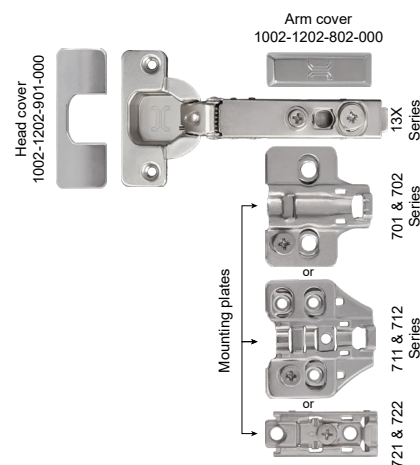


## ITEM CODE: 1002-1202-13X SERIES

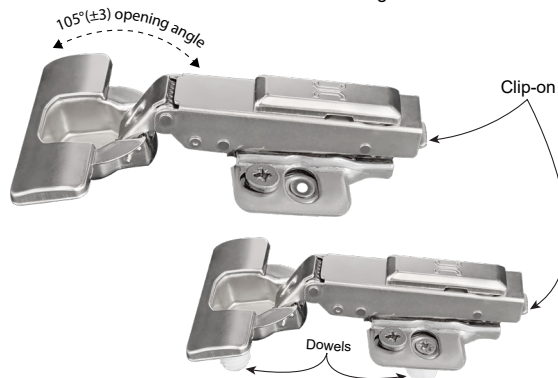
### CLIP-ON CABINET HINGE, OPENING ANGLE: 105° (±3)

#### 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.



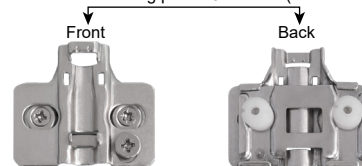
Illustrated hinge 13X Series with mounting plate 701 & 702 Series



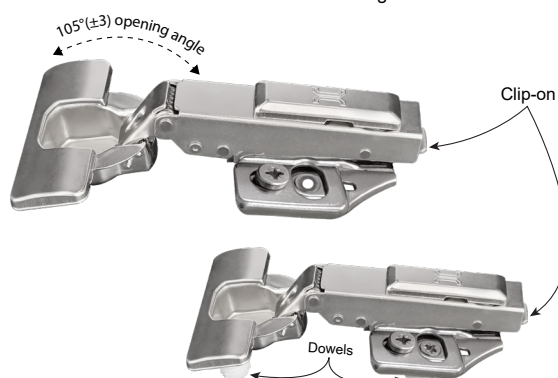
Illustrated mounting plate 701 Series



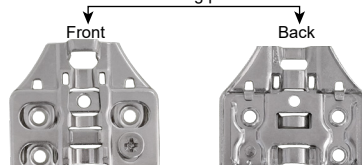
Illustrated mounting plate 702 Series (with dowel)



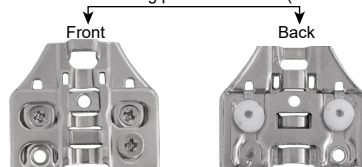
Illustrated hinge 13X Series with mounting plate 711 & 712 Series



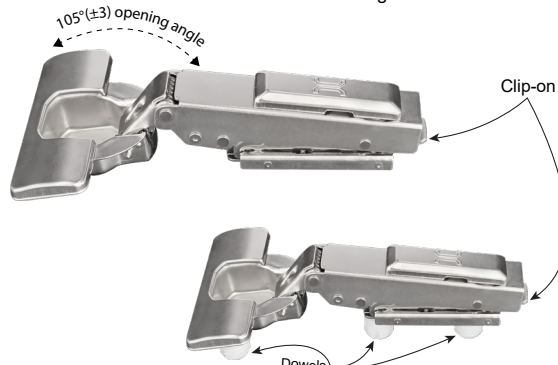
Illustrated mounting plate 711 Series



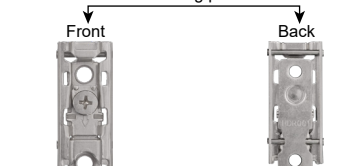
Illustrated mounting plate 712 Series (with dowel)



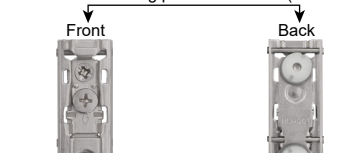
Illustrated hinge 13X Series with mounting plate 721 & 722 Series



