002-1202-12X SERIES

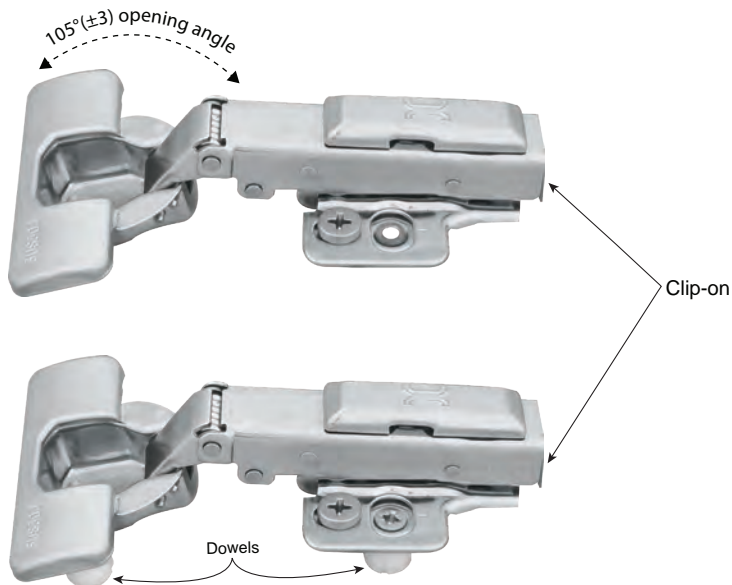
### CLIP-ON CABINET HINGE, OPENING ANGLE: 105° (±3)

#### Features:

- For leaf thickness 14-22 mm.
- Opening angle **105°(±3)**, soft-close hinge.
- One-way hinge.
- Damper (buffer) in copper material.
- Base material: Hinge, mounting plate, arm cover & head cover are made in stainless steel (SUS304).
- Finish: Polished stainless steel (PSS).
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



Illustrated hinge 12X Series with mounting plate 731 & 732 Series



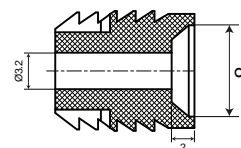
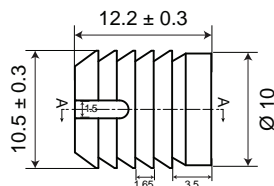
Illustrated mounting plate 701 Series



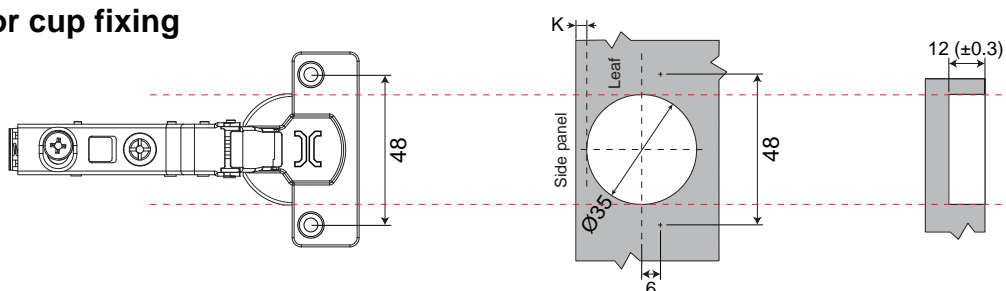
Illustrated mounting plate 702 Series (with dowel)



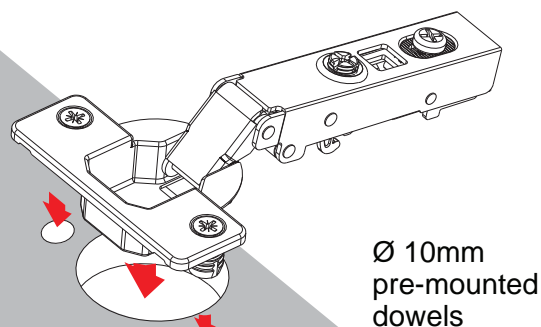
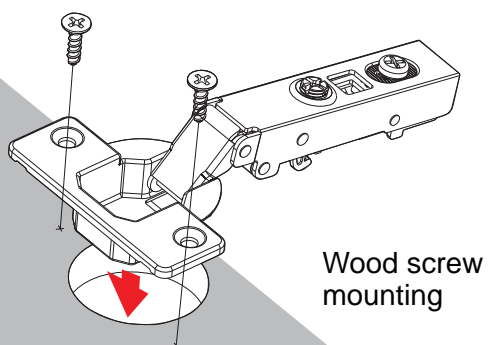
Dowel dimensions  
Ø 10 mm



## Drilling pattern for cup fixing

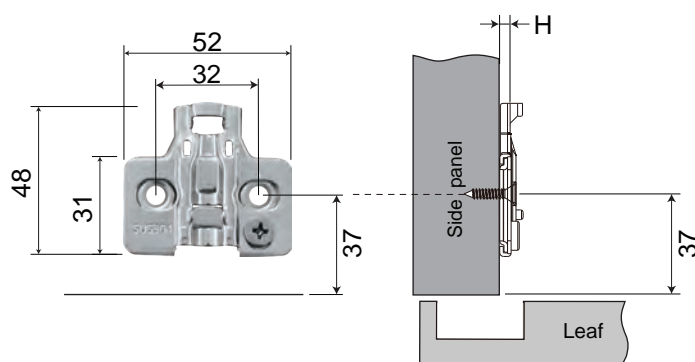


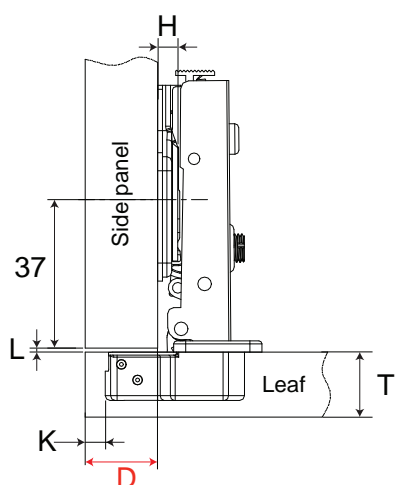
## Cup installation



## Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Stainless steel (SUS304).
- Finish: Polished stainless steel (PSS).
- Height:
  - H0: 1002-1202-731-000
  - 1002-1202-732-000 (with dowel)



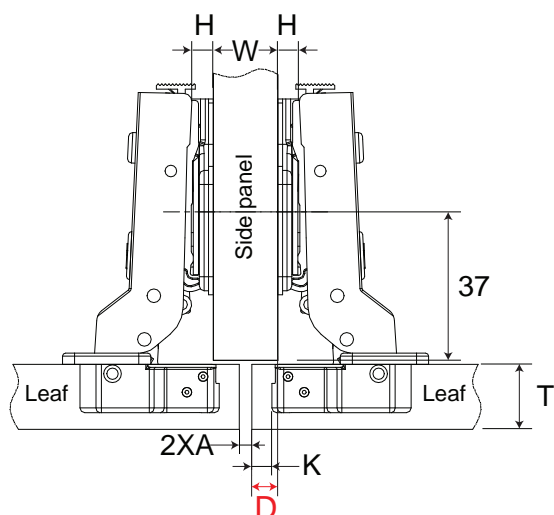


## FULL OVERLAY

Art #:1002-1202-121-000 &  
1002-1202-124-000 (with dowel)

$$H = 14 + K - D$$

$\begin{matrix} D & K \\ H \end{matrix}$	3	4	5	6	7
0	17	18	19	20	21
2	15	16	17	18	19
4	13	14	15	16	17

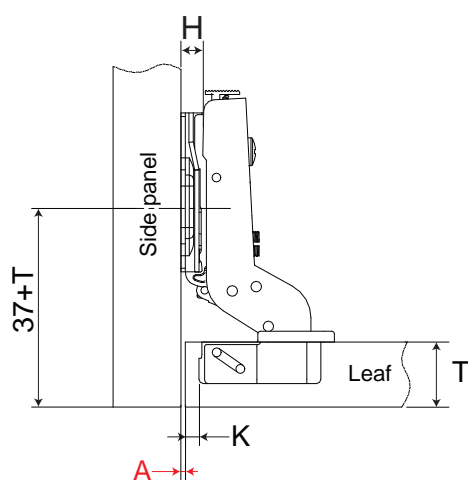


## HALF OVERLAY

Art #:1002-1202-122-000 &  
1002-1202-125-000 (with dowel)

$$H = 4 + K - D$$

$\begin{matrix} D & K \\ H \end{matrix}$	3	4	5	6	7
0	7	8	9	10	11
2	5	6	7	8	9
4	3	4	5	6	7



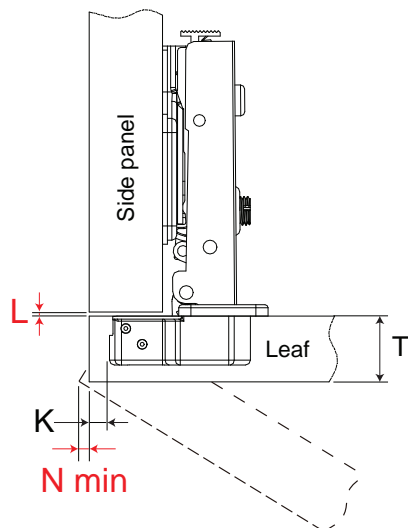
## INSET

Art #:1002-1202-123-000 &  
1002-1202-126-000 (with dowel)

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

$\begin{matrix} A & K \\ H \end{matrix}$	3	4	5	6	7
0	1	0	-1	-2	-3
2	3	2	1	0	-1
4	5	4	3	2	1

## Minimum reveal table



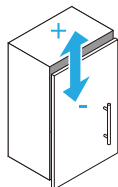
K= Boring distance  
T= Leaf thickness  
N= Minimum gap  
L= Gap between leaf & side panel

N	T	14	15	16	17	18	19	20	21	22
K										
3	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.2	2.6	
4	0.3	0.5	0.7	0.9	1.1	1.4	1.8	2.1	2.5	
5	0.2	0.4	0.6	0.9	1.1	1.4	1.7	2.0	2.4	
6	0.2	0.4	0.6	0.8	1.1	1.3	1.6	2.0	2.4	
7	0.2	0.4	0.5	0.8	1.0	1.3	1.6	1.9	2.3	

L	T	14	15	16	17	18	19	20	21	22
K										
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2
5	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	
6	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	
7	2.0	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9	

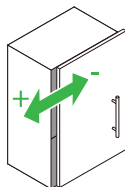
Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leaves having round corner edges, the parameters value will be reduced.

## Hinge adjustment



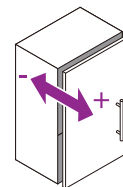
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



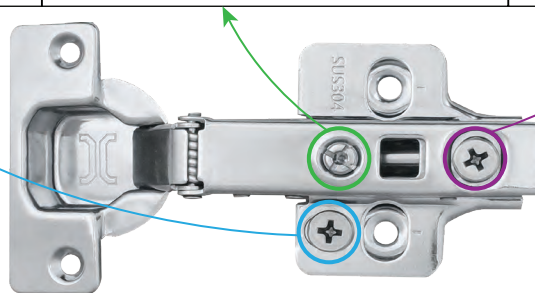
### Overlay adjustment

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -3mm, +3mm.



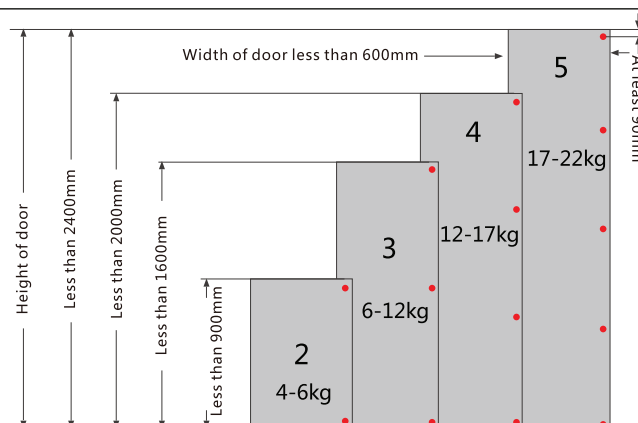
### Depth adjustment

Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



Note:  
The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

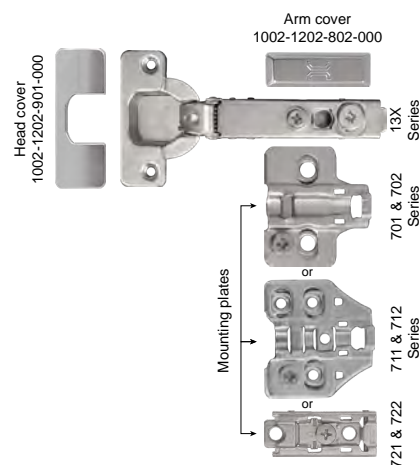


## ITEM CODE: 1002-1202-13X SERIES

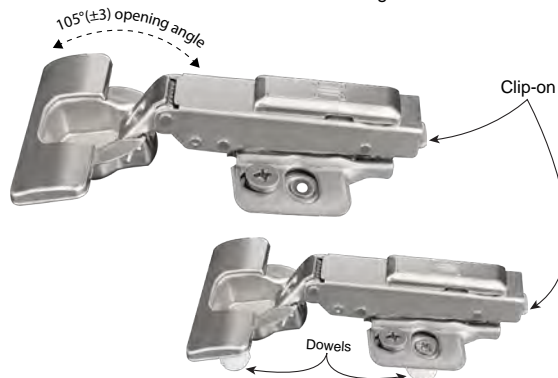
### CLIP-ON CABINET HINGE, OPENING ANGLE: 105° (±3)

#### Features:

- For leaf thickness 14-22 mm.
- Opening angle **105°(±3)**, soft-close hinge.
- 1.5-way hinge.
- Soft closing starts as early as 10° opening angle.
- Dumper (buffer) in steel with plastic cover.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



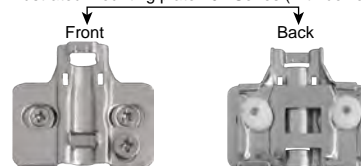
Illustrated hinge 13X Series with mounting plate 701 & 702 Series



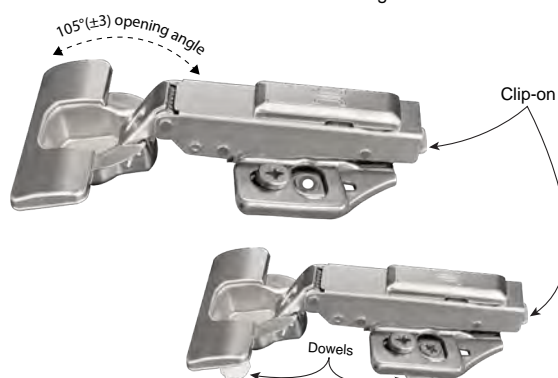
Illustrated mounting plate 701 Series



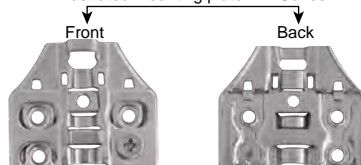
Illustrated mounting plate 702 Series (with dowel)



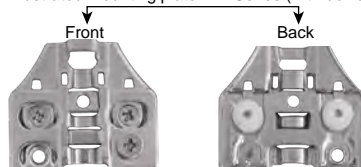
Illustrated hinge 13X Series with mounting plate 711 & 712 Series



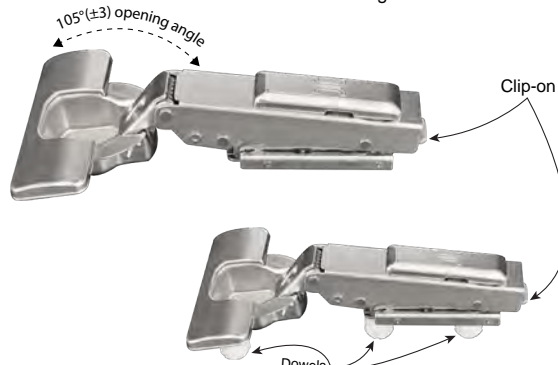
Illustrated mounting plate 711 Series



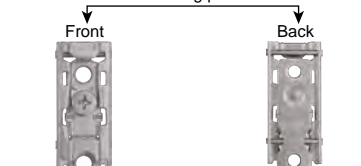
Illustrated mounting plate 712 Series (with dowel)



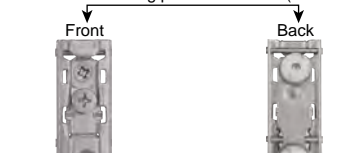
Illustrated hinge 13X Series with mounting plate 721 & 722 Series



Illustrated mounting plate 721 Series

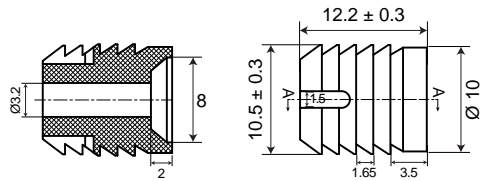


Illustrated mounting plate 722 Series (with dowel)

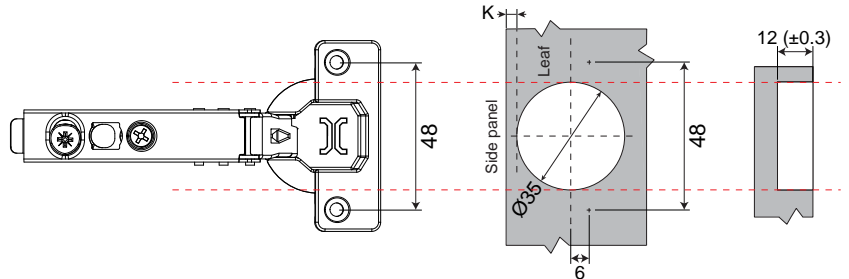




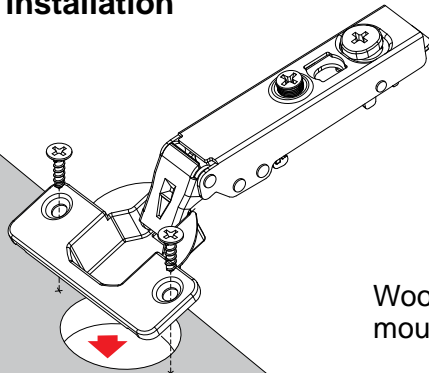
## Dowel dimensions Ø 10 mm



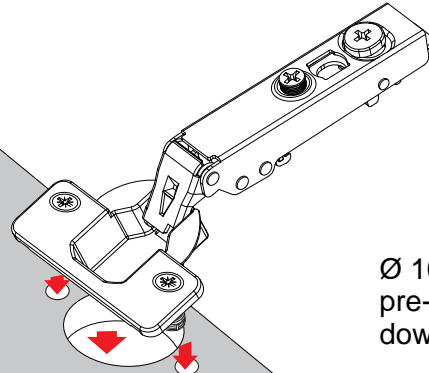
## Drilling pattern for cup fixing



## Cup installation



Wood screw  
mounting

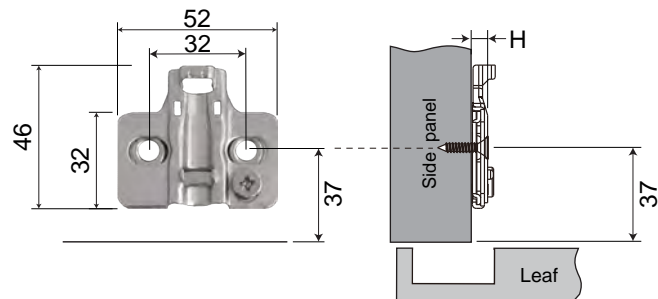


Ø 10mm  
pre-mounted  
dowels

### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

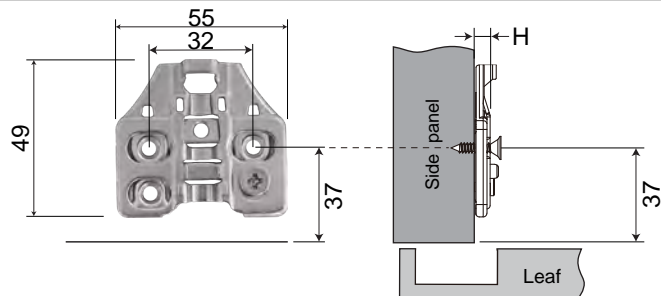
H0: 1002-1202-701-000	1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002	1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004	1002-1202-702-004 (with dowel)



### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

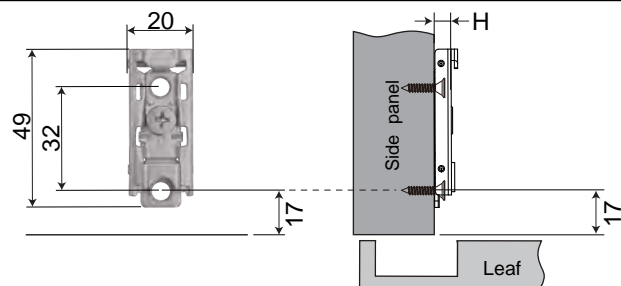
H0: 1002-1202-711-000	1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002	1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004	1002-1202-712-004 (with dowel)

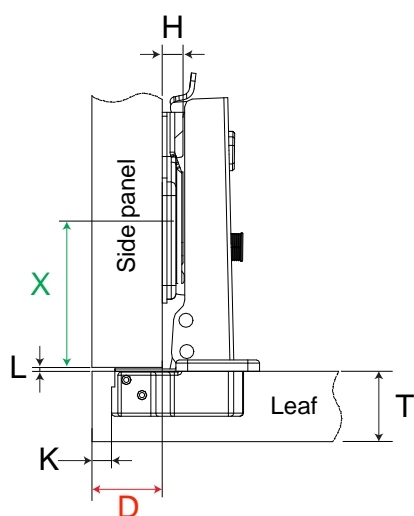


### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 17 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-721-000	1002-1202-722-000 (with dowel)
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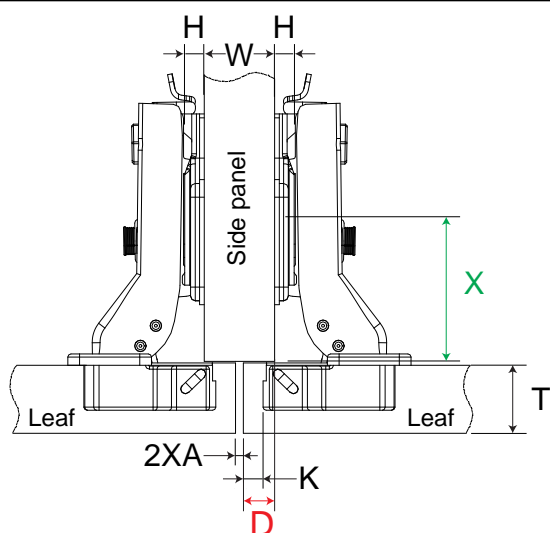
## FULL OVERLAY

Art #:1002-1202-131-000 &  
1002-1202-134-000 (with dowel)

$$H = 14 + K - D$$

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

X= 17 mm for 721 & 722 mounting plates.  
X= 37 mm for 701 & 702 series mounting plates.  
X= 37 mm for 711 & 712 series mounting plates.



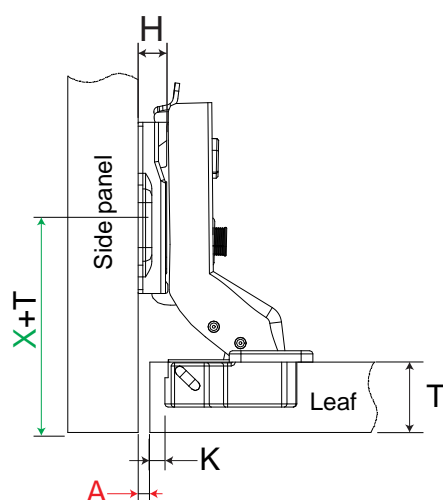
## HALF OVERLAY

Art #:1002-1202-132-000 &  
1002-1202-135-000 (with dowel)

$$H = 4 + K - D$$

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

X= 17 mm for 721 & 722 mounting plates.  
X= 37 mm for 701 & 702 series mounting plates.  
X= 37 mm for 711 & 712 series mounting plates.



## INSET

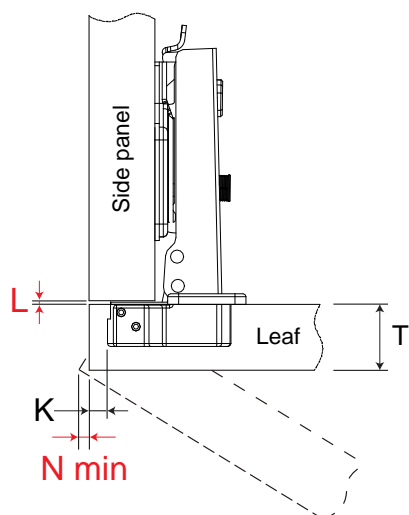
Art #:1002-1202-133-000 &  
1002-1202-136-000 (with dowel)

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

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

X= 17 mm for 721 & 722 mounting plates.  
X= 37 mm for 701 & 702 series mounting plates.  
X= 37 mm for 711 & 712 series mounting plates.

## Minimum reveal table



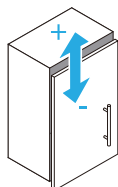
K= Boring distance  
T= Leaf thickness  
N= Minimum gap  
L= Gap between leaf & side panel

N	T	14	15	16	17	18	19	20	21	22
3	0.6	0.8	0.9	1.2	1.6	2.0	2.5	2.9	3.3	
4	0.6	0.8	0.9	1.1	1.5	1.9	2.4	2.8	3.2	
5	0.6	0.7	0.9	1.1	1.4	1.9	2.3	2.7	3.1	
6	0.5	0.7	0.9	1.0	1.3	1.8	2.2	2.6	3.0	
7	0.5	0.7	0.9	1.0	1.3	1.7	2.1	2.5	2.9	

A	T	14	15	16	17	18	19	20	21	22
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	
5	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	
6	1.0	1.3	1.5	1.8	2.0	2.3	2.5	2.8	3.0	
7	2.0	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9	

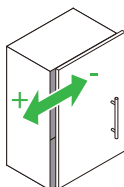
Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leaves having round corner edges, the parameters value will be reduced.

## Hinge adjustment



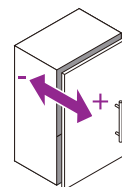
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



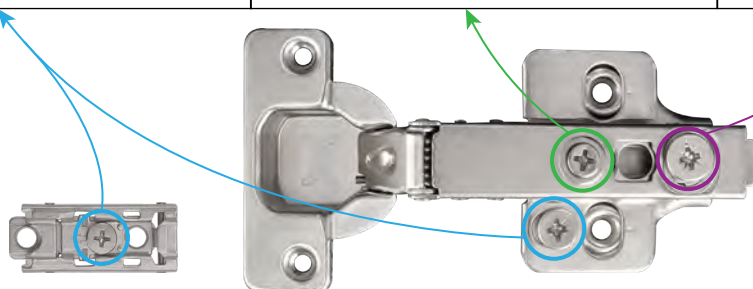
### Overlay adjustment

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -2.5mm, +2.5mm.



### Depth adjustment

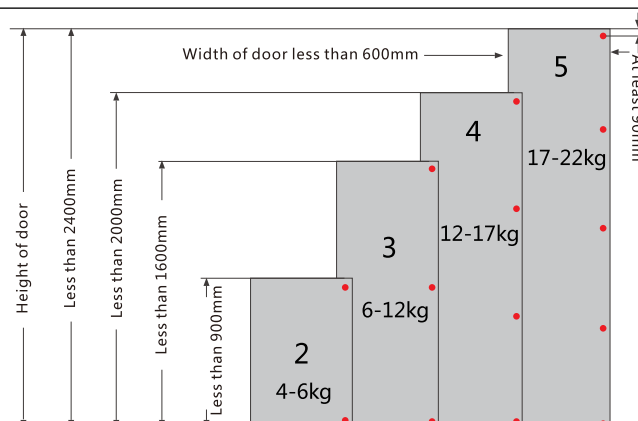
Rotate depth screw to adjust leaf gap.  
Adjust range: -2.4mm, +2.4mm.



