

Hinges

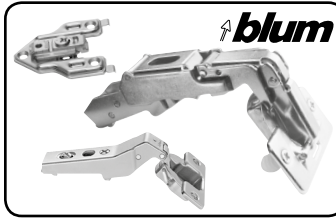
Lift Systems

Section 3A



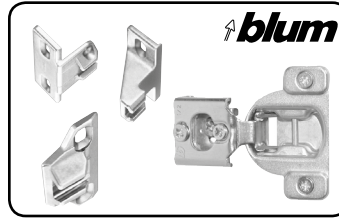
CLIP and CLIP top Hinges

Section 3B



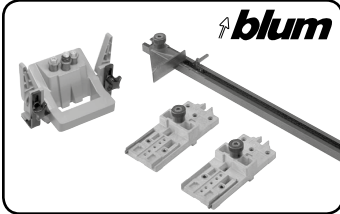
COMPACT Hinges

Section 3C



Blum Accessories

Section 3D



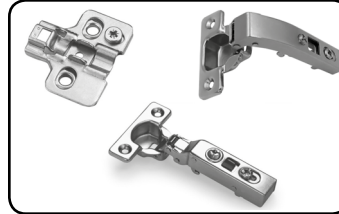
SALICE Hinges

Section 3E



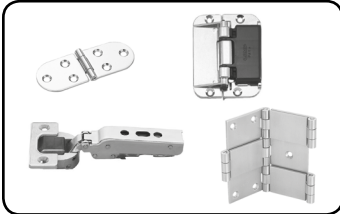
RCS and RCL Hinges

Section 3F



SUGATSUNE Hinges

Section 3G



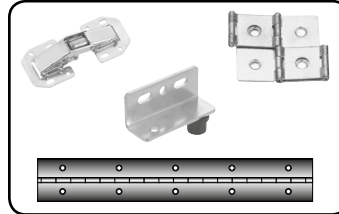
Traditional Hinges

Section 3H



Specially Hinges

Section 3I



Institutional Hinges

Section 3J



SECTION 3

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AVENTOS HF

Height range:
479 mm (18-7/8") - 1067 mm
(42")

Width range:
381 mm (15") - 1828 mm
(72")

Bi-fold doors lift up
and out of the way.



Page 3A3

AVENTOS HS

Height range:
350 mm (13-3/4") - 800 mm
(31-1/2")

Width range:
381 mm (15") - 1828 mm
(72")

Lifts doors up and
over the cabinet.



Page 3A5

AVENTOS HL

Height range:
300 mm (11-13/16") - 580 mm
(22-13/16")

Width range:
381 mm (15") - 1828 mm
(72")

Doors lift parallel
to the cabinet.



Page 3A8

AVENTOS HK

Height range:
300 mm (11-13/16") - 610 mm
(24")

Width range:
381 mm (15") - 1828 mm
(72")

Stay lifts swing up
and out of the way.



Page 3A11

AVENTOS HK-S

Height range:
186 mm (7-3/8") - 610 mm
(24")

Width range:
381 mm (15") - 1828 mm
(72")

Ideal for smaller
cabinets.



Page 3A14

AVENTOS HK-XS

Height range:
238 mm (9-3/8") - 610 mm
(24")

Width range:
381 mm (15") - 1828 mm
(72")

High quality in
a convenient
package.



Page 3A16

Determine the power factor for the application



Power factor = cabinet height (inch) x combined door weight* (lb)

Determine power factor

To select the correct lift mechanism for a given application, the power factor must first be calculated by using the formula below.
Use the table at the bottom of the page to convert ounces into decimal form for easy calculation.

Power factor = cabinet height multiplied by combined door weight*

Example:

Cabinet height: 30" (within possible range)

Combined door weight = 23 lb 14 oz (14 oz = .9 lb see chart below)

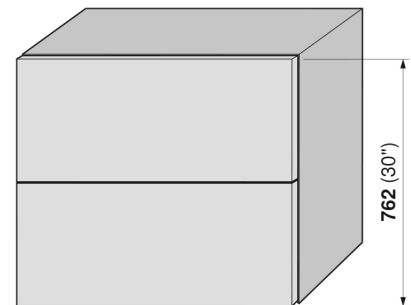
Power factor = 30 x 23.9

Power factor = 717

After power factor determination, select appropriate lift mechanism
according to the capacity of the lift mechanism

*Including handle weight

NOTE: AVENTOS planning tools available at blum.com/planning



Combined door weight* = 23 lb 14 oz

Weight conversion chart

oz	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
lb	.1	.1	.2	.3	.3	.4	.4	.5	.6	.6	.7	.8	.8	.9	.9

Important Information:

Please see the technical documents to choose the right mechanism for the weight and height of your door.

Lift Systems

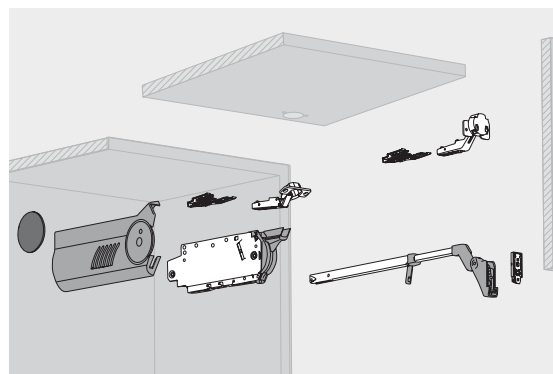
AVENTOS HF - Standard or with SERVO-DRIVE

Richelieu Section 3A

For Panel and Face Frame or for Narrow Aluminum Door Frames

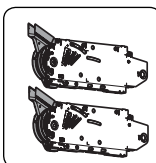


- Well suited for large cabinets
- For both panel and face frame applications or for narrow aluminum door hardware
- Cabinet height from 479 mm (18-7/8") to 1067 mm (42")
- Cabinet width from 381 mm (15") to 1828 mm (72")
- Interior depth minimum 278 mm (10-15/16")
- Includes a finger safety feature
- The three-dimensional adjustment feature enables doors to be precisely aligned
- Closes silently and effortlessly with BLUMOTION



Lift Mechanism Set (2)

PRODUCT	DOOR HEIGHT	DOOR LENGTH	CAPACITY
20F2200N5	400-1040mm	400-1800mm	2.5-11.5 kg
20F2500N5	400-1040mm	400-1800mm	5.1-21.1 kg
20F2800N5	400-1040mm	400-1800mm	8.7-35.9 kg



Set includes:

- 2 Lift mechanism (symmetrical)
- #7 x 35 mm (1-3/8") wood screw (qty 10)

NOTE: Trial application recommended when the required power factor is in a borderline area of lift mechanisms

Hardware Set for Panel and Face Frame

PRODUCT	DESCRIPTION
78Z5500T180	Wood or wide aluminum hardware set
606N1000	Installation screw for wood doors

Set includes:

- CLIP top 120° free swing hinge (qty 2)
- COMPACT 33° free swing hinge (qty 2)
- CLIP top bottom door hinge (qty 2)
- COMPACT mounting plate (qty 2)
- Face frame adapter (qty 4)
- Telescopic arm mounting plate (qty 2)

NOTE: Three hinges and mounting plates are required for cabinet widths over 1219 mm (48") or combined door weight of 26.5 lb

Hardware Set for Narrow Aluminum

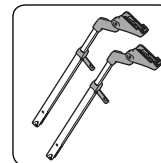
PRODUCT	DESCRIPTION
78Z550ATA5	Narrow aluminum hardware set
606N1000	Installation screw for top mounting plate

Set includes:

- CLIP top free swing narrow alum. top door hinge (qty 2)
- CLIP top narrow aluminum bottom door hinge (qty 2)
- Top door mounting plate (qty 2)
- Bottom door mounting plate (qty 2)
- Telescopic arm mounting plate (qty 4)
- Aluminum screw for the bottom door mounting plate, bottom hinge, top hinge and telescopic arm mounting plate (qty 8)

Telescopic Arm Set (2)

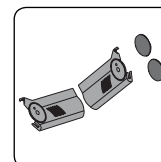
PRODUCT	DOOR HEIGHT
20F3200	480-570 mm
20F3500	560-710 mm
20F3800	700-900 mm
20F3900	760-1040 mm



Cover Set (2)

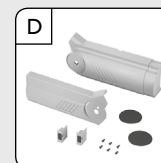
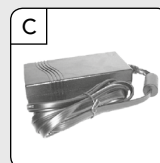
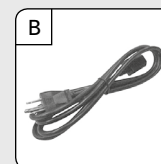
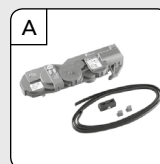
PRODUCT	MATERIAL	FINISH
20F8000	Plastic	Gray

Set includes: Right and left cover



For SERVO-DRIVE Application

	PRODUCT	DESCRIPTION
A	21FA000	SERVO-DRIVE unit
B	Z10M200U01	SERVO-DRIVE main plug – 100 to 240 volt
C	Z10NE050	Transformer – 100 to 240 volt
D	21F8000	Covers



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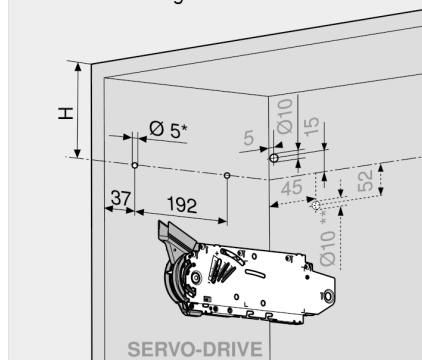
Wooden Fronts and Wide Aluminum Door Frames

Planning – symmetrical

Drilling position

* Drilling depth 5 mm

**** Alternative drilling**

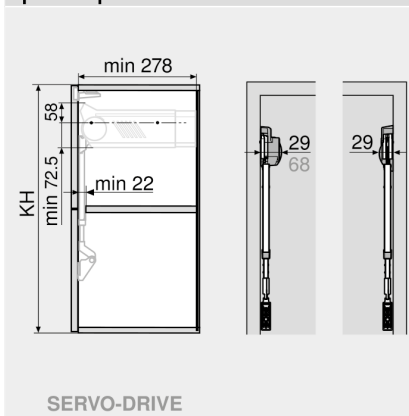


4 x chipboard screws Ø 4 x 35 mm

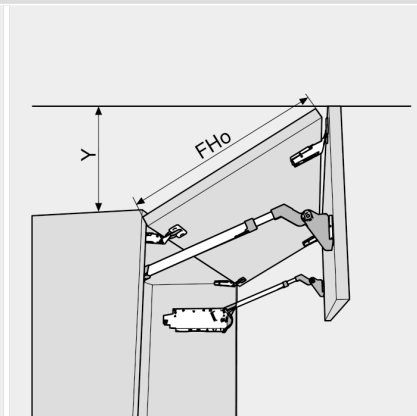
Drilling for SERVO-DRIVE distribution cable,
left only

Cabinet height KH (mm)	H (mm)
480–549	KH x 0.3 – 28
550–1040	KH x 0.3 – 57

Space requirement



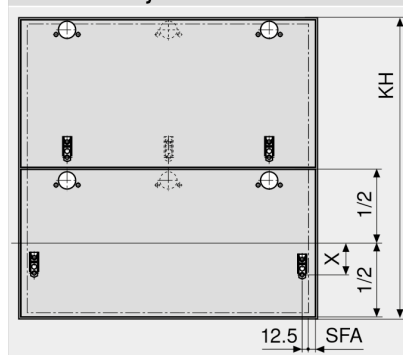
KH Cabinet height



FHo Upper front height

Opening angle stop	Y (mm)
Without	FHo x 0.44 + 38
104°	FHo x 0.24 + 34
83°	0

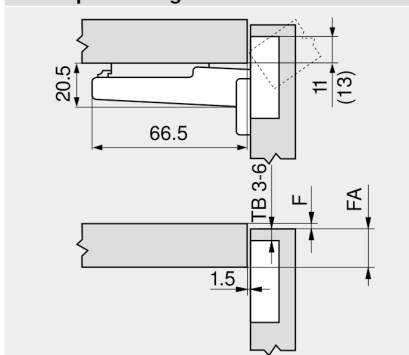
Front assembly



SFA Front overlay of the side panel

Cabinet height KH (mm)	X (mm)	
	177H3100, 177H3100E, 177H3100E10, 177H5100, 175H3100, 175H4100	175H5400, 177H5400E
480–549	70	68
550–1040	47	45

CLIP top 120° hinge



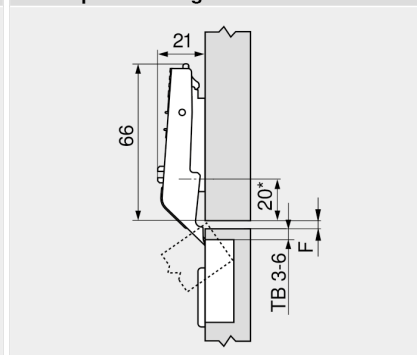
F Gap

() CLIP top 120° special hinge

Drilling distance TB

[illegible]

CLIP top centre hinge



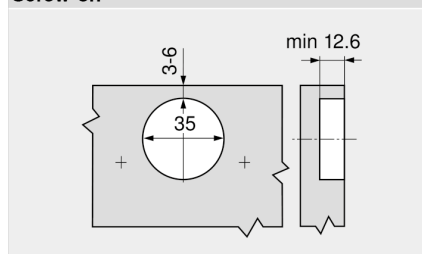
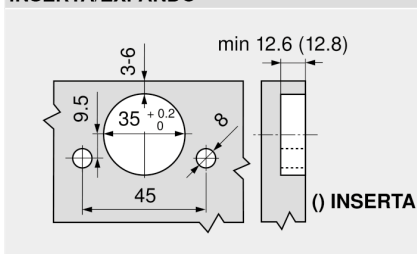
F Min. gap = 1.5 mm

* 37 mm for cruciform mounting plates (37/32)

Drilling distance TB

		Horizontal gap between fronts F (mm)				
			3	4	5	6
Mounting plate spacing (mm)	0		6	5	4	3
	3					
	6					
	9					

Screw-on

**INSERTA/EXPANDO**

Lift Systems

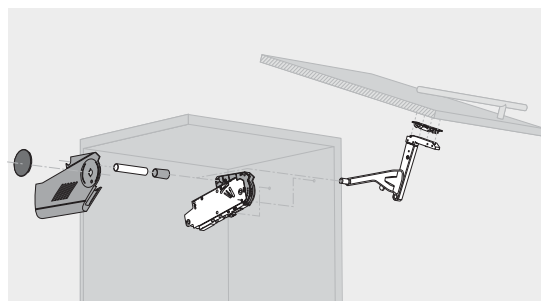
AVENTOS HS - Standard or with SERVO-DRIVE

Richelieu Section 3A

For Wood or Wide Aluminum Door or for Narrow Aluminum Door Frames

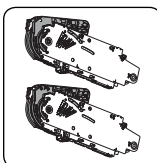


- Suited for cabinets with cornice or crown molding
- For both panel and face frame cabinet
- Ideal for large-area, single fronts
- Cabinet height from 350 mm (13-3/4") to 675 mm (26-5/8")
- Cabinet width from 381 mm (15") to 1828 mm (72")
- Closes silently and effortlessly with BLUMOTION



Lift Mechanism Set (2)

PRODUCT	DOOR HEIGHT	DOOR LENGTH	CAPACITY
20S2A00N5	350-525 mm	400-1800 mm	1.8-3.6 kg
20S2B00N5	350-525 mm	400-1800 mm	4.5-7.25 kg
20S2C00N5	350-525 mm	400-1800 mm	9-15 kg
20S2D00N5	526-675 mm	400-1800 mm	2.7-5 kg
20S2E00N5	526-675 mm	400-1800 mm	6.35-10.4 kg
20S2F00N5	526-675 mm	400-1800 mm	12.25-19 kg
20S2G00N5	676-800 mm	400-1800 mm	3.17-6.35 kg
20S2H00N5	676-800 mm	400-1800 mm	7.7-11.3 kg
20S2I00N5	676-800 mm	400-1800 mm	13.15-20 kg

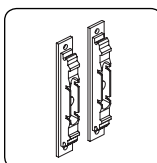


Set includes:

- Lift mechanism (qty 2)
- #7 x 35 mm (1-3/8") wood screw (qty 10)

Hardware Set for Wood or Wide Aluminum

PRODUCT	DESCRIPTION
20S4200	Wood or wide aluminum hardware set
606N1000	Installation screw for wood doors

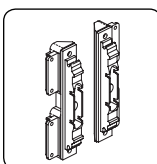


Set includes:

- Arm assembly mounting plate (qty 2)

Hardware Set for Narrow Aluminum

PRODUCT	DESCRIPTION
20S4200A	Narrow aluminum hardware set



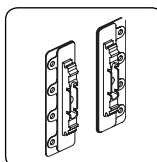
Set includes:

- Narrow aluminum arm assembly mounting plate (qty 2)
- Aluminum screw for narrow aluminum lever arm mounting plate (qty 8)

Mounting Plate with Bracket Set

For use with large overlay five-piece doors

PRODUCT	FIXING
20S4F01	Mounting plate with bracket set

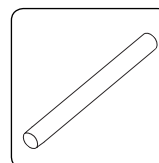


Set includes:

- Mounting plate with bracket (qty 2)

Cross Stabilizer Bar

PRODUCT	MATERIAL	FINISH
20Q1061UN	Metal	Silver

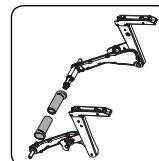


- Aluminum rod length 1061 mm (41-3/4"), cut to size
- Length = inside cabinet width minus 129 mm (5-1/16") for SERVO-DRIVE minus 164 mm (6-7/16")

NOTE: For cabinets wider than 48", a stabilizer rod connector set is required.

Telescopic Arm Set (2)

PRODUCT	DESCRIPTION	DOOR HEIGHT
20S350006	Without SERVO-DRIVE	350-675 mm
21S350001	For SERVO-DRIVE	350-675 mm

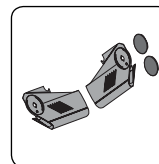


Set includes:

- Right and left arm assembly
- Stabilizer rod cover cap (qty 2)

Cover Set (2)

PRODUCT	MATERIAL	FINISH
20S8000	Plastic	Gray

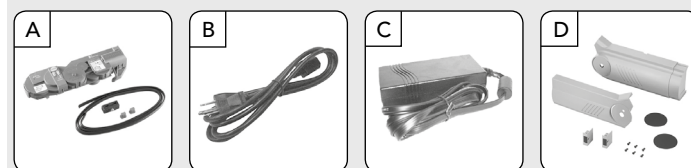


Set includes:

- Right and left cover
- Non-handed cover cap (qty 2)

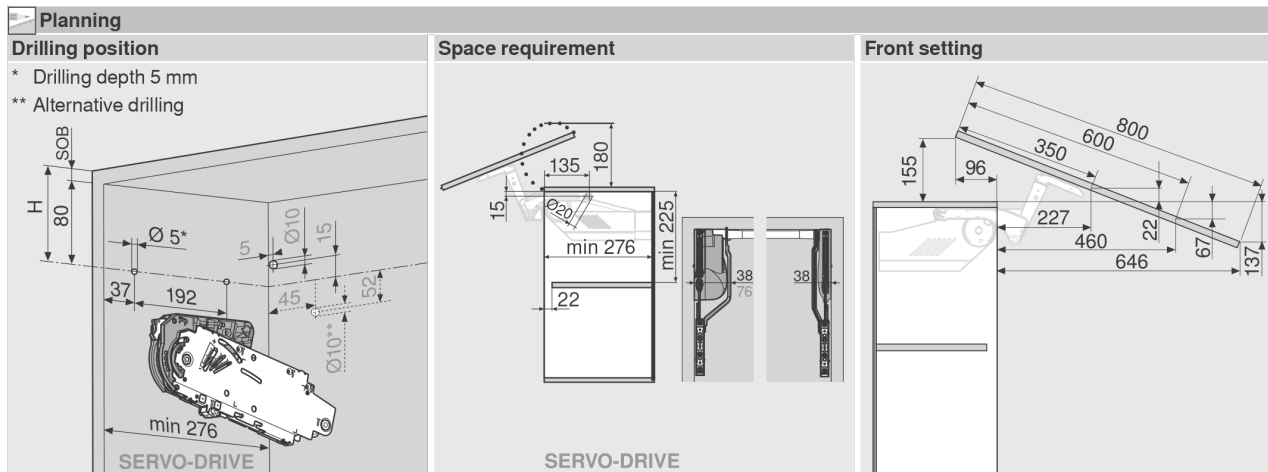
For SERVO-DRIVE Application

	PRODUCT	DESCRIPTION
A	21FA000	SERVO-DRIVE unit
B	Z10M200U01	SERVO-DRIVE main plug – 100 to 240 volt
C	Z10NE020	Transformer – 100 to 240 volt
D	21S8000	Covers



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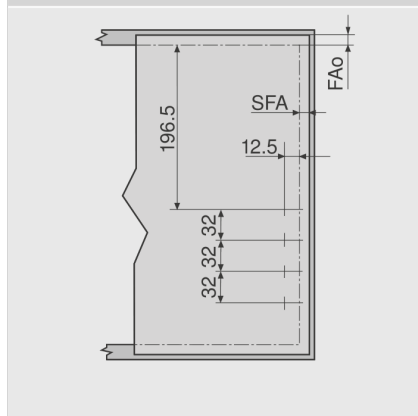
Wooden Fronts, Wide and Narrow Aluminum Door Frames



SOB Top panel thickness
5 x chipboard screws Ø 4 x 35 mm
Drilling for SERVO-DRIVE distribution cable,
left only

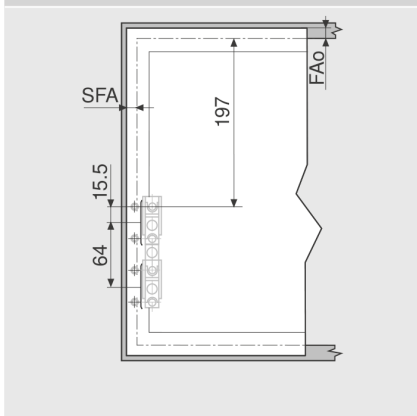
Dimensions depend on tilt adjustment

Front assembly – wooden fronts and wide aluminum frames



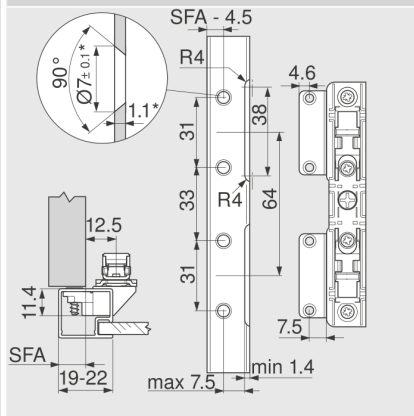
Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 counter sunk self tapping screws (660.0950) for wide aluminum frames

Front assembly – narrow aluminum frames



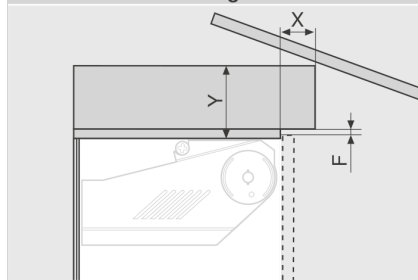
FAo Upper front overlay
SFA Front overlay of the side panel
Wall application: min. gap required 5 mm

Planning – narrow aluminum frames



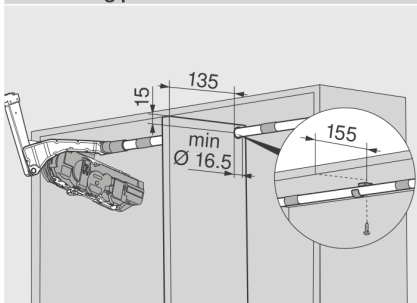
* When changing material thickness, adjust the assembly dimensions accordingly
For frame width 19 mm, a side front overlay SFA of 11 - 18 mm is possible

Cornice/crown moulding clearance



Gap F (mm)	X max. (mm)	Y max. (mm)
3.0	35	101
2.0	31	101
1.5	28	101

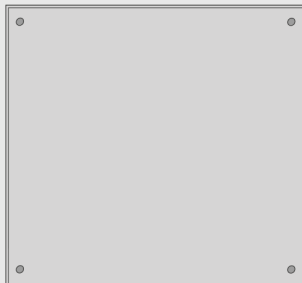
Connecting piece



Wooden Fronts, Wide and Narrow Aluminum Door Frames

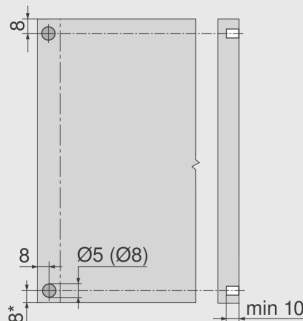
Planning

Blum distance bumper (SERVO-DRIVE application only)



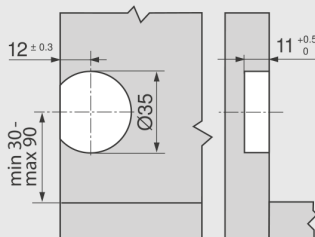
Insert Blum distance bumper (do not glue)

* From cabinet front edge for fronts that protrude below



Recommendation for aluminum frames:
Consider drilling for the Blum distance bumper
in the cabinet side. A trial application must be
carried out when fixing to the front

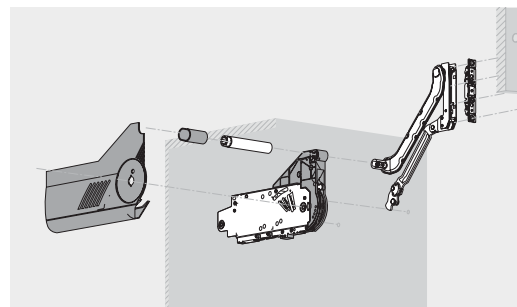
SERVO-DRIVE switch



For Panel and Face Frame or for Narrow Aluminum Door Frames

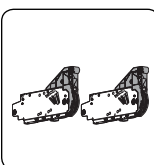


- Suited for wall cabinets and/ or as a garage application
- For both panel and face frame application
- Cabinet height from 300 mm (11-13/16") to 580 mm (22-13/16")
- Cabinet width from 381 mm (15") to 1828 mm (72")
- Interior cabinet depth minimum of 278 mm (10-15/16")
- Closes silently and effortlessly with BLUMOTION
- Simple, virtually tool-free assembly and easy adjustment



Lift Mechanism Set (2)

PRODUCT	DOOR HEIGHT	DOOR LENGTH	CAPACITY
20L2100N5	300-400mm	400-1800mm	0.9-3.6kg
20L2300N5	300-580mm	400-1800mm	0.9-5.8kg
20L2500N5	300-580mm	400-1800mm	1.36-11.3kg
20L2700N5	300-580mm	400-1800mm	4.5-20kg
20L2900N5	350-580mm	400-1800mm	8.6-20kg



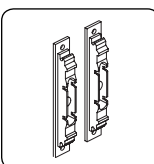
Set includes:

- Lift mechanism (qty 2)
- #7 x 35 mm (1-3/8") wood screw (qty 10)

NOTE: Trial application recommended when the required door weight is in a borderline area of lift mechanisms

Hardware Set for Wood or Wide Aluminum

PRODUCT	DESCRIPTION
20S4200	Wood or wide aluminum hardware set
606N1000	Installation screw for wood doors

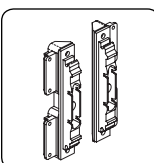


Set includes:

- Arm assembly mounting plate (qty 2)

Hardware Set for Narrow Aluminum

PRODUCT	DESCRIPTION
20S4200A	Narrow aluminum hardware set



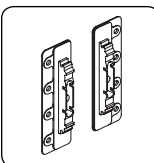
Set includes:

- Narrow aluminum arm assembly mounting plate (qty 2)
- Aluminum screw for narrow aluminum lever arm mounting plate (qty 8)

Mounting Plate with Bracket Set

For use with large overlay five-piece doors

PRODUCT	FIXING
20S4F01	Mounting plate with bracket set

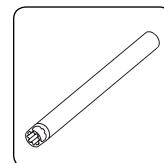


Set includes:

- Mounting plate with bracket (qty 2)

Oval Stabilizer Rod

PRODUCT	MATERIAL	FINISH
20Q1061UA	Metal	Silver

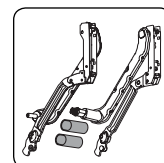


- Aluminum rod length 1061 (41-3/4"), cut to size
- Length = inside cabinet width minus 129 (5-1/16") for SERVO-DRIVE minus 164 (6-7/16")

NOTE: For cabinets wider than 48", a stabilizer rod connector set is required.

Telescopic Arm Set (2)

PRODUCT		DOOR HEIGHT
STANDARD	WITH SERVO-DRIVE	
20L320006	20L32001	300-349 mm
20L350006	20L35001	350-399 mm
20L380006	20L38001	400-550 mm
20L390006	20L39001	450-580 mm

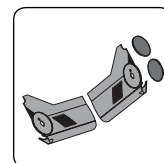


Set includes:

- Right and left arm assembly
- Stabilizer rod cover cap (qty 2)

Cover Set (2)

PRODUCT	MATERIAL	FINISH
20L8000	Plastic	Gray

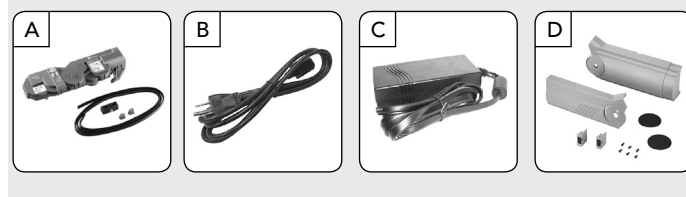


Set includes:

- Right and left cover
- Non-handed cover cap (qty 2)

For SERVO-DRIVE Application

PRODUCT	DESCRIPTION
A 21FA000	SERVO-DRIVE unit
B Z10M200U01	SERVO-DRIVE main plug – 100 to 240 volt
C Z10NE020	Transformer – 100 to 240 volt
D 21L8000	Covers



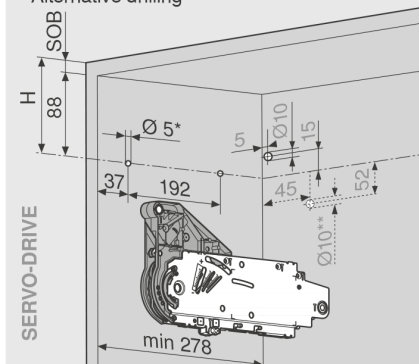
Wooden Fronts, Wide and Narrow Aluminum Door Frames

Planning

Drilling position

* Drilling depth 5 mm

** Alternative drilling

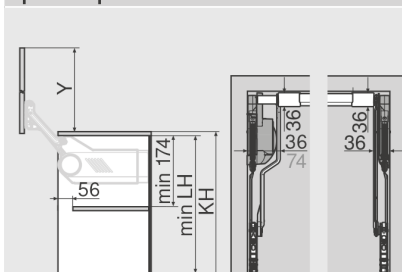


SOB Top panel thickness

5 x chipboard screws Ø 4 x 35 mm

Drilling for SERVO-DRIVE distribution cable, left only

Space requirement



SERVO-DRIVE

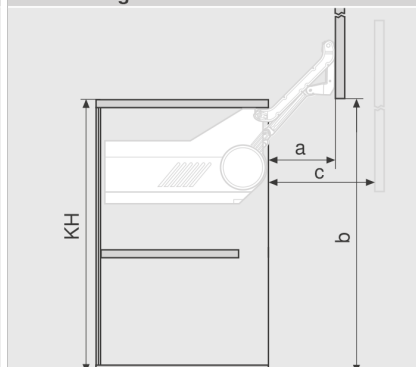
KH Cabinet height

LH Internal cabinet height

Lever arm set		Min. LH (mm)*	Y (mm)*
Standard	SERVO-DRIVE		
20L320006	21L320001	262.0	264.0
20L350006	21L350001	312.0	352.0
20L380006	21L380001	362.0	440.0
20L390006	21L390001	412.0	529.0

* Dimensions apply to lower gap = 0 mm

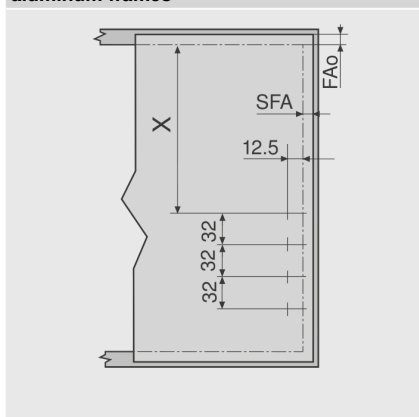
Front setting



Lever arm set		a (mm)	b (mm)*	c max. (mm)
Standard	SERVO-DRIVE			
20L320006	21L320001	114.0	257.0	159.0
20L350006	21L350001	146.0	345.0	209.0
20L380006	21L380001	178.0	433.0	259.0
20L390006	21L390001	210.0	522.0	309.5

* Dimensions apply to lower gap = 0 mm

Front assembly – wooden fronts and wide aluminum frames

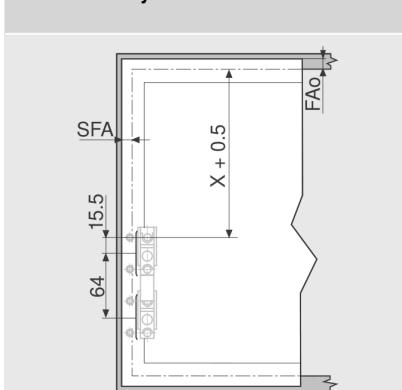


FAo Upper front overlay

SFA Front overlay of the side panel

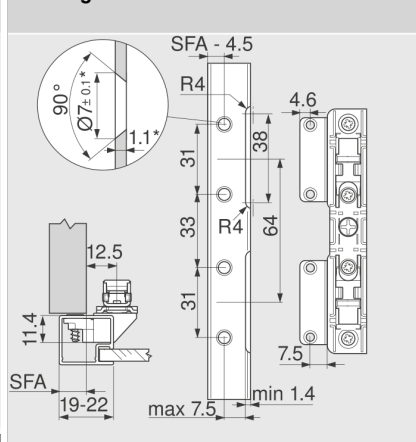
Wall application: min. gap required 5 mm

Front assembly – narrow aluminum frames



Lever arm set		X (mm)
Standard	SERVO-DRIVE	
20L320006	21L320001	153
20L350006	21L350001	203
20L380006	21L380001	253
20L390006	21L390001	303

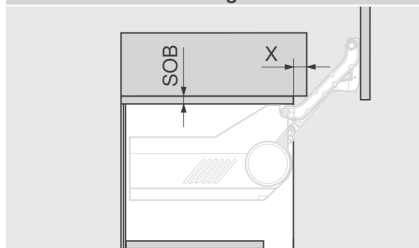
Planning – narrow aluminum frames



* When changing material thickness, adjust the assembly dimensions accordingly

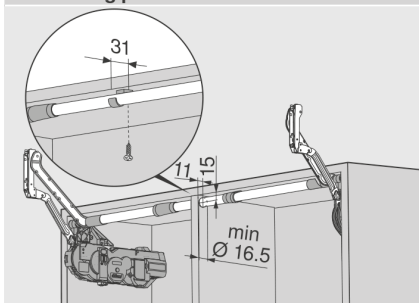
For frame width 19 mm, a side front overlay SFA of 11 - 18 mm is possible

Cornice/crown moulding clearance



Top panel thickness SOB (mm)	X (mm)
16	28
18	30
19	31

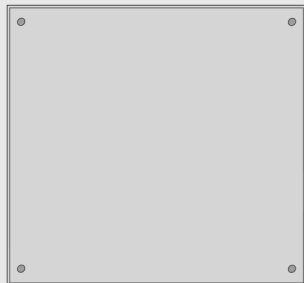
Connecting piece



Wooden Fronts, Wide and Narrow Aluminum Door Frames

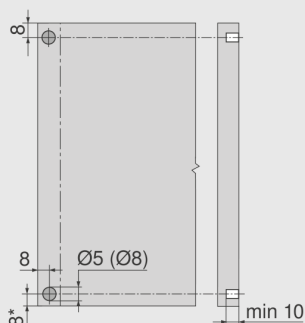
Planning

Blum distance bumper (SERVO-DRIVE application only)



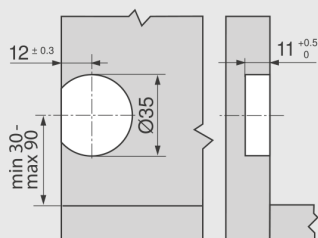
Insert Blum distance bumper (do not glue)

* From cabinet front edge for fronts that protrude below



Recommendation for aluminium frames:
Consider drilling for the Blum distance bumper
in the cabinet side. A trial application must be
carried out when fixing to the front

SERVO-DRIVE switch



Lift Systems

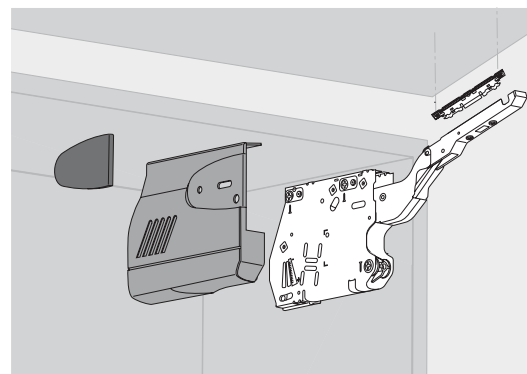
AVENTOS HK - Standard or with SERVO-DRIVE

Richelieu Section 3A

For Panel and Face Frame or for Narrow Aluminum Door Frames

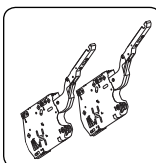


- Suited for wall cabinets and/ or above a pantry or refrigerator
- Cabinet height from 300 mm (11-13/16") to 610 mm (24")
- Cabinet width from 381 mm (15") to 1828 mm (72")
- Interior cabinet depth minimum of 210 mm (8-1/4")
- Closes silently and effortlessly with BLUMOTION
- Simple, virtually tool-free assembly and easy adjustment



Lift Mechanism Set (2)

PRODUCT	POWER FACTOR RANGE	OPENING ANGLE	CAPACITY
20K2300N5	43 – 99	107°	0.5-5 kg
20K2500N5	100 – 174	107°	1.3-8.3 kg
20K2700N5	175 – 349	107°	2.5-16.3 kg
20K2900N5	350 – 792	100°	5.3-30 kg



- Door height: 300-600 mm
- Door length: 400-1800 mm

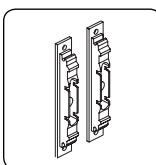
Set includes:

- Lift mechanism (qty 2)
- #7 x 35 mm (1-3/8") wood screw (qty 10)

NOTE: Trial application recommended when the required door weight is in a borderline area of lift mechanisms

Hardware Set for Wood or Wide Aluminum

PRODUCT	DESCRIPTION
20S4200	Wood or wide aluminum hardware set
606N1000	Installation screw for wood doors

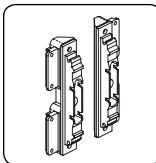


Set includes:

- Arm assembly mounting plate (qty 2)

Hardware Set for Narrow Aluminum

PRODUCT	DESCRIPTION
20S4200A	Narrow aluminum hardware set



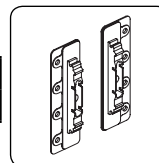
Set includes:

- Narrow aluminum arm assembly mounting plate (qty 2)
- Aluminum screw for narrow aluminum lever arm mounting plate (qty 8)

Mounting Plate with Bracket Set

For use with large overlay five-piece doors

PRODUCT	FIXING
20S4F01	Mounting plate with bracket set

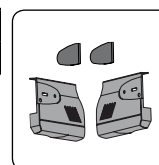


Set includes:

- Mounting plate with bracket (qty 2)

Cover Set (2)

PRODUCT	MATERIAL	FINISH
20K8000	Plastic	Gray

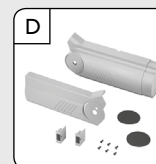
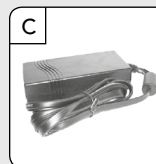
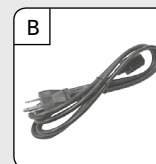
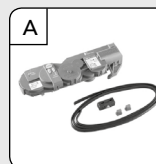


Set includes:

- Right and left cover
- Non-handed cover cap (qty 2)

For SERVO-DRIVE Application

PRODUCT	DESCRIPTION
A 21KA000	SERVO-DRIVE unit
B Z10M200U01	SERVO-DRIVE main plug – 100 to 240 volt
C Z10NE020	Transformer – 100 to 240 volt
D 21K8000	Covers



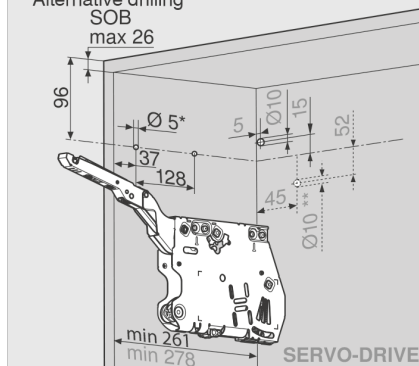
Wooden Fronts, Wide and Narrow Aluminum Door Frames

Planning

Drilling position

* Drilling depth 5 mm

** Alternative drilling
SOB
max 26

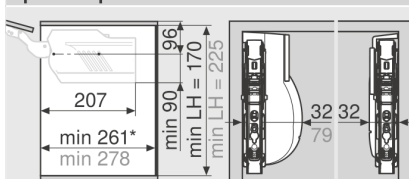


SOB Top panel thickness

3 x chipboard screws Ø 4 x 35 mm

Drilling for SERVO-DRIVE distribution cable,
left only

Space requirement

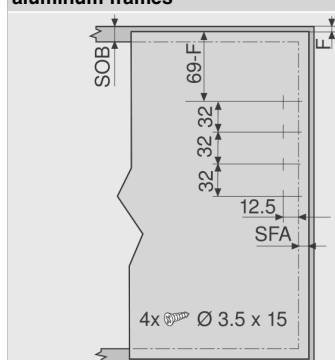


SERVO-DRIVE

LH Internal cabinet height

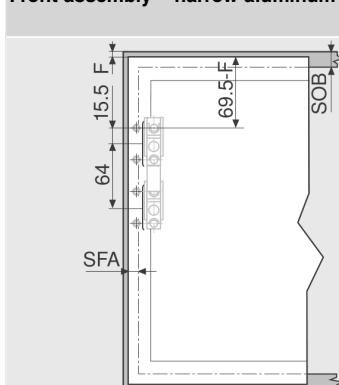
* Min. 261 mm with visible wall hanging bracket

Front assembly – wooden fronts and wide aluminum frames



Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 counter sunk self tapping screws (660.0950) for wide alu frames

Front assembly – narrow aluminum frames

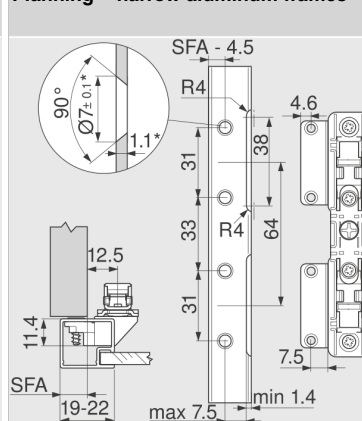


SOB Top panel thickness

F	Gap
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
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96	96
97	97
98	98
99	99
100	100

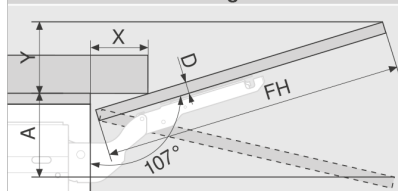
SFA Front overlay of the side panel

Planning – narrow aluminum frames



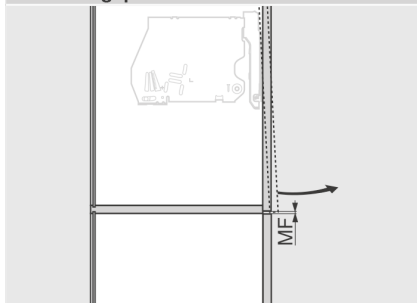
* When changing material thickness, adjust the assembly dimensions accordingly
For frame width 19 mm, a side front overlay SFA of 11 - 18 mm is possible

Cornice/crown moulding clearance



D (mm)	16	19	22	26	28
X (mm)	70	59	49	35	26
Opening angle stop			Space requirement (mm)		
Without			Y = FH x 0.29 - 15 + D		
100°			Y = FH x 0.17 - 15 + D		
75°			A = FH x 0.26 + 15 - D		

Minimum gap

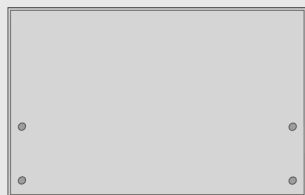


MF Minimum gap 2 mm

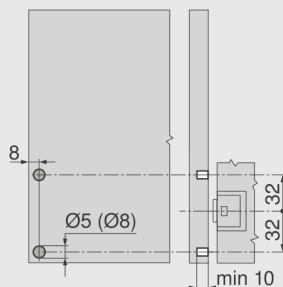
Wooden Fronts, Wide and Narrow Aluminum Door Frames

Planning

Blum distance bumper (SERVO-DRIVE application only)



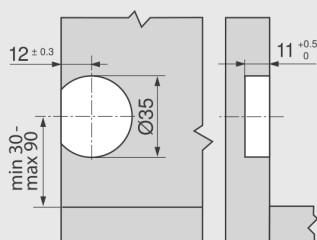
Insert Blum distance bumper (do not glue)
Do not put a bumper on the front upper edge



Recommendation for aluminium frames:
Consider drilling for the Blum distance bumper
in the cabinet side. A trial application must be
carried out when fixing to the front

In general, we recommend installing 4 Blum
distance bumpers near to the switch.
For certain applications (high fronts, low weight),
2 Blum distance bumpers may sometimes be
sufficient.
A trial application is recommended.

