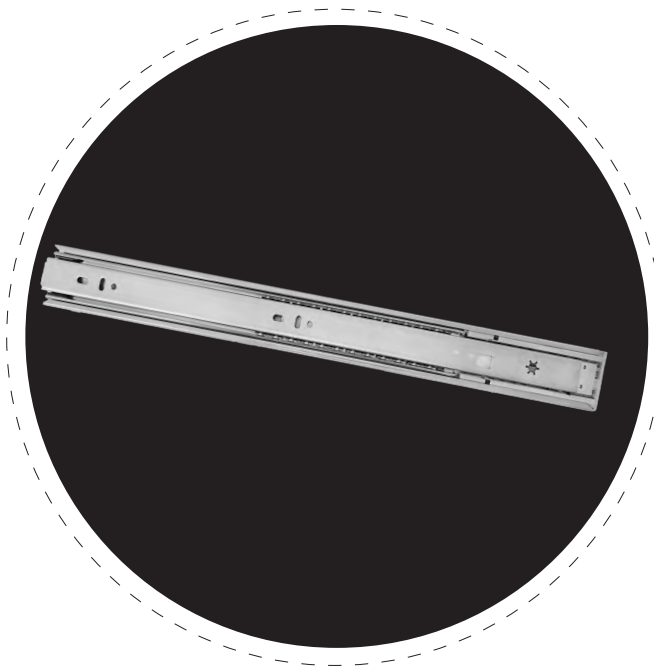


FURNITURE FITTINGS GENERAL CATALOGUE



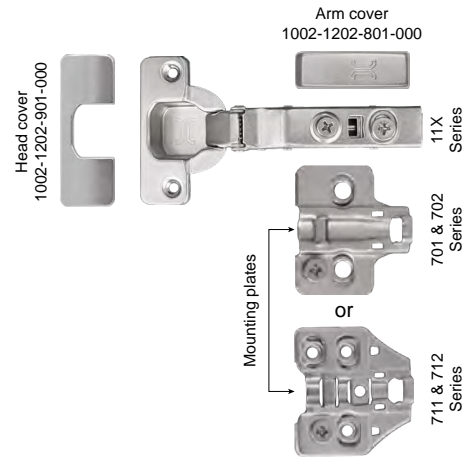
CABINET HINGES



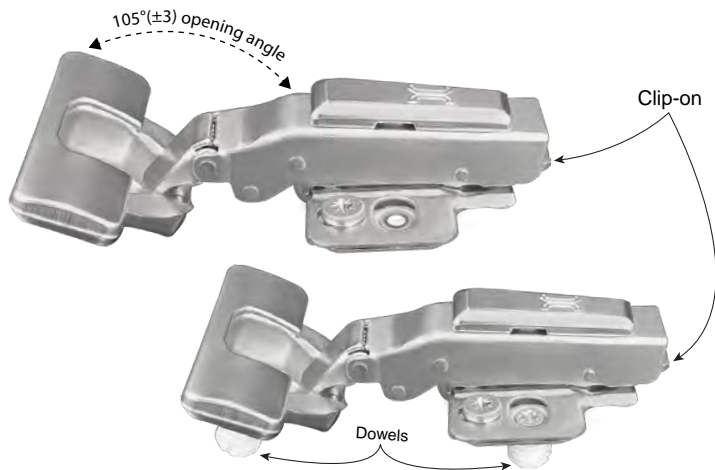
ITEM CODE: 1002-1202-11X SERIES
CLIP-ON CABINET HINGE, OPENING ANGLE: 105° (±3)

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



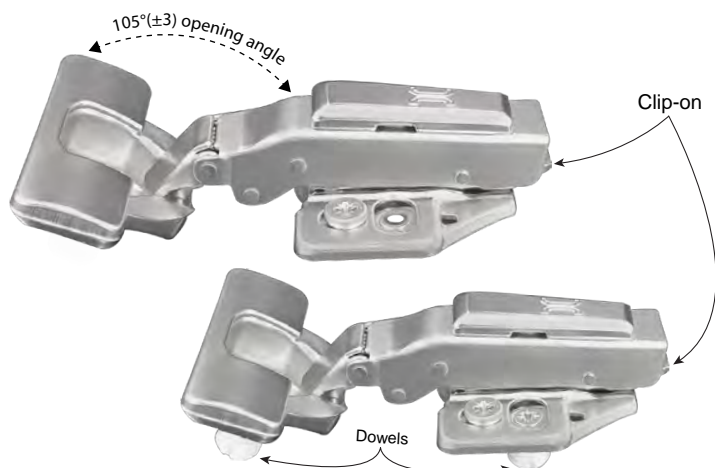
Illustrated mounting plate 701 Series



Illustrated mounting plate 702 Series (with dowel)



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



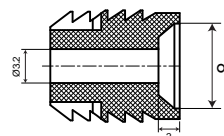
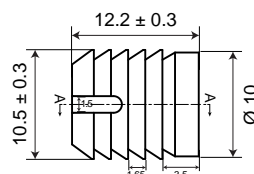
Illustrated mounting plate 711 Series



Illustrated mounting plate 712 Series (with dowel)



Dowel dimensions
 Ø 10 mm



Technical drawing of a Full Overlay door handle. It shows a side panel and a leaf. Dimensions include H (height of side panel), 37 (height of handle), L (offset), K (leaf width), D (leaf thickness), and T (leaf height).

FULL OVERLAY

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

H= 16+K-D

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

Technical drawing of a Half Overlay door handle. It shows two side panels and two leaves. Dimensions include H (height of side panel), W (gap between panels), 37 (height of handle), 2XA (offset), K (leaf width), D (leaf thickness), and T (leaf height).

HALF OVERLAY

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

H= 6+K-D

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

Technical drawing of an Inset door handle. It shows a side panel and a leaf. Dimensions include H (height of side panel), 37+T (height of handle), K (leaf width), A (offset), and T (leaf height).

INSET

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

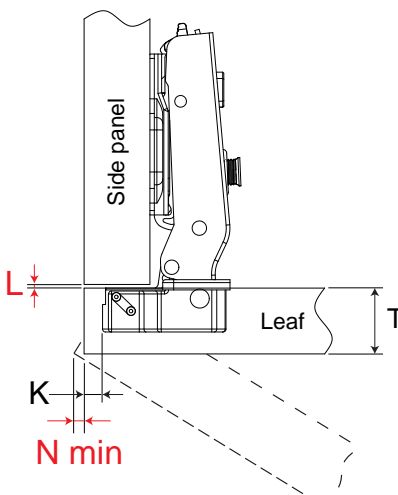
H= -4+K+A

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

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Minimum reveal table



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	K	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	1.0
4	1.0	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	1.0	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		

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.

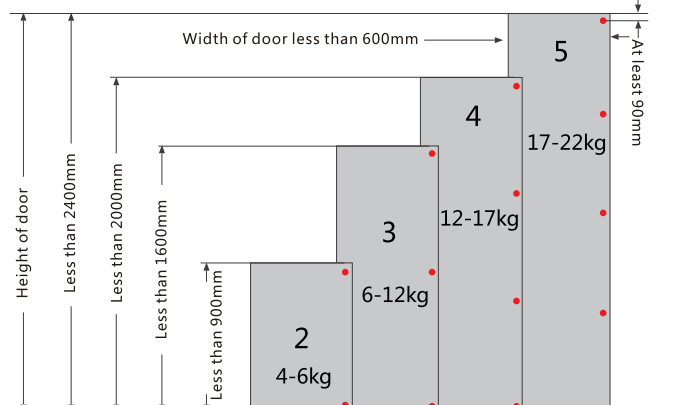
Overlay adjustment
Rotate lateral screw to increase or decrease leaf overlay.
Adjust range: -3mm, +3mm.

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



Width of door less than 600mm

Height of door

- Less than 2400mm
- Less than 2000mm
- Less than 1600mm
- Less than 900mm

At least 90mm

2 4-6kg

3 6-12kg

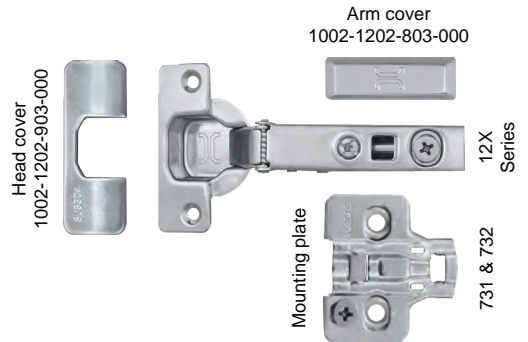
4 12-17kg

5 17-22kg

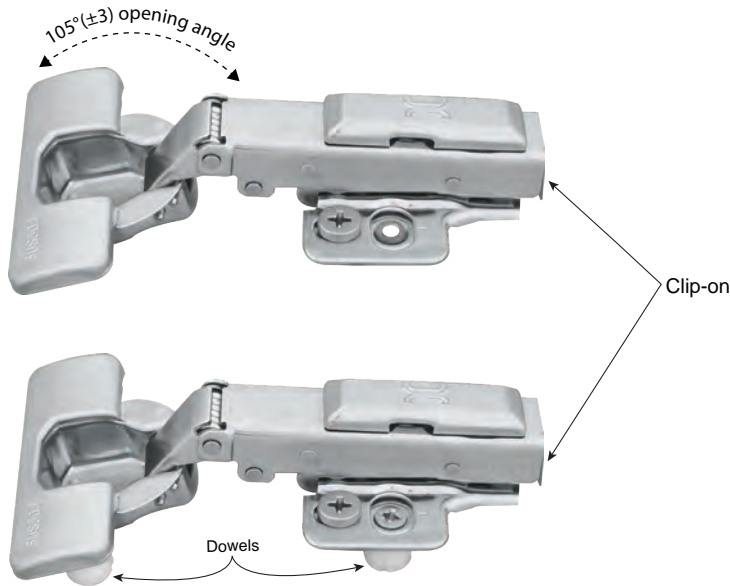
ITEM CODE: 1002-1202-12X SERIES
CLIP-ON CABINET HINGE, OPENING ANGLE: 105° (±3)

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



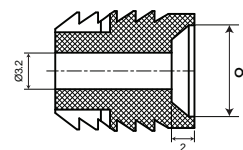
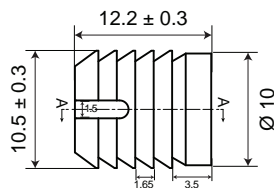
Illustrated mounting plate 701 Series



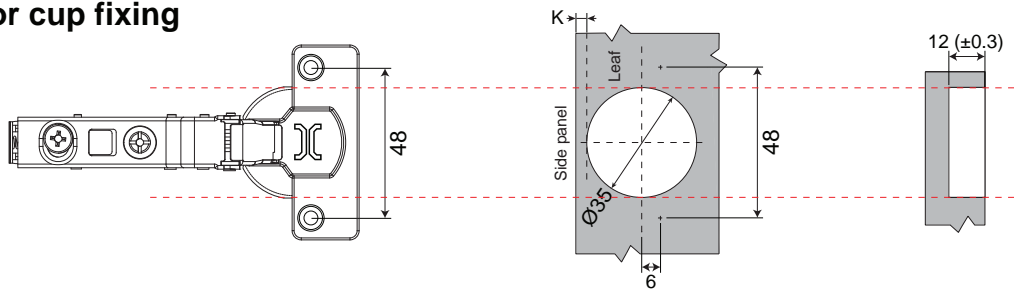
Illustrated mounting plate 702 Series (with dowel)



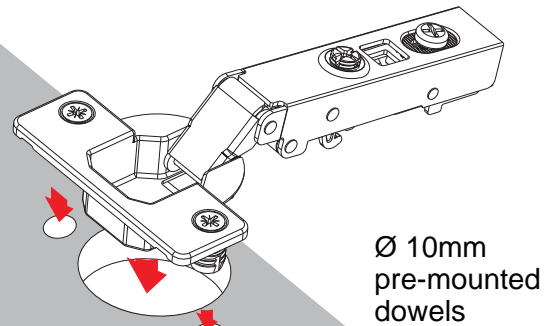
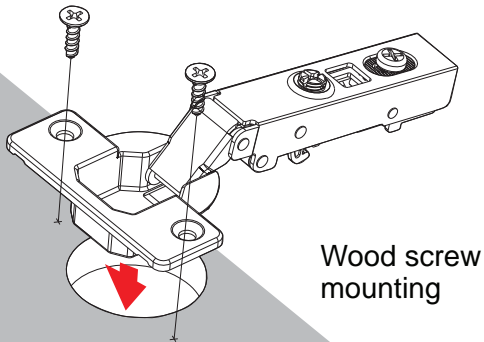
Dowel dimensions
 Ø 10 mm



Drilling pattern for cup fixing

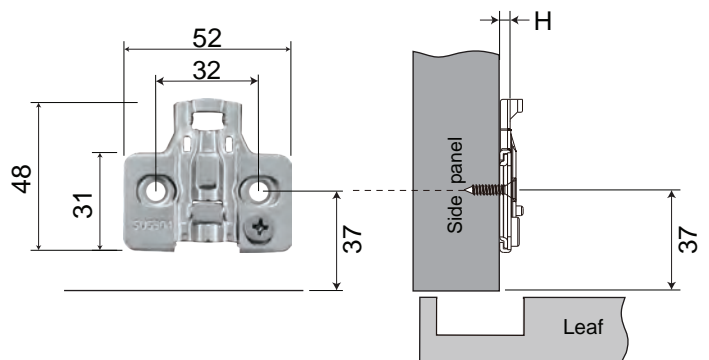


Cup installation



Mounting plates features:

- Wood screw: 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: Stainless steel (SUS304).
- Finish: Polished stainless steel (PSS).
- Height:
 - HO: 1002-1202-731-000
 - 1002-1202-732-000 (with dowel)



Technical drawing of Full Overlay door hinge. Dimensions shown: H (height of side panel), L (height of leaf), K (width of leaf), D (width of side panel), and T (thickness of leaf).

FULL OVERLAY

Art #: 1002-1202-121-000 &
1002-1202-124-000 (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	

Technical drawing of Half Overlay door hinge. Dimensions shown: H (height of side panel), W (width of side panel), 37 (height of leaf), T (thickness of leaf), 2XA (width of leaf), and K (width of side panel). D is the width of the side panel.

HALF OVERLAY

Art #: 1002-1202-122-000 &
1002-1202-125-000 (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	

Technical drawing of Inset door hinge. Dimensions shown: 37+T (height of side panel), H (height of leaf), T (thickness of leaf), K (width of side panel), and A (width of leaf).

INSET

Art #: 1002-1202-123-000 &
1002-1202-126-000 (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	

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Minimum reveal table

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	K	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	1.0
4	1.0	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	1.0	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		

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.

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

Height of door
 Less than 2400mm
 Less than 2000mm
 Less than 1600mm
 Less than 900mm

Weight
 4-6kg
 6-12kg
 12-17kg
 17-22kg

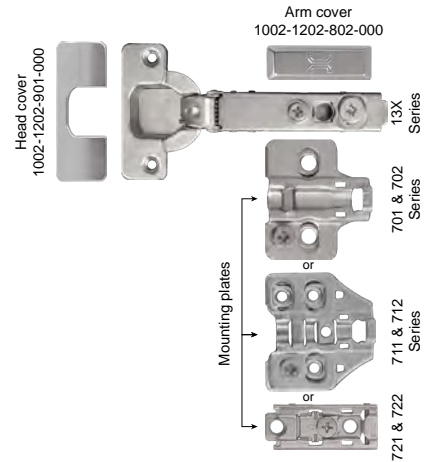
Width of door less than 600mm

At least 90mm

ITEM CODE: 1002-1202-13X SERIES
CLIP-ON CABINET HINGE, OPENING ANGLE: 105° (±3)

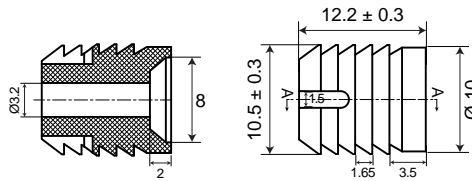
Features:

- 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.

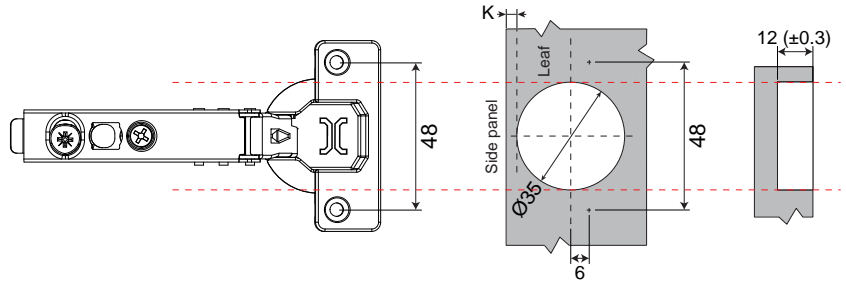


<p>Illustrated hinge 13X Series with mounting plate 701 & 702 Series</p>	<p>Illustrated mounting plate 701 Series</p> <p>Illustrated mounting plate 702 Series (with dowel)</p>
<p>Illustrated hinge 13X Series with mounting plate 711 & 712 Series</p>	<p>Illustrated mounting plate 711 Series</p> <p>Illustrated mounting plate 712 Series (with dowel)</p>
<p>Illustrated hinge 13X Series with mounting plate 721 & 722 Series</p>	<p>Illustrated mounting plate 721 Series</p> <p>Illustrated mounting plate 722 Series (with dowel)</p>

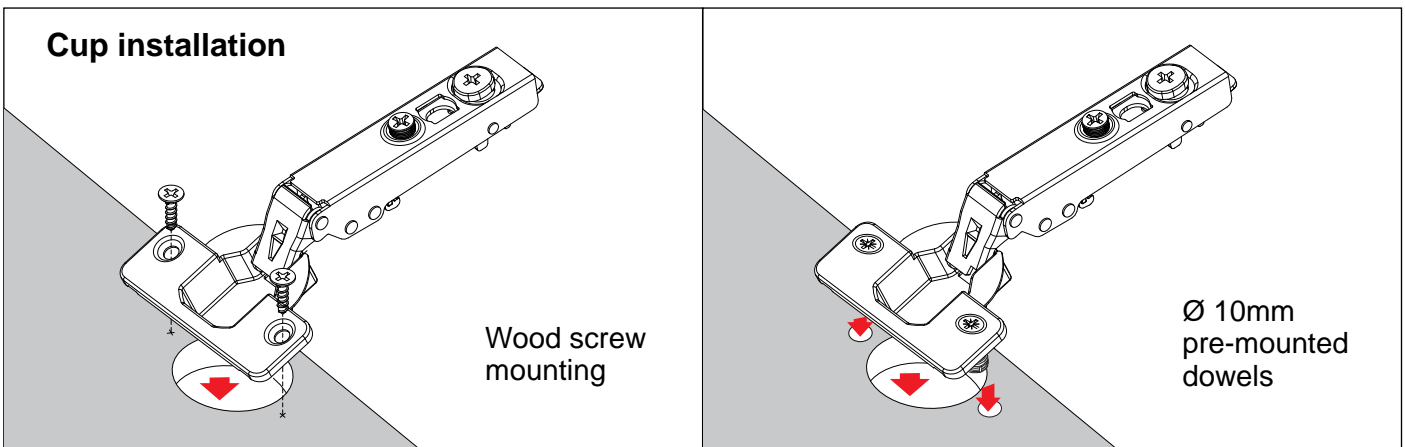
Dowel dimensions Ø 10 mm



Drilling pattern for cup fixing



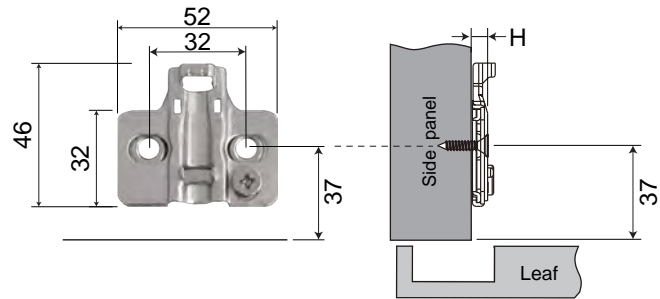
Cup installation



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:

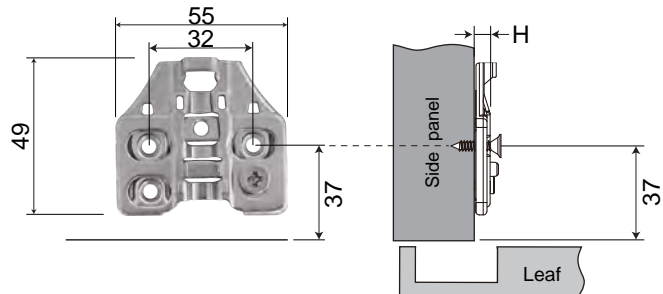
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)



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)



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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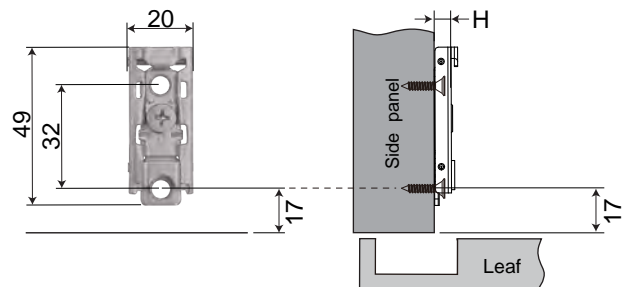


Diagram showing a side panel and a leaf. Dimensions include H (height of side panel), X (height of leaf), L (height of leaf below side panel), K (width of side panel), D (width of leaf), and T (thickness of leaf).

FULL OVERLAY

Art #:1002-1202-131-000 &
1002-1202-134-000 (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

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.

Diagram showing two side panels and two leaves. Dimensions include H (height of side panel), W (width of side panel), X (height of leaf), 2XA (width of side panel), K (width of leaf), D (width of leaf), and T (thickness of leaf).

HALF OVERLAY

Art #:1002-1202-132-000 &
1002-1202-135-000 (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

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.

Diagram showing a side panel and a leaf. Dimensions include H (height of side panel), X+T (height of leaf), K (width of side panel), A (width of leaf), D (width of leaf), and T (thickness of leaf).

INSET

Art #:1002-1202-133-000 &
1002-1202-136-000 (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

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

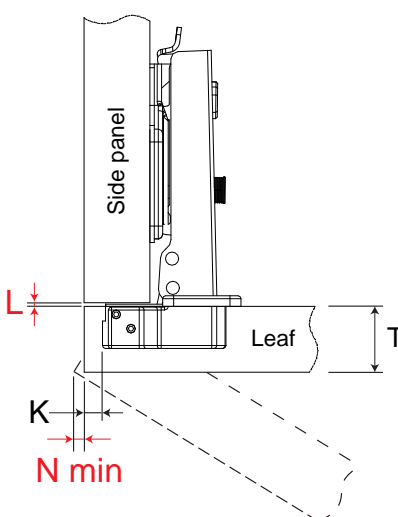


Diagram labels: Side panel, Leaf, K, T, N min, L.

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	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	

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

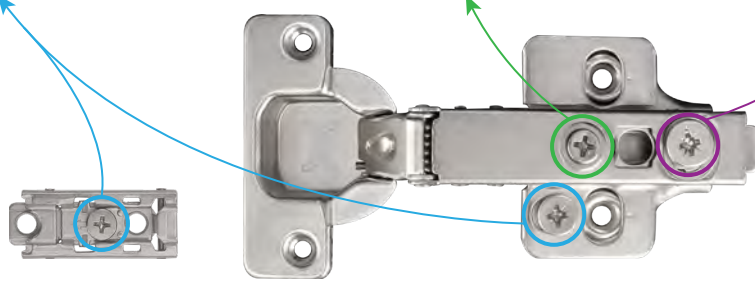
Note: Parameters (showing on tables) are based on right-angle leaf edge. If the leaves having round corner edges, the parameters value will be reduced.

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: -2.5mm, +2.5mm.

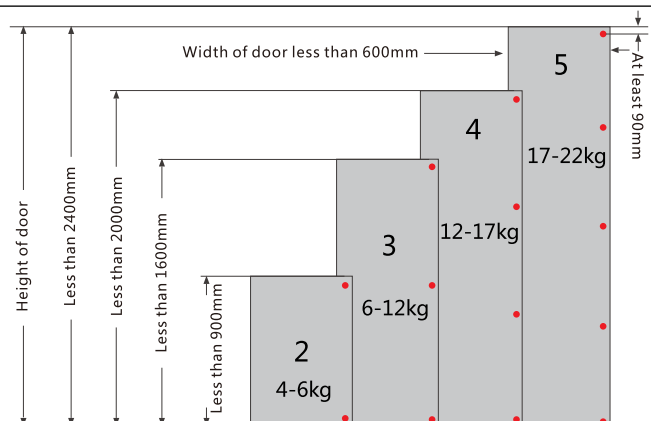
Depth adjustment
Rotate depth screw to adjust leaf gap.
Adjust range: -2.4mm, +2.4mm.



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

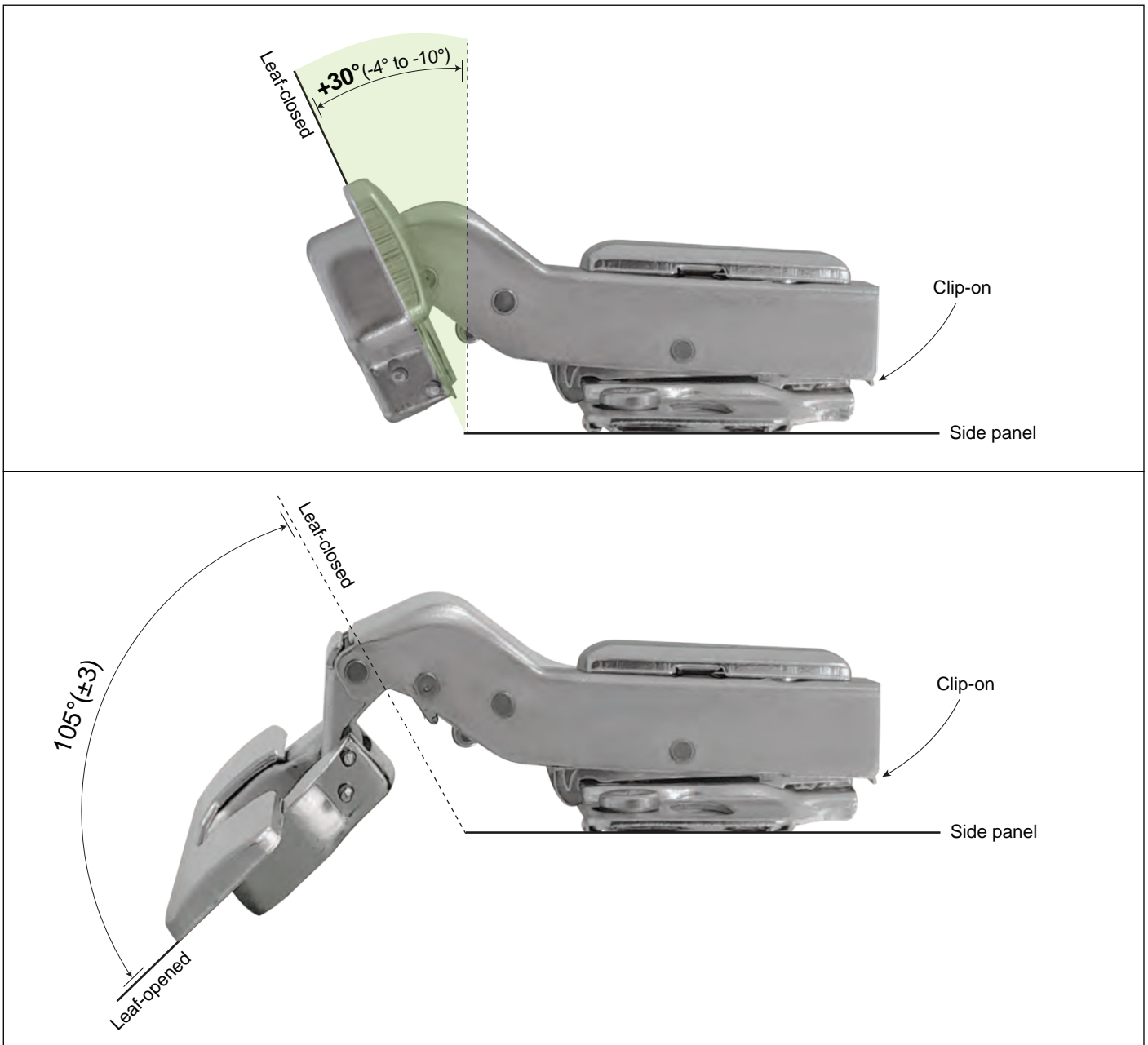
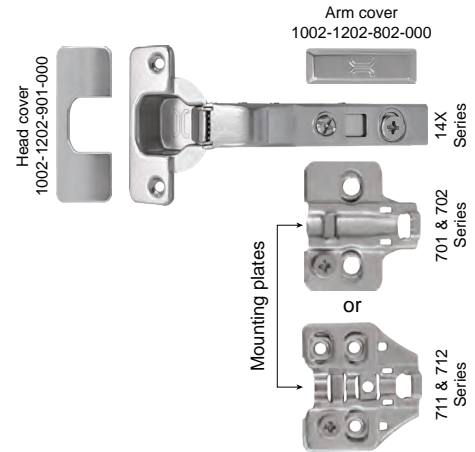


ITEM CODE: 1002-1202-14X SERIES

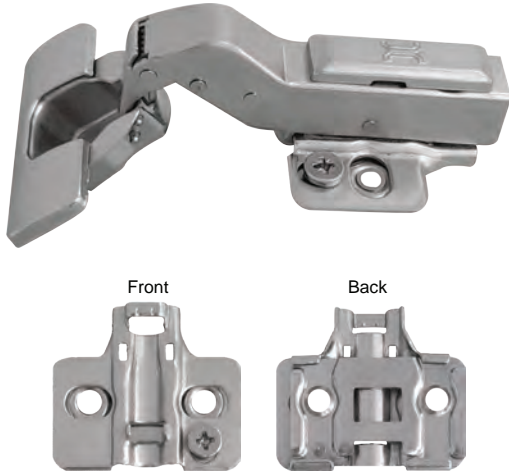
CLIP-ON CABINET HINGE, CLOSED ANGLE: $+30^\circ$ (TOLERANCE FROM -4° TO -10°) | OPENING ANGLE: $105^\circ (\pm 3)$

