

Inward Opening Cabinet Door

Planning information



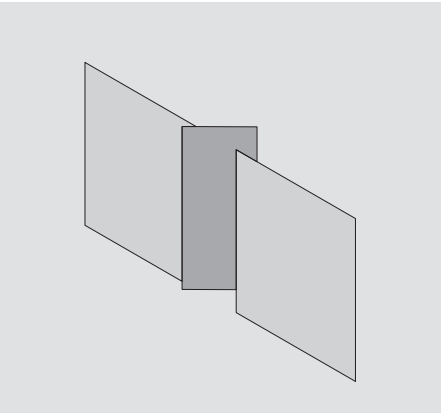


Product



- CLIP top BLUMOTION with integrated soft-close mechanism
- Suitable for the construction of cabinets with inward-opening doors
- For door widths up to 900 mm (35")
- 3-dimensional front adjustment
- Convenient cam screw side adjustment
- Tool-free assembly and removal of the front
- Tool-free hinge to door assembly with INSERTA
- Hinge cup mounts to the side panel instead of door

Application



Ordering Information

Full-ported hinge			
	CLIP top BLUMOTION		
		Color	
	Screw-on	NI ONS	71B3750
	Press-in	NI	71B3780
	INSERTA	NI ONS	71B3790

Full-ported hinge			
	CLIP top		
		Color	
	Screw-on	NI	71T3750
	Press-in	NI	71T3780
	INSERTA	NI	71T3790

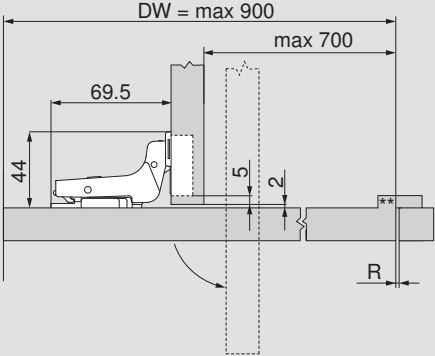
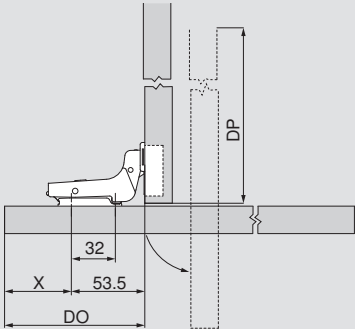
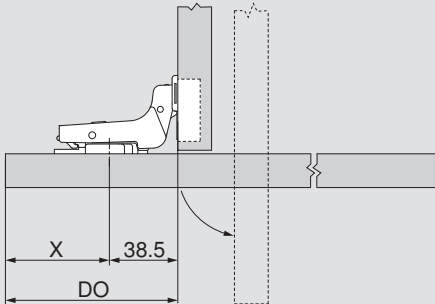
Hinge cup cover cap		
	<ul style="list-style-type: none">– Suitable for screw-on and press-in hinge cups– Clip on attachment/removal	
		Color
Hinge cup cover cap	NI ONS	70T3504

Hinge arm cover cap		
	<ul style="list-style-type: none">– For use with full-ported arm	
		Color
Hinge arm cover cap	NI ONS	70.1663




Installation screw	
	<ul style="list-style-type: none">– #6 x 5/8, Phillips & POZI– For attaching screw-on hinge cups
Installation screw	606N or 606P

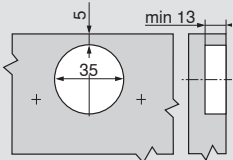
NI Nickel plated
ONS Onyx black

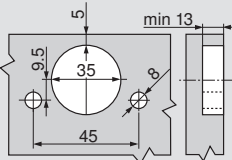
Planning

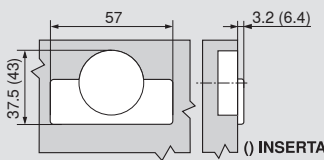
Inward-opening cabinet door	
	<p>Hinge dimensions based on factory setting (mounting plate spacing = 0)</p> <p>R Due to the size of the door, we recommend a min 2 mm reveal on all four sides.</p> <p>** We recommend attaching a door stop to the side opposite the hinges when implementing an inward door. This ensures that the door cannot be misused and opened outwards.</p>
Mounting position for in-line mounting plates	Mounting position for wing mounting plates
	