### Notes:

- Mounting plates 701 series, 702 series, 711 series, 712 series, 721 & 722 have the same adjust ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

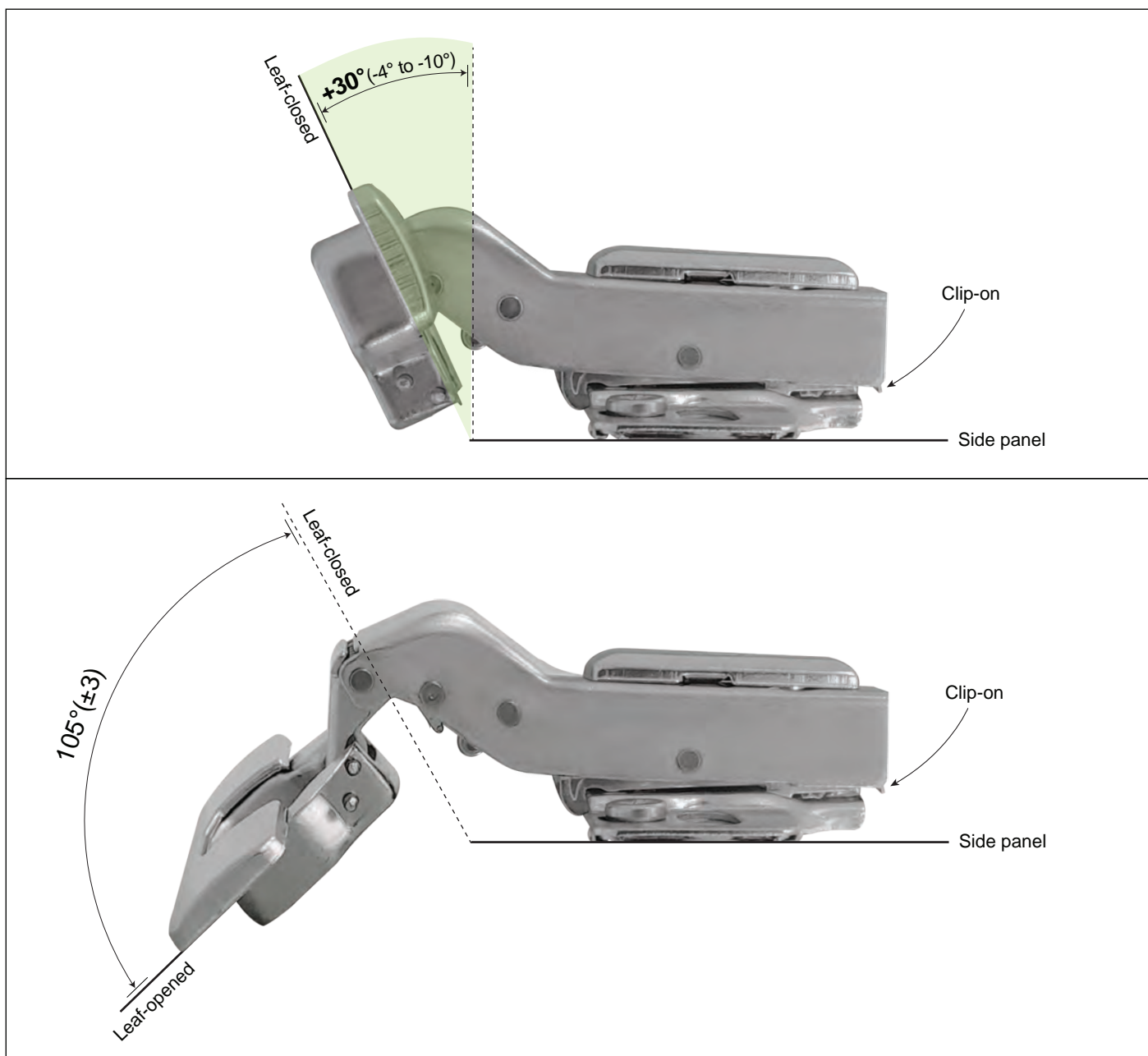
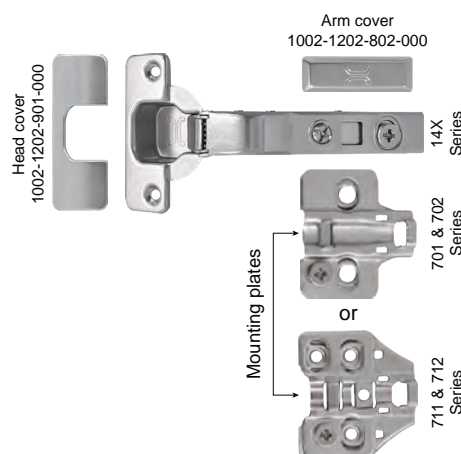


## ITEM CODE: 1002-1202-14X SERIES

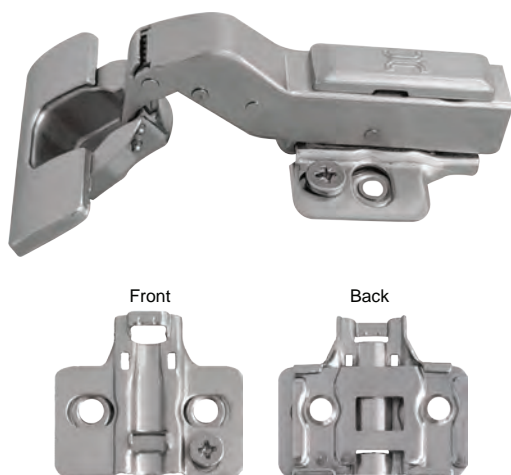
CLIP-ON CABINET HINGE, CLOSED ANGLE:  $+30^\circ$  (TOLERANCE FROM  $-4^\circ$  TO  $-10^\circ$ ) | OPENING ANGLE:  $105^\circ (\pm 3)$

### Features:

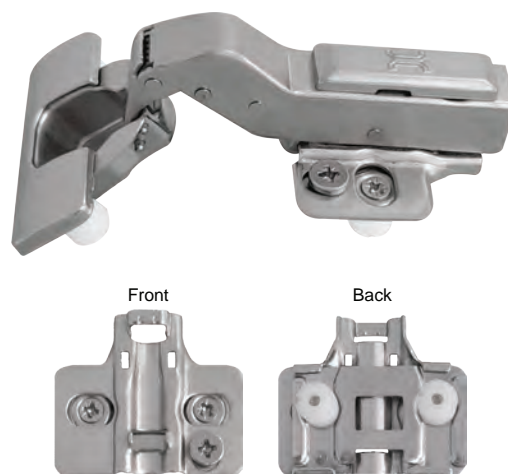
- For leaf thickness of 14-22 mm.
- $+30^\circ$  (tolerance from  $-4^\circ$  to  $-10^\circ$ ) angled hinge, opening angle  $105^\circ (\pm 3)$ , soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



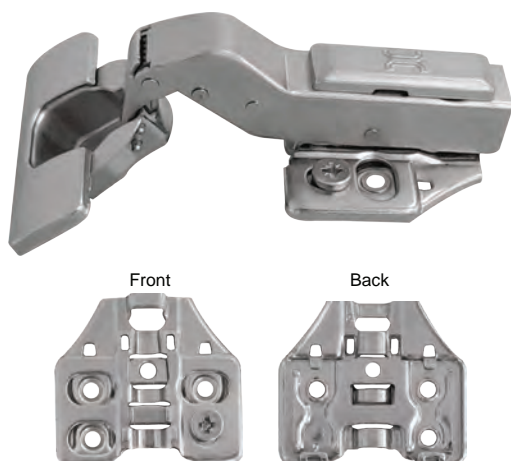
Cabinet hinge 14X Series with mounting plate 701 Series



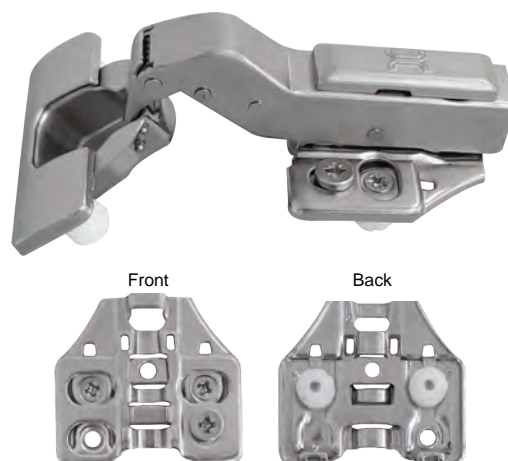
Cabinet hinge 14X Series with mounting plate 702 Series (with dowel)



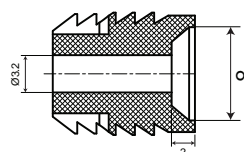
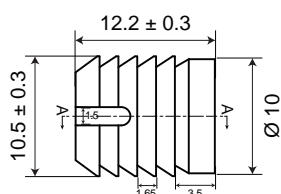
Cabinet hinge 14X Series with mounting plate 711 Series



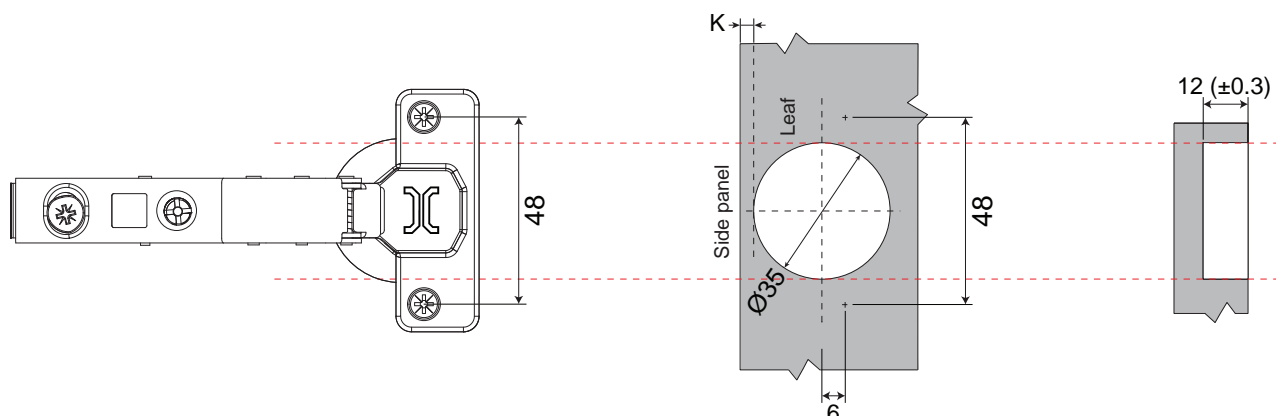
Cabinet hinge 14X Series with mounting plate 712 Series (with dowel)



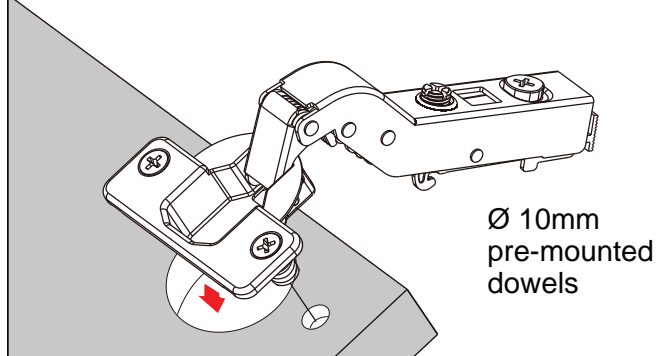
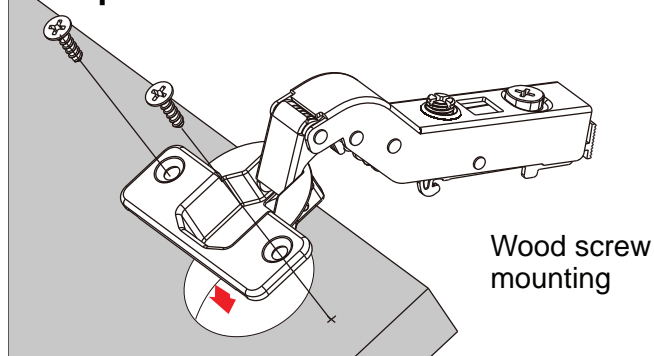
Dowel dimensions  
Ø 10 mm



## Drilling pattern for cup fixing



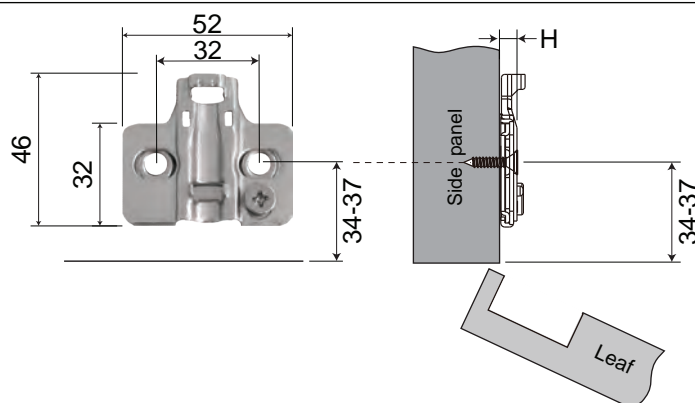
## Cup Installation



### Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

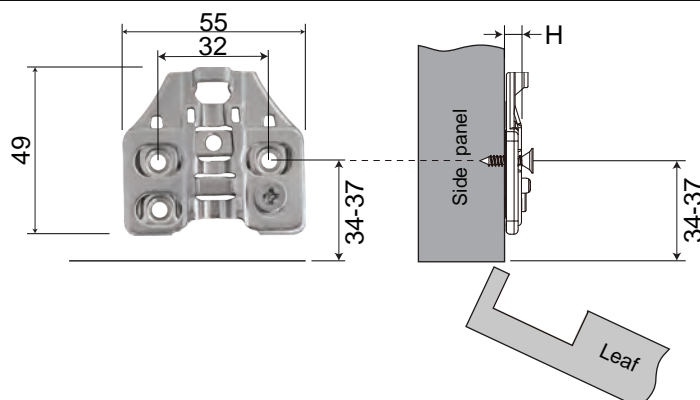
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)

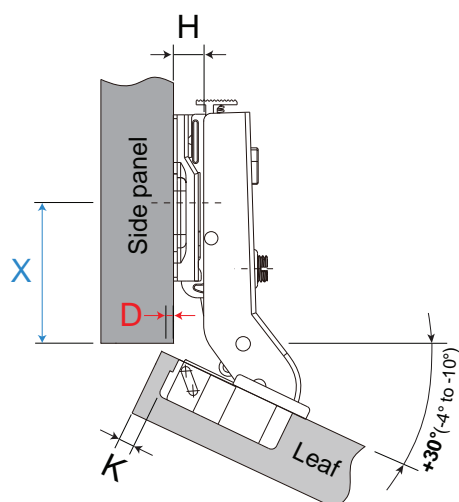


### Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000		1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002		1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004		1002-1202-712-004 (with dowel)



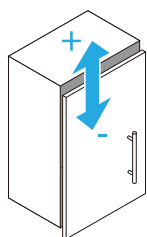


## FULL OVERLAY

Art #:1002-1202-140-030 &  
1002-1202-147-030 (with dowel)

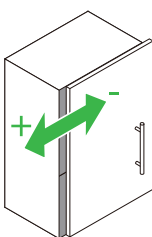
X \ D	K	4	5	6	7
H					
0	37 3	36 4	35 5	34 6	
2	37 1	36 2	35 3	34 4	
4	37 -1	36 0	35 1	34 2	

## Hinge adjustment



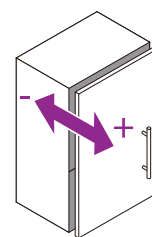
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



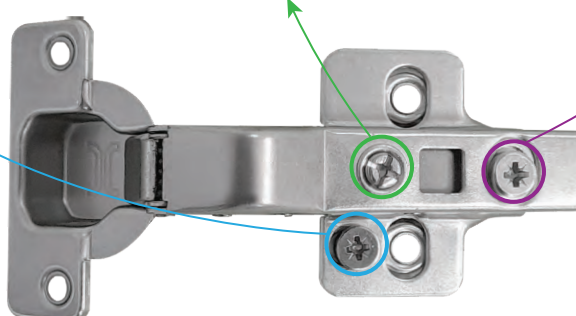
### Overlay adjustment

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -2.5mm, +2.5mm.



### Depth adjustment

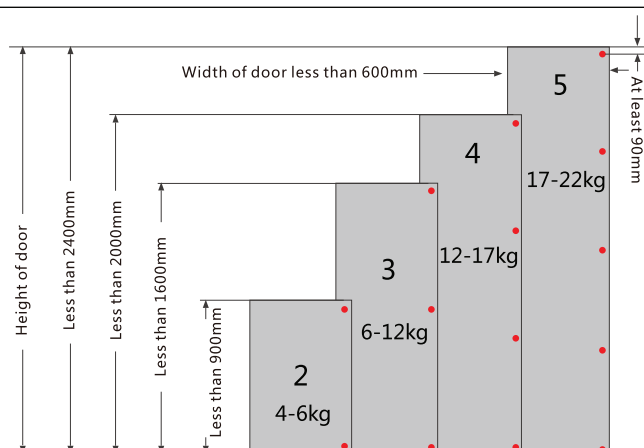
Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



### Notes:

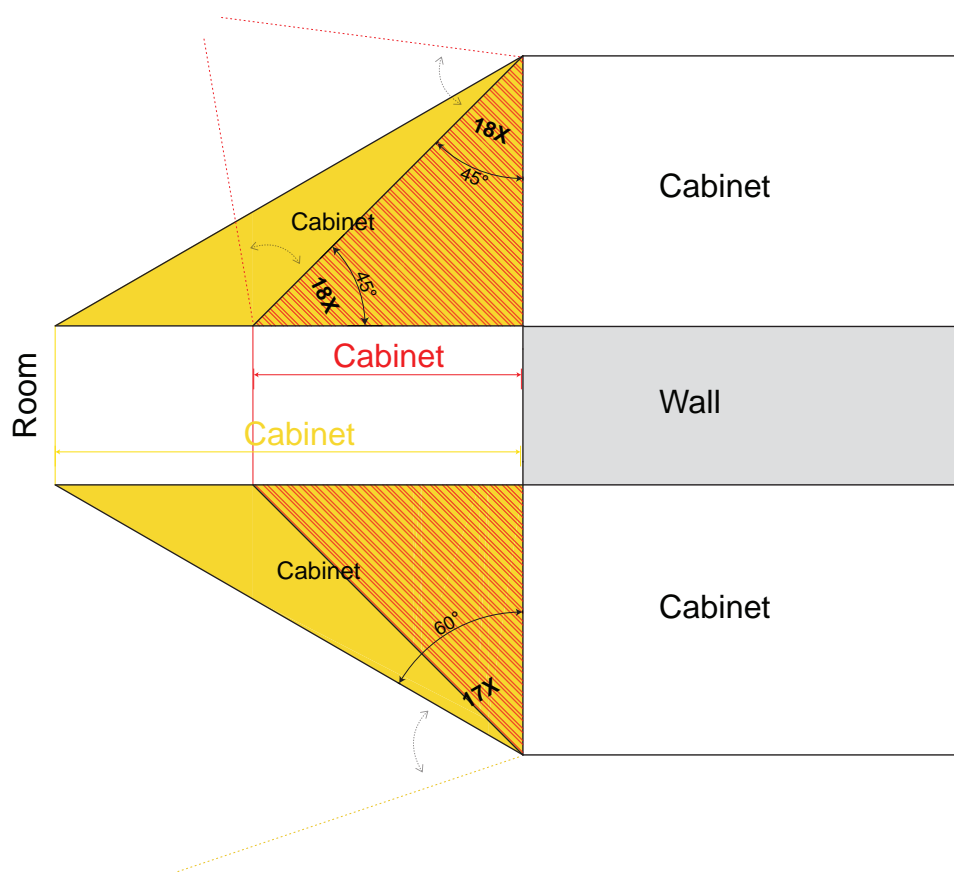
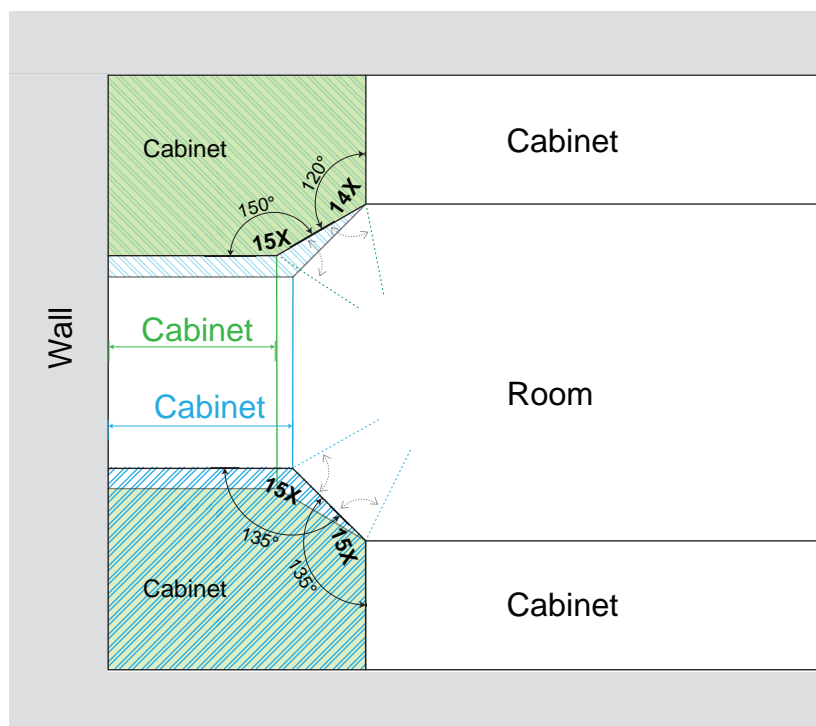
- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjustment ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

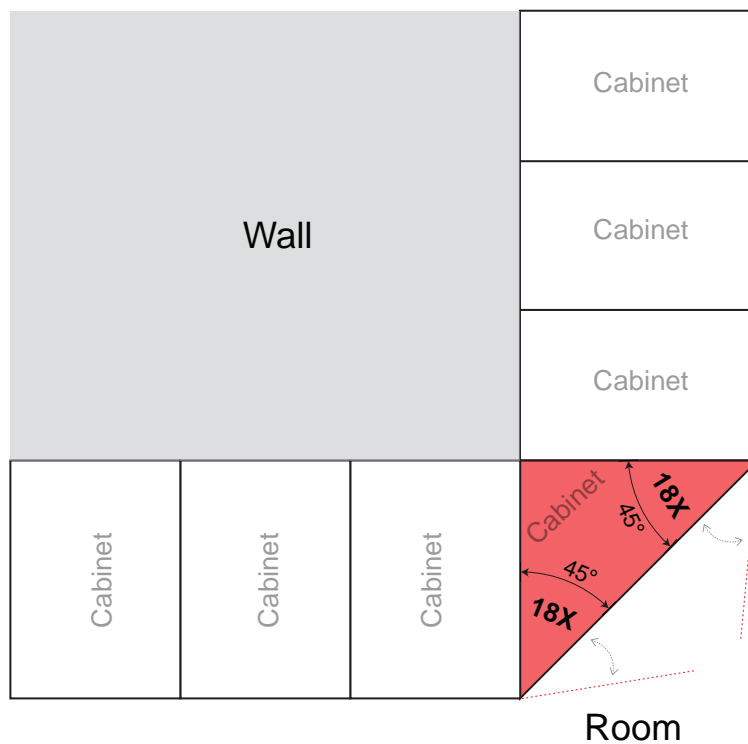
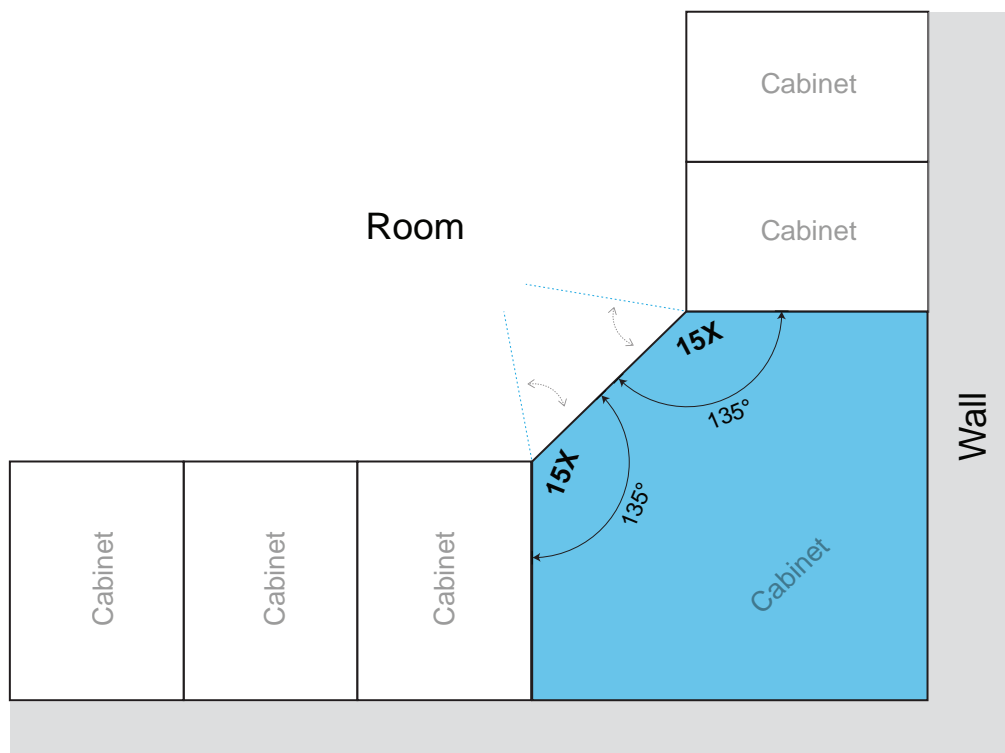




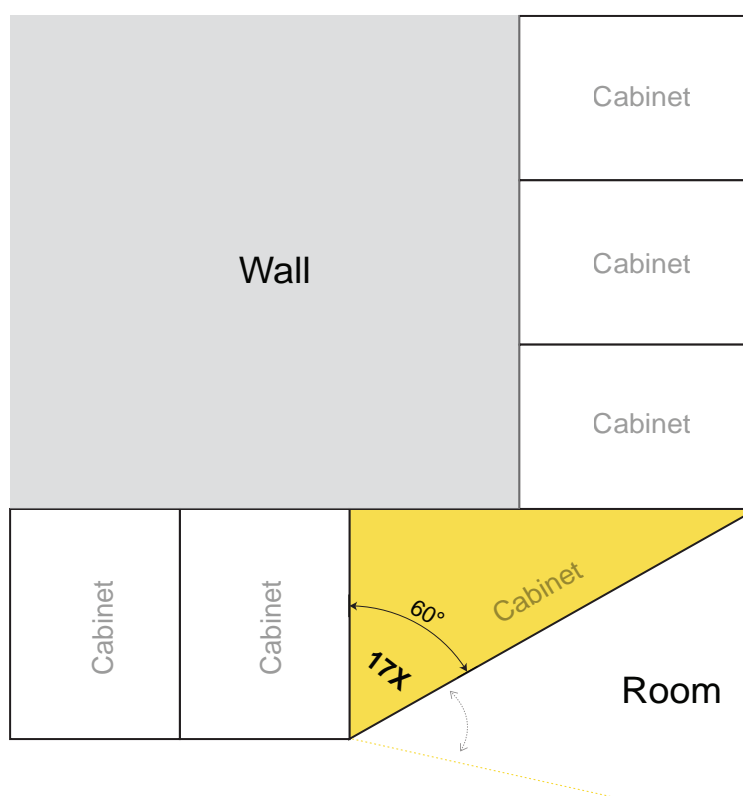
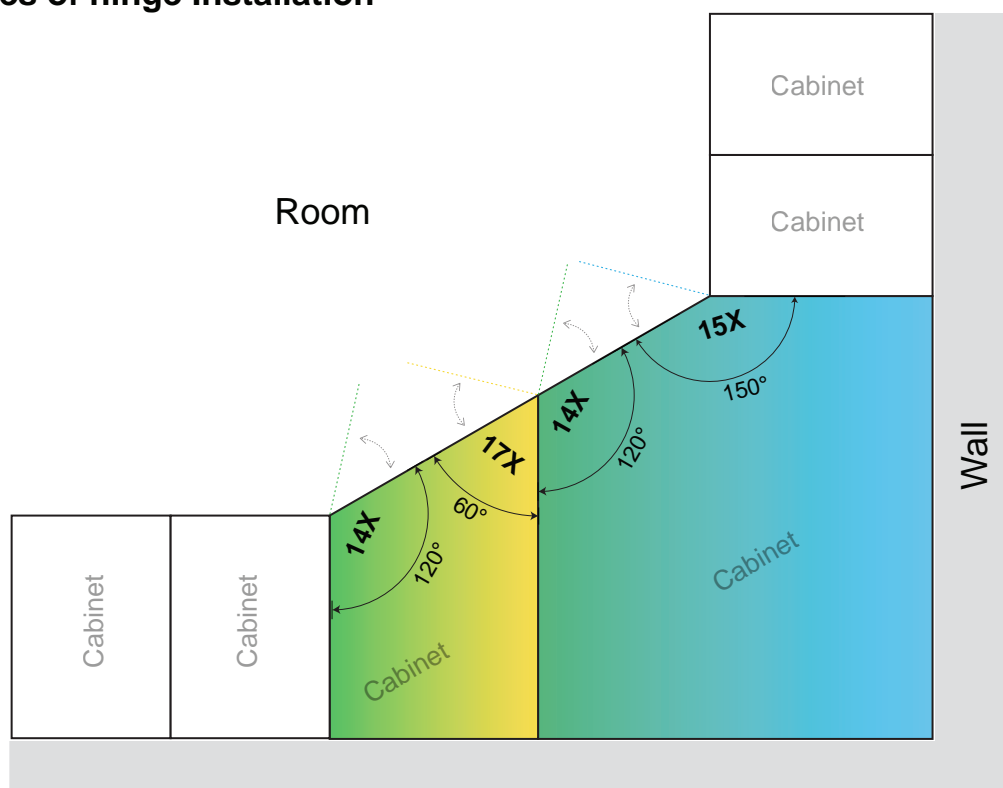
## Prototypes of hinge Installation



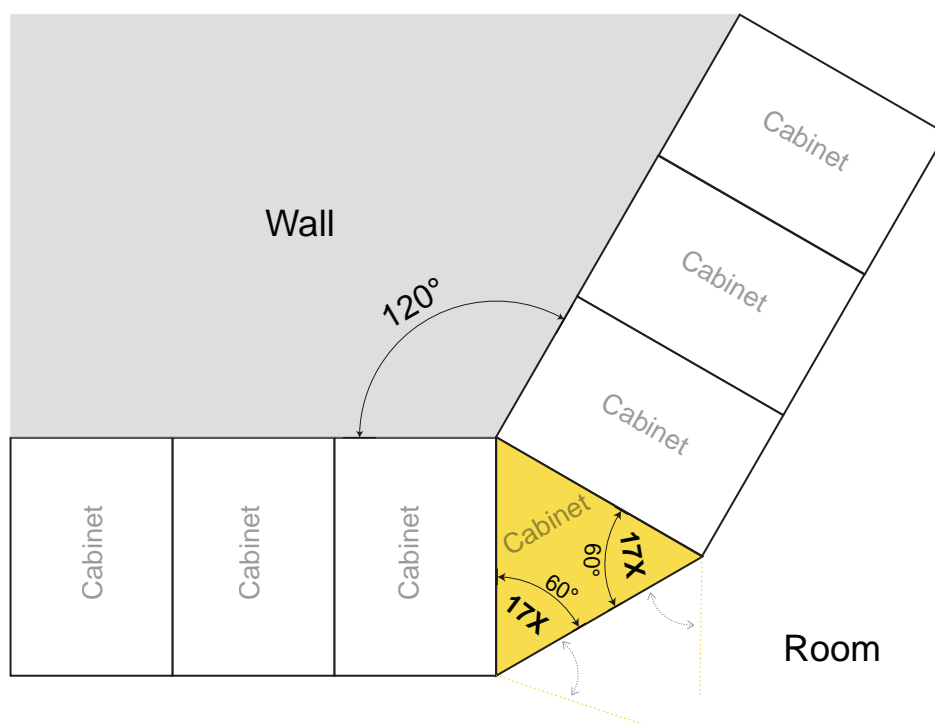
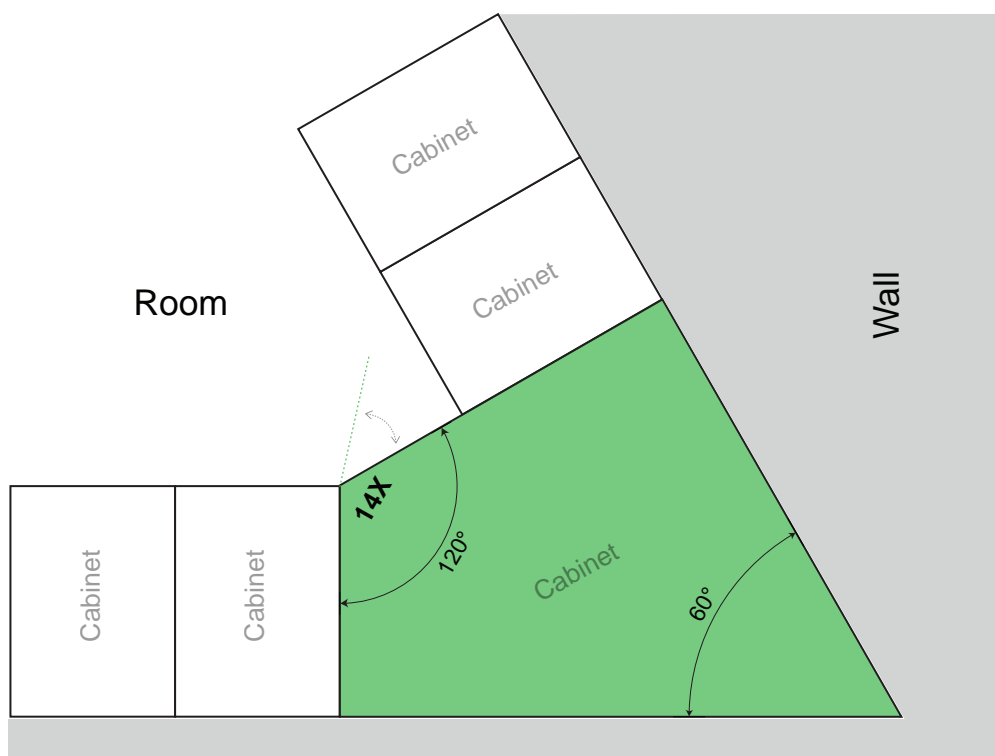
## Prototypes of hinge Installation