Features:

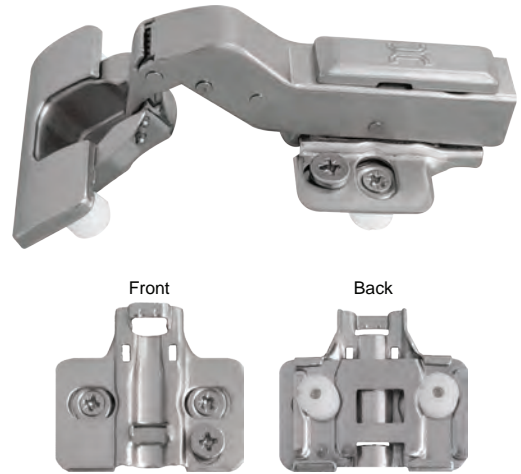
- For leaf thickness of 14-22 mm.
- $+30^\circ$ (tolerance from -4° to -10°) angled hinge, opening angle $105^\circ (\pm 3)$, soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.
- Optional: Copper (CU) & matt black plated.
- Tool-free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



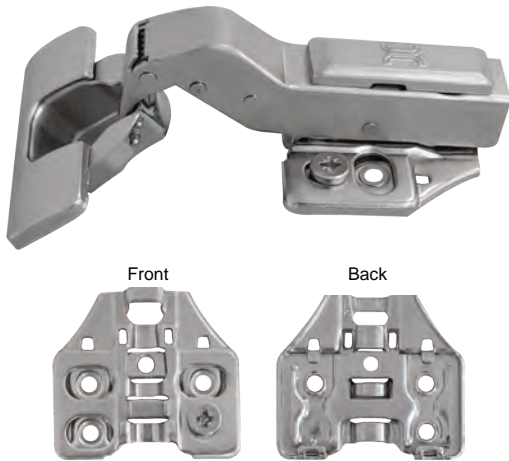
Cabinet hinge 14X Series with mounting plate 701 Series



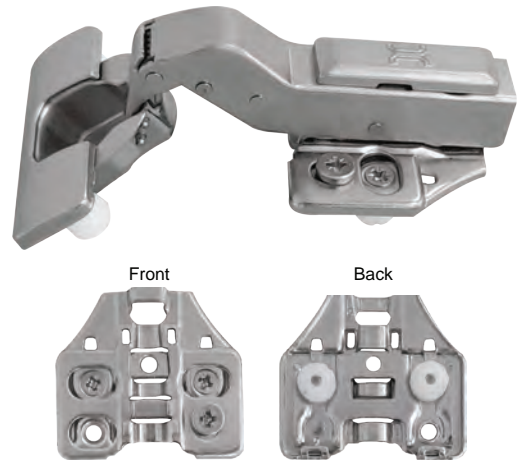
Cabinet hinge 14X Series with mounting plate 702 Series (with dowel)



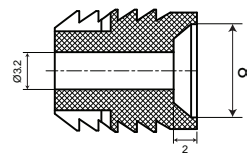
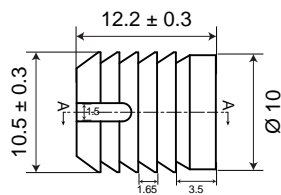
Cabinet hinge 14X Series with mounting plate 711 Series



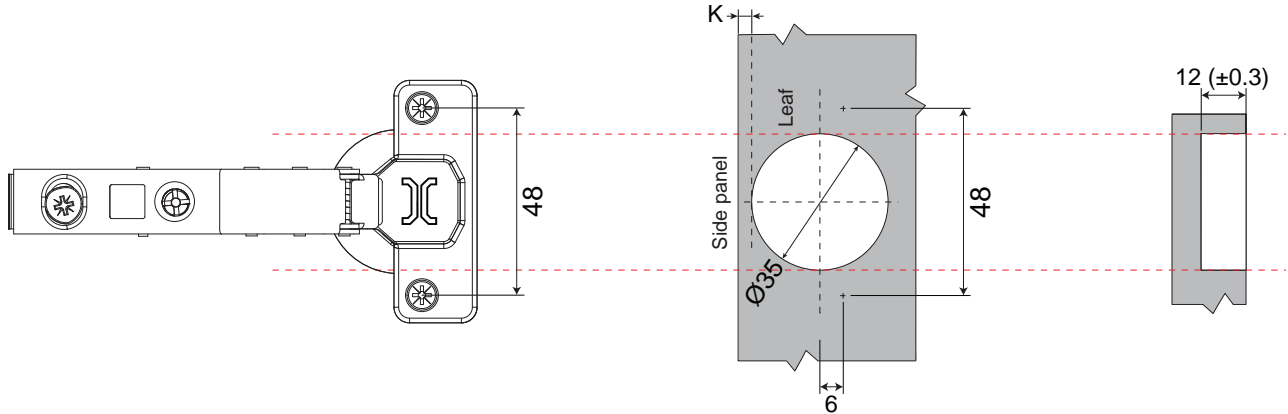
Cabinet hinge 14X Series with mounting plate 712 Series (with dowel)



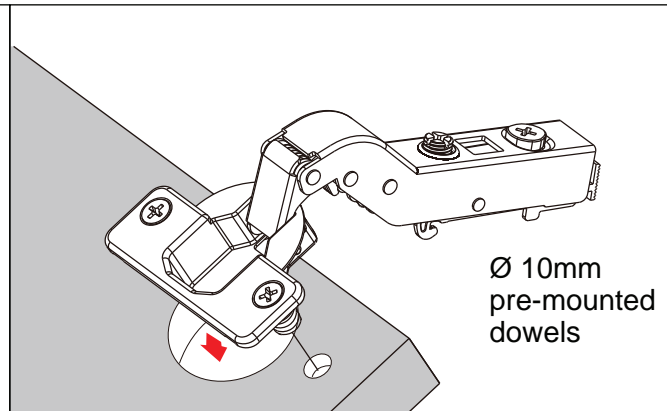
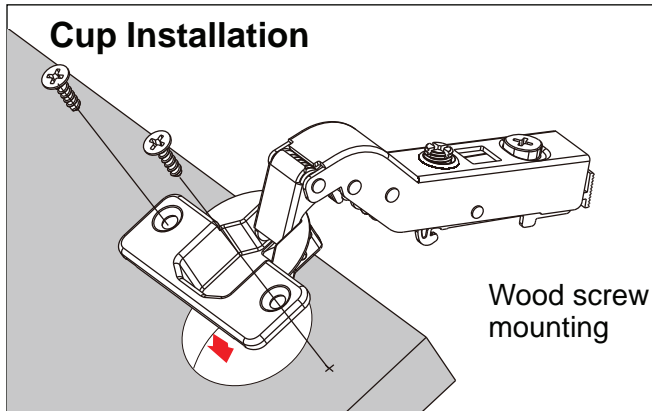
Dowel dimensions
Ø 10 mm



Drilling pattern for cup fixing

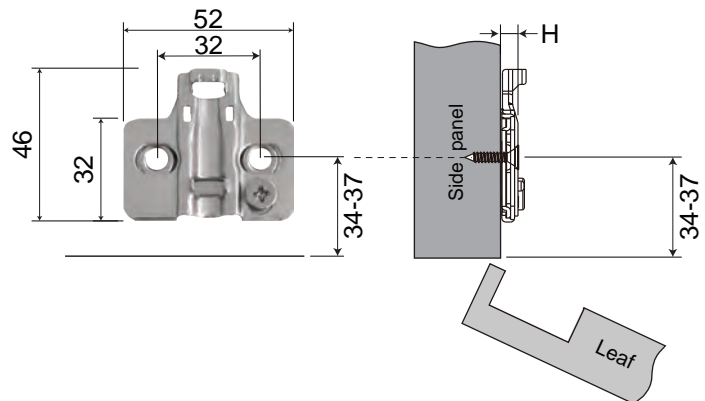


Cup Installation



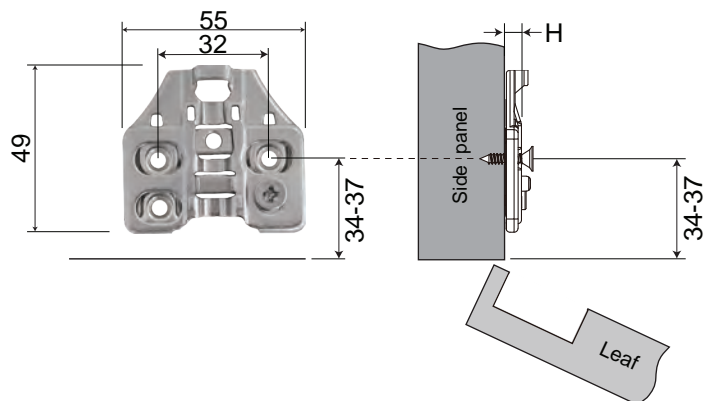
Mounting plates features:

- Wood screw: $\text{Ø} 4 \times 15.5$ 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: $\text{Ø} 4 \times 15.5$ 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
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:

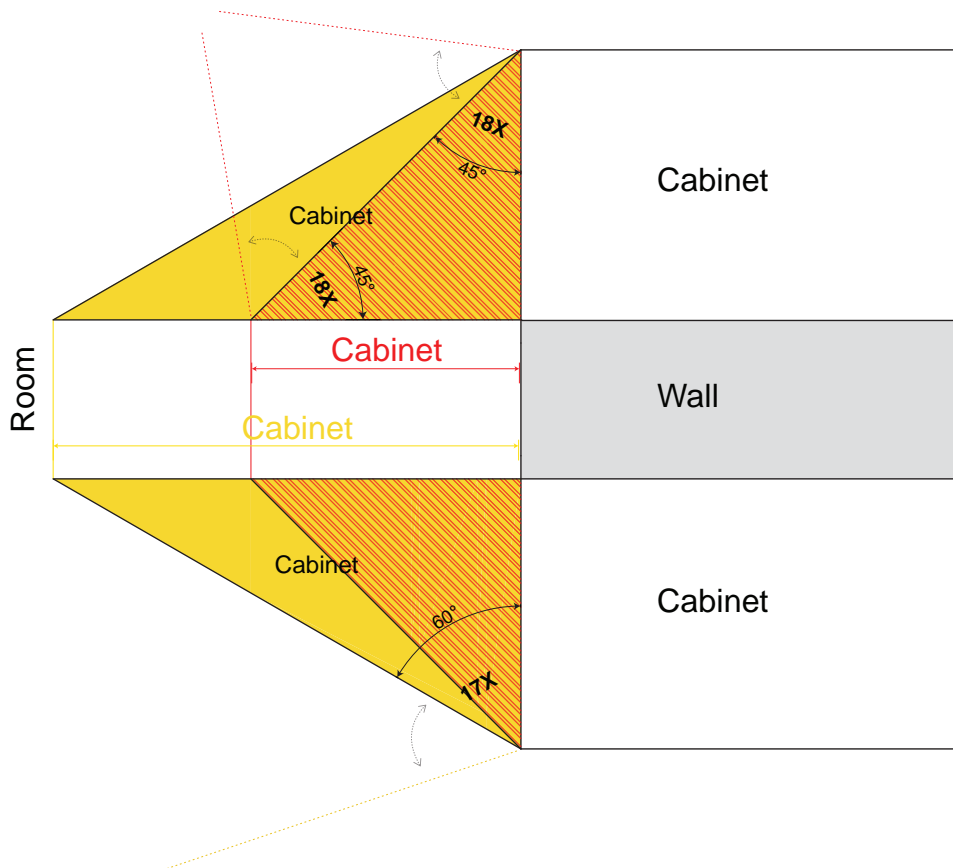
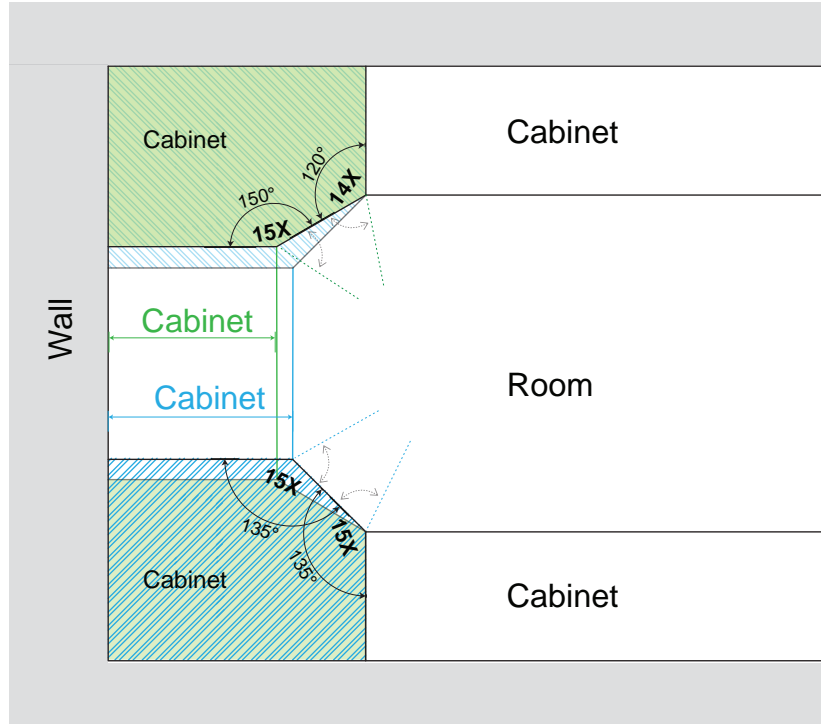
- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjustment ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.

Hinges distribution based on leaf height and weight

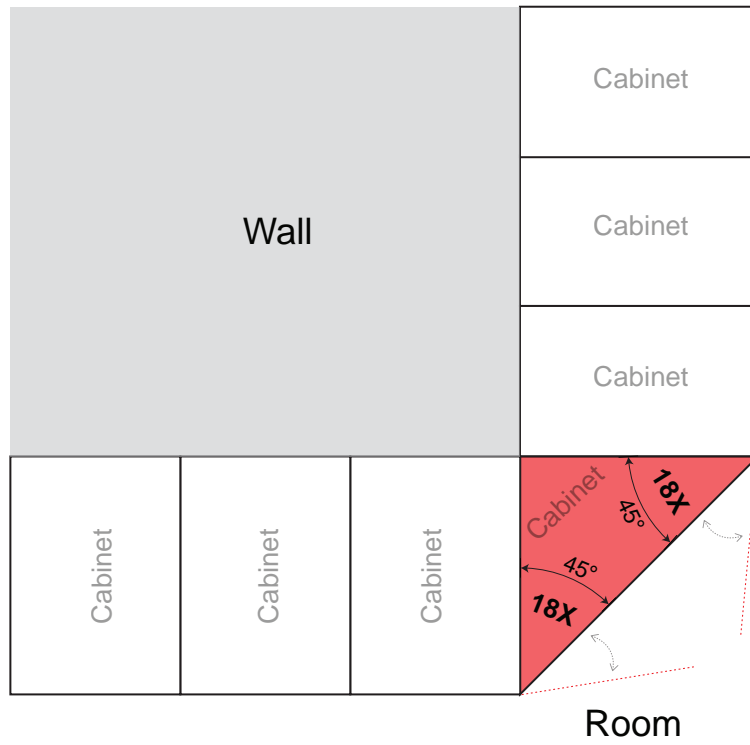
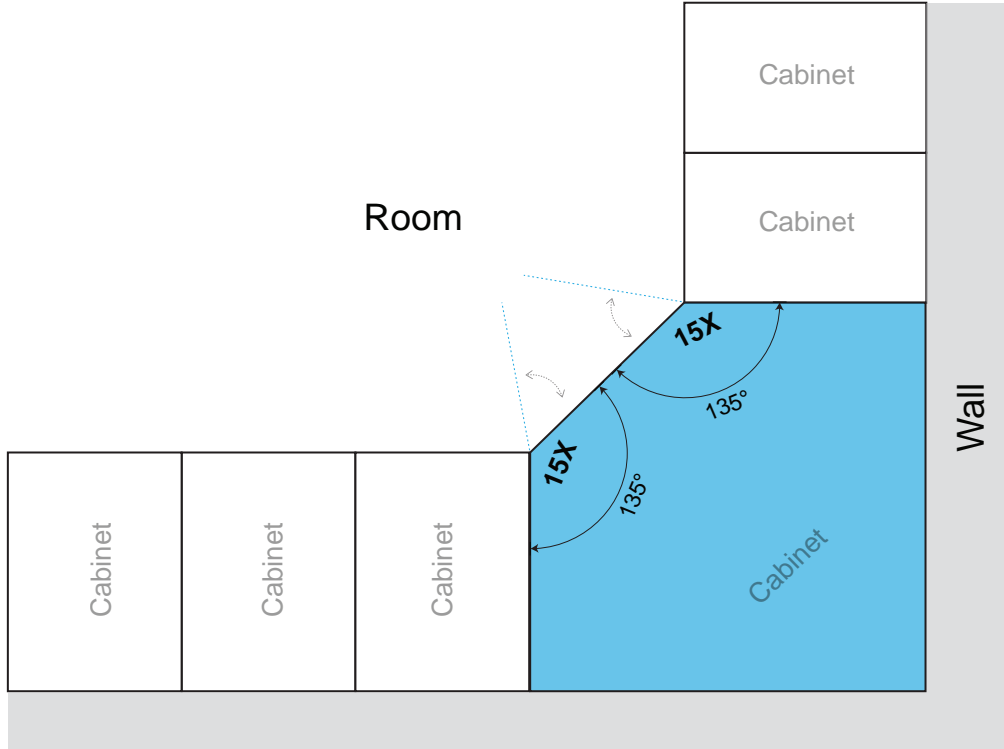
Height of door	Weight	Hinge Type
Less than 900mm	4-6kg	2
Less than 1600mm	6-12kg	3
Less than 2000mm	12-17kg	4
Less than 2400mm	17-22kg	5

Width of door less than 600mm
At least 90mm

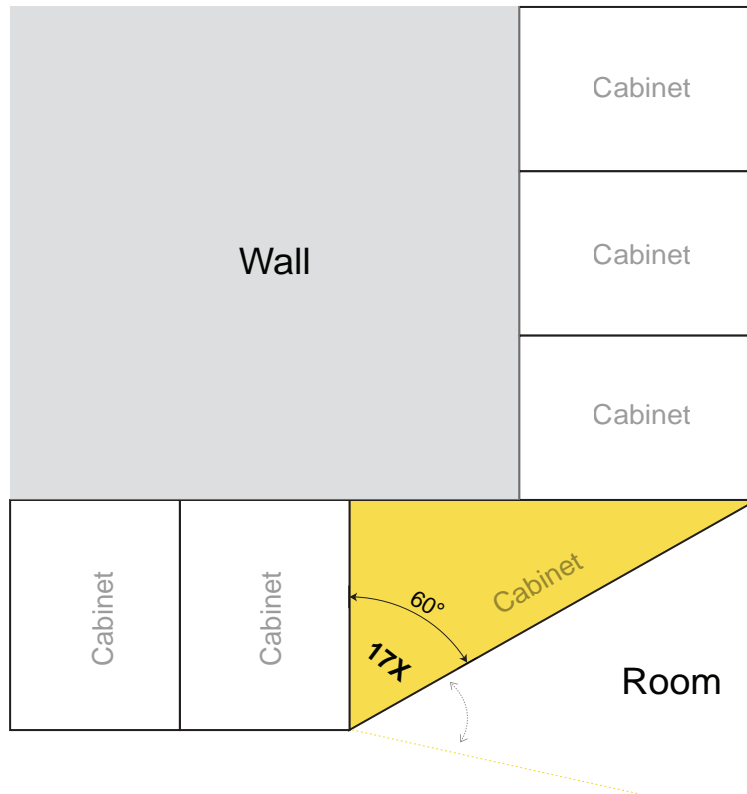
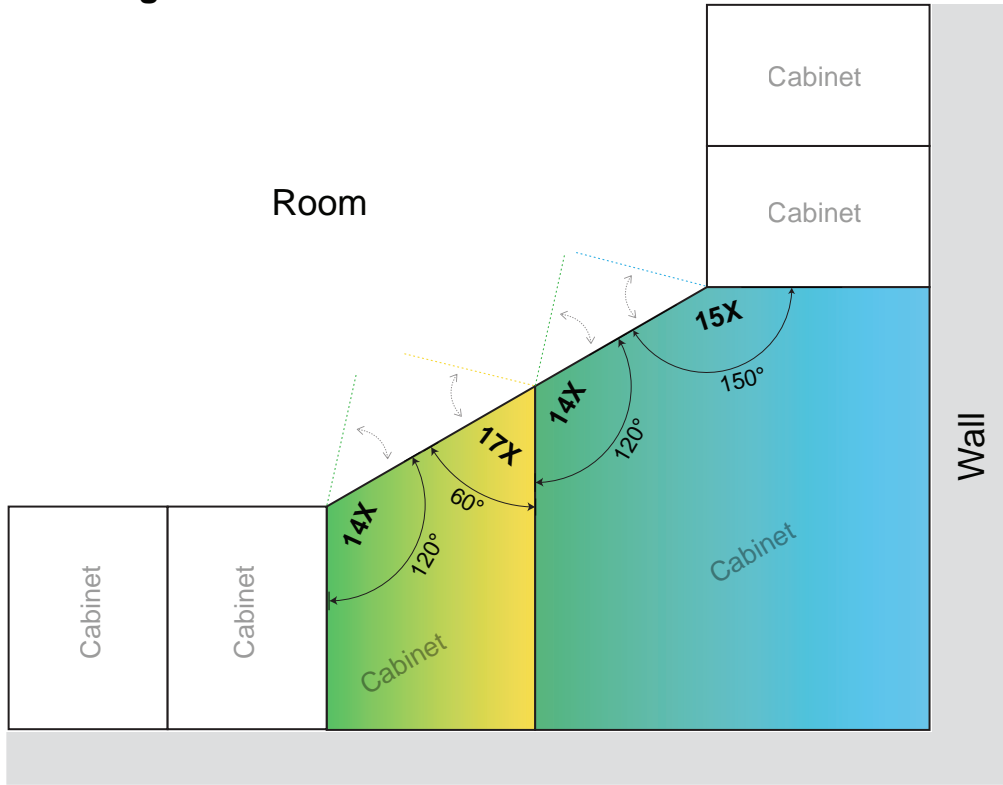
Prototypes of hinge Installation



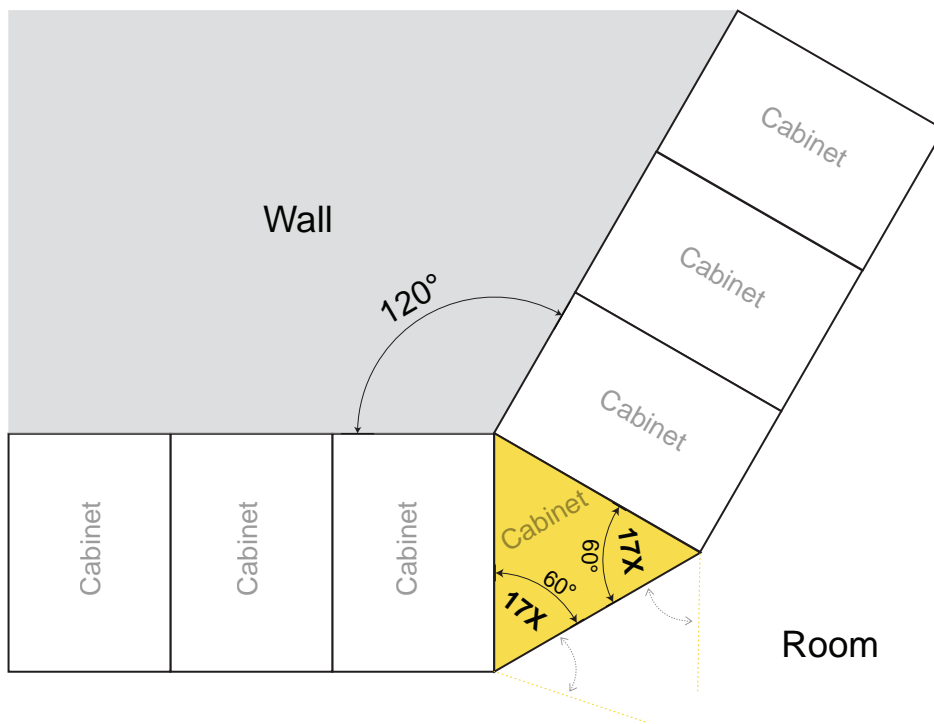
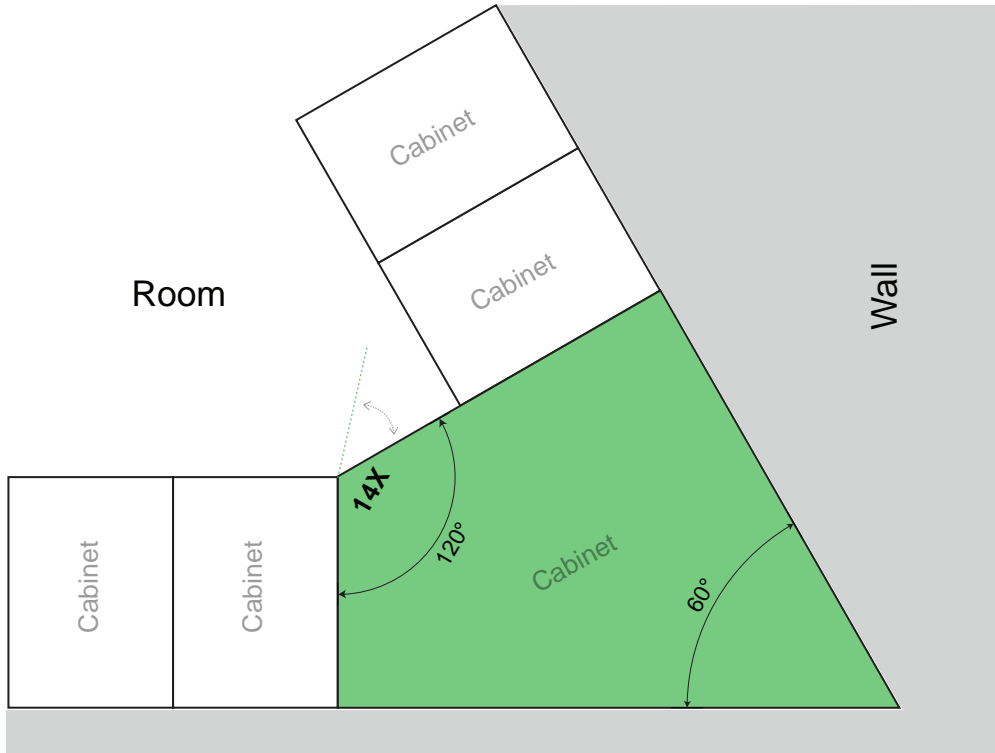
Prototypes of hinge Installation



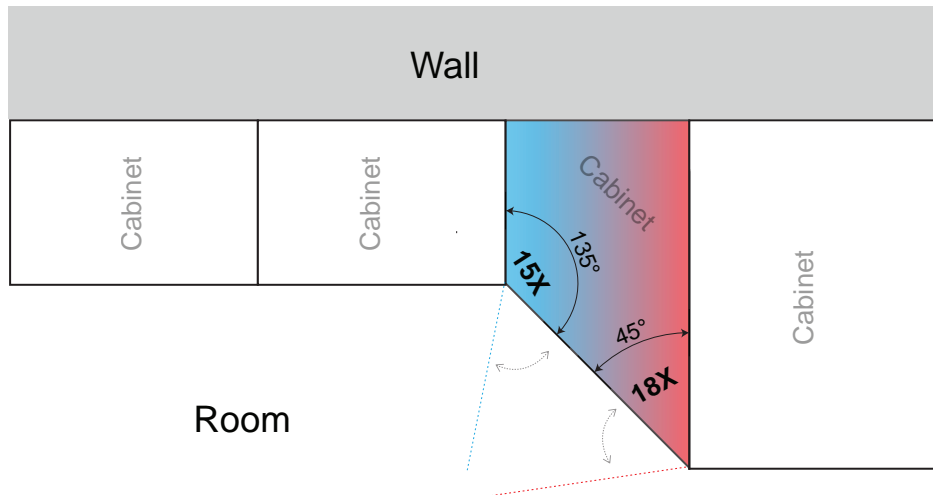
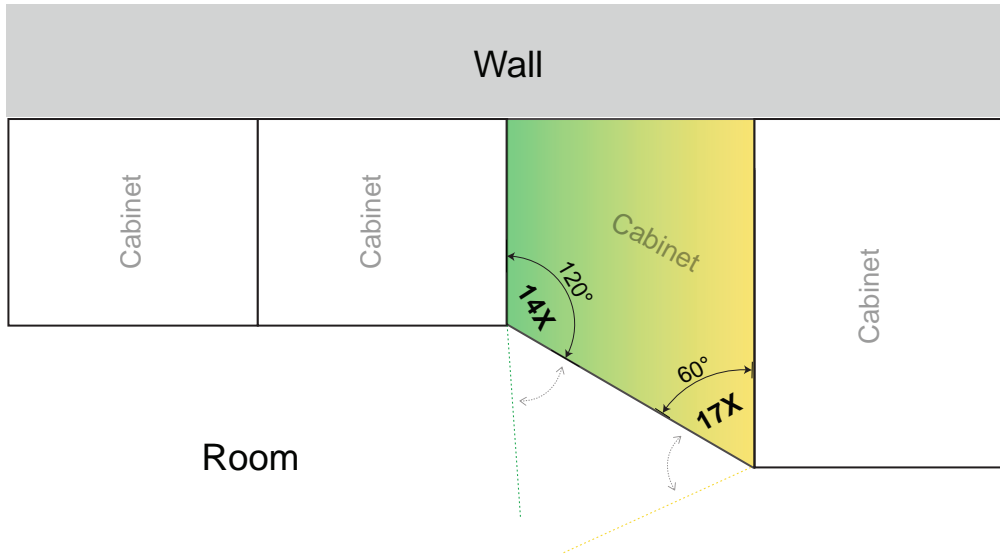
Prototypes of hinge Installation



