



There are many reasons to choose hinges from Blum: High quality, durability, easy assembly, comprehensive programme, variety of special solutions, attractive design and BLUMOTION, for silent and effortless closing of furniture doors. With all these features: your needs are sure to be met by Blum products.

- BLUMOTION for silent and effortless closing of furniture doors
- TIP-ON for handle-less furniture doors
- Multiple international awards for design excellence
- Easy assembly and removal using the proven CLIP mechanism
- An extensive hinge programme that offers the right solution for any application



CLIP top – hinges

This flagship product in the Blum hinge programme combines proven function with perfect motion, easy setup and assembly as well as an attractive design



BLUMOTION for doors

BLUMOTION closes furniture doors, silently and effortlessly, even when closed with force



TIP-ON for doors

Handle-less furniture is becoming more and more popular in the living area. With TIP-ON, we offer a mechanical opening support system for handle-less furniture doors

CLIP top – hinge system

Overview



► CLIP top – hinges

78



Symbol photo

- Standard door
- 0-protrusion hinge
- Profile/thick door
- Blind corner
- Aluminium frame door
- CRISTALLO
- Glass door
- Mini
- Bi-fold door
- Angled hinges



► BLUMOTION for doors

166



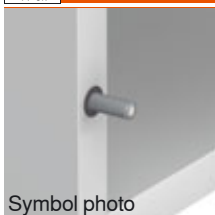
Symbol photo

- BLUMOTION 973A for CLIP top/CLIP-hinges
- BLUMOTION 971A in an adapter plate, hinge side
- BLUMOTION 970A for drilling, hinge side
- BLUMOTION 970. for drilling, handle side



► TIP-ON for doors

182



Symbol photo

- TIP-ON 955. – for drilling – standard version
- TIP-ON 955A – for drilling – long version

CLIP top – hinge system

- CLIP top – hinges
- CLIP 100°-hinge



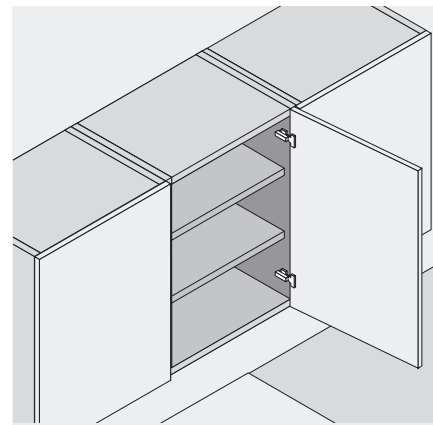
Product



Description

- All metal hinge, nickel plated
- 100° opening angle
- With or without closing mechanism (spring)
- Tool-free door to cabinet assembly and removal
- 3-dimensional adjustment (with relevant mounting plate)
- With **INSERTA** tool free hinge to door assembly

Application



Ordering information

Overlay application		
Boss INSERTA Part no.		
Steel boss	with spring	71M2590B

Dual application		
Boss INSERTA Part no.		
Steel boss	with spring	71M2690B

Inset application		
Boss INSERTA Part no.		
Steel boss	with spring	71M2790B

	Boss Screw-on	
Steel boss	with spring	71M2550
Steel boss	unsprung	70M2550.TL

	Boss Screw-on	
Steel boss	with spring	71M2650
Steel boss	unsprung	70M2650.TL

	Boss Screw-on	
Steel boss	with spring	71M2750
Steel boss	unsprung	70M2750.TL

	Boss Knock-in MZM.0011	
Steel boss	with spring	71M2580
Steel boss	unsprung	70M2580.TL

	Boss Knock-in MZM.0011	
Steel boss	with spring	71M2680
Steel boss	unsprung	70M2680.TL

	Boss Knock-in MZM.0011	
Steel boss	with spring	71M2780
Steel boss	unsprung	70M2780.TL

BLUMOTION 973A		
		973A0500.01
Detailed information		170

BLUMOTION 973A		
		973A0600
Detailed information		170

BLUMOTION 973A		
		973A0700
Detailed information		170

Cover caps		
	Steel	nickel plated
plain		90M2503
stamped	Blum	90M2503.BP
No cover cap is required when using BLUMOTION 973A.		

