

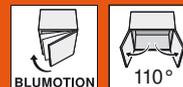


# CLIP top BLUMOTION 110°

Technical data sheet

# CLIP top BLUMOTION

110° hinge



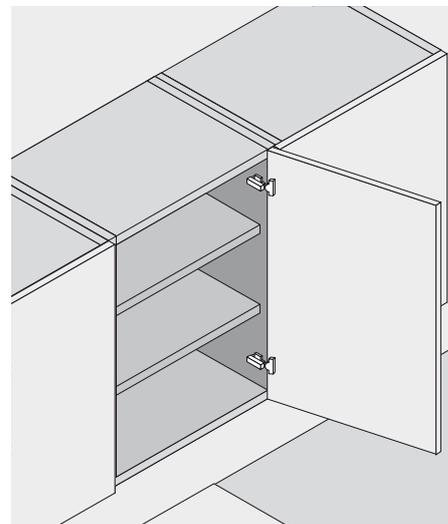
## Product



## Description

- All metal hinge, nickel plated
- 110° opening angle
- With **integrated BLUMOTION**
- With **BLUMOTION deactivation**
- with convenient spiral-tech depth adjustment
- Compatible with existing mounting plates
- With closing mechanism (spring)
- Tool-free door to cabinet assembly and removal
- 3-dimensional adjustment (with relevant mounting plate)
- With **INSERTA** tool-free boss assembly

## Application



## Order specification

<b>Overlay application</b>			
	Boss <b>INSERTA</b>	Part No.	
Steel boss with spring		71B3590	

<b>Dual application</b>			
	Boss <b>INSERTA</b>	Part No.	
Steel boss with spring		71B3690	

<b>Inset application</b>			
	Boss <b>INSERTA</b>	Part No.	
Steel boss with spring		71B3790	

	Boss <b>Screw-on</b>		
Steel boss with spring		71B3550	

	Boss <b>Screw-on</b>		
Steel boss with spring		71B3650	

	Boss <b>Screw-on</b>		
Steel boss with spring		71B3750	

	Boss <b>Knock-in</b>		MZM.0040
Steel boss with spring		71B3580	

	Boss <b>Knock-in</b>		MZM.0040
Steel boss with spring		71B3680	

	Boss <b>Knock-in</b>		MZM.0040
Steel boss with spring		71B3780	

	Boss <b>EXPANDO</b>		
Steel boss with spring		71B358E	

	Boss <b>EXPANDO</b>		
Steel boss with spring		71B368E	

	Boss <b>EXPANDO</b>		
Steel boss with spring		71B378E	

	<b>Cover caps</b>	
	Steel	Nickel plated
Plain		70.1503
Stamped	Blum	70.1503.BP

	<b>Cover caps</b>	
	Steel	Nickel plated
Plain		70.1663
Screen print	Blum	70.1663.BL

	<b>Cover caps</b>	
	Steel	Nickel plated
Plain		70.1663
Screen print	Blum	70.1663.BL

## Accessories

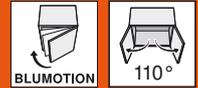
	<b>Chipboard screws for hinge boss fixing</b>	
3.5 x 15 mm		609.1500
3.5 x 17 mm		609.1700

	<b>Boss cover cap for screw-on, knock-in and EXPANDO bosses</b>	
Steel	Nickel plated	70T3504