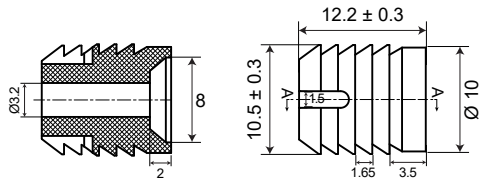
Illustrated mounting plate 721 Series



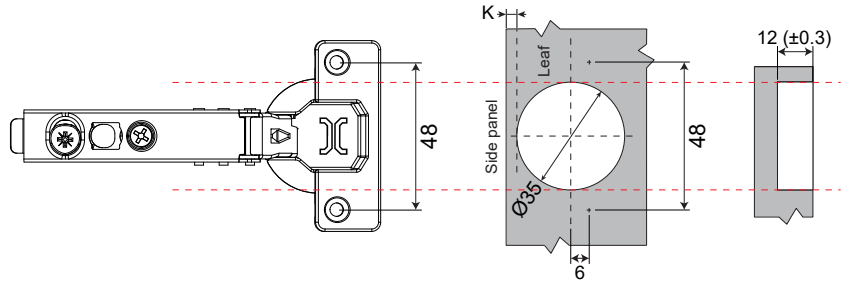
Illustrated mounting plate 722 Series (with dowel)



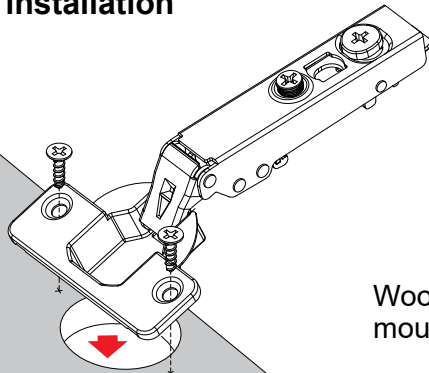
## Dowel dimensions Ø 10 mm



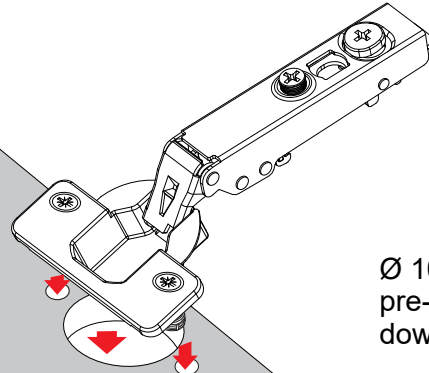
## Drilling pattern for cup fixing



## Cup installation



Wood screw  
mounting

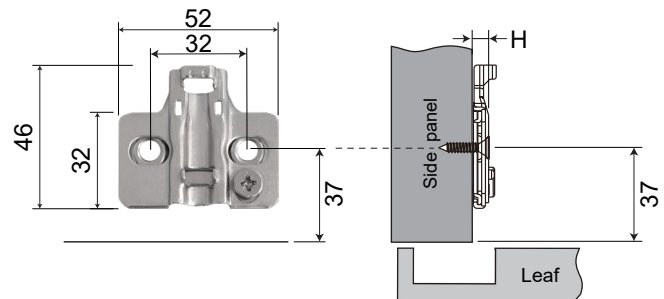


Ø 10mm  
pre-mounted  
dowels

### 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:
 

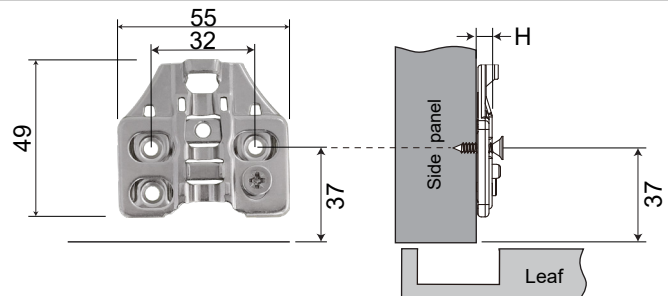
H0: 1002-1202-701-000	1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002	1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004	1002-1202-702-004 (with dowel)



### 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:
 

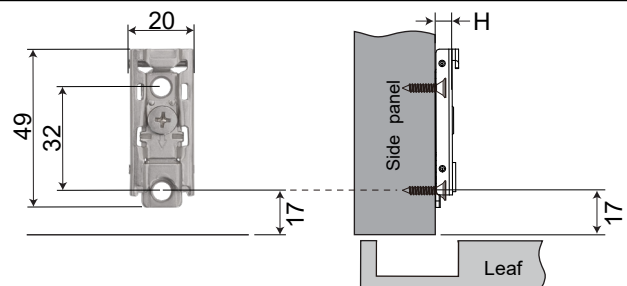
H0: 1002-1202-711-000	1002-1202-712-000 (with dowel)
H2: 1002-1202-711-002	1002-1202-712-002 (with dowel)
H4: 1002-1202-711-004	1002-1202-712-004 (with dowel)