Cover caps		
	Steel	nickel plated
plain		94M3603
No cover cap is required when using BLUMOTION 973A.		

Cover caps		
	Steel	nickel plated
plain		94M3603
No cover cap is required when using BLUMOTION 973A.		

Accessories

	Chipboard screws for hinge boss fixing	
3.5 x 15 mm		609.1500
3.5 x 17 mm		609.1700

	TIP-ON for doors	
	For unsprung hinges	
Standard version		955.1004
Extended version		955A1004

Page instructions

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CLIP top – hinge system

► CLIP top – hinges

►► 170°-hinge



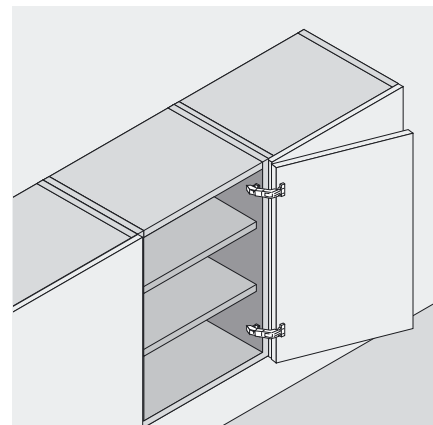
Product



Description

- All metal hinge, nickel plated
- 170° opening angle
- With convenient spiral-tech depth adjustment
- With or without closing mechanism (spring)
- Tool-free door to cabinet assembly and removal
- 3-dimensional adjustment (with relevant mounting plate)
- With **INSERTA** tool free hinge to door assembly

Application



Ordering information

Overlay application		

Boss INSERTA		
		Part no.
Zinc boss	with spring	71T6540B
Zinc boss	unsprung	70T6540B

Boss Screw-on		
Steel boss	with spring	71T6550
Steel boss	unsprung	70T6550

Boss Knock-in		
Steel boss	with spring	71T6580
Assembly with insertion ram only		

BLUMOTION 973A		
		973A6000
Detailed information		170

Cover caps		
	Steel	nickel plated
plain		80.6507
Screen print	Blum	80.6507.BL
No cover cap is required when using BLUMOTION 973A.		

Dual application		

Boss INSERTA		
		Part no.
Zinc boss	with spring	71T6640B
Zinc boss	unsprung	70T6640B

Boss Screw-on		
Steel boss	with spring	71T6650
Steel boss	unsprung	70T6650

Boss Knock-in		
Steel boss	with spring	71T6680
Assembly with insertion ram only		

BLUMOTION 973A		
		973A6000
Detailed information		170

Cover caps		
	Steel	nickel plated
plain		80.6507
Screen print	Blum	80.6507.BL
No cover cap is required when using BLUMOTION 973A.		

Inset application		

For inset application use hinges for twin application and a 9 mm spaced mounting plate

Warning:

If young children have access to furniture with wide angle hinges then the 155° opening 0-protrusion hinges should be used.

Accessories

Opening angle stop		
Nylon	black	70.6103

Chipboard screws for hinge boss fixing		
3.5 x 15 mm		609.1500
3.5 x 17 mm		609.1700

TIP-ON for doors		
For unsprung hinges		
Standard version		955.1004
Extended version		955A1004

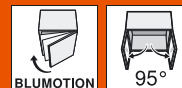
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CLIP top – hinge system