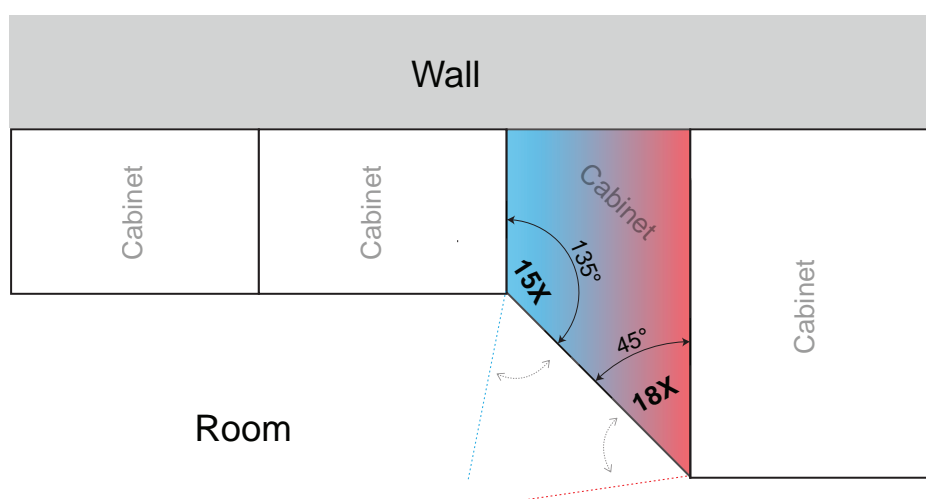
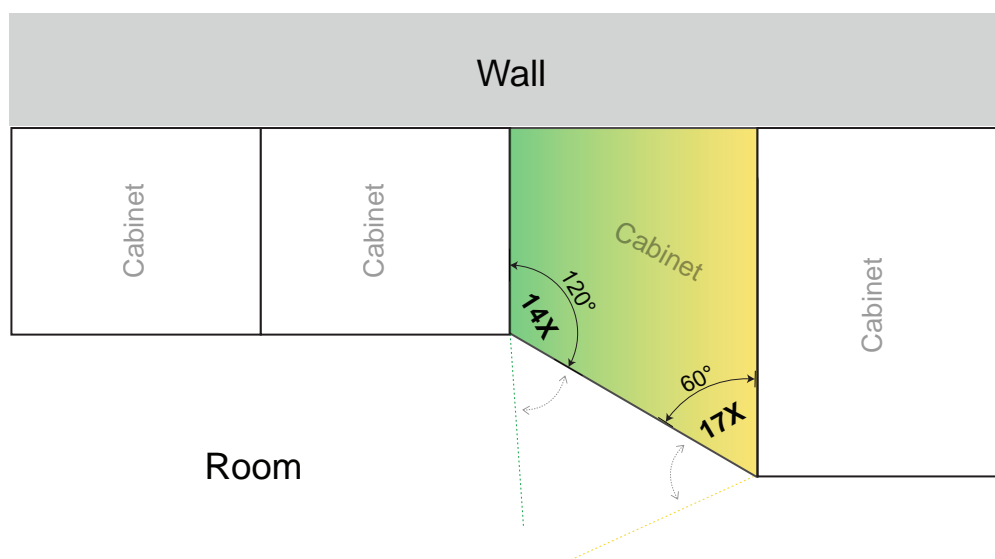
## Prototypes of hinge Installation



## Prototypes of hinge Installation



## Prototypes of hinge Installation

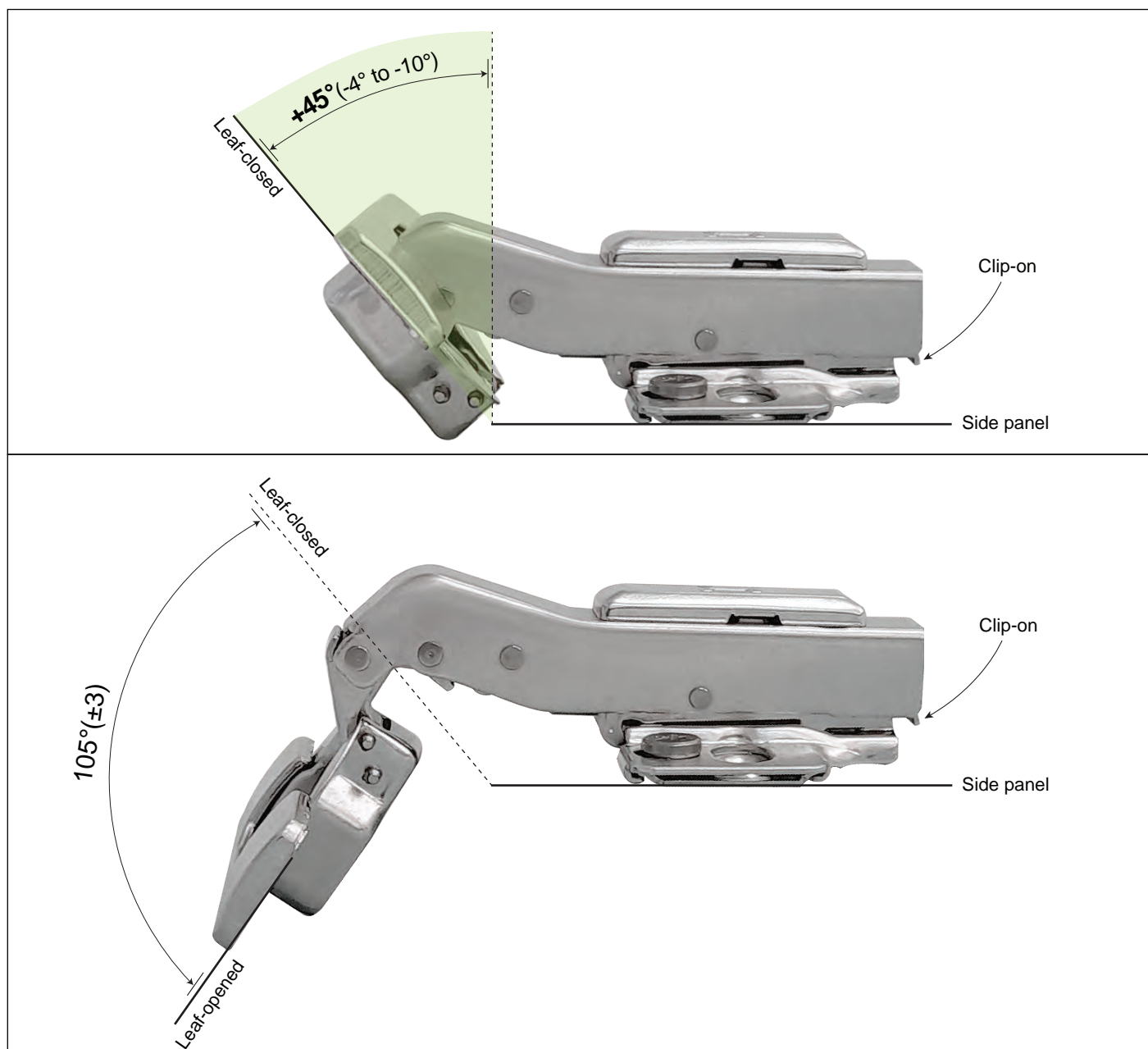
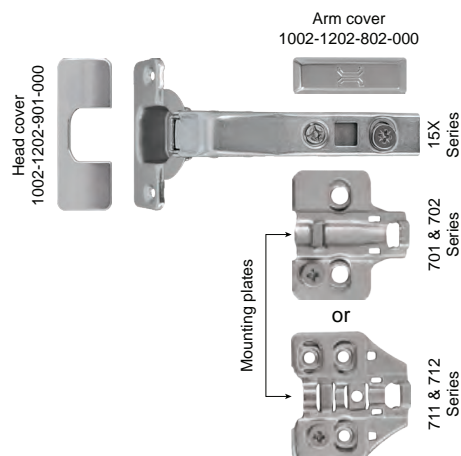


## ITEM CODE: 1002-1202-15X SERIES

CLIP-ON CABINET HINGE, CLOSED ANGLE:  $+45^\circ$  (TOLERANCE FROM  $-4^\circ$  TO  $-10^\circ$ ) | OPENING ANGLE:  $105^\circ (\pm 3)$

### Features:

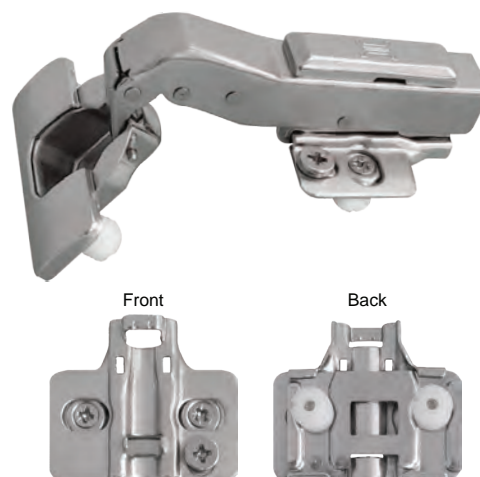
- For leaf thickness of 14-22 mm.
- $+45^\circ$  (tolerance from  $-4^\circ$  to  $-10^\circ$ ) angled hinge, opening angle  $105^\circ (\pm 3)$ , soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



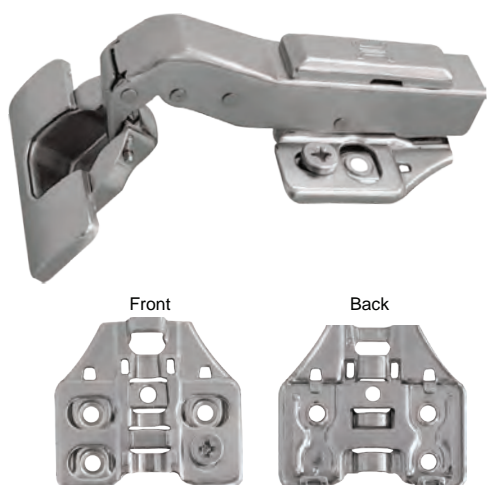
Cabinet hinge 15X Series with mounting plate 701 Series



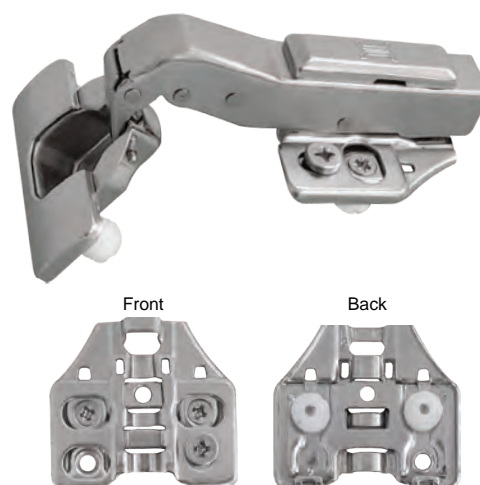
Cabinet hinge 15X Series with mounting plate 702 Series (with dowel)



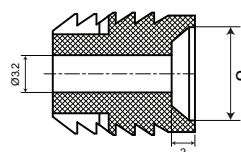
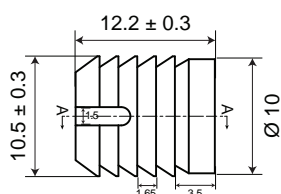
Cabinet hinge 15X Series with mounting plate 711 Series



Cabinet hinge 15X Series with mounting plate 712 Series (with dowel)

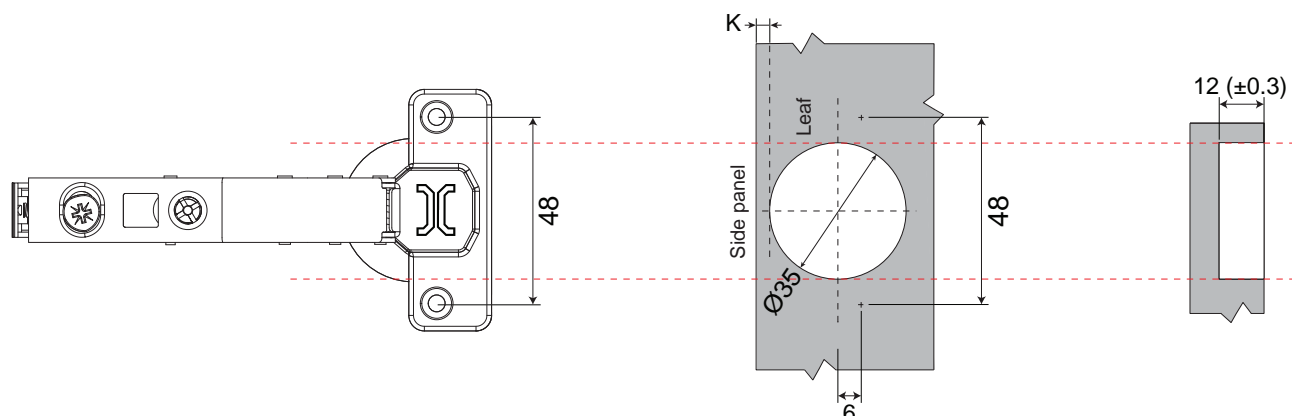


Dowel dimensions  
Ø 10 mm

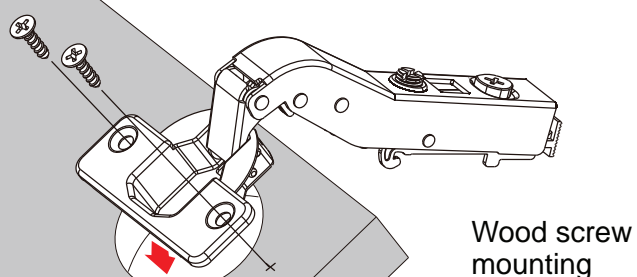




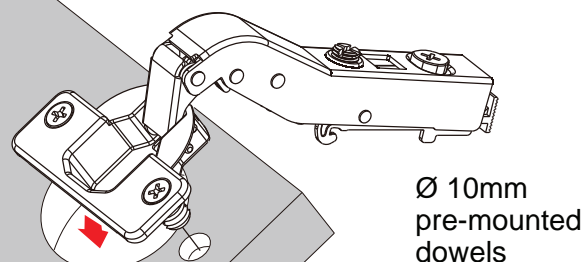
## Drilling pattern for cup fixing



## Cup Installation



Wood screw  
mounting

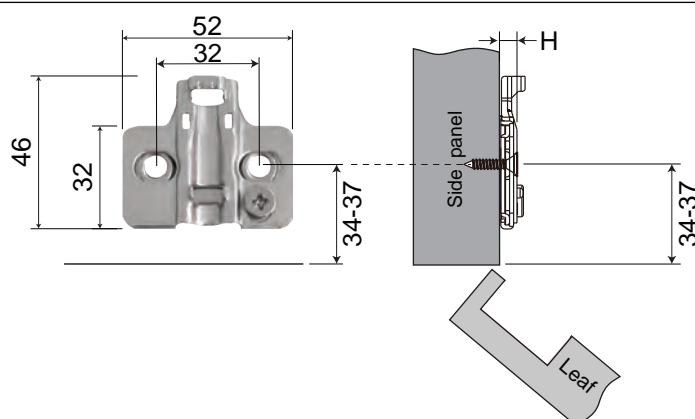


Ø 10mm  
pre-mounted  
dowels

### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

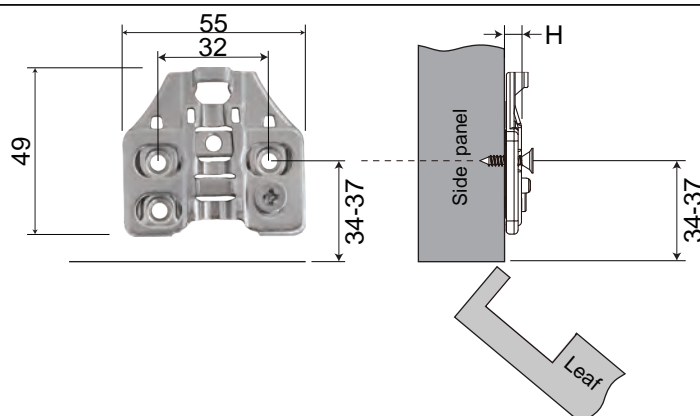
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)

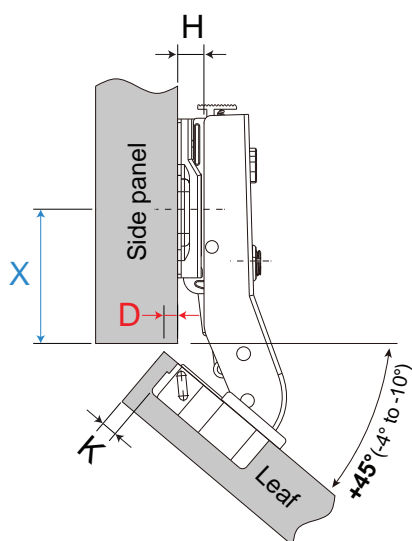


### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000		1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002		1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004		1002-1202-712-004 (with dowel)



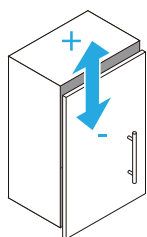


## FULL OVERLAY

Art #:1002-1202-150-045 &  
1002-1202-157-045 (with dowel)

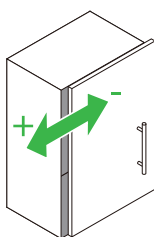
X	D	K	4	5	6	7
H						
0	37	3	36	4	35	5
2	37	1	36	2	35	3
4	37	-1	36	0	35	1

## Hinge adjustment



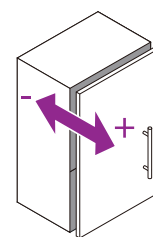
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



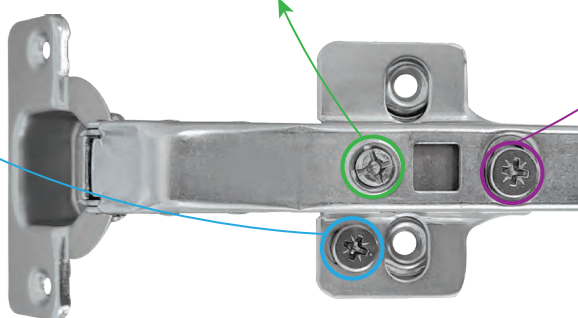
### Overlay adjustment

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -2.5mm, +2.5mm.



### Depth adjustment

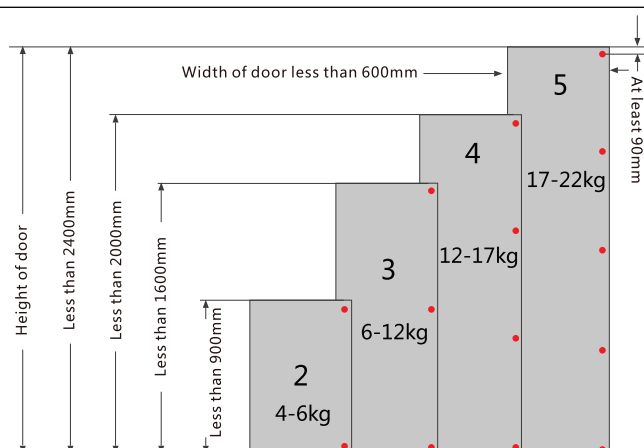
Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



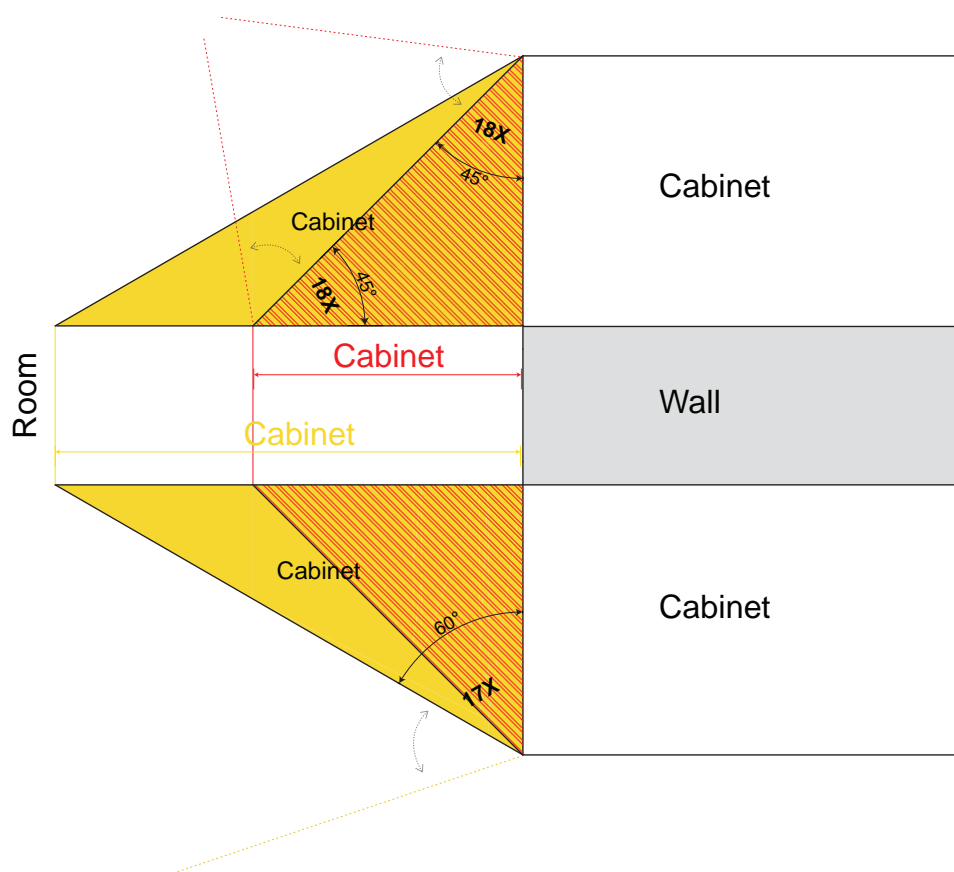
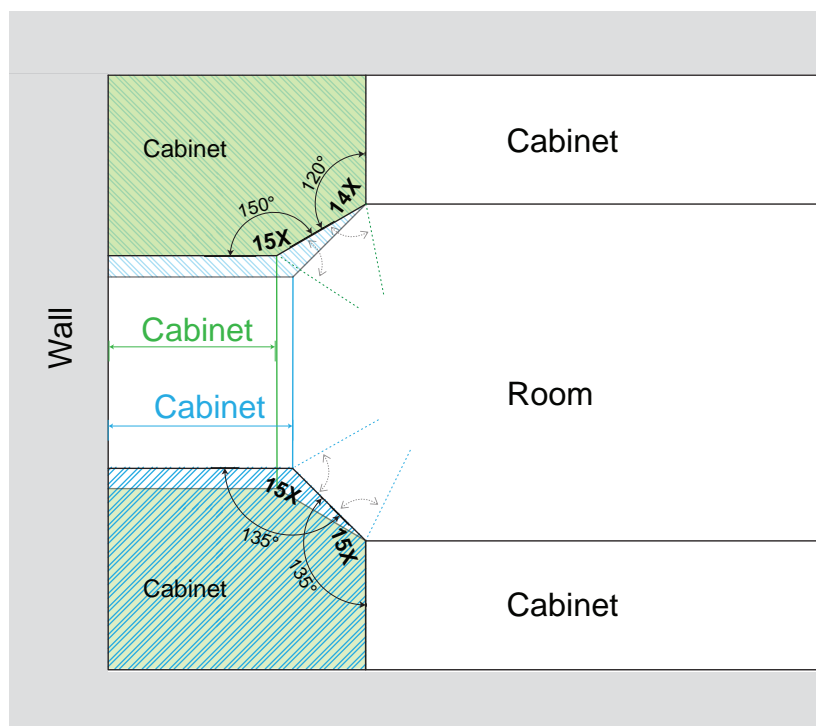
### Notes:

- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjustment ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

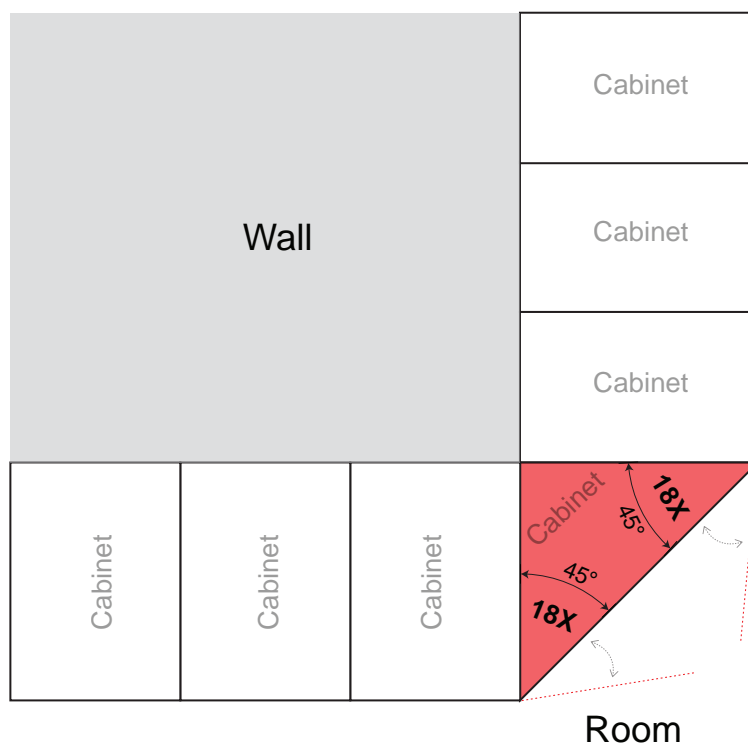
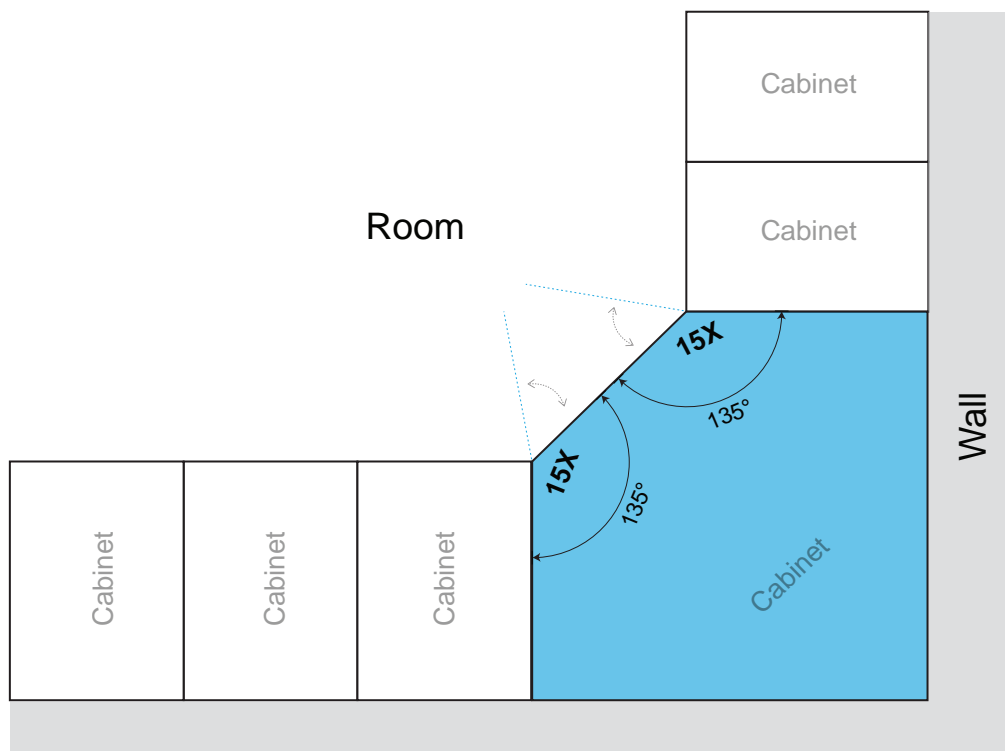
## Hinges distribution based on leaf height and weight



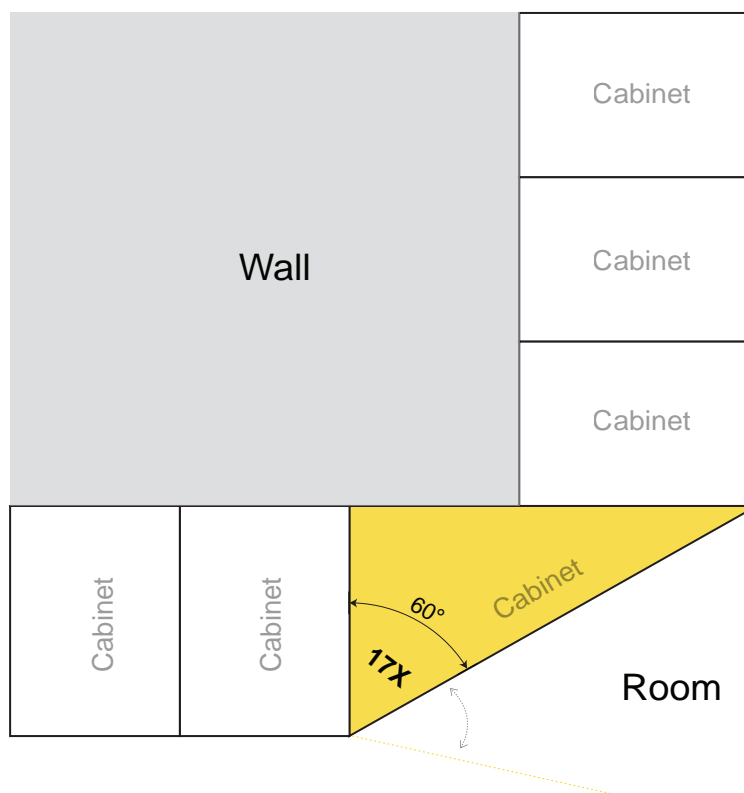
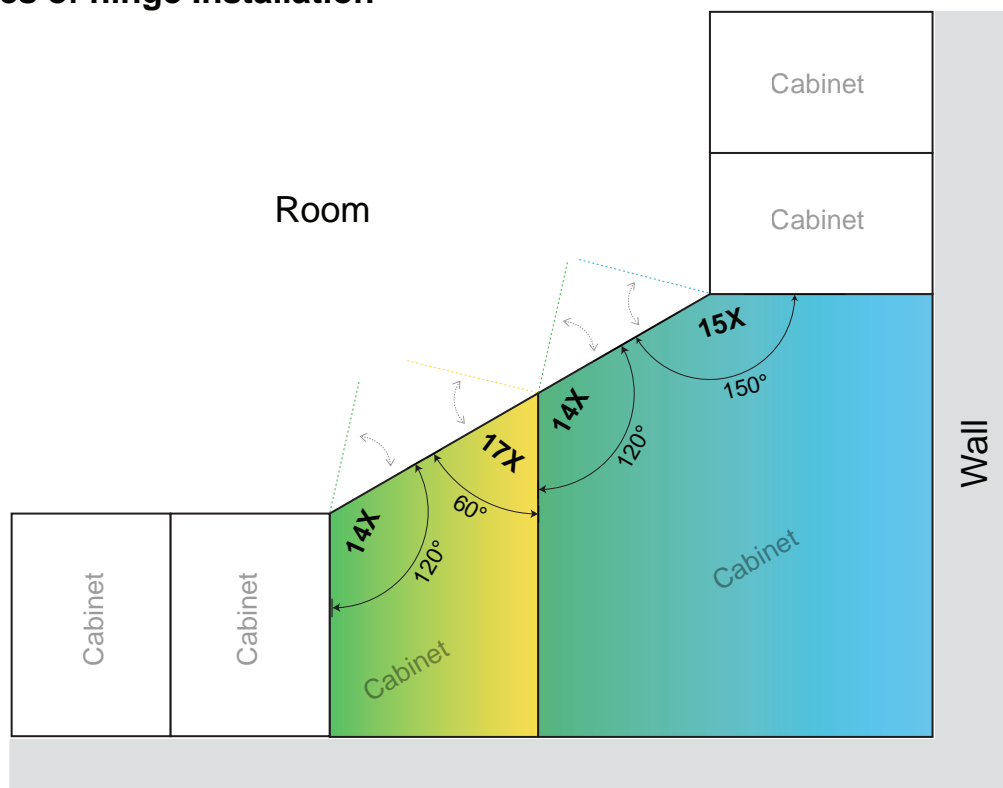
## Prototypes of hinge Installation