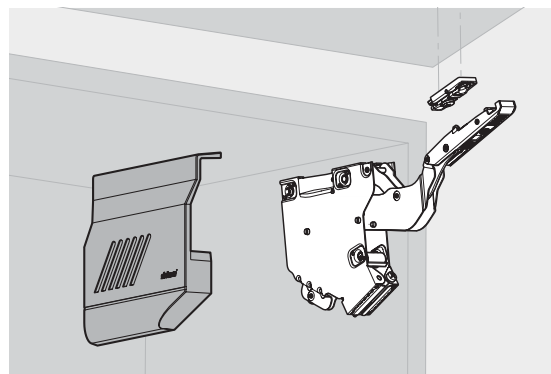
SERVO-DRIVE switch



For Panel and Face Frame or for Narrow Aluminum Door Frames

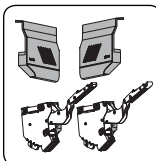


- Suited for small wall cabinets and/ or above a pantry or refrigerator
- For both panel and face frame applications
- Cabinet height from 186 mm (7-3/8") to 610 mm (24")*
- Cabinet width from 381 mm (15") to 1828 mm (72")*
- Interior cabinet depth minimum of 165 mm (6-1/2")
- Closes silently and effortlessly with BLUMOTION
- Simple, virtually tool-free assembly and easy adjustment



Lift Mechanism Set (2)

PRODUCT	POWER FACTOR RANGE	OPENING ANGLE	CAPACITY
20K2B00	19 – 39	107°	0.6-3.3 kg
20K2C00	40 – 85	107°	1-6.7 kg
20K2E00	86 – 177	107°	2.4-13.6 kg



- Door height: 182-400 mm
- Door length: 400-1800 mm

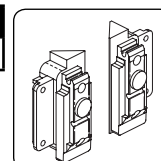
Set includes:

- Lift mechanism (qty 2)
- #7 x 35 mm (1-3/8") wood screw (qty 10)

NOTE: Trial application recommended when the required door weight is in a borderline area of lift mechanisms

Hardware Set for Narrow Aluminum

PRODUCT	DESCRIPTION
20K4A00A	Narrow aluminum hardware set

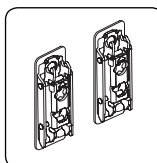


Set includes:

- Narrow aluminum arm assembly mounting plate (qty 2)
- Aluminum screw for mounting plate attachment (qty 4)

Hardware Set for Wood or Wide Aluminum

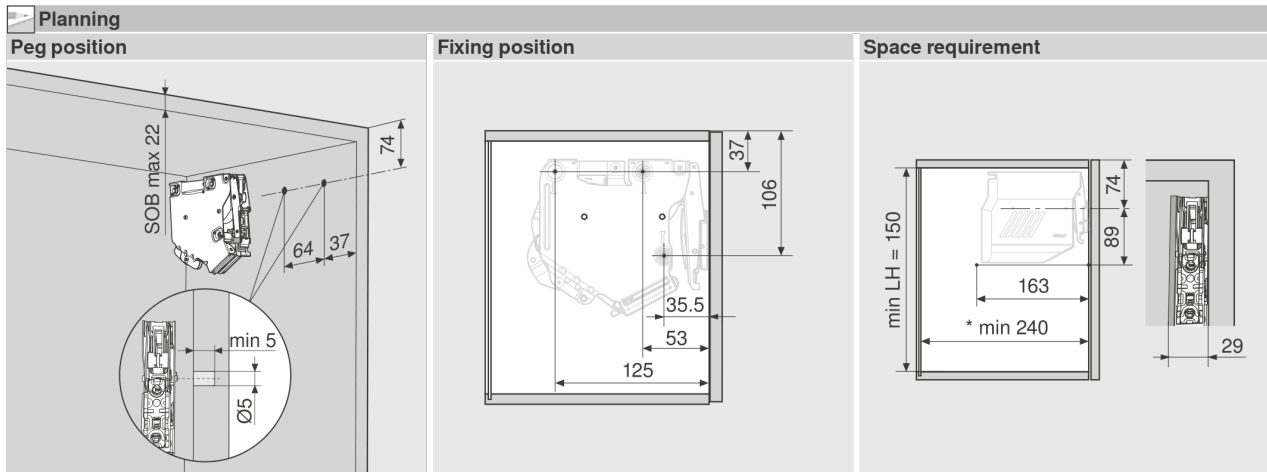
PRODUCT	DESCRIPTION
175H310180	Wood or wide aluminum mounting plate
606N1000	Installation screw for wood doors



Set includes:

- Wood or wide aluminum arm assembly mounting plate (qty 2)

Wooden Fronts, Wide and Narrow Aluminum Door Frames

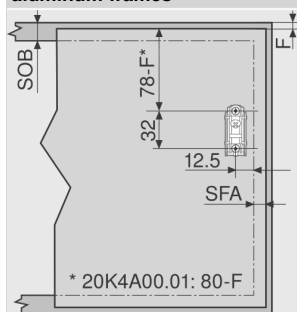


SOB Top panel thickness

3 x chipboard screws Ø 4 x 35 mm

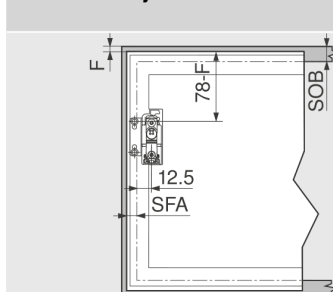
* Min. 240 mm with visible wall hanging bracket

Front assembly – wooden fronts and wide aluminum frames



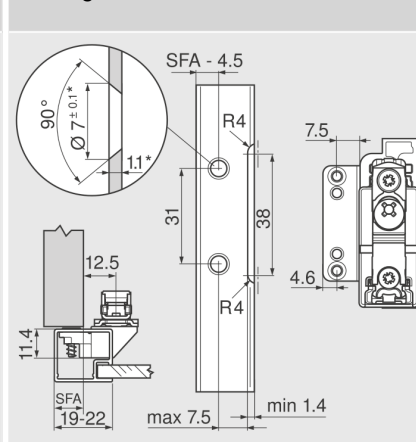
Use 2 chipboard screws (609.1x00) for wooden fronts. Use 2 counter sunk self tapping screws (660.0950) for wide alu frames

Front assembly – narrow aluminum frames



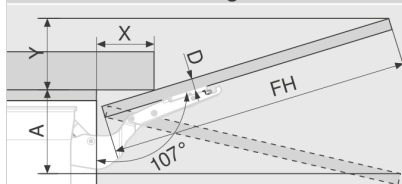
SOB Top panel thickness
 F Gap
 SFA Front overlay of the side panel

Planning – narrow aluminum frames



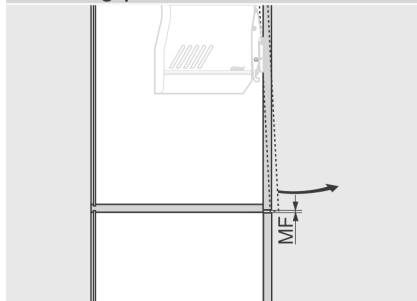
* When changing material thickness, adjust the assembly dimensions accordingly

Cornice/crown moulding clearance



D (mm)	16	19	22	26	-
X (mm)	70	59	49	35	-
Opening angle stop	Space requirement (mm)				
Without	$Y = FH \times 0.29 - 15 + D$				
100°	$Y = FH \times 0.17 - 15 + D$				
75°	$A = FH \times 0.26 + 15 - D$				

Minimum gap

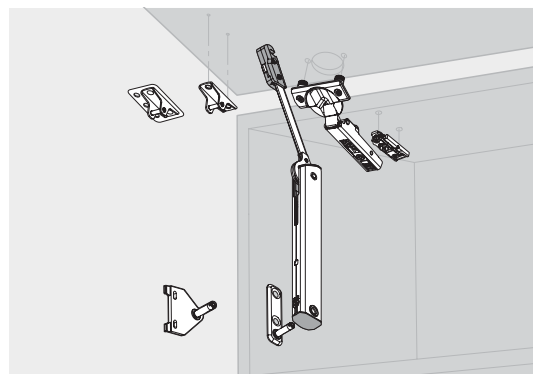


MF Minimum gap 2 mm

For Panel and Face Frame or Narrow Aluminum Door Frames

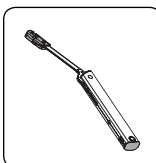


- Well suited for small wall cabinets
- Cabinet height from 238 mm (9-3/8") to 610 mm (24")
- Cabinet widths up to 1828 mm (72")*
- Interior depth minimum 127 mm (5")
- Closes silently and effortlessly with CLIP top BLUMOTION or COMPACT BLUMOTION hinges
- Simple, virtually tool-free assembly and easy adjustment
- Symmetrical lift mechanism – can be used on one or both sides
- Designed for use with BLUMOTION hinges



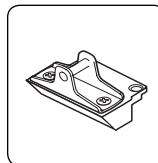
Lift Mechanism Set

PRODUCT	POWER FACTOR RANGE
20K1101	200 – 1000
20K1301	500 – 1500
20K1501	800 – 1800



Front Fixing Bracket for Narrow Aluminum

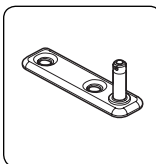
PRODUCT	FIXING
20K4101A	Screw-on



Cabinet Mounting Plate

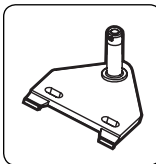
For panel

PRODUCT	FIXING
20K5101	Screw-on
20K51E1	EXPANDO



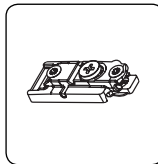
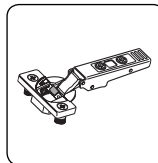
For face frame

PRODUCT	FIXING
20K5501	Screw-on



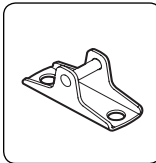
Hinge Recommendations for Panel and Face Frame

PRODUCT	DESCRIPTION
71B355180	110° Screw-on with insertion Ram only
71B358180	110° Knock-in with insertion Ram only
177H310E180	Hinge mounting plate EXPANDO
39C358B20180	COMPACT BLUMOTION 39C 32 mm (1-1/4") Overlay, Knock-in with insertion Ram only
38N358B08180	COMPACT BLUMOTION 38N 13 mm (1/2") Overlay, Knock-in with insertion Ram only



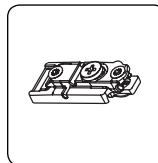
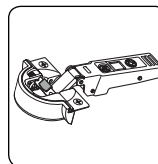
Door Mounting Plate

PRODUCT	FIXING
20K4101	Screw-on



Hinge Recommendations for Narrow Aluminum

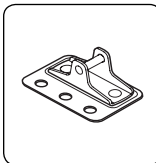
PRODUCT	DESCRIPTION
71B950180	CLIP top BLUMOTION 95° Screw-on
177H310E180	Horizontal Cam mounting plate EXPANDO



Face Frame Door Mounting Plate

For use with large overlay five-piece doors

PRODUCT	FIXING
20K4501	Screw-on

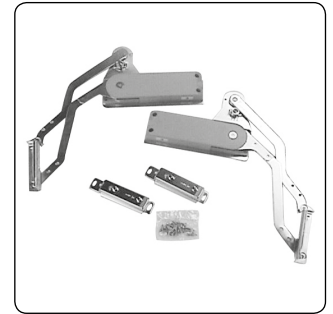


Lift System for Retractable Door



Lift for vertically retractable door. Sleek, compact design.

- Installs easily
- Adjustable arm mounting plate
- Smooth and quiet movement
- No forward projection, making cabinet accessible without the need to go around the door
- Mechanism makes it easy to lift doors and holds them in the open position
- For use in areas where space is limited
- Finish: Nickel

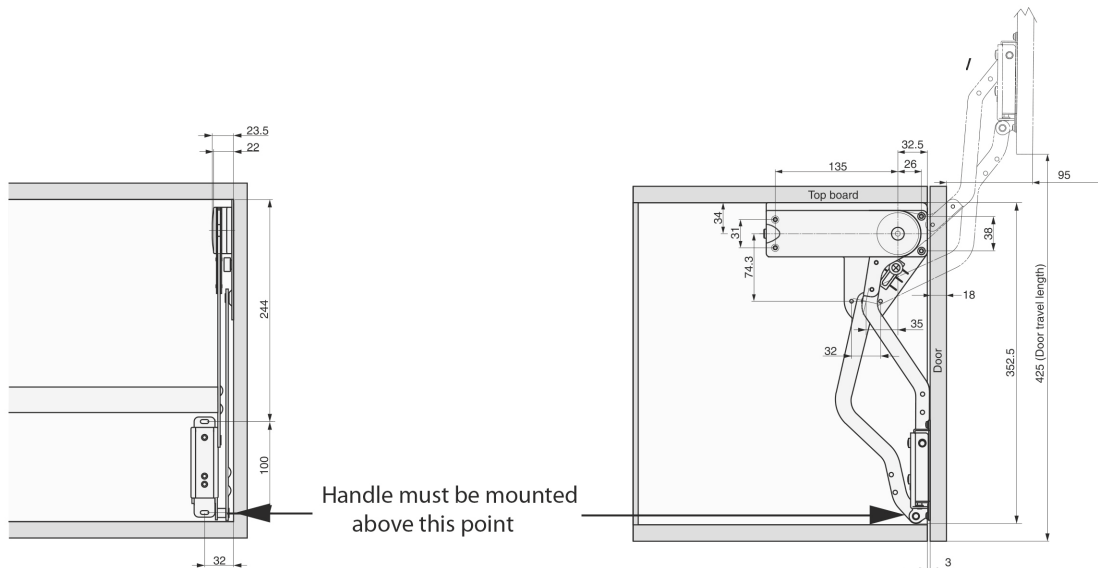


PRODUCT	MATERIAL	CAPACITY	DOOR HEIGHT	DOOR LENGTH	DOOR WEIGHT	QTY/BOX
8054652	Metal	10 to 11 lb (4.6 to 5.2 kg)	15-11/32" to 17-23/32" (390 mm to 450 mm)	23-5/8" to 35-7/16" (600 mm to 900 mm)	6.2 - 8.4 lb (2.8 - 3.8 kg)	5
8032535	Metal	6 to 8 lb (2.5 to 3.5 kg)	15-11/32" to 17-23/32" (390 mm to 450 mm)	23-5/8" to 35-7/16" (600 mm to 900 mm)	8.4 - 10.6 lb (3.8 - 4.8 kg)	5
8043645	Metal	8 to 10 lb (3.6 to 4.5 kg)	15-11/32" to 17-23/32" (390 mm to 450 mm)	23-5/8" to 35-7/16" (600 mm to 900 mm)	10.6 - 12.8 lb (4.8 - 5.8 kg)	5

Important Notice regarding handle position

The pull handle mounted on the SLUN door must be positioned above the bottom pivot of the mounting plate on the door. See illustration below.

The door may not open, or may experience difficulty opening the door if the handle position is below this point.



NOTES

I Hinges | CLIP and CLIP top Hinges

Index Page Products

Page	Products	Page	Products	
3B2	BLUMOTION FOR DOORS «OVERVIEW»	3B37	CLIP top THICK DOOR 95°	1 SCREWS AND FASTENERS
3B3	BLUMOTION FOR DOORS «APPLICATION CHART»	3B38	CLIP top ALUMINUM DOOR 120°	2 FURNITURE EQUIPMENT
3B4	BLUMOTION 973A FOR DOORS	3B39	CLIP top INSET BLIND CORNER 95°	3 HINGES
3B5	BLUMOTION 971A FOR DOORS	3B40	CLIP top OVERLAY BLIND CORNER 95°	4 SLIDES
3B6-3B8	BLUMOTION 970A, 970 FOR DOORS AND ADAPTER PLATES	3B41	SCREW-ON HINGE - 95° for ALUMINUM DOORS - SELF-CLOSING	5 CASTERS AND LEGS
3B8-3B9	BLUMOTION ADAPTER PLATES AND JIGS	3B42	CLIP top DIAGONAL 45°	6 KITCHEN SOLUTIONS
3B10-3B11	USING THIS SECTION	3B43	CLIP 100°	7 CLOSET SOLUTIONS
3B12	CLIP & CLIP top GENERAL SPECIFICATIONS	3B44	CLIP top MINI 94°	8 LIGHTING SOLUTIONS
3B13	110° CLIP top BLUMOTION	3B45	CLIP GLASS DOOR 94°	9 SINKS AND FAUCETS
3B14	110° PLUS CLIP top BLUMOTION HINGES	3B46	CLIP top HINGE 60° BI-FOLD	10 OFFICE
3B15	CLIP top BLUMOTION HINGE FOR THICK DOORS	3B47	CLIP AND CLIP top COVER CAPS	11 SLIDING DOORS
3B16	CLIP top BLUMOTION HINGE FOR BLIND CORNERS	3B48	ANGLED HINGE PROGRAM	12 GLASS HARDWARE
3B17	CLIP top BLUMOTION HINGE FOR ALUMINUM FRAMED DOOR	3B49-3B50	ANGLED CABINET CONFIGURATIONS	13 PANELS AND SURFACES
3B18	15° ANGLE CLIP top BLUMOTION HINGE	3B51	ANGLED-TO-STYLE CROSS REFERENCE	14 EDGE- BANDING
3B19	15° NEGATIVE ANGLE CLIP top BLUMOTION HINGE	3B52	CLIP ANGLE CROSS CORNER 45°	15 CABINET DOORS AND DRAWERS
3B20	20° ANGLE CLIP top BLUMOTION HINGE	3B53-3B55	CLIP MOUNTING PLATES	16 CORBELS AND FLOOR REGISTERS
3B21	30° ANGLE CLIP top BLUMOTION HINGE	3B56-3B57	CLIP FACE FRAME ADAPTER PLATES	17 GLUES, SILICONES, CAULK AND INSULATING
3B22	30° ANGLE III CLIP top BLUMOTION HINGE			18 TOOLS AND SECURITY
3B23	30° NEGATIVE ANGLE CLIP top BLUMOTION HINGE	3C1	COMPACT HINGES GENERAL SPECIFICATIONS	19 FINISHING PRODUCTS AND SHOP SUPPLIES
3B24	45° ANGLE I CLIP top BLUMOTION HINGE	3C2-3C3	COMPACT BLUMOTION FOR DOORS	20 COMMERCIAL DISPLAY HARDWARE
3B25	45° ANGLE II CLIP top BLUMOTION HINGE	3C4	COMPACT 38N, 105°	21 MOLDING, RAILING AND BATHROOM HARDWARE
3B26	45° ANGLE III CLIP top BLUMOTION HINGE	3C5	COMPACT 38C, 107°	
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3B28	CLIP top 107°	3C7	COMPACT 39C, 110°	
3B29	CLIP top 110°	3C8	COMPACT 33, 110°	
3B30	CLIP top 110° +	3C9	COMPACT 33 MOUNTING PLATES	
3B31	CLIP top 120°			
3B32	CLIP top 120° +	3D1-3D2	JIG AND TEMPLATE	
3B33	CLIP top 125° ZERO-PROTRUSION FOR THICK DOOR HINGE			
3B34	CLIP top HINGE - ZERO PROTRUSION			
3B35-3B36	CLIP top 170° AND SPECIAL APPLICATIONS 170°			

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BLUMOTION for Doors

The BLUMOTION closes cabinet 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
- It's integrated overload safety feature protects the system from damage due to improper use

OVERVIEW

BLUMOTION 973A - CLIP ON



- Straight hinge arms
- Cranked hinge arms
- Full cranked hinge arms
- Wide angle hinge arms
- Angle hinge arms

BLUMOTION 971A - CLIP ON - IN ADAPTER PLATE FOR OVERLAY APPLICATION



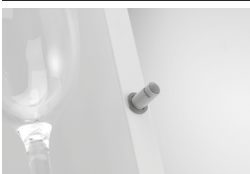
- Chipboard screws
- Expando
- Knock-in dowel

BLUMOTION 970A - FOR DRILLING, HINGE SIDE



- For drilling
- With adapter plates

BLUMOTION 970 - FOR DRILLING, HANDLE SIDE



- For drilling
- With adapter plates

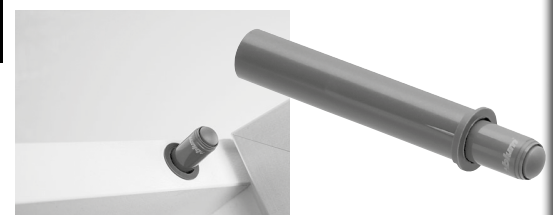


HINGE			APPLICATION							
		Standard door		973A0500		970A1002		973A0600	970A1002	
		Standard door special		973A0500	971AXXX	970A1002				
		Standard door		973A0500		970A1002		973A0600	970A1002	
		Standard door		973A0500		970A1002		973A0600	970A1002	
		Standard door		973A6000		970A1002		973A6000	970A1002	
		0-protrusion hinge		973A6000		970A1002				
		Profile door		973A0500		970A1002		973A0600	970A1002	
		Blind corner				970A1002				
		Alu frame door for BLUMOTION		973A0500		970A1002			970A1002	
		Alu frame door for BLUMOTION		973A05001		970A1002			970A1002	
		Glass door			971AXXX	970A1002			970A1002	
		Mini			971AXXX	970A1002			970A1002	
		Angled hinge +45° I, +45° II, 30° II		973AXXX		970A1002				
		Angled hinge remaining types				970A1002				



recommended
 possible

For more details on all
BLUMOTION
see following pages



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BLUMOTION 973A

BLUMOTION 973A, in combination with CLIP and CLIP top hinges, is the ideal solution for perfect door motion. Assembly and removal can be carried out by hand.

- Easily assembles onto the hinge arm
- CLIP function remains intact when BLUMOTION is added
- Tool-free removal enables you to make hinge adjustments

BLUMOTION 973A - FOR HINGES WITH A STRAIGHT HINGE ARM



- CLIP 100°
- CLIP top 107°
- CLIP top 120°
- CLIP top 120° special
- CLIP top profile door
- CLIP top for aluminum frame door

BLUMOTION 973A - FOR HINGES WITH A 1/2 CRANKED HINGE ARM



- CLIP 95°
- CLIP 100°
- CLIP top 107°
- CLIP top 120°
- CLIP top profile door

BLUMOTION 973A - FOR ANGLED HINGES



- Angle CLIP 37° (79A9597180)
- Angle CLIP 45° (79A9698180)

BLUMOTION 973A - FOR HINGES WITH A FULLY CRANKED HINGE ARM



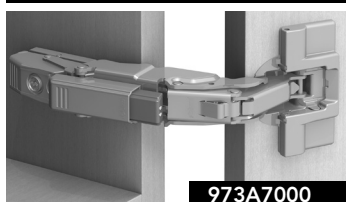
- CLIP 100°
- CLIP top 107°
- CLIP top profile door

BLUMOTION 973A - FOR WIDE ANGLE HINGES WITH A STRAIGHT OR 1/2 CRANKED HINGE ARM



- CLIP top 170° – straight arm
- CLIP top 170° – cranked
- CLIP top 155° 0 – protrusion hinge

BLUMOTION 973A - FOR WIDE ANGLE HINGES WITH A STRAIGHT OR 1/2 CRANKED HINGE ARM



- CLIP top 170° – straight arm
- CLIP top 170° – cranked
- CLIP top 155° 0 – protrusion hinge

I Hinges | CLIP and CLIP top Hinges

BLUMOTION 971A for Doors



Richelieu
Section 3B

BLUMOTION 971A

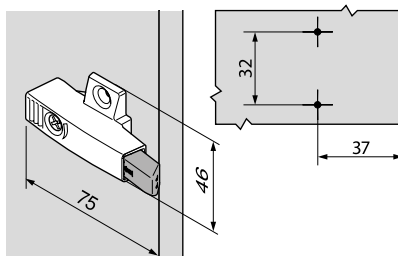
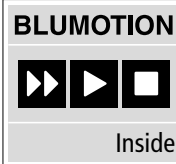
BLUMOTION 971A can be used with CLIP top and CLIP straight arm hinges. For optimal BLUMOTION effect, it should be attached centrally between the hinges. For high and heavy doors, we recommend using an additional BLUMOTION 971A between an additional hinge pair. Door gap adjustment needs to be replicated on the 971, this is easily achieved via a spiral screw depth adjustment feature (+3/-7 mm).

BLUMOTION 971A

With a wing base assembly (37/32)

- Assembly using chipboard screws Ø 3 mm or Ø 4 mm
- Material: Zinc, nickel plated

PRODUCT	HEIGHT	QTY/BOX
971A0500*	25 mm	1



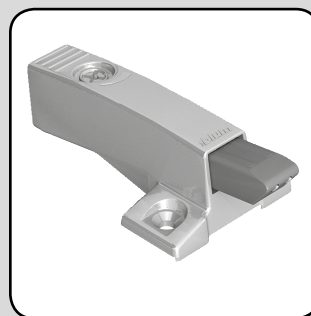
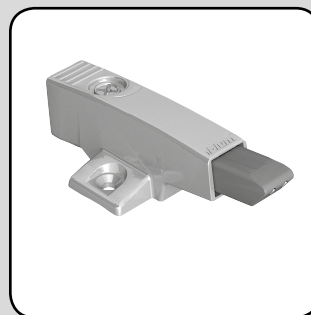
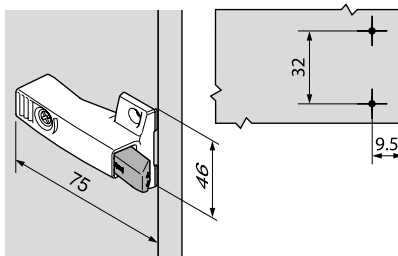
BLUMOTION 971A

BLUMOTION 971A

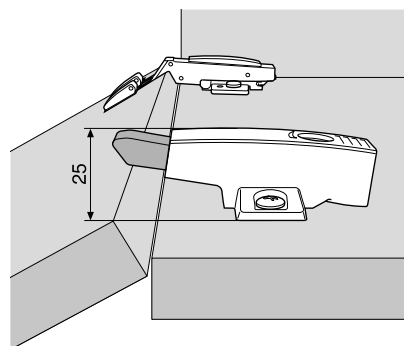
With a cruciform base assembly (9.5/32)

- Assembly using chipboard screws Ø 3 mm or Ø 4 mm
- Material: Zinc, nickel plated

PRODUCT	CONSTRUCTION HEIGHT	QTY/BOX
971A0700	25 mm	1



Construction height 25 mm

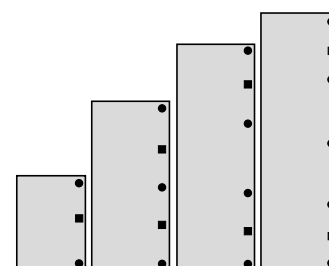


For all hinges with a straight hinge arm and a 0 mm spaced mounting plate.

Exception: Profile door hinge 95°.

Assembly positions

The following figures provide the recommended BLUMOTION 971A assembly positions for doors with two or more hinges.



- BLUMOTION 971AXXXX
- Hinges

I Hinges | CLIP and CLIP top Hinges

BLUMOTION for Doors

Richelieu
Section 3B



BLUMOTION 970A for Doors

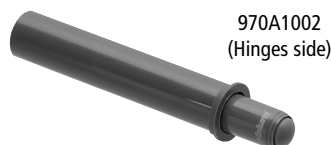
- Perfecting movement, quiet and easy
- For drilling or in combination with adapter plate

FOR DRILLING HINGES SIDE

PRODUCT	COLOR	BORING Ø	QTY/BOX
970A1002	Gray	10 mm	50

BLUMOTION 970A (970A1002)

BLUMOTION 970A is located onto the hinge side, and produces the same perfect motion – even for angled hinges. The BLUMOTION 970A should be inserted into a pre-drilled hole, located in the cabinet top panel. The correct position is set using the drilling distance (BA). If the BLUMOTION effect, on a particular door width, is insufficient, we recommend installing an additional BLUMOTION 970A to the bottom panel.



970A1002
(Hinges side)

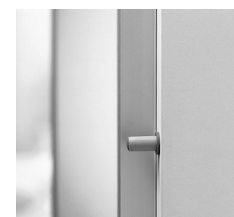


We recommend BLUMOTION 973A or BLUMOTION 971A for exceptionally heavy or high cabinet doors.

BLUMOTION 970A DRILLING DISTANCE

Standard application

		BA in mm		BA in mm		BA in mm		BA in mm
MD	0 mm	32	0 mm	41	0 mm	50		
MD	3 mm	35	3 mm	44	3 mm	53	3 mm	51
MD	6 mm	38	6 mm	47				
MD	9 mm	41	9 mm	50				

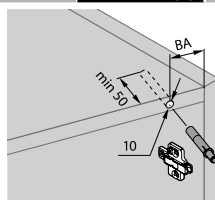


MD: Mounting plate spacing

BA: Drilling distance

Drilling distance

The following table provides the corresponding drilling distance for each angled application.



Drilling distance (BA) in mm

N° 12 54

Angled application



970A1002
(Hinges side)

SEE ALSO « ANGLED-TO-STYLE CROSS REFERENCE » CHART AT PAGE 3B46

Angled application

		BA in mm		BA in mm		BA in mm		BA in mm		BA in mm
50°	N° 25	48	N° 54	48	N° 10	41	N° 45	33	N° 61	
45°	N° 24	48	N° 53	48	N° 9	41	N° 44	33	N° 60	
40°	N° 23	48			N° 8	41	N° 43	33		
35°	N° 22	48	N° 52	48	N° 7	41	N° 42	33	N° 59	
30°	N° 21	48	N° 51	48	N° 6	41	N° 41	33	N° 58	
25°	N° 20	48	N° 50	48	N° 5	37	N° 40	33	N° 57	
20°	N° 19	48	N° 49	48	N° 4	37	N° 39	33	N° 56	
15°	N° 18	48	N° 48	48	N° 3	33	N° 38	33	N° 55	
10°	N° 17	48	N° 47	48	N° 2	33	N° 37	33		
5°	N° 16	37	N° 46	37	N° 1	33	N° 36	33		
-5°	N° 15	48					N° 35	37		
-10°	N° 14	54					N° 34	33		
-15°	N° 13	54					N° 33	33		
-20°	N° 12	54					N° 32	37		
-25°	N° 11	54					N° 31	33		
-30°							N° 30	33		
-35°							N° 29	37		
-40°							N° 28	37		
-45°							N° 27	37		
-50°							N° 26	45		

I Hinges | CLIP and CLIP top Hinges

BLUMOTION for Doors

Cabinets can be opened with a light touch and can be closed by simply pressing the front.

TIP-ON Short Version for Doors

- For overlay doors up to approximately 1300 mm (51-1/4") height.

PRODUCT	QTY/BOX
9561004	1

- With magnet
- For drilling diameter 10 x 50 mm
- Output path 17 mm

In-line Adapter Short Version

PRODUCT	QTY/BOX
9561201	1

Tip-On Long Version for Doors

- For overlay doors starting at approximately 1300 mm (51-1/4") height or inset doors.

PRODUCT	QTY/BOX
956A1004	1

- With magnet
- For drilling diameter 10 x 76 mm
- Output path 38 mm

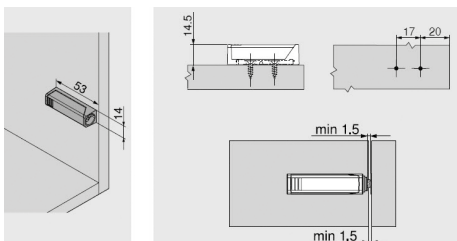
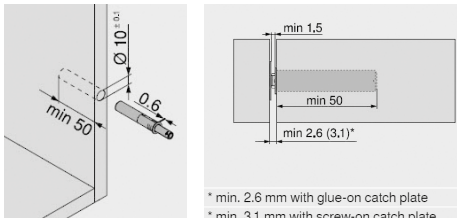
In-line Adapter Long Version

PRODUCT	QTY/BOX
956A1201	1

ASSEMBLY POSITION



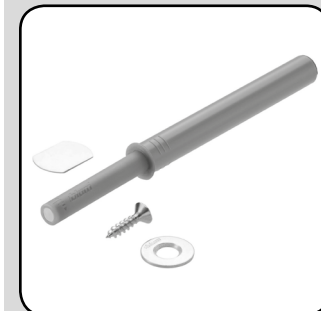
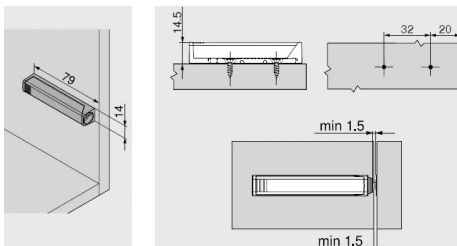
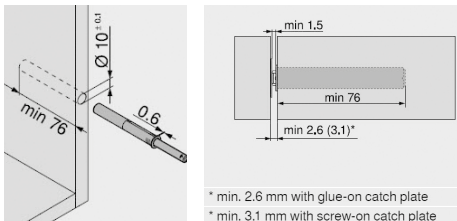
Optimal opening support is ensured when the TIP-ON unit is attached in the correct handle position. This can deviate ± 300 mm vertically and up to a quarter of the cabinet width horizontally.



ASSEMBLY POSITION



Optimal opening support is ensured when the TIP-ON unit is attached in the correct handle position. This can deviate ± 300 mm vertically and up to a quarter of the cabinet width horizontally.



I Hinges I

CLIP and CLIP top Hinges

BLUMOTION for Doors



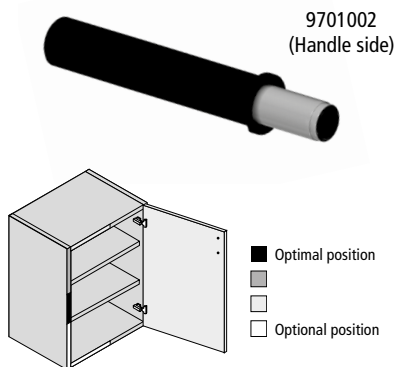
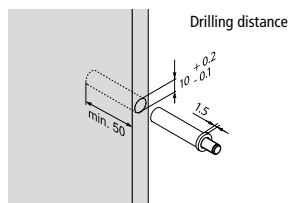
Richelieu
Section 3B

BLUMOTION 970 for Doors

- Perfecting movement, quiet and easy
- For drilling or in combination with adapter plate

FOR DRILLING HANDLE SIDE

PRODUCT	COLOR	BORING Ø	QTY/BOX
9701002	Gray	10 mm	50



ADAPTER PLATES (OPTIONAL)

BLUMOTION adapter plates 970XXXX are required for the following applications:



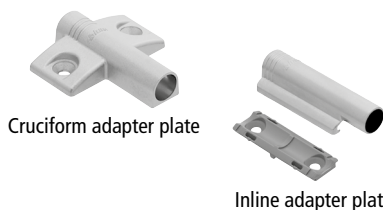
Inset application



Angled application,
inset



Angled application,
mitered

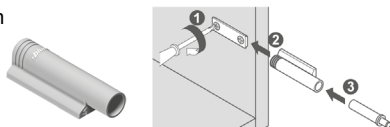


Cruciform adapter plate

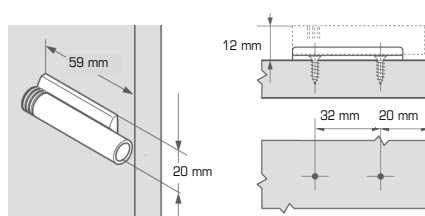
Inline adapter plate

In-Line Adapter Plate

- plate version



PRODUCT	FINISH	QTY/BOX
9705201	Nickel	50

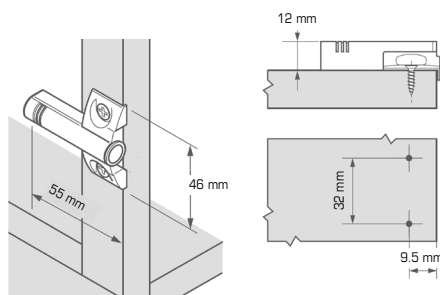


Cruciform Adapter Plate

- Screw-on version



PRODUCT	FINISH	QTY/BOX
9705701	Nickel	50

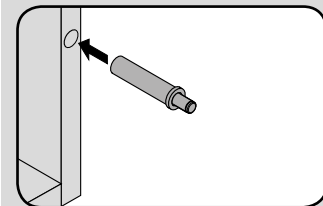
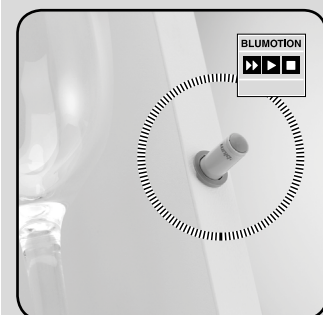
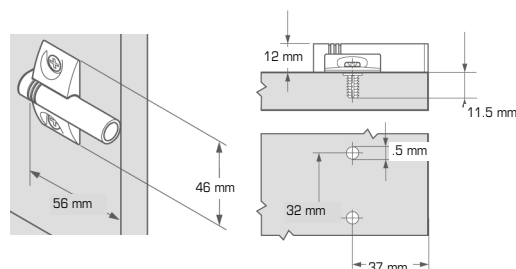


Cruciform Adapter Plate

- Expando split dowel

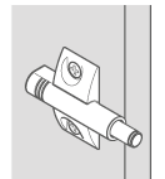
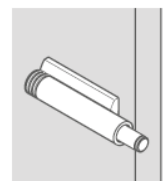
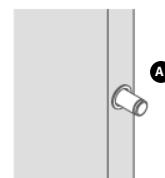


PRODUCT	FINISH	QTY/BOX
97055E1	Nickel	50



With the BLUMOTION mechanism for doors, all doors close slowly and quietly. It can be installed in the edge of the door or using an adapter inside the furniture. These optional adapters can be used with 970A1002 (hinges side) or 9701002 (handle side).