► CLIP top – hinges

►► 95°-aluminium frame door hinge for BLUMOTION



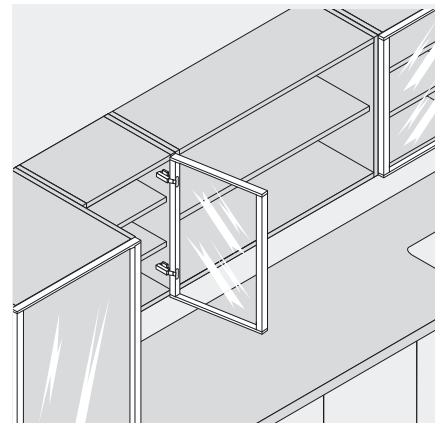
Product



Description

- Hinges for narrow aluminium frame doors with a new boss for **BLUMOTION 973A**
- 95° opening angle
- With convenient spiral-tech depth adjustment
- With closing mechanism (spring)
- Tool-free door to cabinet assembly and removal
- 3-dimensional adjustment (with relevant mounting plate)
- Boss fixing screws are included

Application



Ordering information

Overlay application		
	Boss Screw-on	Part no.
Zinc boss	with spring	71T950AB

BLUMOTION 973A		
		973A0500.01
Detailed information		170

Cover caps		
	Steel	nickel plated
plain		70.1563
Screen print	Blum	70.1563.BL
No cover cap is required when using BLUMOTION 973A.		

Dual application		
	Boss Screw-on	Part no.
Zinc boss	with spring	71T960AB

BLUMOTION 973A		
		973A0600
Detailed information		170

Cover caps		
	Steel	nickel plated
plain		70.1663
Screen print	Blum	70.1663.BL
No cover cap is required when using BLUMOTION 973A.		

Inset application		
	Boss Screw-on	Part no.
Zinc boss	with spring	71T970AB

BLUMOTION 973A		
		973A0700
Detailed information		170

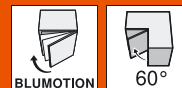
Cover caps		
	Steel	nickel plated
plain		70.1663
Screen print	Blum	70.1663.BL
No cover cap is required when using BLUMOTION 973A.		

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CLIP top – hinge system

► CLIP top – hinges

►► Corner cabinet bi-fold hinge



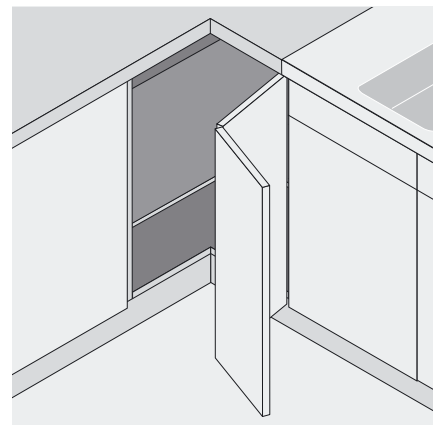
Product



Description

- All metal hinge, nickel plated
- Special hinge for corner cabinets with bi-fold doors
- 60° opening angle
- Easy gap and depth adjustment using the spiral-tech feature
- For door thicknesses from 15 to 23 mm, factory setting for 19 mm door thickness
- For use in combination with 170° hinge
- With closing mechanism (spring)
- Tool-free door to cabinet assembly and removal
- 3-dimensional adjustment (with relevant mounting plate)

Application



Ordering information

Basic applications		
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	Boss Screw-on	Part no.
Zinc boss	with spring	79T8500

	Boss Knock-in	MZM.0021
Zinc boss	with spring	79T8530

	BLUMOTION 970.
	970.1002
	Detailed information 176

	Cover caps
Steel	nickel plated
plain	70.1503
stamped	Blum 70.1503.BP

Also requires
CLIP top 170°-hinge
90

Accessories

	Chipboard screws for hinge boss fixing
3.5 x 15 mm	609.1500
3.5 x 17 mm	609.1700

Page instructions

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CLIP top – hinge system

► CLIP top – hinges

►► +30° II – angled hinge overlay



Product



Description

- All metal hinge, nickel plated
- +30° II angled hinge
- 95° opening angle
- With convenient spiral-tech depth adjustment
- With or without closing mechanism (spring)
- Tool-free door to cabinet assembly and removal
- 3-dimensional adjustment (with relevant mounting plate)
- With **INSERTA** tool free hinge to door assembly