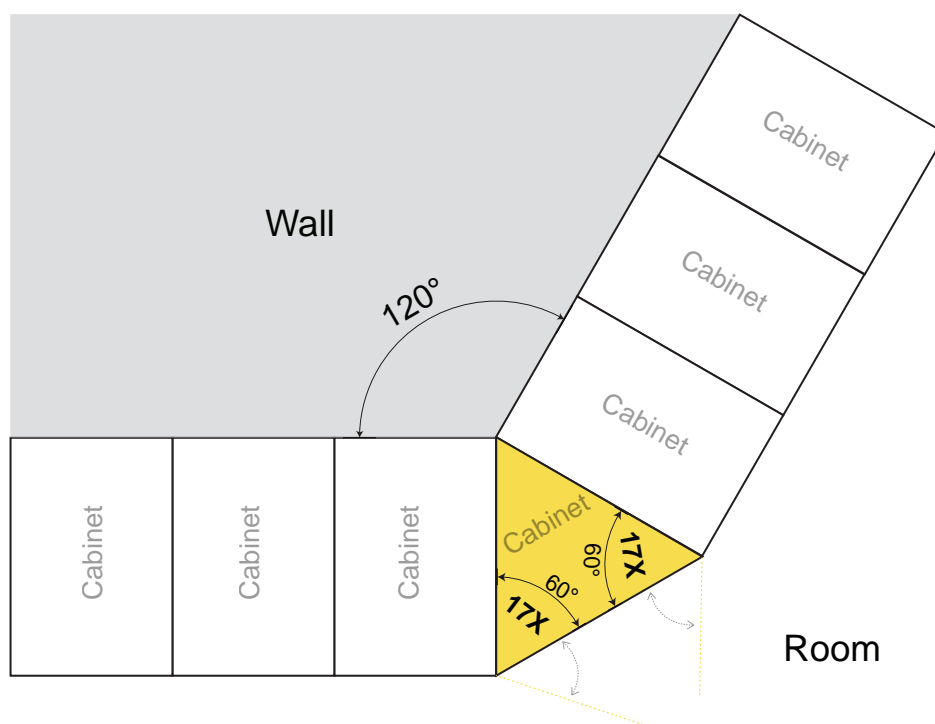
## Prototypes of hinge Installation



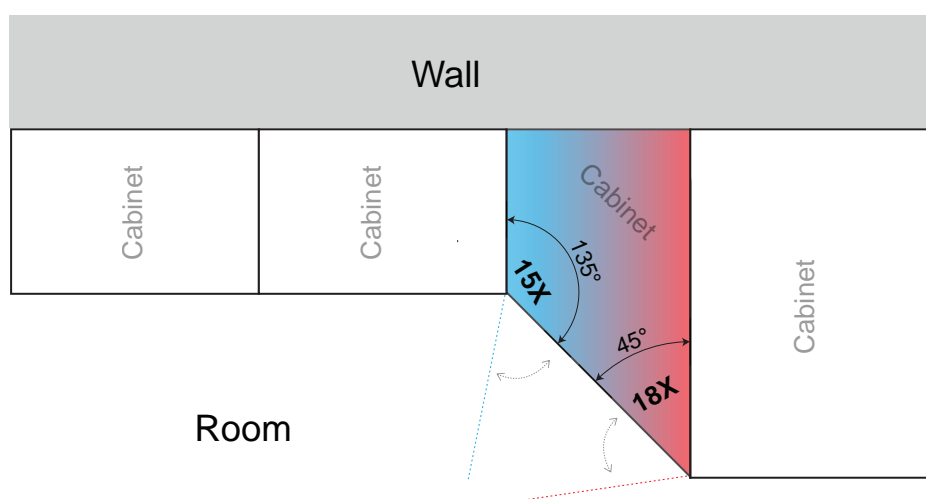
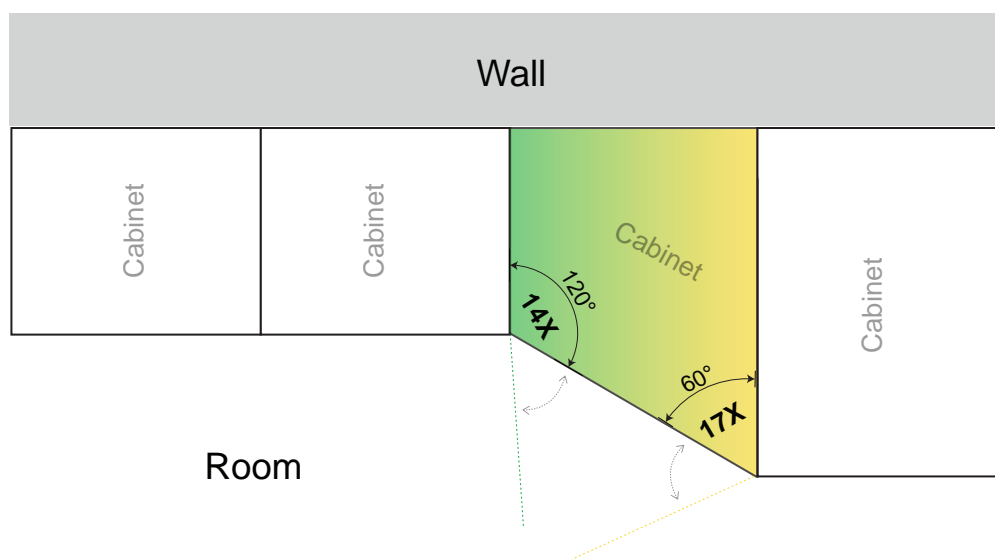
## Prototypes of hinge Installation



## Prototypes of hinge Installation



## Prototypes of hinge Installation



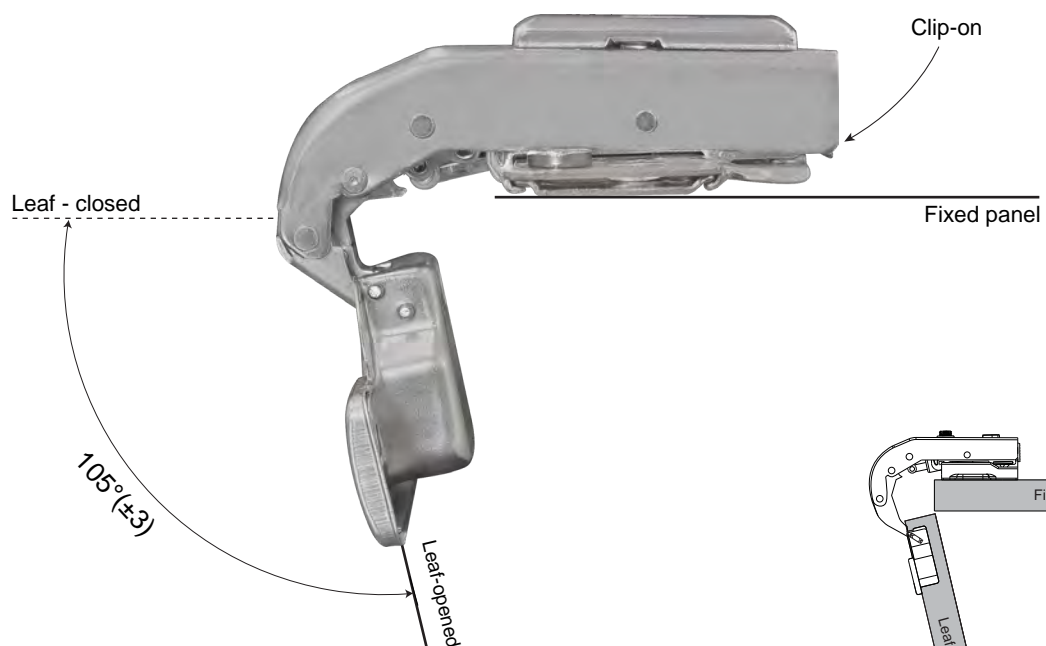
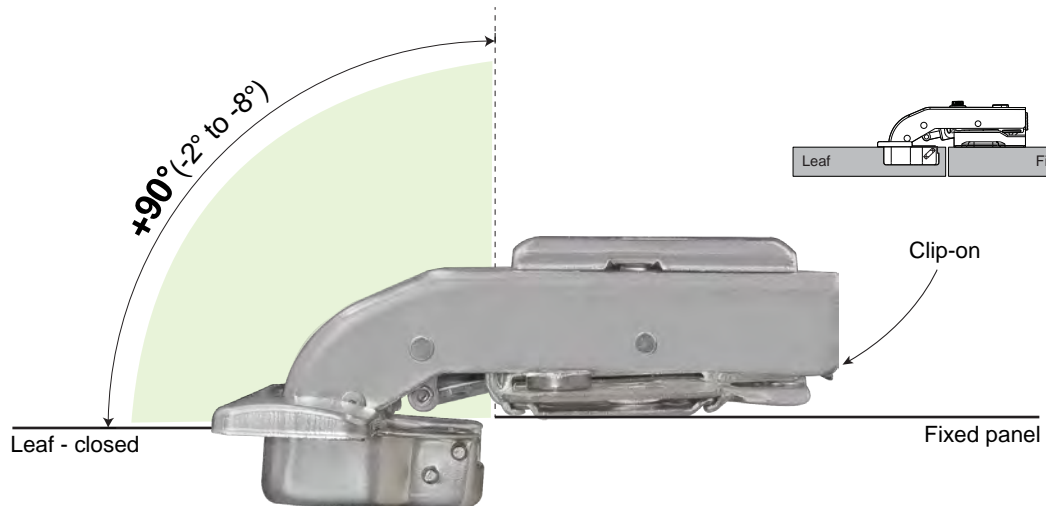


## ITEM CODE: 1002-1202-16X SERIES

CLIP-ON CABINET HINGE, CLOSED ANGLE:  $+90^\circ$  (TOLERANCE FROM  $-2^\circ$  TO  $-8^\circ$ ) | OPENING ANGLE:  $105^\circ (\pm 3)$

### Features:

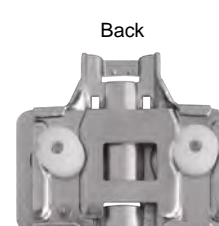
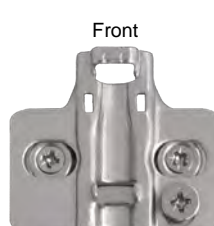
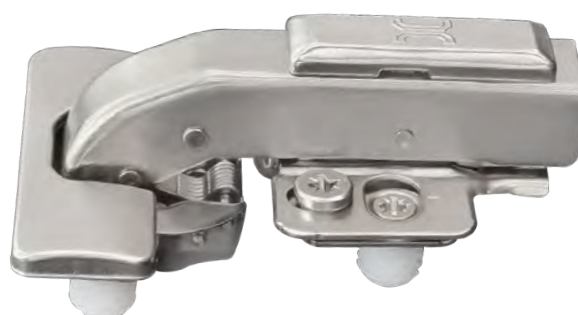
- For leaf thickness of 14-22 mm.
- $+90^\circ$  (tolerance from  $-2^\circ$  to  $-8^\circ$ ) angled hinge, opening angle  $105^\circ (\pm 3)$ , soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



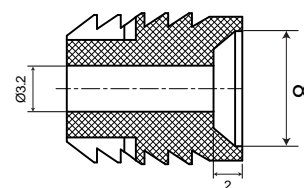
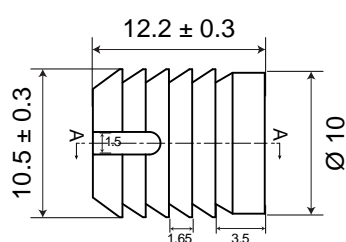
Cabinet hinge 16X Series with mounting plate 701 Series



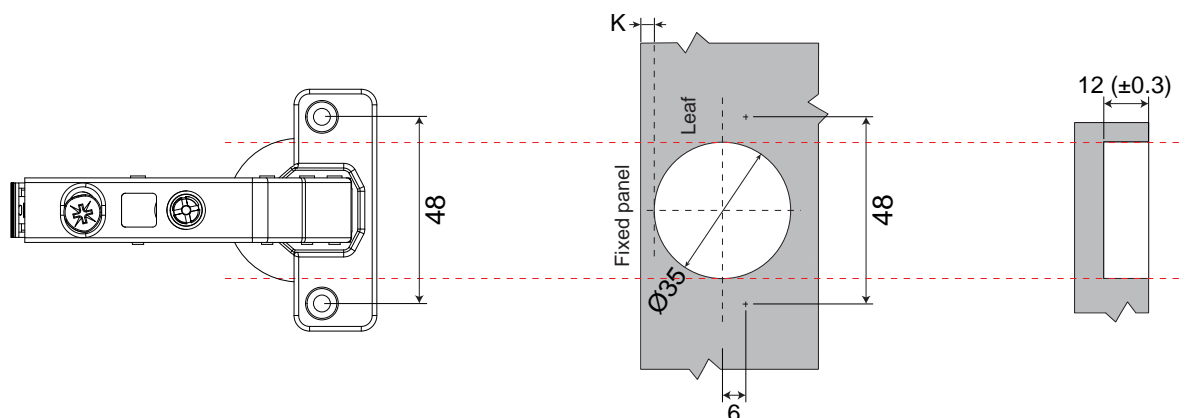
Cabinet hinge 16X Series with mounting plate 702 Series (with dowel)



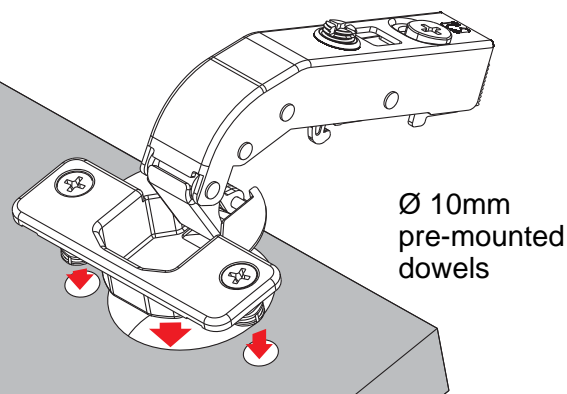
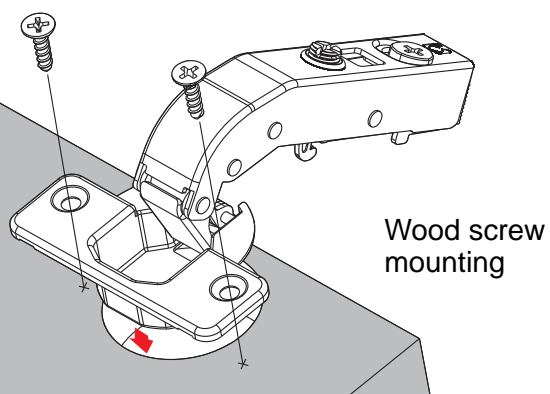
Dowel dimensions  
Ø 10 mm



## Drilling pattern for cup fixing



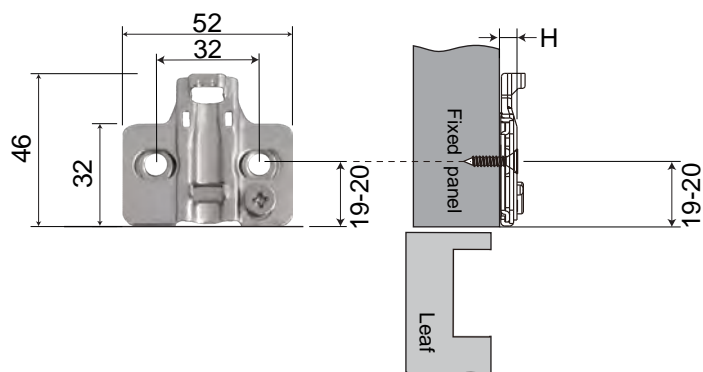
## Cup Installation

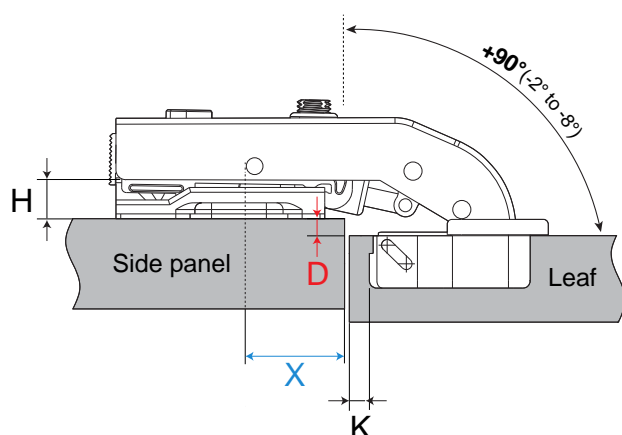


### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To fixed panel edge: 19 mm to 20 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)



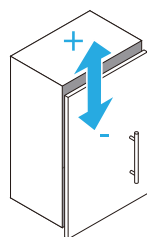


## FULL OVERLAY

Art #:1002-1202-160-090 &  
1002-1202-167-090 (with dowel)

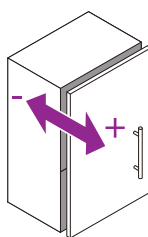
$\begin{matrix} \text{D} \\ \text{X} \end{matrix}$	$\begin{matrix} \text{K} \\ \text{H} \end{matrix}$	4	5
0		20 3	19 3
2		20 1	19 1
4		20 -1	19 -1

## Hinge adjustment



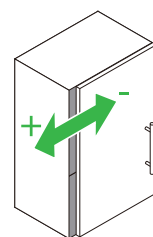
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



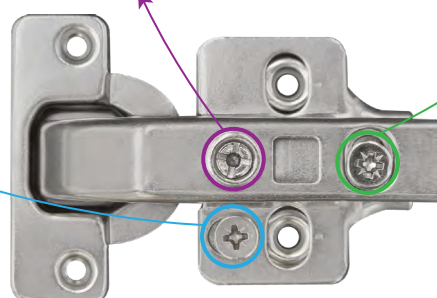
### Depth adjustment

Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



### Overlay adjustment

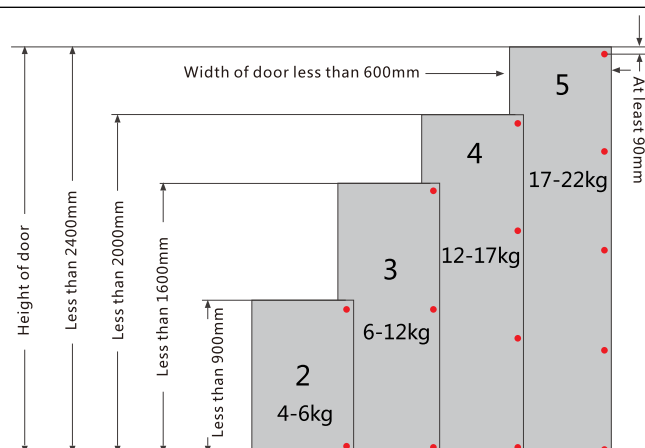
Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -2.5mm, +2.5mm.



### Note:

The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

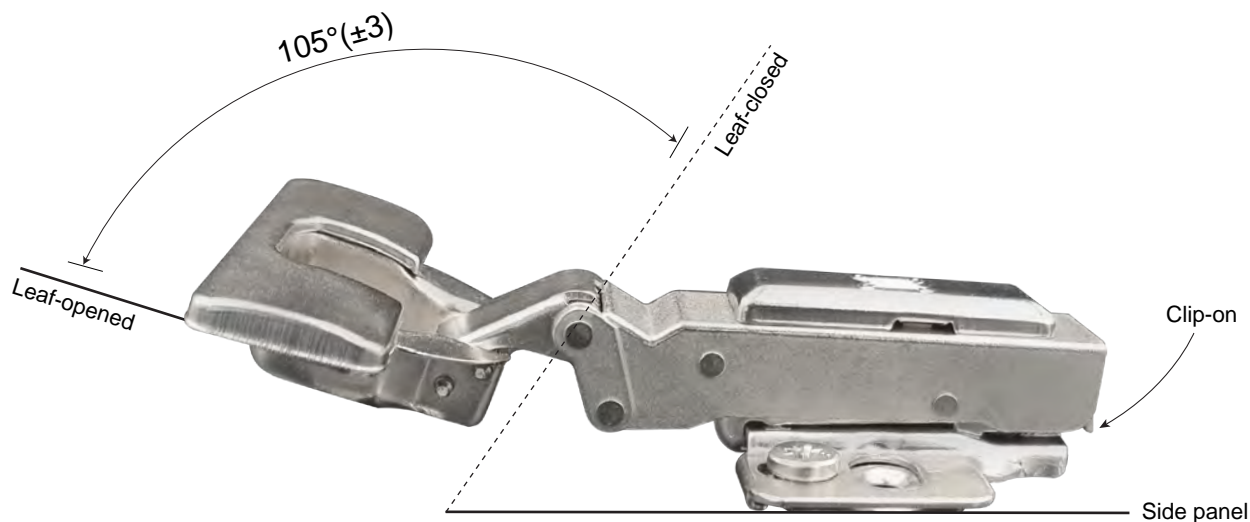
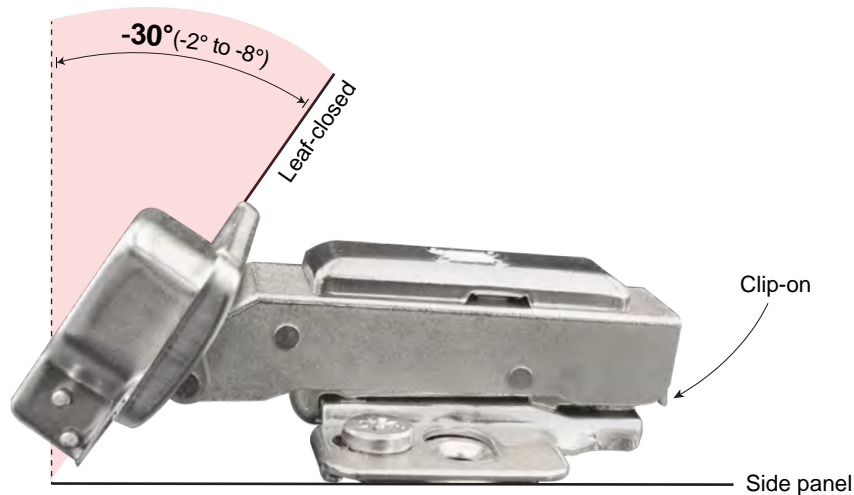
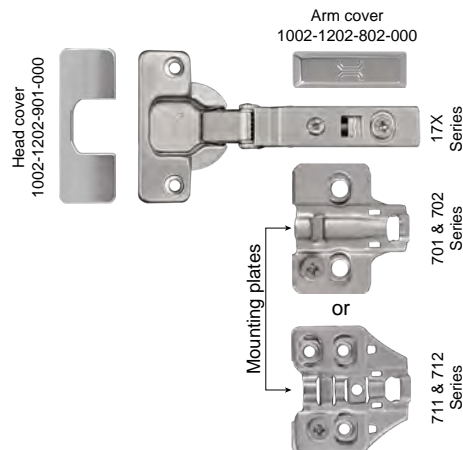


## ITEM CODE: 1002-1202-17X SERIES

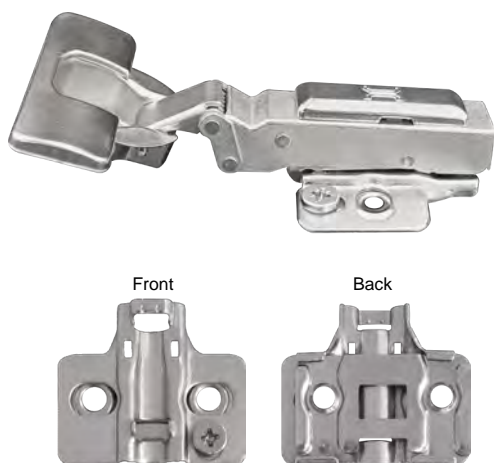
CLIP-ON CABINET HINGE, CLOSED ANGLE:  $-30^{\circ}$  (TOLERANCE FROM  $-2^{\circ}$  TO  $-8^{\circ}$ ) | OPENING ANGLE:  $105^{\circ}(\pm 3)$

### Features:

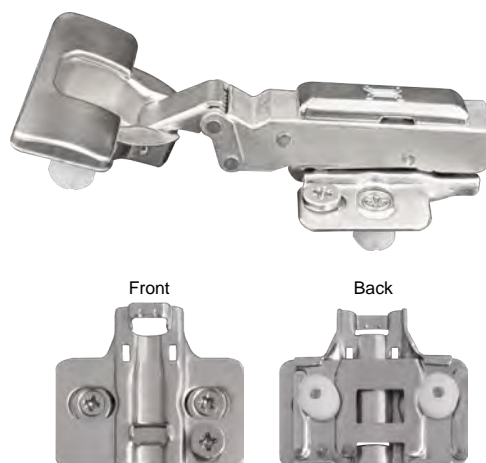
- For leaf thickness of 14-22 mm.
- $-30^{\circ}$  (tolerance from  $-2^{\circ}$  to  $-8^{\circ}$ ) angled hinge, opening angle  $105^{\circ}(\pm 3)$ , soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & zinc alloy arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



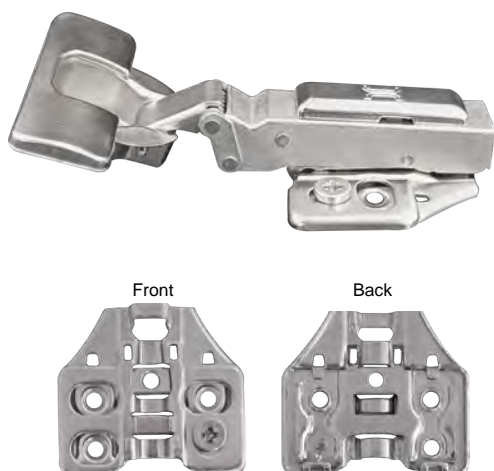
Cabinet hinge 17X Series with mounting plate 701 Series



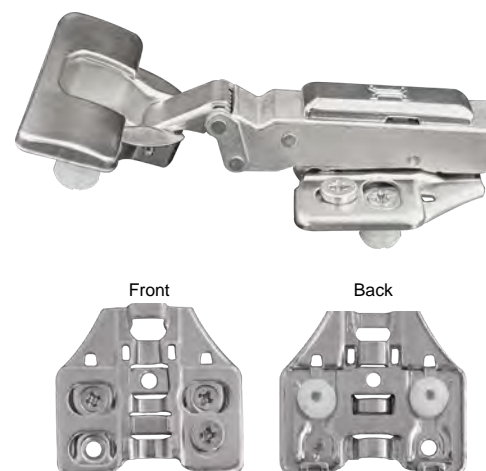
Cabinet hinge 17X Series with mounting plate 702 Series (with dowel)



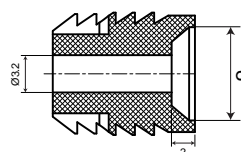
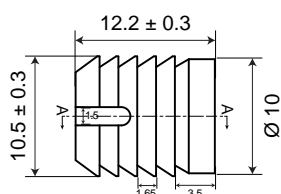
Cabinet hinge 17X Series with mounting plate 711 Series



Cabinet hinge 17X Series with mounting plate 712 Series (with dowel)

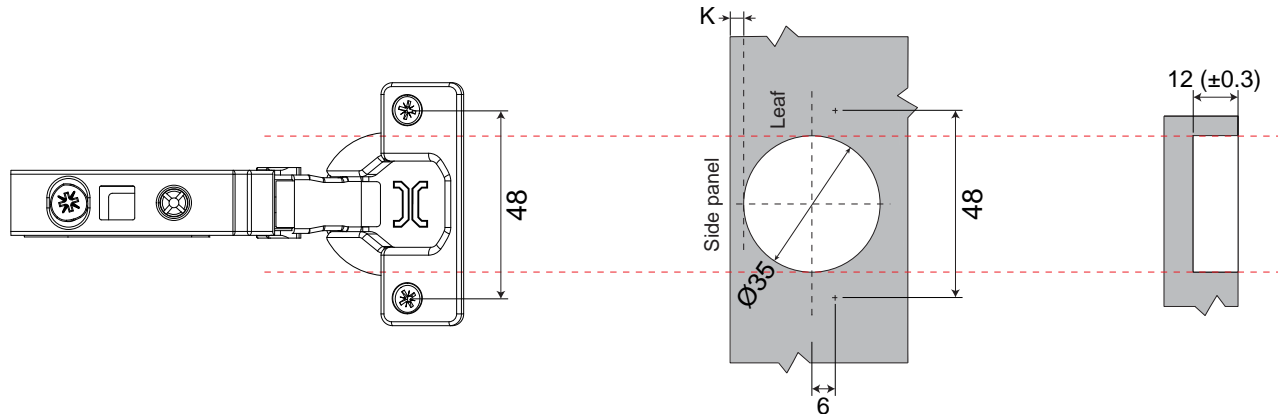


Dowel dimensions  
Ø 10 mm

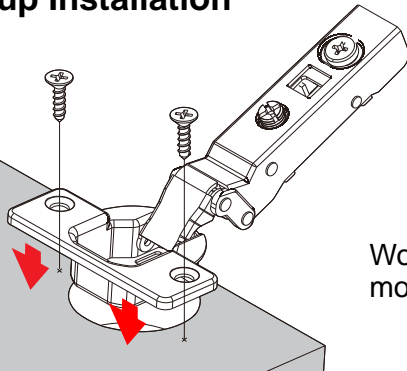




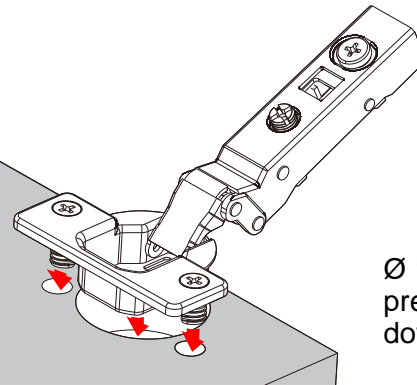
## Drilling pattern for cup fixing



## Cup Installation



Wood screw  
mounting

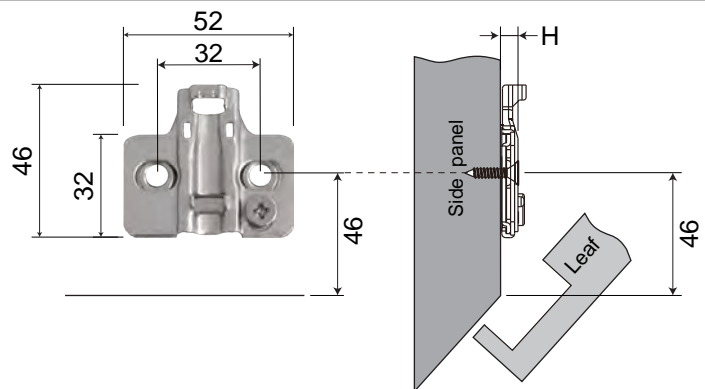


Ø 10mm  
pre-mounted  
dowels

### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 46 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

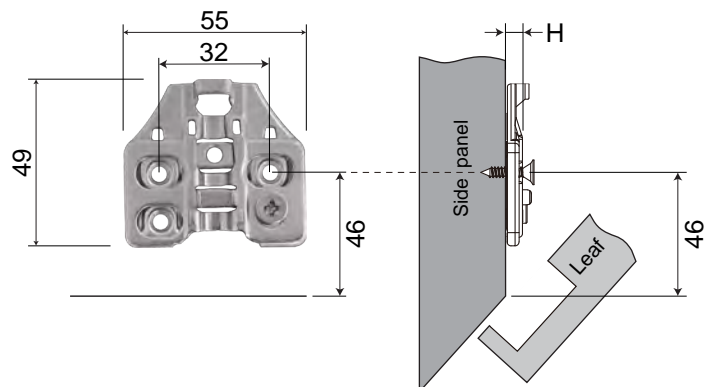
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)

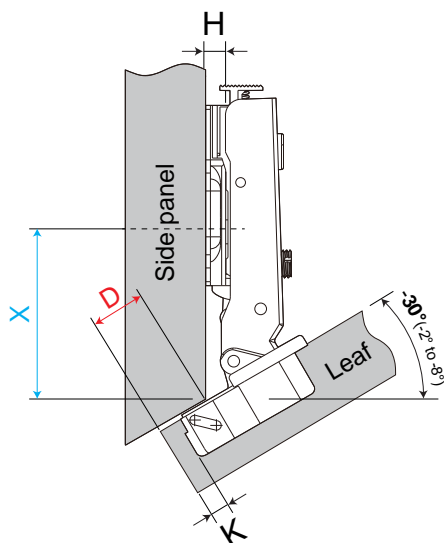


### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 46 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000		1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002		1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004		1002-1202-712-004 (with dowel)



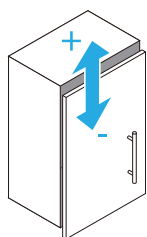


## FULL OVERLAY

Art #:1002-1202-170-930 &  
1002-1202-177-930 (with dowel)

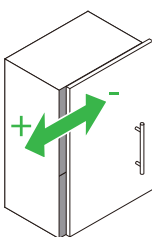
$\begin{matrix} \text{D} \\ \text{X} \end{matrix}$	$\begin{matrix} \text{H} \\ \text{K} \end{matrix}$	4	5
0		46	46
		15	16
2		46	46
		13	14

## Hinge adjustment



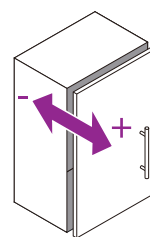
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



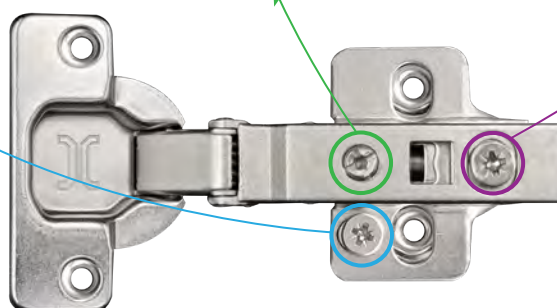
### Overlay adjustment

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -2.5mm, +2.5mm.