Prototypes of hinge Installation



Prototypes of hinge Installation

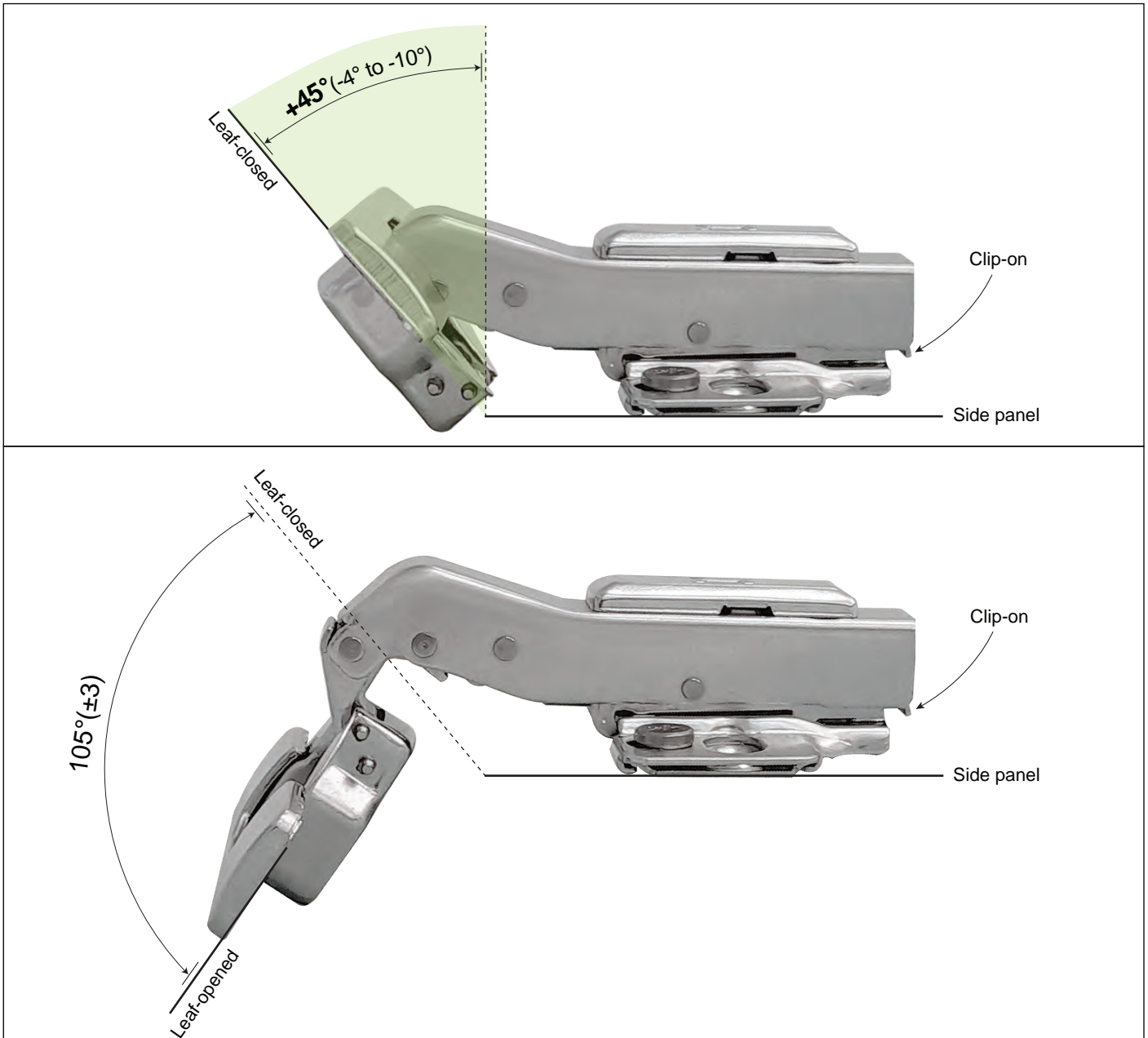
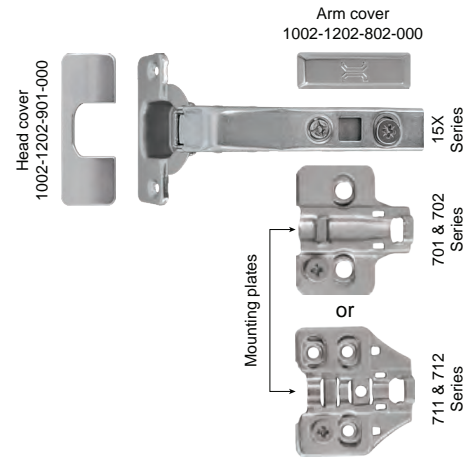


ITEM CODE: 1002-1202-15X SERIES

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

Features:

- For leaf thickness of 14-22 mm.
- $+45^\circ$ (tolerance from -4° to -10°) 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



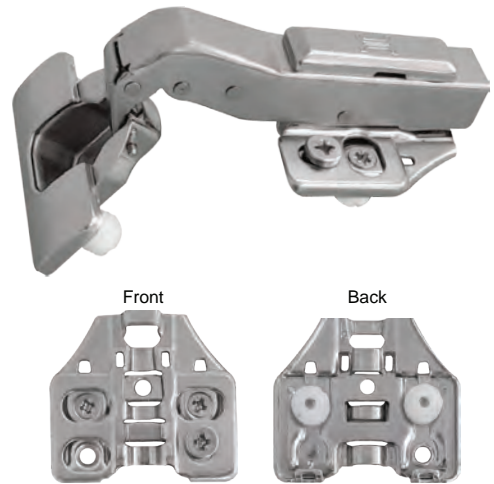
Cabinet hinge 15X Series with mounting plate 702 Series (with dowel)



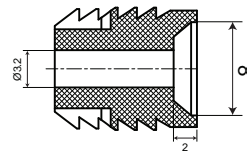
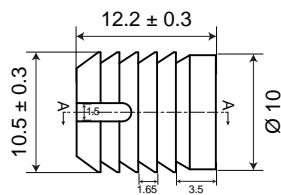
Cabinet hinge 15X Series with mounting plate 711 Series



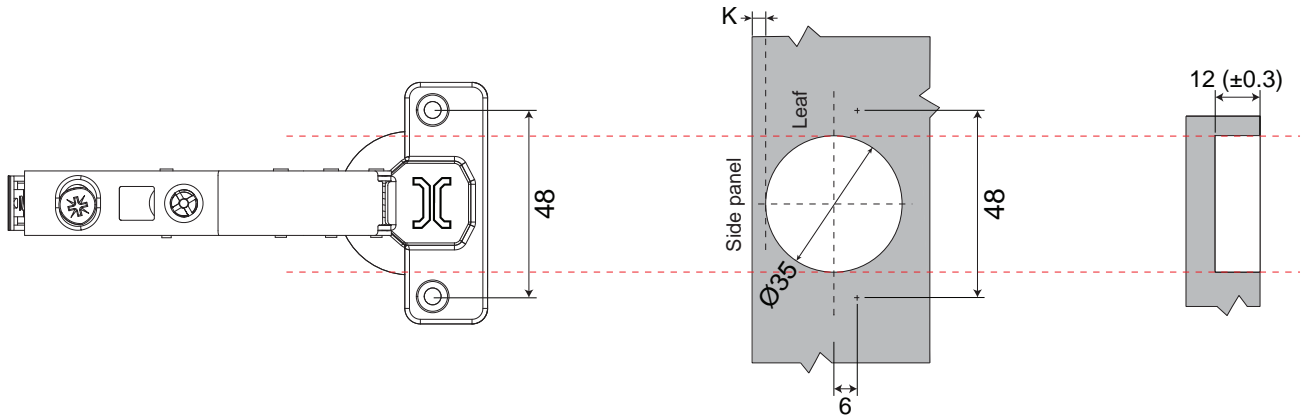
Cabinet hinge 15X Series with mounting plate 712 Series (with dowel)



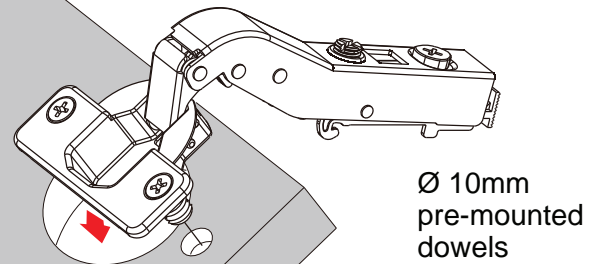
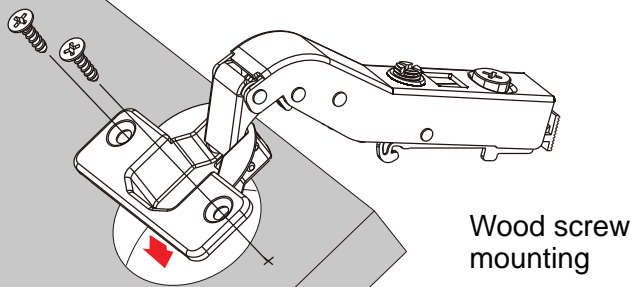
Dowel dimensions
Ø 10 mm



Drilling pattern for cup fixing



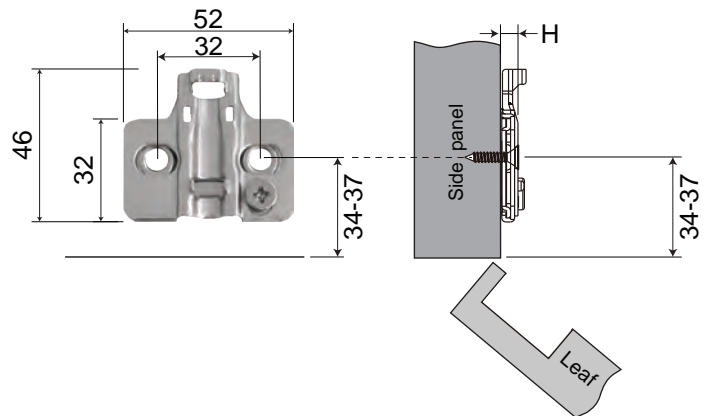
Cup Installation



Mounting plates features:

- Wood screw: $\text{Ø} 4 \times 15.5$ 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:

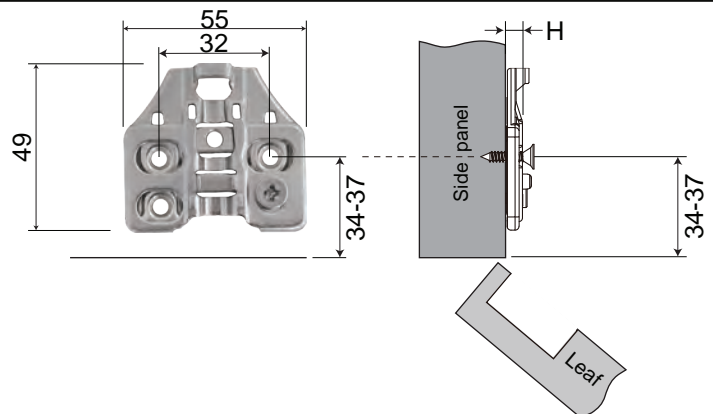
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)



Mounting plates features:

- Wood screw: $\text{Ø} 4 \times 15.5$ 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 #:1002-1202-150-045 & 1002-1202-157-045 (with dowel)

X \ H	K	4	5	6	7
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.

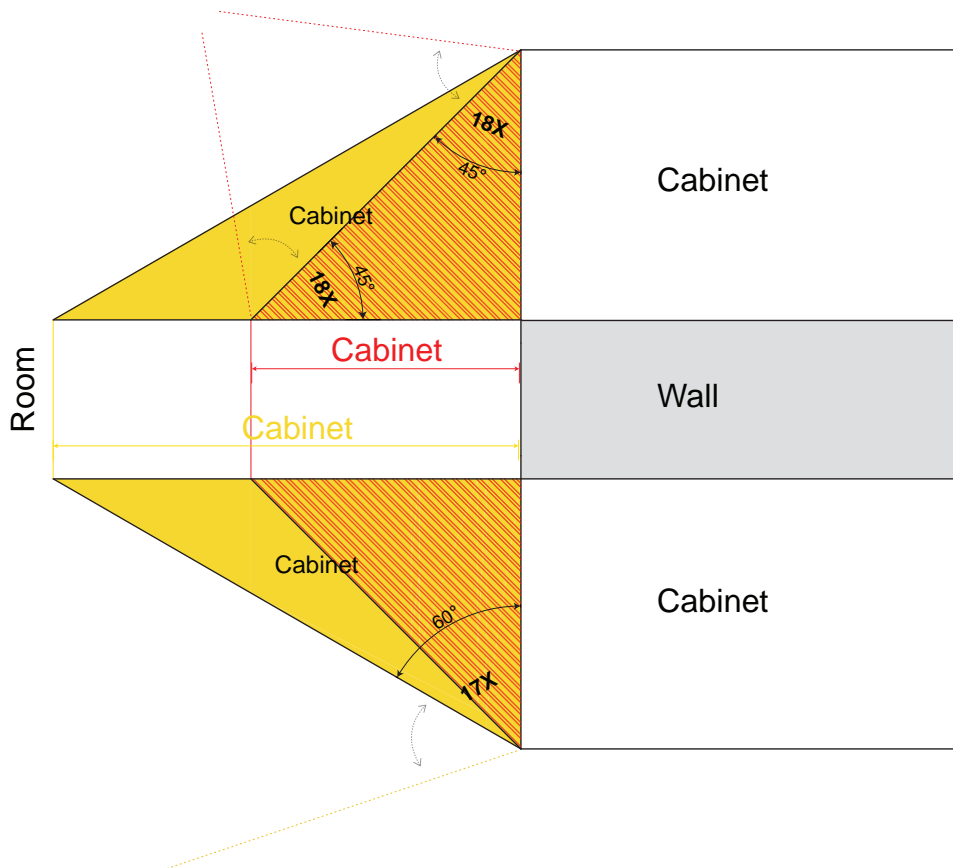
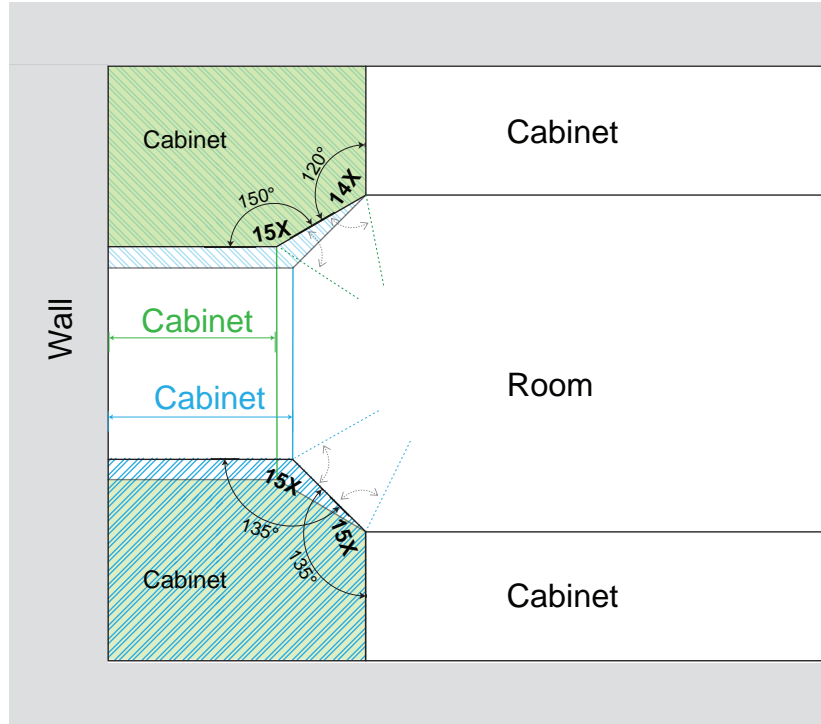
Hinges distribution based on leaf height and weight

Height of door	Weight	Hinge Type
Less than 900mm	4-6kg	2
Less than 1600mm	6-12kg	3
Less than 2000mm	12-17kg	4
Less than 2400mm	17-22kg	5

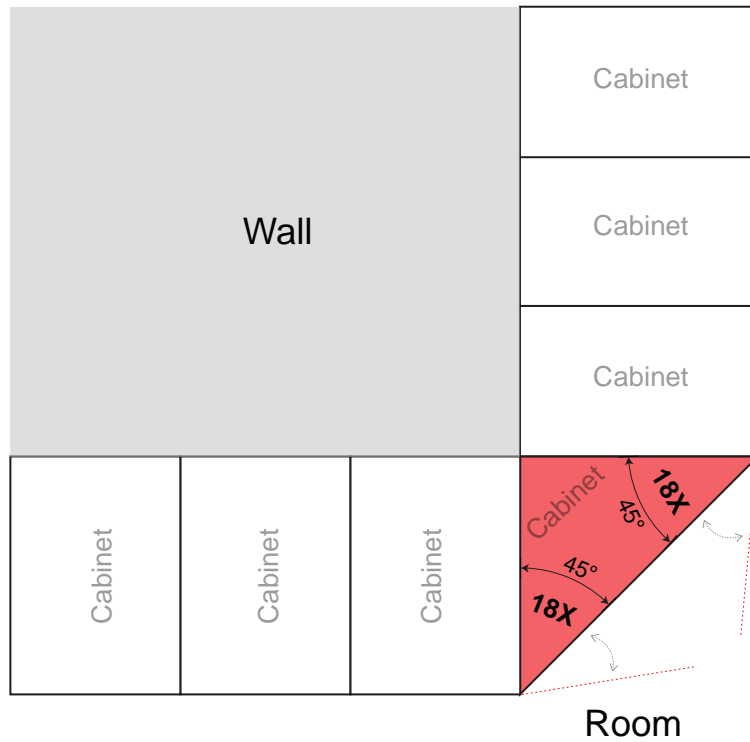
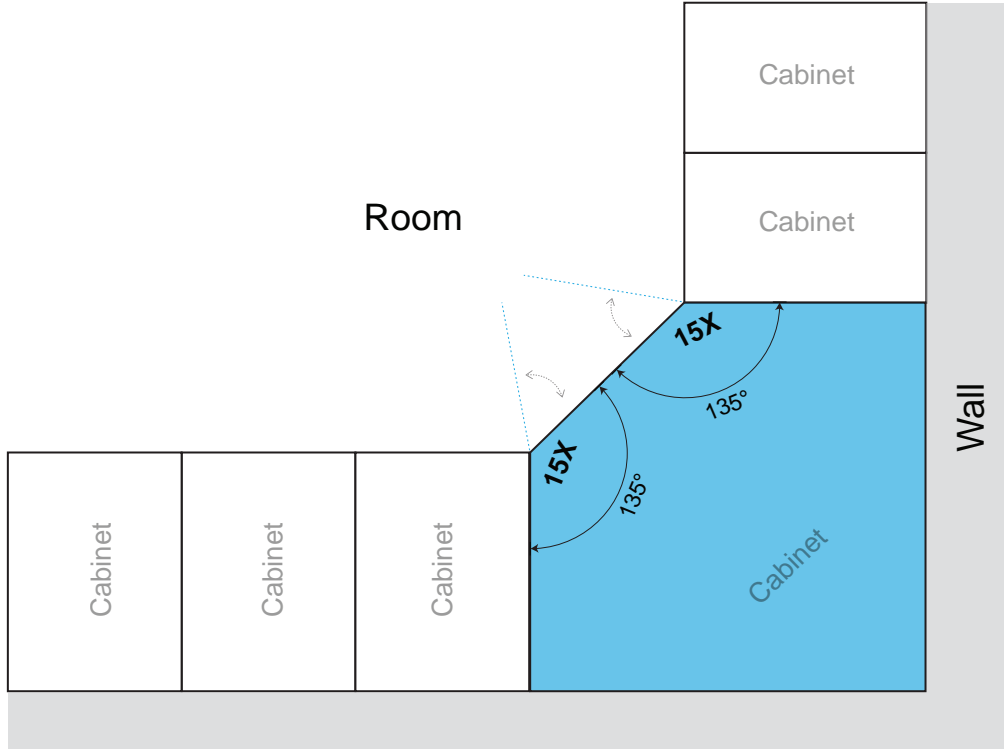
Width of door less than 600mm

At least 90mm

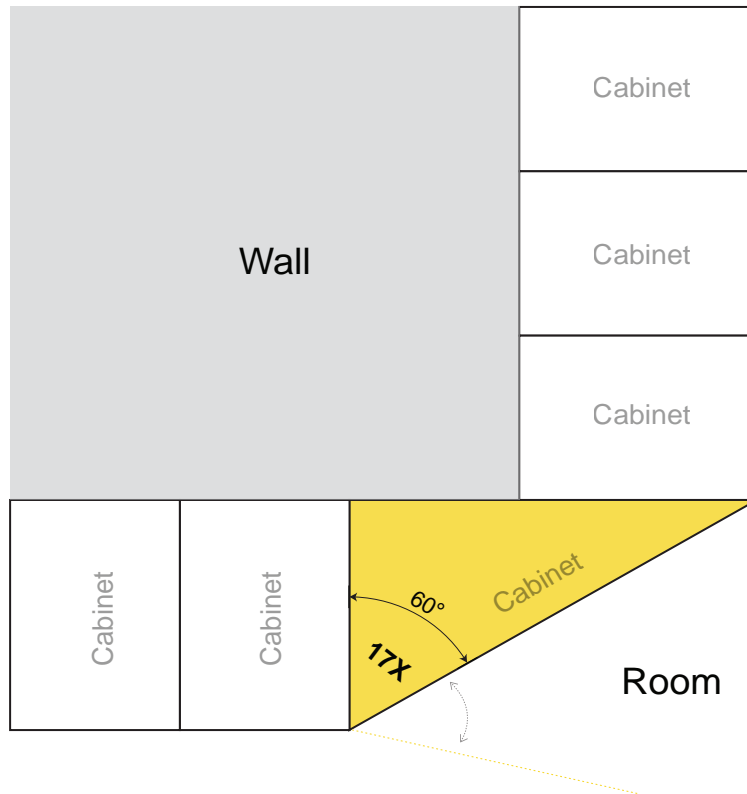
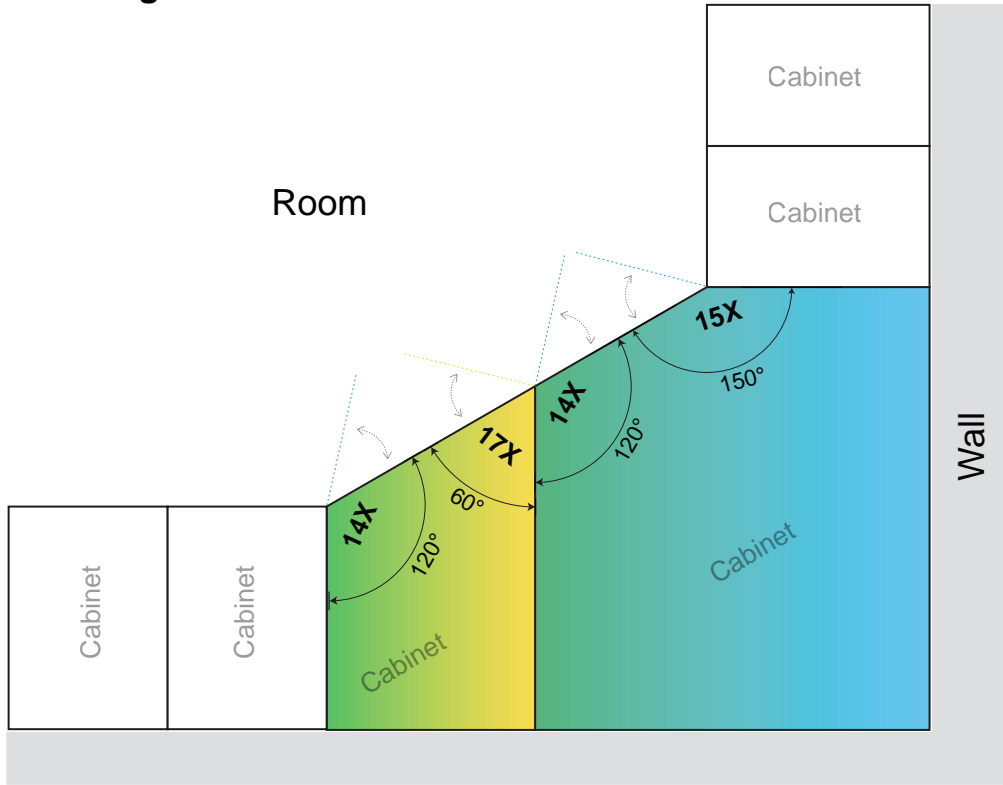
Prototypes of hinge Installation



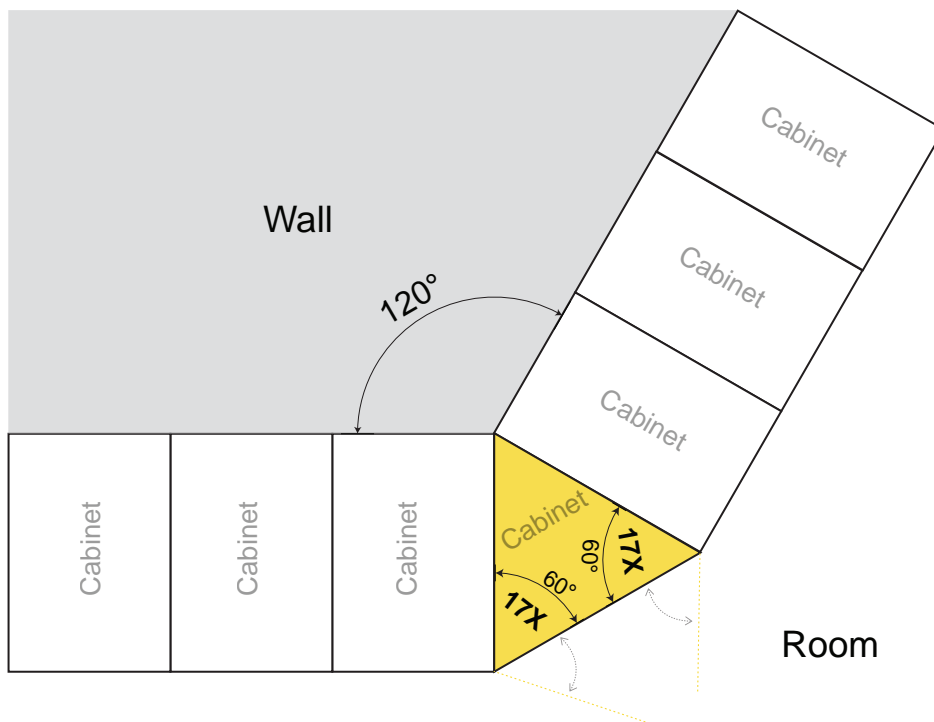
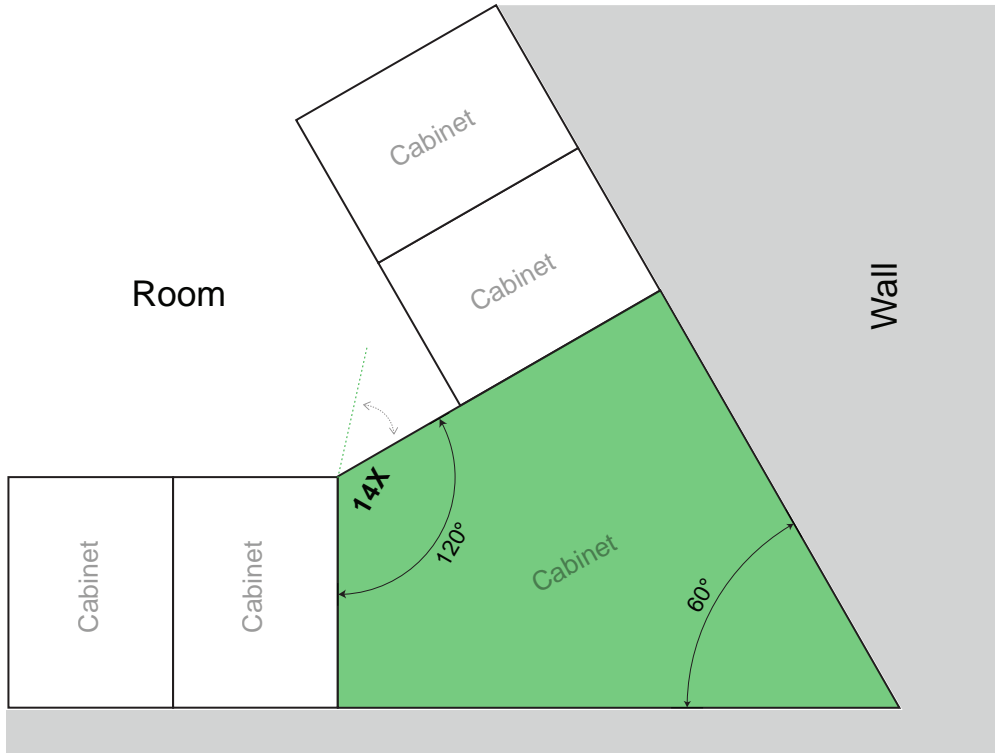
Prototypes of hinge Installation



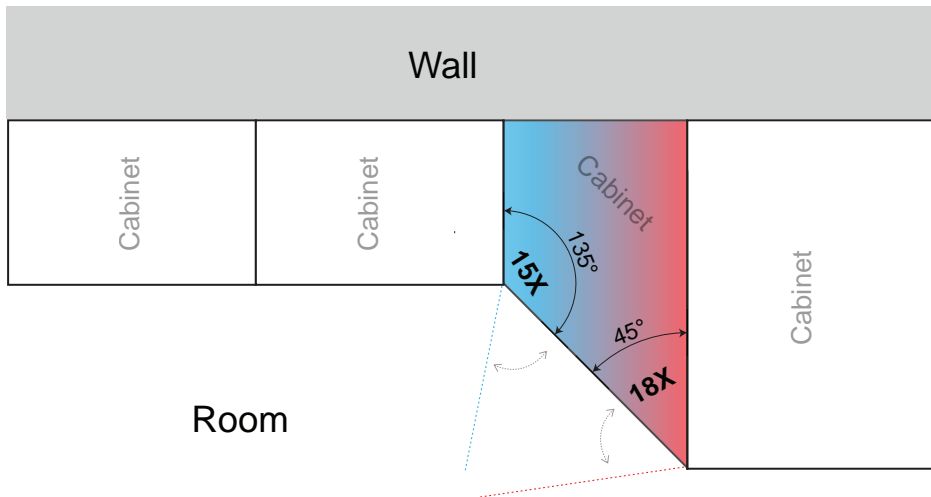
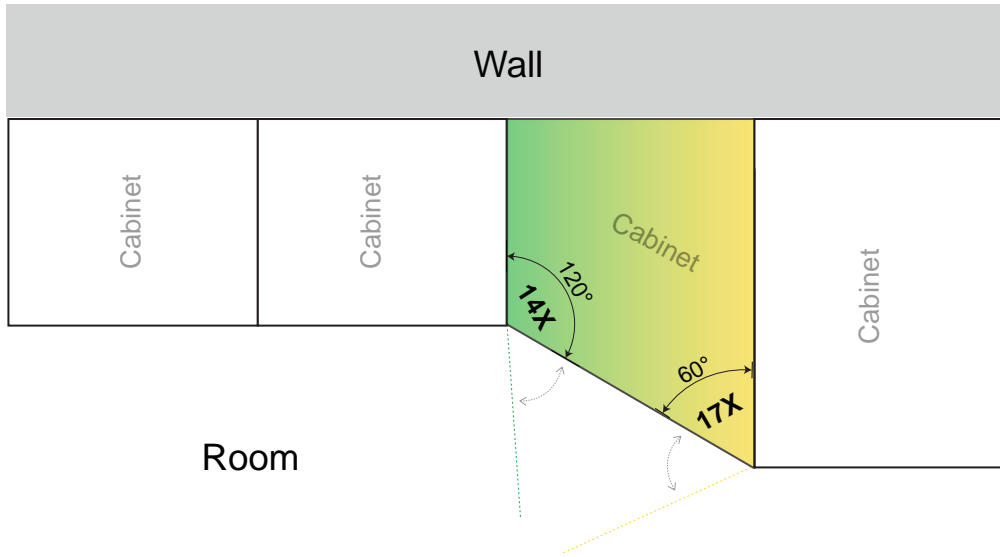
Prototypes of hinge Installation