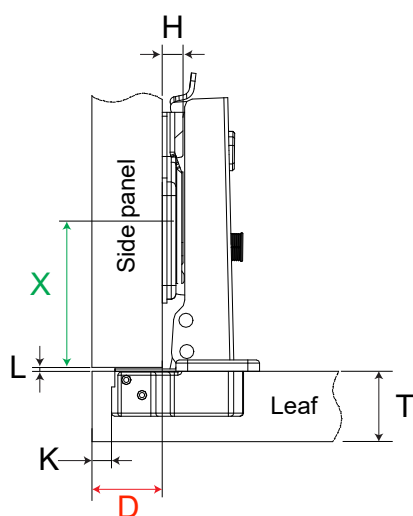


### Mounting plates features:

- 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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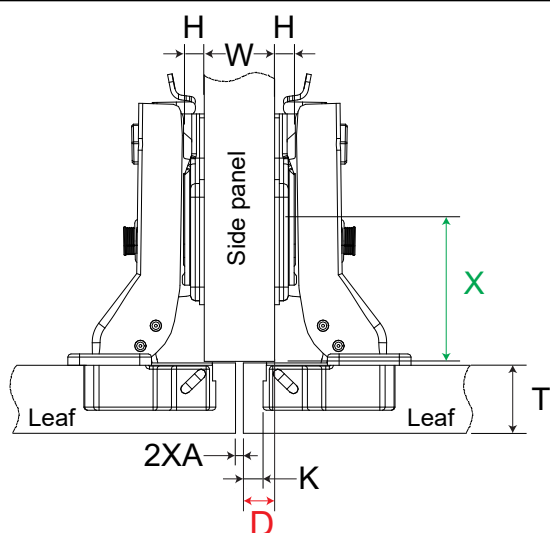
## FULL OVERLAY

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
H \ 2	15	16	17	18	19
H \ 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.



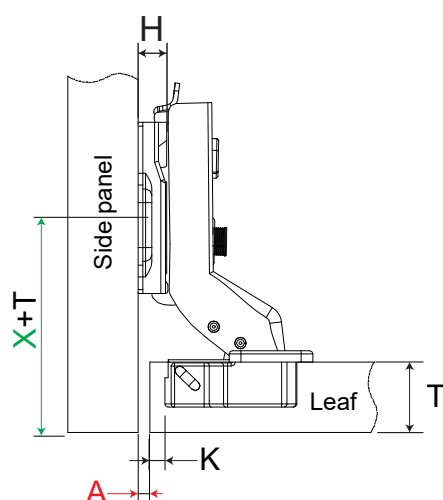
## HALF OVERLAY

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
H \ 2	5	6	7	8	9
H \ 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

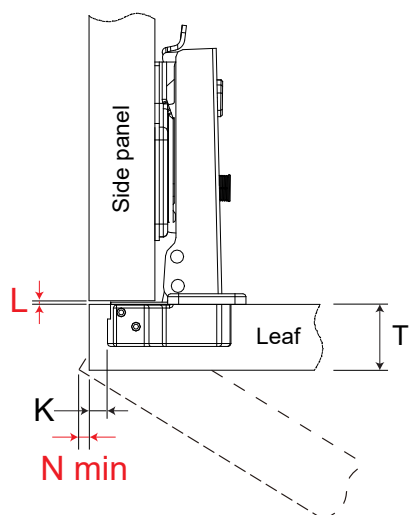
Art #:1002-1202-133-000 &  
1002-1202-136-000 (with dowel)

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

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



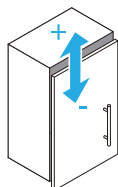
K= Boring distance  
T= Leaf thickness  
N= Minimum gap  
L= Gap between leaf & side panel

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	

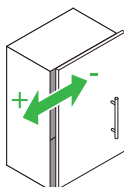
Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leafs having round corner edges, the parameters value will be reduced.

## Hinge adjustment



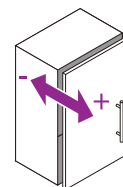
### Height adjustment

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



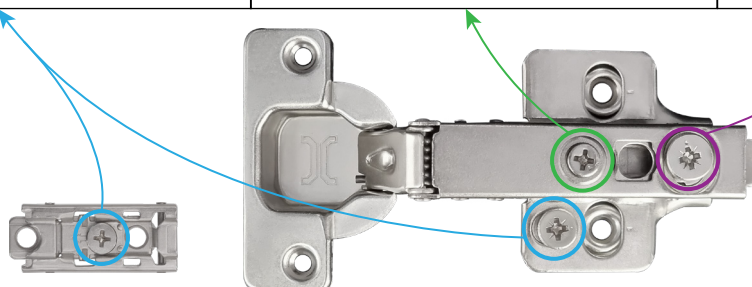
### Overlay adjustment

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