	<b>Opening angle stop 86°</b>	
Nylon		70T3553

# CLIP top BLUMOTION

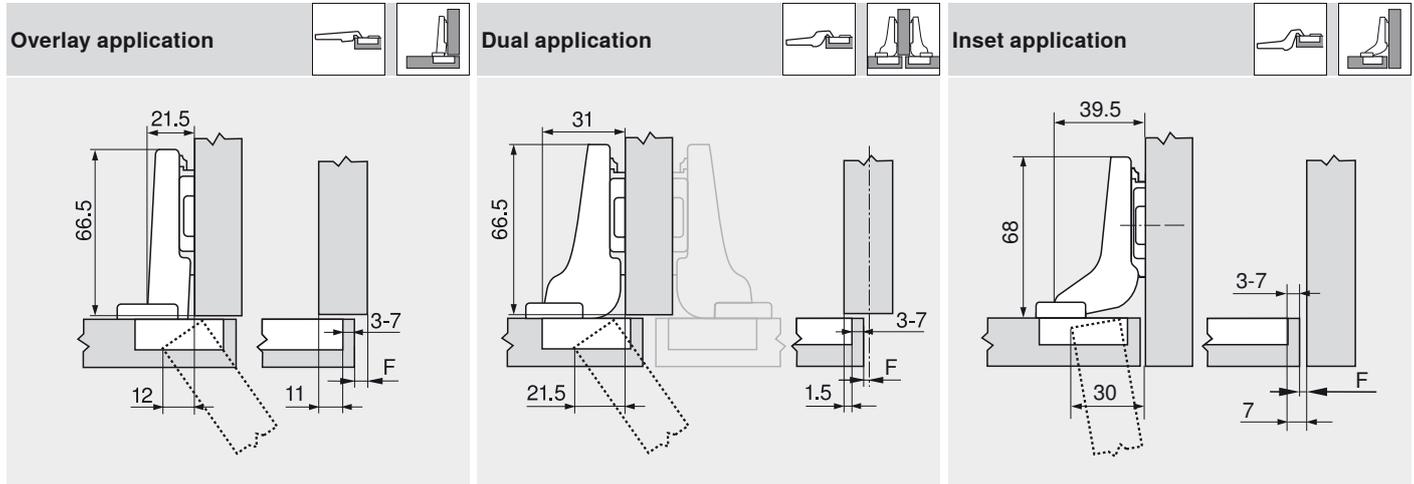
## 110° hinge



### Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)

Hinge and door protrusion at full opening angle



F Gap

Set mounting plate fixing position back by door thickness + 1.5 mm

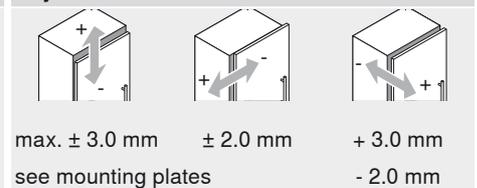
### Drilling distance

	Front overlay																																																					
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Front overlay																																							
																			-4.5	-3.5	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	Front overlay																					
0																																																						
3																																																						
6																																																						
9																																																						
↑	Mounting plate																		Mounting plate																		Mounting plate																	

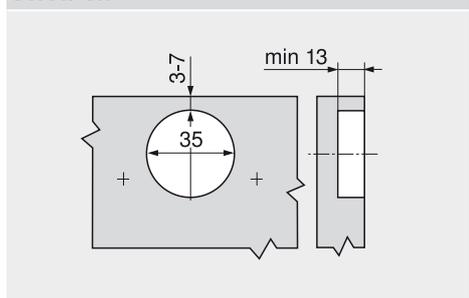
### Minimum gap for doors with radiused edges (R = 1 mm) based on factory setting

Drilling distance	Door thickness												A trial application is recommended
	16	18	19	20	21	22	23	24	25	26	28	30	
3	0.5	0.8	1.0	1.2	1.5	1.8	2.2	2.7	3.5	4.3			
4	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.5	3.1	3.8			
5	0.5	0.8	0.9	1.2	1.4	1.7	2.0	2.4	2.9	3.4			
6	0.5	0.8	0.9	1.2	1.3	1.6	1.9	2.3	2.7	3.2			
7	0.5	0.8	0.9	1.1	1.3	1.6	1.9	2.2	2.6	3.0			
Additional at + 2 mm side adjustment													
	+0.2	+0.4	+0.4	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5			

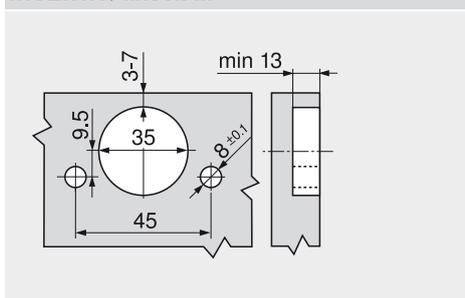
### Adjustments



### Screw-on



### INSERTA / knock-in



### Hinge boss dimensions