Prototypes of hinge Installation



Prototypes of hinge Installation

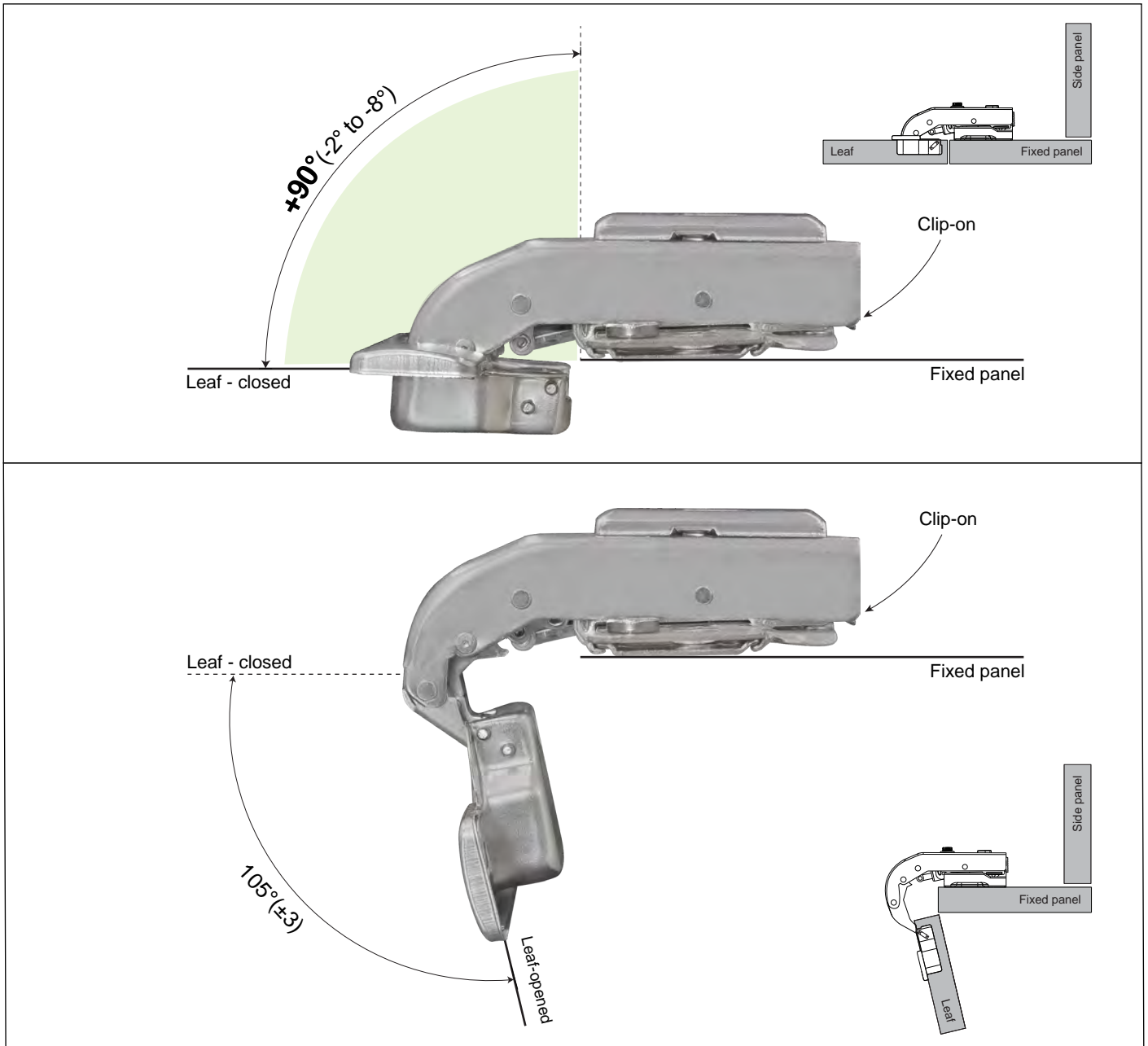
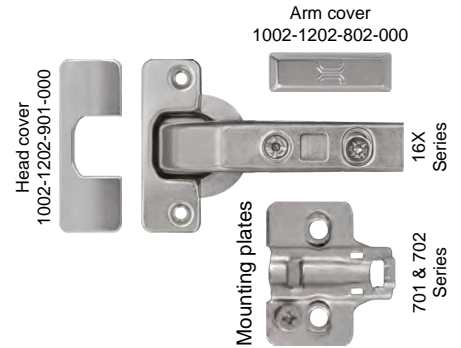


ITEM CODE: 1002-1202-16X SERIES

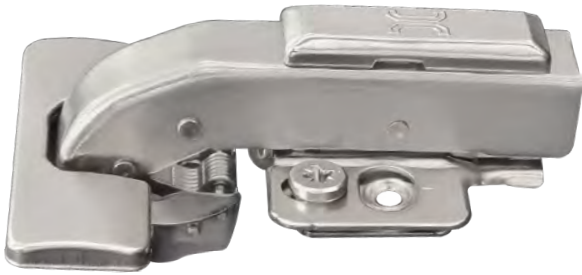
CLIP-ON CABINET HINGE, CLOSED ANGLE: $+90^\circ$ (TOLERANCE FROM -2° TO -8°) | OPENING ANGLE: $105^\circ (\pm 3)$

Features:

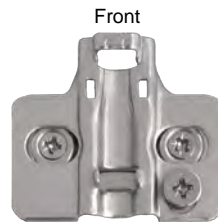
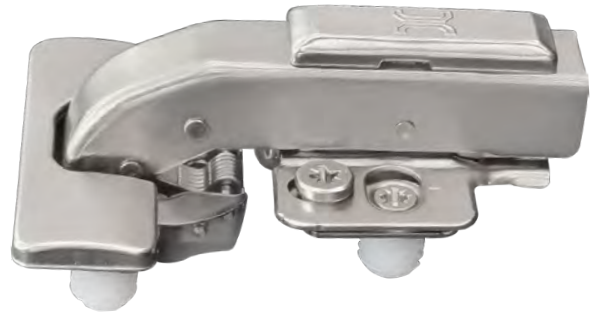
- For leaf thickness of 14-22 mm.
- $+90^\circ$ (tolerance from -2° to -8°) angled hinge, opening angle $105^\circ (\pm 3)$, soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.
- Optional: Copper (CU) & matt black plated.
- Tool-free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



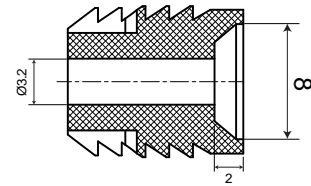
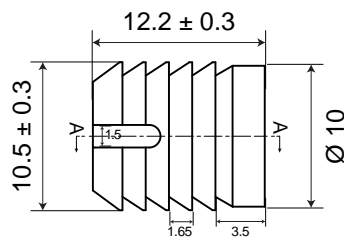
Cabinet hinge 16X Series with mounting plate 701 Series



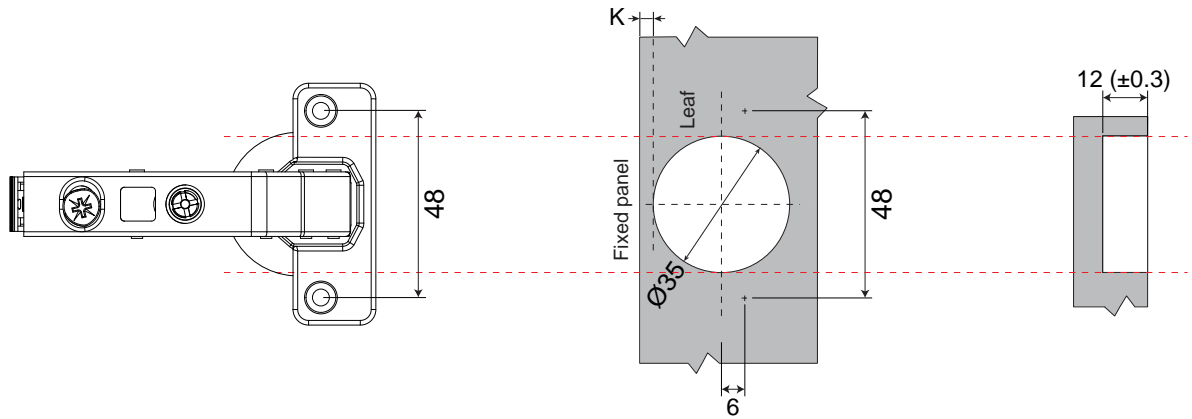
Cabinet hinge 16X Series with mounting plate 702 Series (with dowel)



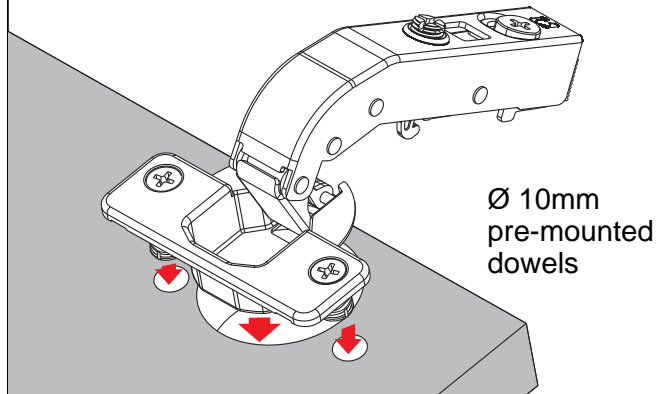
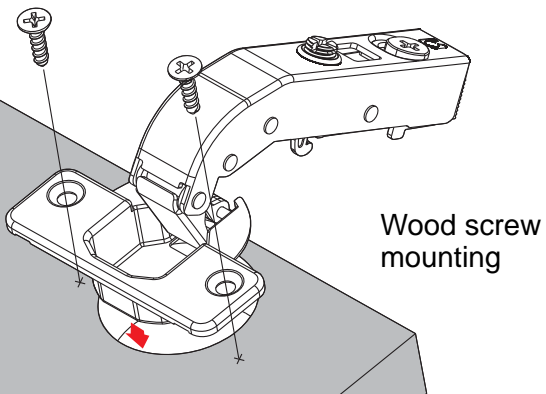
Dowel dimensions
Ø 10 mm



Drilling pattern for cup fixing

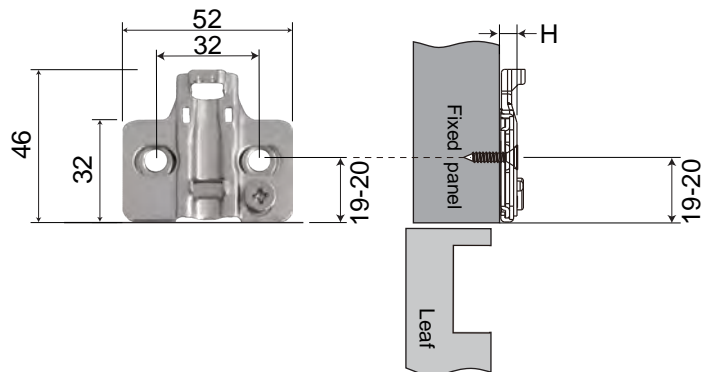


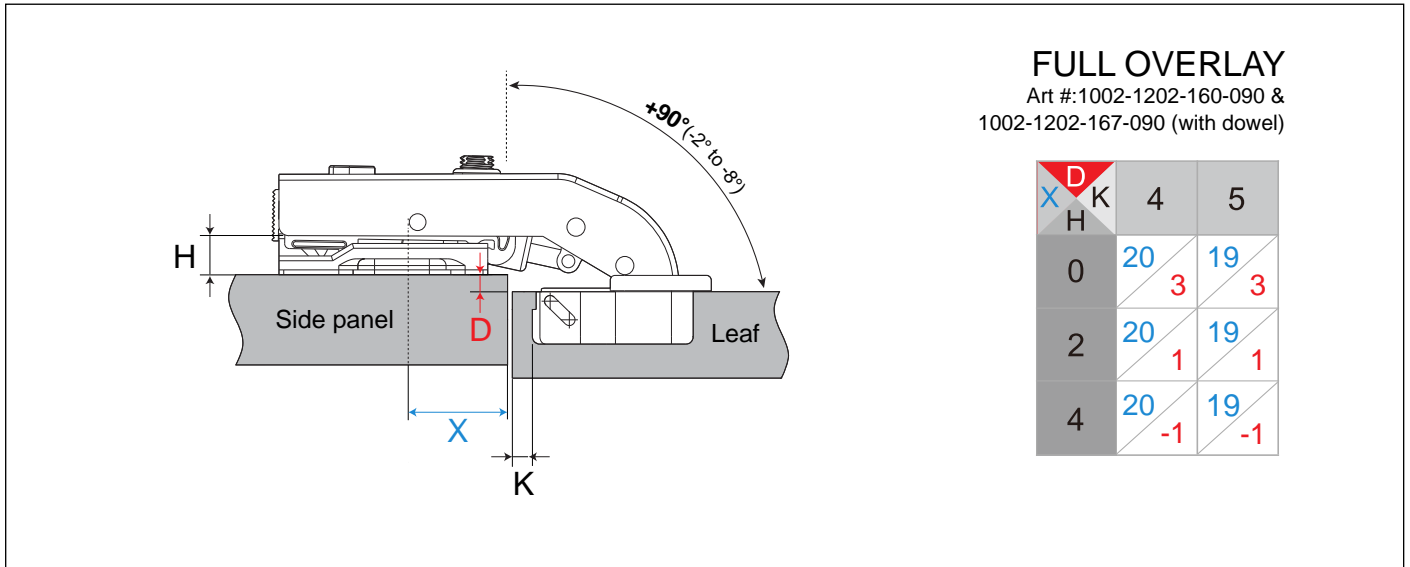
Cup Installation



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)





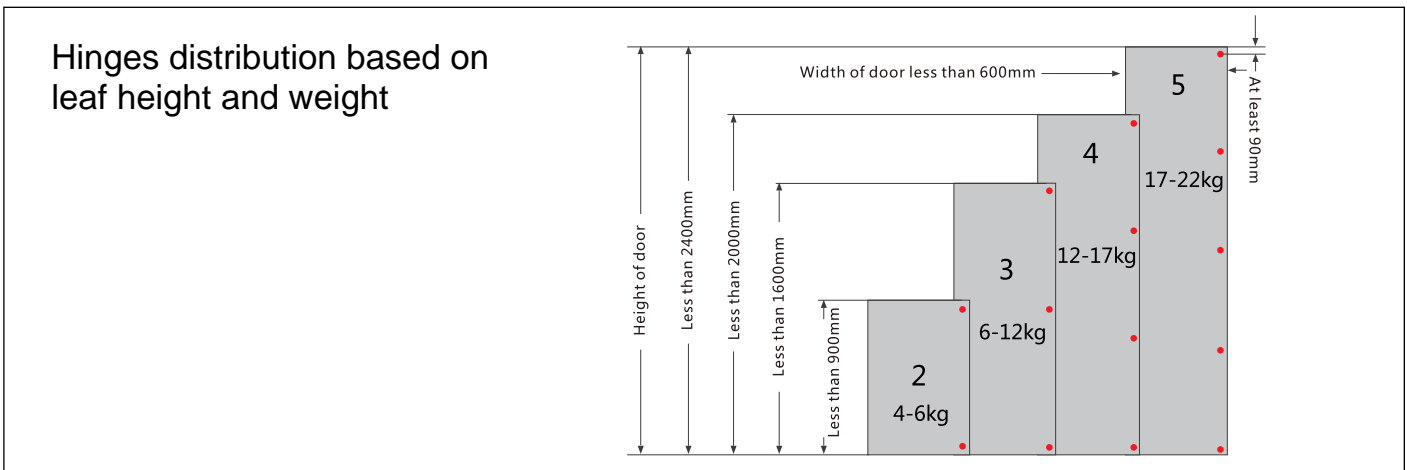
Hinge adjustment

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.

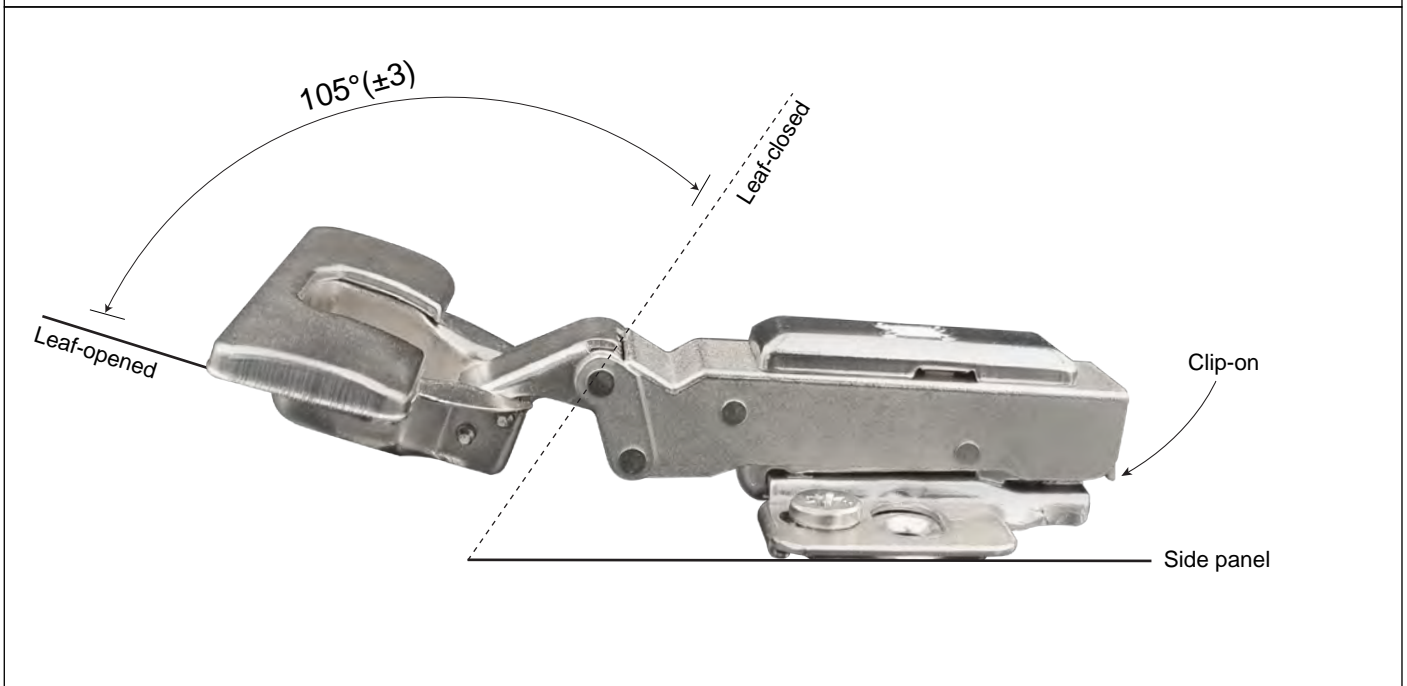
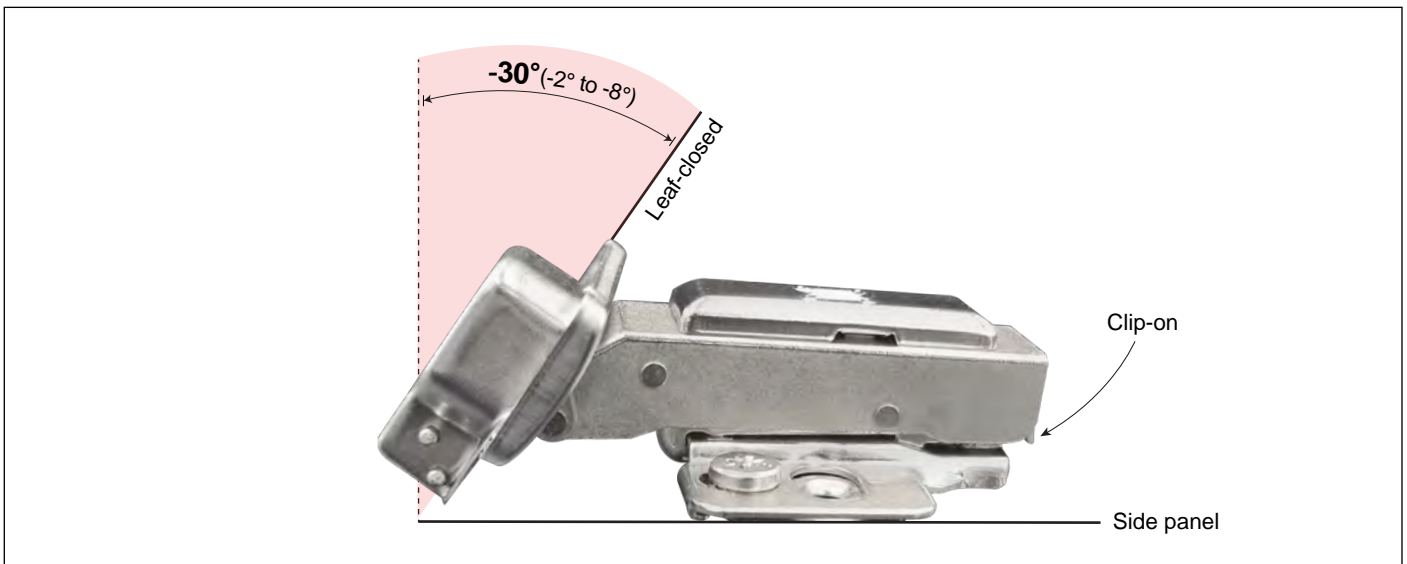
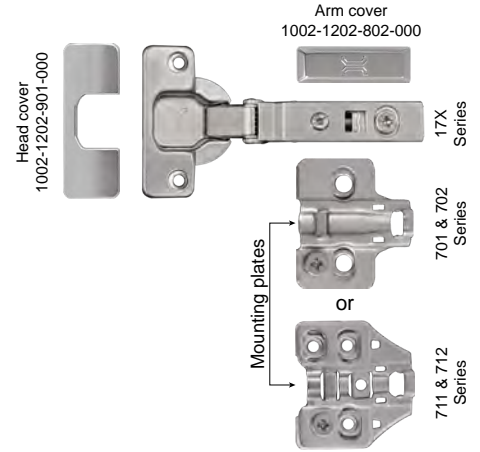


ITEM CODE: 1002-1202-17X SERIES

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

Features:

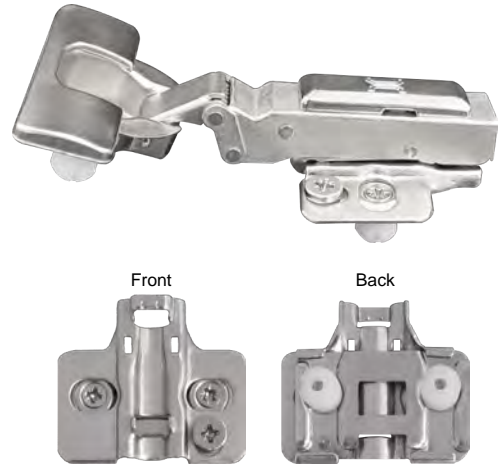
- For leaf thickness of 14-22 mm.
- -30° (tolerance from -2° to -8°) angled hinge, opening angle $105^\circ (\pm 3)$, soft-close hinge.
- One-way hinge.
- Base material: Cold rolled steel cup & zinc alloy arm.
- Finishes: - Copper (CU) & nickel plated.
- Optional: Copper (CU) & matt black plated.
- Tool-free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



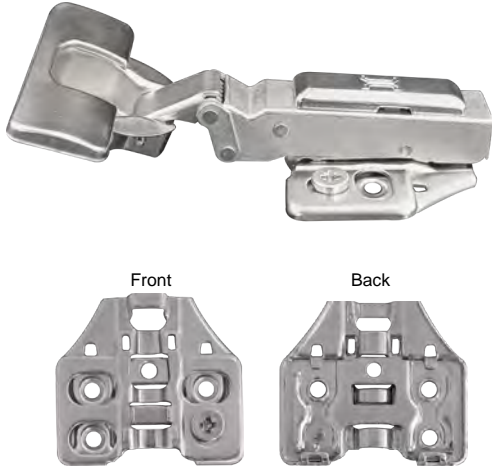
Cabinet hinge 17X Series with mounting plate 701 Series



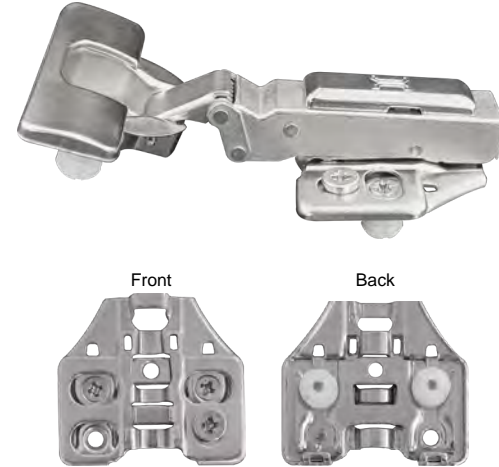
Cabinet hinge 17X Series with mounting plate 702 Series (with dowel)



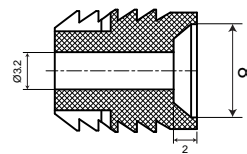
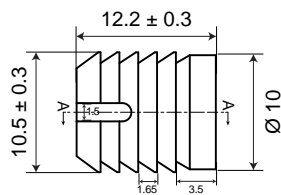
Cabinet hinge 17X Series with mounting plate 711 Series



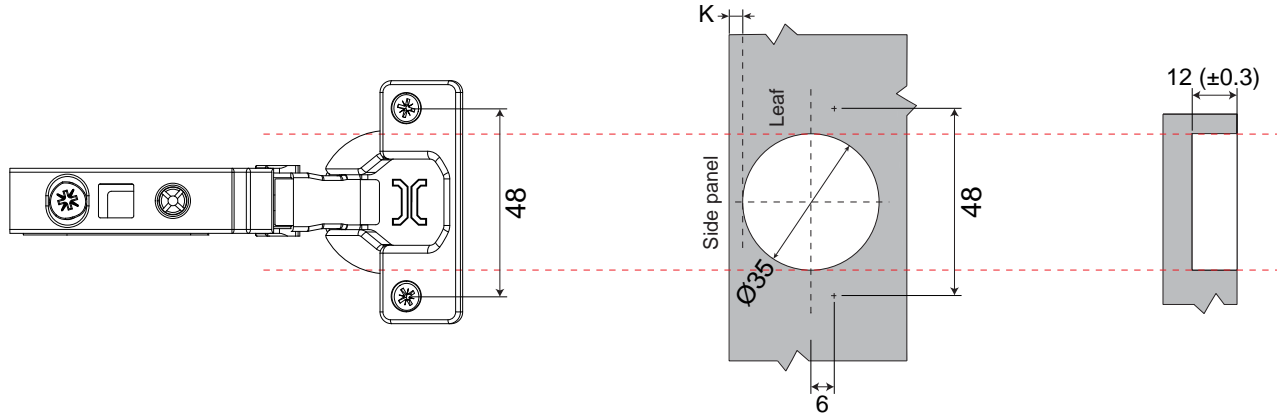
Cabinet hinge 17X Series with mounting plate 712 Series (with dowel)



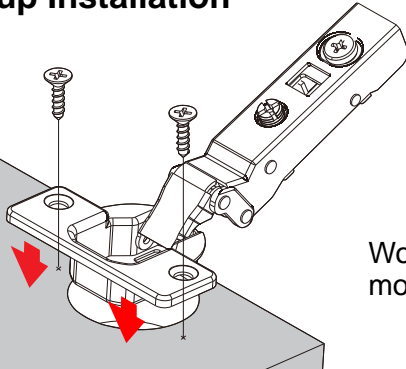
Dowel dimensions
Ø 10 mm



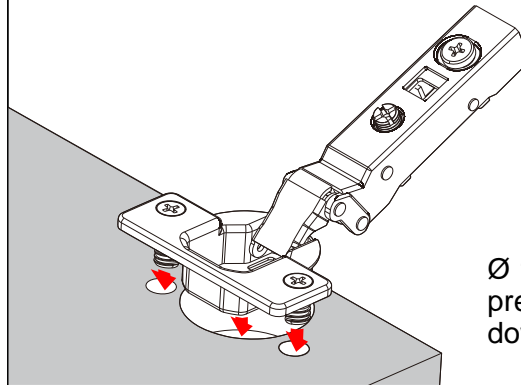
Drilling pattern for cup fixing



Cup Installation



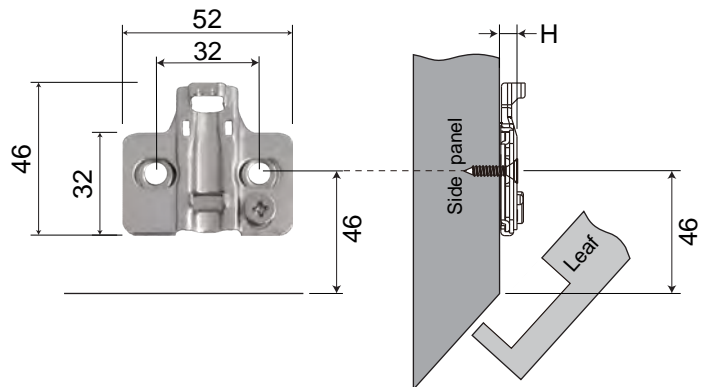
Wood screw mounting



Ø 10mm pre-mounted dowels

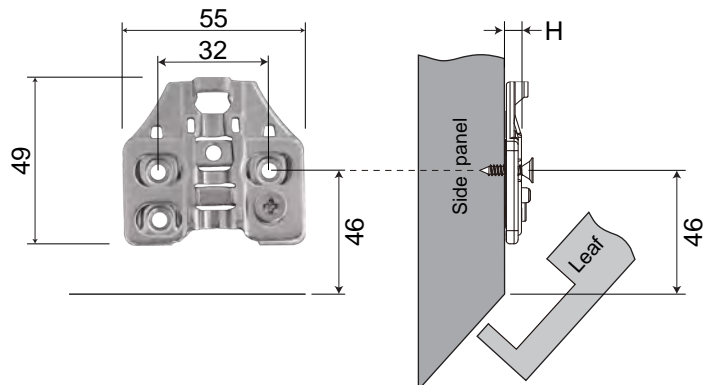
Mounting plates features:

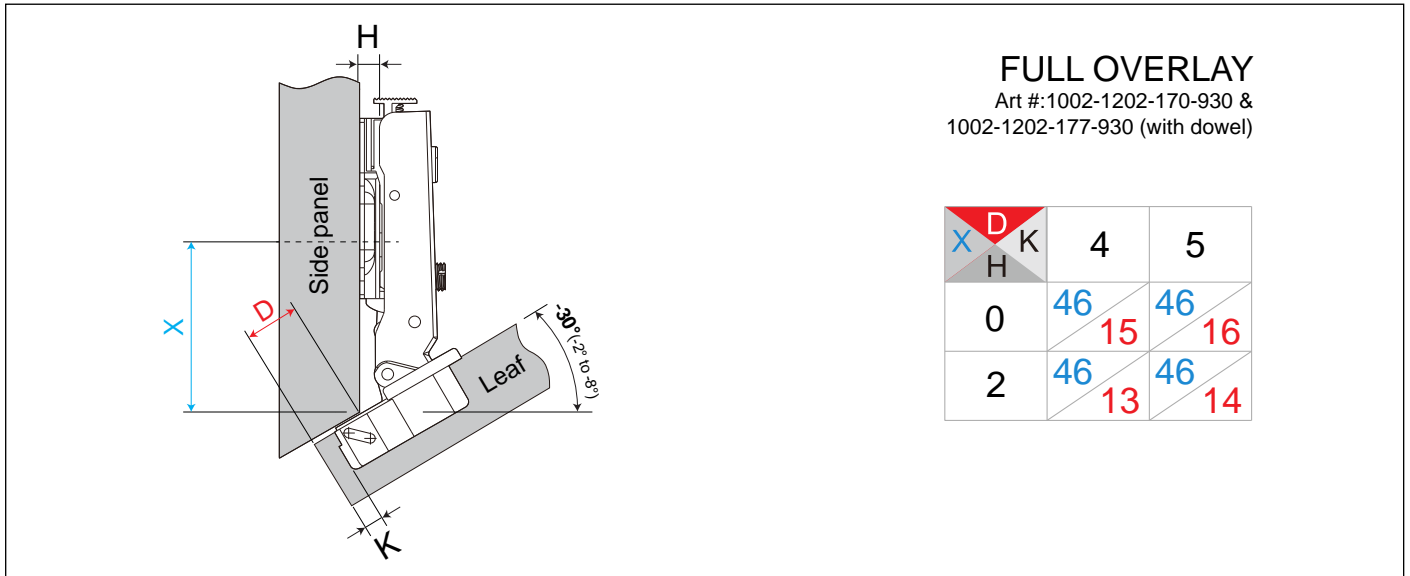
- Wood screw: Ø 4*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 46 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.
- Optional: Copper (CU) & matt black plated.
- Height:
H0: 1002-1202-701-000 | 1002-1202-702-000 (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)





Hinge adjustment

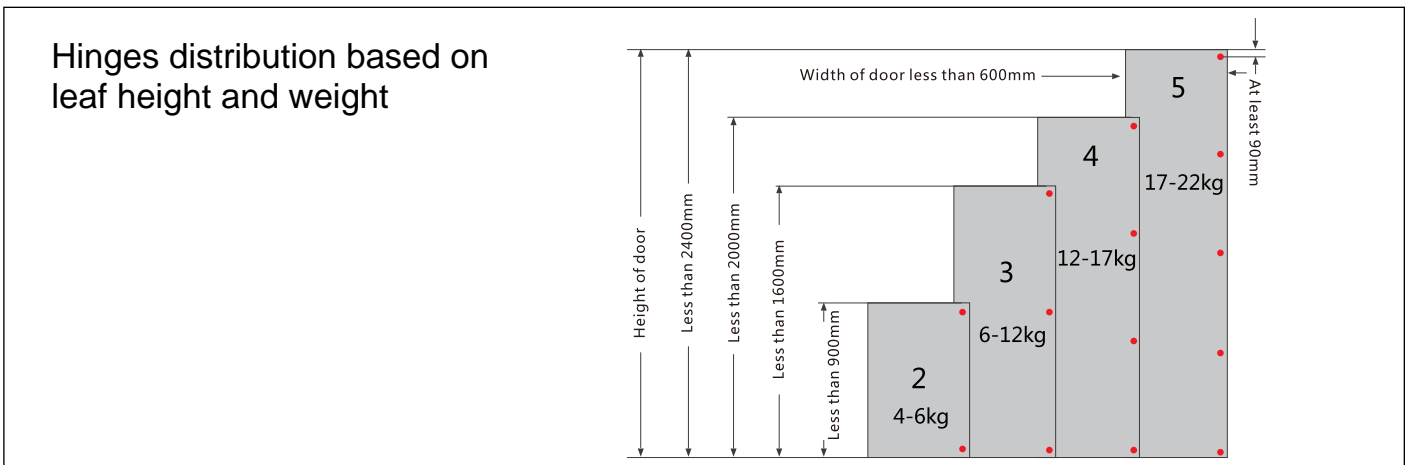
Height adjustment
 Adjust the mounting plate on panel to adjust the leaf's height.
 Adjust range: -1.9mm, +1.9mm.

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

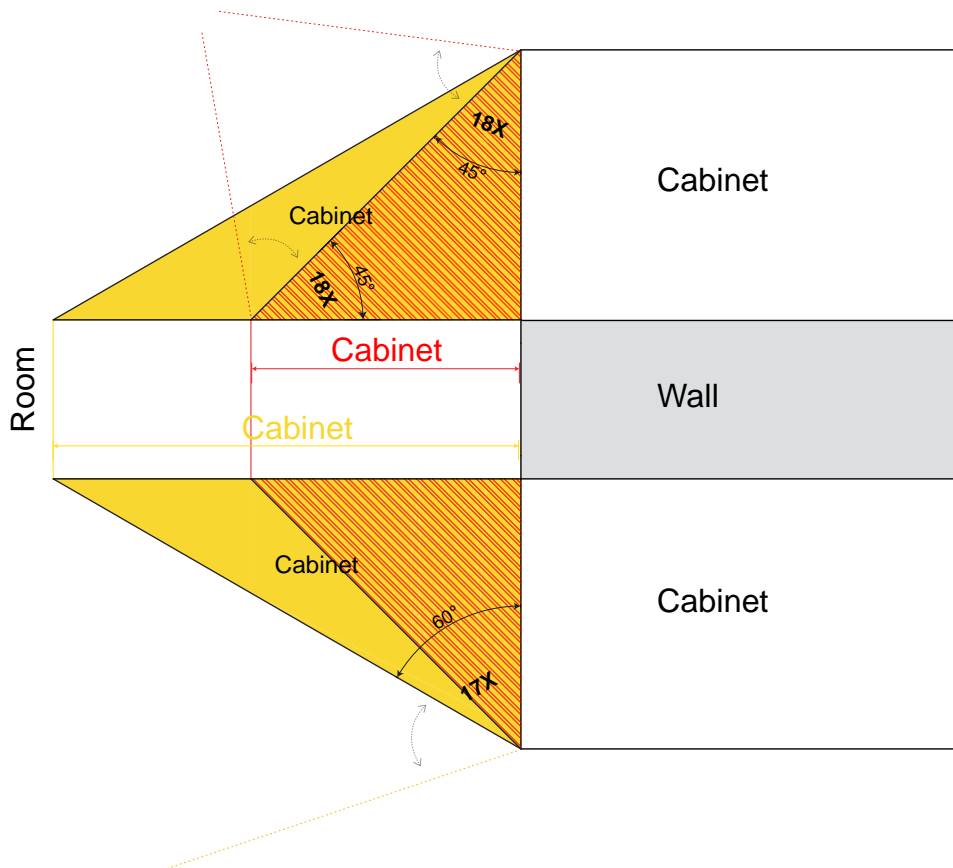
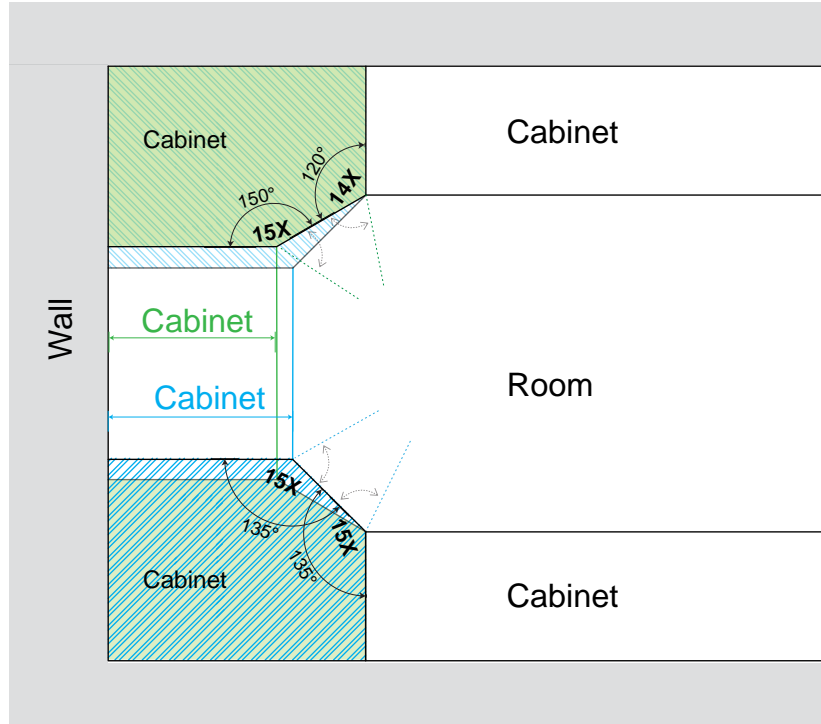
Depth adjustment
 Rotate depth screw to adjust leaf gap.
 Adjust range: -1.9mm, +1.9mm.

Notes:

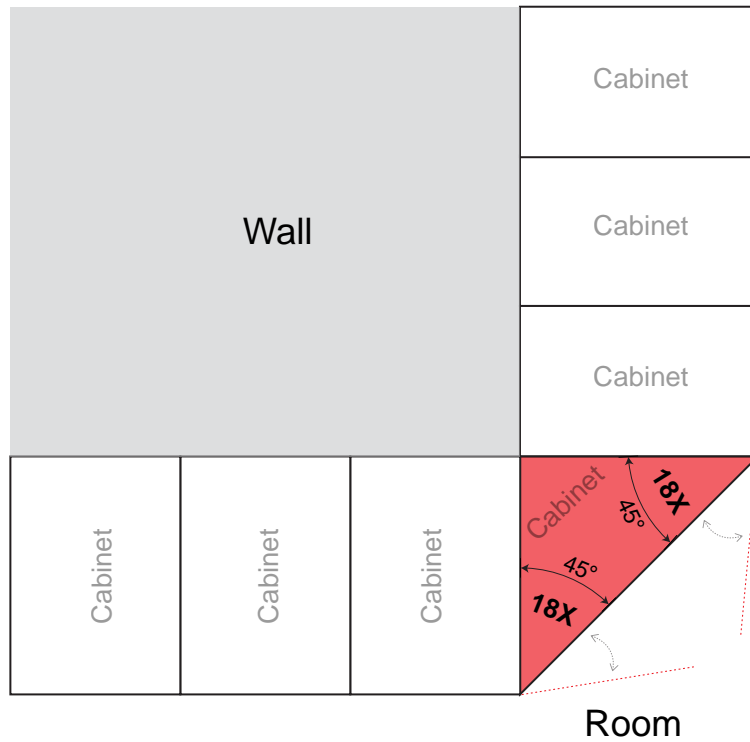
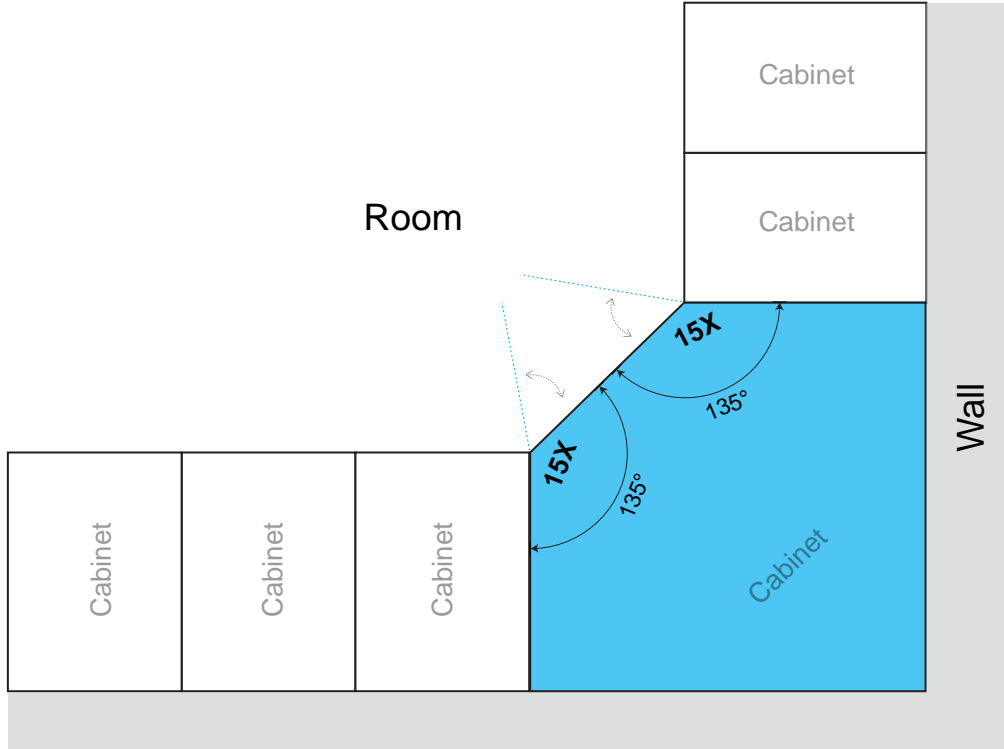
- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjustment ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.



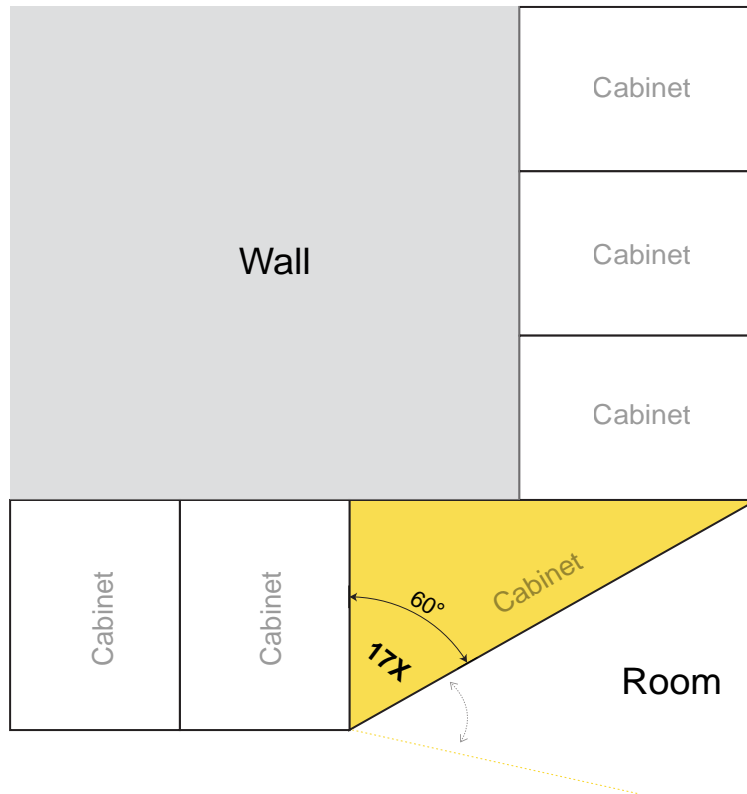
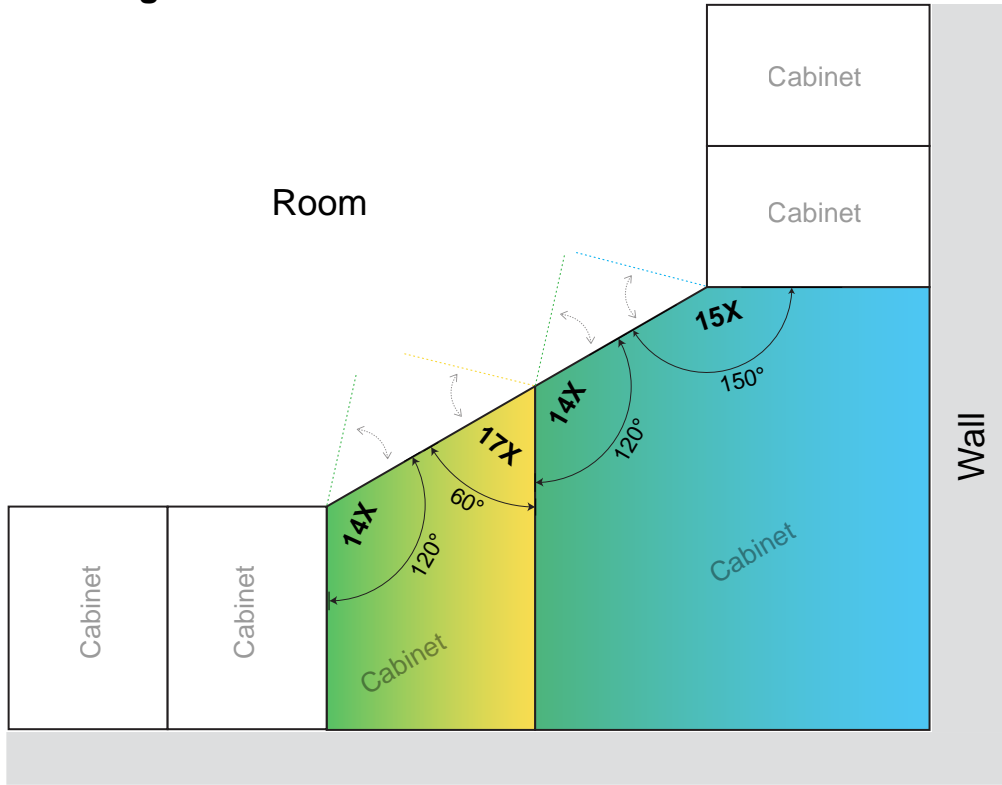
Prototypes of hinge Installation



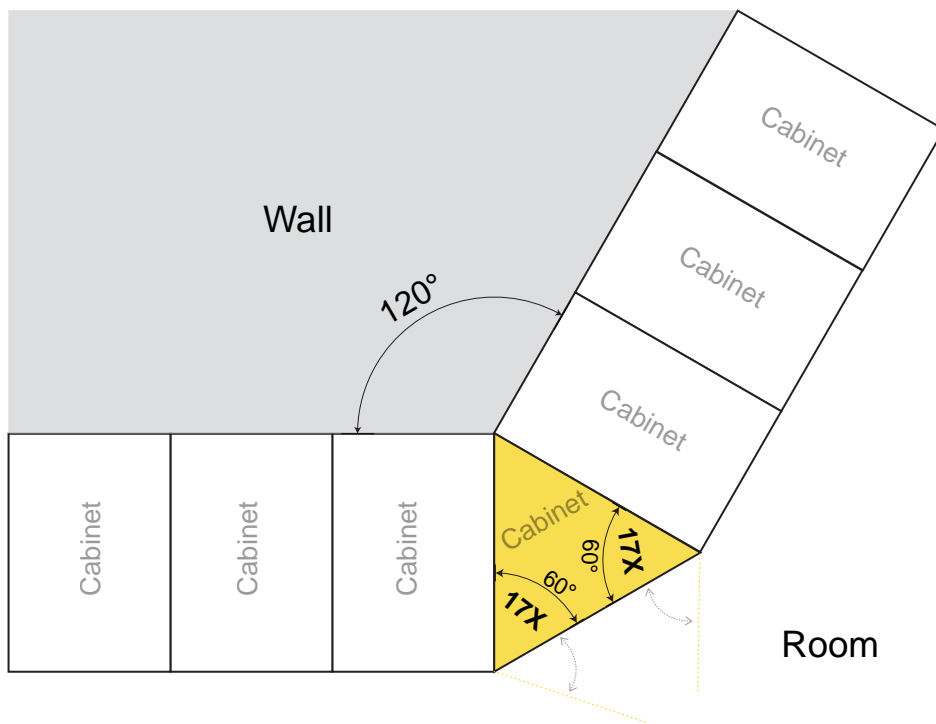
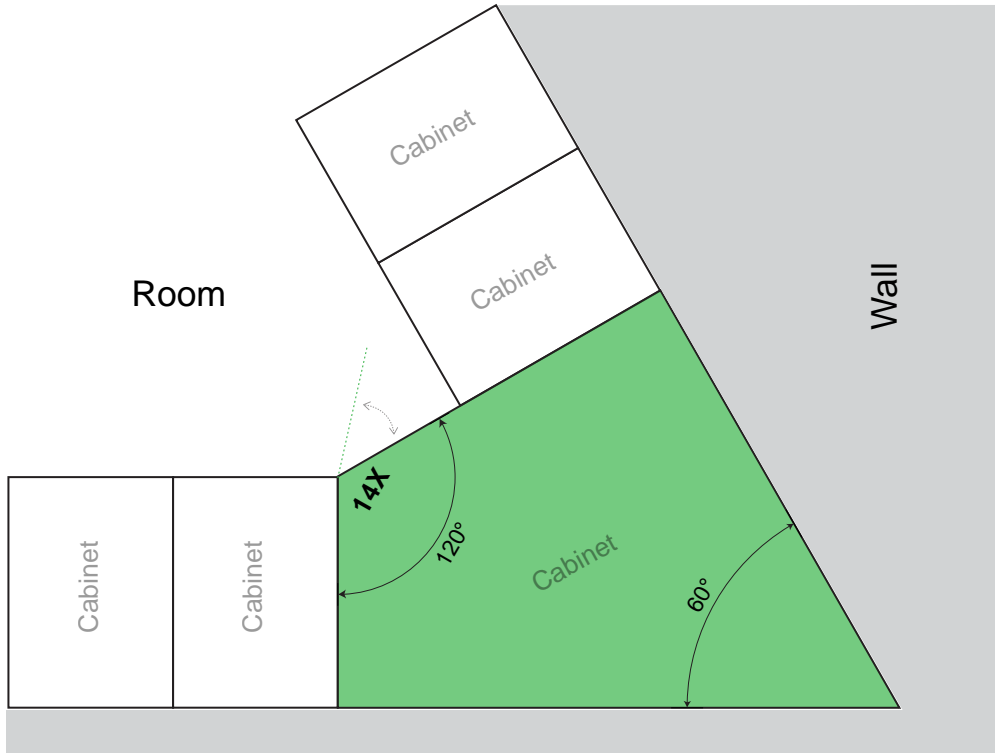
Prototypes of hinge Installation



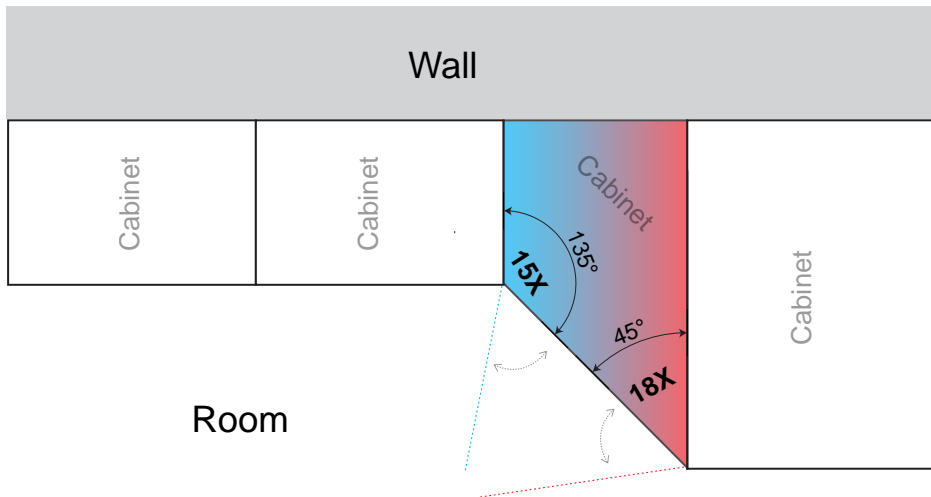
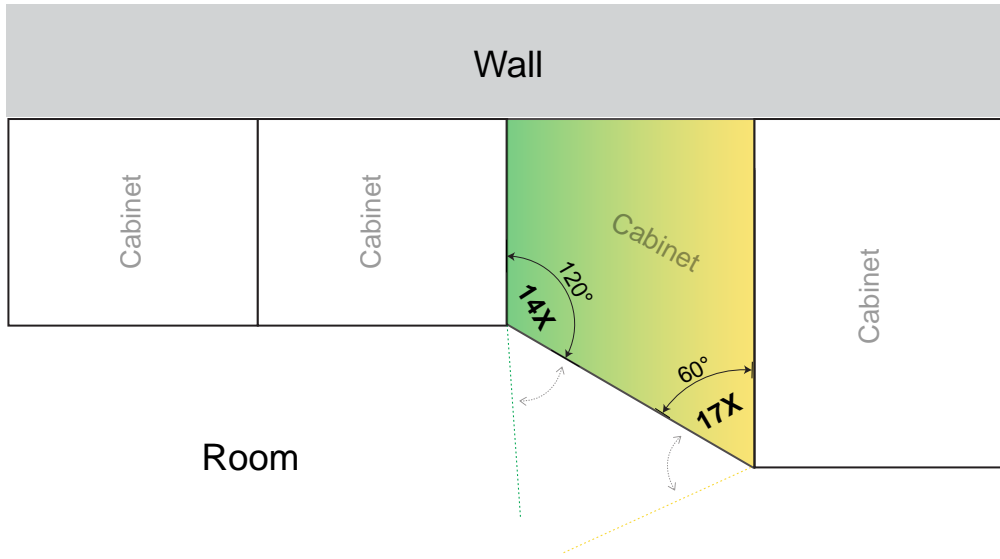
Prototypes of hinge Installation