For drilling (A) or in combination with adapters plates (B)



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I Hinges | CLIP and CLIP top Hinges

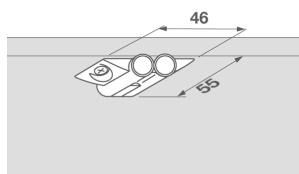
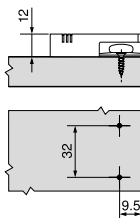
BLUMOTION for Doors



Richelieu
Section 3B

Cruciform Double Adapter Plate

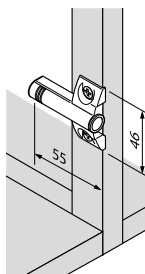
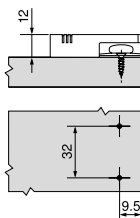
- Screw-on version
- For two-door cabinet without a partition
- Not for use with 970A1002



PRODUCT	FINISH	QTY/BOX
9706701	Nickel	50

Cruciform Adapter Plate

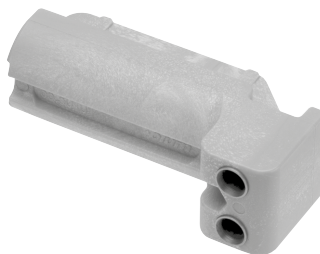
- Screw-on version



PRODUCT	FINISH	QTY/BOX
9705701	Nickel	50

BLUMOTION Hinge Side Drilling Jig

- For 10 mm diameter drilling
- Drilling jig for BLUMOTION 970A1002 mechanism
- For the processing of: top and bottom cabinet panel

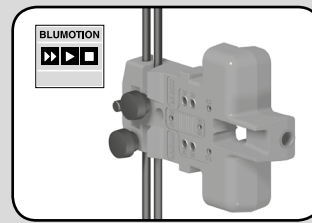
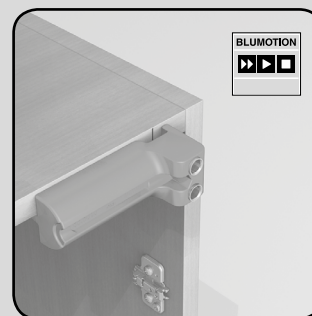
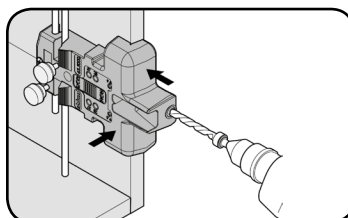
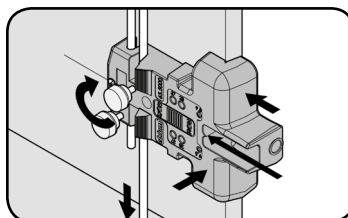
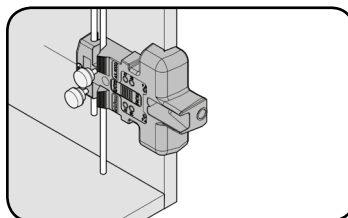


PRODUCT	COLOR	QTY/BOX
655010	Orange	1

BLUMOTION Drilling Jig

- For BLUMOTION 9701002 installation

PRODUCT	COLOR	QTY/BOX
655000	Orange	1



Using the drilling jig, BLUMOTION assembly is a snap: both horizontal drilling and adapter plate mounting hole boring can be completed easily.

I Hinges | CLIP and CLIP top Hinges

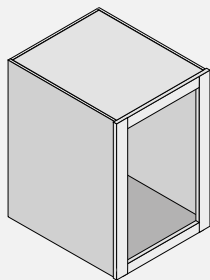
Using this Section

Richelieu
Section 3B

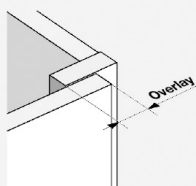
Face frame cabinets

Step 1: Determine cabinet construction

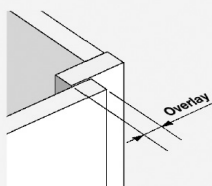
Face frame cabinet



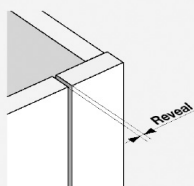
Step 2: Determine the overlay or reveal



Overlay door



Partial Overlay door

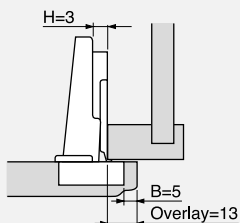


Inset door

Step 3: Find boring distance and mounting plate height in the table. Example:

Overlay table									
0	14	15	16	17	11.5	20.5			
3	11	12	13	14	14.5	23.5			
4.5	9.5	10.5	11.5	12.5	16	25			
6	8	9	10	11	17.5	26.5			
9	5	6	7	8	20.5	29.5			
H	3	4	5	6	P	S			
Plate	B Bore distance				Clearance				

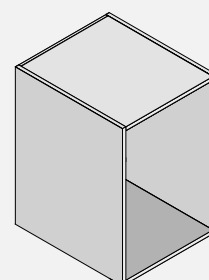
11 fixed distance



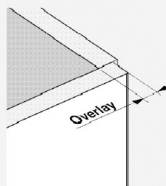
Panel cabinets

Step 1: Determine cabinet construction

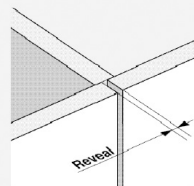
Panel cabinet



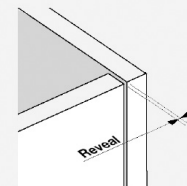
Step 2: Determine the overlay or reveal



Overlay door



Twin doors

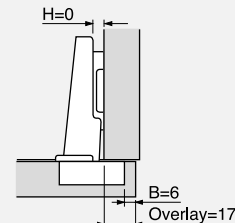


Inset door

Step 3: Find boring distance and mounting plate height in the table. Example:

Overlay table									
0	14	15	16	17	11.5	20.5			
3	11	12	13	14	14.5	23.5			
4.5	9.5	10.5	11.5	12.5	16	25			
6	8	9	10	11	17.5	26.5			
9	5	6	7	8	20.5	29.5			
H	3	4	5	6	P	S			
Plate	B Bore distance				Clearance				

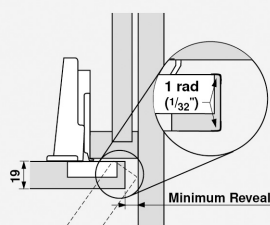
11 fixed distance



Step 4: Check minimum reveal table

All minimum reveal tables are based on square edge doors with a 1mm radius.
A larger radius or profile door will reduce the minimum reveal. Trial recommended.

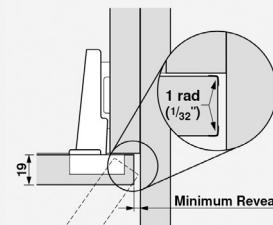
Minimum reveal table						
1.2	1.7	2.0	2.4	3.3	3	
1.2	1.7	2.0	2.3	3.1	4	
1.1	1.6	1.9	2.2	3.0	5	
1.1	1.6	1.9	2.2	2.9	6	
16	18	19	20	22	B	
T Door thickness					Bore	



Step 4: Check minimum reveal table

All minimum reveal tables are based on square edge doors with a 1mm radius.
A larger radius or profile door will reduce the minimum reveal. Trial recommended.

Minimum reveal table						
1.2	1.7	2.0	2.4	3.3	3	
1.2	1.7	2.0	2.3	3.1	4	
1.1	1.6	1.9	2.2	3.0	5	
1.1	1.6	1.9	2.2	2.9	6	
16	18	19	20	22	B	
T Door thickness					Bore	



Step 5: Select hinge

STRAIGHT-ARM HINGES

	Self close
Screw-on	71T555180
Press-in	71T558180
Expando	71T558E180
INSERTA	71T559180

Step 5: Select hinge

STRAIGHT-ARM HINGES

	Self close
Screw-on	71T555180

I Hinges |

CLIP and CLIP top Hinges

Using this Section

Richelieu
Section 3B

CLIP 100°

- 100° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 50/250

See also

Cover caps	See page 3847
Mounting plates	See page 3853 to 55
BLUMOTION for doors	See page 382 to 9

Minimum reveal table

0.5	0.9	1.1	1.4	2.3	3.6	3
0.5	0.8	1.0	1.3	2.0	3.3	4
0.4	0.8	1.0	1.2	1.8	3.0	5
0.4	0.8	.9	1.1	1.7	2.8	6
16	18	19	20	22	24	B
Door thickness						Bore

Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.

Frame cabinet applications

Overlay door

Panel cabinet applications

Overlay door

Partial overlay door

Twin overlay doors

Inset door

Inset door

Straight-arm hinges

	Self close	Free swing
Screw-on	71M255180	70M255180
Screw-on with plate	BP71M25521180	-
Press-in	71M258180	70M258180
INSERTA	71M259180	-

Overlay table

0	14	15	16	17	9	20
3	11	12	13	14	12	23
4.5	9.5	10.5	11.5	12.5	13.5	24.5
6	8	9	10	11	15	26
9	5	6	7	8	18	29
H	3	4	5	6	P	S
Plate	B Bore distance			Clearance		

NOTE: 4.5 plate only available for face frame, 9 plate only available for panel cabinets

Half-ported hinges (9.5mm)

	Self close	Free swing
Screw-on	71M265180	70M265180
Screw-on with plate	BP71M26521180	-
Press-in	71M268180	-
INSERTA	71M269180	-

Reveal table

0	7	5	3	1	16	18.5	30
10	8	6	4	19	-	-	-
H	3	4	5	6	W	P	S
Plate	B Bore distance			Panel Clearances			

Overlay table

0	4.5	5.5	6.5	7.5	18.5	30
H	3	4	5	6	P	S
Plate	B Bore distance			Clearances		

1.5 fixed distance

Full-ported hinges (18mm)

	Self close	Free swing
Screw-on	71M275180	70M275180
Screw-on with plate	BP71M27521180	-
Press-in	71M278180	70M278180
INSERTA	71M279180	-

Reveal table

0	4	3	2	1	27	38
H	3	4	5	6	P	S
Plate	B Bore distance			Clearances		

NOTE: On frame application use a half-ported hinge from above and mounting plate 175H53021180

CCRMUS 2017

Page 3B43

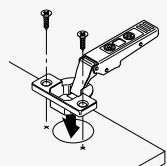
I Hinges I

CLIP and CLIP top Hinges

General Specifications

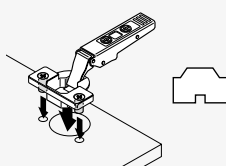
Hinge-to-door attachment

Screw-on



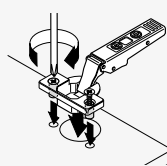
Use #6 wood screws

Press-in



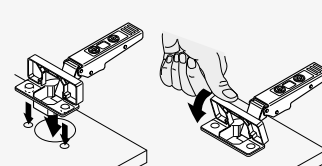
Pre-attached dowels
installed with Blum MINIPRESS

EXPANDO



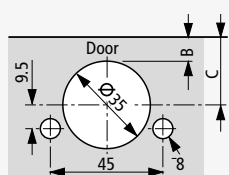
Pre-attached
expanding dowels

INSERTA



Tool-free attachment

Hinge cup centerpoint

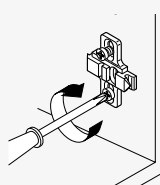


C Cup centerpoint							
20.5	21.5	22.5	23.5	24.5	25.5		
3	4	5	6	7*	8*		
B Bore distance							

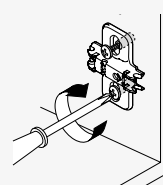
* only for use with select Blum hinges

Cup centerpoint is the MINIPRESS or
MINIDRILL fence depth position.

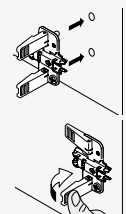
Mounting plate-to-cabinet



Screw-on



EXPANDO

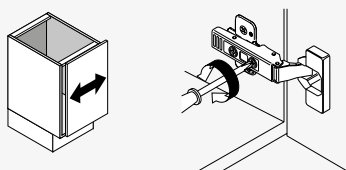


INSERTA

Three-dimensional adjustment

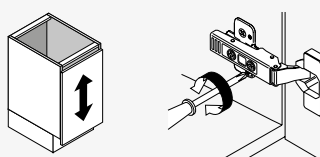
Side adjustment

Turn front screw to increase or decrease door
overlay (+/-2mm).



Height adjustment

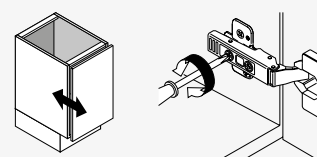
Rotate cam Screw-on mounting plate to adjust door
position (+/-2mm).



On non-cam mounting plates, loosen screw,
adjust door and retighten screws.

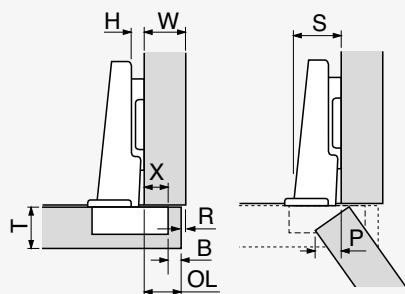
Depth adjustment

Turn rear spiral-tech cam screw to adjust door
position (+3mm, -2mm).



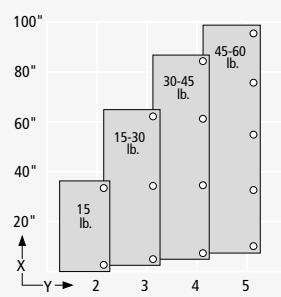
For CLIP, loosen rear screw, adjust and retighten.

Hinge dimension abbreviations



B = Boring distance
H = Mounting plate height
OL = Door overlay
P = Door protrusion
(at max opening)
R = Reveal
S = Hinge arm protrusion
T = Door thickness
W = Side panel width
X = Fixed distance

Hinges per door



X = Door height
Y = Number of hinges

This chart can serve as a guide
for determining the number of
hinges per door. Note that door
weight can also determine the
number of hinges required.

Important:
The distance between the
two hinges must be greater
than the width of the door
for maximum stability.

I Hinges I

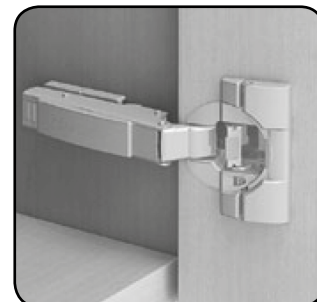
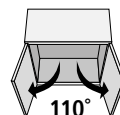
CLIP and CLIP top Hinges



Richelieu Section 3B


110° CLIP top BLUMOTION

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- All metal hinge, nickel plated
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly

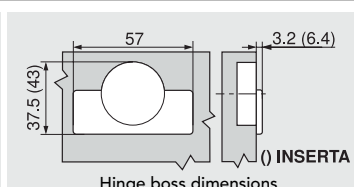
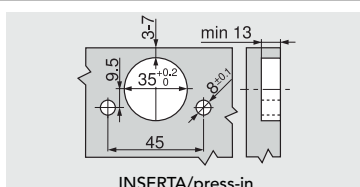
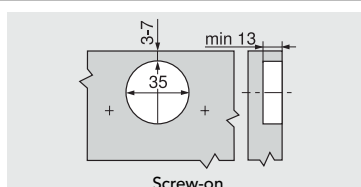


See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum gap (F) for fronts with a front radius (R = 1 mm) based on the factory setting																		
	Drilling distance TB	3	Front thickness FS														28	30
			16	18	19	20	21	22	23	24	25	26						
			0.5	0.8	1.0	1.2	1.5	1.8	2.2	2.7	3.5	4.3						
			0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.5	3.1	3.8						
			0.5	0.8	0.9	1.2	1.4	1.7	2.0	2.4	2.9	3.4						
			0.5	0.8	0.9	1.2	1.3	1.6	1.9	2.3	2.7	3.2						
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 for + 2 mm side adjustment																		
			+0.2	+0.4	+0.4	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5							

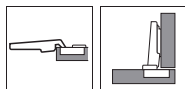
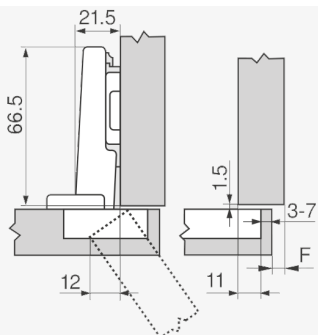
In these cases a trial is recommended



Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm). Hinge and door protrusion at full opening angle.

Overlay application

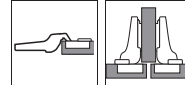
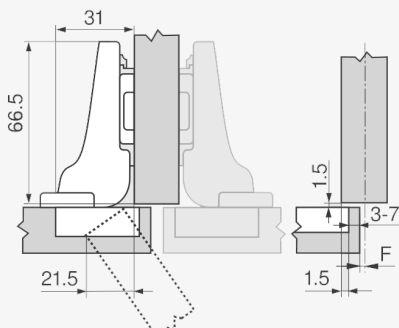


Drilling distance																		
Front overlay																		
	-	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
0											3	4	5	6	7			
3									3	4	5	6	7					
6					3	4	5	6	7									
9		3	4	5	6	7												
↑	Mounting plate																	

Overlay applications

	Self close
Screw-on	71B355180
Press-in	71B358180
INSERTA	71B359180

Dual application

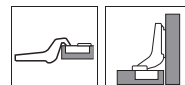
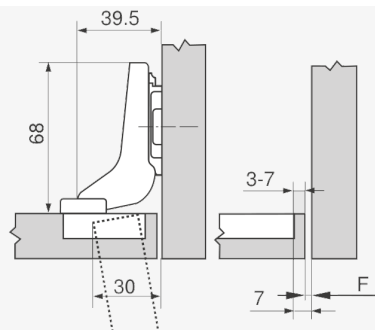



Drilling distance																	
Front overlay																	
	-	-4.5	-3.5	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5
0												3	4	5	6	7	
3									3	4	5	6	7				
6					3	4	5	6	7								
9		3	4	5	6	7											
Mounting plate																	

Dual applications

	Self close
Screw-on	71B365180
Press-in	71B368180
INSERTA	71B369180

Inset application



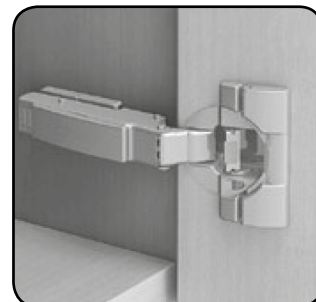
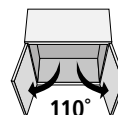
Drilling distance		Front overlay															
 Mounting plate											-4	-3	-2	-1	0		
	0										3	4	5	6	7		
	3																
	6																
	9																


Inset applications

	Self close
Screw-on	71B375180
Press-in	71B378180
INSERTA	71B379180

110° Plus CLIP top BLUMOTION Hinges

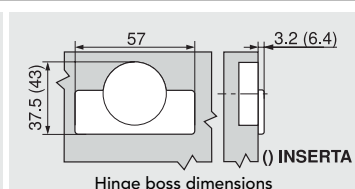
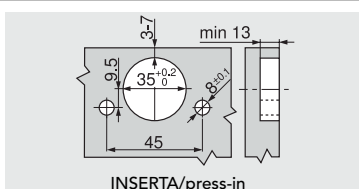
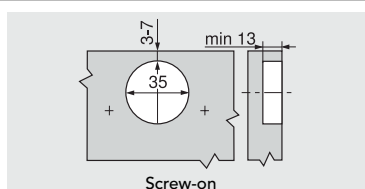
- Hinge with larger overlay capacity for thick cabinet sides
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- All metal hinge, nickel plated
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly



Minimum gap (F) for fronts with a front radius (R = 1 mm) based on the factory setting														
		Drilling distance TB	Front thickness FS										In these cases a trial is recommended	
			16	18	19	20	21	22	23	24	25	26		28
	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 for + 2 mm side adjustment														
	+ 0.2	+ 0.4	+ 0.4	+ 0.5	+ 0.5	+ 0.5	+ 0.5	+ 0.5	+ 0.5	+ 0.5	+ 0.5			

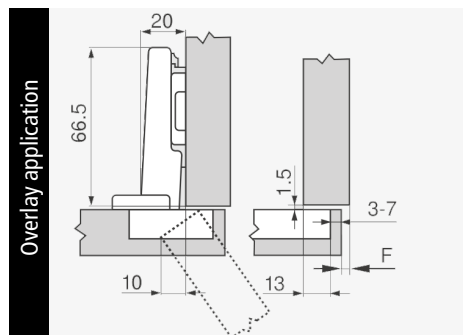
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm). Hinge and door protrusion at full opening angle.



Drilling distance

Front overlay		-	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0												3	4	5	6	7
3									3	4	5	6	7			
6						3	4	5	6	7						
9		3	4	5	6	7										

Mounting plate

Overlay applications

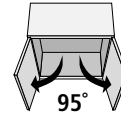
Self close	
Screw-on	73B355180
Press-in	73B358180
INSERTA	73B359180

I Hinges | CLIP and CLIP top Hinges


Richelieu
Section 3B

CLIP top BLUMOTION Hinge for Thick Door

- Hinge for thick doors and doors with profile
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top with or without closing mechanism (spring)
- All metal hinge, nickel plated
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly

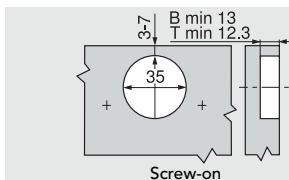


Minimum gap (F) for fronts with a front radius (R = 1 mm) based on the factory setting

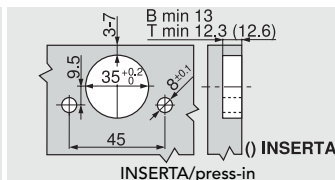
	Drilling distance FB	Front thickness FS												
		16	18	19	20	22	24	26	28	29	30	31	32	
		3	0.2	0.3	0.4	0.5	0.8	1.0	1.5	1.9	2.8	3.6	4.5	5.4
		4	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.5	3.1	4.0	4.8
		5	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.3	2.7	3.5	4.3
		6	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.2	2.5	3.2	3.8
		7	0.2	0.3	0.4	0.5	0.7	0.9	1.4	1.7	2.1	2.4	3.0	3.5
		Additional for + 2 mm side adjustment												
	+0.1	+0.2	+0.2	+0.2	+0.3	+0.4	+0.4	+0.5	+0.4	+0.4	+0.4	+0.3		

See also

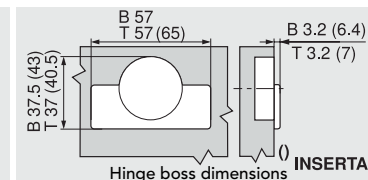
Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Screw-on



INSERTA/press-in

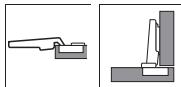
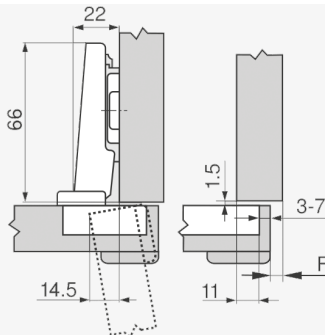


Hinge boss dimensions

Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm). Hinge and door protrusion at full opening angle.

Overlay application

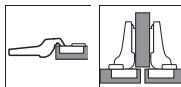
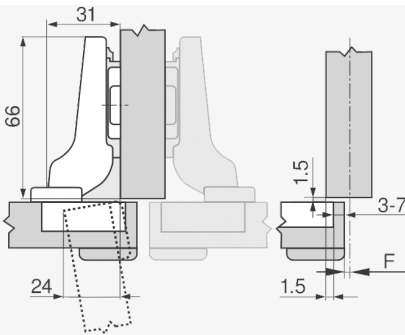


Drilling distance

Front overlay																		
	-	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
0												3	4	5	6	7		
3									3	4	5	6	7					
6					3	4	5	6	7									
9		3	4	5	6	7												

Mounting plate

Dual application

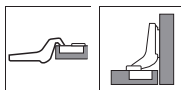
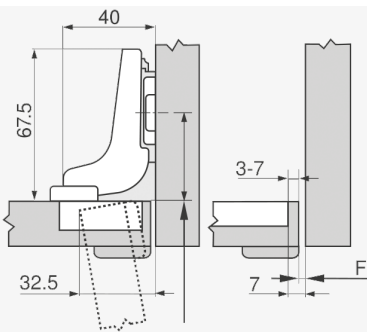


Drilling distance

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			
0													3	4	5	6	7	
3													3	4	5	6	7	
6						3	4	5	6	7								
9			3	4	5	6	7											

Mounting plate

Inset application



Drilling distance

Front overlay																		
													-4	-3	-2	-1	0	
0													3	4	5	6	7	
3																		
6																		
9																		

Mounting plate

Overlay applications

		Self close
Screw-on		71B955180
Press-in		71B958180
INSERTA		71B959180

Dual applications

		Self close
Screw-on		71B965180
Press-in		71B968180
INSERTA		71B969180

Inset applications

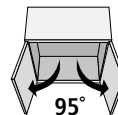
		Self close
Screw-on		71B975180
Press-in		71B978180
INSERTA		71B979180

CCRMUS 2017



CLIP top BLUMOTION Hinge for Blind Corner

- Hinge for blind corner applications
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly

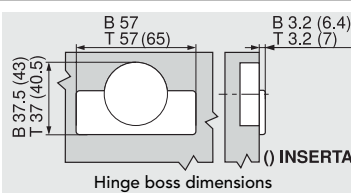
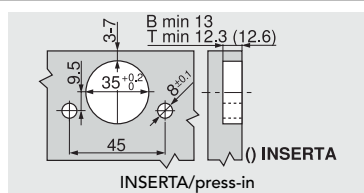


Minimum gap (F) for fronts with a front radius (R = 1 mm) based on the factory setting

	Drilling distance TB	Front thickness FS											
		16	18	19	20	22	24	26	28	29	30	31	32
	3	0.2	0.3	0.4	0.5	0.8	1.0	1.5	1.9	In these cases a trial is recommended			
	4	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8				
	5	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8				
	6	0.2	0.3	0.4	0.5	0.7	1.0	1.4	1.8				
	7	0.2	0.3	0.4	0.5	0.7	0.9	1.4	1.7				

See also

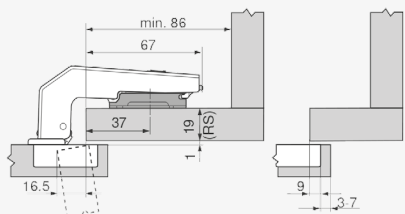
Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 3 mm). Hinge and door protrusion at full opening angle.

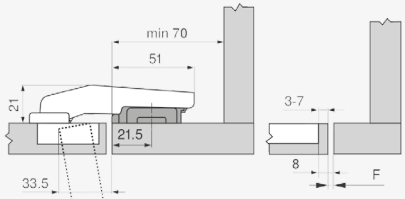
Overlay application



Overlay applications

	Self close
PRESS-IN	79B998180

Inset application

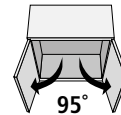


Inset applications

	Self close
Screw-on	79B955180
Press-in	79B958180
INSERTA	79B959180

CLIP top BLUMOTION Hinge for Aluminum Framed Door

- Hinge for narrow alu frame doors
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- Boss fixing screws are included



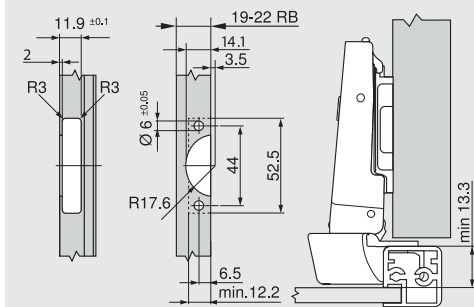
Minimum gap (F) for aluminum frame fronts (R = 1 mm) based on the factory setting

		Frame thickness RS																
		18	19	20	21	22	24	25	26	27	28	30	32					
Side frame width RB	18	0.2	0.3	0.4	0.6	0.7	1.2	In these cases a trial is recommended										
	19	0.2	0.3	0.4	0.6	0.7	1.2											
	20	0.2	0.3	0.4	0.5	0.7	1.1											
	21	0.2	0.3	0.4	0.5	0.7	1.0											
	22	0.2	0.3	0.4	0.5	0.7	1.1											
		Additional for + 2 mm side adjustment																
		+ 0.1	+ 0.2	+ 0.3	+ 0.3	+ 0.3	+ 0.4											

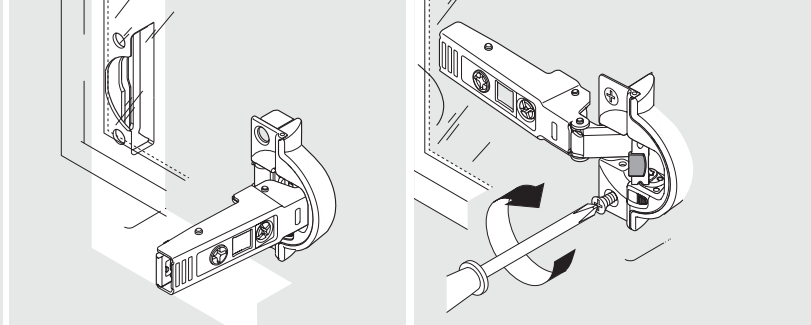
See also

Cover caps	See page 3847
Mounting plates	See page 3853 to 55
BLUMOTION for doors	See page 382 to 9

Screw-on



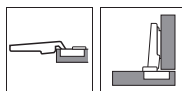
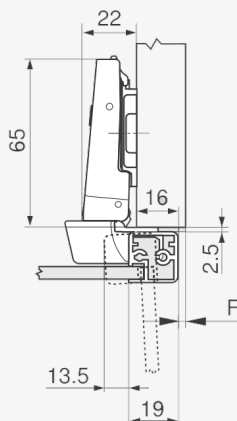
Assembly



Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm). Hinge and door protrusion at full opening angle.

Overlay application



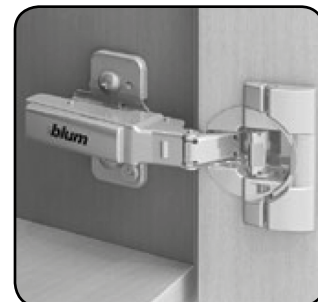
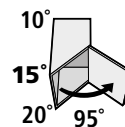
Overlay applications

	Self close
Screw-on	71B950180



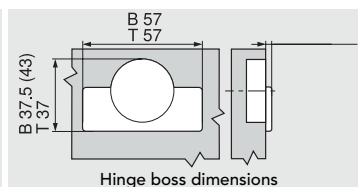
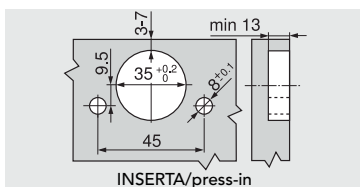
15° Angle CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: +10°, +15°, +20°
- All metal hinge, nickel plated
- +15° III angled hinge
- 95° opening angle 3-dimensional front adjustment



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Planning

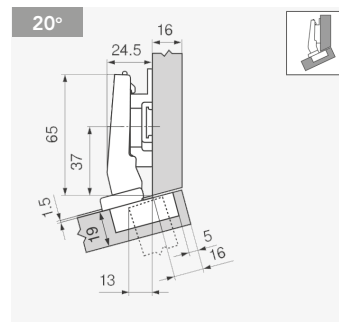
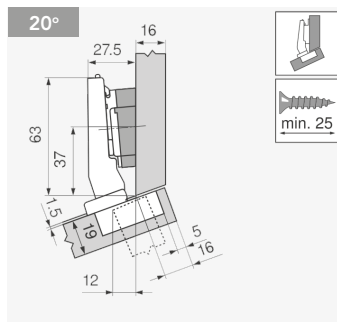
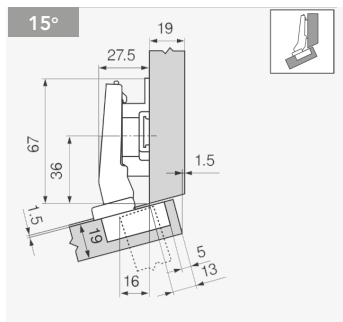
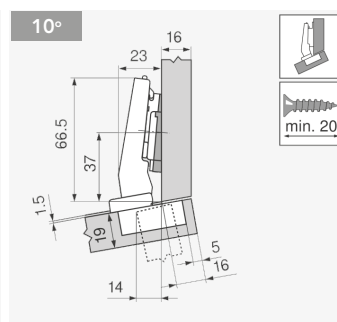
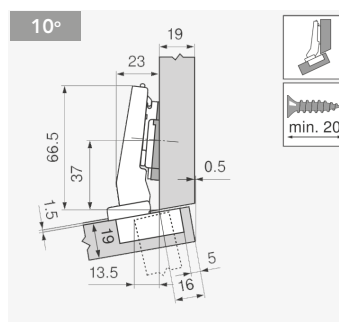
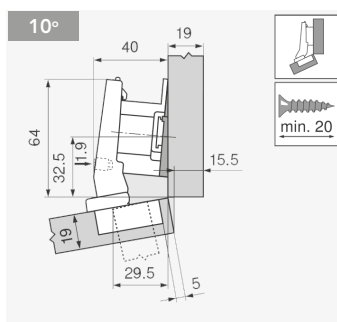
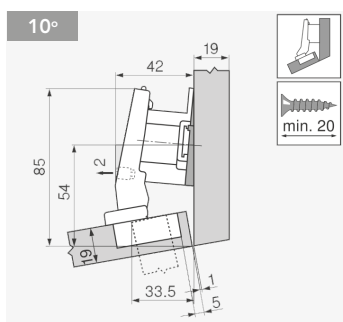
These dimensions are based on a 19 mm thick door and cabinet. Dimensions would need to be altered if thickness varied from 19 mm. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

Overlay applications

Self close

INSERTA

79B9494180



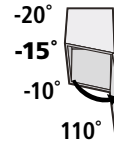
I Hinges | CLIP and CLIP top Hinges



Richelieu Section 3B

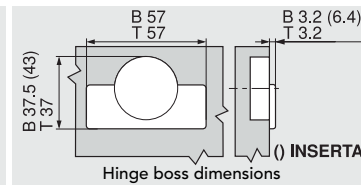
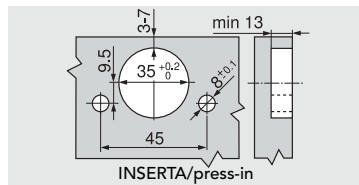
15° Negative Angle CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- -15° III angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: -10°, -15°, -20°



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Planning

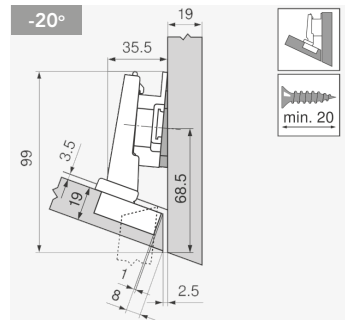
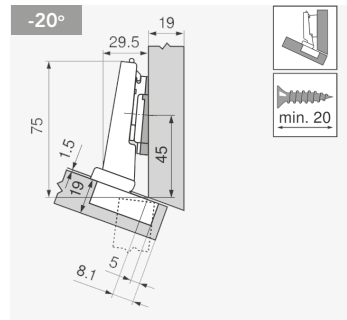
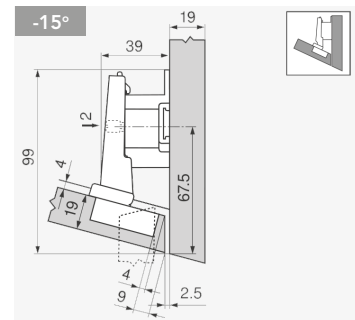
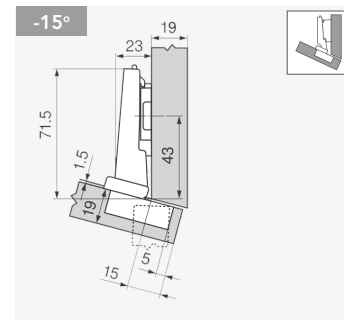
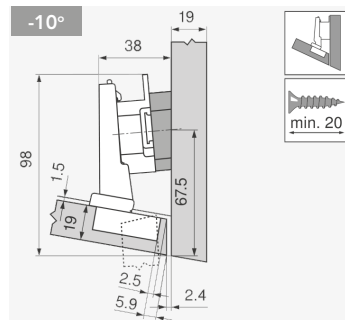
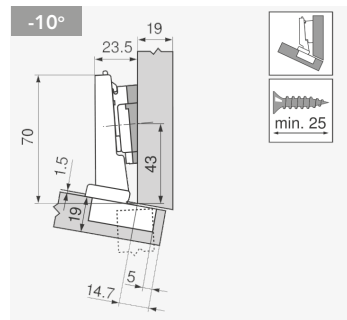
These dimensions are based on a 19 mm thick door and cabinet. Dimensions would need to be altered if thickness varied from 19 mm. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

Overlay applications

Self close

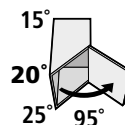
INSERTA

79B3493180



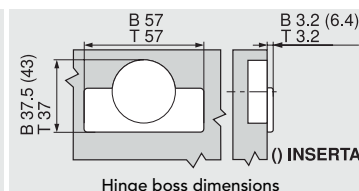
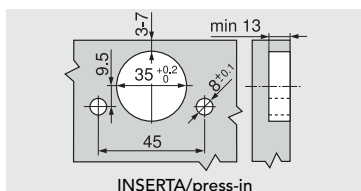
20° Angle CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- +20° II angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: +15°, +20°, +25°



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

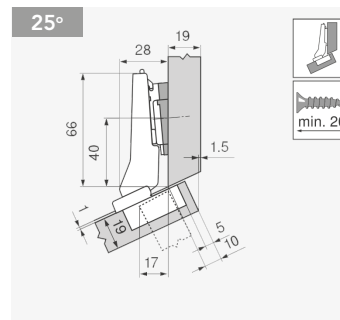
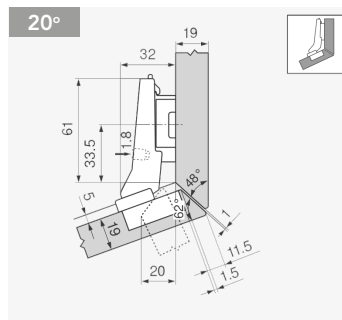
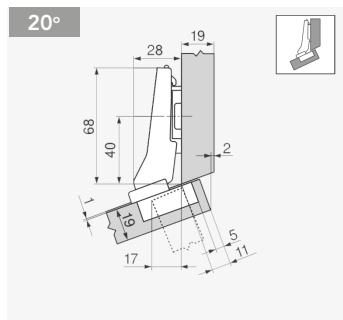
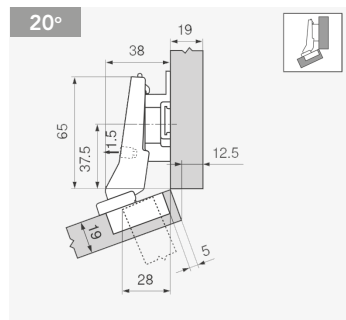
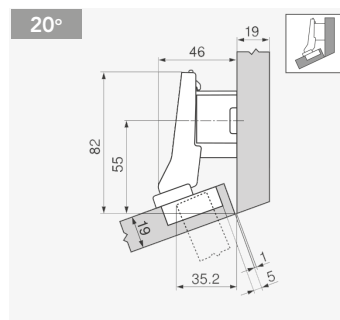
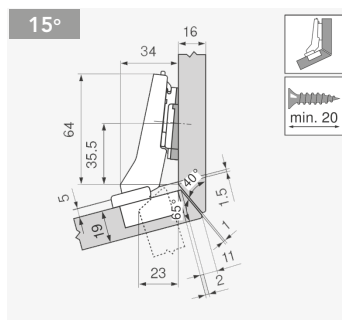
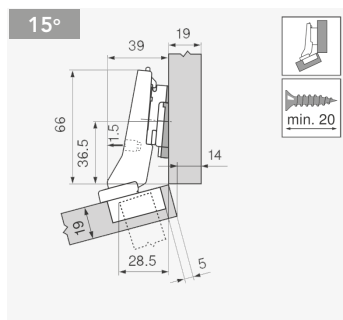
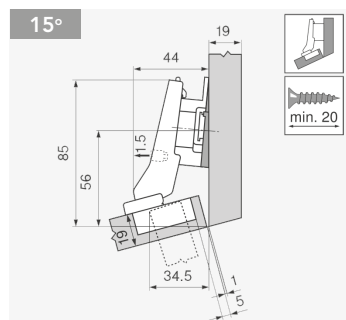


Planning

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.