Application

	25°	30°	35°
	Nº 20	Nº 21	Nº 22
	124	125	125
	Nº 50	Nº 51	Nº 52
	124	125	125
	Nº 5	Nº 6	Nº 7
	129	125	125
	Nº 40	Nº 41	Nº 42
	127	127	127
	Nº 57	Nº 58	Nº 59
	124	125	125
Overview – angled applications			81

Ordering information

	Boss	Part no.
	INSERTA	
Steel boss	with spring	79A9596BT1

	Boss	
	Screw-on	
Steel boss	with spring	79A9556.T1
Steel boss	unsprung	78A9556.T

	BLUMOTION 973A	
		973A7360
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Cover caps		
	Steel	nickel plated
plain		70.1563
Screen print	Blum	70.1563.BL
No cover cap is required when using BLUMOTION 973A.		

Accessories	
	Chipboard screws for hinge boss fixing
3.5 x 15 mm	609.1500
3.5 x 17 mm	609.1700

	Boss cover cap		
	Screw-on/knock-in hinges only		
Steel		nickel plated	70T1504

	TIP-ON for doors
	For unsprung hinges
Standard version	955.1004
Extended version	955A1004

Planning

Important:

These dimensions are based on a 19 mm thick door and cabinet. Dimensions would need to be altered if thickness varied from 19 mm. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

N° 20		48	N° 50		48	N° 57		45
25°			25°			25°		
min. 20			min. 20			min. 20		
Part no.			Part no.			Part no.		
Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500	Angled spacer	-5°	171A5500
Mounting plate	9 mm	175H7190	Mounting plate	0 mm	173H7100	Mounting plate	0 mm	173H7100

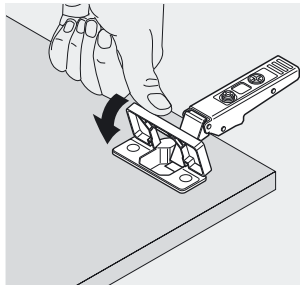
CLIP top – hinge system

► CLIP top – hinges

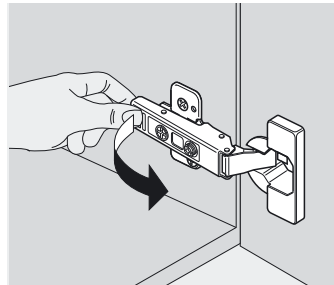
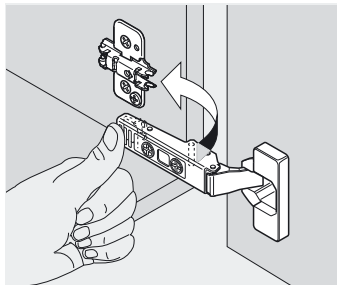
►► Assembly, removal and adjustment