Prototypes of hinge Installation



Prototypes of hinge Installation

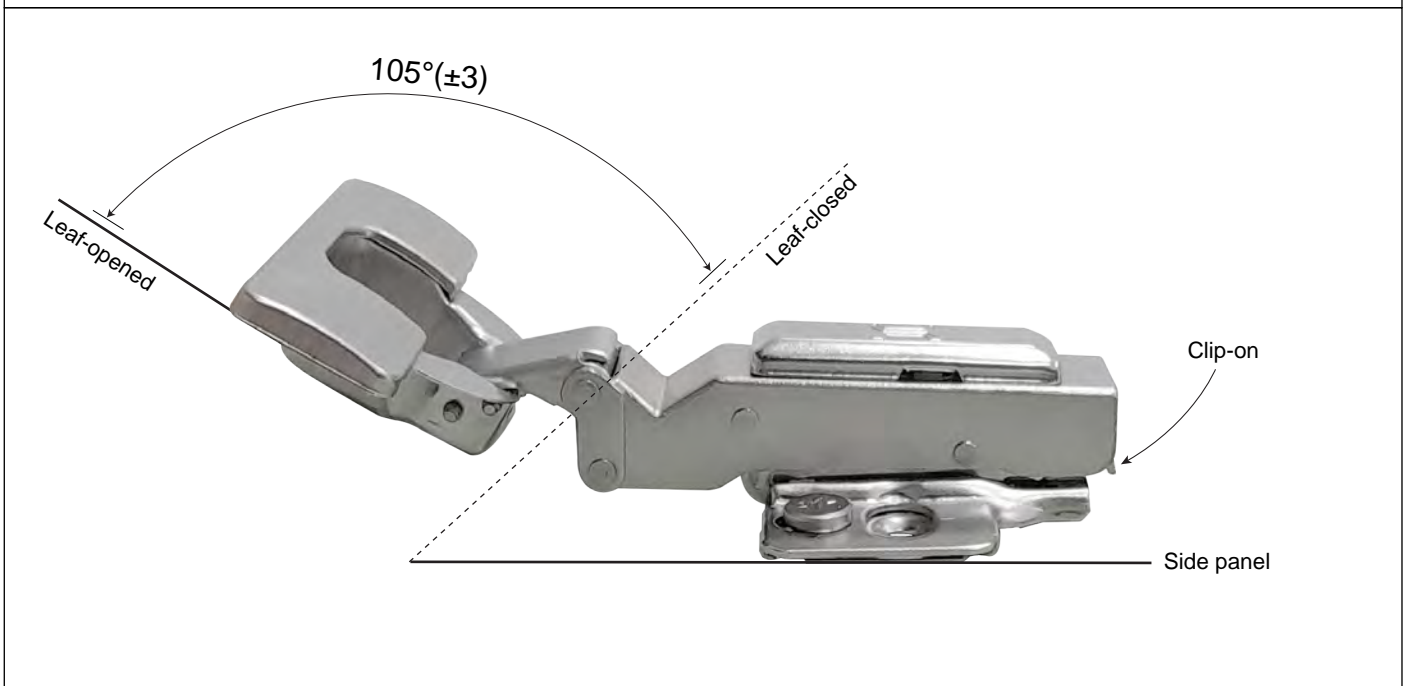
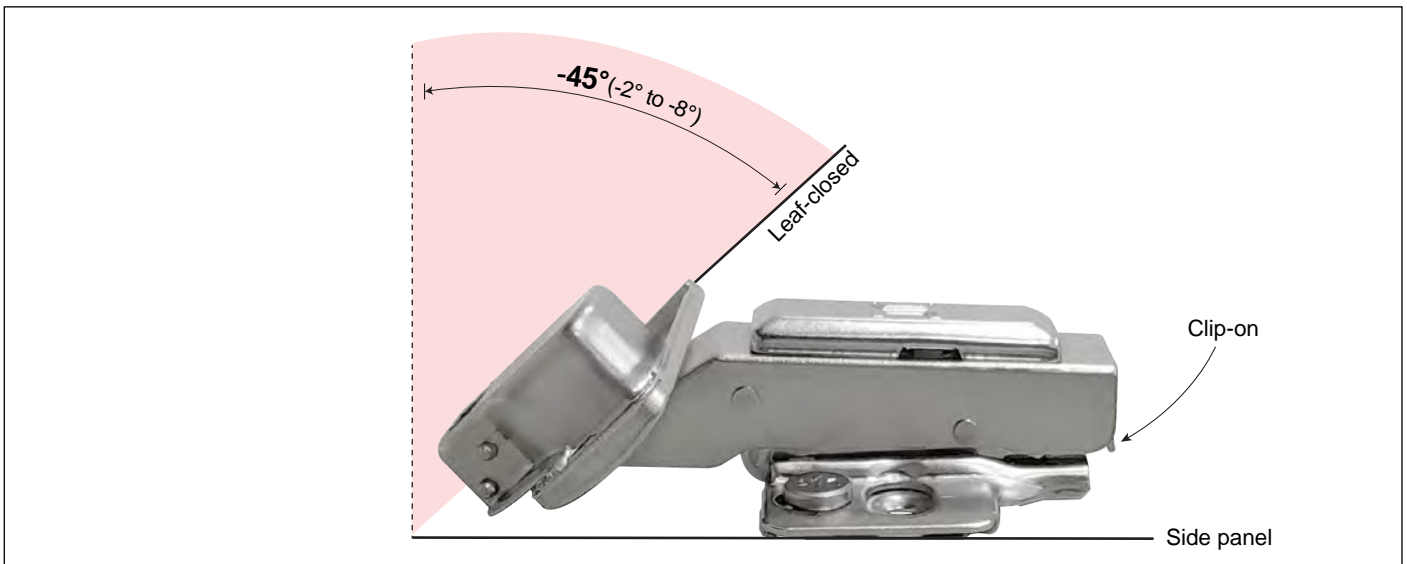
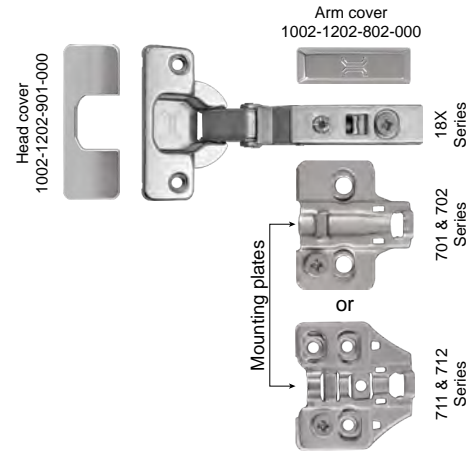


ITEM CODE: 1002-1202-18X SERIES

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

Features:

- For leaf thickness of 14-22 mm.
- -45° (tolerance from -2° to -8°) 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)



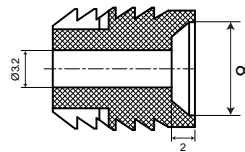
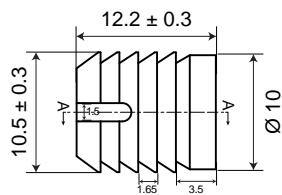
Cabinet hinge 18X Series with mounting plate 711 Series



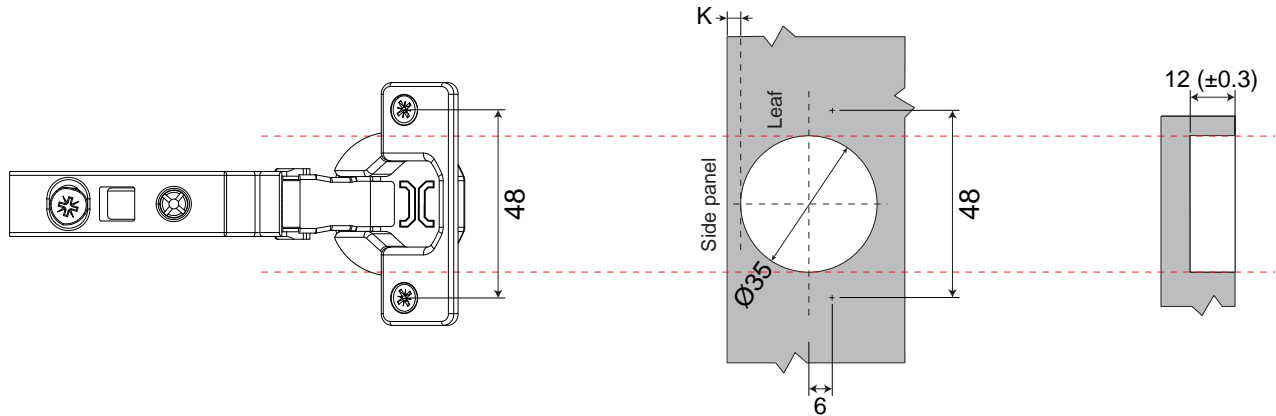
Cabinet hinge 18X Series with mounting plate 712 Series (with dowel)



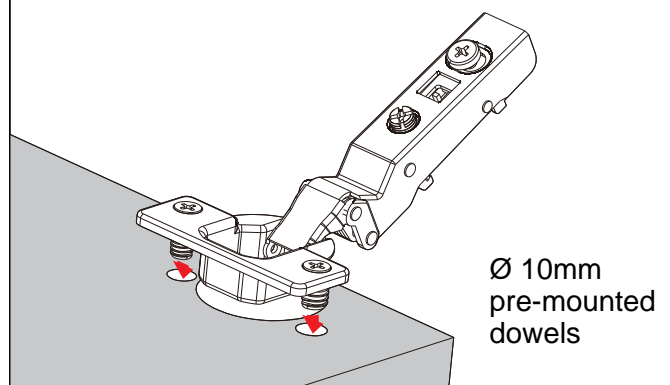
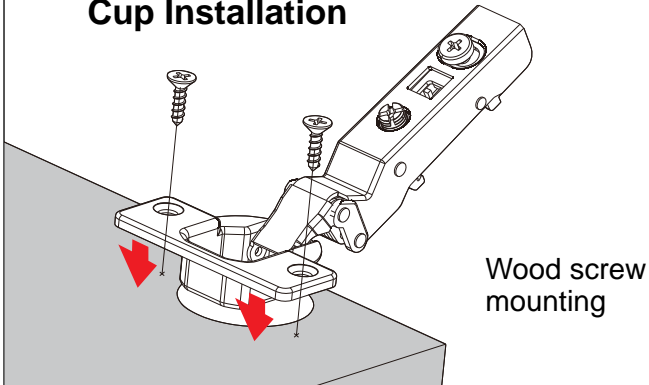
Dowel dimensions
Ø 10 mm



Drilling pattern for cup fixing

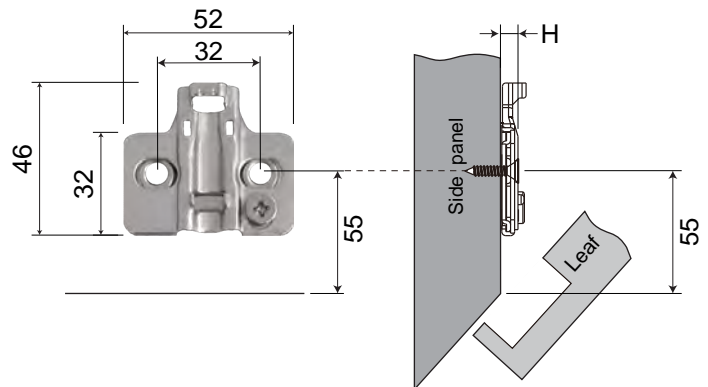


Cup Installation



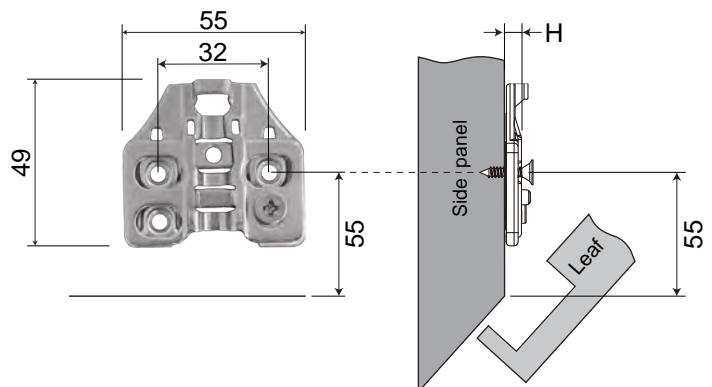
Mounting plates features:

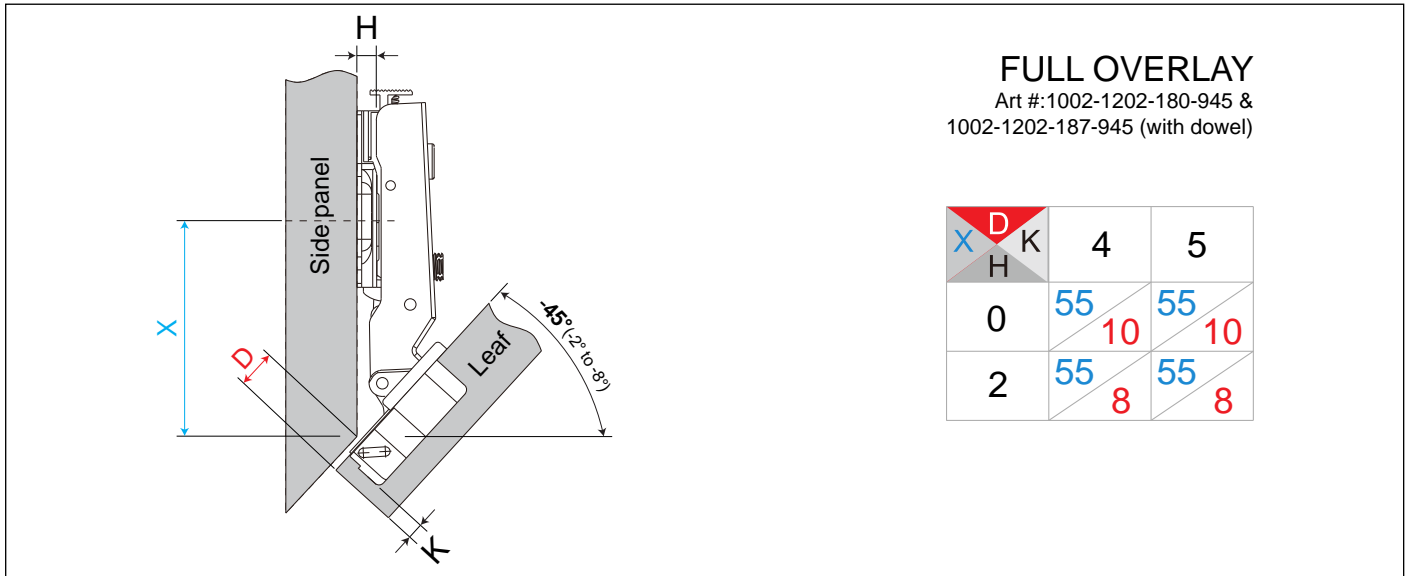
- Wood screw: $\text{Ø} 4 \times 15.5$ mm.
- Fixing screw drilling space: 32 mm.
- To side panel edge: 55 mm.
- Adjustment range: -1.9 mm, $+1.9$ mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.
- Optional: Copper (CU) & matt black plated.
- Height:
H0: 1002-1202-701-000 | 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: $\text{Ø} 4 \times 15.5$ 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)





Hinge adjustment

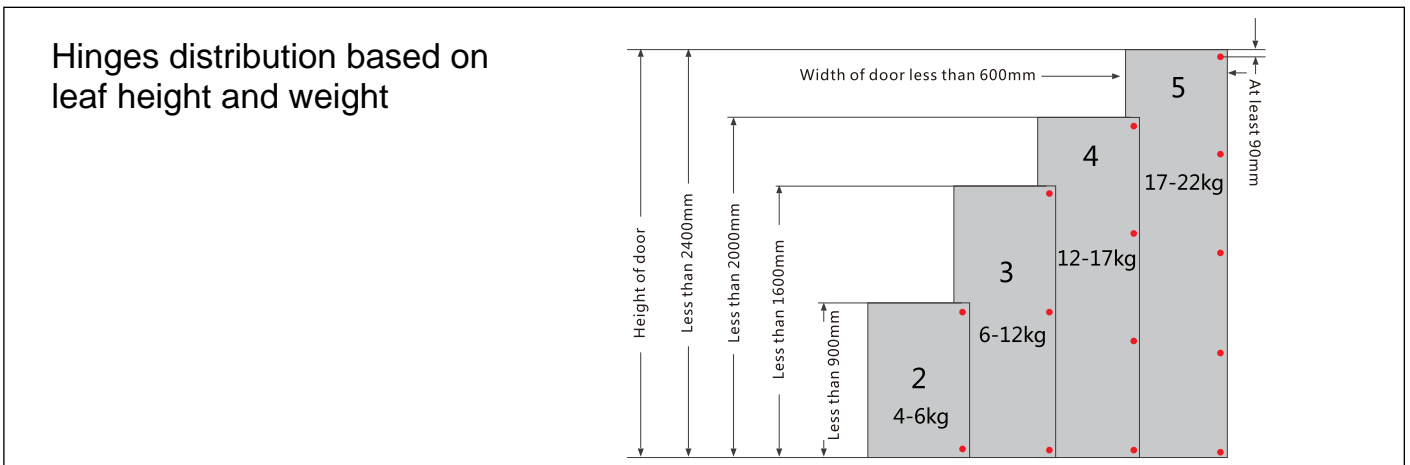
Height adjustment
 Adjust the mounting plate on panel to adjust the leaf's height.
 Adjust range: -1.9mm, +1.9mm.

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

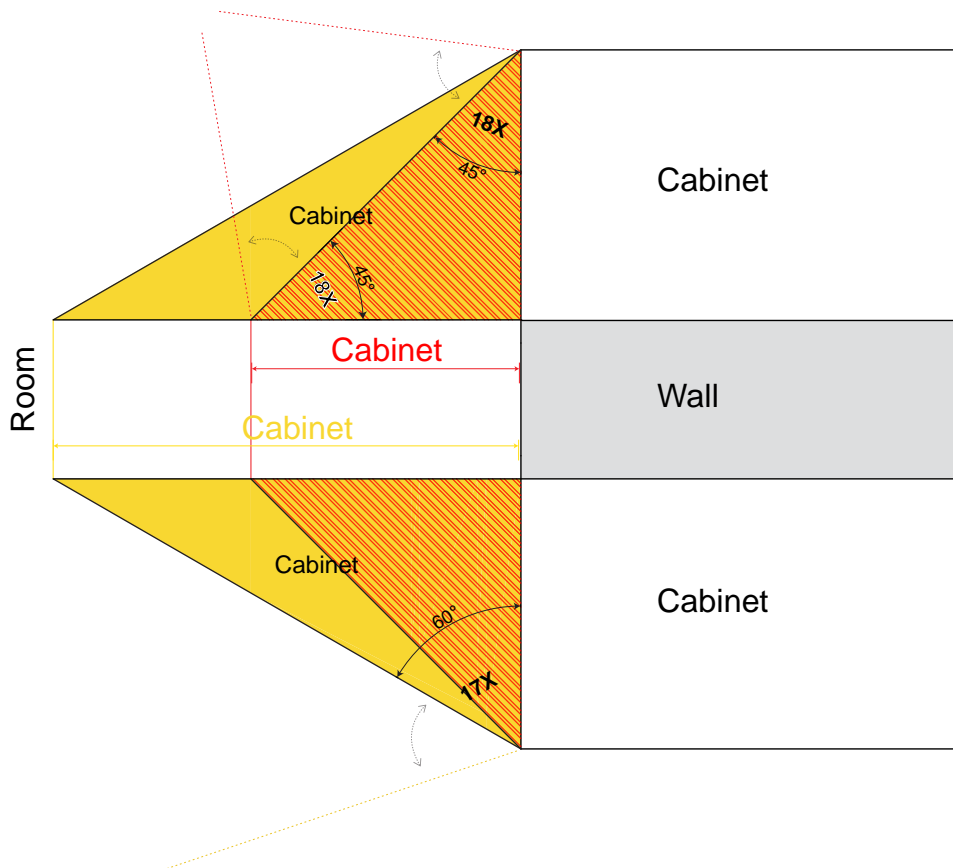
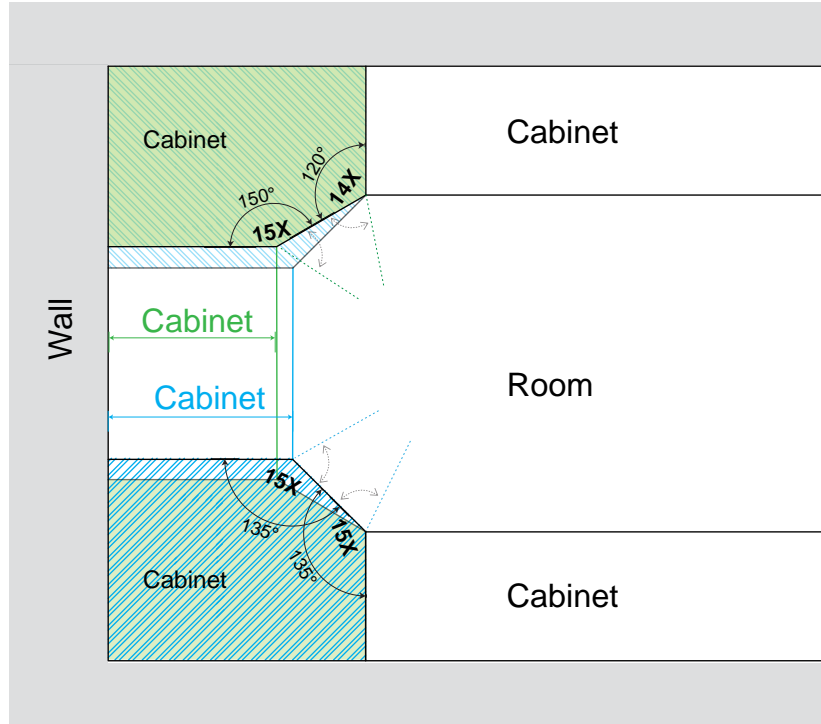
Depth adjustment
 Rotate depth screw to adjust leaf gap.
 Adjust range: -1.9mm, +1.9mm.

Notes:

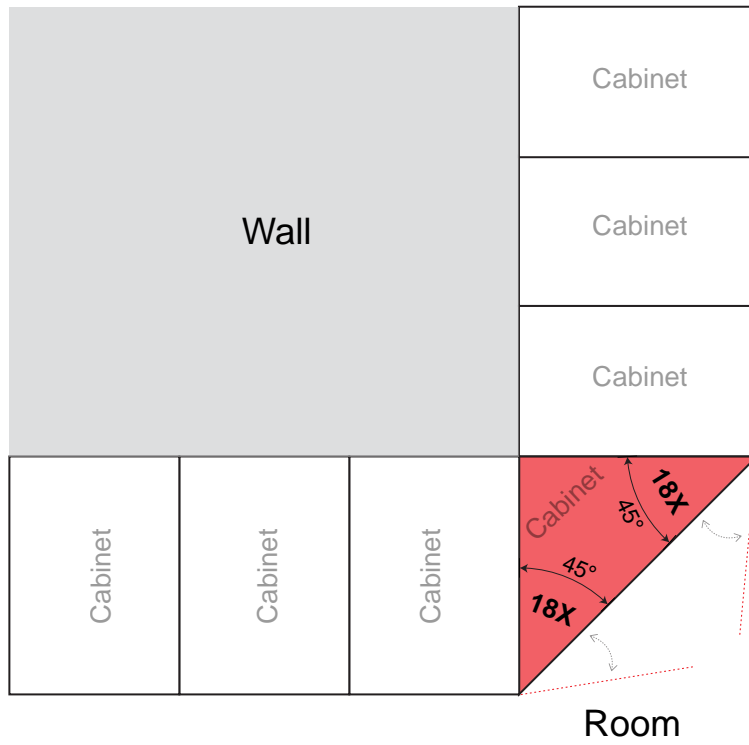
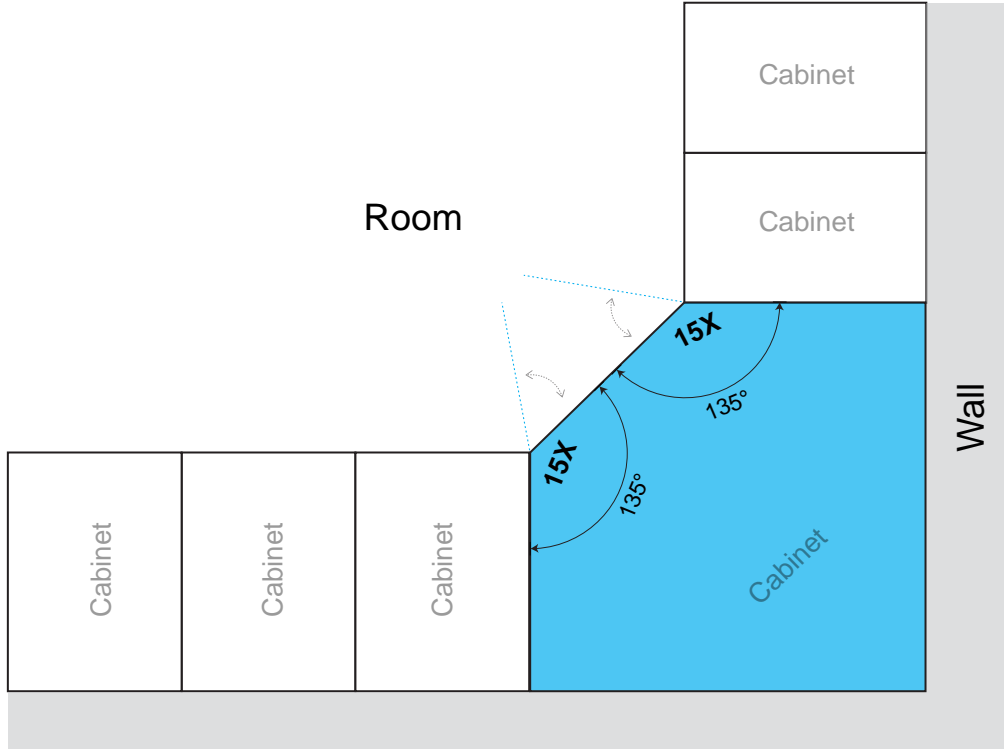
- Mounting plates 701 series, 702 series, 711 series & 712 series have the same adjust ranges.
- The reference adjustment range is the product design range. The actual size of the cabinet and the drilling method may have a certain impact on the parameters.



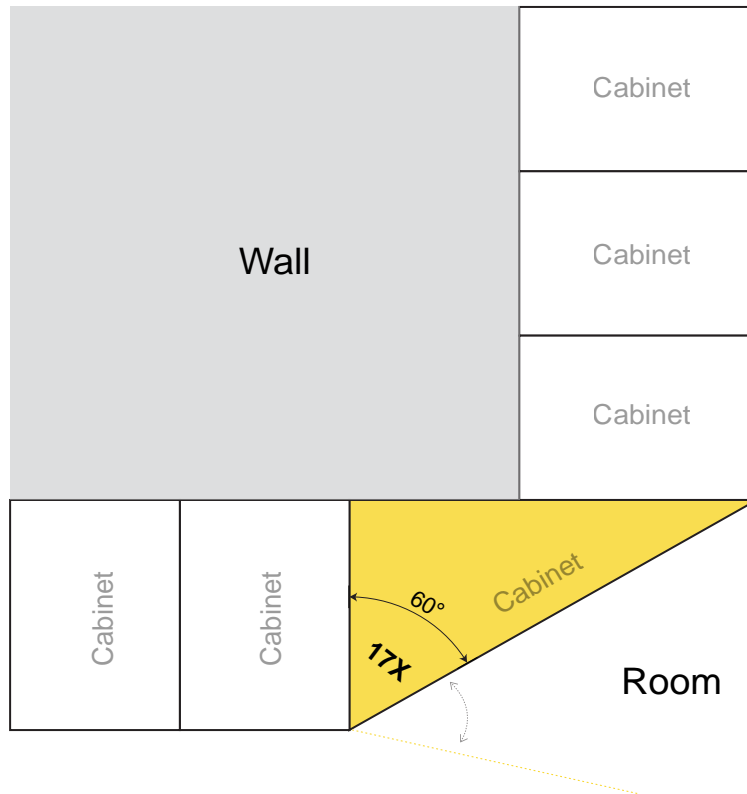
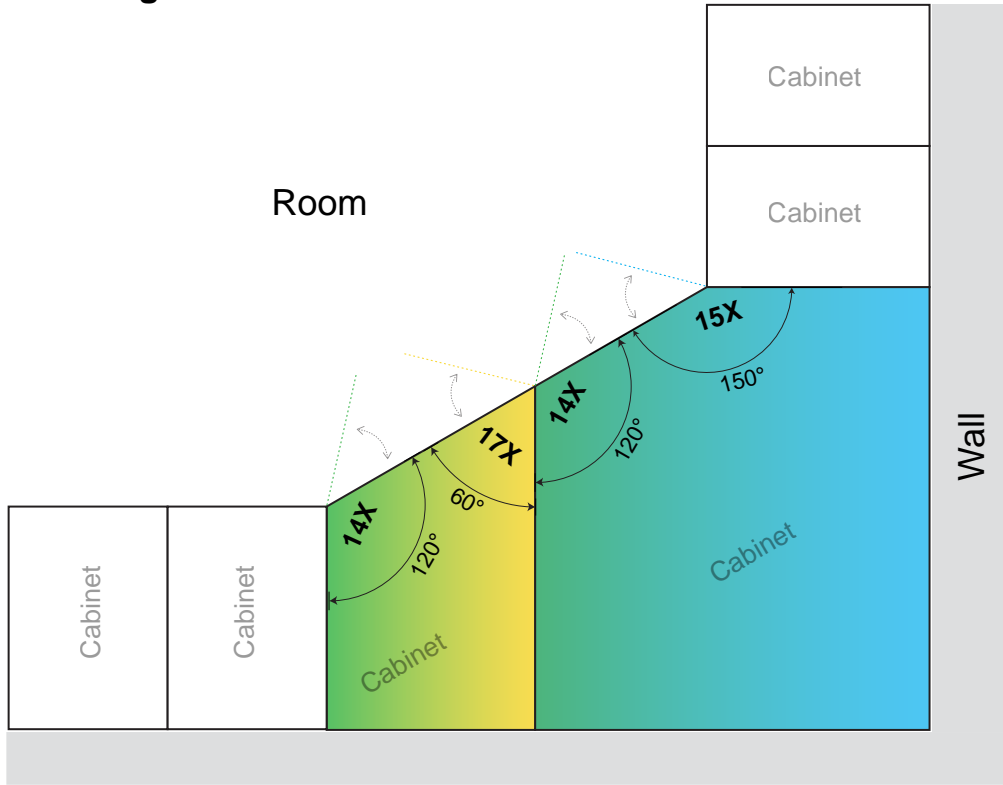
Prototypes of hinge Installation