Overlay applications

Self close
INSERTA **79B9595180**



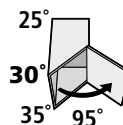
I Hinges I CLIP and CLIP top Hinges



Richelieu Section 3B

30° Angle II CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- +30° II angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: +25°, +30°, +35°



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Planning

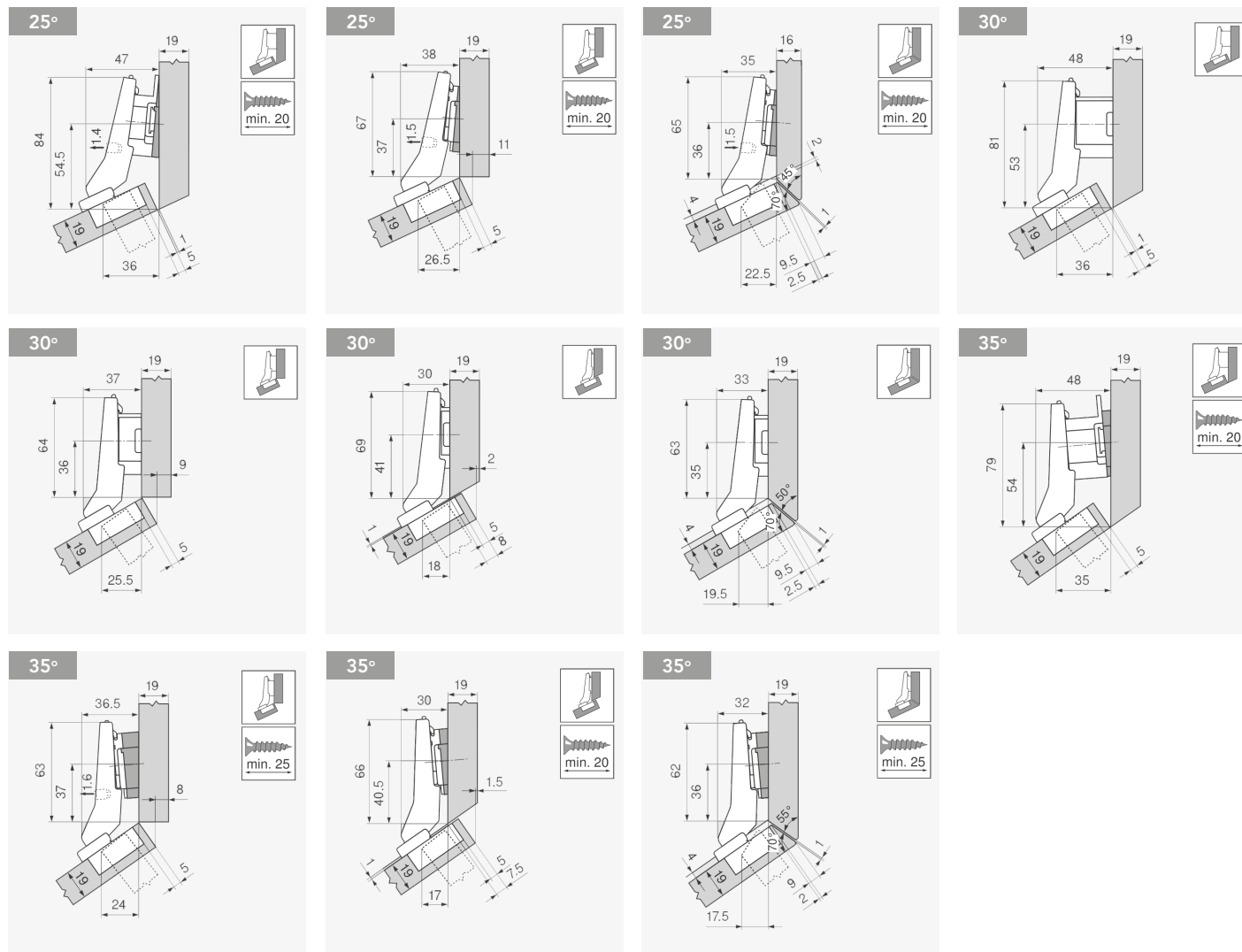
These dimensions are based on a 19 mm thick door and cabinet. Dimensions would need to be altered if thickness varied from 19 mm. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

Overlay applications

Self close

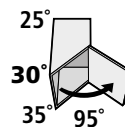
INSERTA

79B9596180



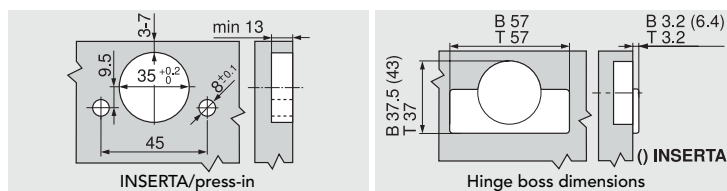
30° Angle III CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- +30° III angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: +25°, +30°, +35°



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

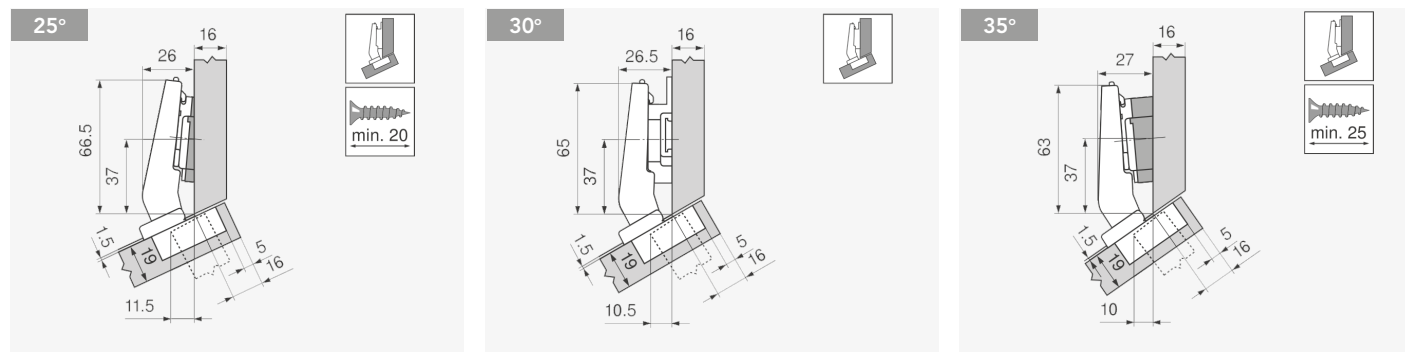


Planning

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.

Overlay applications

INSERTA	Self close 79B9496180
---------	---------------------------------



I Hinges I

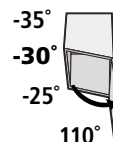
CLIP and CLIP top Hinges

Richelieu
Section 3B



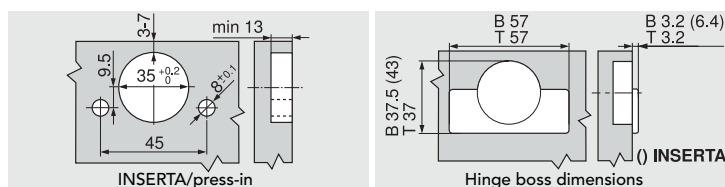
30° Negative Angle CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- -30° III angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: -25°, -30°, -35°



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



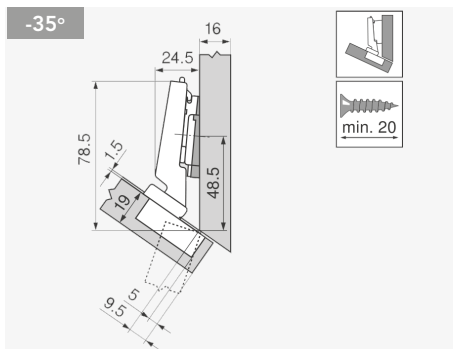
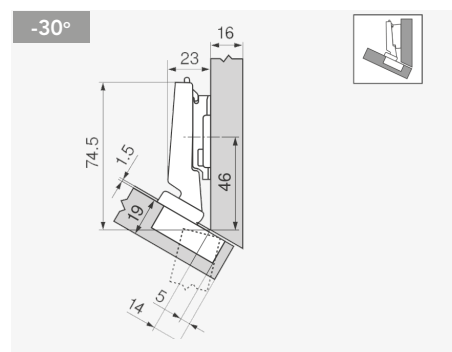
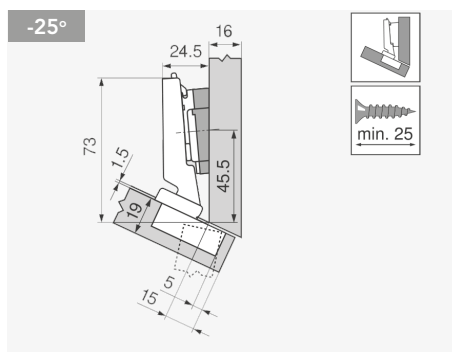
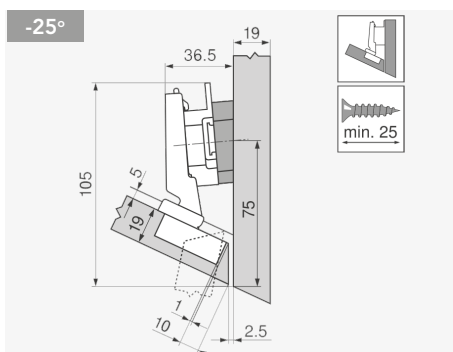
Planning

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.

Overlay applications

Self close

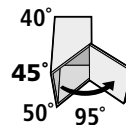
INSERTA **79B3491180**





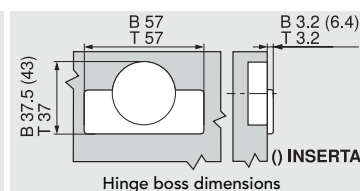
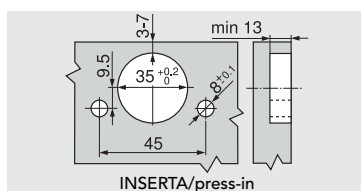
45° Angle I CLIP top BLUMOTION Hinge

- For corner cabinets with set back fronts
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- +45° I angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: +40°, +45°, +50°



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Planning

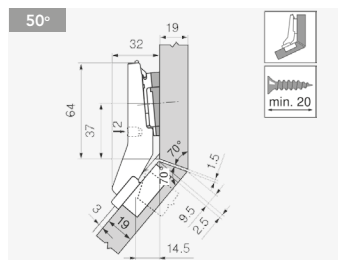
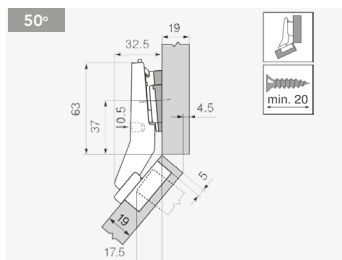
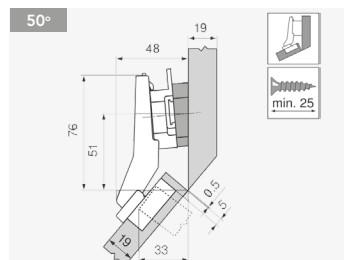
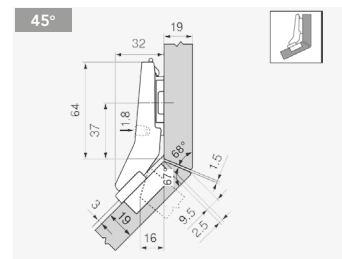
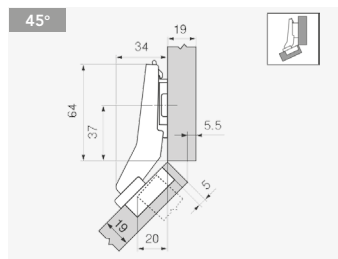
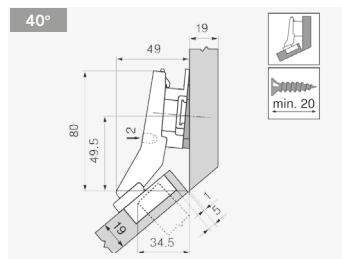
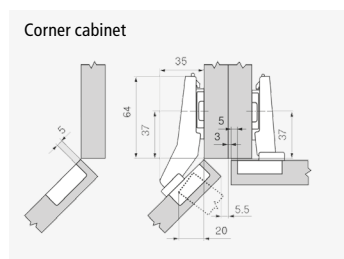
These dimensions are based on a 19 mm thick door and cabinet. Dimensions would need to be altered if thickness varied from 19 mm. In these cases a trial is recommended. Some applications require the mounting plate to be moved from the standard fixing positions.

Overlay applications

Self close

INSERTA **79B9698180**

Corner cabinet

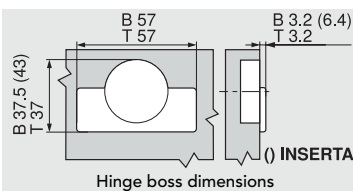
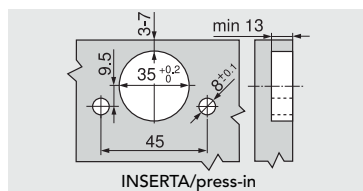
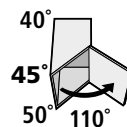


45° Angle II CLIP top BLUMOTION Hinge

- For corner cabinets with flush fronts
- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- +45° II angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: +45°, +50°

See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Planning

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.

Overlay applications

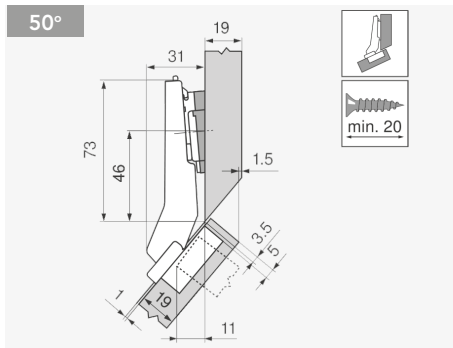
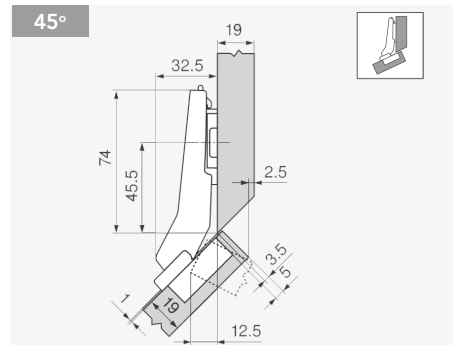
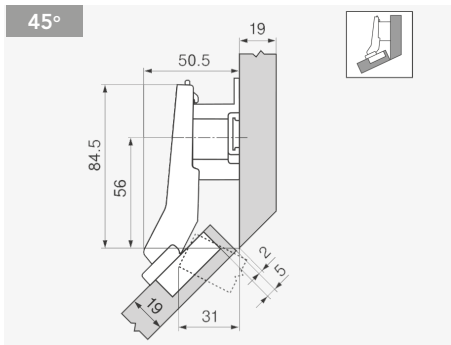
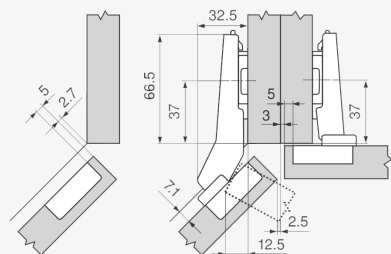
Self close

INSERTA

79B3598180

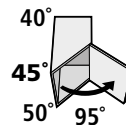
Planning

Corner cabinet



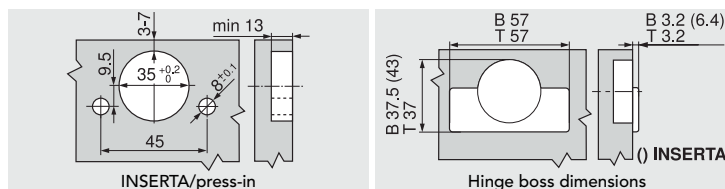
45° Angle III CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- +45° III angled hinge
- 95° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: +40°, +45°, +50°
- Standard packaging: Box of 50/250



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



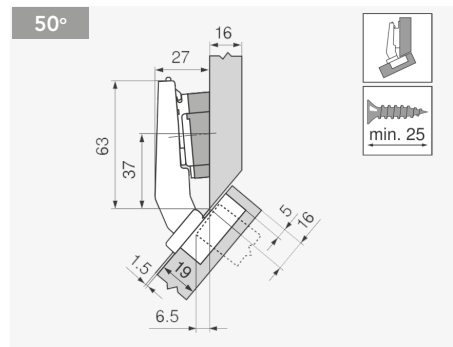
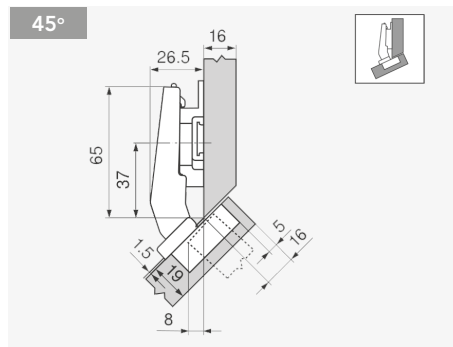
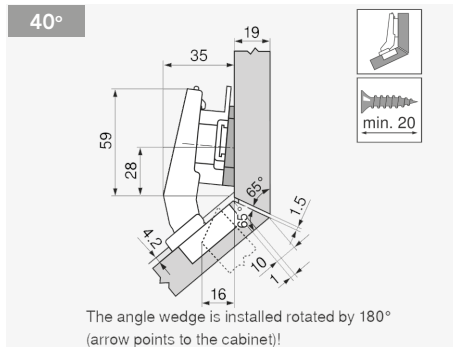
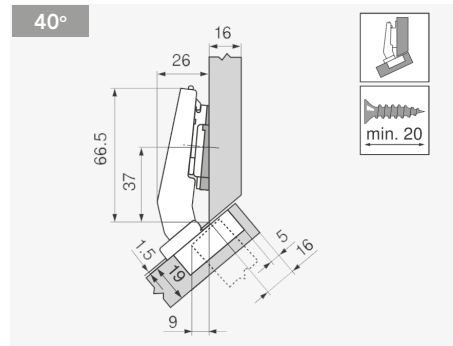
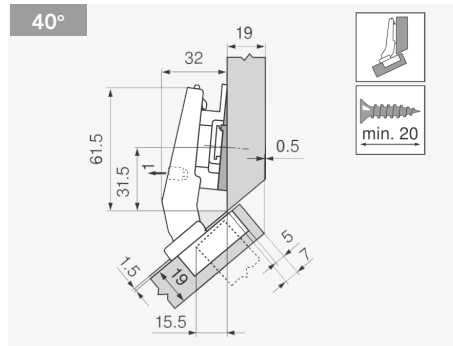
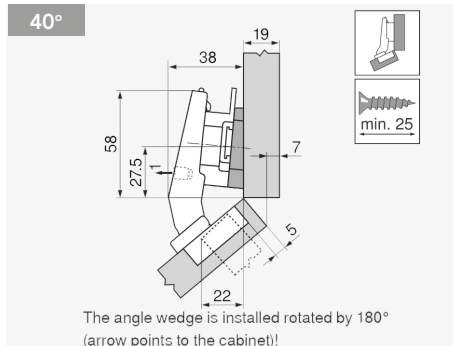
Planning

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.

Overlay applications

Self close

INSERTA **79B9498180**



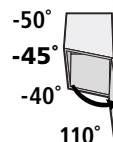
I Hinges | CLIP and CLIP top Hinges

Richelieu
Section 3B



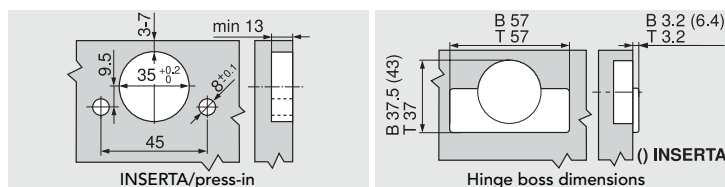
45° Negative Angle CLIP top BLUMOTION Hinge

- CLIP top BLUMOTION with integrated BLUMOTION (with deactivation option)
- CLIP top without closing mechanism (spring)
- All metal hinge, nickel plated
- -45° III angled hinge
- 110° opening angle
- 3-dimensional front adjustment
- Convenient spiral-tech depth adjustment
- Tool-free door to cabinet assembly and removal
- With INSERTA tool-free hinge to door assembly
- Cabinet Angle: -40°, -45°, -50°
- Standard packaging: Box of 50/250



See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



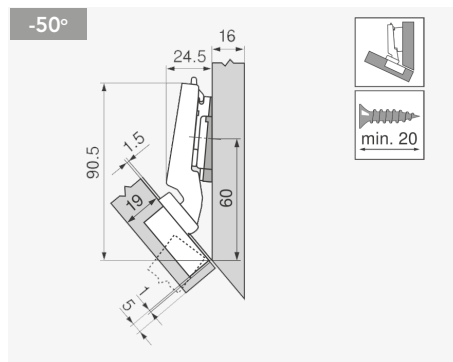
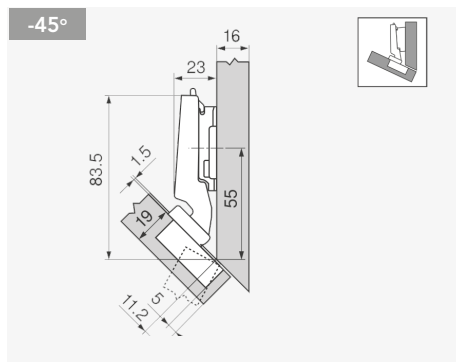
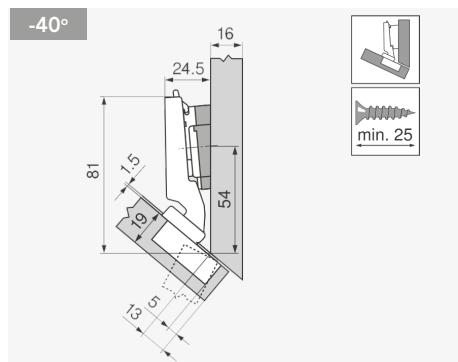
Planning

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.

Overlay applications

Self close

INSERTA **79B3490180**



CLIP top 107°

- 107° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 250

See also

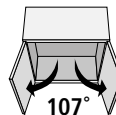
Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

0.6	1.0	1.3	1.7	3
0.6	1.0	1.3	1.6	4
0.6	1.0	1.2	1.5	5
0.6	1.0	1.2	1.4	6
16	18	19	20	B
T Door thickness				Bore

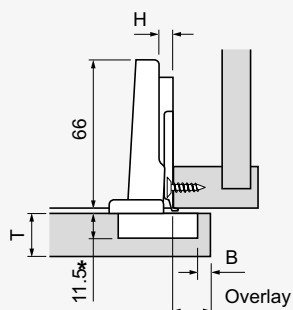
For door thickness greater than 20 mm trial application recommended or use Thick door hinge (see page 3A35).

Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



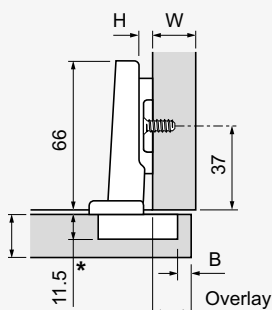
Frame cabinet applications

Overlay door



Panel cabinet applications

Overlay door



Straight-arm hinges

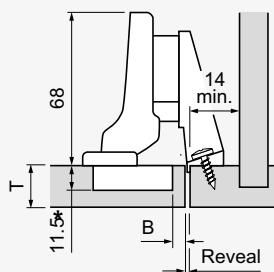
	Self close
Screw-on	75T155180
Press-in	75T158180
INSERTA	75T159180

Overlay table							
0	14	15	16	17	10	21	
3	11	12	13	14	13	24	
4.5	9.5	10.5	11.5	12.5	14.5	25.5	
6	8	9	10	11	16	27	
9	5	6	7	8	19	30	
H	3	4	5	6	P	S	
Plate	B Bore distance				Clearances		

11 fixed distance

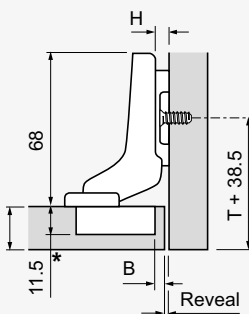
NOTE: 4.5 plate only available for face frame,
9 plate only available for panel cabinets

Inset door



Note: For INSERTA use a cup depth of 12

Inset door

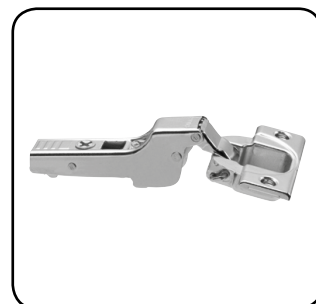
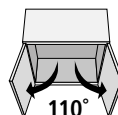



I Hinges I CLIP and CLIP top Hinges

Richelieu
Section 3B

CLIP top Hinge 110°

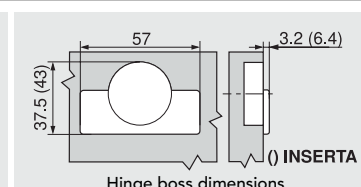
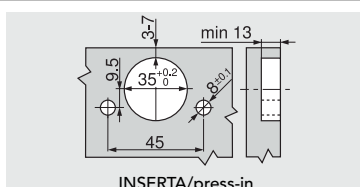
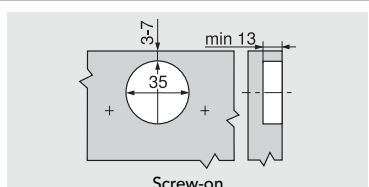
- Hinge Opening Angle: +110°
- Hinge Type: CLIP top
- Use Type: Standard Door
- Cabinet Type: Frameless
- Door Thickness: Min. 5/8" (16 mm)
- Cabinet Thickness: Min. 5/8" (16 mm)
- Milling Diameter: 35 mm
- Milling Depth: 1/2" (13 mm)



Minimum gap (F) for fronts with a front radius (R = 1 mm) based on the factory setting														
	Drilling distance TB	3	Front thickness FS										28	30
			16	18	19	20	21	22	23	24	25	26		
			0.5	0.8	1.0	1.2	1.5	1.8	2.2	2.7	3.5	4.3		
			0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.5	3.1	3.8		
			0.5	0.8	0.9	1.2	1.4	1.7	2.0	2.4	2.9	3.4		
			0.5	0.8	0.9	1.2	1.3	1.6	1.9	2.3	2.7	3.2		
			0.5	0.8	0.9	1.1	1.3	1.6	1.9	2.2	2.6	3.0		
Additional for + 2 mm side adjustment														
	+0.2	+0.4	+0.4	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5				

See also

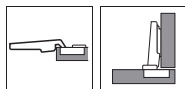
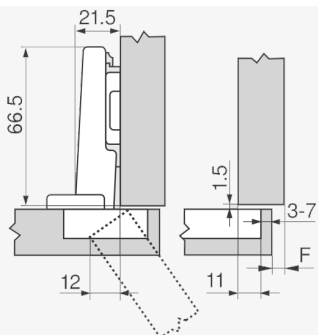
Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Planning

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm). Hinge and door protrusion at full opening angle.

Overlay application



Drilling distance

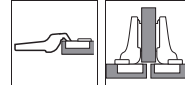
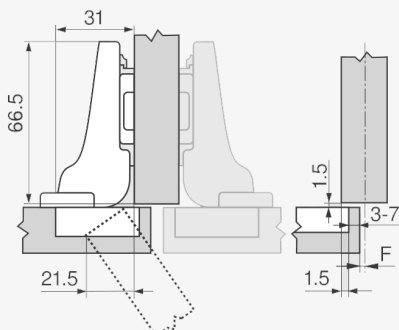
Front overlay																		
-	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
0										3	4	5	6	7				
3								3	4	5	6	7						
6					3	4	5	6	7									
9	3	4	5	6	7													

Mounting plate

Overlay applications

	Self close	Free swing
Screw-on	71T355180	70T355180
Press-in	71T358180	70T358180
INSERTA	71T359180	70T359180

Dual application



Drilling distance

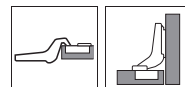
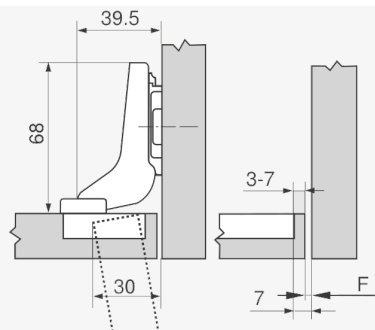
Front overlay																		
-	-4.5	-3.5	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5				
0										3	4	5	6	7				
3								3	4	5	6	7						
6					3	4	5	6	7									
9	3	4	5	6	7													

Mounting plate

Dual applications

	Self close	Free swing
Screw-on	71T365180	70T365180
Press-in	71T368180	-
INSERTA	71T369180	70T369180

Inset application



Drilling distance

Front overlay																		
										-4	-3	-2	-1	0				
0										3	4	5	6	7				
3																		
6																		
9																		

Mounting plate

Inset applications

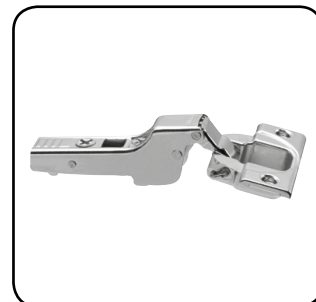
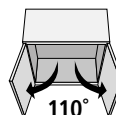
	Self close
Screw-on	71T375180
INSERTA	71T379180
Press-in	71T378180

CLIP top Hinge 110°+

- Hinge Opening Angle: +110°
- Hinge Type: CLIP top
- Use Type: Standard Door
- Cabinet Type: Frameless
- Door Position: Full Overlay
- Door Thickness: Min. 5/8" (16 mm)
- Cabinet Thickness: Min. 3/4" (19 mm)
- Milling Diameter: 35 mm
- Milling Depth: 1/2" (13 mm)

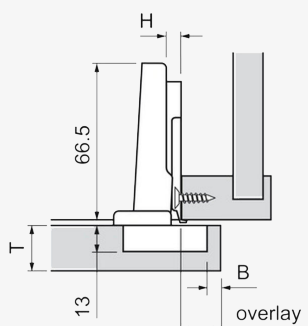
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



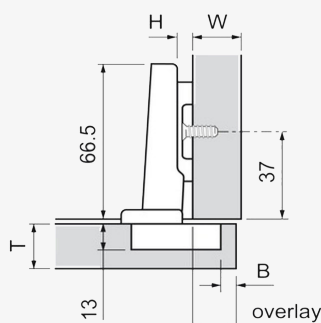
Frame cabinet applications

Overlay door



Panel cabinet applications

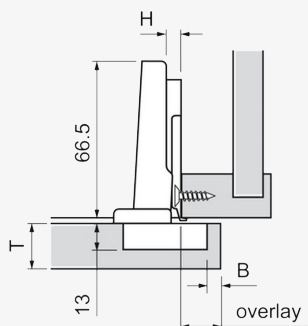
Overlay door



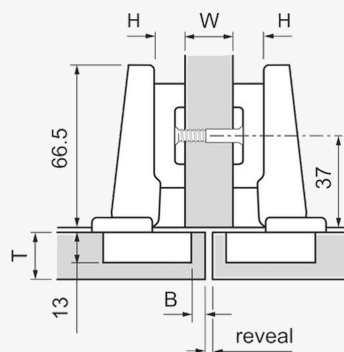
Overlay applications

	Self close
Screw-on	73T355180
Press-in	73T358180
INSERTA	73T359180

Partial overlay door



Twin overlay doors



CLIP top 120°

- 120° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 50/250

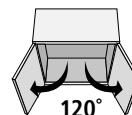
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

1.2	1.7	2.0	2.4	3.3	3
1.2	1.7	2.0	2.3	3.1	4
1.1	1.6	1.9	2.2	3.0	5
1.1	1.6	1.9	2.2	2.9	6
16	18	19	20	22	B
T Door thickness					Bore

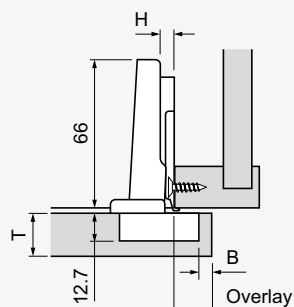
Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



For door thickness greater than 22 mm trial application recommended or use Thick door hinge (see page 3A35).

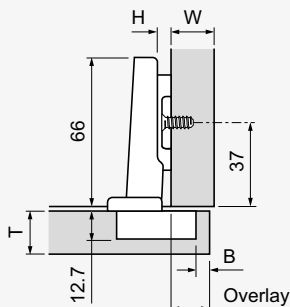
Frame cabinet applications

Overlay door




Panel cabinet applications

Overlay door



Straight-arm hinges

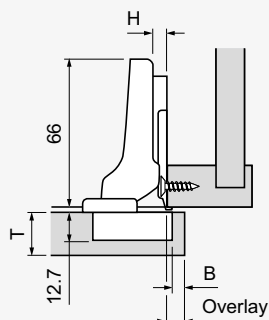
		Self close
Screw-on		71T555180
Screw-on	with plate	73T558E180
Press-in		71T558180
EXPANDO		71T558E180
INSERTA		71T559180

		Overlay table						
0	14	15	16	17	11.5	20.5		
3	11	12	13	14	14.5	23.5		
4.5	9.5	10.5	11.5	12.5	16	25		
6	8	9	10	11	17.5	26.5		
9	5	6	7	8	20.5	29.5		
H								
Plate	3	B	4	5	6	P	S	
			Bore distance			Clearance		

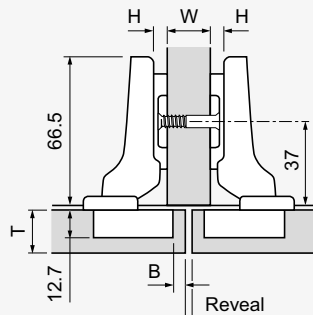
11 fixed distance

NOTE:
4.5 plate only
available for face
frame, 9 plate
only available for
panel cabinets


Partial overlay door



Twin overlay doors



Half-cranked hinges (9.5mm)

		Self close
Screw-on		71T565180
Press-in		71T568180
INSERTA		71T569180

Overlay table					Partial overlay	
0	4.5	5.5	6.5	7.5	21.5	30
H Plate	3	4	5	6	P	S
	B Bore distance				Clearances	

1.5 fixed distance

Reveal table					Twin overlay		
0	7	5	3	1	16	21.5	30
	10	8	6	4	19		
H Plate	3	4	5	6	W	P	S
	B Bore distance					Clearance	

NOTE: On frame application use a half-cranked hinge from above and mounting plate 175H503021180

I Hinges I CLIP and CLIP top Hinges

Richelieu
Section 3B



CLIP top 120°+

- 120° opening angle
- For larger overlays (max. 21mm)
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 50/250

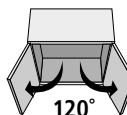
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

1.2	1.7	2.0	2.4	3.3	3
1.2	1.7	2.0	2.3	3.1	4
1.1	1.6	1.9	2.2	3.0	5
1.1	1.6	1.9	2.2	2.9	6
16	18	19	20	22	B
T Door thickness					Bore

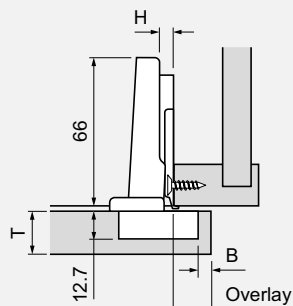
Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



For door thickness greater than 22 mm trial application recommended or use Thick door hinge (see page 3A35).

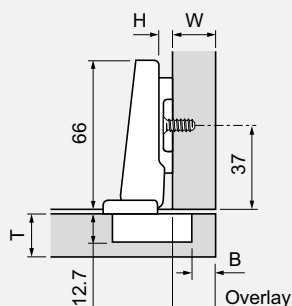
Frame cabinet applications

Overlay door



Panel cabinet applications

Overlay door



Straight-arm hinges

	Self close
Screw-on	73T555180
Press-in	73T558180
INSERTA	73T559180

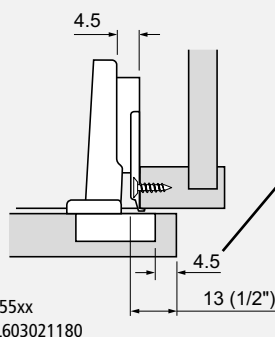
Overlay table							
0	16	17	18	19	9.5	19	
3	13	14	15	16	12.5	22	
4.5	11.5	12.5	13.5	14.5	14	23.5	
6	10	11	12	13	15.5	25	
9	7	8	9	10	18.5	28	
H	3	4	5	6	P	S	
Plate	B Bore distance				Clearance		

13 fixed distance

NOTE:
4.5 plate only available for face frame, 9 plate only available for panel cabinets

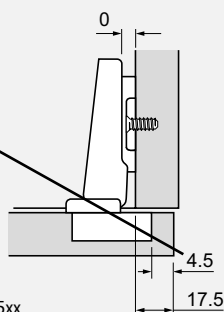
Building both frame and panel cabinets

Frame



Hinge: 73T55xx
Plate: 175L603021180

Panel



Hinge: 73T55xx
Plate: any 0 plate

Same boring distance

The most common overlays for frame and panel cabinets can be achieved by using the same machine setting for hinge cup boring.

Bore ALL doors at 4.5mm:
- 13mm (1/2") overlay on frame cabinets and
- 17.5mm overlay on panel cabinets

This can be achieved using hinge/plate combinations to the left.

Advantages:

- Only one machine setting for boring all doors (4.5mm)
- Same hinge used for both applications (73T55xx)

I Hinges I

CLIP and CLIP top Hinges

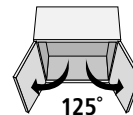
Richelieu
Section 3B

CLIP top 125° Zero Protrusion for Thick Door Hinge


- Hinge Opening Angle: +125°
- Hinge Type: CLIP top
- Use Type: Zero Protrusion Door
- Fixing Type: Screw-On
- Door Position: Overlay

See also

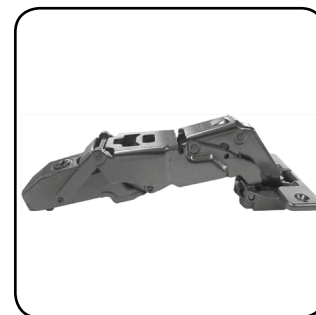
Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Minimum gap (F) for fronts with a front radius (R = 1 mm) based on the factory setting

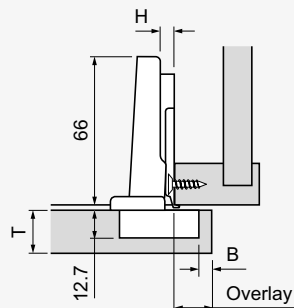
		Front thickness FS													
		20	21	22	23	24	25	26	27	28	29	30	31	32	
	Drilling distance TB	3	0	0	0	0	0	0	0	0	0	0	0	0	0.1
		4	0	0	0	0	0	0	0	0	0	0	0	0	0.1
		5	0	0	0	0	0	0	0	0	0	0	0	0	0.1
		6	0	0	0	0	0	0	0	0	0	0	0	0	0.1
		7	0	0	0	0	0	0	0	0	0	0	0	0	0.2
	8	0	0	0	0	0	0	0	0	0	0	0	0	0.3	
		92° Opening angle stop													

92° Opening angle stop



Frame cabinet applications

Overlay door

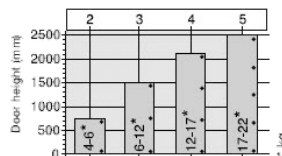


Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0 mm)
Door protrusion for 90° opening angle

	Front overlay																		
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
0										3	4	5	6	7	8				
3							3	4	5	6	7	8							
6				3	4	5	6	7	8										
9	3	4	5	6	7	8													

Mounting plate

Zero Protrusion



The number of hinges depends on the door height and weight. To achieve good stability, the hinge spacing distance should be as large as possible. Load and height specifications are based on a standard door width of 600 mm.

Overlay Application

Screw-on	Self close
	71T750D180

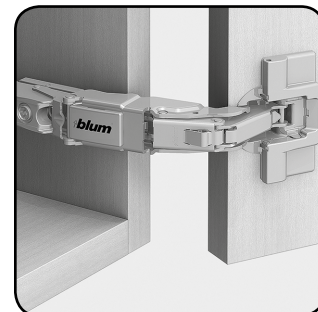
CLIP top Hinge Zero Protrusion

CLIP top hinge with 155° opening angle. Overlay door. Screw-on case, made of steel, self-closing. 3-dimensional adjustment. Hinge with zero protrusion for cabinets with interior drawers. Spiral tech depth adjustment of plus 3 mm and minus 2 mm.