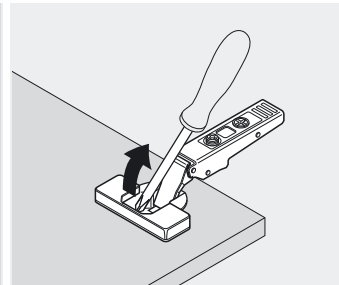
INSERTA



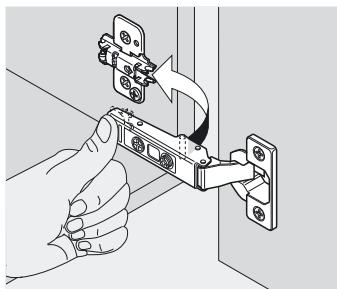
Assembly



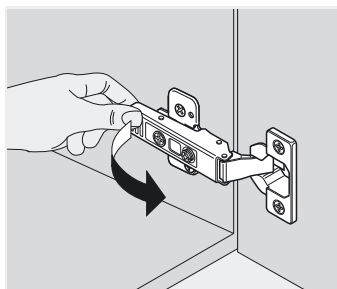
Removal



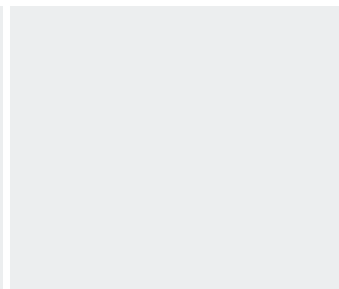
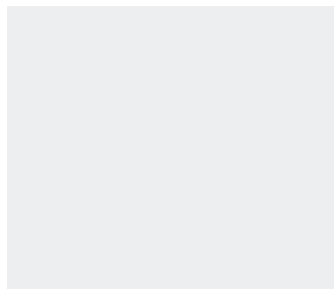
CLIP



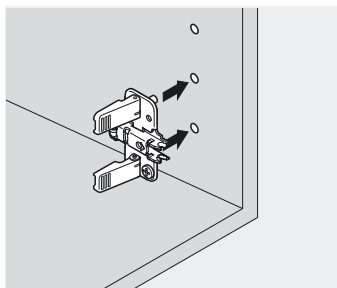
Assembly



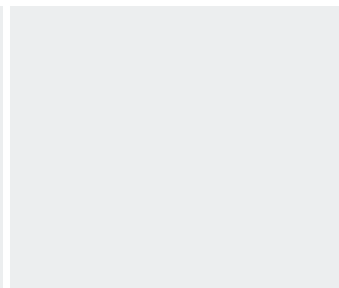
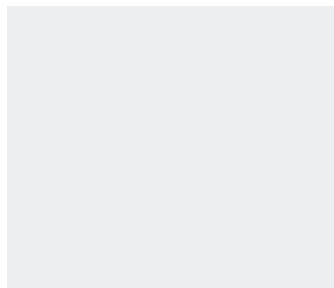
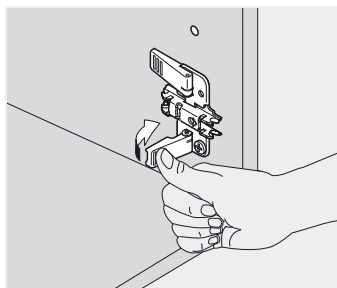
Removal



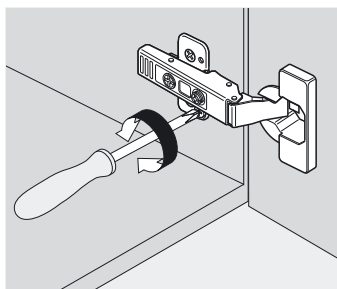
INSERTA cruciform mounting plate



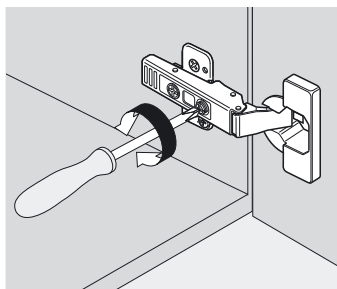
Assembly



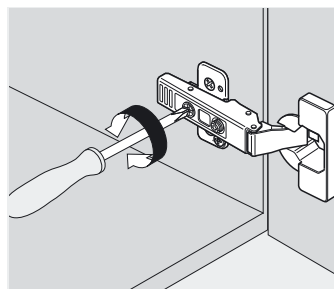
Adjustment



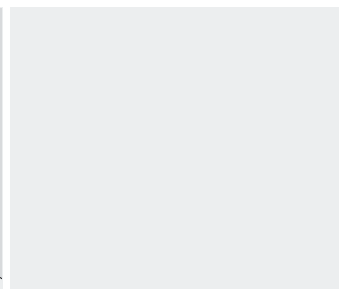
Height adjustment



Side adjustment



Depth adjustment



CLIP top – hinge system

► BLUMOTION for doors



CLIP top

Closing doors – silent and effortless



The new BLUMOTION closes furniture doors, silently and effortlessly, even when closed with force. Whether it's the kitchen, hall, living room, bathroom or bedroom, the new BLUMOTION feels at home everywhere. It provides perfect motion, bringing comfort to all areas of life.