### Depth adjustment

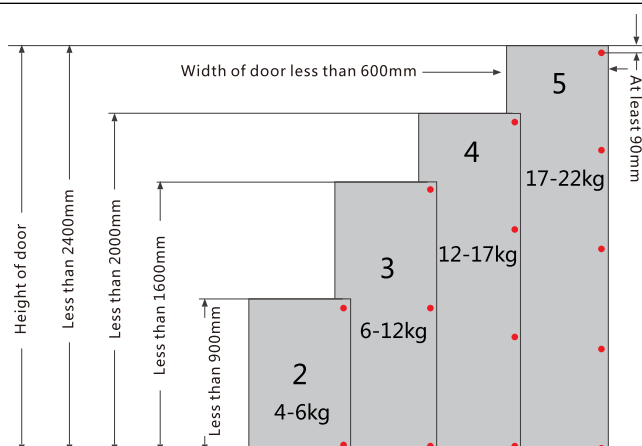
Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



### Notes:

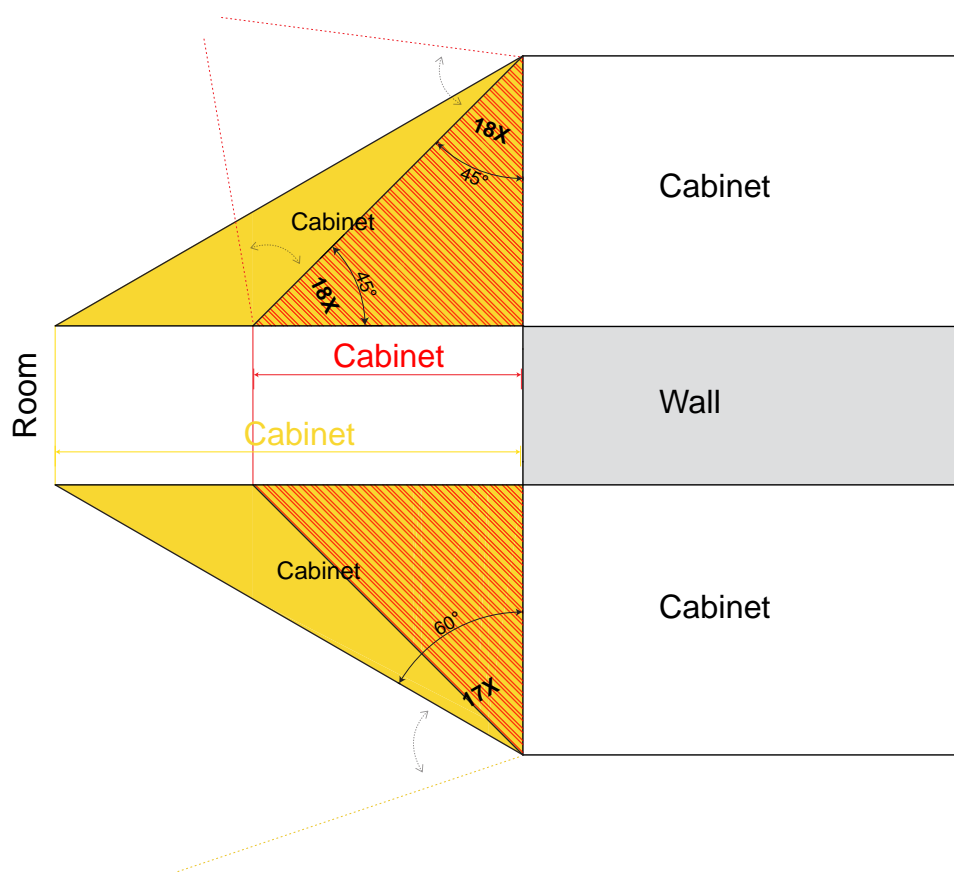
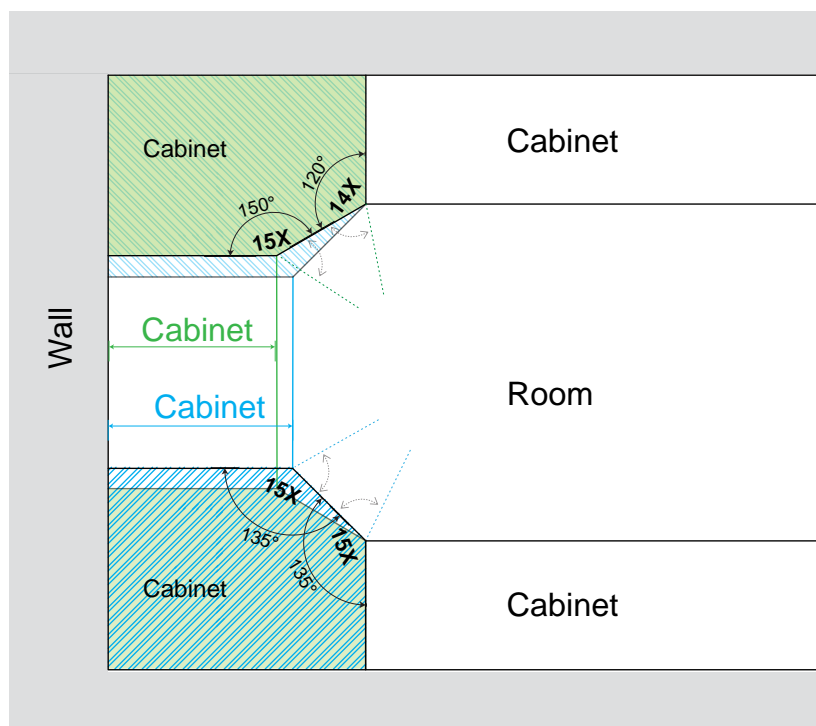
- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjustment ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

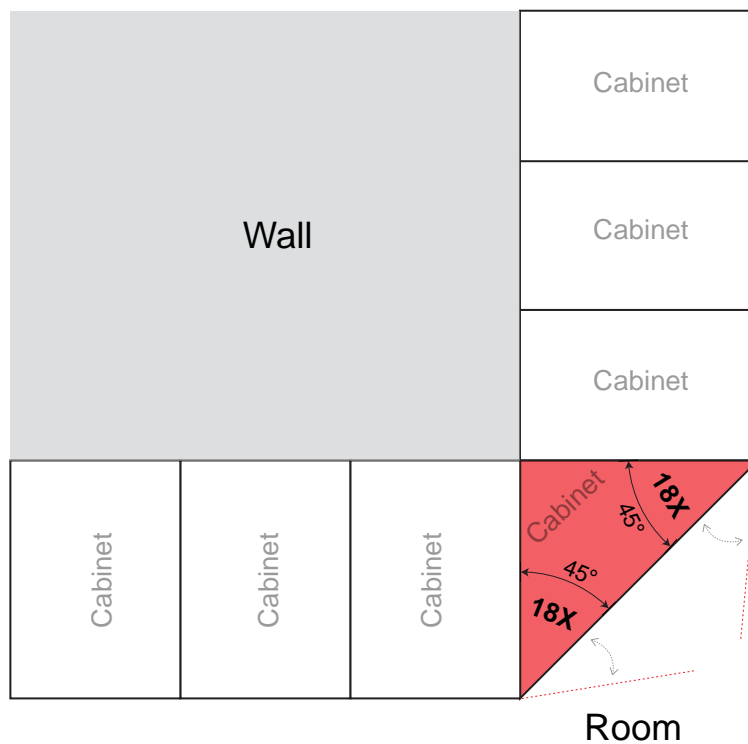
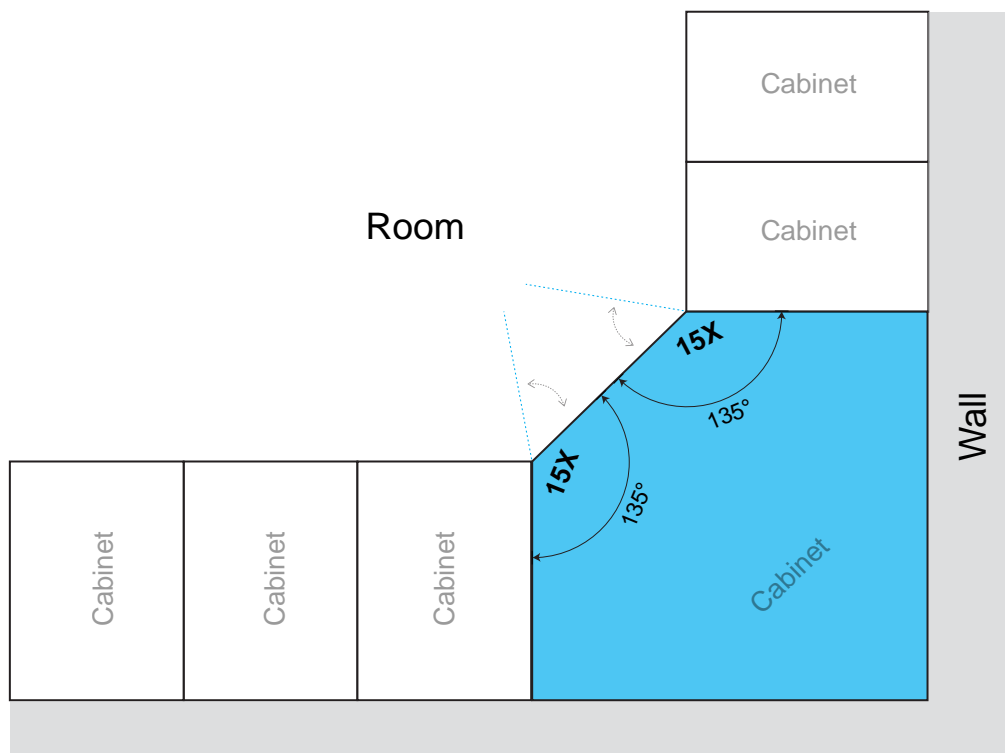




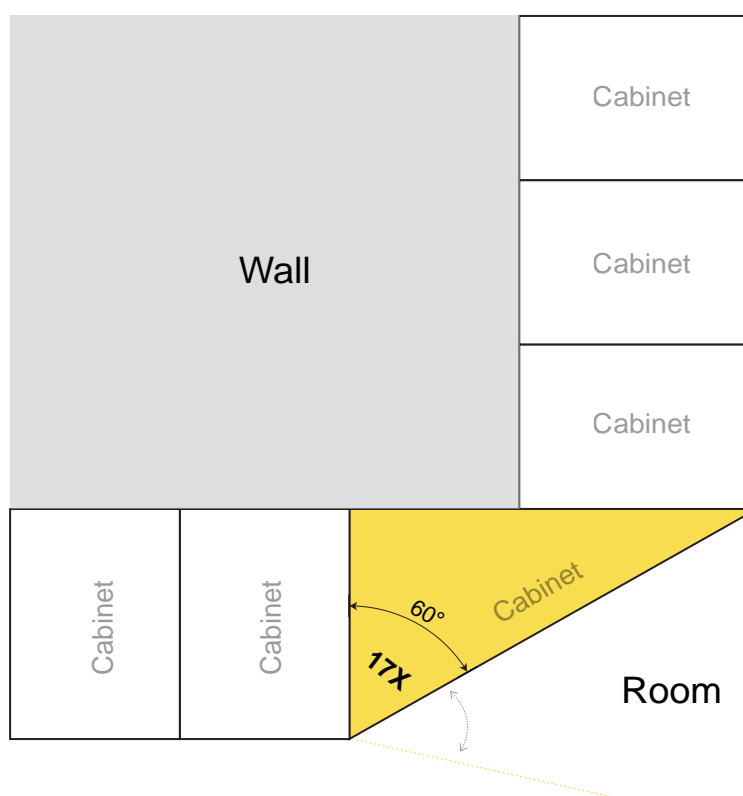
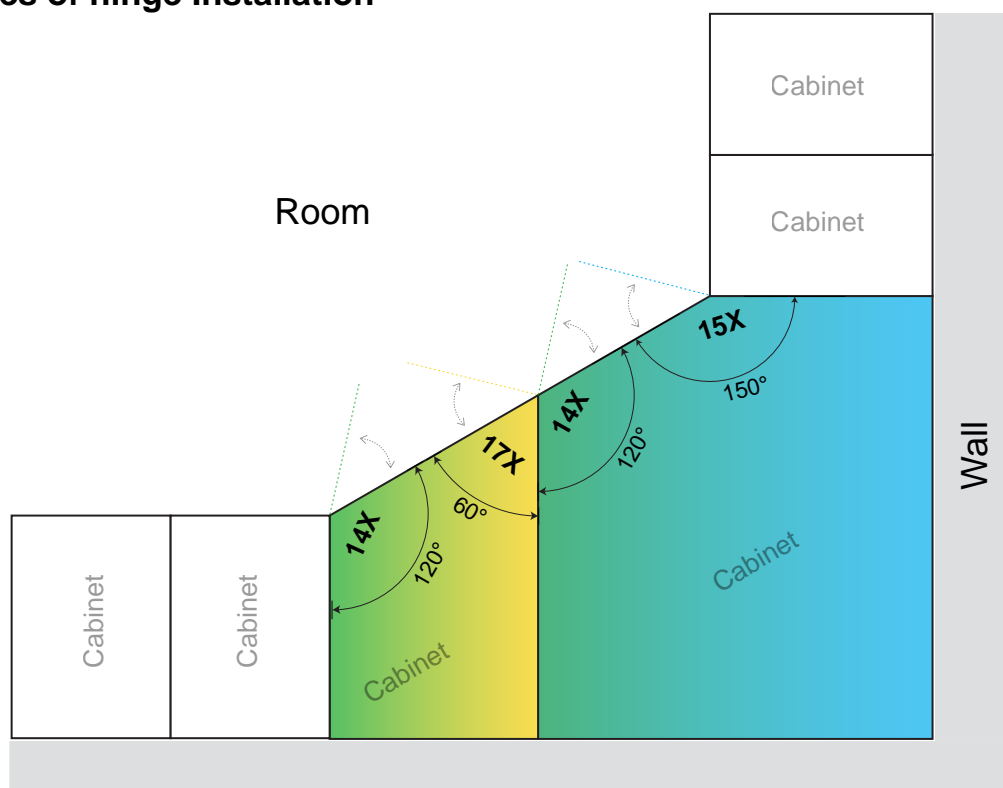
## Prototypes of hinge Installation



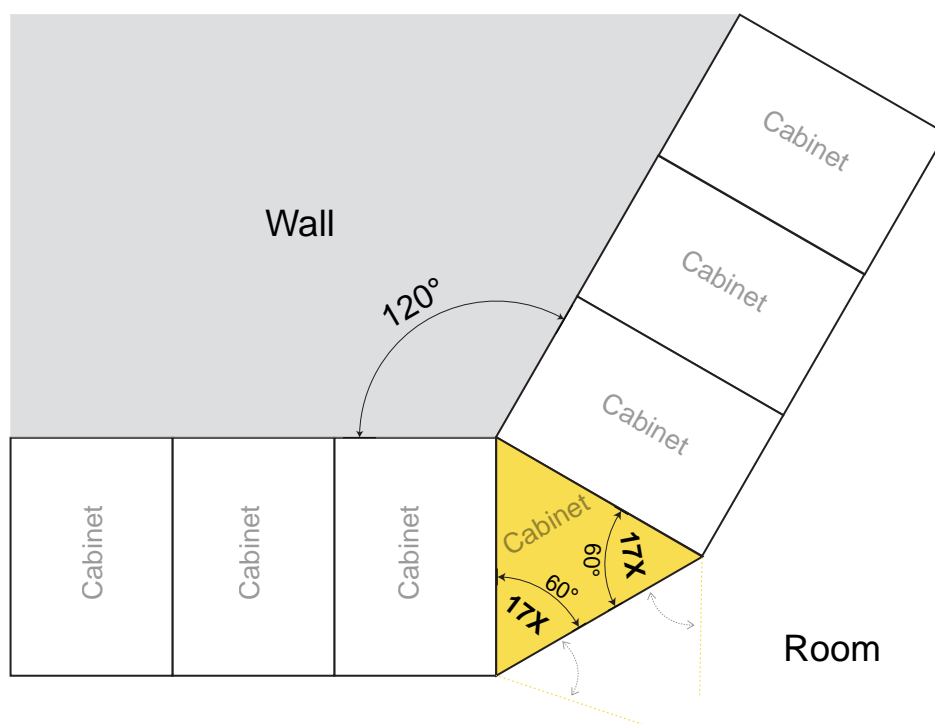
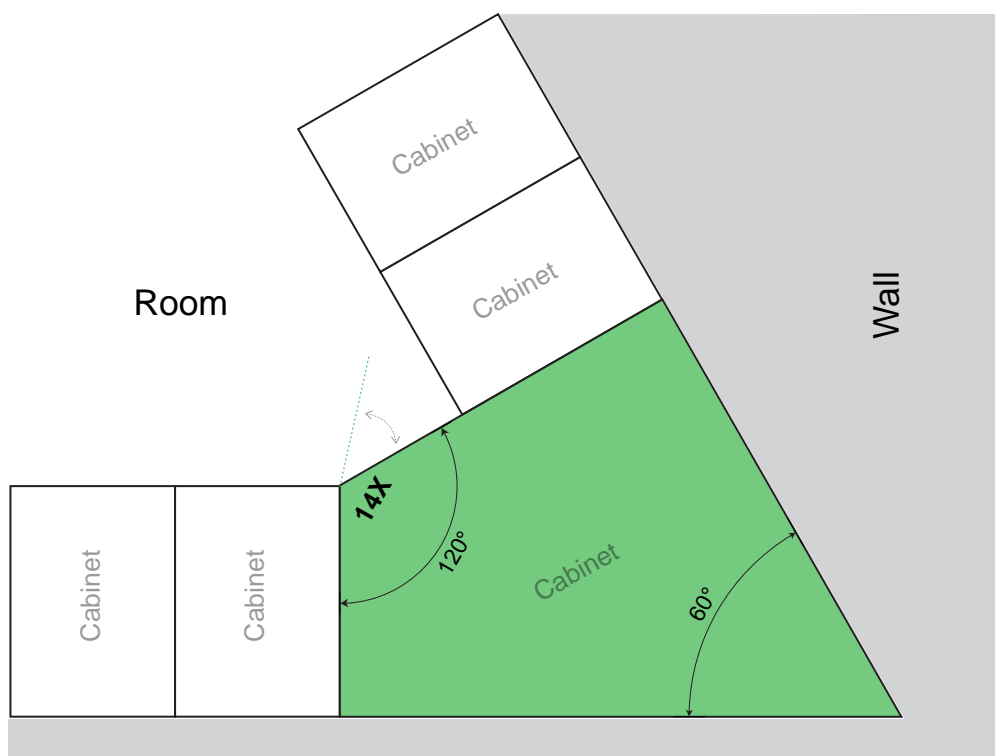
## Prototypes of hinge Installation



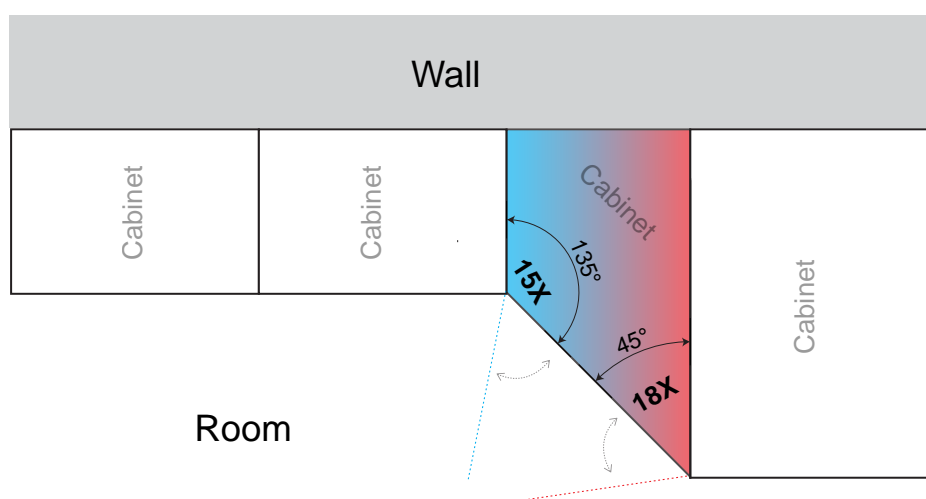
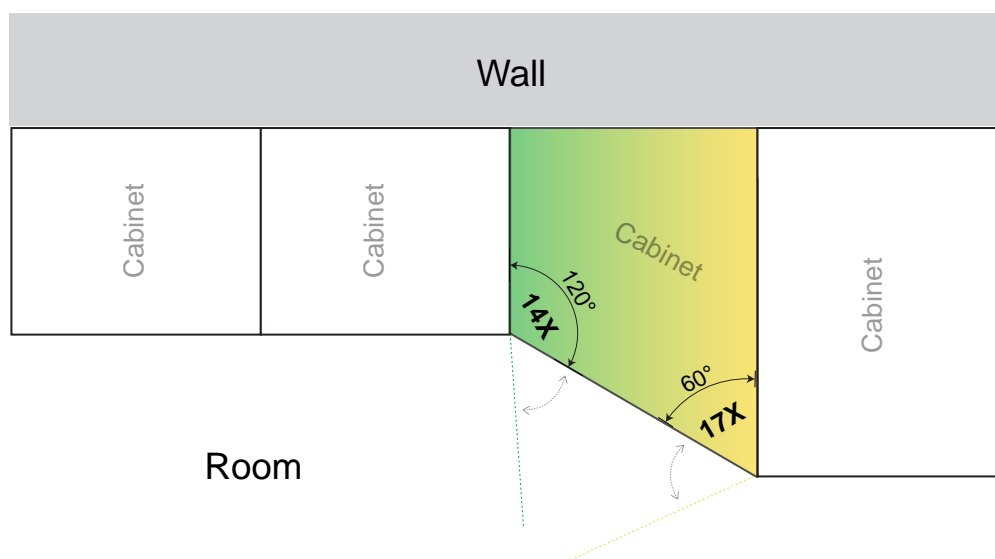
## Prototypes of hinge Installation



## Prototypes of hinge Installation



## Prototypes of hinge Installation

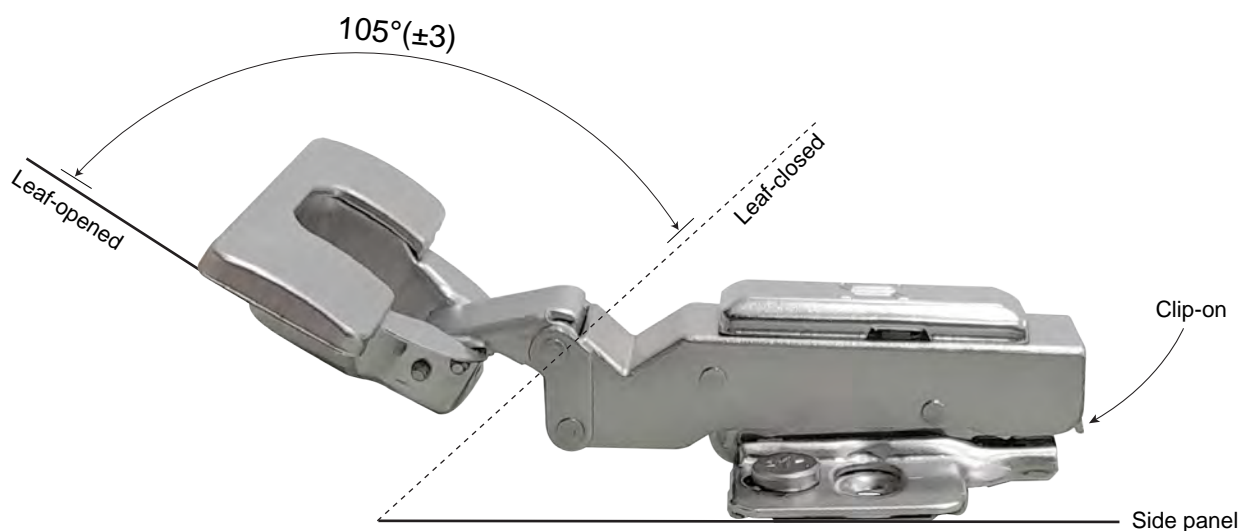
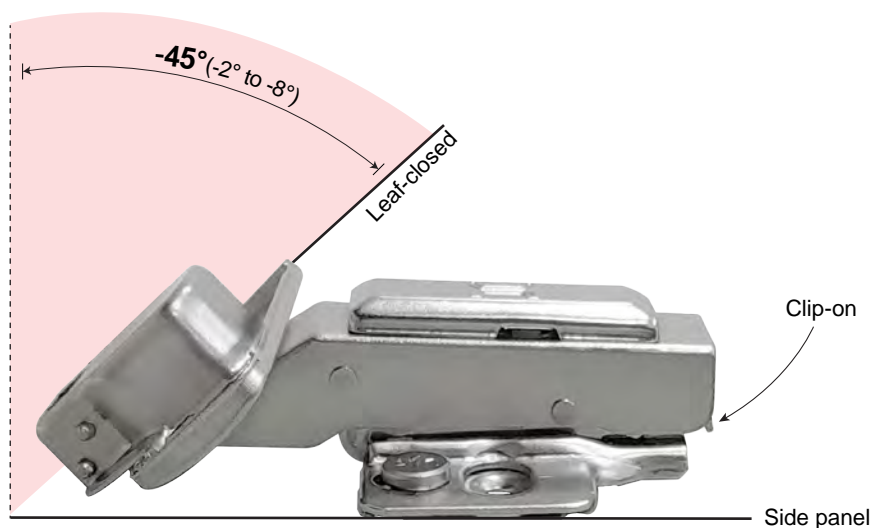
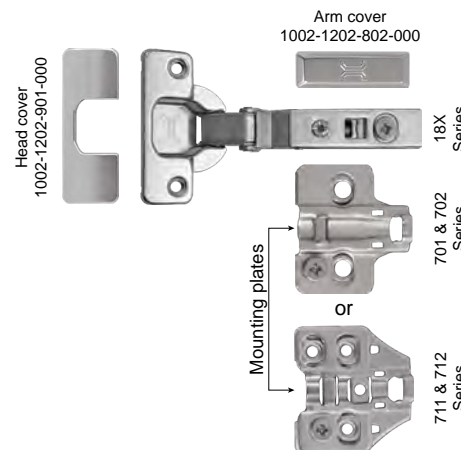


## ITEM CODE: 1002-1202-18X SERIES

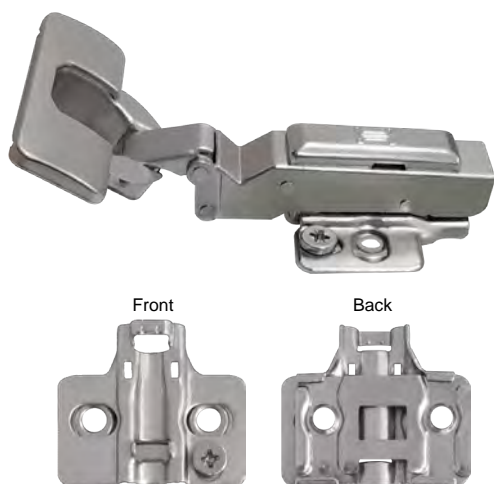
CLIP-ON CABINET HINGE, CLOSED ANGLE:  $-45^{\circ}$  (TOLERANCE FROM  $-2^{\circ}$  TO  $-8^{\circ}$ ) | OPENING ANGLE:  $105^{\circ}(\pm 3)$

### Features:

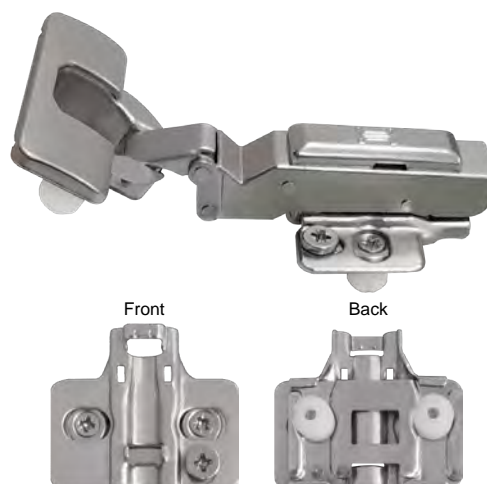
- For leaf thickness of 14-22 mm.
- $-45^{\circ}$  (tolerance from  $-2^{\circ}$  to  $-8^{\circ}$ ) angled hinge, opening angle  $105^{\circ}(\pm 3)$ , soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & zinc alloy arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



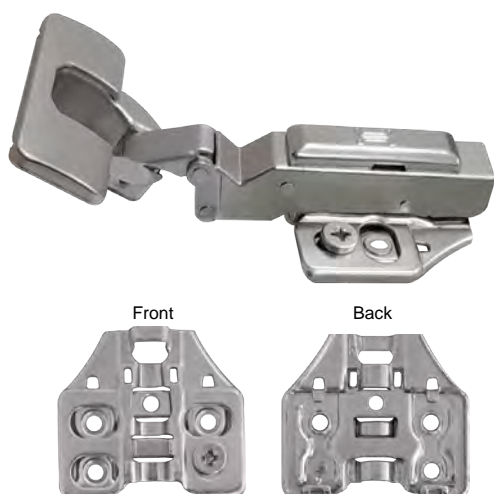
Cabinet hinge 18X Series with mounting plate 701 Series