- Hinge Opening Angle: +155°
- Hinge Type: CLIP top
- Use Type: Zero Protrusion Door
- Cabinet Type: Frameless
- Door Position: For Special Application, Inset, Dual Application / Half Overlay, Corner / Bi-Fold, Overlay
- Door Thickness: Min. 5/8" (16 mm)
- Cabinet Thickness: Min. 3/4" (19 mm)
- Closing Mechanism: Self-Closing
- Milling Diameter: 35 mm
- Milling Depth: 15/32" (12 mm)

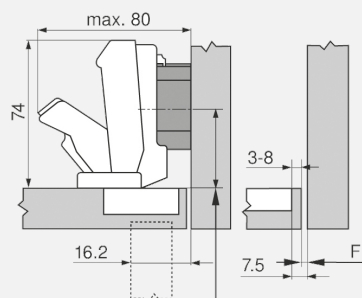
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

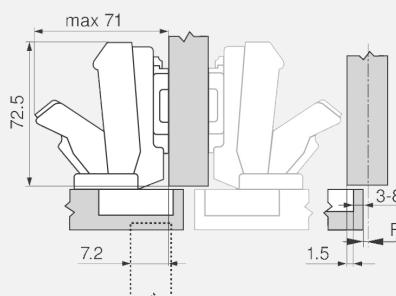


CLIP/CLIP top: theoretical space requirement for assembly/removal

Overlay door



Overlay door



Straight-arm hinges

	Self close
Screw-on	71T750N180
Press-in	71T753N180
INSERTA	71T754N180

I Hinges I CLIP and CLIP top Hinges

Richelieu
Section 3B



CLIP top 170°

- 170° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 25/125

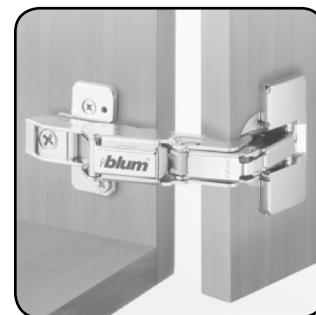
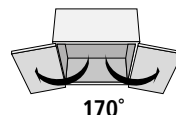
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

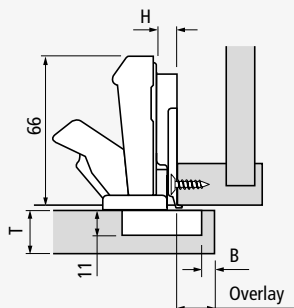
0	0	0	0	0.2	2.2	3
0	0	0	0	0	1.4	4
0	0	0	0	0	0.9	5
0	0	0	0	0	0	6
0	0	0	0	0	0	7
0	0	0	0	0	0	8
16	18	19	20	22	24	B
T Door thickness						Bore

Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



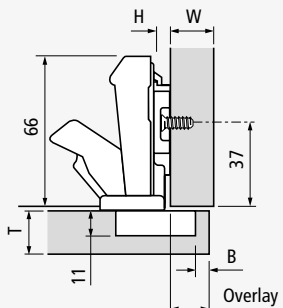
Frame cabinet applications

Overlay door



Panel cabinet applications

Overlay door



Straight-arm hinges

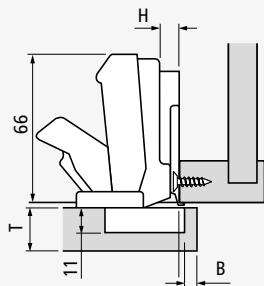
	Self close	Free swing
Screw-on	71T655180	70T655180
Screw-on with plate	71T65523180VST	-
Press-in	71T658180	-
INSERTA	71T654180	70T654180

Overlay table									
0	14	15	16	17	18	19	1.5	65	
3	11	12	13	14	15	16	4.5	68	
4.5	9.5	10.5	11.5	12.5	13.5	14.5	6	69.5	
6	8	9	10	11	12	13	7.5	71	
9	5	6	7	8	9	10	10.5	74	
H Plate	3	4	5	6	7	8	P	S	
	B Bore distance						Clearances		

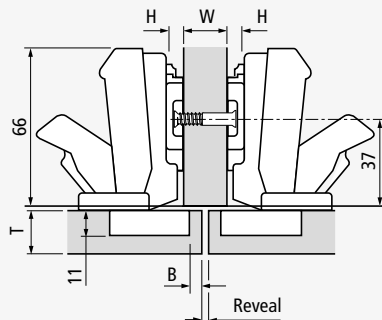
11 fixed distance

NOTE: 4.5 plate only available for face frame, 9 plate only available for panel cabinets

Partial overlay door



Twin overlay doors



Half-cranked hinges (9.5mm)

	Self close	Free swing
Screw-on	71T665180	70T665180
Press-in	71T668180	-
INSERTA	71T664180	-

Overlay table									
0	4.5	5.5	6.5	7.5	8.5	9.5	11	75	
H Plate	3	4	5	6	7	8	P	S	
	B Bore distance						Clearances		

1.5 fixed distance

Reveal table									
0	7	5	3	1	-	-	16	11	75
	10	8	6	4	2	0	19		
H Plate	3	4	5	6	7	8	W Panel	P	S
	B Bore distance						Clearances		

NOTE: On frame application use a half-cranked hinge from above and mounting plate 175H503021180

I Hinges I

CLIP and CLIP top Hinges

CLIP top Special CLIP 170°

Richelieu
Section 3B



Angle Restriction for 170° CLIP top

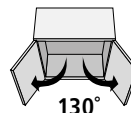
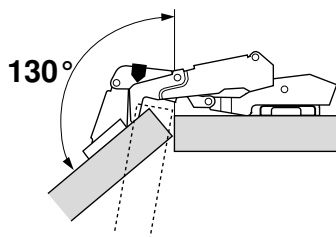
- Reduces opening angle of the CLIP top 170° to 130°
- Required for special applications of the 170° hinge
- Installs quickly and easily without tools

ANGLE RESTRICTION CLIP

PRODUCT	QTY/BOX
70610390	250

See also

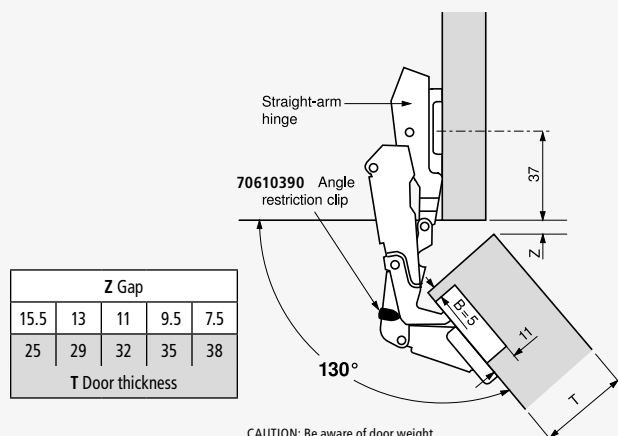
Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Angle restriction CLIP

Applications

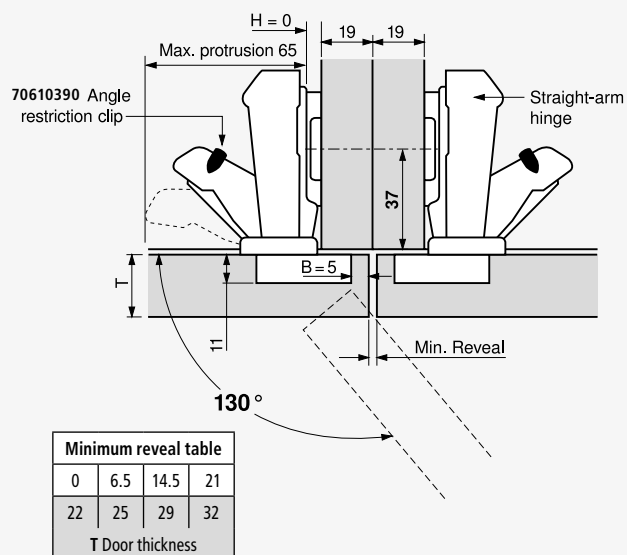
Thick door application



CAUTION: Be aware of door weight, see «General Specifications» page for number of hinges per door.

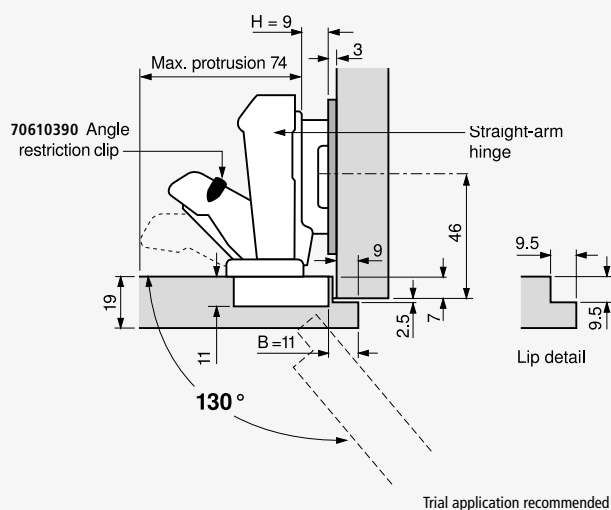
Trial application recommended

Thick door - twin application



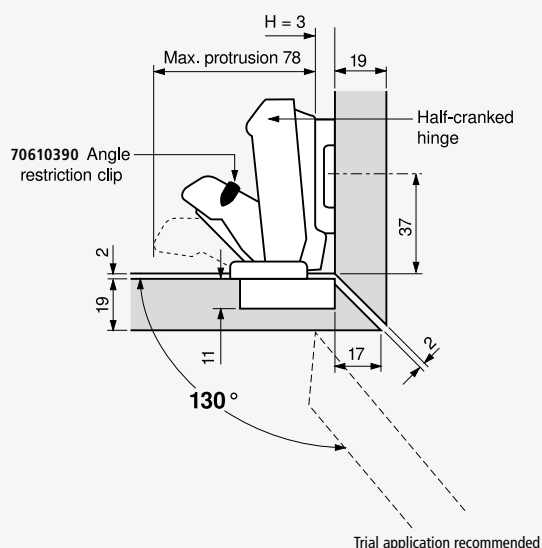
Trial application recommended

Lip door application



Trial application recommended

Mitered corner door application



Trial application recommended

I Hinges | CLIP and CLIP top Hinges

Richelieu
Section 3B

CLIP top Thick Door 95°

- 95° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 50/250

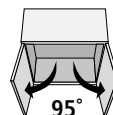
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

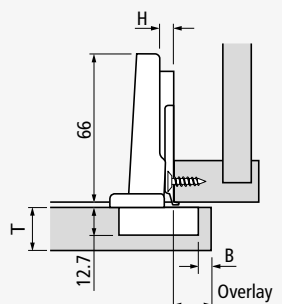
0.4	0.9	1.3	1.8	2.6	3.1	3.8	3
0.4	0.9	1.3	1.8	2.5	2.9	3.5	4
0.4	0.9	1.3	1.8	2.4	2.8	3.3	5
0.4	0.9	1.3	1.8	2.3	2.7	3.2	6
0.4	0.9	1.2	1.7	2.2	2.6	3.1	7
19	22	24	26	28	29	30	B
T Door thickness							Bore

Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.

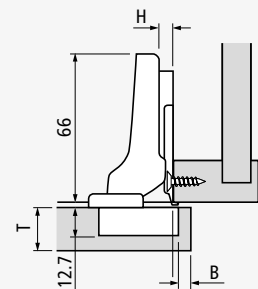


Frame cabinet applications

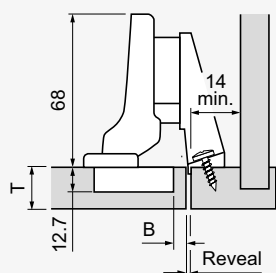
Overlay door



Partial overlay door

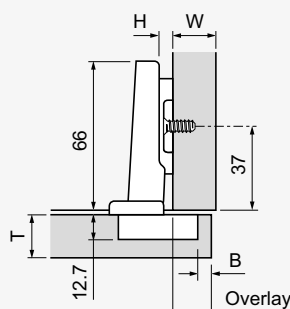


Inset door

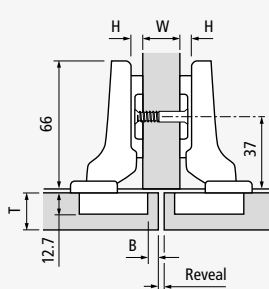


Panel cabinet applications

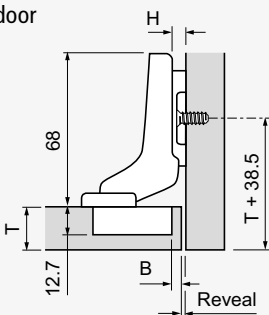
Overlay door



Twin overlay doors



Inset door



Straight-arm hinges

	Self close	Free swing
Screw-on	71T955180	-
Press-in	71T958180	70T958180
INSERTA	71T959180	-

Overlay table

0	14	15	16	17	18	14.5	22
3	11	12	13	14	15	17.5	25
4.5	9.5	10.5	11.5	12.5	13.5	19	26.5
6	8	9	10	11	12	20.5	28
9	5	6	7	8	9	23.5	31
H Plate	3	4	5	6	7	P	S
B Bore distance						Clearances	

11 fixed distance

NOTE: 4.5 plate only available for face frame, 9 plate only available for panel cabinets

Half-cranked hinges (9.5mm)

	Self close	Free swing
Screw-on	71T965180	70T965180
Press-in	71T968180	-
INSERTA	71T969180	-

Overlay table

0	4.5	5.5	6.5	7.5	8.5	24	31
H Plate	3	4	5	6	7	P	S
B Bore distance						Clearances	

1.5 fixed distance

Reveal table

0	7	5	3	1	-	16	24	31
10	8	6	4	2	-	19		
H Plate	3	4	5	6	7	W Panel	P	S
B Bore distance						Clearances		

Full-cranked hinges (18mm)

	Self close	Free swing
Screw-on	71T975180	-
Press-in	71T978180	-
INSERTA	71T979180	-

Reveal table

0	4	3	2	1	-	32.5	40
H Plate	3	4	5	6	7	P	S
B Bore distance						Clearances	

- 7 fixed distance

NOTE: On frame application use a half-cranked hinge from above and mounting plate 175H503021180

CCRMUS 2017

CLIP top Aluminum Door 120°

- 120° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Standard packaging: Box of 50/250

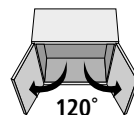
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

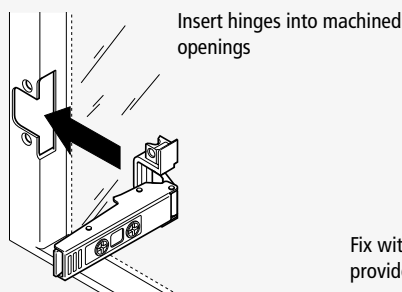
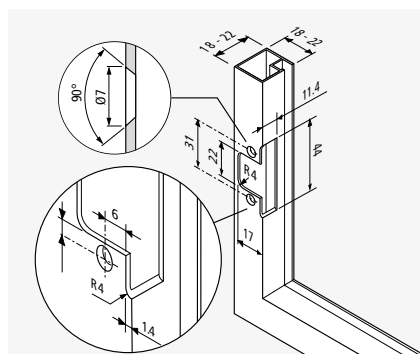
Minimum reveal table

1.5	1.9	2.4	2.9	3.7	18
1.5	1.8	2.2	2.7	3.3	19
1.4	1.8	2.2	2.6	3.1	20
1.4	1.7	2.1	2.5	3	21
1.2	1.7	2	2.4	2.9	22
18	19	20	21	22	Door
T Door thickness					Frame
					Width

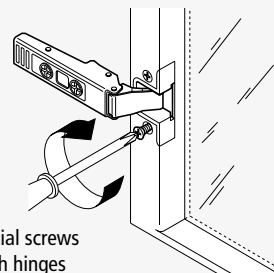
Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



Specifications

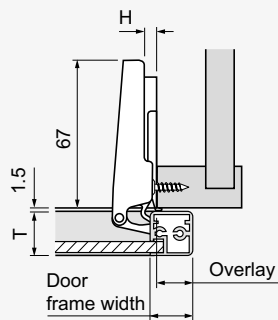


Fix with special screws provided with hinges

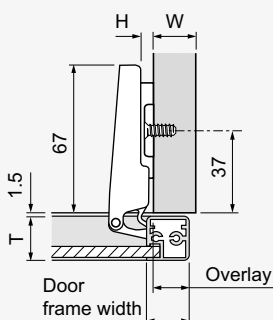


Applications

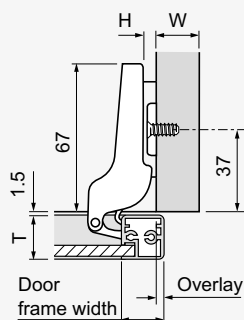
Overlay door - frame cabinets



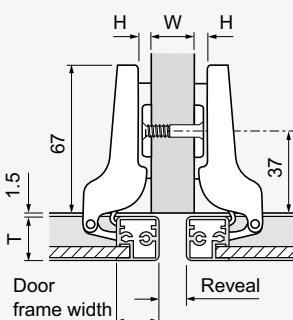
Overlay door



Partial overlay door



Twin doors



Straight-arm hinges

	Self close
Screw-on	73T550A180

Overlay table			
0	15	8	19.5
3	12	11	22.5
4.5	10.5	12.5	24
6	9	14	25.5
9	6	17	28.5
H Plate	Fixed Bore distance	P Clearances	S

NOTE: 4.5 plate only available for face frame, 9 plate only available for panel cabinets

I Hinges | CLIP and CLIP top Hinges

Richelieu
Section 3B

CLIP top Inset Blind Corner 95°

- 95° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 50/250

See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

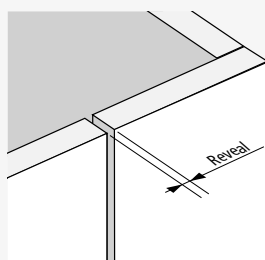
Minimum reveal table

0.1	0.3	0.4	0.5	0.9	1.3	3
0.1	0.3	0.4	0.5	0.9	1.3	4
0.1	0.4	0.4	0.5	0.9	1.3	5
0.1	0.3	0.4	0.5	0.9	1.2	6
0.1	0.3	0.4	0.5	0.9	1.2	7
16	18	19	20	22	24	B
T Door thickness						Bore

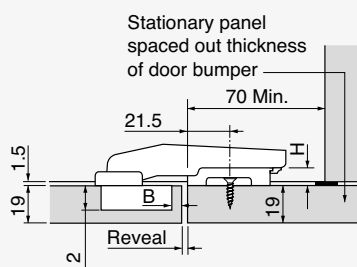
Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



Flush door applications



Back of door is flush with stationary panel



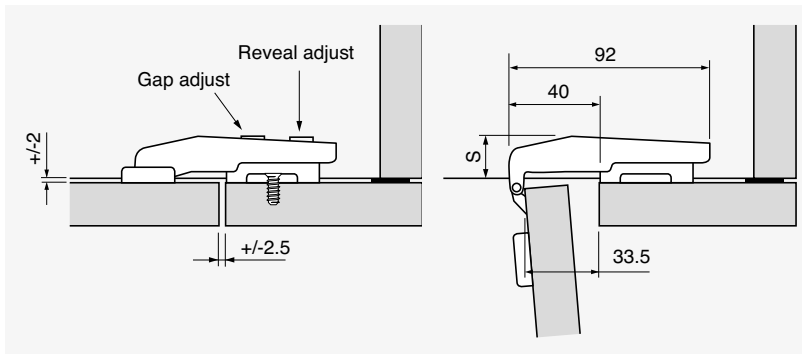
Inset blind corner hinges (cabinet thickness 19 mm)

	Self close
Screw-on	79T955180
Press-in	79T958180
INSERTA	79T959180

Reveal table								
3	5	4	3	2	1	33.5	21	
H	3	4	5	6	7	P	S	
Plate	B Bore distance					Clearances		

NOTE: Use a 3 mm mounting plate

Adjustments and clearances



CLIP top Overlay Blind Corner 95°

- 95° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available with INSERTA tool-free attachment
- Standard packaging: Box of 50/250

See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

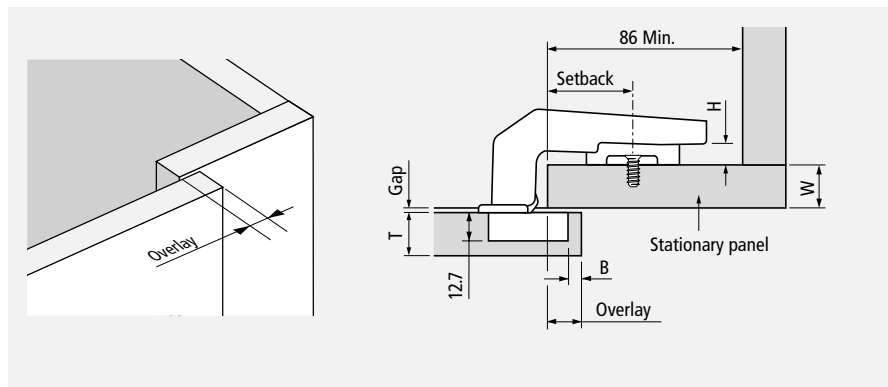
Minimum reveal table

0.1	0.3	0.4	0.5	0.9	1.3	3
0.1	0.3	0.4	0.5	0.9	1.3	4
0.1	0.3	0.4	0.5	0.9	1.3	5
0.1	0.3	0.4	0.5	0.9	1.2	6
0.1	0.3	0.4	0.5	0.9	1.2	7
16	18	19	20	22	24	B
T Door thickness						Bore


Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



Overlay application



Overlay blind corner hinges
(cabinet thickness 16 mm)

	Self close
Screw-on	-
Press-in 	-
INSERTA	79T999180

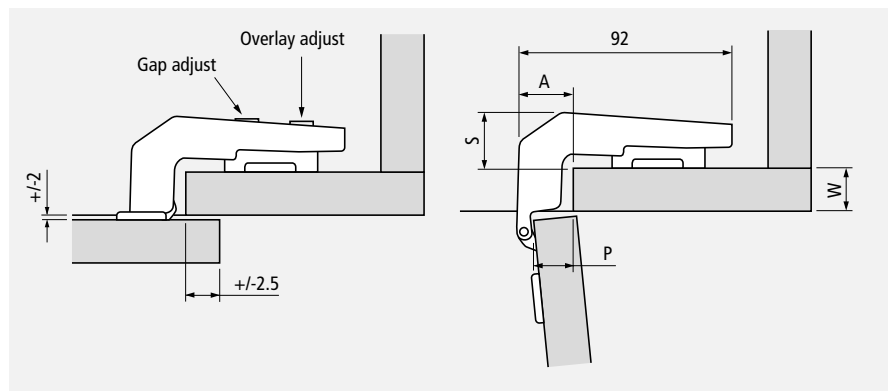
Door Overlay

The door overlay varies depending on the setback position of the mounting plate. Use the table below to select the desired overlay and cross-reference to the plate setback and bore distance.

Overlay table								
27	2	3	4	5	6	7	32	
32	7	8	9	10	11	12	27	
37	12	13	14	15	16	17	22	
Plate	3	4	5	6	7		P	A
Setback	B Bore distance					Clearances		

9 fixed distance

Adjustments and clearances



Door Gap

The door gap varies depending on the thickness of the stationary panel and the height of the mounting plate. Using the table below:

1. Select a panel thickness column.
2. Choose a door gap.
3. Cross-reference the plate height.

Gap table				
0	7	4	1	21
3	4	1	-	24
6	1	-	-	27
H	16	19	22	S
Plate	W panel thk.			Clearances

Note: Door gap can be adjusted +/-2.

I Hinges | CLIP and CLIP top Hinges



Richelieu
Section 3B

Screw-On Hinge - 95° for Aluminum Door - Self-Closing

CLIP top hinge with 95° opening angle for aluminum doors. Overlay doors. Screw-on case, made of steel, self-closing. 3-dimensional adjustment.

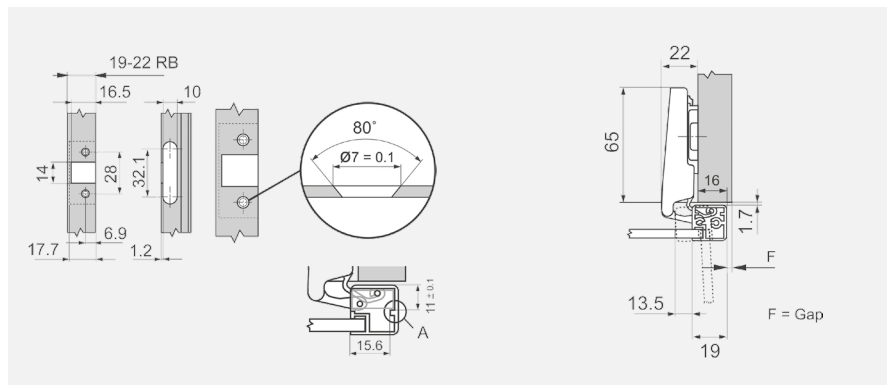
- Hinge Opening Angle: +95°
- Hinge Type: CLIP top
- Use Type: Narrow Aluminum-Framed Door
- Fixing Type: Screw-On
- Cabinet Type: Frameless
- Door Position: Overlay
- Door Thickness: 3/4" to 25/32" (19 to 20 mm)
- Cabinet Thickness: Min. 5/8" (16 mm)
- Closing Mechanism: Self-Closing

See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



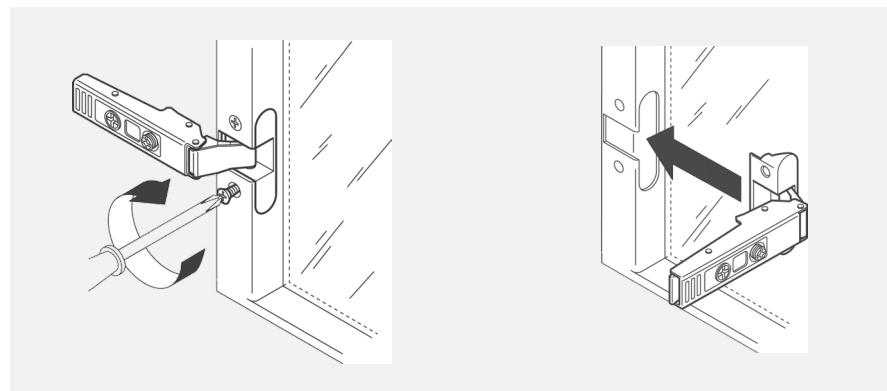
Overlay application



Straight-arm hinges

	Self close
Screw-on	71M950A180

Adjustments and clearances

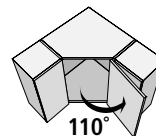


CLIP top Diagonal 45°

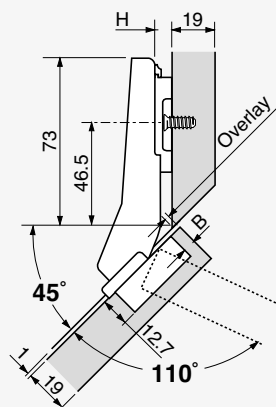
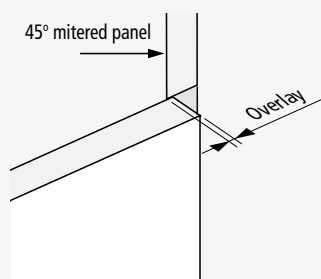
- 110° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 50/250

See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Overlay application

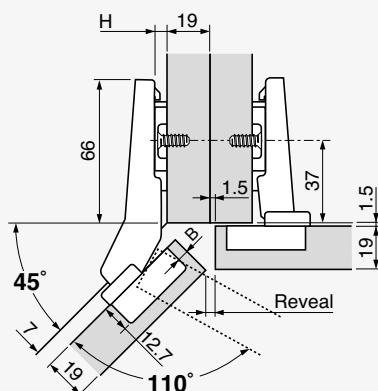
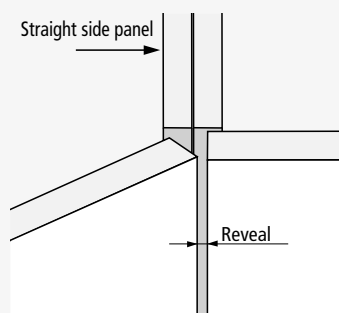


Diagonal 45 hinges

	Self close
Screw-on	79T555180 ■
Press-in	79T558180
INSERTA	79T559180

Overlay table				
0	1	2	3	4
H	3	4	5	6
Plate	B Bore distance			

Inside corner



Straight-arm hinges

	Self close
Screw-on	79T555180 ■
Press-in	79T558180
INSERTA	79T559180

Reveal table				
0	6	5	4	3
H	3	4	5	6
Plate	B Bore distance			

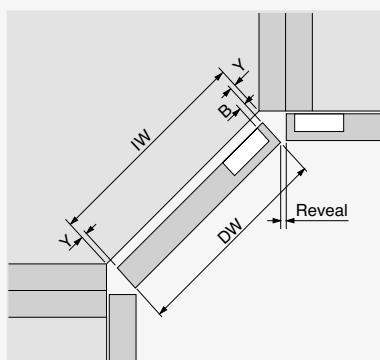
Calculating door width (DW)

Step 1: Using the Boring distance (B) determined in the reveal table, cross-reference to find the side gap distance (Y) in the table to the right.

Step 2: Use the following formula to find the door width: $DW = IW - (Y \times 2)$

Example:

Int. width (IW) = 400mm
Side gap (Y) = 4.5mm
 $391 = 400 - (4.5 \times 2)$



Y Side Gap			
5.5	4.5	3.5	2.5
3	4	5	6
B Bore distance			

Note: Calculations based on 19mm (3/4") door thickness.

I Hinges I CLIP and CLIP top Hinges

Richelieu
Section 3B

CLIP 100°

- 100° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Available INSERTA tool-free attachment
- Standard packaging: Box of 50/250

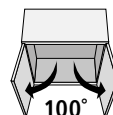
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

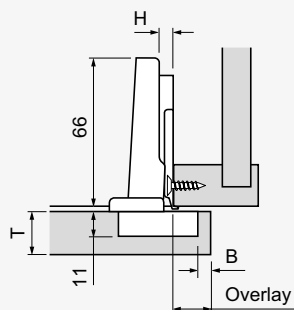
0.5	0.9	1.1	1.4	2.3	3.6	3
0.5	0.8	1.0	1.3	2.0	3.3	4
0.4	0.8	1.0	1.2	1.8	3.0	5
0.4	0.8	.9	1.1	1.7	2.8	6
16	18	19	20	22	24	B
T Door thickness						Bore

Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



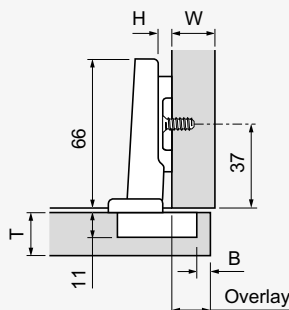
Frame cabinet applications

Overlay door



Panel cabinet applications

Overlay door



Straight-arm hinges

	Self close	Free swing
Screw-on	71M255180 ■	70M255180
Screw-on with plate	BP71M25521180	-
Press-in	71M258180	70M258180
INSERTA	71M259180 ■	-

Overlay table

0	14	15	16	17	9	20
3	11	12	13	14	12	23
4.5	9.5	10.5	11.5	12.5	13.5	24.5
6	8	9	10	11	15	26
9	5	6	7	8	18	29
H Plate	3	4	5	6	P	S
	B Bore distance				Clearances	

11 fixed distance

NOTE:
4.5 plate only available for face frame, 9 plate only available for panel cabinets

Half-cranked hinges (9.5mm)

	Self close	Free swing
Screw-on	71M265180 ■	70M265180
Screw-on with plate	BP71M26521180	-
Press-in	71M268180	-
INSERTA	71M269180	-

Reveal table

0	7	5	3	1	16	18.5	30
	10	8	6	4	19		
H Plate	3	4	5	6	W Panel	P	S
	B Bore distance				Clearances		

0	4.5	5.5	6.5	7.5	18.5	30
H Plate	3	4	5	6	P	S
	B Bore distance				Clearances	

1.5 fixed distance

Full-cranked hinges (18mm)

	Self close	Free swing
Screw-on	71M275180 ■	70M275180
Screw-on with plate	BP71M27521180	-
Press-in	71M278180	70M278180
INSERTA	71M279180	-

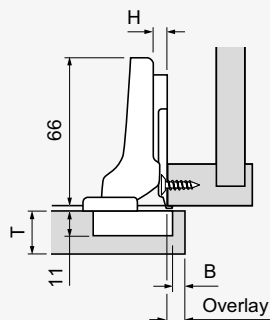
Reveal table

0	4	3	2	1	27	38
H Plate	3	4	5	6	P	S
	B Bore distance				Clearances	

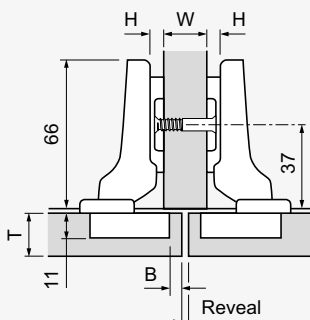
- 7 fixed distance

NOTE: On frame application use a half-cranked hinge from above and mounting plate 175H503021180

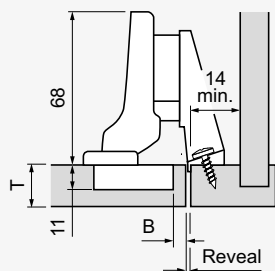
Partial overlay door



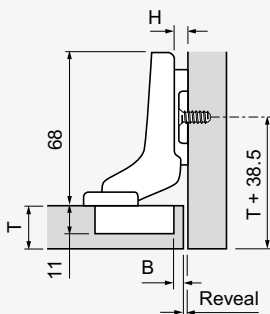
Twin overlay doors



Inset door



Inset door



CCRMUS 2017

I Hinges I CLIP and CLIP top Hinges

Richelieu
Section 3B



CLIP top Mini 94°

- 94° opening angle
- Side adjustment of +0.5 to -3.5mm
- Hinge for small doors or doors with small frames
- Standard packaging: Box of 50/250

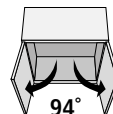
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

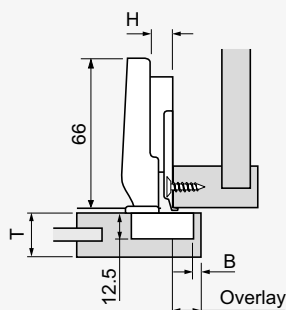
1.1	2.2	3.0	3.8	5.5	7.3	9.1	3
1.1	2.0	2.7	3.5	5.0	6.8	8.6	4
1.1	1.8	2.4	3.0	4.6	6.3	8.0	5
16	18	19	20	22	24	26	B
T Door thickness							Bore

Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



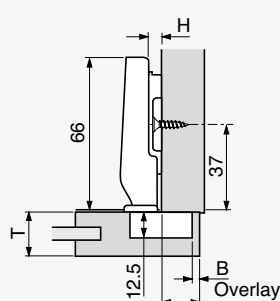
Frame cabinet applications

Overlay door

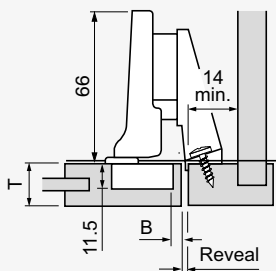


Panel cabinet applications

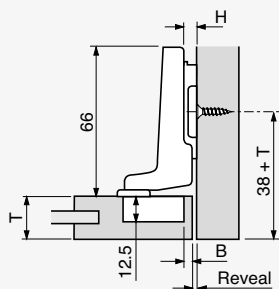
Overlay door



Inset door



Inset door



Straight-arm hinges

Self close

Screw-on **71M055180** CLIP top

Overlay table

0	13	14	15	6	18
3	10	11	12	9	22
4.5	8.5	9.5	10.5	11	23.5
6	7	8	9	12	25
9	4	5	6	15	28
H	3	4	5	P	S
Plate	B	Bore distance		Clearances	

10 fixed distance

NOTE: 4.5 plate only available for face frame,
9 plate only available for panel cabinets

Full-cranked hinges (18mm)

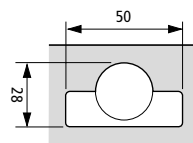
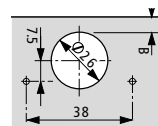
Self close

Screw-on **71M075180**

Reveal table

0	5	4	3	24	33
H	3	4	5	P	S
Plate	B	Bore distance		Clearances	

- 8 fixed distance



I Hinges | CLIP and CLIP top Hinges

Richelieu
Section 3B

CLIP top Glass Door 94°

- 94° opening angle
- 3-dimensional adjustment
- For glass thickness of 4.5 to 7mm
- Side adjustment of +.5 to -3.5mm
- Fixing screws included
- Must use 26mm bit
- Standard packaging: Box of 50/250

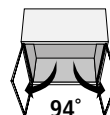
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9

Minimum reveal table

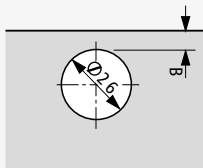
0	0	0	0	5.5
0	0	0	0	6
0	0	0	0	6.5
0	0	0	0	7
4.5	5	6	7	B
T Door thickness Bore				

Cross-reference the door thickness and bore distance to assure that doors won't bind when opened.



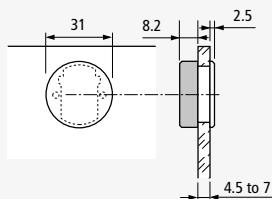
Panel cabinet applications

Boring pattern

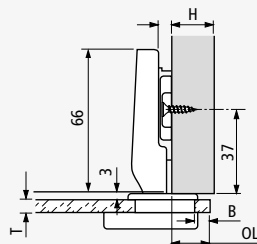


D - Shape

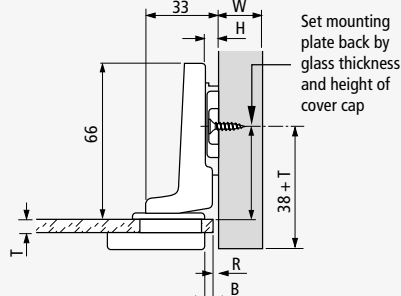
	Black	Round
-	84414090	-
-	844120140	Chrome
-	844140140	-



Overlay door



Inset door



Straight-arm hinges

Screw-on **75M41090** Self close CLIP top

Overlay table							
0	15.5	16	16.5	17	6	19	
3	12.5	13	13.5	14	9	22	
6	9.5	10	10.5	11	12	25	
9	6.5	7	7.5	8	15	28	
H	5.5	6	6.5	7	P	S	
Plate	B Bore distance				Clearances		

10 fixed distance

Full-cranked hinges (18mm)

Screw-on **75M43090** Self close

Reveal table							
0	2.5	2	1.5	1	23.5	33	
H	5.5	6	6.5	7	P	S	
Plate	B Bore distance				Clearances		

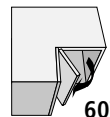
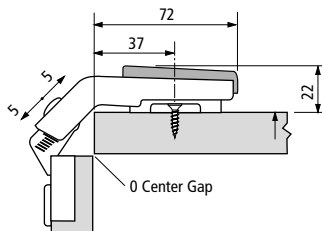
- 8 fixed distance

CLIP top Hinge – 60° Bi-Fold

- 60° opening angle
- 3-dimensional adjustment
- All metal hinge, nickel plated
- Standard packaging: Box of 25/125
- *Standard packaging: Box of 10/100

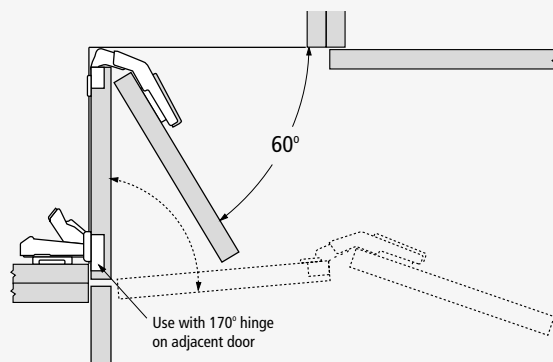
See also

Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9




Application

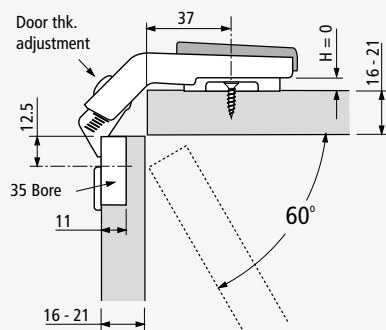
Inside corner



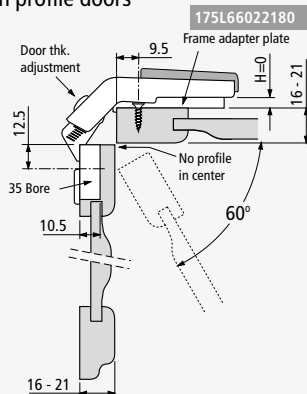
Straight-arm hinges

	Self close
Screw-on	79T850180 ■
Press-in 	79T853180
Screw-on with plate	BP79M85021180*

With flat panel doors



With profile doors



Calculating door sizes

The doors for a CLIP bi-fold application can be of equal or unequal width. To calculate the door width (DW) of each door:

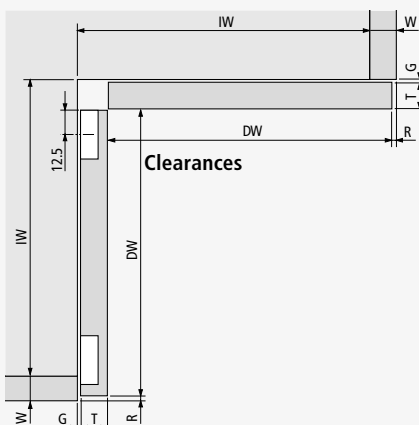
Step 1: Add the interior width (IW) to the side panel width (W).

Step 2: Subtract door thickness (T) and reveal (R).

Step 3: Subtract gap (G) and bumper thickness from behind adjacent door.

Formula: $DW = (IW + W) - T - R \text{ and } -G$

Example: $DW = (500 + 19) - 19 - 3 - 1$
 $DW = 496\text{mm}$



I Hinges I

CLIP and CLIP top Hinges

Cover Caps



blum

Richelieu
Section 3B

Nickel plated steel



701503180



701503180IM

Nylon (black or white)



90M210330

90M210330IM



90M210390

90M210390IM

CLIP top hinge cup cover cap



- Elegant design to cover screws
- CLIP-on attachment/removal
- Nickel plated steel

For CLIP top hinges only
Suitable for screw-on, press-in and EXPANDO hinge cups for CLIP top 107°, 120°, thick door, blind corner and angled hinges.