$X = DO - 53.5 \text{ mm}$	$X = DO - 38.5 \text{ mm}$
$DP = DW - DO - 3$	
DO Door Overhang	DW Door width
DP Door protrusion	

Number of hinges
— Door weight up to 50 lbs: 5 hinges
— Door weight up to 60 lbs: 6 hinges
— Door weight up to 70 lbs: 7 hinges
Application is tested with 80,000 opening and closing cycles.

Adjustment	
	max. $\pm 3 \text{ mm}$ See mounting plates
	$+ 3 \text{ mm}$ $- 2 \text{ mm}$
	$\pm 2 \text{ mm}$

Screw-on


INSERTA


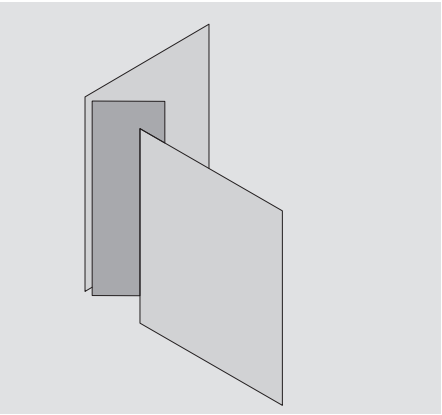
Hinge cup dimensions


Product



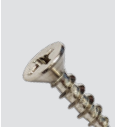
- COMPACT BLUMOTION with soft closing mechanism
- Suitable for the construction of cabinets with inward-opening doors
- One-piece hinge including mounting plate
- For door widths up to 800 mm (31")
- Two-dimensional front adjustment


Application



Ordering Information

Screw-on hinge		
	COMPACT BLUMOTION	
	Screw-on	38B355BF22
	Press-in	38B358BF22

Installation screw	
	— #6 x 5/8, Phillips & POZI
	— For attaching hinge cup
Installation screw	606N or 606P

Deep thread wood screw	
	— #7 x 3/4", #2 Phillips
	— For attaching hinge to side panel
Installation screw	7074N

Planning

Inward-opening cabinet door

Hinge dimensions and gap calculation based on factory setting
* prevent collision

R Due to the size of the door, we recommend a min 2 mm reveal on all four sides.

** A door stop will be needed for this application. Attach a door stop to the side opposite the hinges when implementing an inward door. This ensures that the door cannot be misused and opened outwards.

Inward-opening cabinet door

$DP = DW - 48$

DW Door width
DP Door protrusion
R Reveal

Number of hinges

- Door weight up to 50 lbs: 5 hinges
- Door weight up to 60 lbs: 6 hinges
- Door weight up to 70 lbs: 7 hinges

Application is tested with 80,000 opening and closing cycles.

Boring pattern

Hinge cup dimensions

Adjustment

max. ± 2 mm

± 1.6 mm

A full-page photograph of a modern kitchen and dining area. In the foreground, a young girl with blonde hair, wearing a white t-shirt with blue floral patterns and grey pants, sits on a black metal stool with a wooden seat. She is looking towards the kitchen island. The kitchen island has a light-colored wooden countertop and white cabinetry. A man in a striped t-shirt and blue pants is standing at the end of the island, smiling and cooking. He is holding a small pot. The island has various kitchen items on it, including a blue pitcher, a bowl, and some jars. A drawer is open, showing organized kitchenware. In the background, there is a dining table with a wooden top and black chairs. The room has large windows with black frames, letting in bright sunlight. The floor is made of light-colored wood in a herringbone pattern. The ceiling has several black cylindrical pendant lights. The overall atmosphere is warm and inviting.

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