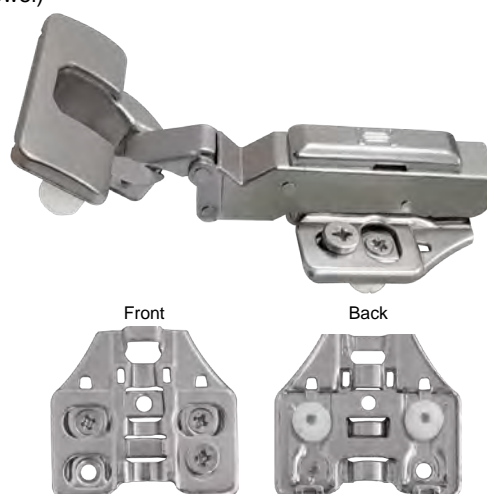
Cabinet hinge 18X Series with mounting plate 702 Series (with dowel)



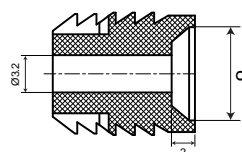
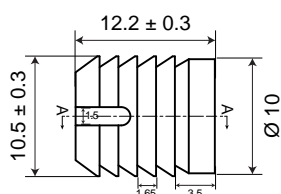
Cabinet hinge 18X Series with mounting plate 711 Series



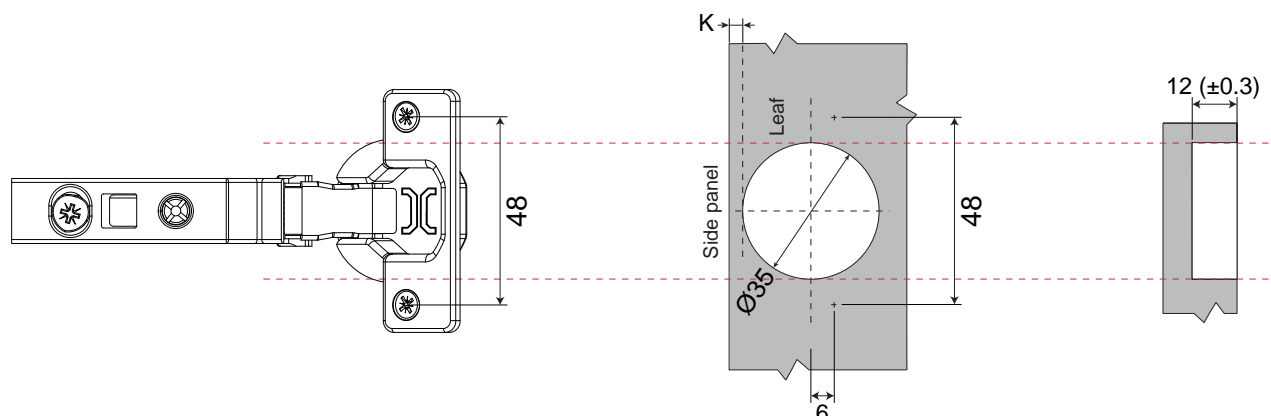
Cabinet hinge 18X Series with mounting plate 712 Series (with dowel)



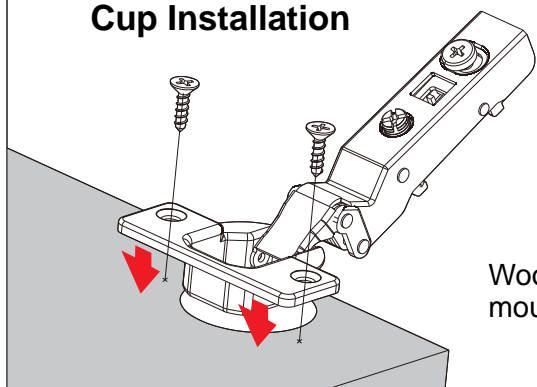
Dowel dimensions  
Ø 10 mm



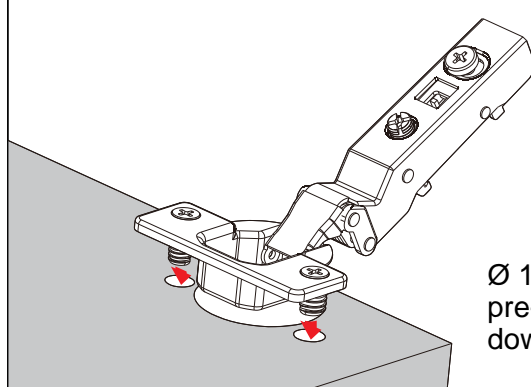
## Drilling pattern for cup fixing



## Cup Installation



Wood screw  
mounting

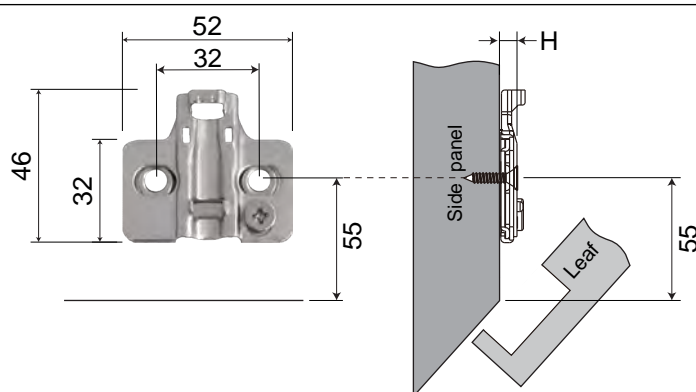


$\varnothing 10$  mm  
pre-mounted  
dowels

### Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 55 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

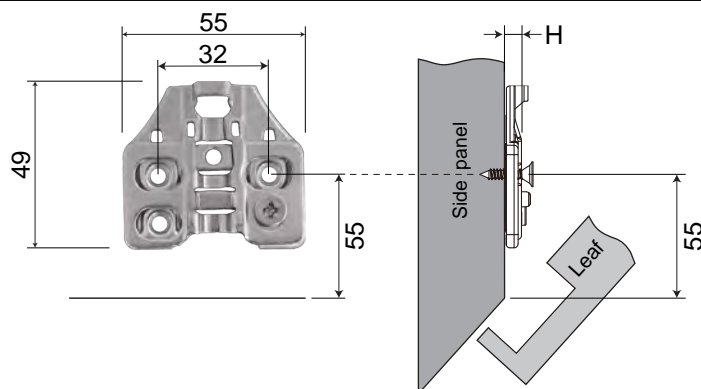
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)



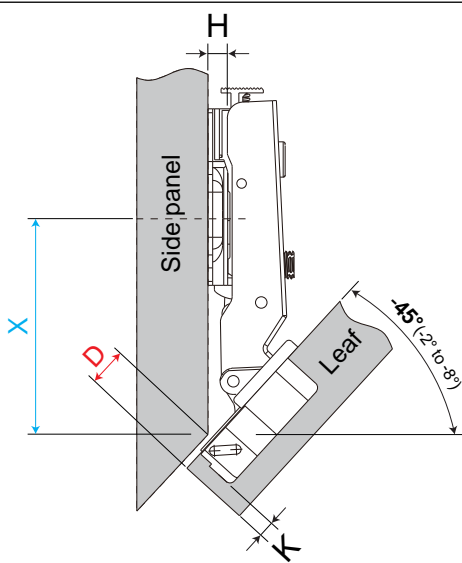
### Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 55 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000		1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002		1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004		1002-1202-712-004 (with dowel)





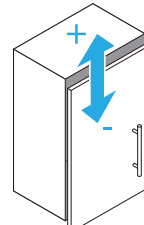


## FULL OVERLAY

Art #:1002-1202-180-945 &  
1002-1202-187-945 (with dowel)

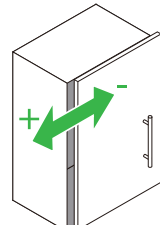
X	D	K	4	5
H				
0	55	10	55	10
2	55	8	55	8

## Hinge adjustment



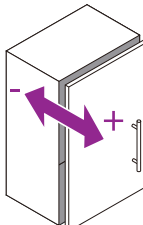
**Height adjustment**

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



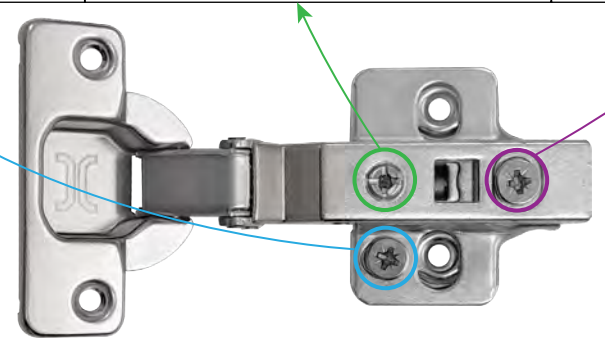
**Overlay adjustment**

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -2.5mm, +2.5mm.



**Depth adjustment**

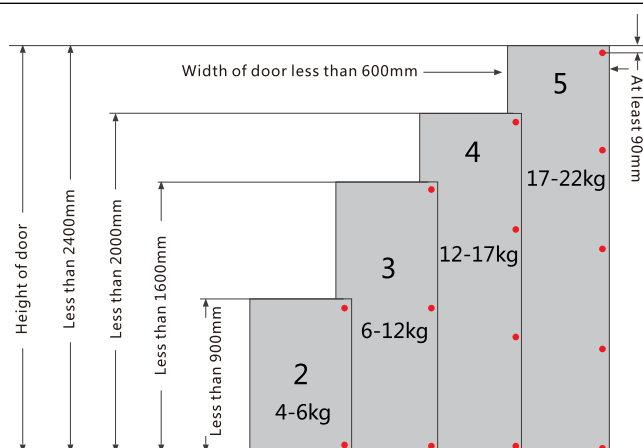
Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



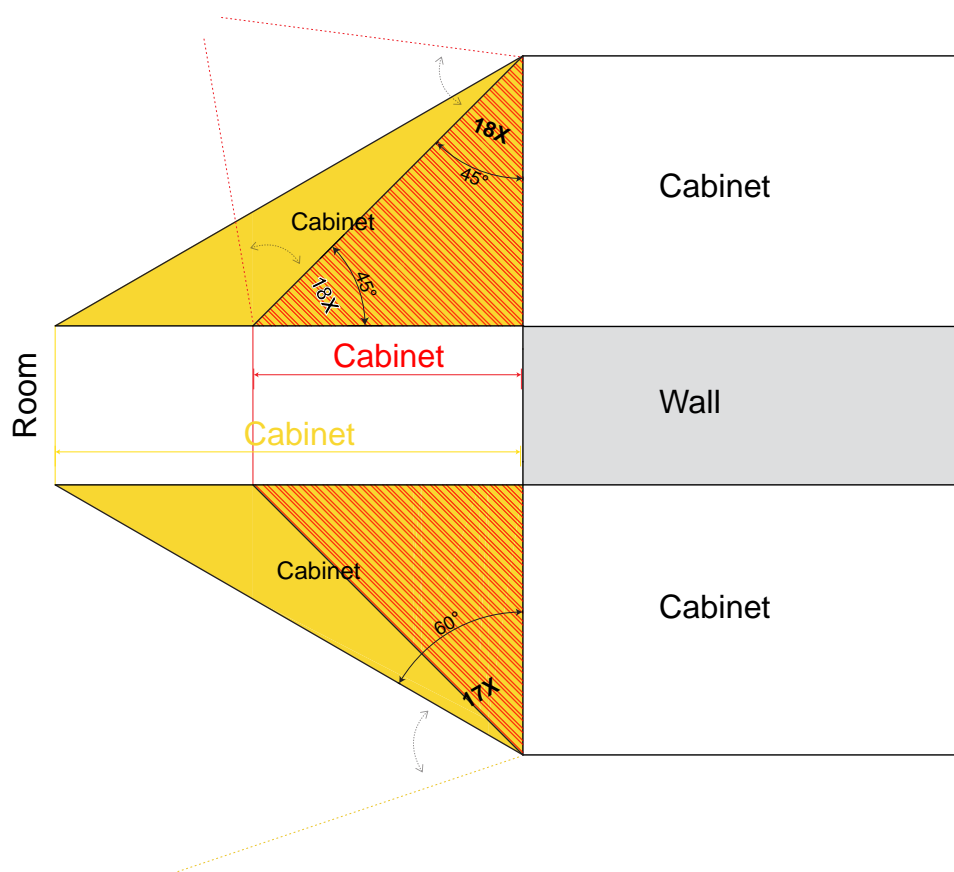
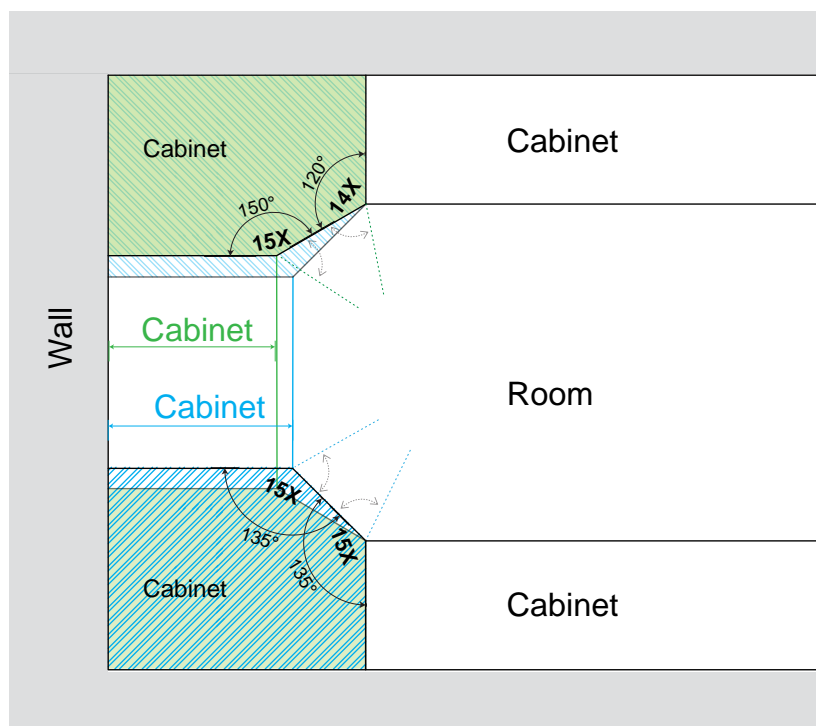
**Notes:**

- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjust ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

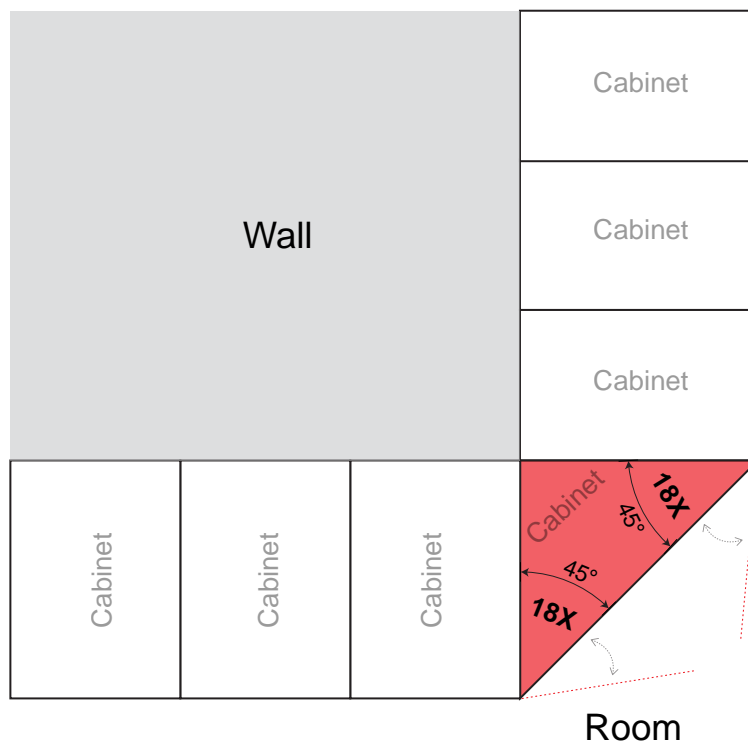
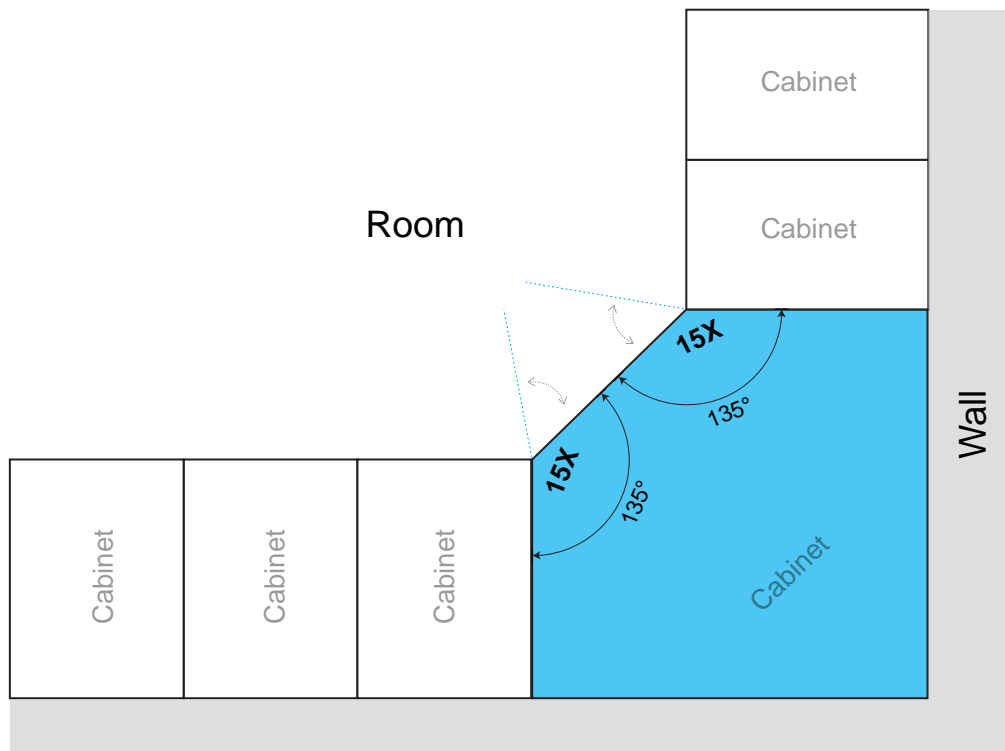
## Hinges distribution based on leaf height and weight



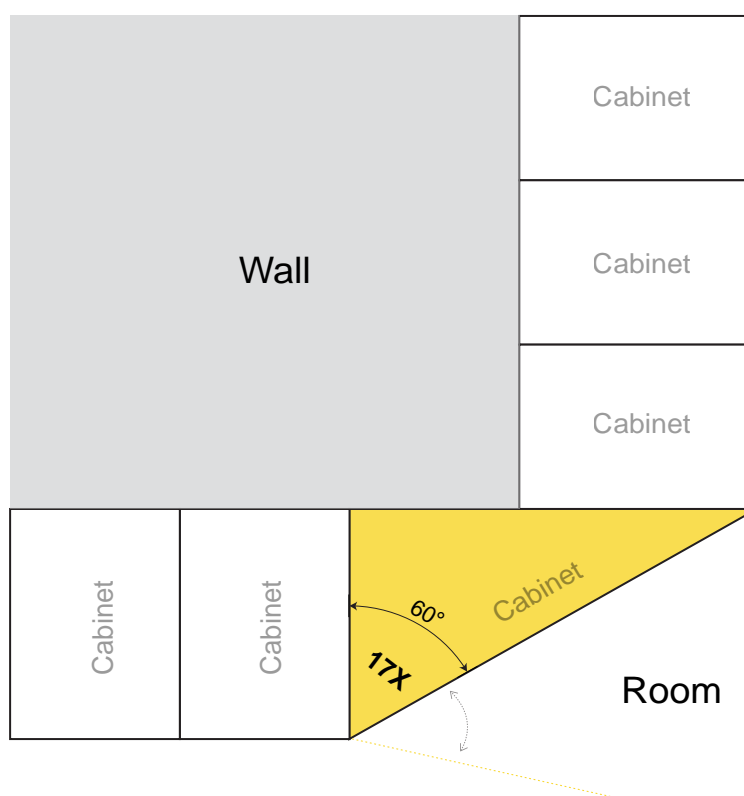
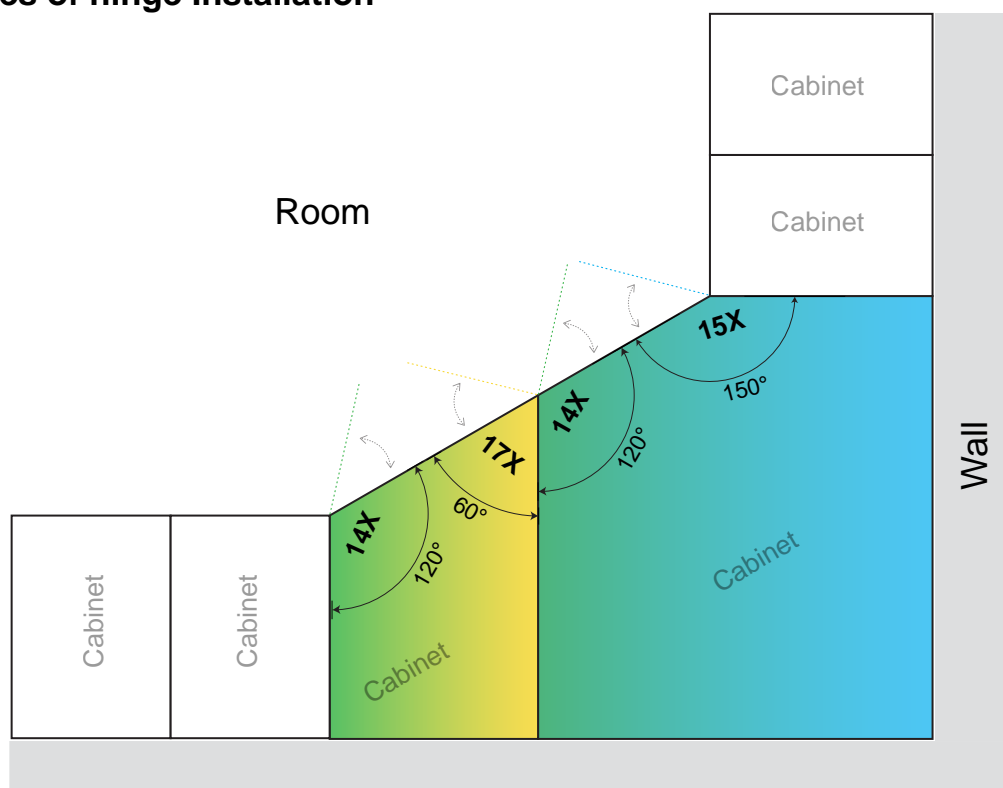
## Prototypes of hinge Installation



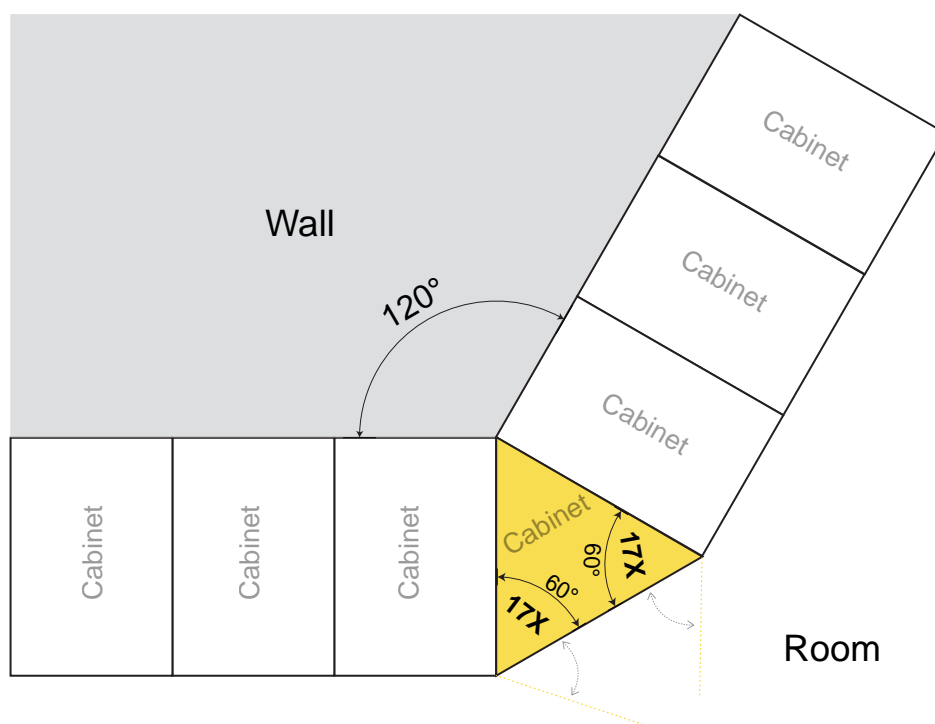
## Prototypes of hinge Installation



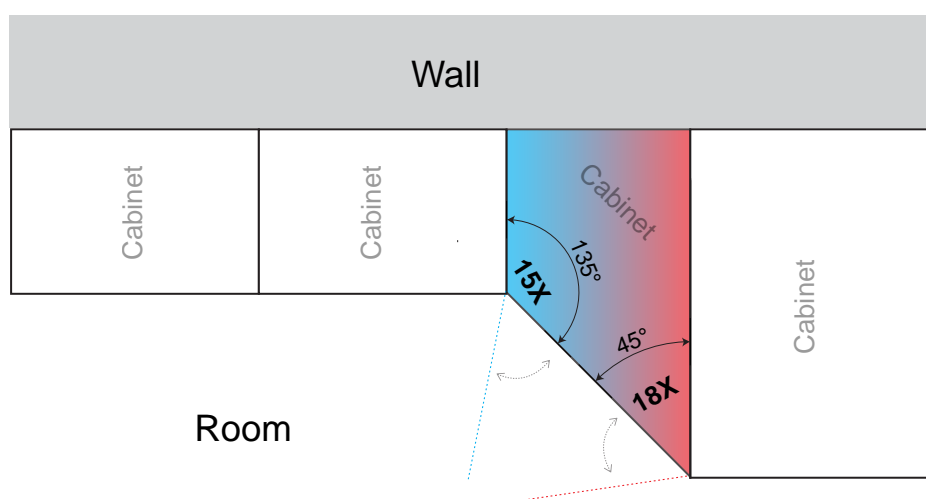
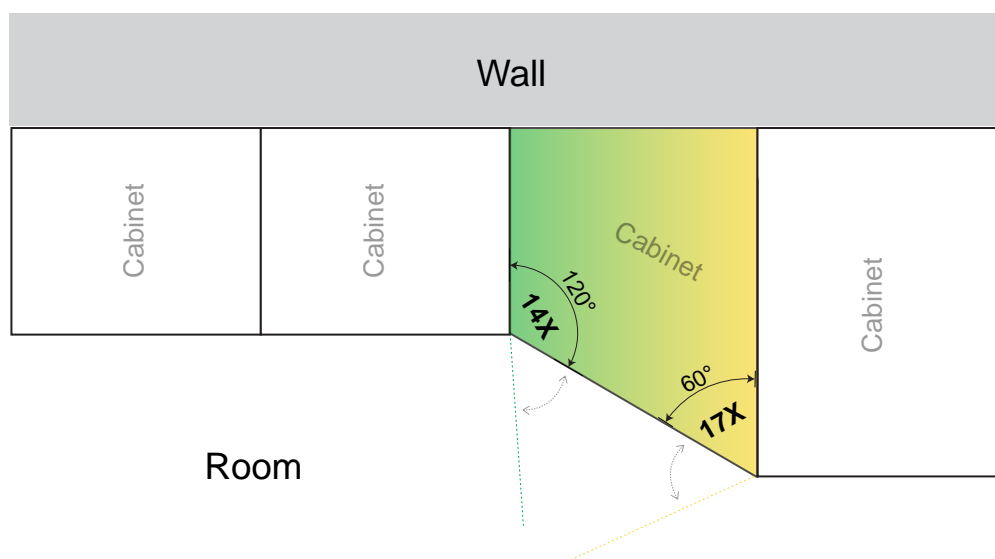
## Prototypes of hinge Installation



## Prototypes of hinge Installation



## Prototypes of hinge Installation



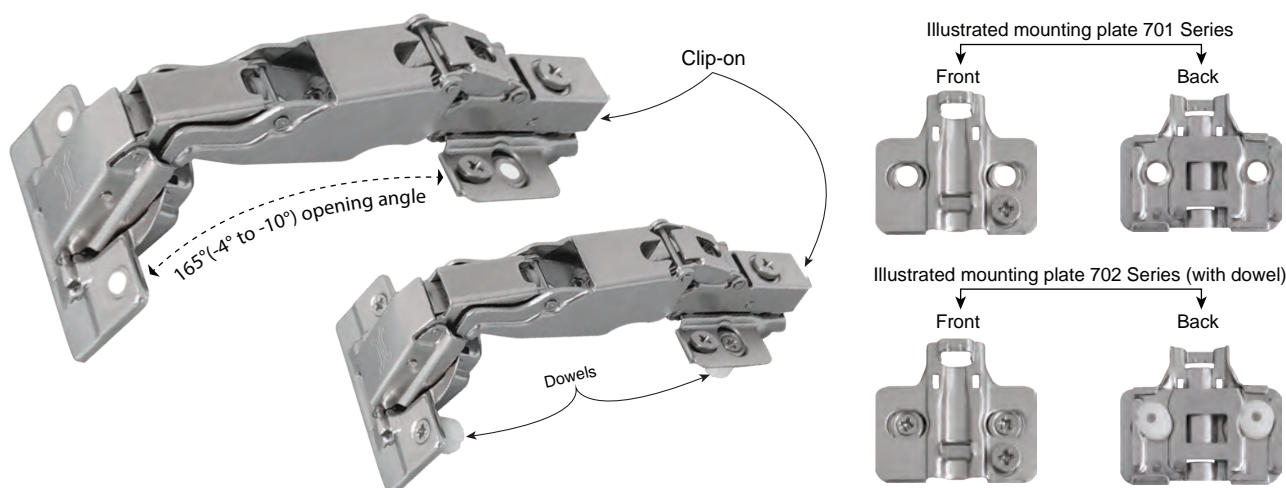
## ITEM CODE: 1002-1202-19X SERIES

CLIP-ON CABINET HINGE, OPENING ANGLE: 165° (TOLERANCE FROM -4° TO -10°)

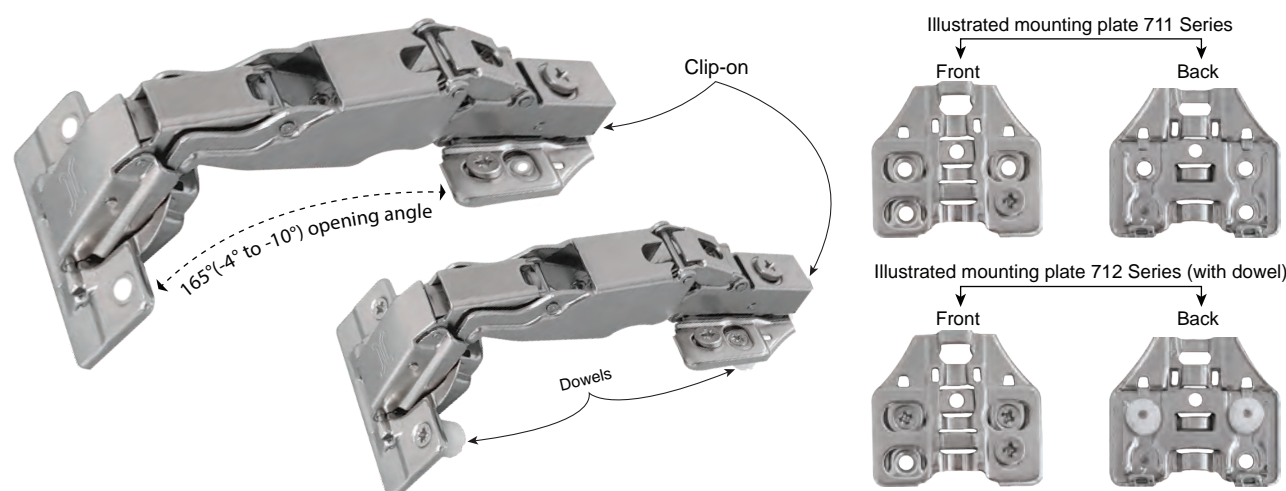
### Features:

- For leaf thickness 14-26 mm.
- Opening angle **165°**(tolerance from -4° to -10°), soft-close hinge.
- One-way hinge.
- Soft closing starts as early as 10° opening angle.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.