- The adaptive system adjusts itself to the closing speed and the weight of the door
- Versions available for nearly all applications
- Can be installed at any time during the production and sales process
- Its integrated overload safety feature protects the system from damage due to improper use



interzum
award
intelligent
material
and design



The adaptive system – controlling perfect motion



Exceptional comfort through a highly adaptive system



This is all thanks to the intelligent technology of the BLUMOTION adaptive system



It reacts to key factors such as door height, door weight and closing speed

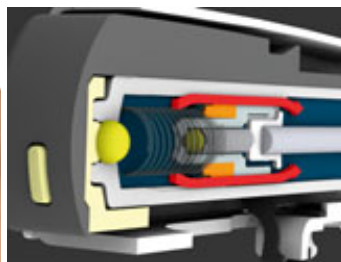


And brakes the motion of the door accordingly. The result is always a perfect closing motion – silent and effortless

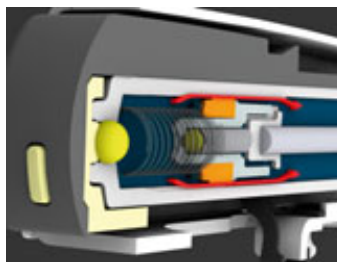
This is how the adaptive system works



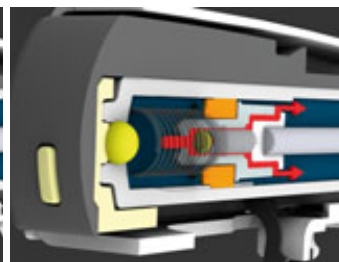
A look behind the scenes of the BLUMOTION adaptive system



Slow closing speed
The braking element expands slightly. The medium can flow by without much resistance.
-> Weak effect



Fast closing speed
The braking element expands. The medium can only flow by slowly.
-> Strong effect



Closing speed that is too fast
The overload safety feature kicks in.
-> Protects BLUMOTION and hinges

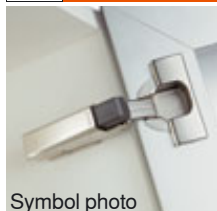
CLIP top – hinge system

► BLUMOTION for doors

►► Overview



►► BLUMOTION 973A – clip on



- Straight hinge arms
- Cranked hinge arms
- Double cranked hinge arms
- Wide angle hinges
- Angled hinges
- CRISTALLO for glass and mirror doors

Overview – hinges	168
Overview – angled applications	169
BLUMOTION 973A	170
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►► BLUMOTION 971A – in adapter plate for overlay application

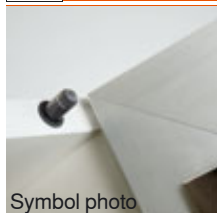


- Chipboard screws
- EXPANDO
- Knock-in dowel

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►► BLUMOTION 970A – for drilling, hinge side

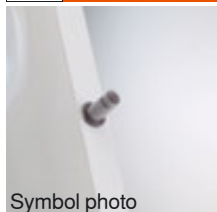


- For drilling
- With adapter plates

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►► BLUMOTION 970. – for drilling, handle side



- For drilling
- With adapter plates

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Symbol photo



Pictograph

Item Available Upon Request	Angled application overlay
General Information	Angled application max. overlay
Opening Angle	Angled application mitered
BLUMOTION for doors	Hinge with straight hinge arm
Overlay application	Hinge with cranked hinge arm
Dual application	Hinge with double cranked hinge arm
Inset application	Chipboard screw fixing
Overlay application for blind corners	EXPANDO-fixing
Corner cabinet with bi-fold door	Knock-in dowel fixing
Angled application inset	Planning
Angled application half overlay	Assembly, removal and adjustment