Hinge cup cover cap	70T1504180
Quantity	1M

CLIP top / CLIP cover caps

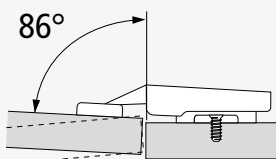
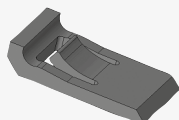
100°, 107°, 120°, and 120°+ and thick door hinges
Diagonal 45° and blind corner hinges

			Finish		Quantity
	Straight arm	90M210390	black		1M
	Straight arm	-	black	with logo	5M
	Straight arm	701503180	steel		1M
	Straight arm	-	steel	with logo	5M

Note: Custom logo available in nylon or nickel plated steel cover caps. Consult your Richelieu representative for minimum quantities and lead times on custom logos.

Angle restriction clips

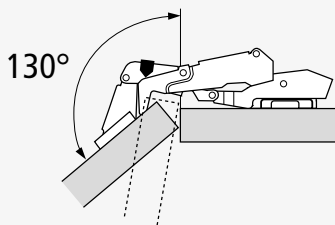
Angle restriction clip for CLIP top 107



- Reduces opening angle of the CLIP top 107° to 86°
- Installs quickly and easily without tools
- Non-removable

86° Angle restriction CLIP	74110390
Quantity	250

Angle restriction clip for CLIP top 170



- Reduces opening angle of the CLIP top 170° to 130°
- Required for special applications of the 170° hinge
- Installs quickly and easily without tools

130° Angle restriction CLIP	70610390
Quantity	250

Positive angled CLIP top hinges

- Standard packaging for all Hinges: Box of 50/250



+15°



+20°



+30°



INSERTA

79A9494180

79A9595180

79A9496180

79A9596180



+45°

INSERTA

79A9498180

Negative angled CLIP top hinges



-15°



-30°



-45°

INSERTA

79A5493180

79A5491180

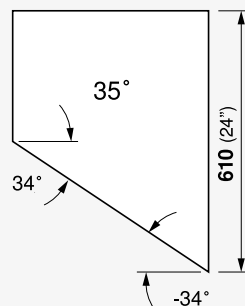
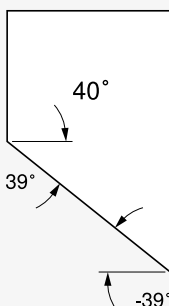
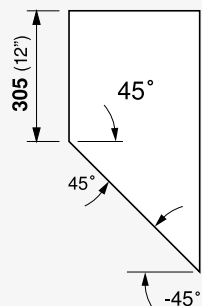
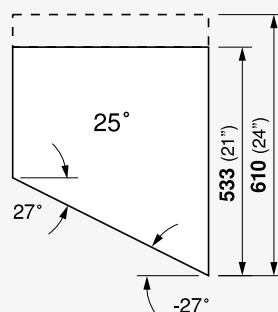
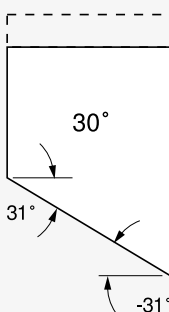
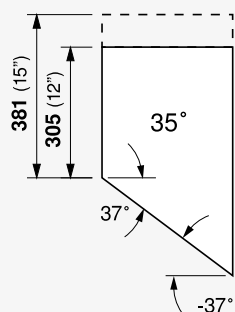
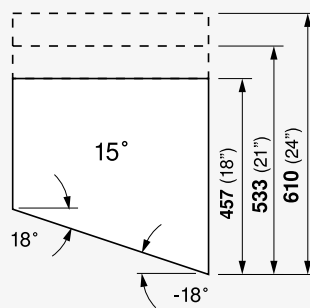
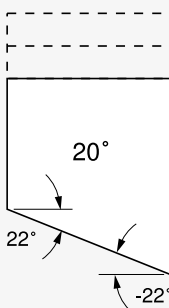
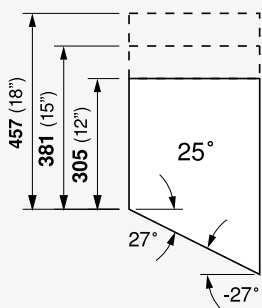
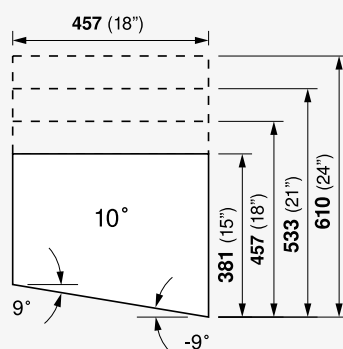
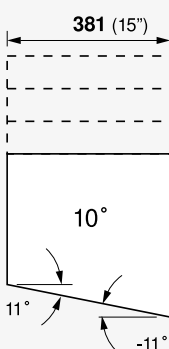
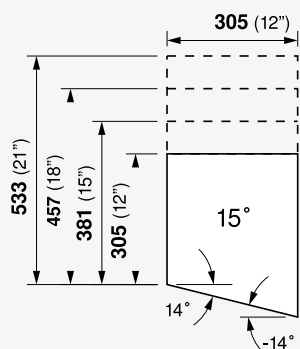
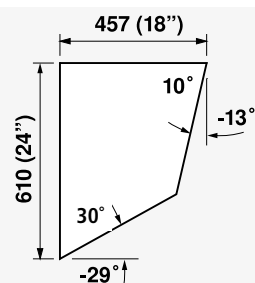
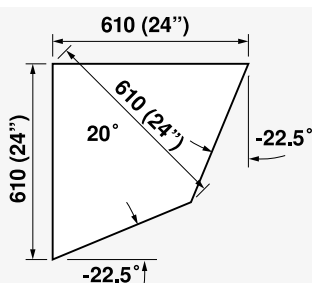
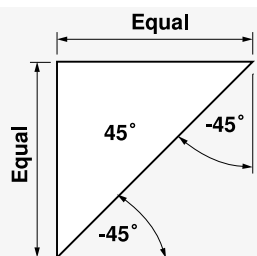
79A5490180

I Hinges |

CLIP and CLIP top Hinges

Angled Cabinet Configurations

Match desired configuration to "Angle-to-style cross-reference" chart on page 3B46



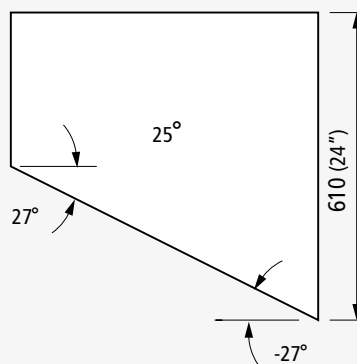
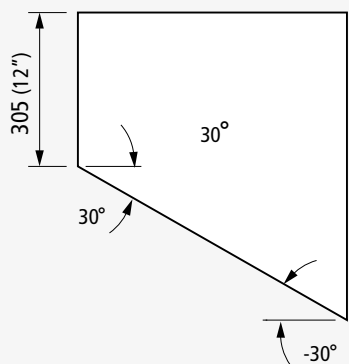
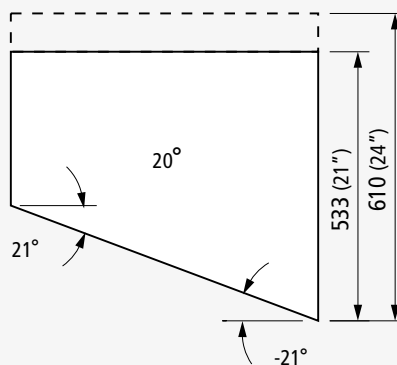
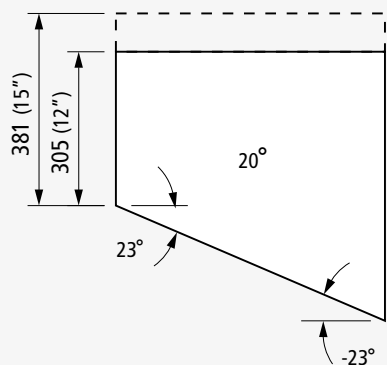
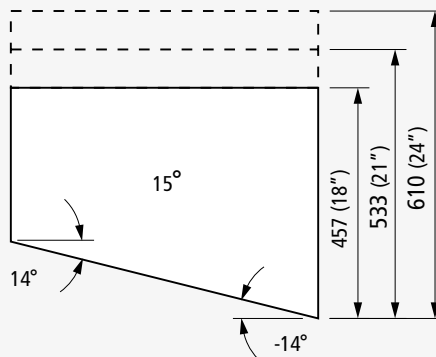
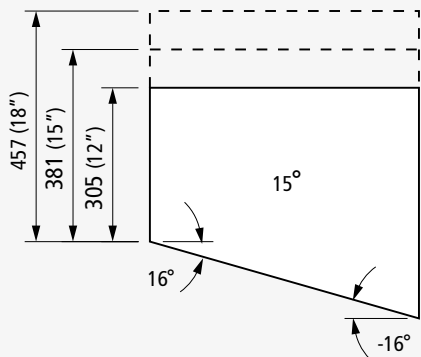
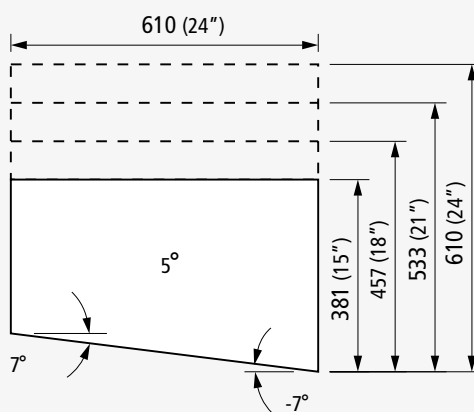
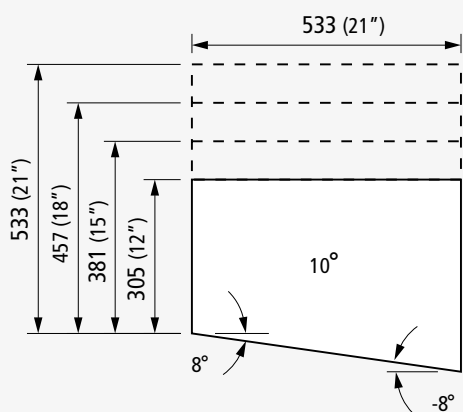
CCRMUS 2017

I Hinges |

CLIP and CLIP top Hinges

Angled Cabinet Configuration

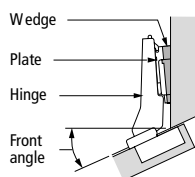
Match desired configuration to "Angle-to-style cross-reference" chart on page 3B46



I Hinges |

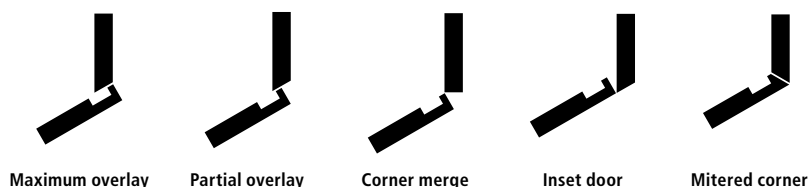
CLIP and CLIP top Hinges

Angled-to-Style Cross Reference

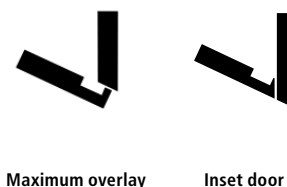


Code number		
Hinge	CLIP top hinge	Part number
Plate	CLIP mounting plate	Part number
Wedge	May or may not be required	Part number

Positive angles



Negative angles



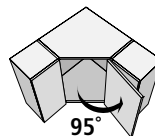
	1	10	19	27		42	51
5°	71T955180	71T955180	71T965180	71T979180		71T955180	71T965180
	173H710180	173H710180	173H710180	173H710180		173H710180	173H710180
	171A5010180	171A5010180	171A5070180	171A5010180		171A5500180	171A5500180
10°	2	11	20	28		43	52
	79A9494180	79A9494180	79A9494180	79A9494180		79A5493180	79A5493180
	173H710180	173H710180	175H919022180	175H919022180		173H710180	175H719180
	171A5500180	171A5500180	171A5500180	171A5500180		171A5010180	171A5070180
15°	3	12	21	29	36	44	53
	79A9494180	79A9494180	79A9595180	79A9595180	79A9595180	79A5493180	79A5493180
	175H916180	175H919180	173H713180	175H919180	173H710180	173H710180	175H919022180
	—	—	171A5500180	171A5500180	171A5500180	—	—
20°	4	13	22	30	37	45	54
	79A9494180	79A9595180	79A9595180	79A9595180	79A9595180	79A5493180	79A5493180
	173H710180	173H710180	175H919180	175H919022180	175H916180	173H710180	175H719180
	171A5070180	—	—	—	—	171A5500180	171A5500180
25°	5	14	23	31	38	46	55
	79A9496180	79A9595180	79A9596180	79A9596180	79A9596180	79A5491180	79A5491180
	173H710180	173H710180	173H710180	175H919022180	173H710180	173H710180	175H719180
	171A5500180	171A5010180	171A5500180	—	171A5500180	171A5040180	171A5070180
30°	6	15	24	32	39	47	
	79A9496180	79A9596180	79A9596180	79A9596180	79A9596180	79A5491180	
	175H916180	173H710180	175H919180	175H919022180	173H713180	173H713180	
	—	—	—	—	—	—	
35°	7	16	25	33	40	48	
	79A9496180	79A9596180	79A9596180	79A9596180	79A9596180	79A5491180	
	173H710180	173H710180	173H710180	—	173H710180	173H710180	
	171A5070180	171A5010180	171A5070180	171A5010180	171A5040180	171A5500180	
40°	8	17		34		49	
	79A9498180	79A9498180		—		71T955180	
	173H710180	175H916180		175H919180		173H710180	
	171A5500180	—		171A5500180		171A5040180	
45°	9	18	26	35	41	50	
	79A9498180	79T559180	79A965180	79T559180	—	79A5490180	
	175H916180	173H710180	173H710180	175H919022180	173H710180	173H713180	
	—	—	—	—	—	—	

CLIP Angle Cross Corner 45°

- For corner cabinets with set back doors
- For display cabinets
- All metal hinge, nickel plated
- 95° opening angle
- With closing mechanism (spring)
- Tool free assembly and removal of door
- 3-dimensional adjustment (with relevant mounting plate)
- Standard packaging: Box of 50/250

See also

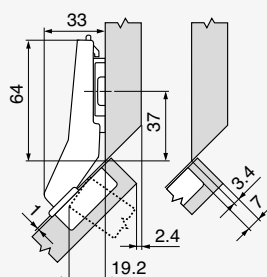
Cover caps	See page 3B47
Mounting plates	See page 3B53 to 55
BLUMOTION for doors	See page 3B2 to 9



Applications

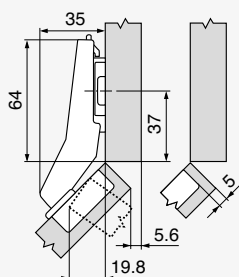
Panel cabinet applications

Overlay door

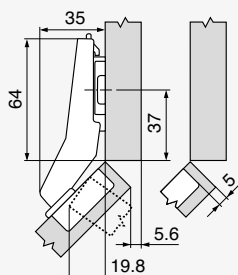


Required side adjustment: + 1.7 mm

Twin overlay doors

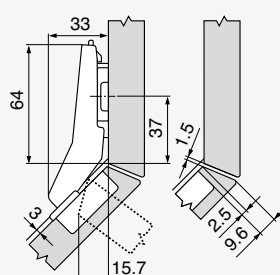


Inset door



Use hinge for corner cabinet and 18 mm thick mounting plate 175H919022180

Mitered door



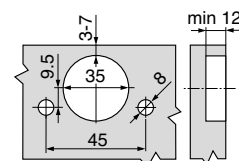
Angled 45° hinges

	Self close
Screw-on	-
Press-in	-
INSERTA	79A9698180



Important: These dimensions are based on a 19 mm thick door and carcass. Dimensions would need to be altered if either 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.

Knock-in or Inserta



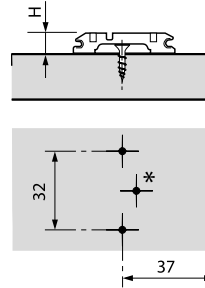
Hinges | CLIP and CLIP top Hinges

CLIP Mounting Plates

Cam Mounting Plate

- Material: Steel, nickel plated
- Attached with wood screws #6 x 5/8" (see section 1)
- Cam height adjustable +/-2mm
- *Add additional wood screw if used with wide angled hinges
- Wood screws #6 x 5/8"

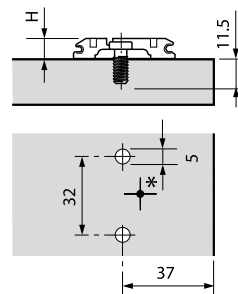
PRODUCT	HEIGHT	QTY/BOX
173H710180	(H) Height 0	500
173H713180	(H) Height 3	500



Cam Mounting Plate

- Material: Steel, nickel plated
- Attached with system screws (6611152G)
- Cam height adjustment +/-2mm
- *Add additional wood screw if used with wide angled hinges

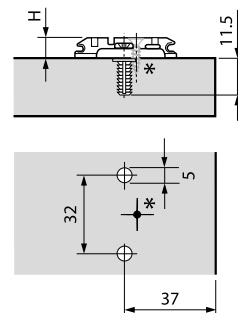
PRODUCT	SYSTEM SCREWS	HEIGHT	QTY/BOX
173H910180	6611152G	(H) Height 0	500
173H913180		(H) Height 3	500



EXPANDO Cam Mounting Plate

- Material: Steel, nickel plated
- Attached with pre-mounted screws with EXPANDO dowels
- Cam height adjustment +/-2mm
- *Add additional wood screw if used with wide angled hinges
- EXPANDO dowels pre-mounted

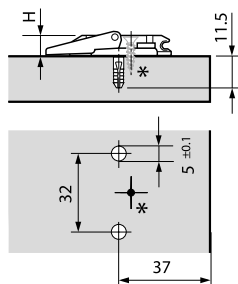
PRODUCT	HEIGHT	QTY/BOX
174H710180	(H) Height 0	500
174H713180	(H) Height 3	500



INSERTA Cam Mounting Plate

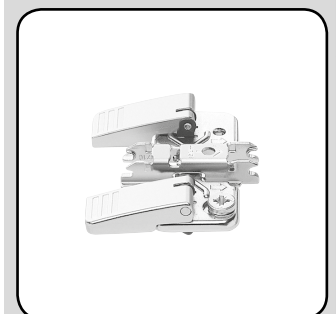
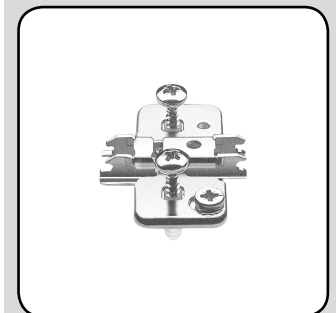
- Material: Steel (closing lever – zinc die-cast, nickel plated)
- Tool-free assembly with self-anchoring feature
- Cam height adjustment +/-2mm
- *Add additional wood screw if used with wide angle hinges
- INSERTA dowels pre-mounted

PRODUCT	HEIGHT	QTY/BOX
174E710180	(H) Height 0	250
174E713180	(H) Height 3	250



blum

**Richelieu
Section 3B**



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 CORBELS AND FLOOR REGISTERS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND SHOP SUPPLIES
- 20 COMMERCIAL DISPLAY HARDWARE
- 21 MOLDING, RAILING AND BATHROOM HARDWARE

I Hinges I

CLIP and CLIP top Hinges

CLIP Mounting Plates

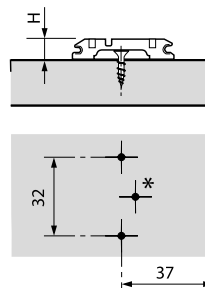


Richelieu Section 3B

One Piece Wing Mounting Plate

- Material: Steel, nickel plated
- Attached with wood screws #6 x 5/8" (see section 1)
- Height adjustment +/-3mm
- *Add additional wood screw if used with wide angled hinges
- Wood screws #6 x 5/8"

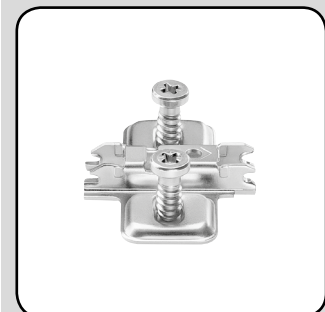
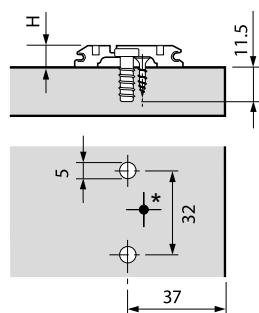
PRODUCT	HEIGHT	QTY/BOX
173L610180	(H) Height 0	500
173L613180	(H) Height 3	500



One Piece Wing Mounting Plate

- Material: Steel, nickel plated
- Attached with pre-mounted system screws Ø 5mm
- Height adjustment +/-3mm
- *Add additional wood screw if used with wide angled hinges
- System screws pre-mounted Ø 5mm

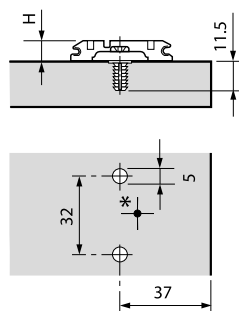
PRODUCT	HEIGHT	QTY/BOX
173L810180	(H) Height 0	500
173L813180	(H) Height 3	500



EXPANDO Mounting Plate

- Material: Steel, nickel plated
- Attached with pre-mounted screws with EXPANDO dowels
- Height adjustment +/-2mm
- *Add additional wood screw if used with wide angled hinges
- EXPANDO dowels pre-mounted

PRODUCT	HEIGHT	QTY/BOX
174E610180	(H) Height 0	500



I Hinges | CLIP and CLIP top Hinges

CLIP Mounting Plates

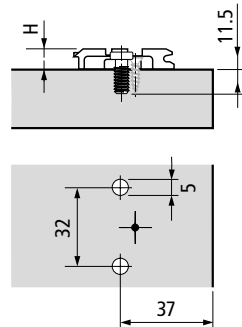


Richelieu Section 3B

One Piece Wing Mounting Plate

- Material: Zinc die-cast, nickel plated
- Attached with pre-mounted system screws Ø 5mm
- Height adjustment ± 3 mm
- Add additional wood screw if used with wide angle hinges

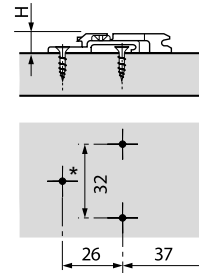
PRODUCT	SYSTEM SCREWS	HEIGHT	QTY/BOX
175L810180	Pre-mounted Ø5mm	(H) Height 0	500
175L813180		(H) Height 3	500
175L819180		(H) Height 9	50/250



Two Piece Wing Mounting Plate

- Material: Zinc die-cast, nickel plated
- Attached with wood screws #6 x 5/8" (see section 1)
- Height adjustment ± 2 mm
- *Add additional wood screw if used with wide angled hinges

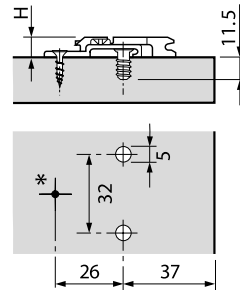
PRODUCT	HEIGHT	QTY/BOX
175H710180	(H) Height 0	500
175H713180	(H) Height 3	50/250
175H719180	(H) Height 9	50/250



Two Piece Wing Mounting Plate

- Material: Zinc die-cast, nickel plated
- Attached with system screws Ø 5mm (6611152G)
- Height adjustment ± 2 mm
- *Add additional wood screw if used with wide angled hinges

PRODUCT	SYSTEM SCREWS	HEIGHT	QTY/BOX
175H910180	6611152G	(H) Height 0	50/250
175H913180		(H) Height 3	50/250
175H916180		(H) Height 6	50/250
175H919180		(H) Height 9	50/250
175H919022180		(H) Height 18	250



Angled Spacer Wedges for Negative and Positive Angled Hinges



-5°	+5°	+5°	+5°	QTY/BOX
171A5500180	171A5010180	171A5040180	171A5070180	50/250

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CLIP and CLIP top Hinges

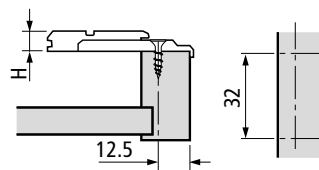
CLIP Face Frame Adapter Plates



Richelieu Section 3B

Face Frame Adapter Plate – Off-Center Mount

- Material: Zinc die-cast, nickel plated
- Attached with wood screws #7 x 3/4" (see section 1)
- Height adjustment +/-2mm
- Use of the PlateMate recommended (see page 3C1)
- Wood screws #7 x 3/4"

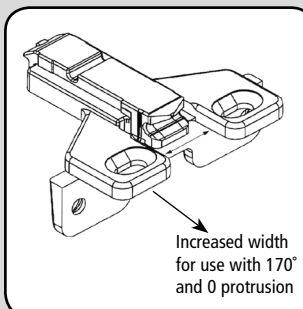
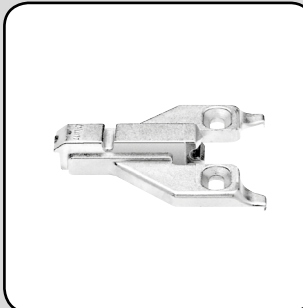


PRODUCT	HEIGHT	QTY/BOX
175L660022180	(H) Height 0	500
175L663022180	(H) Height 3	500
175L666022180	(H) Height 6	250

Face Frame Adapter Plate with Flange

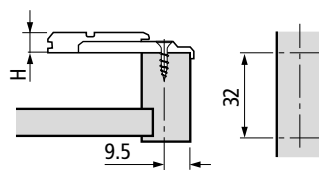
- Material: Zinc die-cast, nickel plated
- Added flange for increased stability
- For use with all CLIP and CLIP top hinges
- Recommended when using the 170° and 0 protrusion hinges on face frame cabinets
- Off-center mount 12.5 (1/2")
- Height adjustment +/-2mm
- Use of the PlateMate recommended
- Replaces Blum 175L6600.23
- Wood screws #7 x 3/4"

PRODUCT	HEIGHT	QTY/BOX
175L660024180	(H) Height 3	250

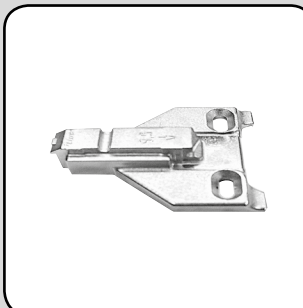


Face Frame Adapter Plate – Center Mount

- Material: Zinc die-cast, nickel plated
- Attached with wood screws #7 x 3/4" (see section 1)
- Height adjustment +/-2mm
- Use of the PlateMate recommended (see page 3C1)
- Wood screws #7 x 3/4"

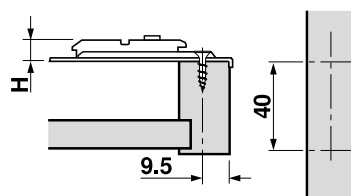


PRODUCT	HEIGHT	QTY/BOX
175L603021180	(H) Height 3	500



Face Frame Cam Adapter Plate – Center Mount

- Material: Steel, zinc die-cast and nickel plated
- Center mount (9.5mm)
- Cam height adjustment +/-2mm
- Use of the PlateMate 655030 recommended
- Attached with wood screws #7 x 3/4"
- Center mount 9.5mm



PRODUCT	HEIGHT	QTY/BOX
175H600180	(H) Height 0	250
175H603180	(H) Height 3	250
175H604180	(H) Height 4.5	250
175H606180	(H) Height 6	250



CLIP and CLIP top Hinges

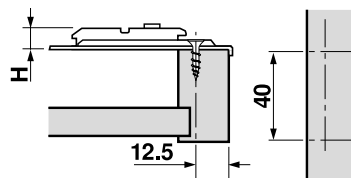
CLIP Face Frame Adapter Plates



Richelieu Section 3B

Face Frame Cam Adapter Plate – Off-Center Mount

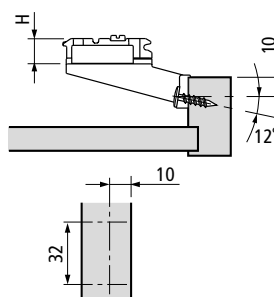
- Material: Steel, zinc die-cast and nickel plated
- Off-center mount (12.5mm) from front edge
- Cam height adjustment +/-2mm
- Use of the PlateMate 655030 recommended
- Attached with wood screws #7 x 3/4"
- To be use with INSERTA hinges
- Off-center mount 12.5mm



PRODUCT	HEIGHT	QTY/BOX
175H660180	(H) Height 0	250

Inset Face Frame Cam Adapter Plate

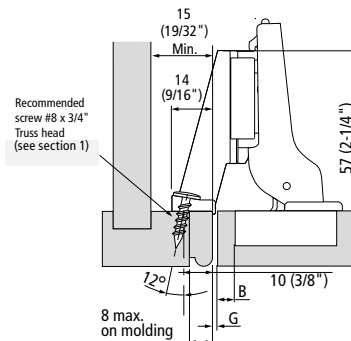
- Use with half-cranked hinges only
- Material: Zinc die-cast, nickel plated
- Attached with truss head screws #8 x 3/4" (see section 1)
- No build-up behind face frame is necessary
- Can be used on frames with applied bead molding
- Cam height adjustment +/-2mm
- 170° hinges not recommended
- Use of the PlateMate 655030 required (see page 3C1)
- Wood screws #8 x 3/4" truss head



PRODUCT	HEIGHT	QTY/BOX
175H503021180	(H) Height 9	250

BORING DISTANCE (B)	6 (1/4")	5 (3/16")	4 (5/32")	3 (1/8")
DOOR GAP (G)	1.6 (1/16")	2.6 (3/32")	3.6 (5/32")	4.6 (3/16")

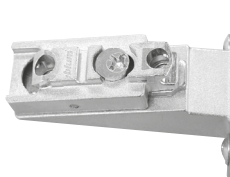
Note: Pre-bore holes for mounting to frame at 12° with 655030 boring template



Spacer for CLIP Mounting Plate

- Reduces overlay by 3mm
- Mounts under CLIP plate
- Gray

PRODUCT	QTY/BOX
18161360	50/500



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 CORBELS AND FLOOR REGISTERS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND SHOP SUPPLIES
- 20 COMMERCIAL DISPLAY HARDWARE
- 21 MOLDING, RAILING AND BATHROOM HARDWARE

NOTES

I Hinges I

COMPACT Hinges

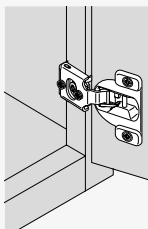
General Specifications

Richelieu
blum Section 3C

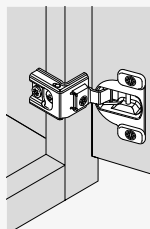
Mounting plate attachment

One piece assembly

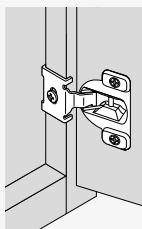
COMPACT 38N
wrap around



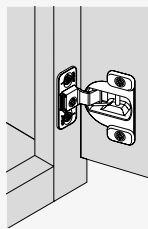
COMPACT 38C/39C
wrap around



COMPACT 38
wrap around

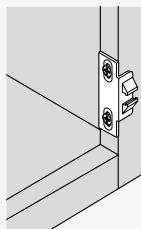


COMPACT 38A
face mount

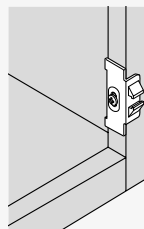


Two piece assembly

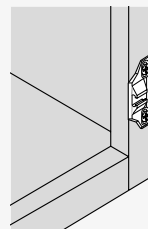
COMPACT 33
edge mount



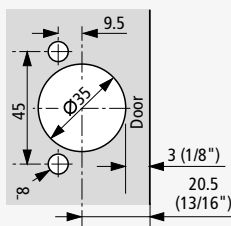
COMPACT 33
wrap around



COMPACT 33
face mount

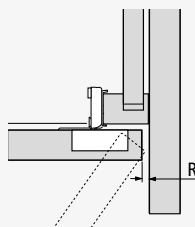


Hinge cup centerpoint



Cup centerpoint and MINIPRESS / MINIDRILL setback position is 20.5 (13/16") for COMPACT hinges.

Minimum reveal

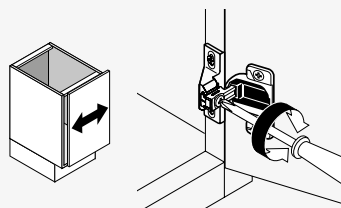


A minimum reveal per door is required to keep the door from binding and varies depending on door thickness (see Minimum reveal table for each hinge).

Three-way independent adjustment

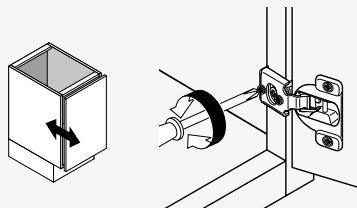
Side adjustment

Side adjustment possible on all COMPACT hinges except 38. series. COMPACT 38C/39C have cam side adjustment.



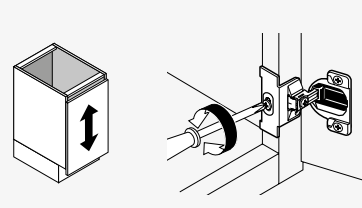
Depth adjustment

COMPACT 38N, 38C and 39C have cam depth adjustment.



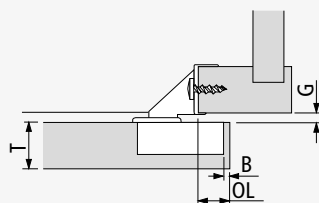
Height adjustment

All COMPACT hinges are independently height adjustable.



One piece mounting plate

Hinge dimension abbreviations



B = Boring distance
 OL = Door overlay
 G = Door gap

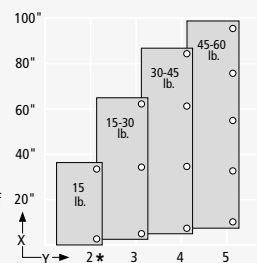
P = Door protrusion (at max. opening)
 R = Reveal
 S = Hinge arm protrusion

T = Door thickness

Hinges per door

X = Door height
 Y = Number of hinges

This chart can serve as a guide for determining the number of hinges per door. Note that door weight can also determine the number of hinges required.

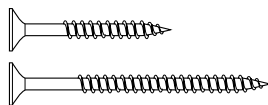
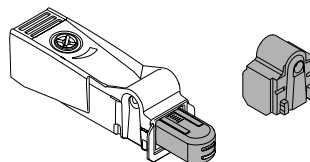


* The distance between the two hinges must be greater than the width of the door for maximum stability.

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COMPACT BLUMOTION for Door

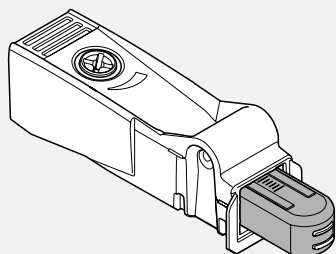
- Offers the same quality of motion as Blum drawer systems with BLUMOTION
- Adjustable for various door sizes and weights
- Installs on the hinge side of the cabinet
- Nickel plated zinc die cast construction
- Designed for use with Blum COMPACT series hinges



All you need for COMPACT BLUMOTION installation
(Mechanism, spacer, screws)

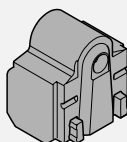
Individual parts

BLUMOTION mechanism



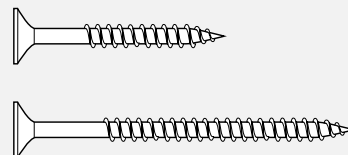
971A9700

Partial overlay spacer



971A9709

Wood screws



#8 x 1-1/4"

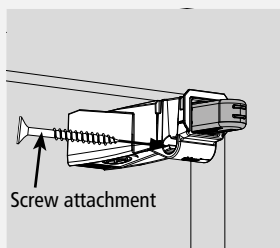
FKCNZ8114PRJ

#8 x 2"

FKCNZ82PRJ

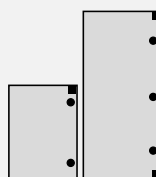
Specifications

Mounting



BLUMOTION for doors mounts anywhere on the hinge-side style of the cabinet using a 1-1/4" (or 2" screw when using spacer).

Number per door



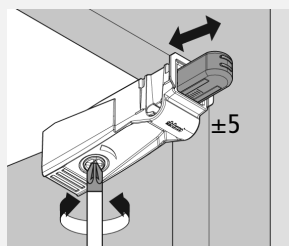
BLUMOTION 971A

● Hinges

One BLUMOTION for doors for COMPACT is enough for most applications. For larger or heavier doors two or more may be required.

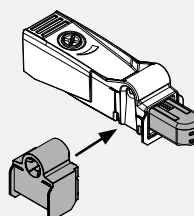
*Trial application recommended.

Adjustment

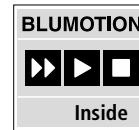


Use a Phillips or POZI screw driver to adjust the contact point in or out 5 mm. Adjust out for larger, heavier doors or in for smaller, lighter doors.

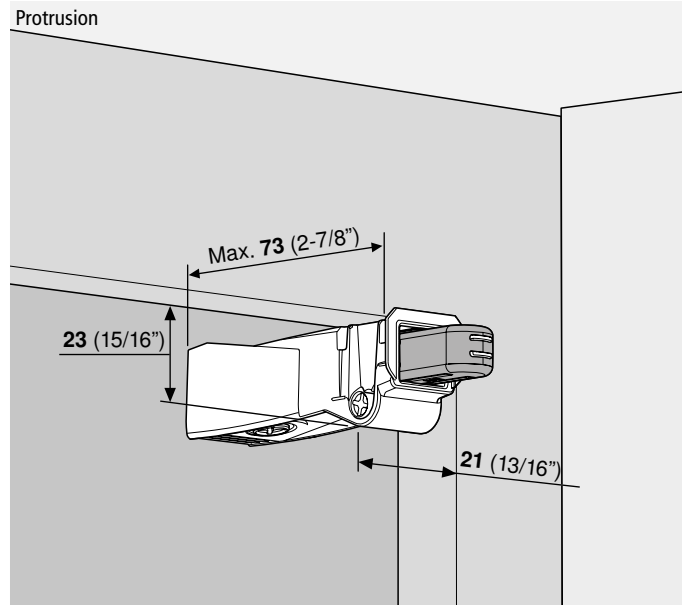
Attachment of partial overlay spacer



The partial overlay spacer snaps on to the side of the BLUMOTION for easier mounting.