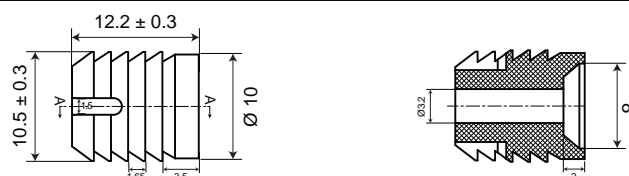
Illustrated hinge 19X Series with mounting plate 701 & 702 Series



Illustrated hinge 19X Series with mounting plate 711 & 712 Series



Dowel dimensions  
Ø 10 mm



**Diagram for cup fixing**

Diagram illustrating the components and dimensions for cup fixing:

- Side panel:** A rectangular plate with a central circular hole of diameter  $\varnothing 35$  and a width of 48.
- Leaf:** A rectangular plate with a width of 12 ( $\pm 0.3$ ) and a height of 48.
- Cup:** A cylindrical component with a diameter of  $\varnothing 35$  and a height of 48.

Wood screw mounting

## Wood screw mounting

Ø 10mm  
pre-mounted  
dowels

Side panel

3

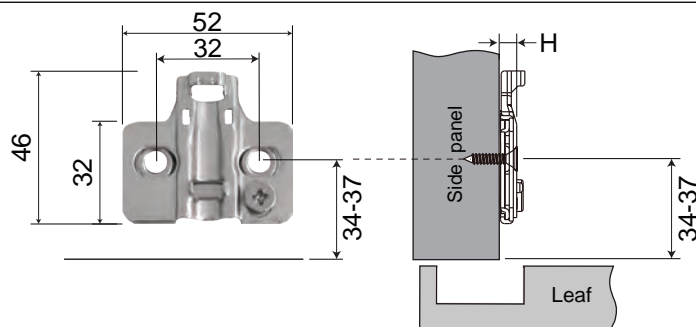
Leaf

22

Illustrated 165°(-4° to -10°) opening angle hinge  
with mounting plate H0

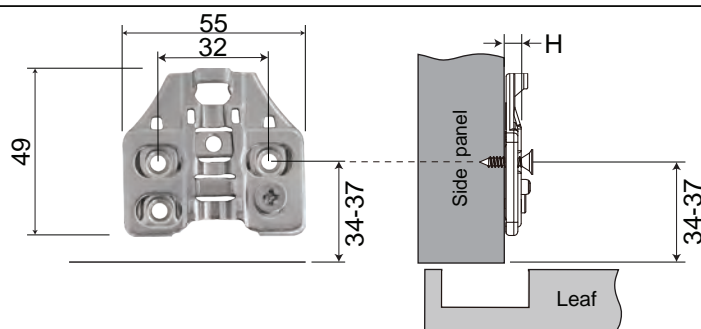
- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)

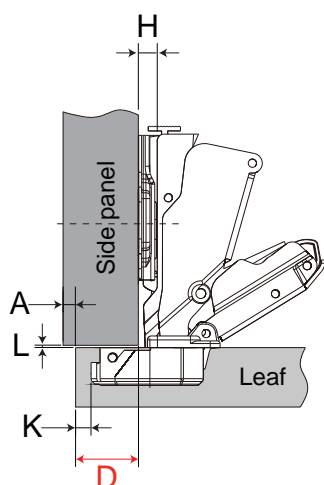


- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000		1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002		1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004		1002-1202-712-004 (with dowel)





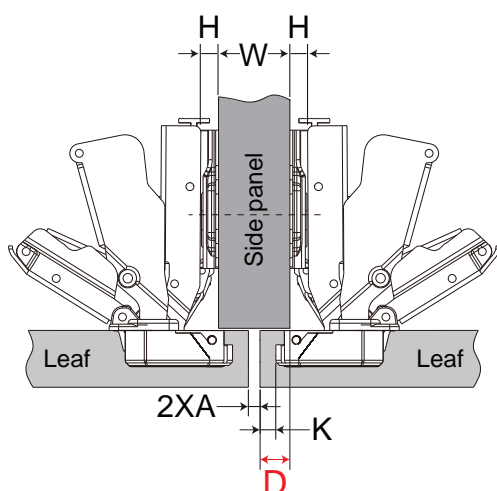


## FULL OVERLAY

Art #:1002-1202-191-165 &  
1002-1202-194-165 (with dowel)

$$H = 14 + K - D$$

$\begin{matrix} D \\ H \end{matrix}$ K	3	4	5	6	7
0	17	18	19	20	21
2	15	16	17	18	19
4	13	14	15	16	17

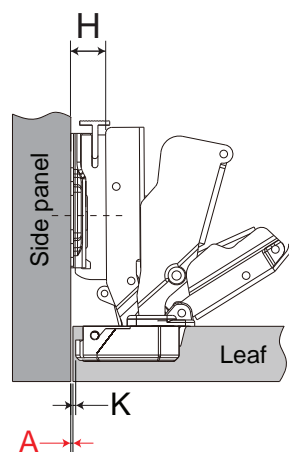


## HALF OVERLAY

Art #:1002-1202-192-165 &  
1002-1202-195-165 (with dowel)

$$H = 4 + K - D$$

$\begin{matrix} D \\ H \end{matrix}$ K	3	4	5	6	7
0	7	8	9	10	11
2	5	6	7	8	9
4	3	4	5	6	7



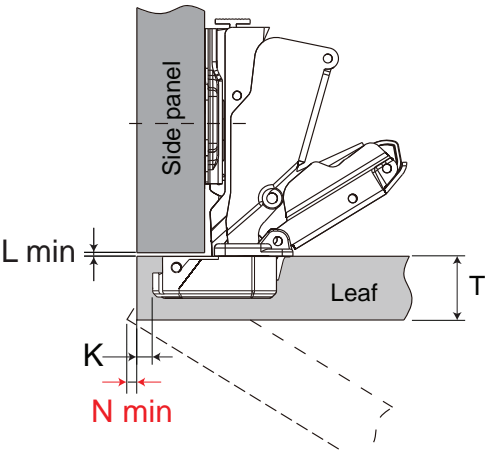
## INSET

Art #:1002-1202-193-165 &  
1002-1202-196-165 (with dowel)

$$H = 0 + K + A$$

$\begin{matrix} A \\ H \end{matrix}$ K	3	4	5	6	7
2	-1	-2	-3	-4	-5
4	1	0	-1	-2	-3

## Minimum reveal table

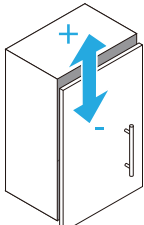


N	K	T	14	15	16	17	18	19	20	21	22	23	24	25	26
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6	2.1	2.7
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.4	2.0	2.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.2	1.8	2.3
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.2
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.5	2.0

K= Boring distance  
T= Leaf thickness  
N= Minimum gap  
L= Gap between leaf & side panel

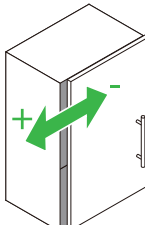
*Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leaves having round corner edges, the parameters value will be reduced.*

## Hinge adjustment



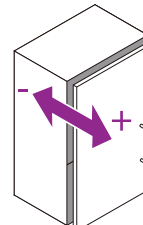
**Height adjustment**

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



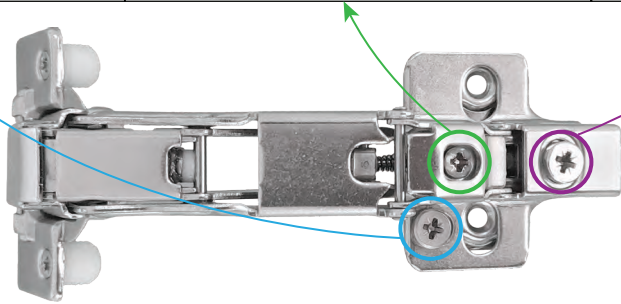
**Overlay adjustment**

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -3mm, +3mm.



**Depth adjustment**

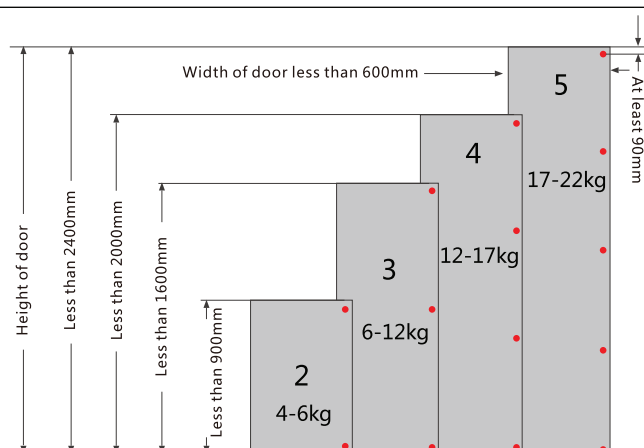
Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.



**Notes:**

- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjust ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

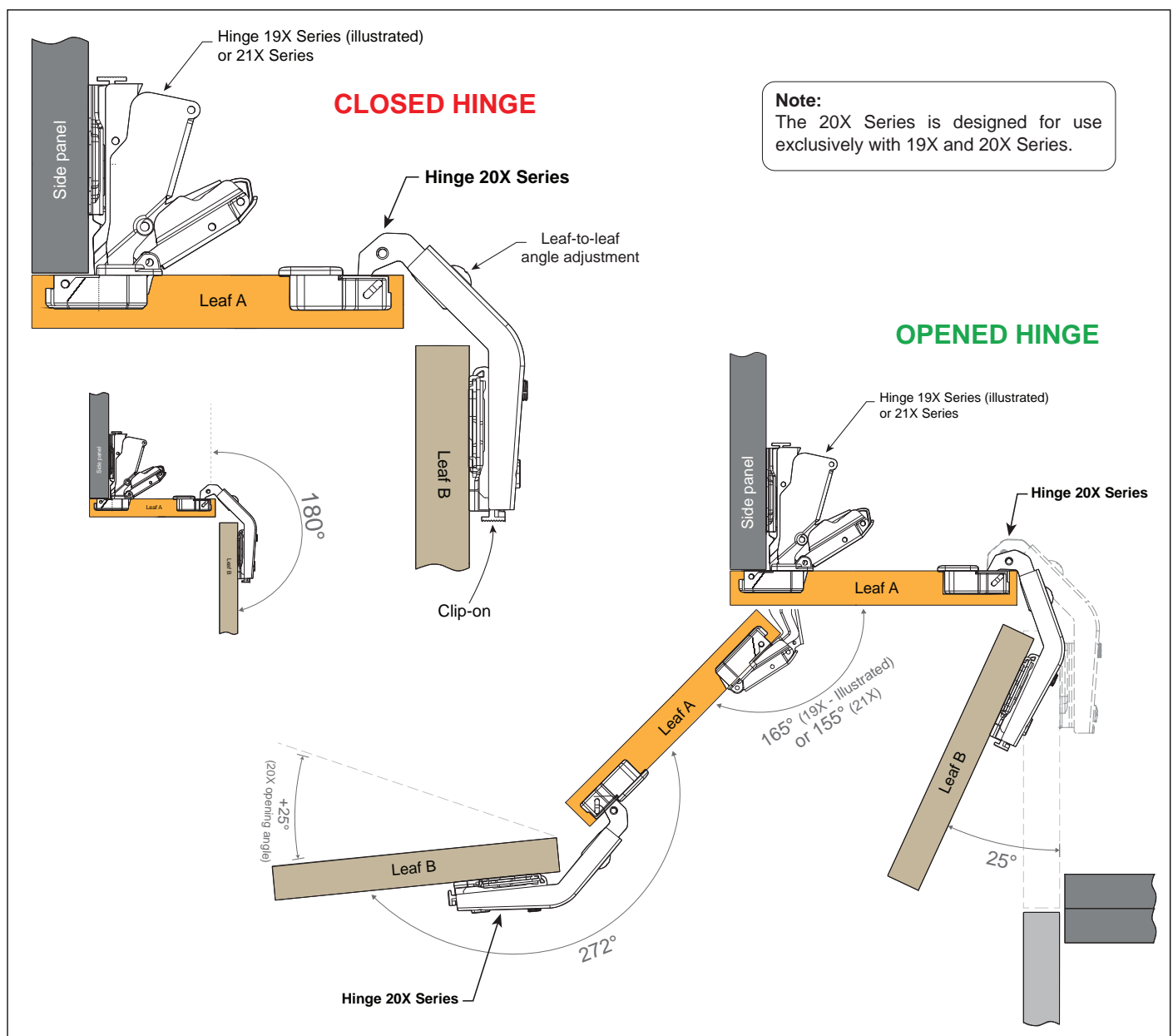
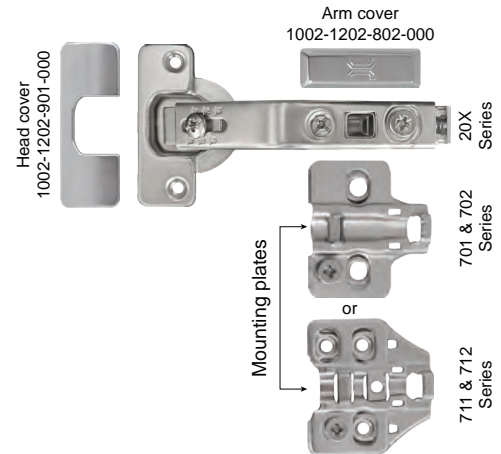


## ITEM CODE: 1002-1202-20X SERIES

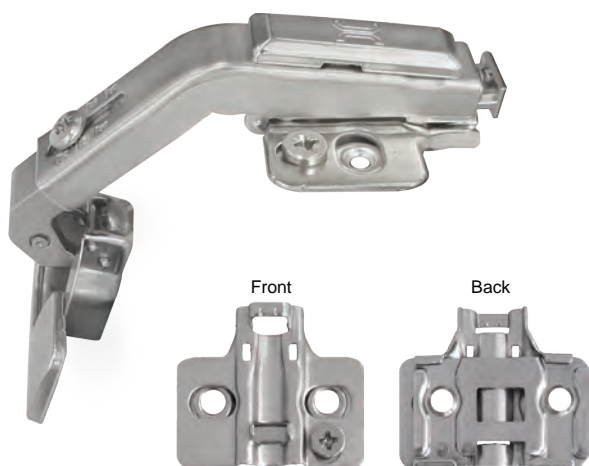
CLIP-ON CABINET HINGE, CLOSED ANGLE: +180° | OPENING ANGLE: 105°(±3)

### Features:

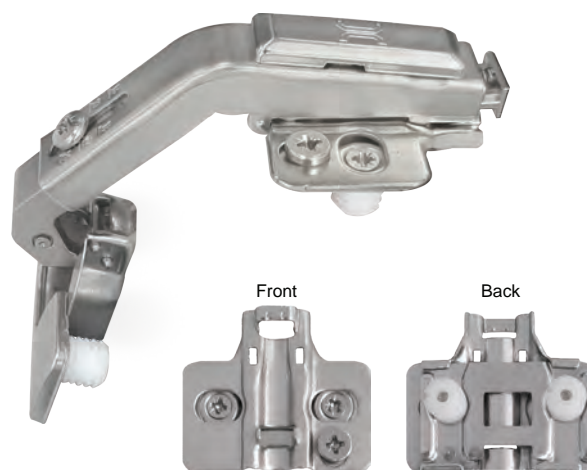
- For leaf thickness 14-22 mm.
- **+180°** angled hinge, opening angle 25°.
- Engineered for use with bi-fold door applications.
- Unsprung hinge.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate), in addition to leaf-to-leaf angle adjustment.
- Compliant to EN15570 - 40,000 cycles.



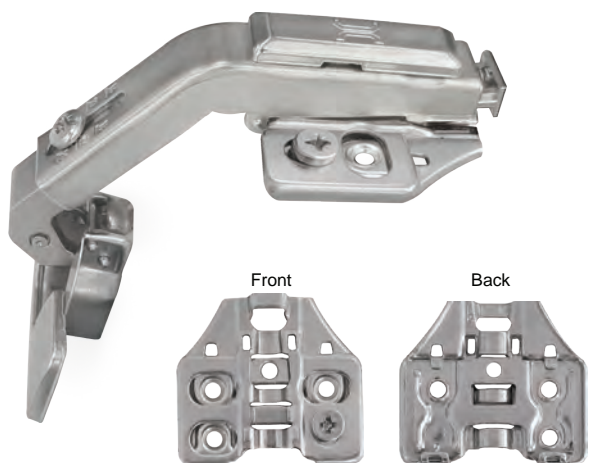
Cabinet hinge 20X Series with mounting plate 701 Series



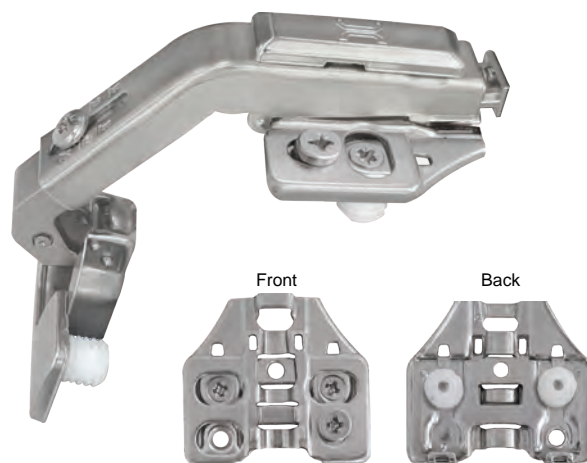
Cabinet hinge 20X Series with mounting plate 702 Series (with dowel)



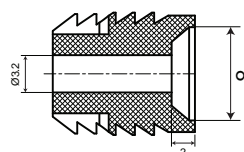
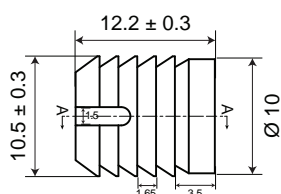
Cabinet hinge 20X Series with mounting plate 711 Series



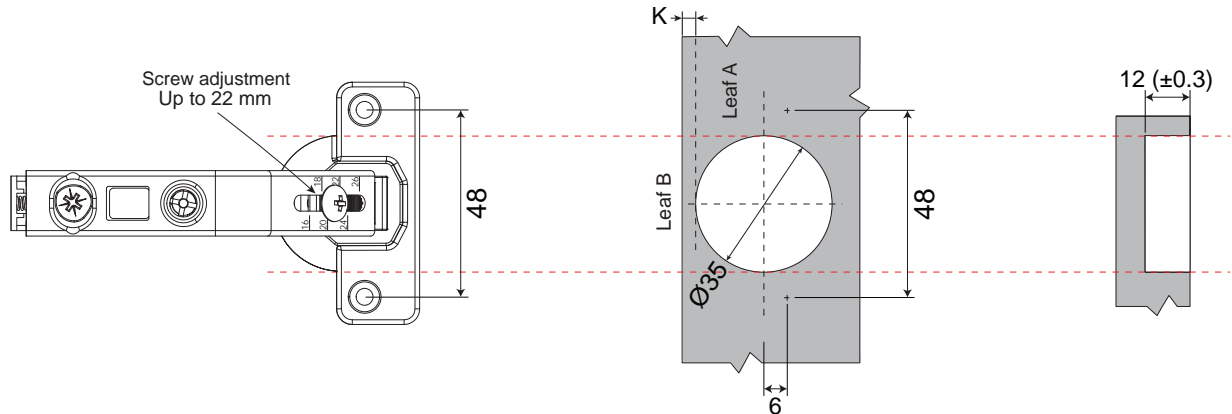
Cabinet hinge 20X Series with mounting plate 712 Series (with dowel)



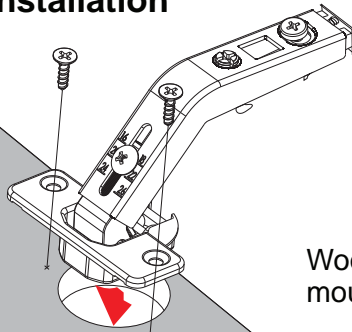
Dowel dimensions  
Ø 10 mm



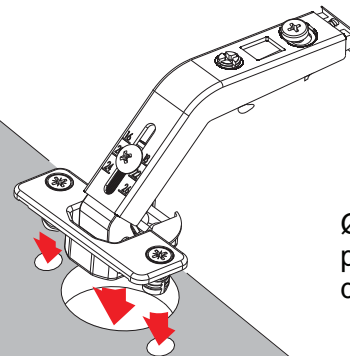
## Drilling pattern for cup fixing



## Cup Installation



Wood screw  
mounting

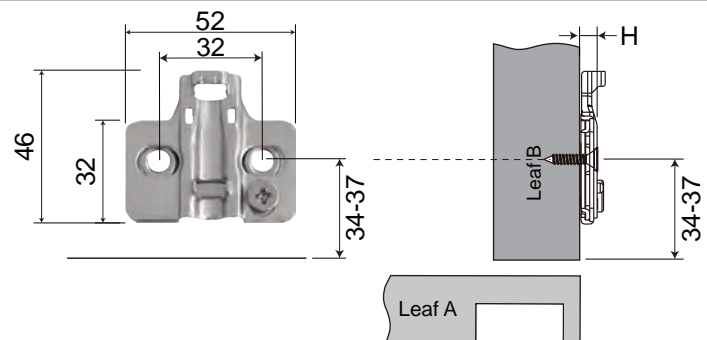


$\varnothing 10$ mm  
pre-mounted  
dowels

### Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To leaf B edge: 34 mm to 37 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

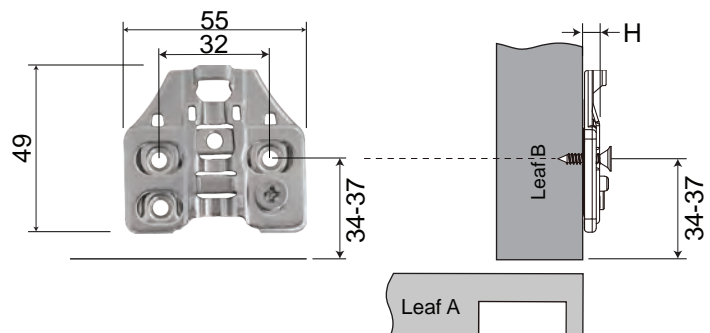
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)

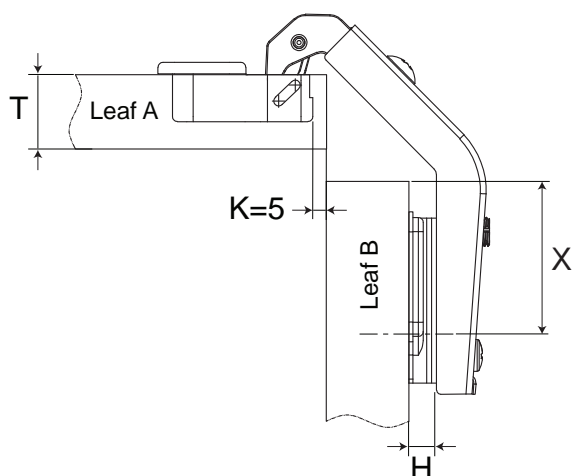


### Mounting plates features:

- Wood screw:  $\varnothing 4 \times 15.5$  mm.
- Fixing screw drilling space: 32 mm.
- To leaf B edge: 34 mm to 37 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000		1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002		1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004		1002-1202-712-004 (with dowel)



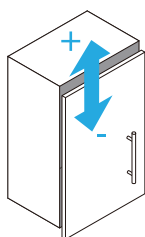


## FULL OVERLAY

Art #:1002-1202-200-180 &  
1002-1202-207-180 (with dowel)

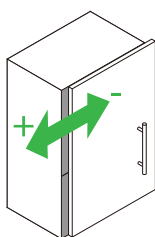
T	Leaf thickness < 18mm	22mm > Leaf thickness > 18mm
H	2	0
X	37	37

## Hinge adjustment



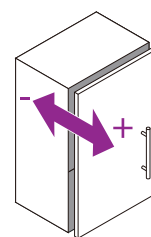
### Height adjustment

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.



### Overlay adjustment

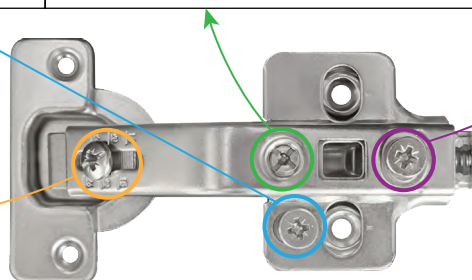
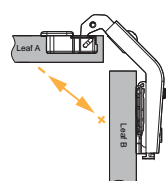
Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -2.5mm, +2.5mm.



### Depth adjustment

Rotate depth screw to adjust leaf gap.  
Adjust range: -1.9mm, +1.9mm.

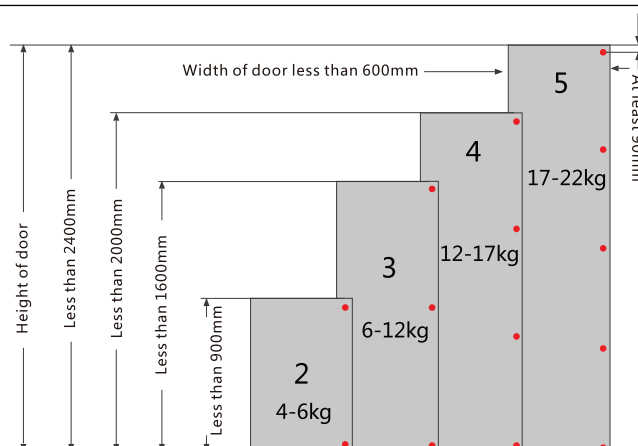
### Leaf-to-leaf angle adjustment



### Notes:

- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjust ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight





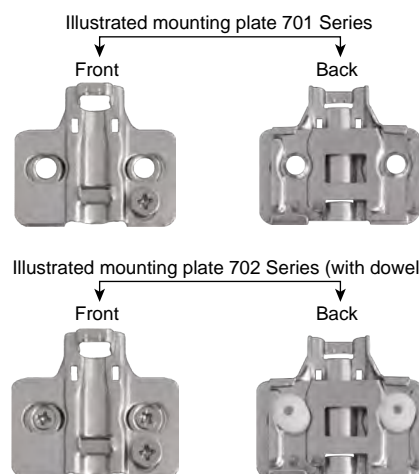
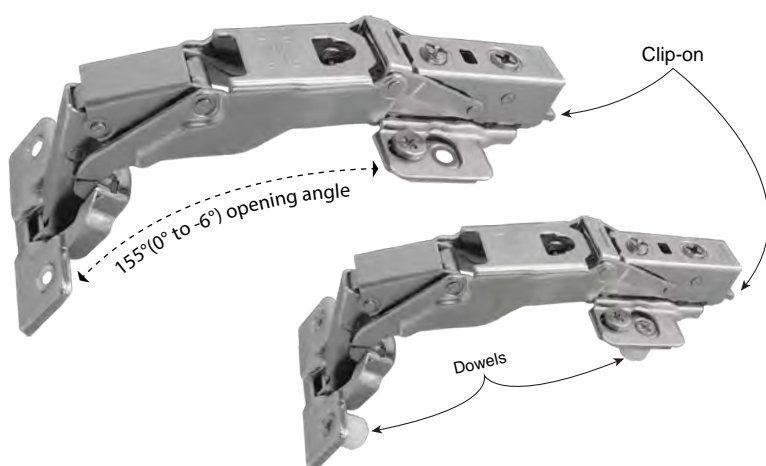
## ITEM CODE: 1002-1202-21X SERIES

CLIP-ON CABINET HINGE, OPENING ANGLE: 155° (TOLERANCE FROM 0° TO -6°)

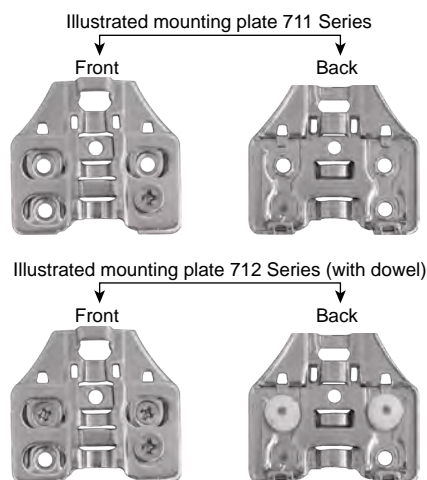
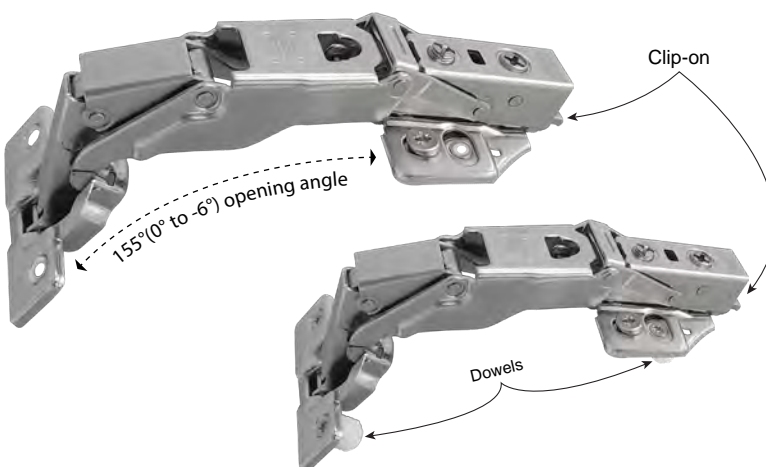
### Features:

- For leaf thickness 14-28 mm.
- Opening angle 155° (tolerance from 0° to -6°), soft-close hinge.
- One-way hinge.
- Soft closing starts as early as 5° opening angle.
- Base material: Cold rolled steel cup & arm.
- Spiral screw provides easy & infinitely variable depth adjustment.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 48 mm.
- 3D adjustment (with mounting plate).
- Allows for the most access into the cabinet.
- Zero protrusion on full overlay with max. 2 mm mounting plates.
- Compliant to EN15570 - 40,000 cycles.