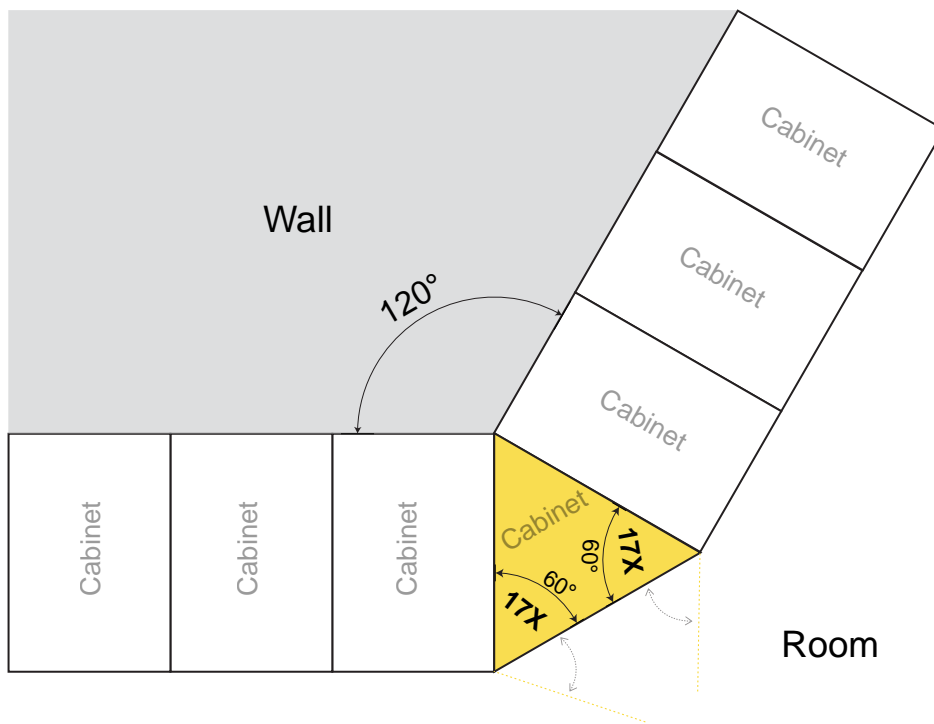
Prototypes of hinge Installation



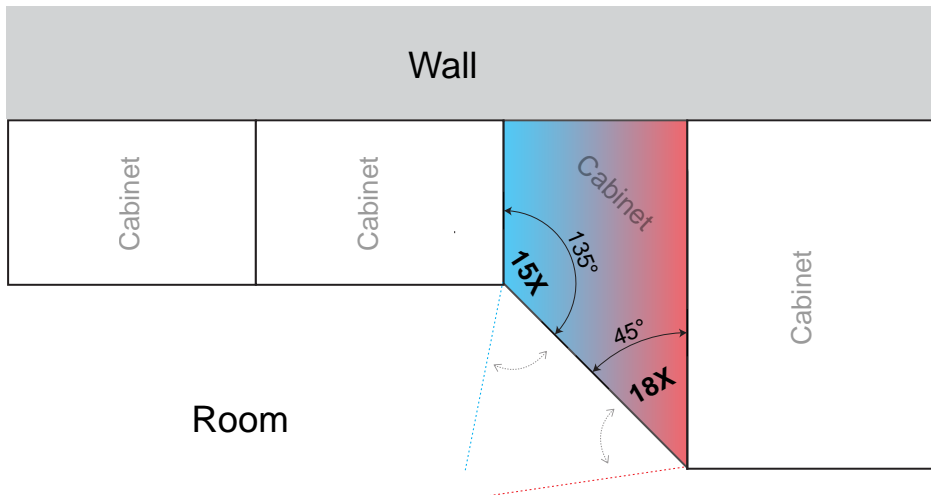
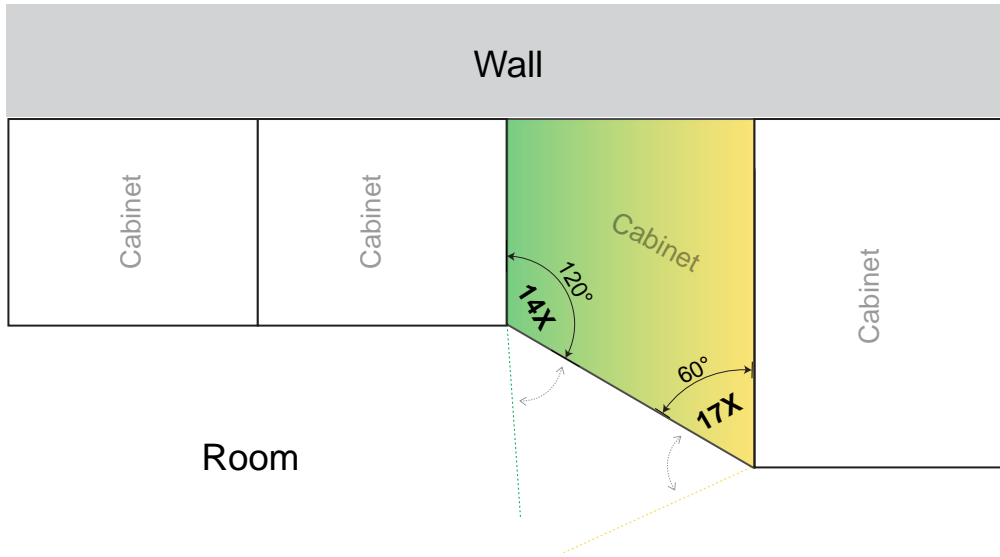
Prototypes of hinge Installation



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 mounting plate 701 Series
Front Back

Illustrated mounting plate 702 Series (with dowel)
Front Back

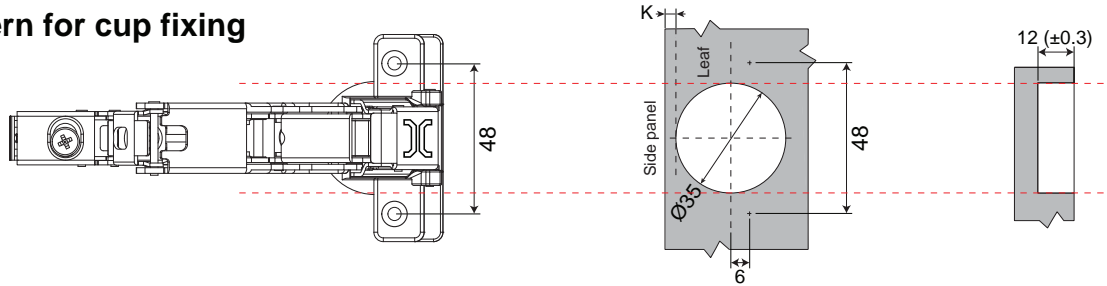
Illustrated hinge 19X Series with mounting plate 711 & 712 Series

Illustrated mounting plate 711 Series
Front Back

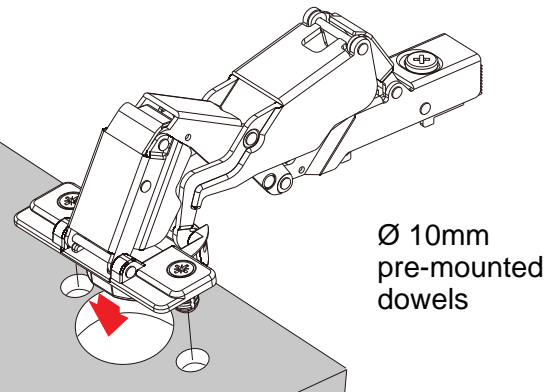
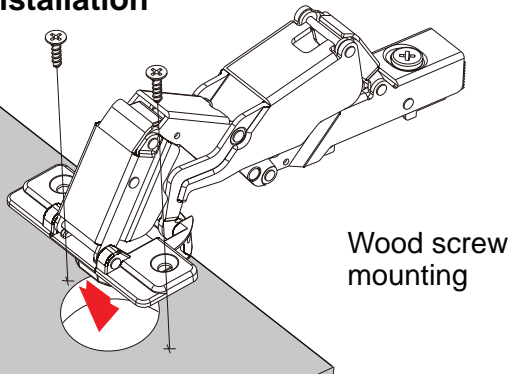
Illustrated mounting plate 712 Series (with dowel)
Front Back

Dowel dimensions
Ø 10 mm

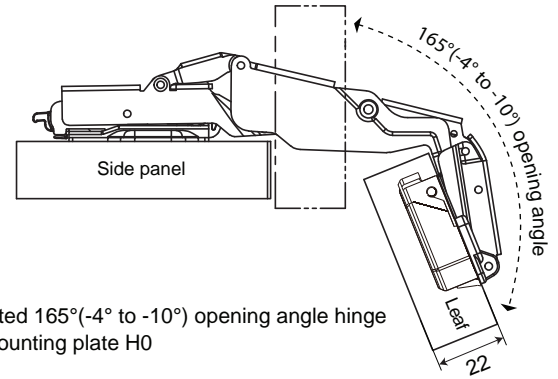
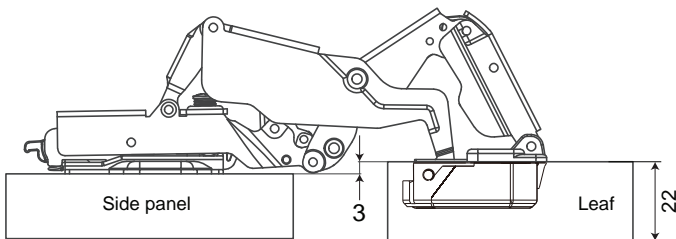
Drilling pattern for cup fixing



Cup installation



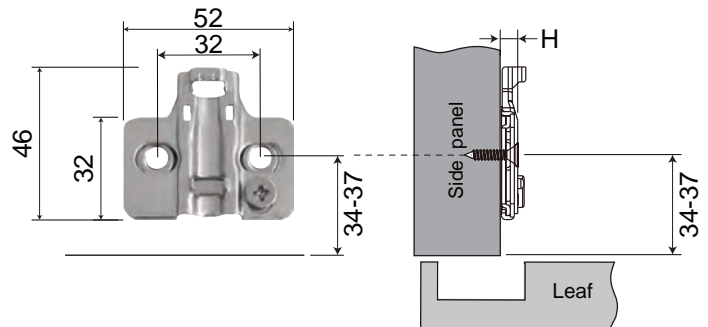
Illustrated 90° opening angle hinge with mounting plate H0



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:

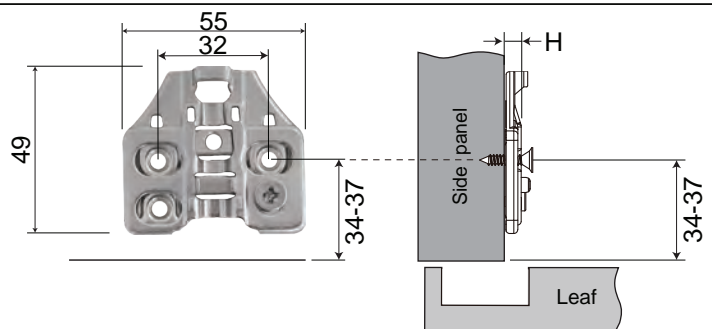
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)

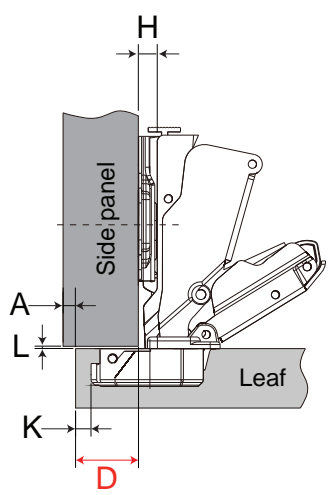


Mounting plates features:

- 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)



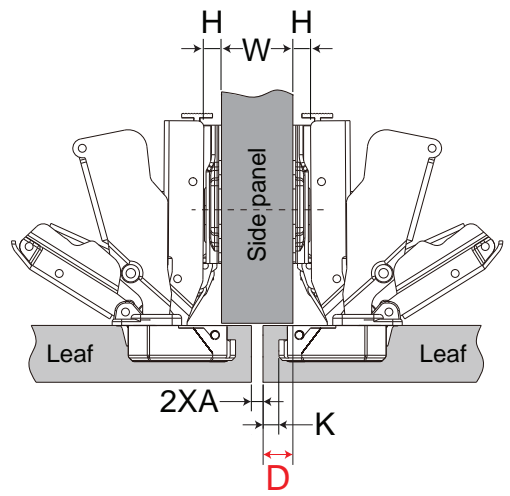


FULL OVERLAY

Art #: 1002-1202-191-165 &
1002-1202-194-165 (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

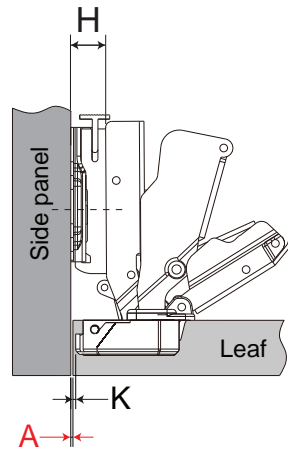


HALF OVERLAY

Art #: 1002-1202-192-165 &
1002-1202-195-165 (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

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

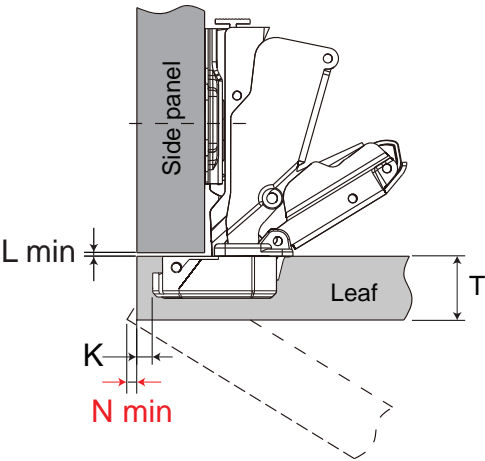
H = 0 + K + A

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

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Minimum reveal table

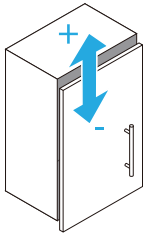


N	T	14	15	16	17	18	19	20	21	22	23	24	25	26
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6	2.1	2.7
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.4	2.0	2.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.2	1.8	2.3
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.2
7	0.0	0.0	0.0	0.0	0.0	0.0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

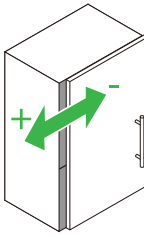
K= Boring distance
T= Leaf thickness
N= Minimum gap
L= Gap between leaf & side panel

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.

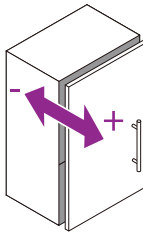
Hinge adjustment



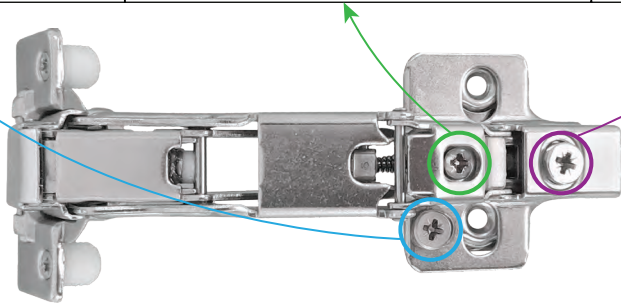
Height adjustment
Adjust the mounting plate on panel to adjust the leaf's height.
Adjust range: -1.9mm, +1.9mm.



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

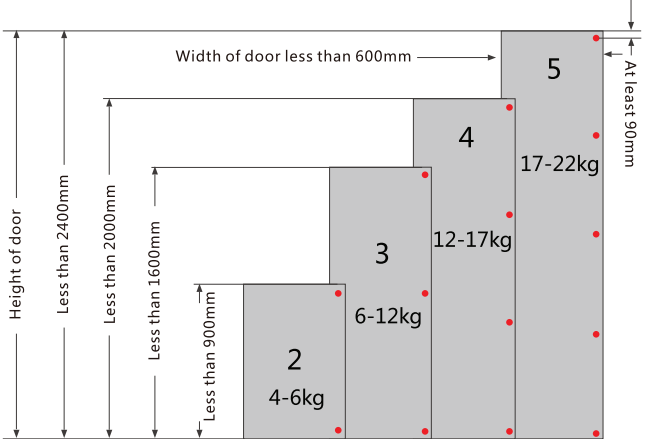


Depth adjustment
Rotate depth screw to adjust leaf gap.
Adjust range: -1.9mm, +1.9mm.



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



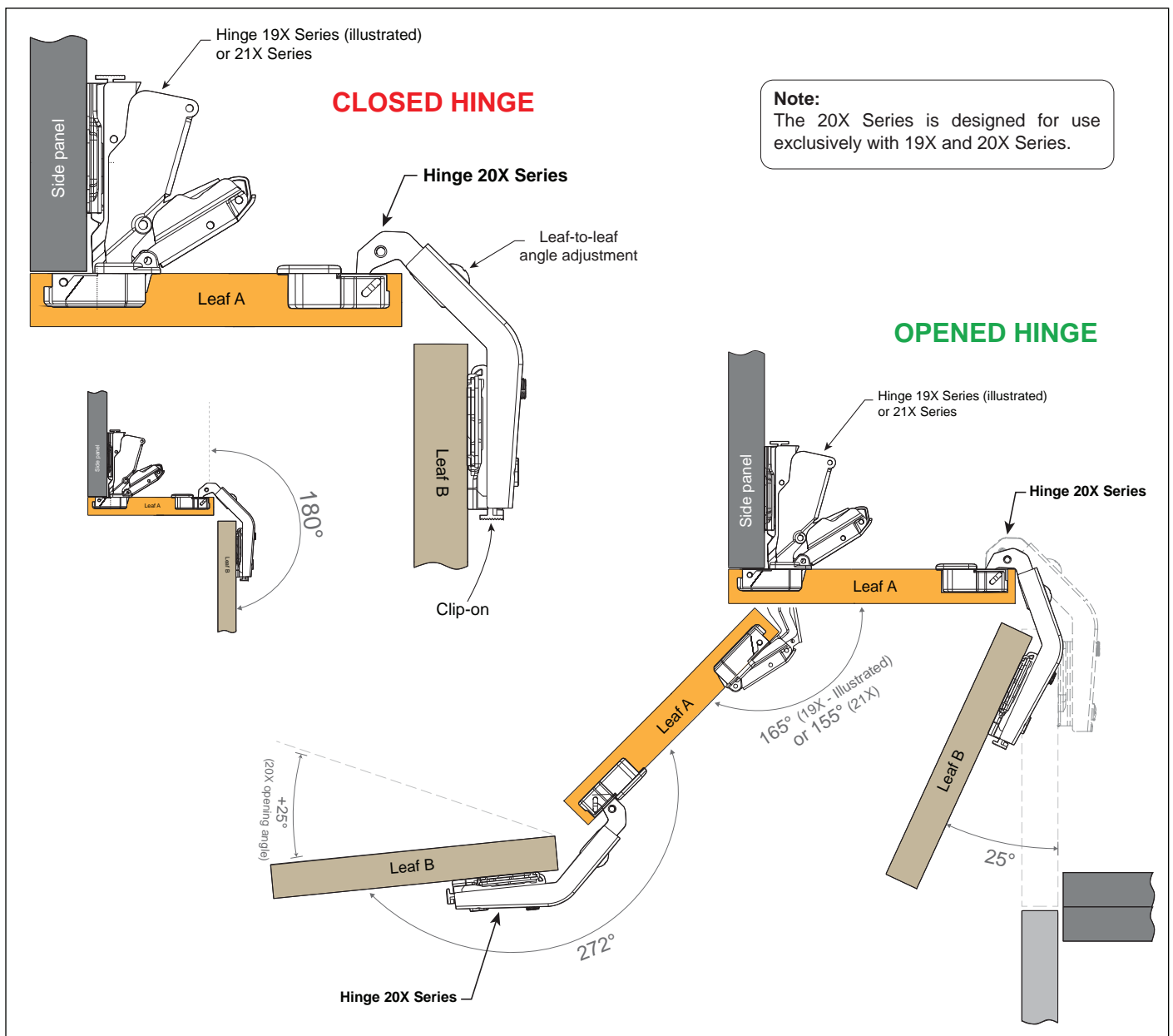
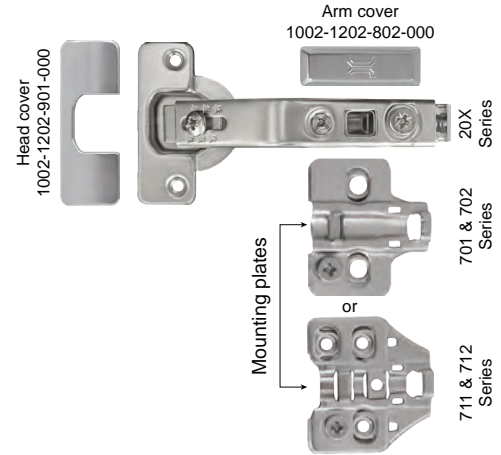
Width of door less than 600mm
 Height of door: Less than 2400mm, Less than 2000mm, Less than 1600mm, Less than 900mm
 Hinges: 2 (4-6kg), 3 (6-12kg), 4 (12-17kg), 5 (17-22kg)
 At least 90mm

ITEM CODE: 1002-1202-20X SERIES

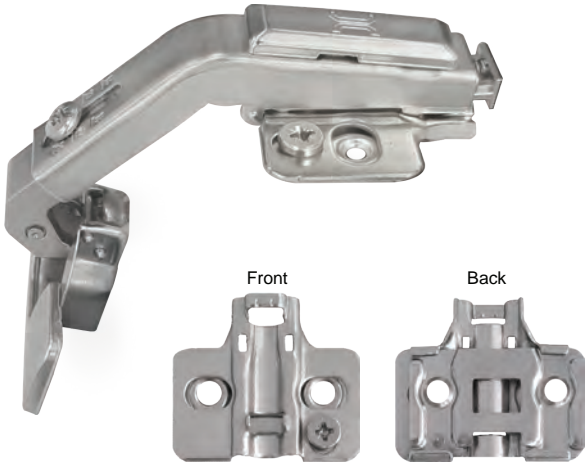
CLIP-ON CABINET HINGE, CLOSED ANGLE: +180° | OPENING ANGLE: 105°(±3)

Features:

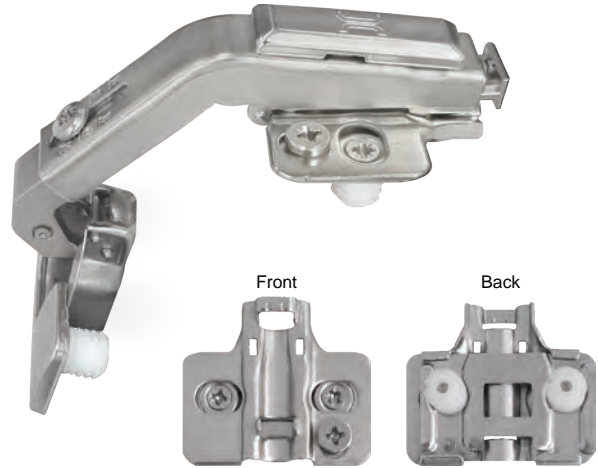
- For leaf thickness 14-22 mm.
- **+180°** angled hinge, opening angle 25°.
- Engineered for use with bi-fold door applications.
- Unsprung hinge.
- Base material: Cold rolled steel cup & arm.
- Finishes: - Copper (CU) & nickel plated.
- Optional: Copper (CU) & matt black plated.
- Tool-free (Clip-on) 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.



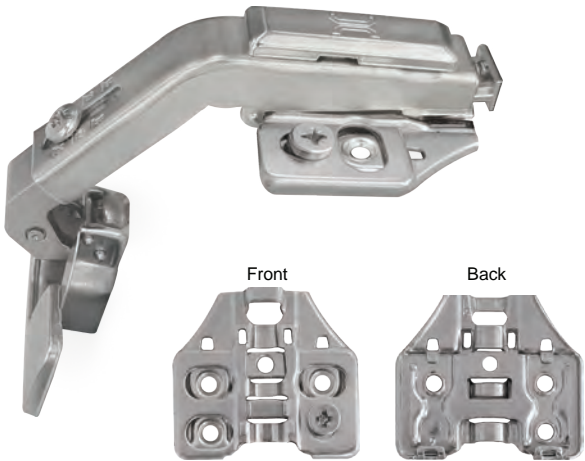
Cabinet hinge 20X Series with mounting plate 701 Series



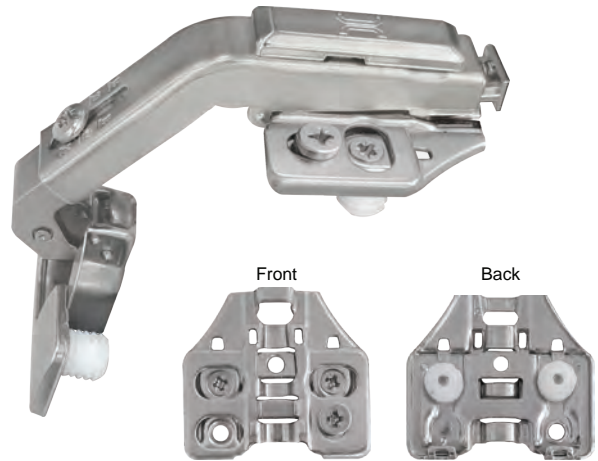
Cabinet hinge 20X Series with mounting plate 702 Series (with dowel)



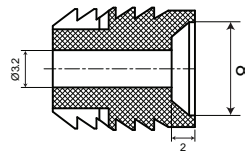
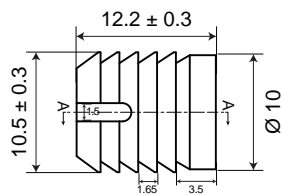
Cabinet hinge 20X Series with mounting plate 711 Series



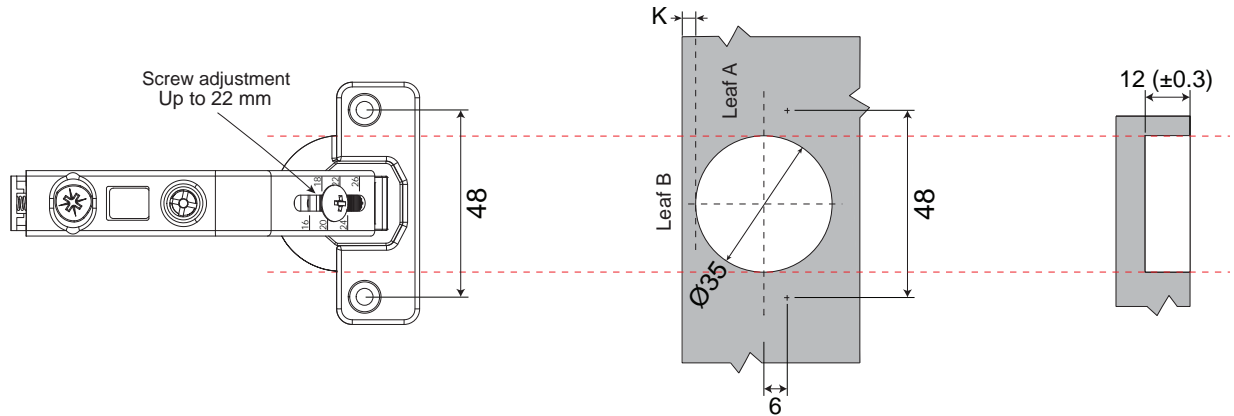
Cabinet hinge 20X Series with mounting plate 712 Series (with dowel)



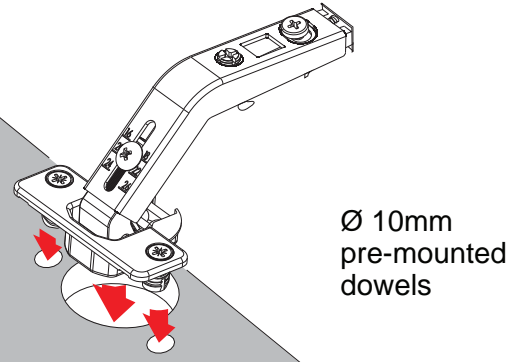
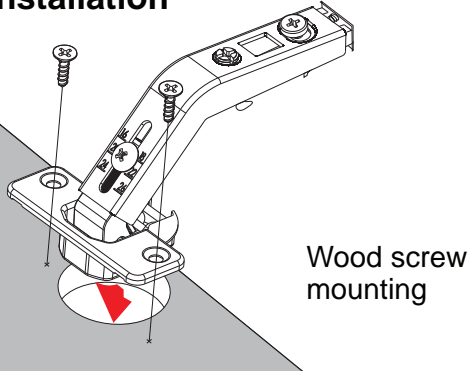
Dowel dimensions
Ø 10 mm



Drilling pattern for cup fixing

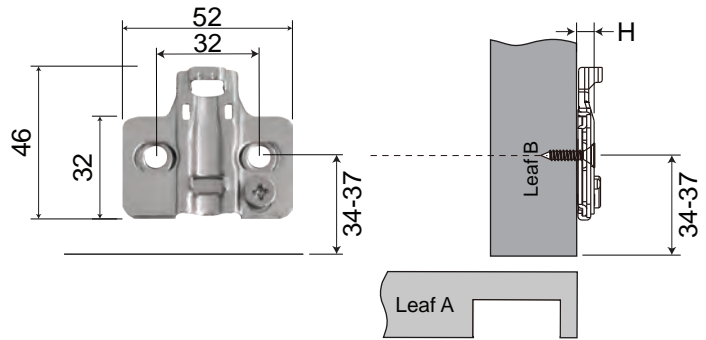


Cup Installation



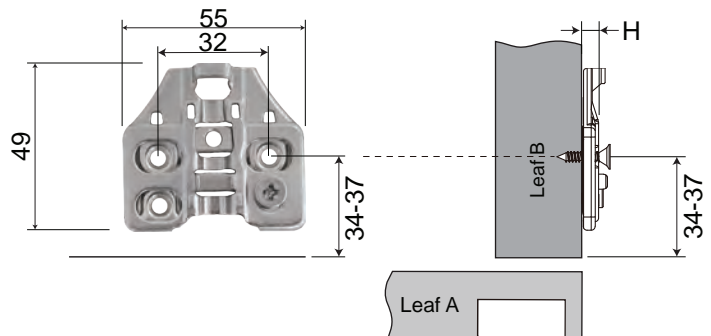
Mounting plates features:

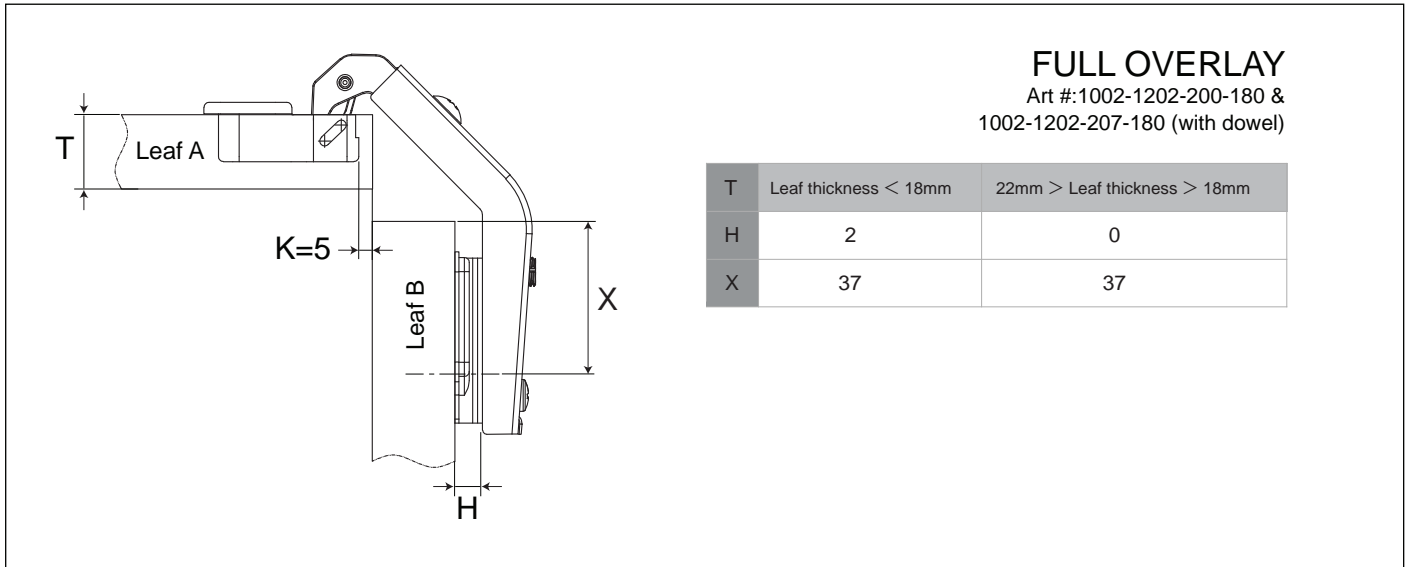
- Wood screw: Ø 4*15.5 mm.
- Fixing screw drilling space: 32 mm.
- To leaf B edge: 34 mm to 37 mm.
- Adjustment range: -1.9 mm, +1.9 mm.
- Base material: Cold rolled steel.
- Finishes: - Copper (CU) & nickel plated.
- Optional: Copper (CU) & matt black plated.
- Height:
H0: 1002-1202-701-000 | 1002-1202-702-000 (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: Ø 4*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)





Hinge adjustment

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

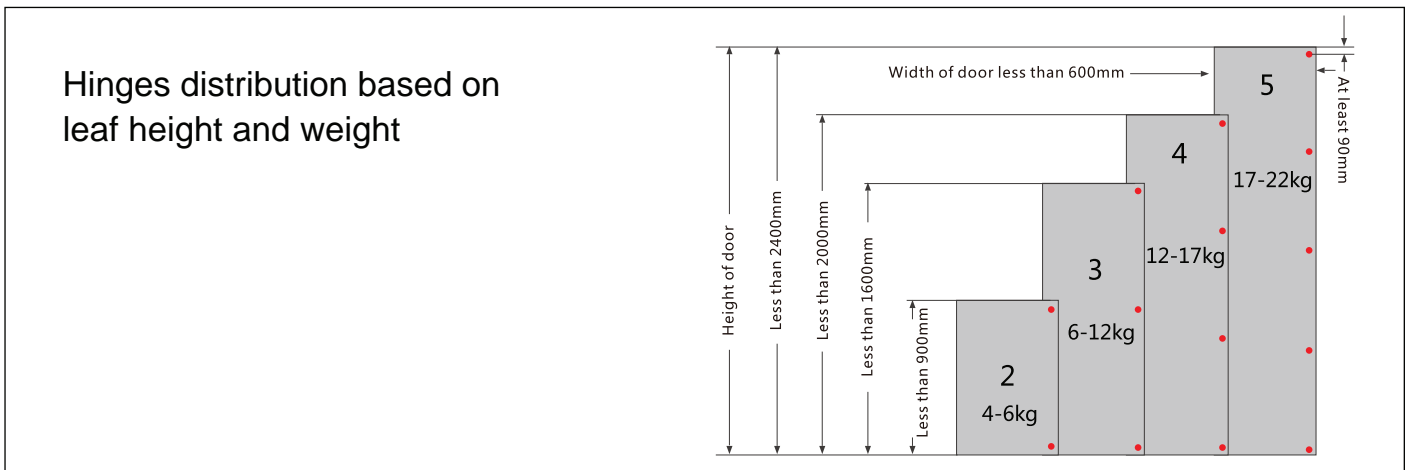
Overlay adjustment
Rotate lateral screw to increase or decrease leaf overlay.
Adjust range: -2.5mm, +2.5mm.