Full overlay application (1" or greater overlay)

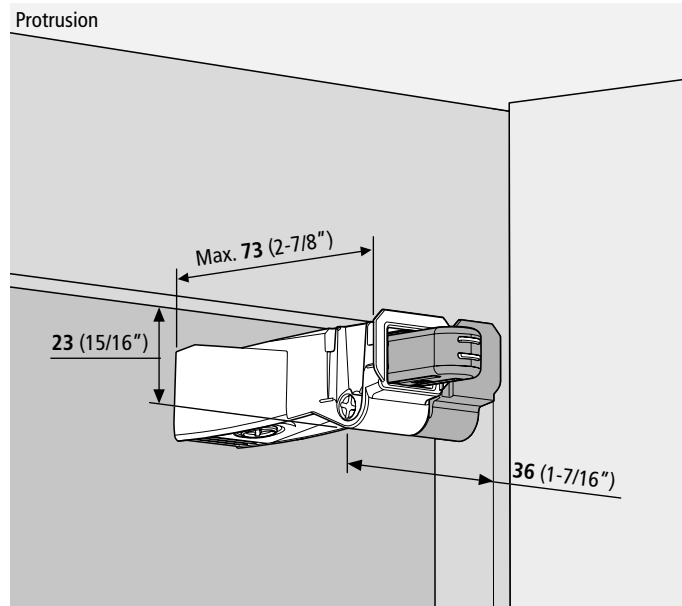


BLUMOTION mechanism
 #8 x 1-1/4" wood screw

971A9700

See section 1

Partial overlay application (less than 1" overlay)



BLUMOTION mechanism
 Partial overlay spacer
 #8 x 2" wood screw

971A9700

971A9709

See section 1

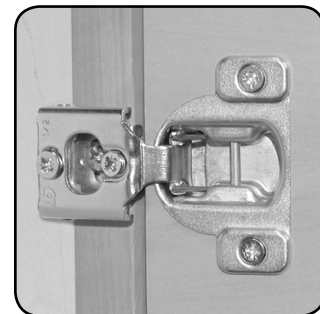
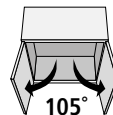
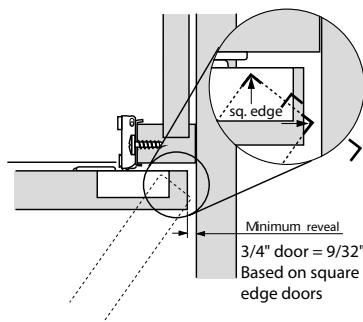
COMPACT 38N, 105°

- Steel, nickel plated
- 105° opening angle
- One piece assembly
- Wrap around mount
- 7/16" cup depth
- +/-1/8" height adjustment
- +/-1/16" side adjustment
- +3/32" -1/32" cam depth adjustment
- Standard packaging: Box of 250

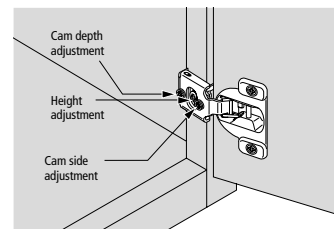
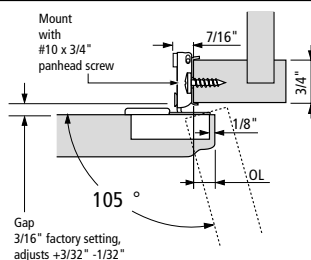
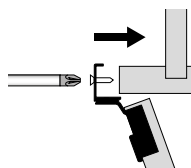
See also


General specs & installation	Page 3C1
BLUMOTION for doors	Section 3B


Minimum Reveal



Overlay application



WRAP AROUND	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
Screw-on	—	38N35506180	—	38N35508180	38N35510180	38N35512180
Press-in 	—	38N35806180	38N35807180	38N35808180	38N35810180	38N35812180

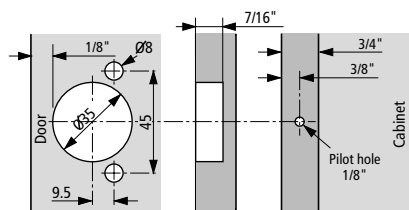
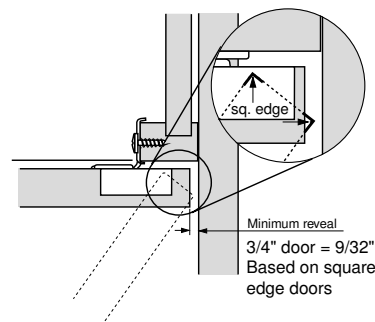
EDGE MOUNT	3/8"	1/2"
Screw-on	—	38N355E08180
Press-in 	—	38N358E08180



Features

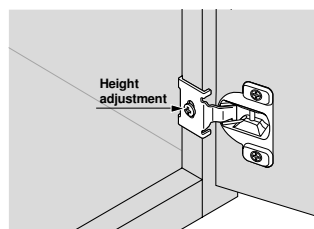
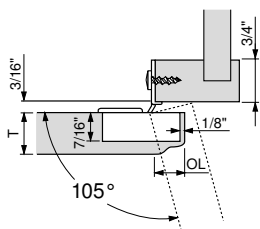
- Steel, nickel plated
- 105° opening angle
- One piece assembly
- Edge mount
- 7/16" cup depth
- +/-1/8" height adjustment
- Standard packaging: Box of 250

Minimum Reveal



38N & 38 Blum boring pattern

Edge mount	1/2"
Press-in 	38358E08180



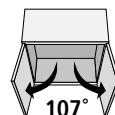
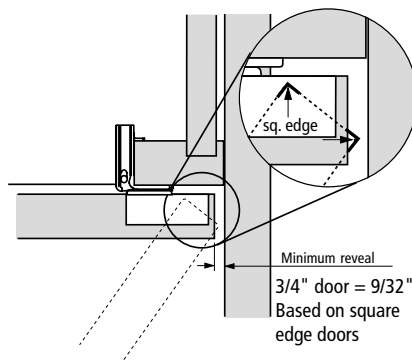
COMPACT 38C, 107°

- Steel, nickel plated
- 107° opening angle
- One piece assembly
- Wrap around mount
- 7/16" cup depth
- +/-1/8" height adjustment
- +/-1/16" cam side adjustment
- +3/32" -1/32" cam depth adjustment
- Standard packaging: Box of 300


See also

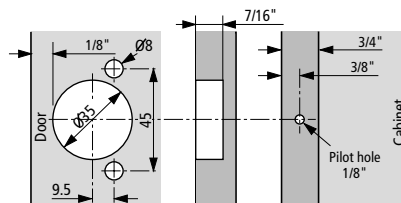
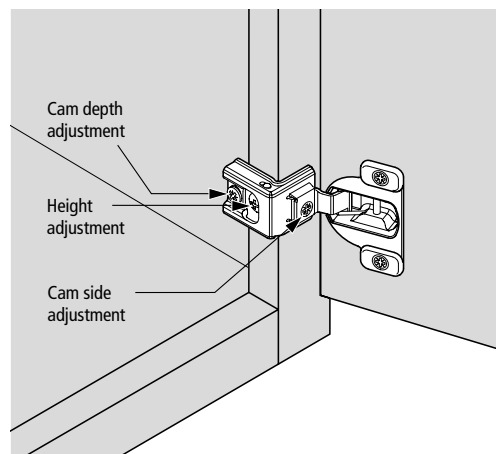
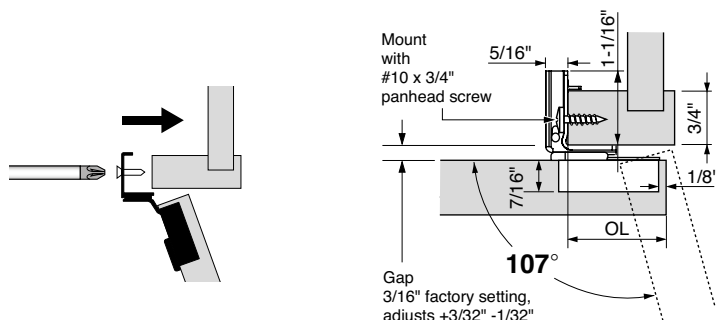
General specs & installation	Page 3C1
BLUMOTION for doors	Section 3B

Minimum Reveal



Overlay application

	1"	1-1/4"	1-5/16"	1-3/8"	1-1/2"	1-9/16"
Screw-on	-	38C35520180	-	-	-	-
Press-in 	-	38C35820180	38C35821180	38C35822180	38C35824180	-



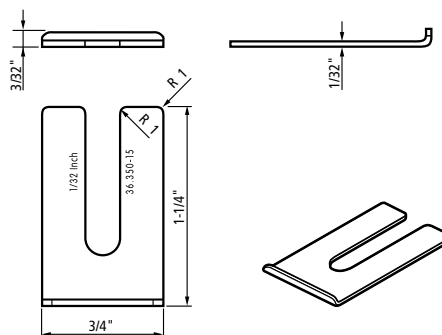
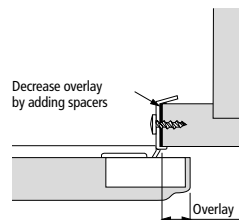
Blum boring pattern

COMPACT 38 Spacer



Distance spacer for 38 hinges

Decreases door overlay in $1/32$ " increments.
 Can be stacked to achieve desired overlay reduction.
 Zinc coated steel.



38 DISTANCE SPACER

1/32"	QTY/BOX
363515	1000

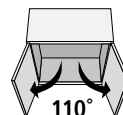
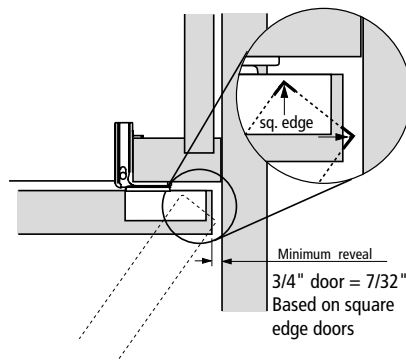
COMPACT 39C, 110°

- Steel, nickel plated
- 110° opening angle
- One piece assembly
- Wrap around mount
- 1/2" cup depth
- +/-1/8" height adjustment
- +/-1/16" cam side adjustment
- +3/32" -1/32" cam depth adjustment
- Standard packaging: Box of 300


See also

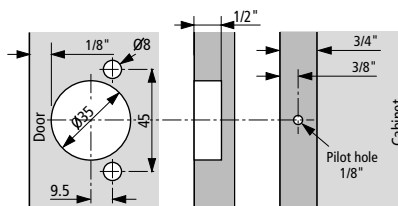
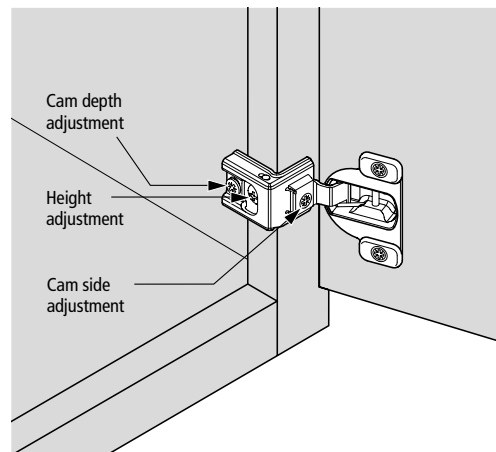
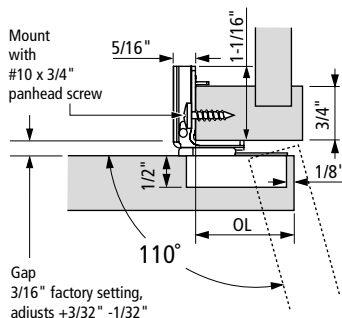
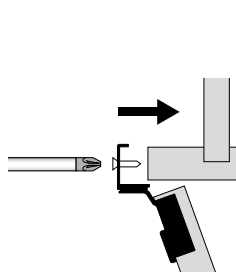
General specs & installation	Page 3C1
BLUMOTION for doors	Section 3B

Minimum Reveal



Overlay application

	1"	1-3/16"	1-1/4"	1-5/16"	1-3/8"	1-1/2"	1-9/16"
Screw-on	-	-	39C35520180	39C35521180	39C35522180	-	-
Press-in 	39C35816180	-	39C3580180	39C35821180	39C35822180	39C35824180	39C35825180



Blum boring pattern

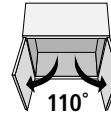
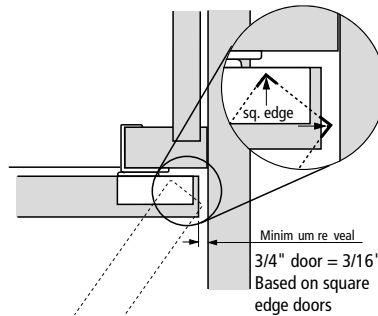
COMPACT 33, 110°

- Zinc die-cast hinge and mounting plates
- 110° opening angle
- Two piece assembly
- Wrap around, edge or face mount
- 1/2" cup depth
- +/-9/64" height adjustment
- -1/8" side adjustment only
- Standard packaging: Box of 25/250

See also

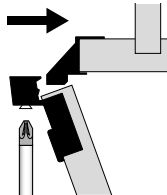
General specs & installation	Page 3C1
BLUMOTION for doors	Section 3B

Minimum Reveal

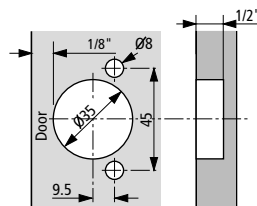


Overlay Application

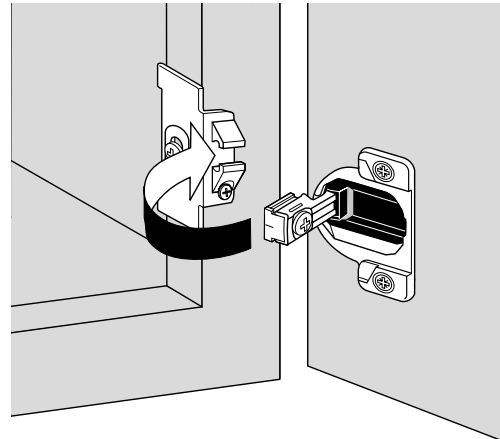
Screw-on	33360180 *	with barcode packaging
Screw-on	UC33460180	
Press-in	33363180	



COMPACT 33 hinges are designed to slide on to edge mount, wrap around or face mount applied mounting plates.



Blum boring pattern



I Hinges |

COMPACT Hinges

COMPACT 33 Mounting Plates



Richelieu Section 3C

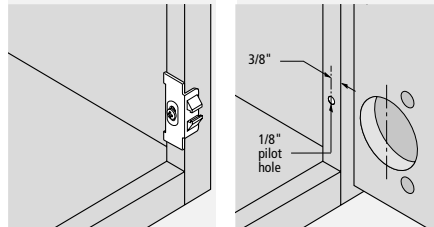
Wrap Around Mounting Plates

- Material: Zinc die-cast, nickel plated
- Attached with #10 wood screws
- Overlays from 1/2" to 1-5/8"

3/4"	1-1/8"	QTY/BOX
13021022180	13021202180	500

Overlays

► An additional attachment screw is required on mounting plates with 1-3/8" to 1-5/8" overlays to insure stability. Install after height adjustments have been made.



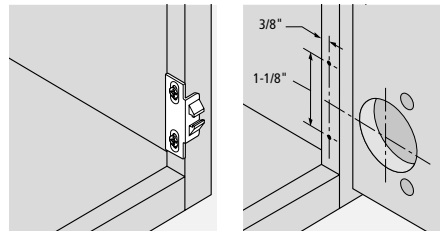
Edge Mount Mounting Plates

- Material: Zinc die-cast, nickel plated
- Attached with #6 x 5/8" wood screws
- Overlays from 1/4" to 1-5/8"

1/4"	1/2"	5/8"	3/4"	1"	QTY/BOX
13011024180	13011023180	13011026180	13011022180	1301111180	250/500
1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	
130112180	130113180	130114180	130115180	130116180	250

Overlays

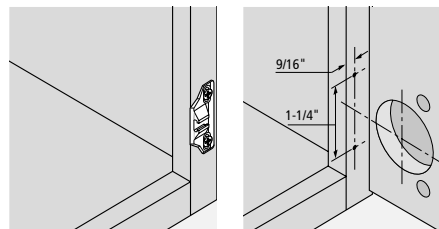
► An additional attachment screw is required on mounting plates with 1-3/8" to 1-5/8" overlays to insure stability. Install after height adjustments have been made.



Face Mount Mounting Plates

- Material: Zinc die-cast, nickel plated
- Attached with #6 x 5/8" wood screws
- Overlay 1-3/8" or greater

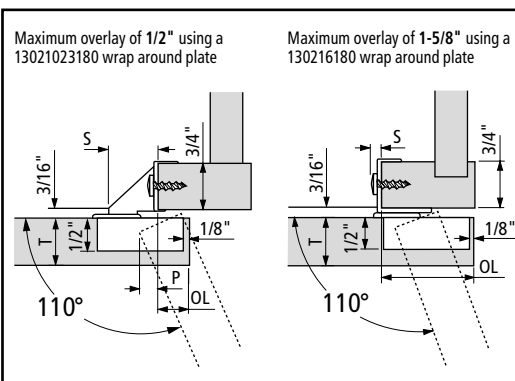
OVERLAYS 1-3/8" +	QTY/BOX
133024180	500



Mounting Plate Specifications

MOUNTING PLATE	OL	S	P
13011024180	1/4"	1-1/8"	1/2"
13011023180	1/2"	7/8"	1/4"
13011026180	5/8"	3/4"	1/8"
13011022180	3/4"	5/8"	0
1301111180	1"	3/8"	0
130112180	1-1/8"	1/4"	0
130113180	1-1/4"	3/16"	0
130114180	1-3/8"	3/16"	0
130115180	1-1/2"	3/16"	0
130116180	1-5/8"	3/16"	0

Hinge arm protrusion (S), and door protrusion (P), for edge mount mounting plates



CCRMUS 2017

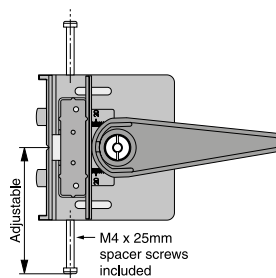
NOTES

PlateMate

- Boring template for all Blum face frame adapter plates
- Clamps to the frame with cam lever. Adjustment knob accommodates frame thickness of 5/8" to 1"
- Spacer screws permit quick use without measuring

Includes:

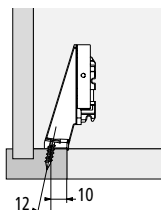
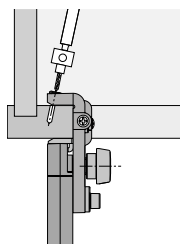
- 2.5mm pilot bit and drill bit extension
- reversible bushing insert for 32mm hole spacing (for 175L6xxx)
- reversible bushing insert for 40mm hole spacing (for 175H6xxx)
- bushings reverse from 9.5mm to 12.7mm setback



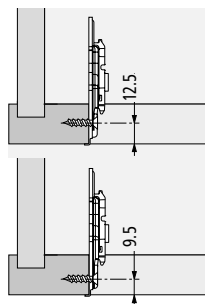
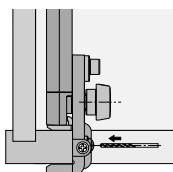
PRODUCT	DESCRIPTION	QTY/BOX
655030	PlateMate	1

Using the PlateMate

Boring pilot holes for **inset** face frame adapter plate



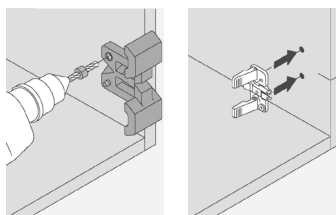
Boring pilot holes for **overlay** face frame adapter plate



Blum Mounting Plate Drilling Jig

Specifications:

- Simple location of cruciform mounting plate fixing positions
- Transfer of measurements from door to carcass
- Precise 32 mm system drilling thanks to positioning pin (particularly important for INSERTA mounting plates)
- Drilling jig incl. 1 pce. drilling depth stop for drill Ø 5 mm
- Suitable for: Cruciform mounting plate 37/32 (systems screws, EXPANDO or INSERTA)
- As well for BLUMOTION - cruciform adapter plate



PRODUCT	DESCRIPTION	QTY/BOX
655070	Drilling jig for mounting plate	1

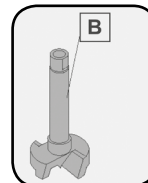
Blum «Ecodrill»

Specifications:

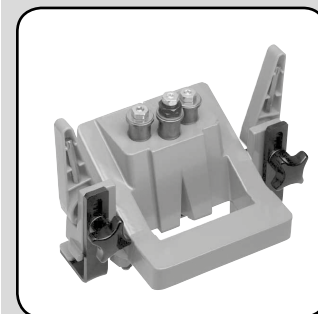
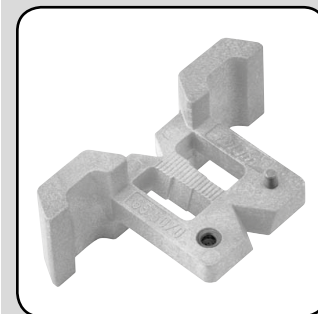
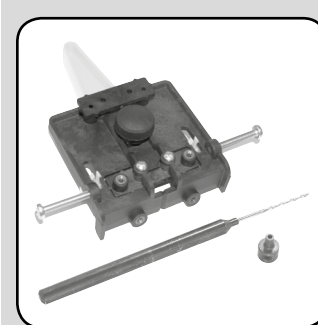
- Simple hand held tool to drill accurate hole patterns for Blum hinges
- Driven by hand drill
- Variable drilling distance (from 2 to 8)
- Clamps to work piece

Includes:

- 1pce. drilling gauge, 1pce. drill Ø 35 mm, 2 pcs. drills Ø 8 mm, 2 pcs. Torx bits



PRODUCT	DESCRIPTION	LENGTH	QTY/BOX
M311000	Ecodrill kit	n/a	1
M02ZB35	(B) replacement drill bits (shank 35 mm - pin 10 mm)	30 mm	1



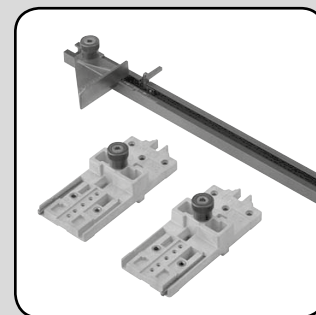
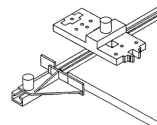
1	SCREWS AND FASTENERS
2	FURNITURE EQUIPMENT
3	HINGES
4	SLIDES
5	CASTERS AND LEGS
6	KITCHEN SOLUTIONS
7	CLOSET SOLUTIONS
8	LIGHTING SOLUTIONS
9	SINKS AND FAUCETS
10	OFFICE
11	SLIDING DOORS
12	GLASS HARDWARE
13	PANELS AND SURFACES
14	EDGE-BANDING
15	CABINET DOORS AND DRAWERS
16	CORBELS AND FLOOR REGISTERS
17	GLUES, SILICONES, CAULK AND INSULATING
18	TOOLS AND SECURITY
19	FINISHING PRODUCTS AND SHOP SUPPLIES
20	COMMERCIAL DISPLAY HARDWARE
21	MOLDING, RAILING AND BATHROOM HARDWARE

Drilling Template for Blum Hinges

This template is a comprehensive device for accurately locating hinges to their corresponding mounting plates and vice-versa. The process is simple and involves little or no measuring which greatly reduces the possibility of operator error. For field installations or setting up production run, the template will « quickly » prove itself as a valuable tool.

Includes:

- (1) 1100 mm rail
- (2) adjustable templates
- (2) marking punch
- (1) adjustable door overlay stop
- (1) fixed stop (for assembled cabinets)
- (1) fixed stop (for unassembled cabinets)



PRODUCT	DESCRIPTION	QTY/BOX
6575001	Template for CLIP hinges	1

Series 200 Concealed Hinges - 110° and 94°

- The Salice series 200 make up an integrated system developed to provide a solution to any situation involving concealed hinges
- They all are equipped with independent and compensating adjustments, a first in the industry
- They all use two systems of metal mounting plates
- Series 200 with traditional assembly and pre-determined stop, steel and die-cast, symmetrical and asymmetrical
- Series DOMI® snap-on, in steel and die-cast
- Order base plates separately

Sold by unit

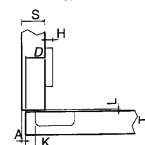
110° OPENING / 11 MM DEEP CUP / POSSIBLE DRILLING DISTANCE «K» 3 TO 6 MM													
PRODUCT	DOOR OPENING			FIXATION TYPES					OVERLAY TYPES				QTY/ BOX
	SELF- CLOSING	FREE SWING	PUSH	DOWELS	SCREW- ON	RAPIDO	LOGICA	KNOCK- IN	OVERLAY	FULL OVERLAY	HALF OVERLAY	INSET	
H110C276A99	◆	-	-	-	-	◆	-	-	-	◆	-	-	300
H110C276D99	◆	-	-	-	-	◆	-	-	1/2"	-	-	-	300
H110C276G99	◆	-	-	-	-	◆	-	-	-	-	◆	-	300
H110C276P99	◆	-	-	-	-	◆	-	-	-	-	-	◆	300
H110C2J6A99	◆	-	-	-	-	-	◆	-	-	◆	-	-	300
H110C2J6D99	◆	-	-	-	-	-	◆	-	1/2"	-	-	-	300
H110C2J6G99	◆	-	-	-	-	-	◆	-	-	-	◆	-	300
H110C2J6P99	◆	-	-	-	-	-	◆	-	-	-	-	◆	300
H110C2P4A99	-	◆	-	-	◆	-	-	-	◆	-	-	-	300
H110C2R4A99	-	◆	-	◆	-	-	-	-	-	◆	-	-	300
H110C2P6A99	◆	-	-	-	◆	-	-	-	-	◆	-	-	300
H110C2P6D99	◆	-	-	-	◆	-	-	-	1/2"	-	-	-	300
H110C2R6A99	◆	-	-	◆	-	-	-	-	-	◆	-	-	300
H110C2R6D99	◆	-	-	◆	-	-	-	-	1/2"	-	-	-	300
H110C2R4G99	-	◆	-	◆	-	-	-	-	-	-	◆	-	300
H110C2R4P99	-	◆	-	◆	-	-	-	-	-	-	-	◆	300
H110C2P6G99	◆	-	-	-	◆	-	-	-	-	-	◆	-	300
H110C2R6G99	◆	-	-	◆	-	-	-	-	-	-	◆	-	300
H110C2P6P99	◆	-	-	-	◆	-	-	-	-	-	-	◆	300
H110C2R6P99	◆	-	-	◆	-	-	-	-	-	-	-	◆	300
H110C2RPA99	-	-	◆	-	-	-	-	◆	-	◆	-	-	300
H110C2RPG99	-	-	◆	-	-	-	-	◆	-	-	◆	-	300
H110C2RPP99	-	-	◆	-	-	-	-	◆	-	-	-	◆	300

94° OPENING / 11 MM DEEP CUP / FOR THICK DOOR TO 32 MM / POSSIBLE DRILLING DISTANCE «K» 3 TO 8 MM												
PRODUCT	DOOR OPENING			FIXATION TYPES				OVERLAY TYPES				QTY/ BOX
	SOFT- CLOSE	SELF- CLOSING	FREE SWING	DOWELS	SCREW- ON	RAPIDO	LOGICA	OVERLAY	FULL OVERLAY	HALF OVERLAY	INSET	
H094C2JBP99	-	◆	-	-	-	-	◆	-	-	-	◆	300
H094C2RAA99	-	-	◆	◆	-	-	-	-	◆	-	-	300
H094C2RBA99	-	◆	-	◆	-	-	-	-	◆	-	-	300
H094C2RBG99	-	◆	-	◆	-	-	-	-	-	◆	-	300
H094C2RBAD9	◆	◆	-	◆	-	-	-	-	◆	-	-	300
H094C2RBP99	-	◆	-	◆	-	-	-	-	-	-	◆	300
H094C2PBA99	-	◆	-	-	◆	-	-	-	◆	-	-	300
H094C2PAP99	-	-	◆	-	◆	-	-	-	-	-	◆	300
H094C2RAP99	-	-	◆	◆	-	-	-	-	-	-	◆	300
H094C2PBP99	-	◆	-	-	◆	-	-	-	-	-	◆	300

Full overlay



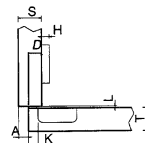
$$H = 15 + K - (D)$$



Half overlay



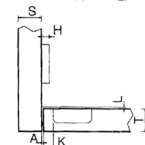
$$H = 6 + K - (D)$$



Inset



$$H = -2 + K + A$$



Use these formulas to determine the type of hinge arm, the door drilling "K" and the height of the mounting plate "H" which is necessary to solve each application problem.

Series 200 Concealed Hinges

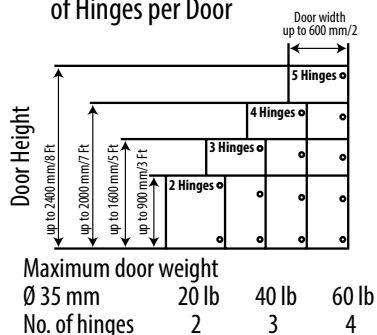
- The Salice series 200 make up an integrated system of hinges developed to provide a solution to any situation involving concealed hinges
- They all are equipped with independent and compensating adjustments
- They all use two systems of metal mounting plates
- Series 200 with traditional assembly and pre-determined stop, steel and die-cast, symmetrical and asymmetrical
- Series DOMI® snap-on, in steel and die-cast
- Order base plates separatly

Sold by unit

120° OPENING / 11MM DEEP CUP / POSSIBLE DRILLING DISTANCE «K» 3 TO 6 MM

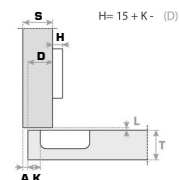
PRODUCT	DOOR OPENING		FIXATION TYPES				OVERLAY TYPES				QTY/BOX
	SELF-CLOSING	FREE SWING	DOWELS	SCREW-ON	RAPIDO	LOGICA	OVERLAY	FULL OVERLAY	HALF OVERLAY	INSET	
H120C279A99	◆	-	-	-	◆	-	-	◆	-	-	300
H120C279D99	◆	-	-	-	◆	-	1/2"	-	-	-	300
H120C279G99	◆	-	-	-	◆	-	-	-	◆	-	300
H120C2J9A99	◆	-	-	-	-	◆	-	-	◆	-	300
H120C2J9D99	◆	-	-	-	-	◆	1/2"	-	-	-	300
H120C2J9G99	◆	-	-	-	-	◆	-	-	◆	-	300
H120C2P8A99	-	◆	-	◆	-	-	-	◆	-	-	300
H120C2R8A99	-	◆	◆	-	-	-	-	◆	-	-	300
H120C2R9A99	◆	-	◆	-	-	-	-	◆	-	-	300
H120C2R9D99	◆	-	◆	-	-	-	1/2"	-	-	-	300
H120C2R9G99	◆	-	◆	-	-	-	-	-	◆	-	300
H120C2P9A99	◆	-	-	◆	-	-	-	◆	-	-	300
H120C2R9A99	◆	-	◆	-	-	-	-	◆	-	-	300
H120C2P9D99	◆	-	-	-	◆	-	1/2"	-	-	-	300
H120C2P9G99	◆	-	-	◆	-	-	-	-	◆	-	300
H120C2R9G99	◆	-	◆	-	-	-	-	-	◆	-	300

Recommended Number of Hinges per Door

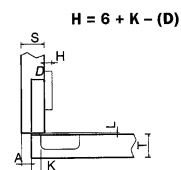
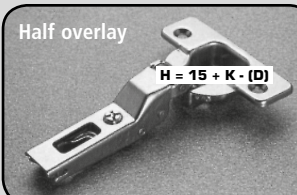


Recommended Number of Hinges per Door

Full overlay



Half overlay



Use these formulas to determine the type of hinge arm, the door drilling "K" and the height of the mounting plate "H" which is necessary to solve each application problem.

Serie 200 Concealed Hinges - 165°

- 11 mm die-cast cup
- Possible drilling distance K = 3 to 8 mm
- Use the same formulas as 94/110°/120° hinges for base plates
- Order base plates separately

PRODUCT	FIXING TYPE	DOOR POSITION	CLOSING MECHANISM	OVERLAY	QTY/ BOX
H165C2PFA99	Screw-On	Full Overlay	Self-Closing	–	100
H165C2PEA99	Screw-On	Full Overlay	Free Swing	–	100
H165C2PFP99	Screw-On	Inset	Self-Closing	–	100
H165C2PFG99	Screw-On	Dual Application / Half Overlay	Self-Closing	–	100
H165C2PFD99	Screw-On	Half Overlay	Self-Closing	–	100
H165C27FD99	Rapido	–	Self-Closing	1/2"	100
H165C27FA99	Rapido	Full Overlay	Self-Closing	–	100
H165C27FP99	Rapido	Inset	Self-Closing	–	100
H165C27FG99	Rapido	Dual Application / Half Overlay	Self-Closing	–	100
H165C2JFA99	Logica	Full Overlay	Self-Closing	–	100
H165C2JFD99	Logica	Half Overlay	Self-Closing	–	100
H165C2RFD99	Dowels	–	Self-Closing	1/2"	100
H165C2RFA99	Dowels	Full Overlay	Self-Closing	–	100
H165C2REA99	Dowels	Full Overlay	Free Swing	–	100
H165C2RFP99	Dowels	Inset	Self-Closing	–	100
H165C2REP99	Dowels	Inset	Free Swing	–	100
H165C2RFG99	Dowels	Dual Application / Half Overlay	Self-Closing	–	100
H165C2REG99	Dowels	Dual Application / Half Overlay	Free Swing	–	100

Serie 200 Concealed Hinges - 155°

Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

- For thicker doors max. 35 mm
- Hinge with greater opening angle and reduced operating profile
- 11 mm die-cast cup
- 155° opening
- Possible drilling distance K = 3 to 9 mm

PRODUCT	FIXING TYPE	DOOR POSITION	CLOSING MECHANISM	OVERLAY	QTY/ BOX
H155C2RKAD9	Knock-in	Full Overlay	Soft-Close	–	100
H155C2RDA99	Knock-in	Full Overlay	Soft-Close	–	100

H165C2PFA99

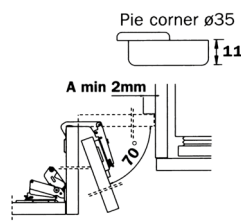


1	SCREWS AND FASTENERS
2	FURNITURE EQUIPMENT
3	HINGES
4	SLIDES
5	CASTERS AND LEGS
6	KITCHEN SOLUTIONS
7	CLOSET SOLUTIONS
8	LIGHTING SOLUTIONS
9	SINKS AND FAUCETS
10	OFFICE
11	SLIDING DOORS
12	GLASS HARDWARE
13	PANELS AND SURFACES
14	EDGE-BANDING
15	CABINET DOORS AND DRAWERS
16	CORBELS AND FLOOR REGISTERS
17	GLUES, SILICONES, CAULK AND INSULATING
18	TOOLS AND SECURITY
19	FINISHING PRODUCTS AND SHOP SUPPLIES
20	COMMERCIAL DISPLAY HARDWARE
21	MOLDING, RAILING AND BATHROOM HARDWARE

Serie 200 Pie Corner Concealed Hinges

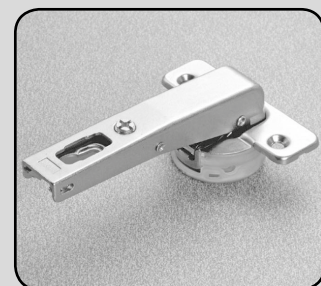
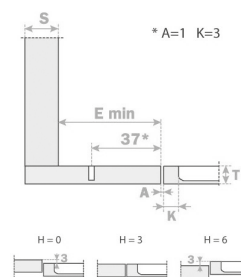
- Self-closing
- With dowels only

PRODUCT	FINISH	FIXING TYPE	CLOSING MECHANISM	HINGE OPENING ANGLE	QTY/ BOX
H10C2PYA99	Titanium	Screw-On	Soft-Close	70°	150
H10C2RYA99	Nickel	Knock-In	Soft-Close	70°	150



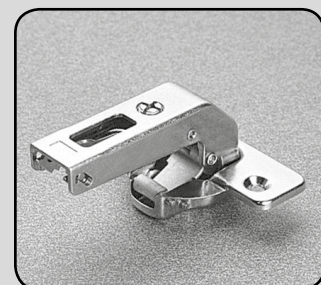
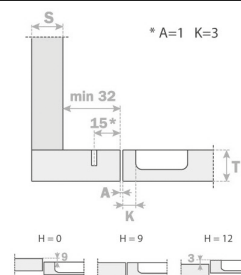
Serie 200 Blind Corner Concealed Hinges for min. 18 mm Thick Doors Long Arm

PRODUCT	FINISH	FIXING TYPE	CLOSING MECHANISM	HINGE OPENING ANGLE	QTY/ BOX
H094C2RBND9AC	Nickel	Knock-In	Soft-Close	94°	150
H090C2RBN99AC	Nickel	Knock-In	Self-Close	94°	150



Serie 200 Blind Corner Concealed Hinges for min. 18 mm Thick Doors Short Arm

PRODUCT	FINISH	FIXING TYPE	CLOSING MECHANISM	HINGE OPENING ANGLE	QTY/ BOX
H090C2RBN99	Nickel	Knock-In	Self-Close	94°	150

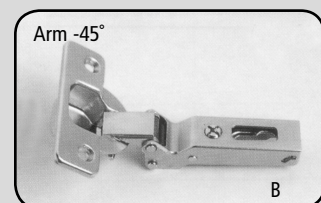


Serie 200 for Doors with Negative Angle

- Possible drilling distance on the door (K) from 3 to 6 mm
- 13 mm deep metal cup
- Available in doweled version only
- Available in self-closing only

Sold by unit

PRODUCT	RE.	CABINET ANGLE	QTY/BOX
H045C2R7H99	B	-45°	150
H030C2R7W99	B	-30°	150



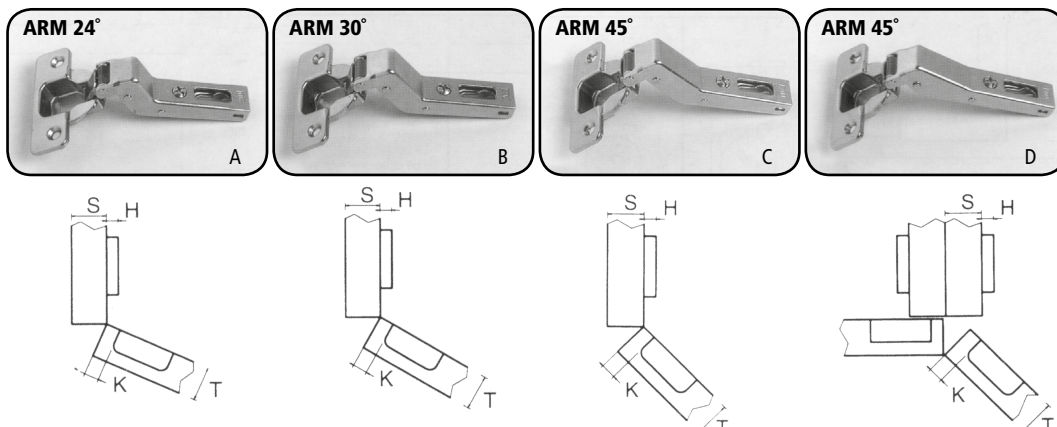
Series 200 Hinges for Doors with Positive Angle

The solution of assembly problems where doors are not mounted at an angle of 90° to the carcase normally requires the verification of drilling distances by a practical trial.

- Possible drilling distance on the door (K) from 3 mm to 8 mm
- 11mm deep metal cup
- Compatible with all traditional mounting plates series 200
- Compatible with DOMI® snap-on mounting plates
- Available in doweled version only
- Available in self-closing only

Sold by unit

PRODUCT	RE.	ARM DEGREES	QTY/BOX
H024C2R7U99	A	24°	150
H030C2R7E99	B	30°	150
H045C2RBV99	C	45°	150
H045C2RBM99AC	C	45°	150
H045C2R7M99AC	D	45°	150
H045C2RBM99	C	45°	150



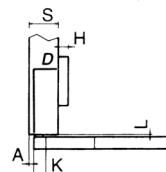
Series 200 Hinges for Glass Door

- Possible drilling distance on the door (K) from 5,5 to 6,5 mm
- Hole diameter 26 mm
- For use with glass of 4 mm - 6 mm thickness
- Compatible with all traditional mounting plates series 200
- Compatible with DOMI® snap-on mounting plates
- Order cover caps separately
- All glass door hinges are self-closing

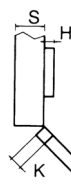
Sold by unit

PRODUCT	DOOR POSITION	ARM	QTY/BOX
H10C2C7A39	Full Overlay	0	150
H10C2C7G39	Inset	9	150
H10C2C7P39	Half Overlay	17	150

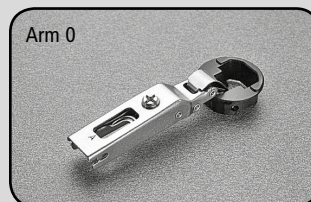
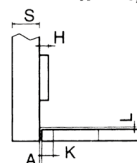
$$H = 12,5 + K - (D)$$



45°



$$H = -4,5 + K + A$$



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Cover Cap for Glass Door Hinge

- Nylon
- For series 200 glass door hinges
- Diameter: 30 mm

Sold by unit

PRODUCT	FINISH
H10P2CTA06PC	Chrome
H10P2CTA08BR	Brass

Series 700 Hinge - 110°

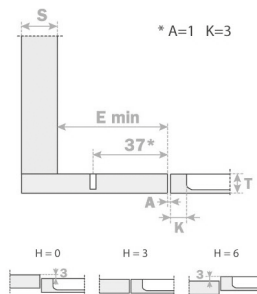
- Reliable under low temperature conditions
- Smooth closing
- Consistent closing speed from one door to the next

Cup drilling depth of 13.5 mm.