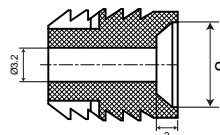
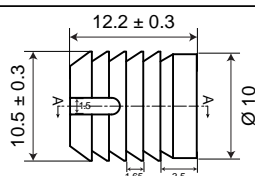
Illustrated hinge 21X Series with mounting plate 701 & 702 Series



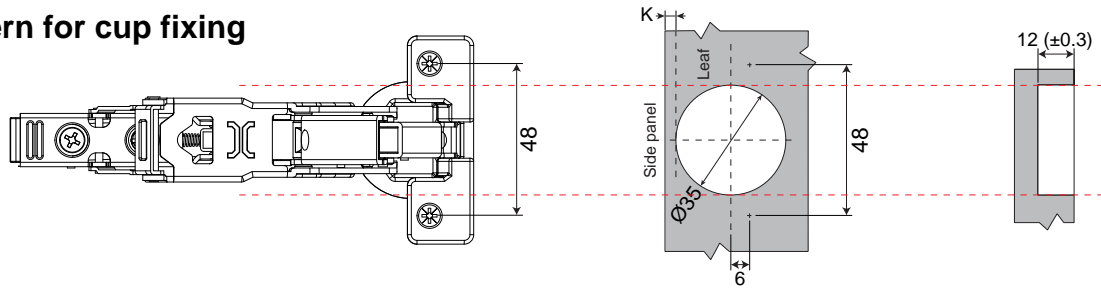
Illustrated hinge 21X Series with mounting plate 711 & 712 Series



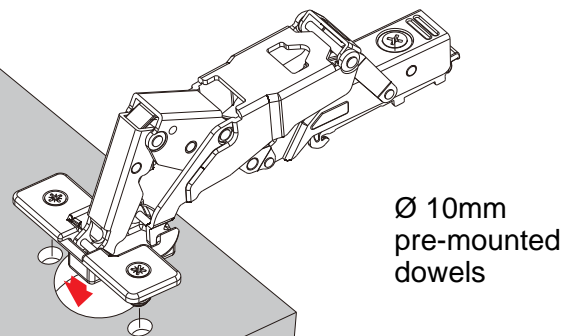
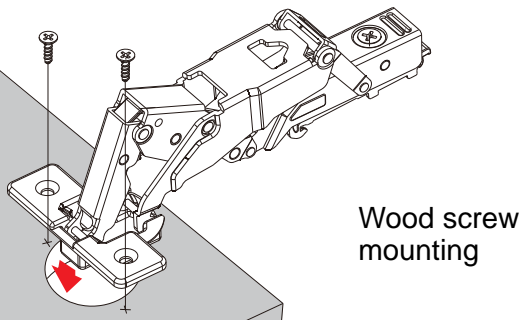
Dowel dimensions  
Ø 10 mm



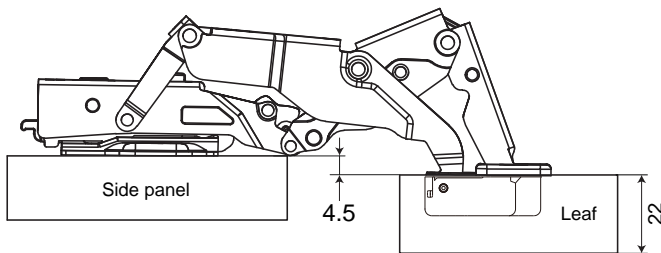
## Drilling pattern for cup fixing



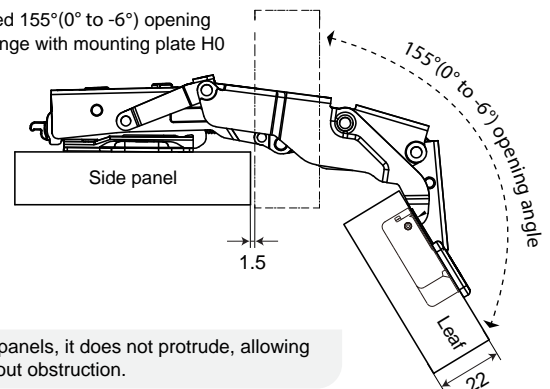
## Cup Installation



Illustrated 90° opening angle hinge with mounting plate H0



Illustrated 155°(0° to -6°) opening angle hinge with mounting plate H0

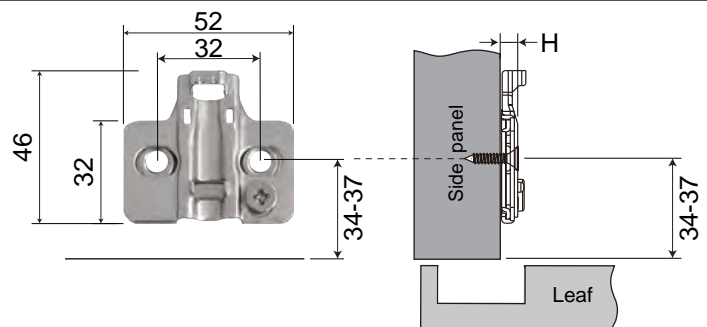


**Zero Protrusion:** When the leaf is opened parallel to the side panels, it does not protrude, allowing access to any pull baskets or drawers inside the cabinet without obstruction.

## Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

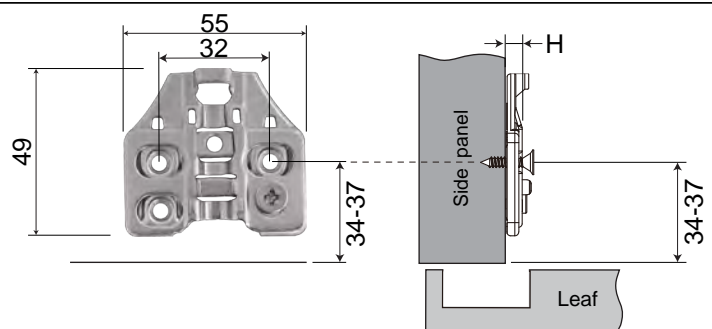
H0: 1002-1202-701-000	1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002	1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004	1002-1202-702-004 (with dowel)



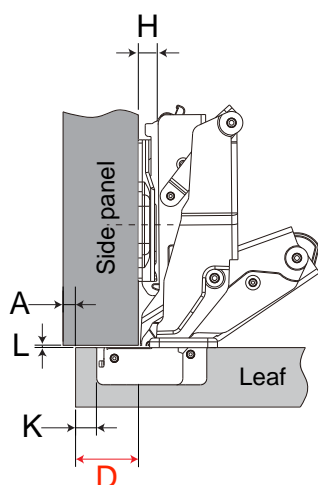
## Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 34 mm to 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000	1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002	1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004	1002-1202-712-004 (with dowel)





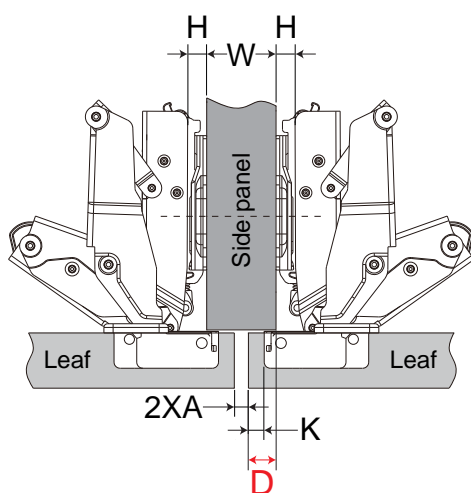


## FULL OVERLAY

Art #:1002-1202-211-155 &  
1002-1202-214-155 (with dowel)

$$H = 14 + K - D$$

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

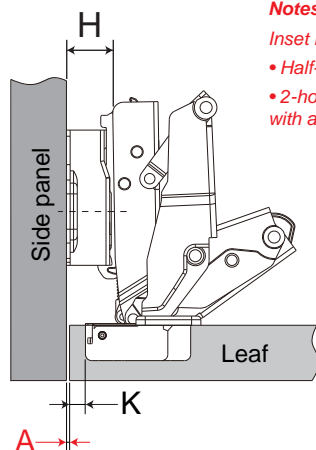


## HALF OVERLAY

Art #:1002-1202-212-155 &  
1002-1202-215-155 (with dowel)

$$H = 4 + K - D$$

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



## INSET

### Notes:

Inset hinge requires:

• Half-overlay hinge.

• 2-hole mounting plate  
with a height of 9 (H9).

Art #:1002-1202-212-155 &  
1002-1202-215-155 (with dowel)

**with mounting plate:**

Art #: 1002-1202-741-009 &  
1002-1202-742-009 (with dowel)

$$H = 0 + K + A$$

A \ K	3	4	5	6	7
9	1	0	-1	-2	-3

## Minimum reveal table

N \ K \ T	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.1	1.5	2.0	2.5	3.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.3	1.8	2.3	2.9	3.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.5	2.1	2.7	3.5	4.4
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9	2.6	3.5	4.8	5.5
7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.8	2.6	3.5	4.7	5.6	6.7	7.6

**K**= Boring distance  
**T**= Leaf thickness  
**N**= Minimum gap  
**L**= Gap between leaf & side panel

*Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leaves having round corner edges, the parameters value will be reduced.*

## Hinge adjustment

**Height adjustment**

Adjust the mounting plate on panel to adjust the leaf's height.  
Adjust range: -1.9mm, +1.9mm.

**Overlay adjustment**

Rotate lateral screw to increase or decrease leaf overlay.  
Adjust range: -3mm, +3mm.

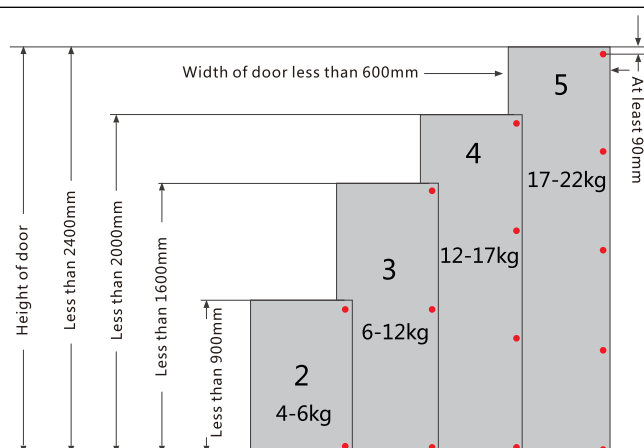
**Depth adjustment**

Rotate depth screw to adjust leaf gap.  
Adjust range: -3mm, +3mm.

**Notes:**

- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjustment ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

## Hinges distribution based on leaf height and weight

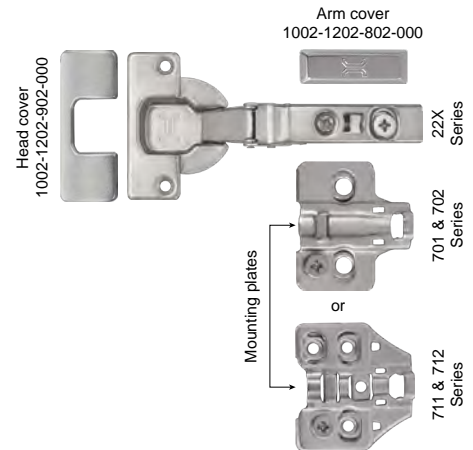


## ITEM CODE: 1002-1202-22X SERIES

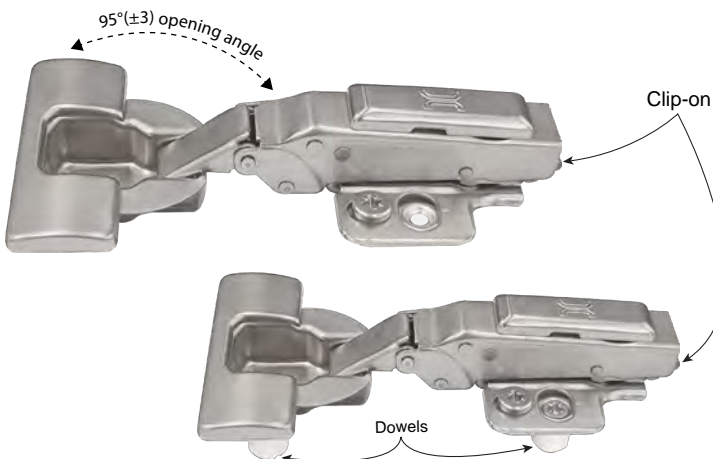
### CLIP-ON CABINET HINGE, OPENING ANGLE: 95° (±3)

#### Features:

- For leaf thickness 18-30 mm.
- Opening angle **95°(±3)**, soft-close hinge.
- Two-way hinge.
- Designed for thicker leaf.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) for easy assembly.
- Cup screw fixing distance: 52 mm.
- 3D adjustment (with mounting plate).
- Compliant to EN15570 - 40,000 cycles.



Illustrated hinge 22X Series with mounting plate 701 & 702 Series



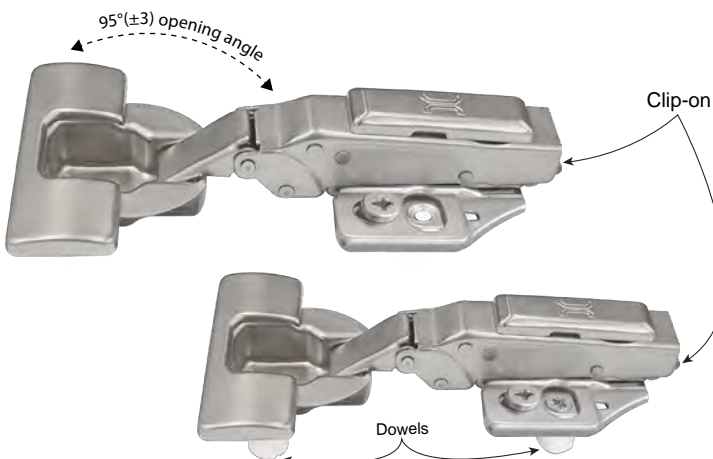
Illustrated mounting plate 701 Series



Illustrated mounting plate 702 Series (with dowel)



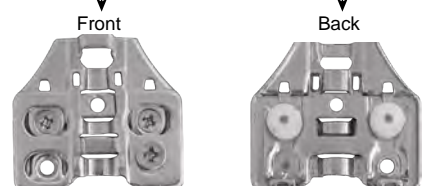
Illustrated hinge 22X Series with mounting plate 711 & 712 Series



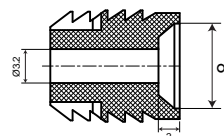
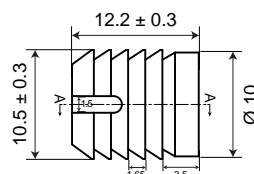
Illustrated mounting plate 711 Series



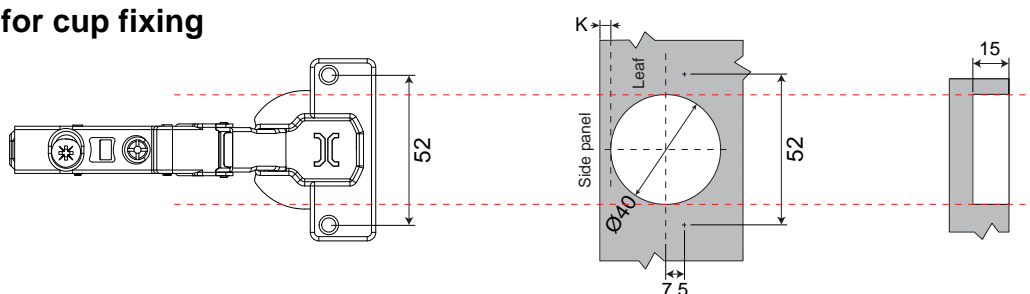
Illustrated mounting plate 712 Series (with dowel)



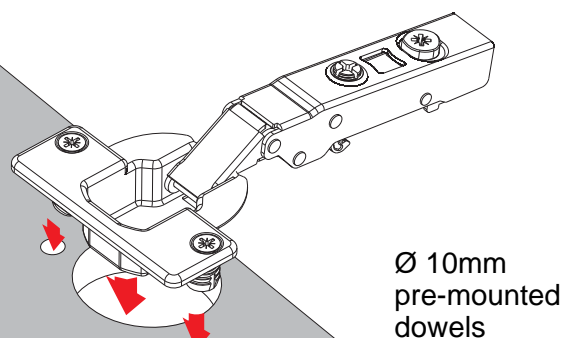
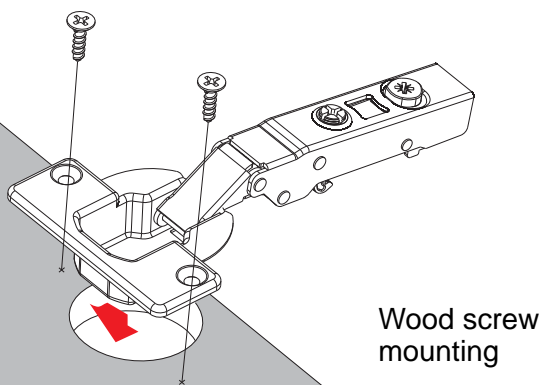
Dowel dimensions  
Ø 10 mm



## Drilling pattern for cup fixing



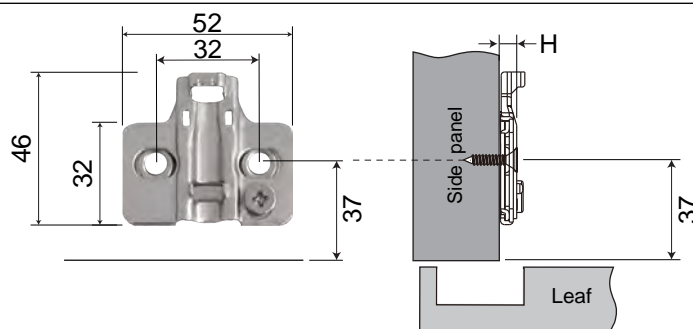
## Cup installation



### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

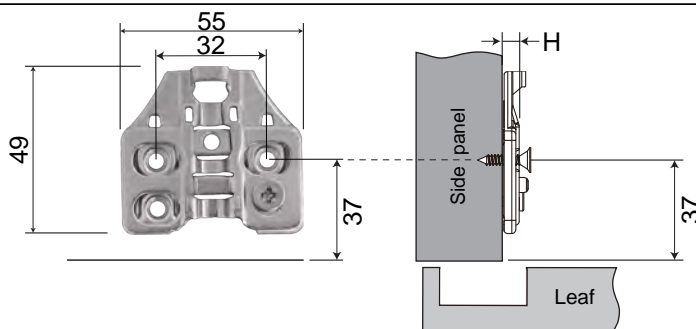
H0: 1002-1202-701-000	1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002	1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004	1002-1202-702-004 (with dowel)

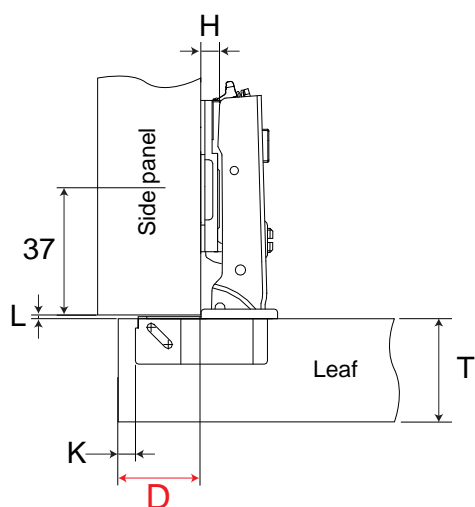


### Mounting plates features:

- Wood screw: Ø 4\*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 37 mm (for full & half overlay).
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.  
- Optional: Copper (CU) & matt black plated.
- Height:
 

H0: 1002-1202-711-000	1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002	1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004	1002-1202-712-004 (with dowel)



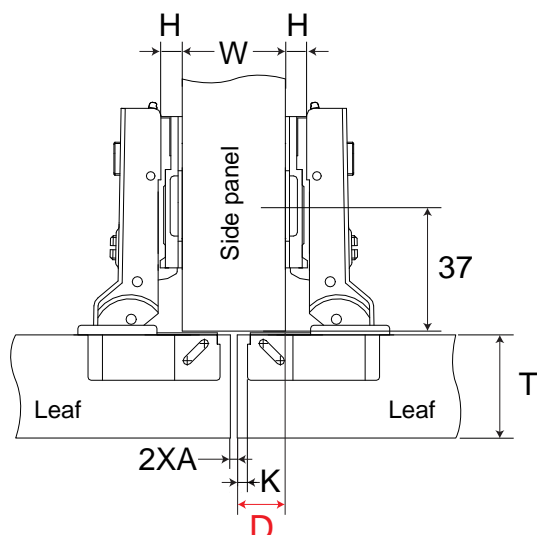


## FULL OVERLAY

Art #:1002-1202-221-000 &  
1002-1202-224-000 (with dowel)

$$H = 20 + K - D$$

D \ K	3	4	5	6	7	...MAX 11
0	23	24	25	26	27	
2	21	22	23	24	25	
4	19	20	21	22	23	

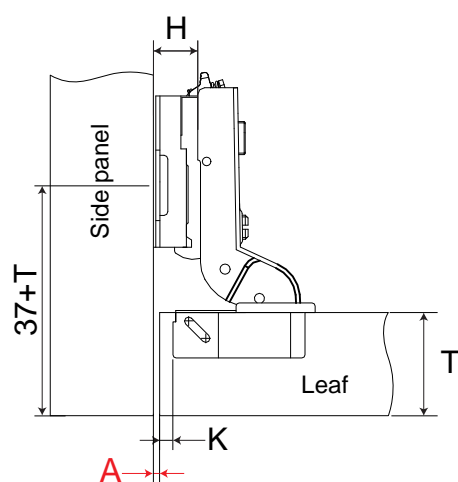


## HALF OVERLAY

Art #:1002-1202-222-000 &  
1002-1202-225-000 (with dowel)

$$H = 10 + K - D$$

D \ K	3	4	5	6	7	...MAX 11
0	13	14	15	16	17	
2	11	12	13	14	15	
4	9	10	11	12	13	



## INSET

Art #:1002-1202-223-000 &  
1002-1202-226-000 (with dowel)

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

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

## Minimum reveal table

The diagram shows a side panel and a leaf. The side panel is on the left, and the leaf is on the right. The gap between the side panel and the leaf is labeled 'L'. The leaf's thickness is labeled 'T'. The boring distance is labeled 'K'. The minimum gap is labeled 'N min'.

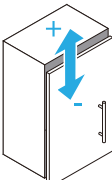
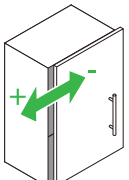
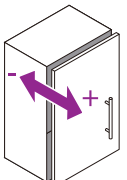
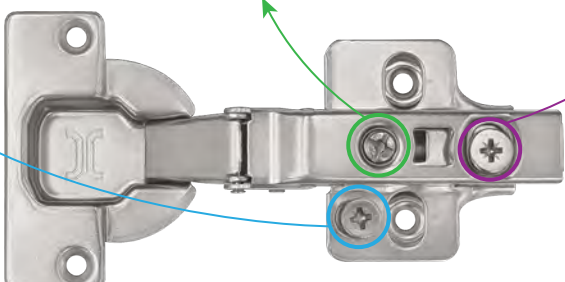
K= Boring distance  
T= Leaf thickness  
N= Minimum gap  
L= Gap between leaf & side panel

N K	T	18	19	20	21	22	23	24	25	26	27	28	29	30
3		0.0	0.1	0.5	0.8	1.1	1.5	1.8	2.2	2.5	2.8	3.2	3.5	3.9
4		0.0	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.4	2.8	3.1	3.5	3.8
5		0.0	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.1	3.4	3.8
6		0.0	0.0	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.7	3.0	3.3	3.7
7		0.0	0.0	0.2	0.6	0.9	1.2	1.6	1.9	2.3	2.6	2.9	3.3	3.6
8		0.0	0.0	0.2	0.5	0.9	1.2	1.5	1.9	2.3	2.6	2.9	3.3	3.6
9		0.0	0.0	0.1	0.5	0.9	1.2	1.5	1.8	2.2	2.5	2.8	3.2	3.5
10		0.0	0.0	0.1	0.4	0.9	1.2	1.5	1.7	2.2	2.5	2.8	3.2	3.5
11		0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.0	3.4

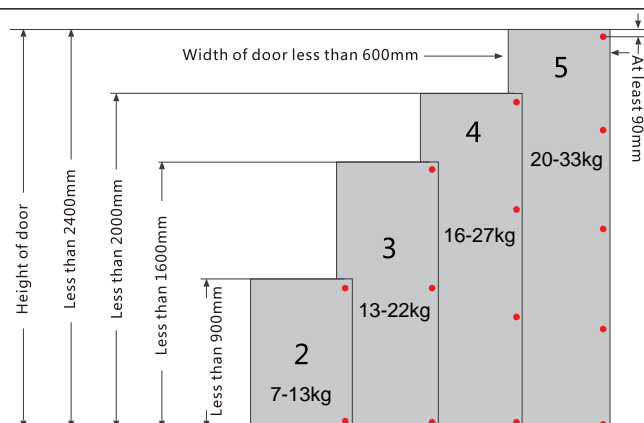
L K	T	18	19	20	21	22	23	24	25	26	27	28	29	30
3-9		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
11		1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1

*Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leaves having round corner edges, the parameters value will be reduced.*

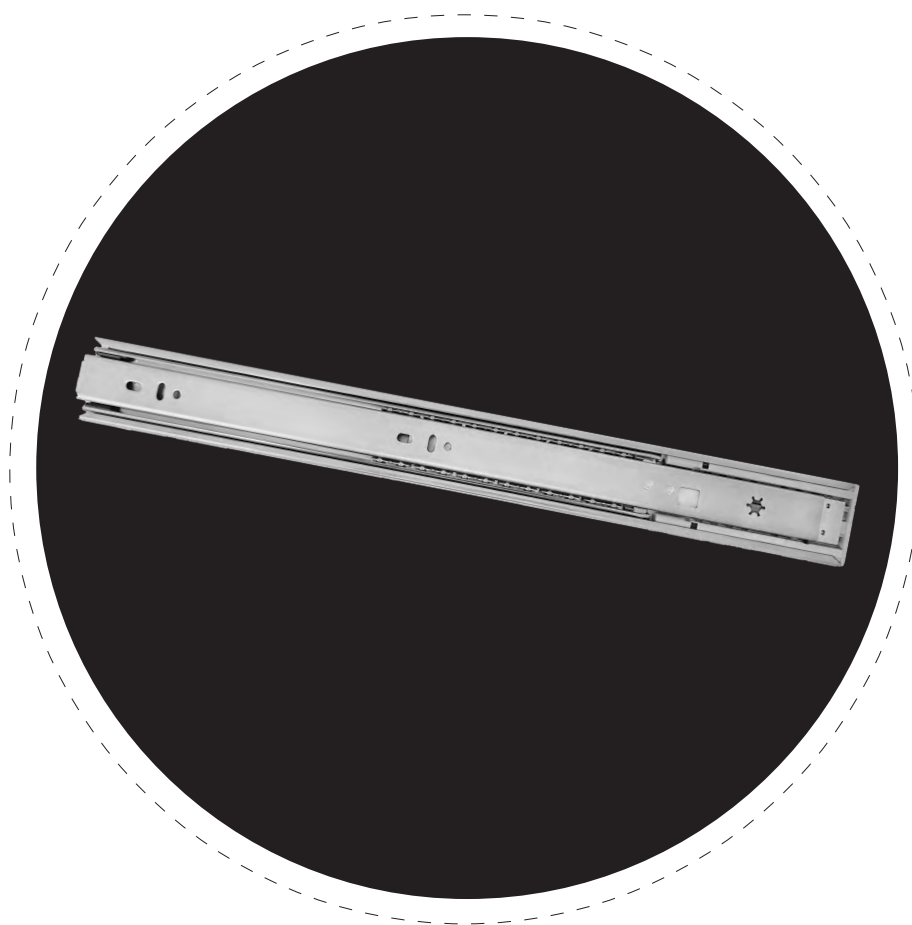
## Hinge adjustment

 <p><b>Height adjustment</b></p> <p>Adjust the mounting plate on panel to adjust the leaf's height. Adjust range: -1.9mm, +1.9mm.</p>	 <p><b>Overlay adjustment</b></p> <p>Rotate lateral screw to increase or decrease leaf overlay. Adjust range: -3mm, +3mm.</p>	 <p><b>Depth adjustment</b></p> <p>Rotate depth screw to adjust leaf gap. Adjust range: -2.4mm, +2.4mm.</p>
 <div style="position: absolute; top: 10px; right: 10px;"> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Mounting plates 701 series, 702 series, 711 series &amp; 712 series have the same adjust ranges.</li> <li>• The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.</li> </ul> </div>		

## Hinges distribution based on leaf height and weight



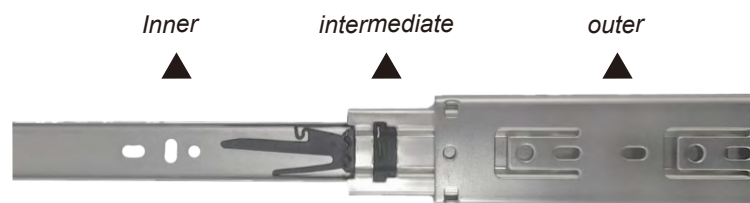
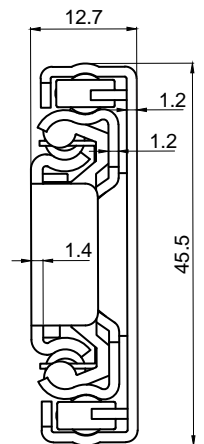
# BALL BEARING SLIDES



## FULL (100%) EXTENSION SOFT-CLOSE BALL-BEARING SLIDES ART#: 1001-1201-001 SERIES

### Features:

- Extension: Full-extension with soft-close mechanism.
- Mounting type: Side-mounted.
- Profile height: 45.5 mm.
- Side space allowance: 13-13.5 mm.
- Material thickness: 1.2/1.2/1.4mm.
- Load/weight capacity: 35 kgs (450 mm) per set.
- Length range: 300 mm (12") to 600 mm (24").
- Release mechanism: Lever-release inner member.
- Material: Cold rolled steel.
- Standard finish: Blue zinc.
- Compliant to EN 15338- 50,000 cycles.

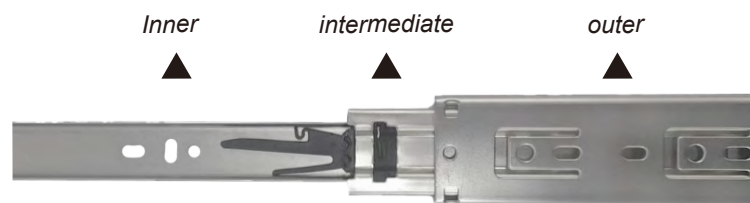
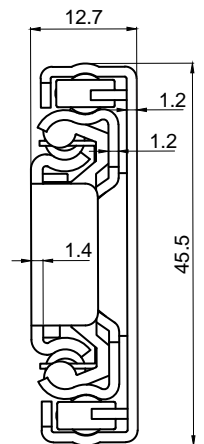




## FULL (100%) EXTENSION PUSH-TO-OPEN BALL-BEARING SLIDES ART#: 1001-1201-002 SERIES

### Features:

- Extension: Full-extension with push-to-open mechanism.
- Mounting type: Side-mounted.
- Profile height: 45.5 mm.
- Side space allowance: 13-13.5 mm.
- Material thickness: 1.2/1.2/1.4mm.
- Load/weight capacity: 35 kgs (450 mm) per set.
- Length range: 300 mm (12") to 600 mm (24").
- Release mechanism: Lever-release inner member.
- Material: Cold rolled steel.
- Standard finish: Blue zinc.
- Compliant to EN 15338- 50,000 cycles.



## FULL (100%) EXTENSION SOFT CLOSE & PUSH-TO-OPEN BALL-BEARING SLIDES ART#: 1202-1201-003 SERIES

### Features:

- Extension: Full-extension with soft close & push-to-open mechanism.
- Mounting type: Side-mounted.
- Profile height: 45.5 mm.
- Side space allowance: 13-13.5 mm.
- Material thickness: 1.2/1.2/1.4mm.
- Load/weight capacity: 35 kgs (450 mm) per set.
- Length range: 300 mm (12") to 600 mm (24").
- Release mechanism: Lever-release inner member.
- Material: Cold rolled steel.
- Standard finish: Blue zinc.
- Compliant to EN 15338- 50,000 cycles.