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.



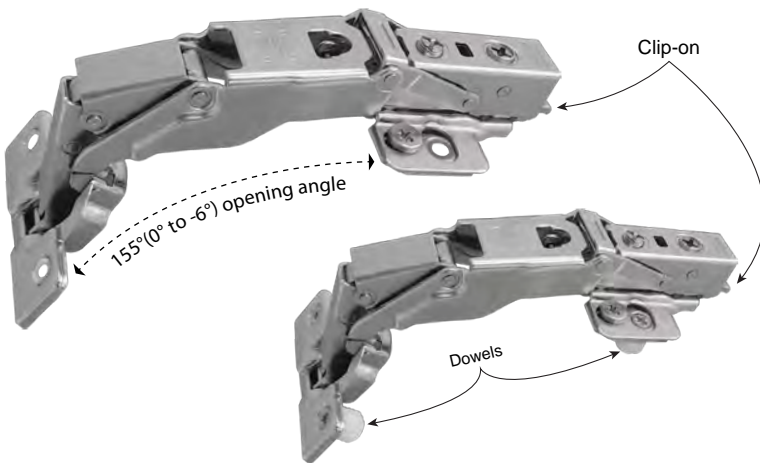
ITEM CODE: 1002-1202-21X SERIES

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



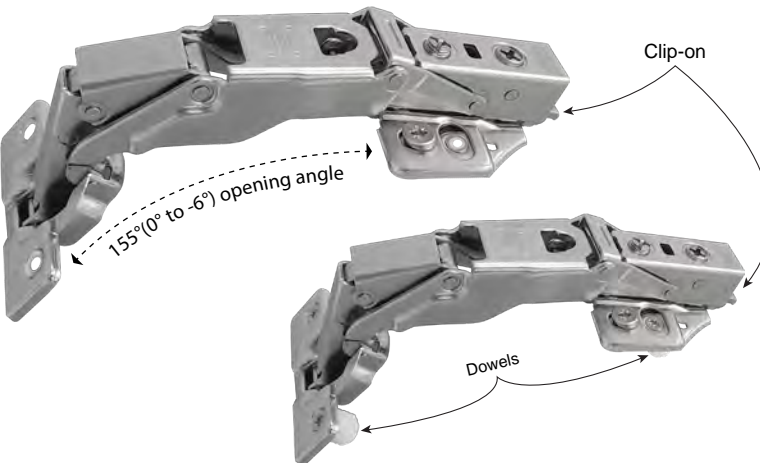
Illustrated mounting plate 701 Series



Illustrated mounting plate 702 Series (with dowel)



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



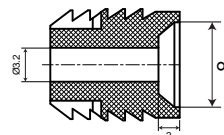
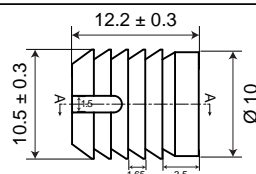
Illustrated mounting plate 711 Series



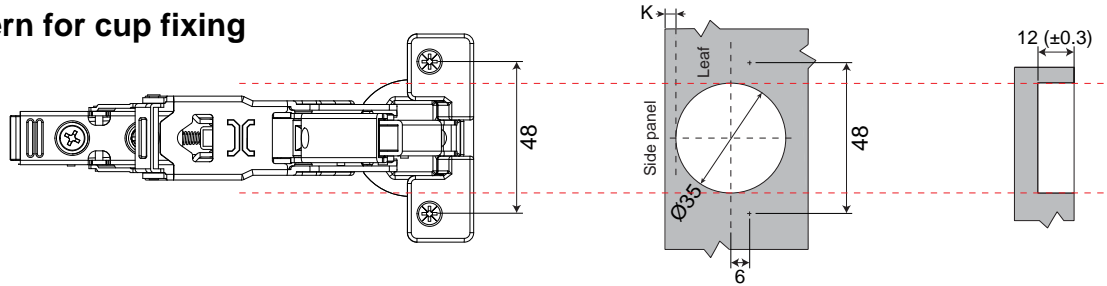
Illustrated mounting plate 712 Series (with dowel)



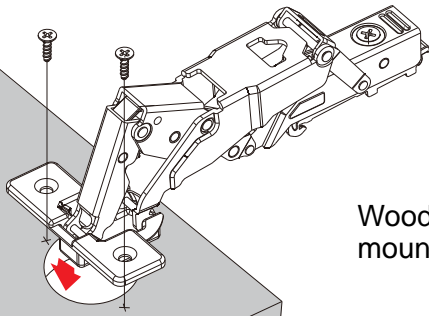
Dowel dimensions
Ø 10 mm



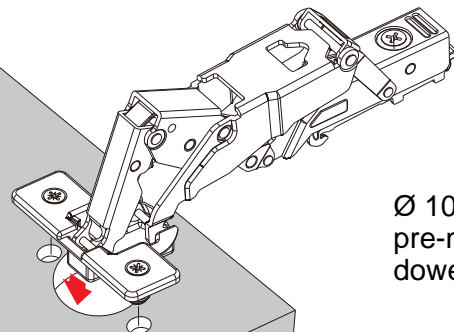
Drilling pattern for cup fixing



Cup Installation

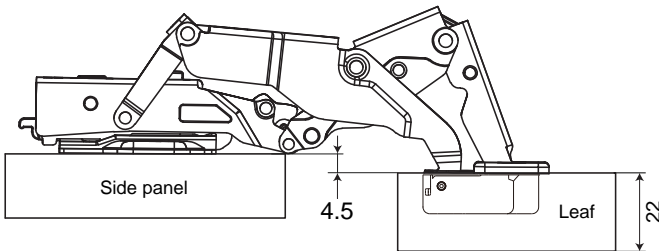


Wood screw mounting

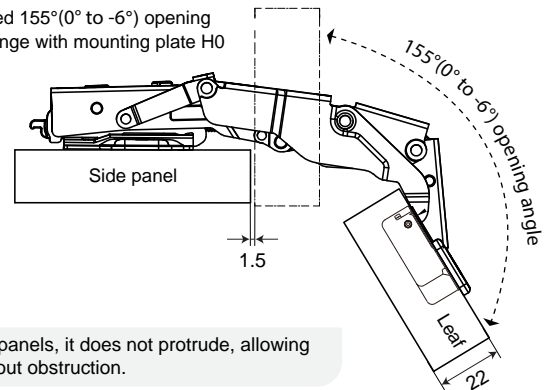


Ø 10mm pre-mounted dowels

Illustrated 90° opening angle hinge with mounting plate H0



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

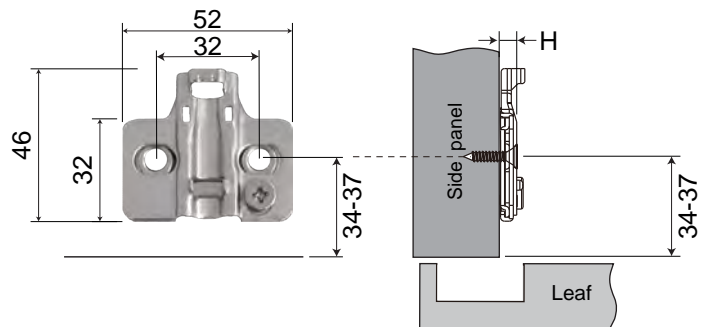


Zero Protrusion: When the leaf is opened parallel to the side panels, it does not protrude, allowing access to any pull baskets or drawers inside the cabinet without obstruction.

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:

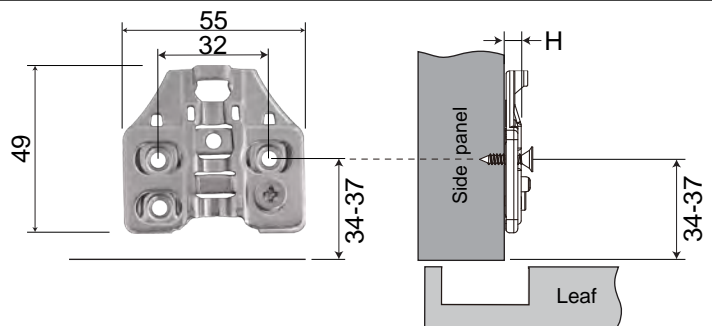
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)

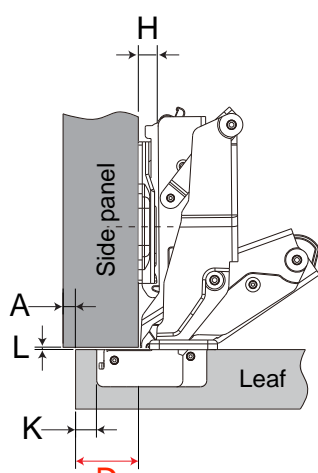


Mounting plates features:

- 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)

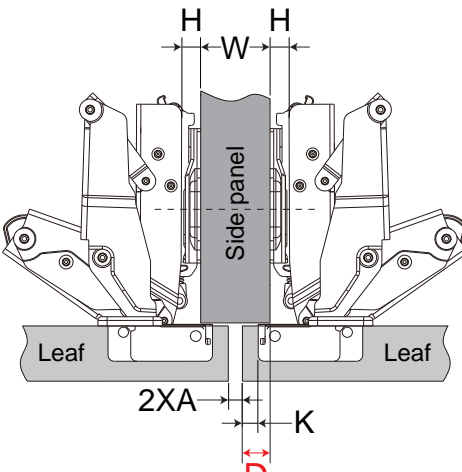




FULL OVERLAY
 Art #:1002-1202-211-155 &
 1002-1202-214-155 (with dowel)

H= 14+K-D

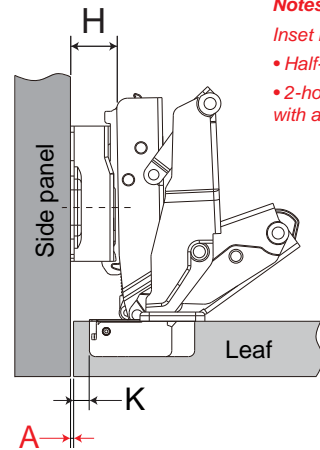
D \ H	K	3	4	5	6	7
0		17	18	19	20	21
2		15	16	17	18	19
4		13	14	15	16	17



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

H= 4+K-D

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



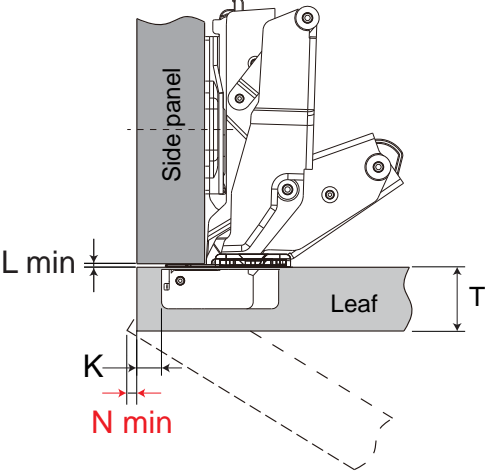
INSET
 Art #:1002-1202-212-155 &
 1002-1202-215-155 (with dowel)
with mounting plate:
 Art #: 1002-1202-741-009 &
 1002-1202-742-009 (with dowel)

H= 0+K+A

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

Notes:
 Inset hinge requires:
 • Half-overlay hinge.
 • 2-hole mounting plate with a height of 9 (H9).

Minimum reveal table

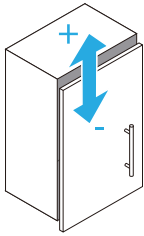


N	K	T	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.1	1.5	2.0	2.5	3.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.3	1.8	2.3	2.9	3.5	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.5	2.1	2.7	3.5	4.4	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.9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

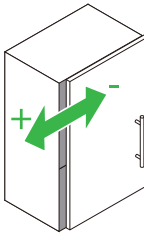
K= Boring distance
T= Leaf thickness
N= Minimum gap
L= Gap between leaf & side panel

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.

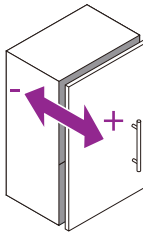
Hinge adjustment



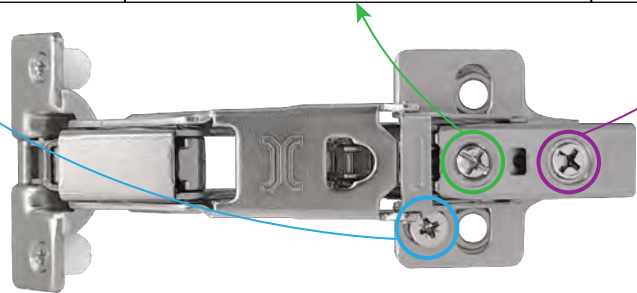
Height adjustment
Adjust the mounting plate on panel to adjust the leaf's height.
Adjust range: -1.9mm, +1.9mm.



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



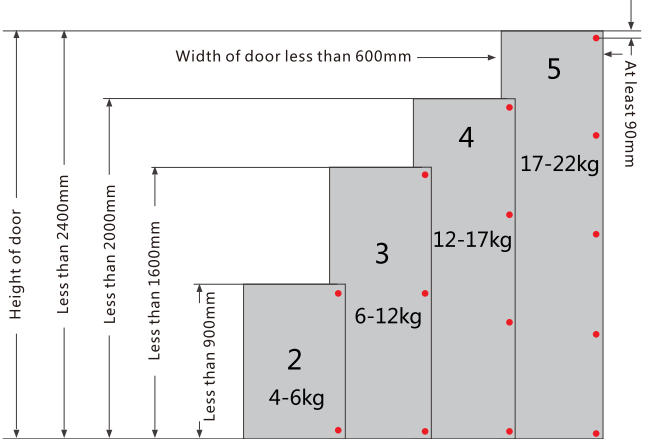
Depth adjustment
Rotate depth screw to adjust leaf gap.
Adjust range: -3mm, +3mm.



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

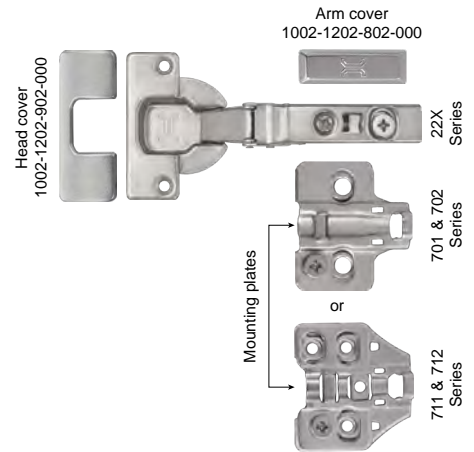


Width of door less than 600mm
 Height of door: Less than 2400mm, Less than 2000mm, Less than 1600mm, Less than 900mm
 Weight: 4-6kg, 6-12kg, 12-17kg, 17-22kg
 At least 90mm

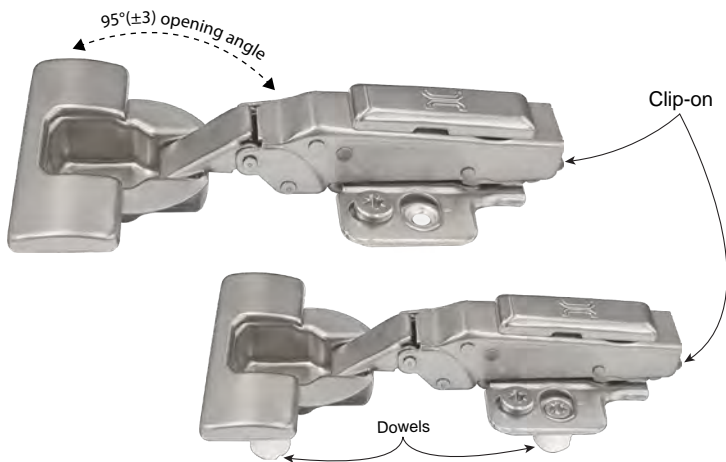
ITEM CODE: 1002-1202-22X SERIES
CLIP-ON CABINET HINGE, OPENING ANGLE: 95° (±3)

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



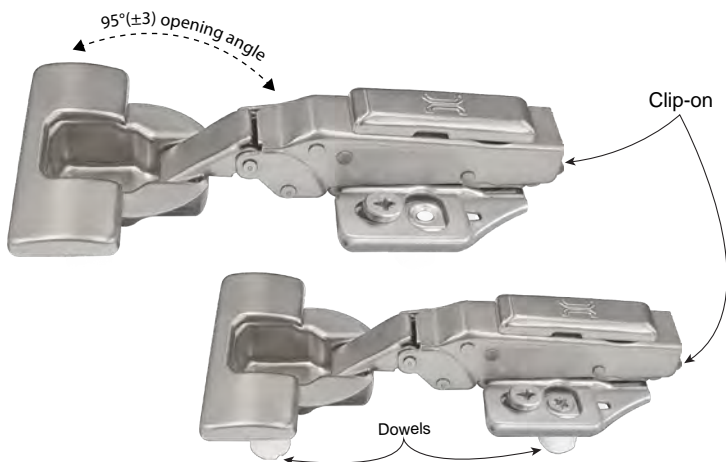
Illustrated mounting plate 701 Series



Illustrated mounting plate 702 Series (with dowel)



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



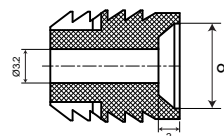
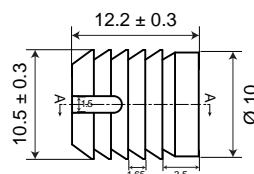
Illustrated mounting plate 711 Series



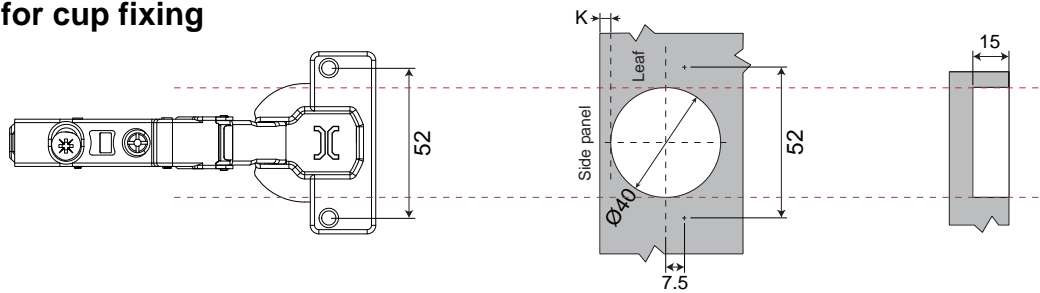
Illustrated mounting plate 712 Series (with dowel)



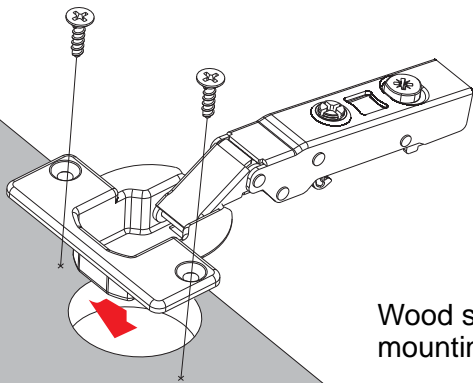
Dowel dimensions
 Ø 10 mm



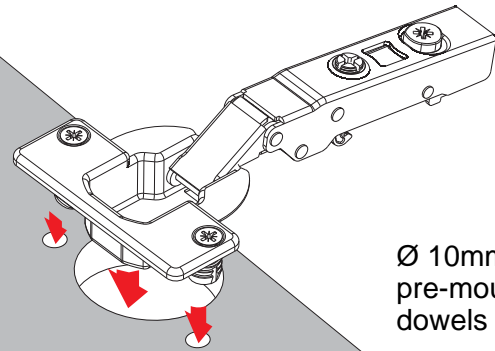
Drilling pattern for cup fixing



Cup installation



Wood screw
mounting

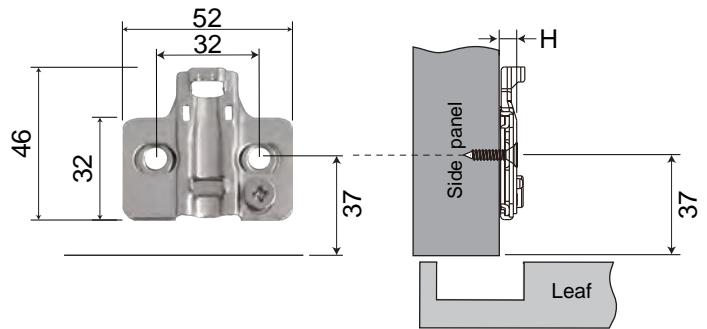


Ø 10mm
pre-mounted
dowels

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:

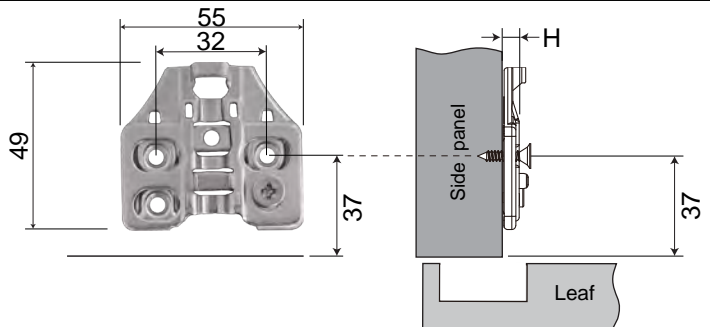
H0: 1002-1202-701-000		1002-1202-702-000 (with dowel)
H2: 1002-1202-701-002		1002-1202-702-002 (with dowel)
H4: 1002-1202-701-004		1002-1202-702-004 (with dowel)



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)



Technical drawing of Full Overlay door hinge. Dimensions shown: H (height of side panel), 37 (height of leaf), L (leaf thickness), K (hinge offset), D (hinge depth), and T (leaf thickness).

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	

Technical drawing of Half Overlay door hinge. Dimensions shown: H (height of side panel), W (width of side panel), 37 (height of leaf), 2XA (leaf thickness), K (hinge offset), D (hinge depth), and T (leaf thickness).

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	

Technical drawing of Inset door hinge. Dimensions shown: H (height of side panel), 37+T (height of leaf), K (hinge offset), A (hinge depth), and T (leaf thickness).

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

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Page: 69

Minimum reveal table

N	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	

N	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	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	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	

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: -2.4mm, +2.4mm.

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

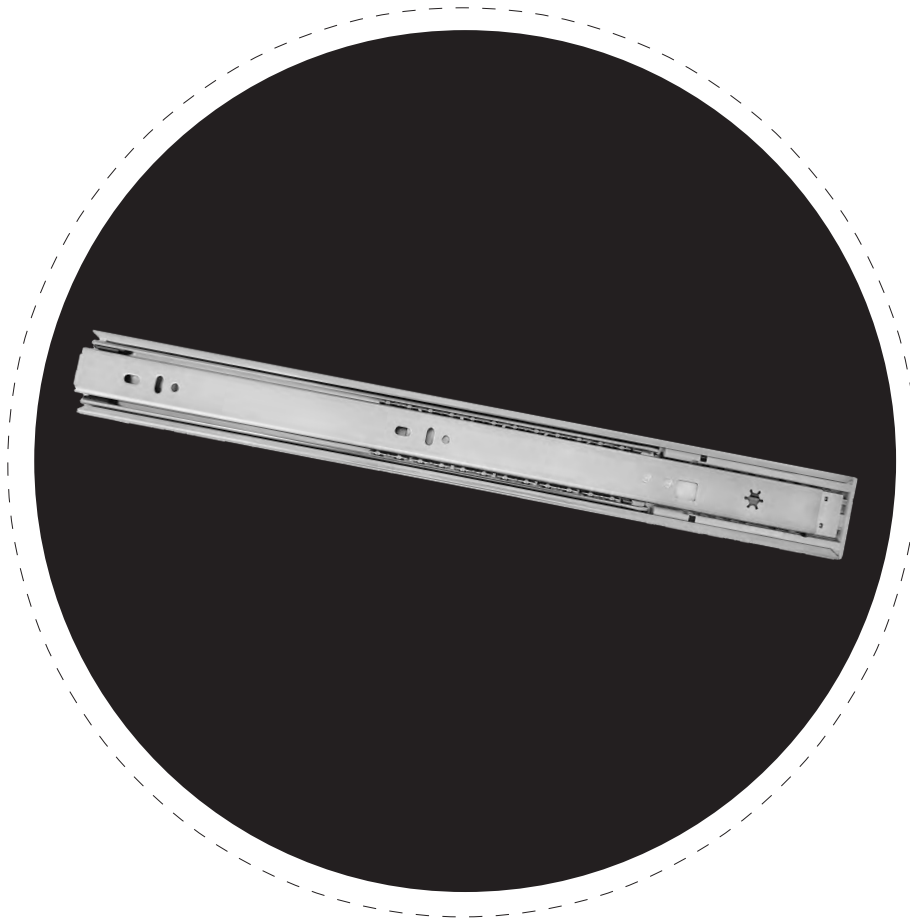
Height of door:
 - Less than 2400mm
 - Less than 2000mm
 - Less than 1600mm
 - Less than 900mm

Width of door less than 600mm

Hinge Distribution:
 - Hinge 2: 7-13kg
 - Hinge 3: 13-22kg
 - Hinge 4: 16-27kg
 - Hinge 5: 20-33kg

At least 90mm

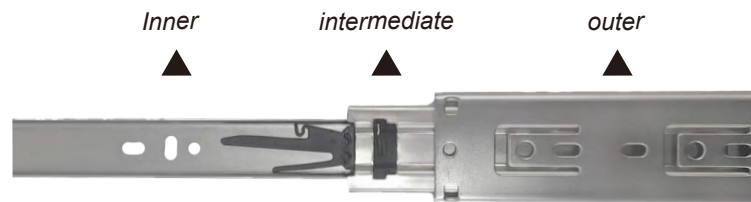
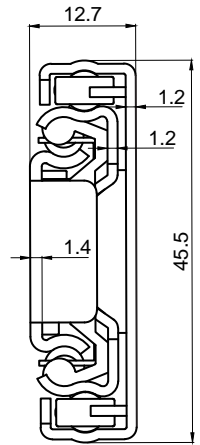
BALL BEARING SLIDES



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

Features:

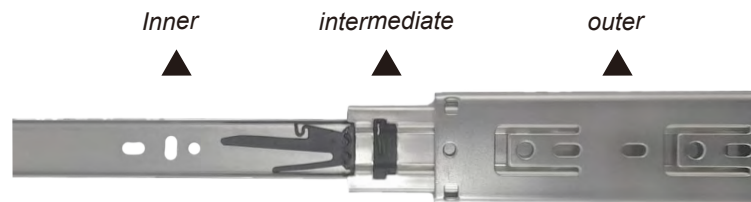
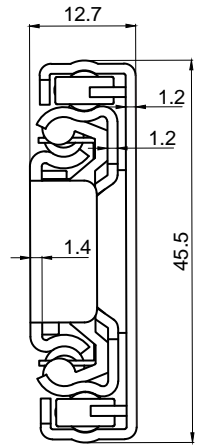
- Extension: Full-extension with soft-close mechanism.
- Mounting type: Side-mounted.
- Profile height: 45.5 mm.
- Side space allowance: 13-13.5 mm.
- Material thickness: 1.2/1.2/1.4mm.
- Load/weight capacity: 35 kgs (450 mm) per set.
- Length range: 300 mm (12") to 600 mm (24").
- Release mechanism: 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#: 1001-1201-003 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.