CLIP top – hinge system

► BLUMOTION for doors

►► BLUMOTION 973A – clip on



Hinge with straight hinge arm



- CLIP top
- 120°
 - 120°, special
 - 107°
 - Profile door
 - 95° alu frame door for BLUMOTION
 - 120° alu frame door for BLUMOTION

- CLIP
- 100°

		Part no.
Steel	nickel plated	973A0500.01



Hinge with cranked hinge arm



- CLIP top
- 120°
 - 107°
 - Profile door
 - 95° alu frame door for BLUMOTION
 - 120° alu frame door for BLUMOTION

- CLIP
- 100°

		Part no.
Steel	nickel plated	973A0600



Hinge with double cranked hinge arm



- CLIP top
- 107°
 - Profile door
 - 95° alu frame door for BLUMOTION

- CLIP
- 100°

		Part no.
Steel	nickel plated	973A0700



Wide angle hinge



- CLIP top
- 170° – inline
 - 170° – cranked
 - 155° 0-protrusion hinge

		Part no.
Zinc	nickel plated	973A6000

CLIP top – hinge system

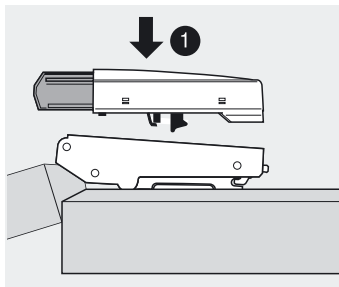
► BLUMOTION for doors

►► Assembly, removal and adjustment

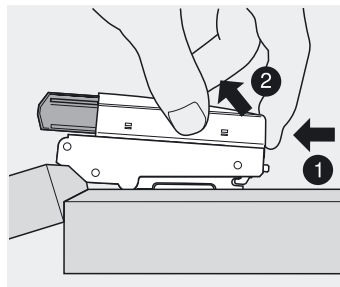


CLIP top

BLUMOTION 973A – clip on for standard applications

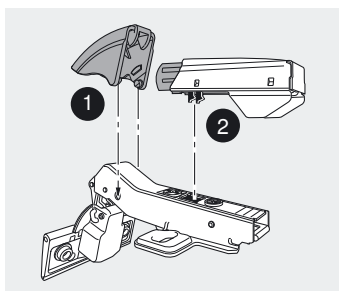


Assembly



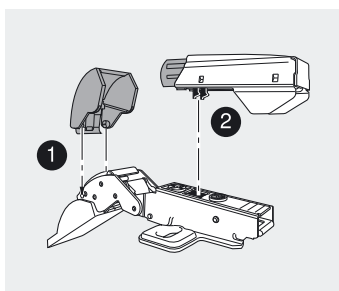
Removal

BLUMOTION 973A – clip on for angled applications



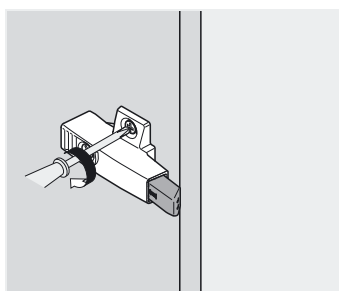
Assembly

BLUMOTION 973A – clip on for CRISTALLO hinges

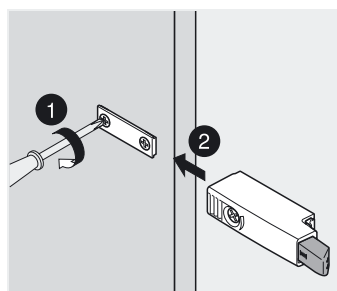
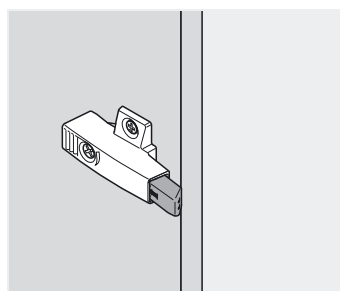


Assembly

BLUMOTION 971A – in adapter plate for overlay application



Cruciform adapter plate



Inline adapter plate