PRODUCT	FIXING TYPE	DOOR POSITION	OVERLAY	QTY/BOX
H110C7P6AD9	Screw-On	Full Overlay	-	300
H110C7P6PD9	Screw-On	Inset	-	300
H110C7P6GD9	Screw-On	Dual Application / Half Overlay	-	300
H110C7R6AD9	Knock-In with Insertion Ram Only	Full Overlay	-	300
H110C776AD9	Knock-In with Insertion Ram Only	Full Overlay	-	300
H110C7R6PD9	Knock-In with Insertion Ram Only	Inset	-	300
H110C7R6DD9	Knock-In with Insertion Ram Only	Dual Application / Half Overlay	-	300
H110C7R6GD9	Knock-In with Insertion Ram Only	Dual Application / Half Overlay	-	300
H110C776DD9	Knock-In with Insertion Ram Only	Dual Application / Half Overlay	-	300
H110C7J6DD9	Logica	Dual Application / Half Overlay	1/2"	300
H110C7J6AD9	Logica	Full Overlay	-	300
H110C7J6PD9	Logica	Inset	-	300
H110C7J6GD9	Logica	Dual Application / Half Overlay	-	300

Series 700 Blind Corner Hinges for 16 mm Thick Doors Long Arm

PRODUCT	FINISH	FIXING TYPE	CLOSING MECHANISM	HINGE OPENING ANGLE	QTY/BOX
H090C7R6ND9AC	Nickel	Knock-In	Soft-Close	110°	150

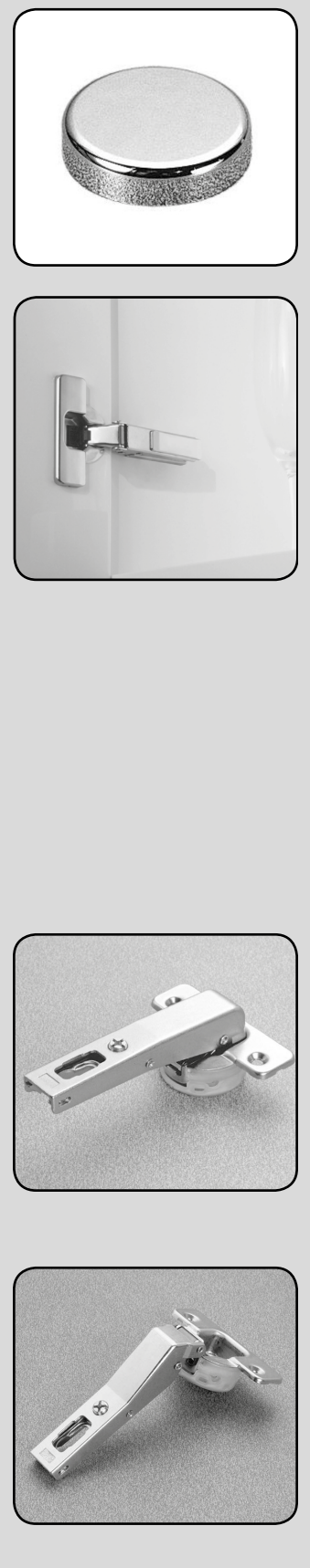
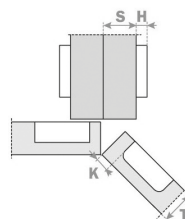


Hinges with Integrated Soft-Close Mechanism in the Hinge Cup

Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

- For wooden doors with positive angled assembly
- Hinges for min. 16 mm thick doors
- 13,5 mm deep cup
- 110° opening
- Possible drilling distance (K) of 3 to 6 mm

PRODUCT	FINISH	FIXING TYPE	QTY/BOX
H045C7R6MD9AC	Nickel	Knock-in	150



F Series Concealed Hinges - 94°

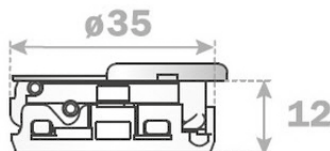
- 12 mm-deep metal cup
- 40 mm cup diameter
- Screw-on only
- Possible drilling distance (K) of 3 to 15 mm
- Overlays up to 1-5/16"
- Solves many hinging problems
- Order base plates separately

PRODUCT	FINISH	DOOR POSITION	CLOSING MECHANISM	HINGE OPENING ANGLE	QTY/BOX
H094CFA5A99	Nickel	Overlay	Free Swing	94°	300
H094CFA5G99	Nickel	Dual Application / Half Overlay	Free Swing	94°	300
H094CFA5P99	Nickel	Inset	Free Swing	94°	300
H094CFA7A99	Nickel	Overlay	Self-Closing	94°	300
H094CFA7G99	Nickel	Dual Application / Half Overlay	Self-Closing	94°	300
H094CFA7P99	Nickel	Inset	Self-Closing	94°	300

Series 100 Concealed Hinges 105°

- High resistance
- Reliable under low-temperature conditions
- Smooth closing
- Consistent closing speed from one door to the next

Cup drilling depth of 12 mm.



PRODUCT	FINISH	FIXING TYPE	DOOR POSITION	OVERLAY	QTY/BOX
H105C1P6AD9	Nickel	Screw-On	Full Overlay	—	300
H105C1P6DD9	Nickel	Screw-On	Dual Application / Half Overlay	—	300
H105C1P6GD9	Nickel	Screw-On	Dual Application / Half Overlay	—	300
H105C176AD9	Nickel	Rapido	Full Overlay	—	300
H105C176PD9	Nickel	Rapido	Inset	—	300
H105C1R6DD6	Titanium	Knock-In	—	1/2"	300
H105C1R6AD9	Nickel	Knock-In	Full Overlay	—	300
H105C1R6AD6	Titanium	Knock-In	Full Overlay	—	300
H105C1R6PD9	Nickel	Knock-In	Inset	—	300
H105C1R6PD6	Titanium	Knock-In	Inset	—	300
H105C1R6DD9	Nickel	Knock-In	Dual Application / Half Overlay	—	300
H105C1J6DD9	Nickel	Logica	—	1/2"	300
H105C1J6AD9	Nickel	Logica	Full Overlay	—	300
H105C1J6PD9	Nickel	Logica	Inset	—	300
H105C1J6GD9	Nickel	Logica	Dual Application / Half Overlay	—	300
H105C1R6GD9	Nickel	Logica	Dual Application / Half Overlay	—	300



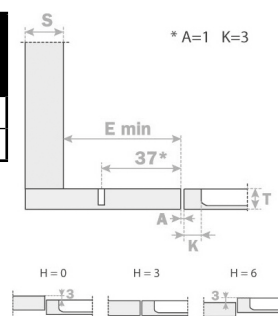
- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
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Series 100 - Silentia 45° Specialty Hinge (12 mm Cup Depth)

PRODUCT	FINISH	FIXING TYPE	DOOR POSITION	CLOSING MECHANISM	HINGE OPENING ANGLE	QTY/ BOX
H045C1R6MD9AC	Nickel	Knock-in	Soft-Close	Soft-Close	45°	300
H045C1R6MDAC	Titanium	Knock-in	Soft-Close	Soft-Close	45°	300

Series 100 Blind Corner Concealed Hinges for min. 15 mm Thick Doors Long Arm

PRODUCT	FINISH	FIXING TYPE	CLOSING MECHANISM	HINGE OPENING ANGLE	QTY/ BOX
H090C1R6ND6AC	Titanium	Knock-In	Soft-Close	105°	150
H090C1R6ND9AC	Nickel	Knock-In	Soft-Close	105°	150



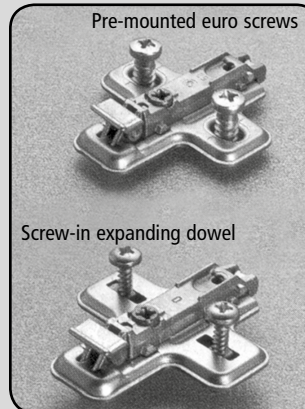
Series 200 «Domi» Automatic Mounting Plate

- Height adjustment with elongated holes
- Cam depth adjustment
- 0-3 mm stamped steel 6 mm - 18 mm die cast

Sold by unit

PRODUCT	PRE-MOUNTED EURO SCREWS	SCREW-ON	SCREW-IN EXPANDING DOWEL	THICKNESS	QTY/BOX
H00BAV3L09F	—	◆	—	0 mm*	300
H00BAV3L39F	—	◆	—	3 mm*	300
H00BAV3E69F	—	◆	—	6 mm	300
H00BAV3EC9	—	◆	—	12 mm	300
H00BAV3EV9F	—	◆	—	18 mm	300
H00BAVGL09F16	◆	—	—	0 mm*	300
H00BAVGL39F16	◆	—	—	3 mm*	300
H00BAVGL69F16	◆	—	—	6 mm	300
H00BAVGE99F	◆	—	—	9 mm	300
H00BAVGEC9F16	◆	—	—	12 mm	300
H00BAVGEV916	◆	—	—	18 mm	300
H00BAV4L09F16	—	—	◆	0 mm*	300
H00BAV4L39F16	—	—	◆	3 mm*	300

* Stamped steel



Series 200 Slide-On Plates with Cam Height Adjustment

Sold by unit

PRODUCT	FIXING TYPE	THICKNESS	QTY/BOX
H00B2RGE0917	Euro Screw	0 mm	300
H00B2RGE3917	Euro Screw	3 mm	300
H00B2R3E0915	Slide-On	0 mm	300
H00B2R3E3915	Screw-On	3 mm	300
H00B2R3E6915	Screw-On	6 mm	300
H00B2R3E9915	Screw-On	9 mm	300
H00B2VGH0917	Screw-On	0 mm	600
H00B2V3H0915	Screw-On	0 mm	600
H00B2VGH3917	Screw-On	0 mm	600
H00B2V3H3915	Screw-On	3 mm	600
H00B2V3H6915	Screw-On	6 mm	600
H00B2V3H9915	Screw-On	9 mm	600

Die-Cast Mounting Plates for Special Assemblies

- An almost infinite variety of angled door applications is possible using angle mounting plates in conjunction with one of Salice's range of angled-arm hinges
- All available in screw-in version only

Sold by unit

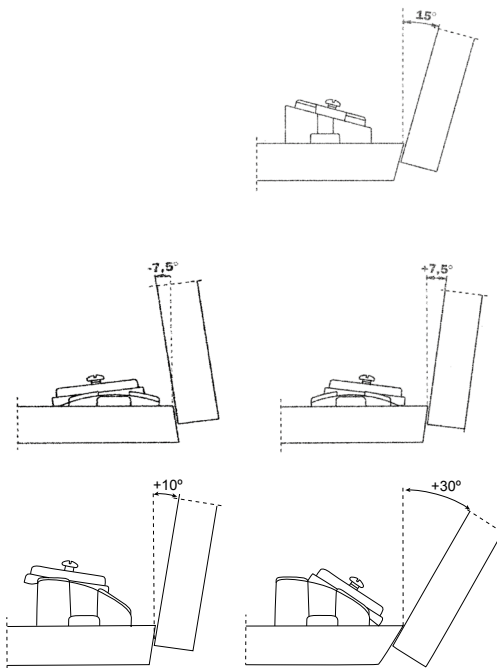
PRODUCT	ANGLE	QTY/BOX
H00B2V3BW9	15°	50

Angled mounting plate for assembly at 15°

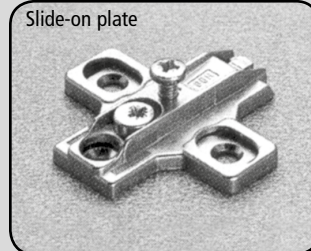
Sold by unit

PRODUCT	ANGLE	QTY/BOX
H00B2V3BW9R	-7,5° to +7,5°	50
H00B2V3BW9S	10° to 30°	50

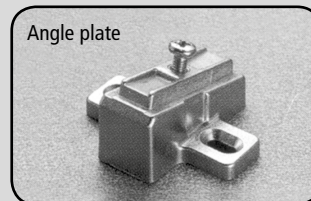
Variable mounting plates for angled
Assembly from -7.5 to +7.5 (and intermediate degrees)



Slide-on plate



Angle plate



Variable plate



Series 200 Face-Frame Plates

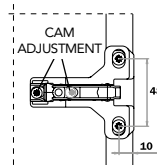
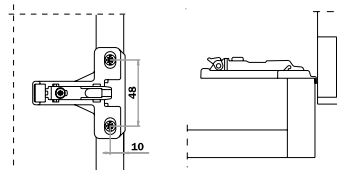
Sold by unit

PRODUCT	FIXING TYPE	THICKNESS	QTY/BOX
H00BAU3L19	Screw-On	1 mm	300
H00BAU3L49	Screw-On	4 mm	300

- Double cam - Depth and vertical adjustment

Sold by unit

PRODUCT	FIXING TYPE	THICKNESS	QTY/BOX
H00BAU3R19	Screw-On	1 mm	300
H00BAU3R49	Screw-On	4 mm	300
H00BAL3R59	Screw-On	5 mm	300



Series 200 «Domi» Plate with AAR Feature

- Cam height adjustment
- Cam depth adjustment
- Eliminates the need for manual positioning

Sold by unit

PRODUCT	PRE-MOUNTED EURO SCREWS	SCREW-ON	THICKNESS	QTY/BOX
H00BAR3R09	–	◆	0 mm	300
H00BAR3R29	–	◆	2 mm	300
H00BAR3R39	–	◆	3 mm	300
H00BAR3R69	–	◆	6 mm	300
H00BAR3R99	–	◆	9 mm	300
H00BAR3RC9	–	◆	12 mm	300
H00BAR3RM9	–	◆	30 mm	300
H00BAR3RU9	–	◆	27 mm	300
H00BAR3RV9	–	◆	18 mm	300
H00BAR3RY9	–	◆	24 mm	300
H00BAR3RZ9	–	◆	21 mm	300
H00BARGR0916	◆	–	0 mm	300
H00BARGR2916	◆	–	2 mm	300
H00BARGR3916	◆	–	3 mm	300
H00BAR4R2916*	–	◆	2 mm	300
H00BAR4R3916*	–	◆	3 mm	300
H00BARGL3916	◆	–	3 mm	300
H00BAR3L09**	◆	–	0 mm	300
H00BARGRC916	◆	–	12 mm	300

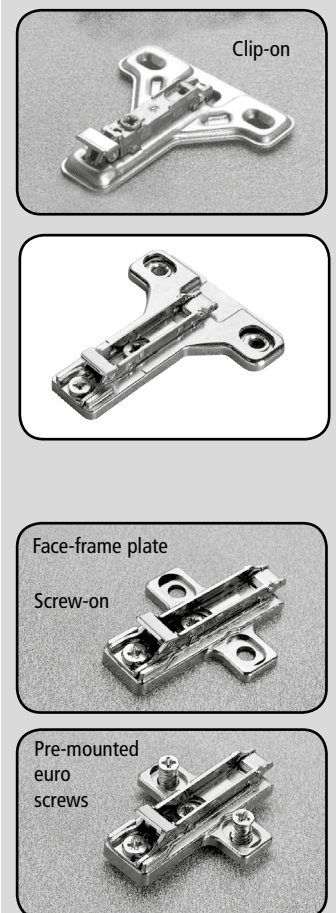
** Steel

* Expando Dowels

BASEPLATE SELECTION: BASED ON USING FULL OVERLAY HINGES

0mm	2mm	3mm	6mm	9mm
Side panel 3/4" Full overlay	Side panel 3/4" 11/16" overlay	Side panel 5/8" Full overlay	1/2" overlay Partial overlay	Side panel 3/4" Half overlay

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Crampon Concealed Plate

PRODUCT	FIXING TYPE	QTY/BOX
H00B2S3B99B6	Screw-on	1

Required Product(s):

H090C2R7N99 – Serie 200 Crampon Concealed Hinges

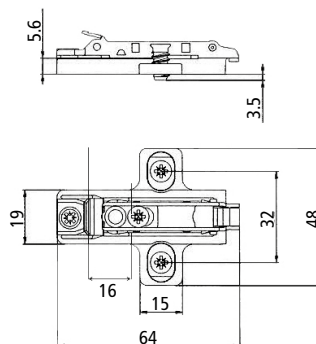
Die-Cast Mounting Plates

Sold by unit

PRODUCT	PRE-MOUNTED EURO SCREWS	SCREW-ON	THICKNESS	QTY/BOX
H00BARG6916	◆	–	6 mm	300
H00BARGR9916	◆	–	9 mm	300

Titanium Mounting Plate

PRODUCT	FIXING TYPE	HEIGHT	QTY/BOX
H00BARGR2616	Pre-Mounted Euro Screws	2 mm	1



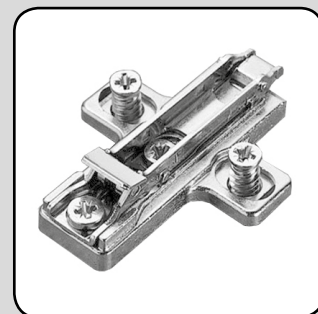
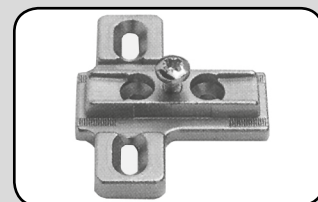
Die-cast Mounting Plates

PRODUCT	FIXING TYPE	HEIGHT	QTY/BOX
H00BARGR3920	Pre-Mounted Euro Screws	3 mm	1
H00BARG6916	Pre-Mounted Euro Screws	6 mm	1

Reduction Clip for 94° Hinges

Stop device for all hinges with 94° opening and 35 mm cup only. It limits the opening to 86°.

PRODUCT	QTY/BOX
H00S2A637XF	1



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Silentia Face Frame Hinges

Integrated soft-close face frame hinges with activation switch.

Sold by unit

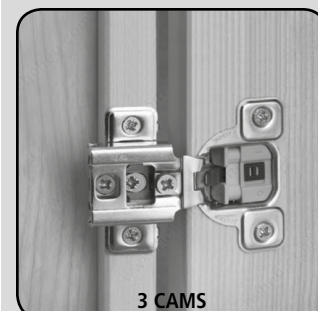
106° 3 CAMS			
PRODUCT	FIXING TYPE	DESCRIPTION	QTY/BOX
H106CUR37D9R	Dowels	1/2"	300
H106CUR36D9R	Dowels	9/16"	300
H106CUR35D9R	Dowels	5/8"	300
H106CUR34D9R	Dowels	3/4"	300
H106CUR32D9R	Dowels	1"	300
H106CUR3AD9R	Dowels	1-1/4"	300
H106CUR3BD9R	Dowels	1-5/16"	300
H106CUR3CD9R	Dowels	1-3/8"	300
H106CUP37D9R	Screw-On	1/2"	300
H106CUP36D9R	Screw-On	9/16"	300
H106CUP35D9R	Screw-On	5/8"	300
H106CUP34D9R	Screw-On	3/4"	300
H106CUP32D9R	Screw-On	1"	300
H106CUP3AD9R	Screw-On	1-1/4"	300
H106CUP3BD9R	Screw-On	1-5/16"	300
H106CUP3CD9R	Screw-On	1-3/8"	300

Sold by unit

106° 2 CAMS			
PRODUCT	FIXING TYPE	OVERLAY	QTY/BOX
H106CUR37D9	Dowels	1/2"	300
H106CUR36D9	Dowels	9/16"	300
H106CUR35D9	Dowels	5/8"	300
H106CUR34D9	Dowels	3/4"	300
H106CUR32D9	Dowels	1"	300
H106CUR3AD9	Dowels	1-1/4"	300
H106CUR3BD9	Dowels	1-5/16"	300
H106CUR3CD9	Dowels	1-3/8"	300
H106CUP37D9	Screw-On	1/2"	300
H106CUP36D9	Screw-On	9/16"	300
H106CUP35D9	Screw-On	5/8"	300
H106CUP34D9	Screw-On	3/4"	300
H106CUP32D9	Screw-On	1"	300
H106CUP3AD9	Screw-On	1-1/4"	300
H106CUP3BD9	Screw-On	1-5/16"	300
H106CUP3CD9	Screw-On	1-3/8"	300

Sold by unit

86° REDUCTION CLIP FOR SILENTIA FACE FRAME HINGES		
PRODUCT	DESCRIPTION	QTY/BOX
SUP337XG	Reduction CLIP for CU hinges, reduces down to 86°	300



3 CAMS



2 CAMS



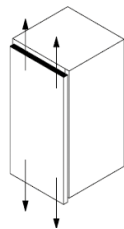
Series S «EXCENTHREE» Face Frame Hinges - 106° Opening - 3 Cams

- Eccentric cam depth and side adjustment

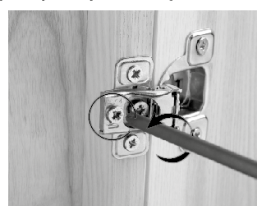
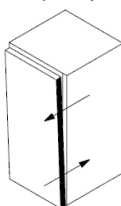
Sold by unit

PRODUCT	DOWELS	SCREW-ON	OVERLAY	QTY/BOX
H106CSP3799XR	—	◆	1/2"	300
H106CSP3599XR	—	◆	5/8"	300
H106CSP3499XR	—	◆	3/4"	300
H106CSP3A99NR	—	◆	1-1/4"	300
H106CSR3D99NR	◆	—	1-7/16"	300
H106CSR3799XR	◆	—	1/2"	300
H106CSR3499XR	◆	—	3/4"	300

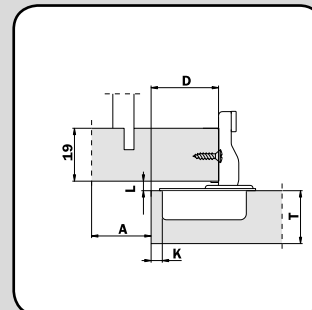
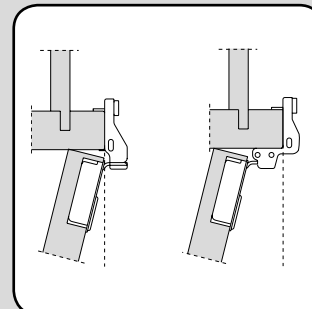
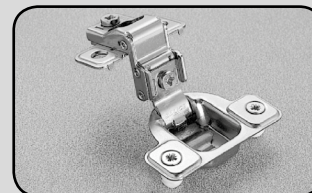
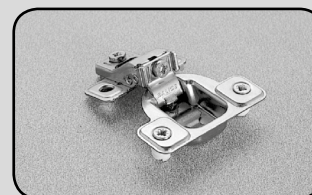
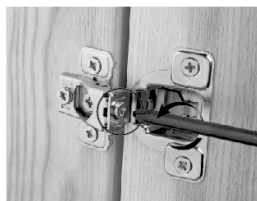
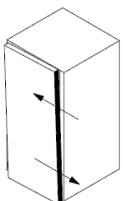
Height adjustment $\pm 1/16"$ (± 1.5 mm)



Depth adjustment by eccentric cam
- 1/64" (-0.5 mm) + 7/64" (+ 2.5 mm)



Side adjustment by eccentric cam $\pm 1/16"$ (± 1.5 mm)



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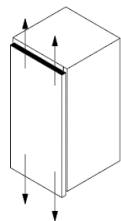
Series S «EXCENTRA» Face Frame Hinges - 106° Opening - 2 Cams

- Eccentric cam depth and side adjustment

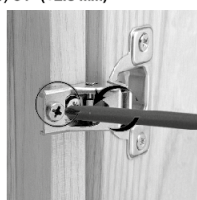
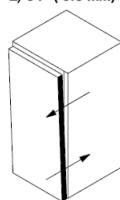
Sold by unit

PRODUCT	DOWELS	SCREW-ON	OVERLAY	QTY/BOX
H110CSP3999	—	◆	3/8"	300
H110CSP3799	—	◆	1/2"	300
H110CSP3599	—	◆	5/8"	300
H110CSP3499	—	◆	3/4"	300
H110CSP3199	—	◆	1"	300
H110CSR3Y99	◆	—	1/4"	300
H110CSR3999	◆	—	3/8"	300
H110CSR3899	◆	—	7/16"	300
H110CSR3799	◆	—	1/2"	300
H110CSR3599	◆	—	5/8"	300
H110CSR3499	◆	—	3/4"	300
H110CSR3299	◆	—	1"	300
H110CSR3199	◆	—	1-1/8"	300
H110CSR3C99	◆	—	1-3/8"	300
H110CSR3D99	◆	—	1-7/16"	300
H106CSR3Z99	◆	—	5/16"	300
H106CSR3A99N	◆	—	1-1/4"	300

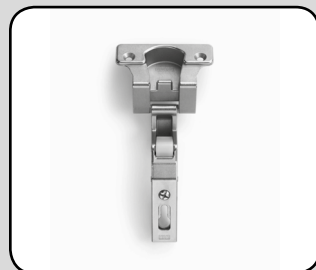
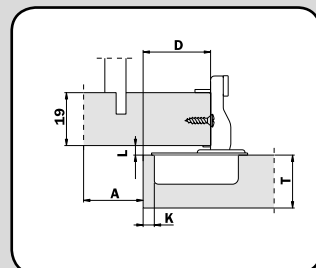
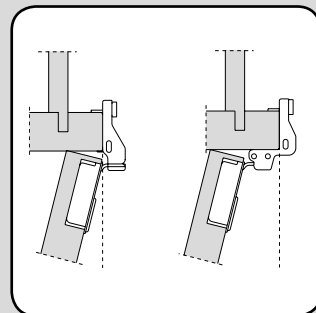
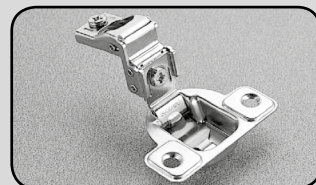
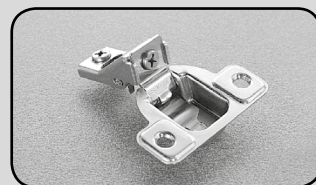
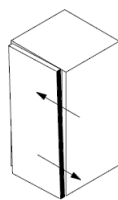
Height adjustment $\pm 1/16"$ (± 1.5 mm)



Depth adjustment by eccentric cam
- 1/64" (-0.5 mm) + 7/64" (+2.5 mm)



Side adjustment by eccentric cam $\pm 1/16"$ (± 1.5 mm)



Institutional Hinges - 270°

Bright nickel plated die-cast cup and arm. Sprung hinge (with spring). Ideal for the most critical applications, where high stability, strength and endurance are required. They are certified for applications in public environments in conformity with FIRA Level 5 and ANSI Grade 1 requirements.

- Compensating side adjustment from -3 mm to +3 mm
- With mounting plate H=0 the negative side adjustment cannot be used
- Height adjustment ± 2 mm
- Depth adjustment with Series 200 mounting plates ± 2.8 mm
- Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm
- Anti-sliding safety stop
- Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates
- Snap-on assembly on Domi mounting plates
- Positioning with pre-determined stop on traditional Series 200 mounting plates

Sold by unit

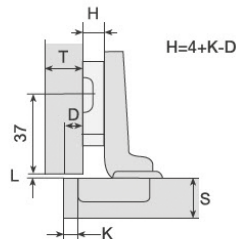
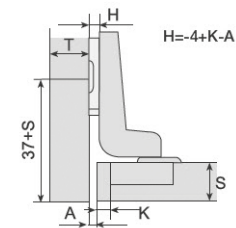
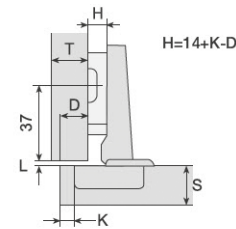
PRODUCT	DOOR OPENING	FIXATION TYPE	OVERLAY TYPE	QTY/BOX
H270CMP3A99	Self-Close	Screw-On	Full Overlay	100
H270CMR3A99	Self-Close	Screw-In	Full Overlay	100

RCS Concealed 105° Hinges

• Drilling Diameter: 35 mm

HINGES 105° WITH SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS34100048	8 mm Dowels	Full Overlay	200
RCS34100948	8 mm Dowels	Half Overlay	200
RCS34101748	8 mm Dowels	Inset	200
RCS34100040	Screw-On	Full Overlay	200
RCS34100940	Screw-On	Half Overlay	200
RCS34101740	Screw-On	Inset	200
RCS35100057	Expanding 8 mm Dowels	Full Overlay	200
RCS35100957	Expanding 8 mm Dowels	Half Overlay	200

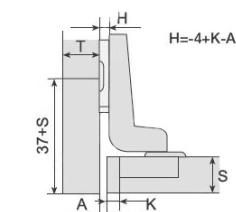
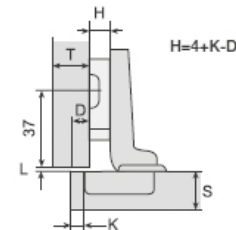
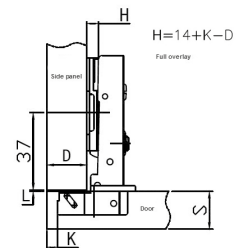


RCS Concealed 105° Hinges

• Drilling Diameter: 35 mm

HINGES 105° WITHOUT SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS34100058	8 mm Dowels	Full Overlay	200
RCS34100958	8 mm Dowels	Half Overlay	200
RCS34101758	8 mm Dowels	Inset	200
RCS34100050	Screw-On	Full Overlay	200
RCS34100950	Screw-On	Half Overlay	200
RCS34101750	Screw-On	Inset	200



HINGES 105° WITH SOFT-CLOSE
FULL OVERLAY – 8 MM DOWELS



HINGES 105° WITH SOFT-CLOSE
INSET – SCREW-ON



HINGES 105° WITH SOFT-CLOSE
FULL OVERLAY
EXPANDING 8 MM DOWELS



HINGES 105°
WITHOUT SOFT-CLOSE
FULL OVERLAY – 8 MM DOWELS



HINGES 105°
WITHOUT SOFT-CLOSE
HALF OVERLAY – 8 MM DOWELS



HINGES 105° WITH
AND WITHOUT SOFT-CLOSE

CCRMUS 2017

RCS Concealed 165° Hinges

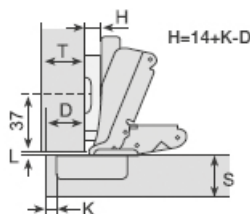
• Drilling Diameter: 35 mm

HINGES 165° WITH SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS35650048	8 mm Dowels	Full Overlay	100
RCS35650040	Screw-On	Full Overlay	100

HINGE 165° WITHOUT SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS35650058	8 mm Dowels	Full Overlay	100



HINGE 165° WITH AND WITHOUT
SOFT-CLOSE – FULL OVERLAY

RCS Hinges 45° Angle

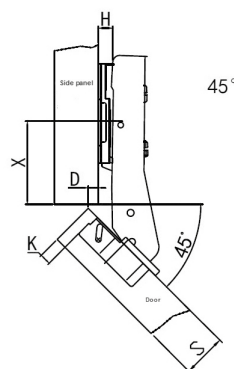
• Drilling Diameter: 35 mm

HINGES 45° ANGLE WITH SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS35450048	8 mm Dowels	45° Angle	100
RCS35450040	Screw-On	45° Angle	100

HINGE 45° ANGLE WITHOUT SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS35450058	8 mm Dowels	45° Angle	100



HINGE 45° WITH AND WITHOUT
SOFT-CLOSE – 45° ANGLE

Blind Corner Hinges

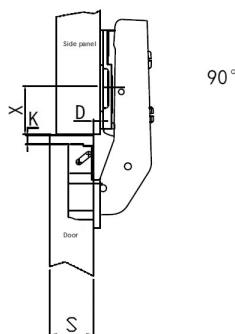
• Drilling Diameter: 35 mm

BLIND CORNER HINGES WITH SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS35900048	8 mm Dowels	Blind Corner	100
RCS35900040	Screw-On	Blind Corner	100

BLIND CORNER HINGE WITHOUT SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS35900058	8 mm Dowels	Blind Corner	100
RCS35900050	Screw-On	Blind Corner	100



BLIND CORNER HINGE
WITH AND WITHOUT SOFT-CLOSE

I Hinges | RCS Hinges



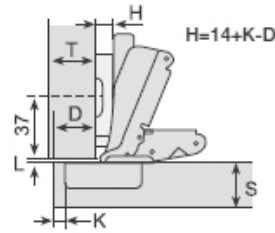
Richelieu Section 3F

RCS Thick Door Hinge 95°

• Drilling Diameter: 40 mm

THICK DOOR HINGE 95° WITH SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS40950040	Screw-On	Full Overlay	200

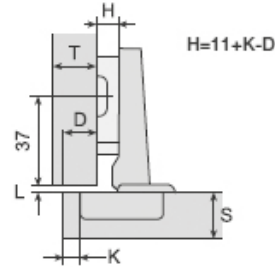


RCS Concealed 95° Hinges

• Drilling Diameter: 26 mm

HINGES 95° WITH SOFT-CLOSE

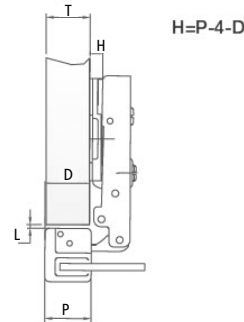
PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS26950080	Screw-On	Full Overlay	200
RCS26950980	Screw-On	Half Overlay	200
RCS26951780	Screw-On	Inset	200



RCS 105° Hinge

HINGES FOR ALUMINUM FRAME WITH SOFT-CLOSE

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCS27100040	Screw-On	Full Overlay	200



Metal Covers

METAL HINGE CUP COVER FOR RCS HINGES

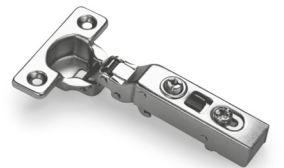
PRODUCT	QTY/BOX
RCS2696180	200

METAL HINGE ARM COVER FOR RCS HINGES

PRODUCT	QTY/BOX
RCS2695180	200



THICK DOOR
HINGE 95° WITH SOFT-CLOSE



HINGES 95° WITH SOFT-CLOSE



HINGE FOR ALUMINUM
FRAME WITH SOFT-CLOSE



METAL HINGE CUP
FOR RCS HINGES



METAL HINGE ARM
FOR RCS HINGES

1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
CORBELS
AND FLOOR
REGISTERS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND SHOP
SUPPLIES

20
COMMERCIAL
DISPLAY
HARDWARE

21
MOLDING,
RAILING AND
BATHROOM
HARDWARE

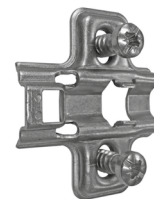
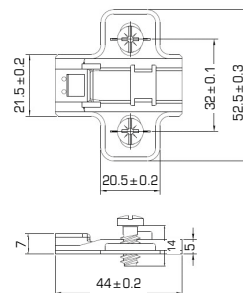
CCRMUS 2017

Page 3F3

Mounting Plates for RCS Hinges

PLATES WITH EURO SCREWS

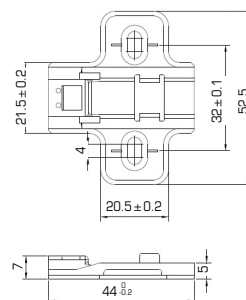
PRODUCT	HEIGHT	QTY/BOX
RCS00200	0" (0 mm)	400
RCS00220	3/32" (2 mm)	400
RCS00240	5/32" (4 mm)	400



PLATES WITH EURO SCREWS

SCREW-IN PLATES

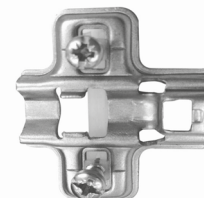
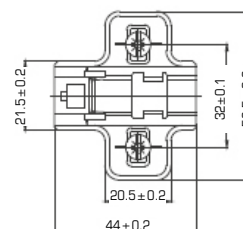
PRODUCT	HEIGHT	QTY/BOX
RCS00100	0" (0 mm)	400
RCS00120	3/32" (2 mm)	400
RCS00140	5/32" (4 mm)	400



SCREW-IN PLATES

PLATES WITH EXPANDO DOWELS 5 X 9.8 MM

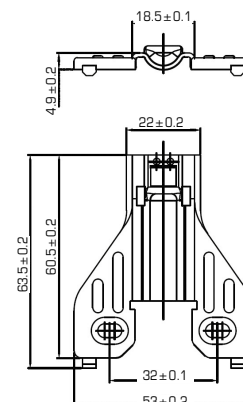
PRODUCT	HEIGHT	QTY/BOX
RCS00700	0" (0 mm)	400
RCS00702	3/32" (2 mm)	400
RCS00704	5/32" (4 mm)	400



PLATES WITH EXPANDO
DOWELS 5 X 9.8 MM

FACE FRAME PLATES

PRODUCT	HEIGHT	QTY/BOX
RCS00800	0" (0 mm)	400

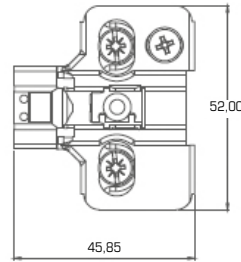


FACE FRAME PLATES

Mounting Plates for RCS Hinges

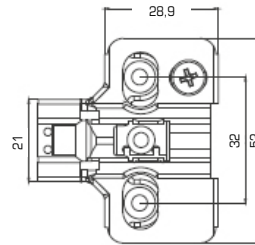
PLATES WITH EURO SCREWS WITH CAM ADJUSTMENT

PRODUCT	HEIGHT	QTY/BOX
RCS00602	0" (0 mm)	400
RCS00622	3/32" (2 mm)	400
RCS00642	5/32" (4 mm)	400



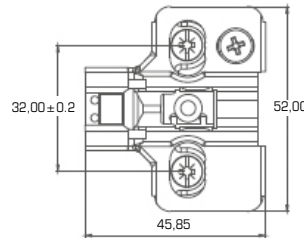
SCREW-IN PLATES WITH CAM ADJUSTMENT

PRODUCT	HEIGHT	QTY/BOX
RCS00502	0" (0 mm)	400
RCS00520	3/32" (2 mm)	400
RCS00540	5/32" (4 mm)	400



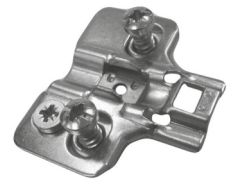
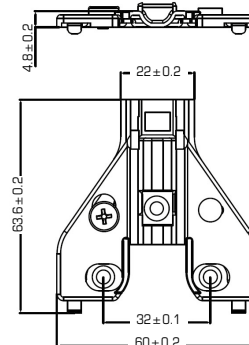
PLATES WITH EXPANDO DOWELS WITH CAM ADJUSTMENT

PRODUCT	HEIGHT	QTY/BOX
RCS00707	0" (0 mm)	400
RCS00727	3/32" (2 mm)	400
RCS00747	5/32" (4 mm)	400



FACE FRAME PLATES WITH CAM ADJUSTMENT

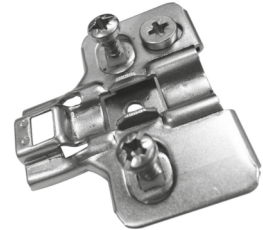
PRODUCT	HEIGHT	QTY/BOX
RCS00902	0" (0 mm)	400
RCS00960	1/4" (6 mm)	400



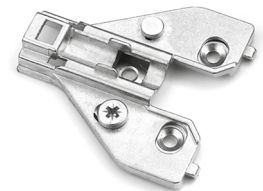
PLATES WITH EURO SCREWS
WITH CAM ADJUSTMENT



SCREW-IN PLATES WITH
CAM ADJUSTMENT



PLATES WITH EXPANDO DOWELS
WITH CAM ADJUSTMENT



FACE FRAME PLATES WITH
CAM ADJUSTMENT

1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

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SLIDES

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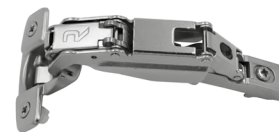
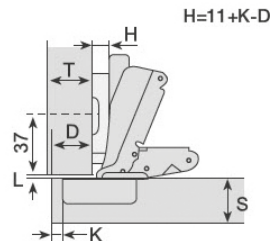
RCL Concealed "Clip-On" Hinges

• Drilling Diameter: 35 mm

Sold by unit

HINGES 165°

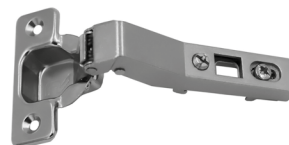
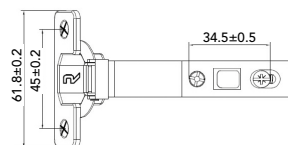
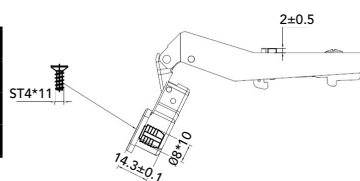
PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCL35650058	8 mm Dowels	Full Overlay	100
RCL35650958	8 mm Dowels	Half Overlay	100
RCL35651758	8 mm Dowels	Inset	100
RCL35650050	Screw-On	Full Overlay	100
RCL35650950	Screw-On	Half Overlay	100
RCL35651750	Screw-On	Inset	100



HINGES 165° FULL OVERLAY

HINGES 45°

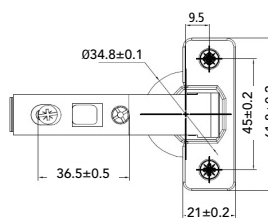
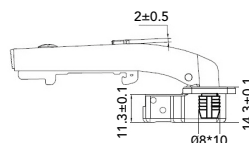
PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCL35450058	8 mm Dowels	45° Angle	100
RCL35450050	Screw-On	45° Angle	100



HINGES 45°

BLIND CORNER HINGES

PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCL35900058	8 mm Dowels	Blind Corner	100
RCL35900050	Screw-On	Blind Corner	100

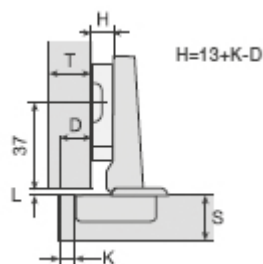


BLIND CORNER HINGE

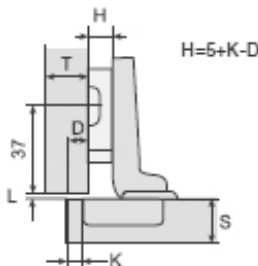
RCL Concealed "Clip-On" Hinges 105°

• Drilling Diameter: 35 mm

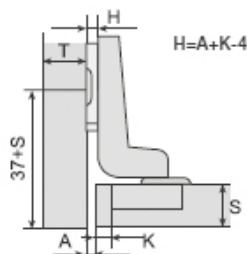
HINGES 105°			
PRODUCT	FIXING TYPE	DOOR POSITION	QTY/BOX
RCL35100058	8 mm Dowels	Full Overlay	250
RCL35100958	8 mm Dowels	Half Overlay	250
RCL35101758	8 mm Dowels	Inset	250
RCL35100050	Screw-On	Full Overlay	250
RCL35100950	Screw-On	Half Overlay	250
RCL35101750	Screw-On	Inset	250



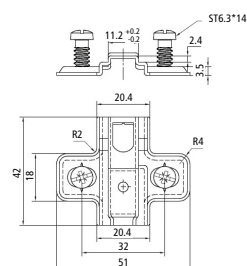
HINGES 105° FULL OVERLAY



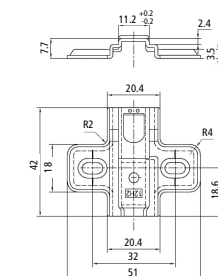
HINGES 105° HALF OVERLAY



HINGES 105° INSET



PLATES WITH EURO SCREWS



SCREW-IN PLATES

Mounting Plates for RCL Hinges

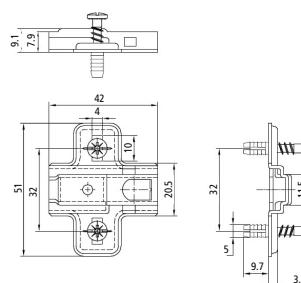
PLATES WITH EURO SCREWS		
PRODUCT	HEIGHT	QTY/BOX
RCL00202	0" (0 mm)	500
RCL00222	3/32" (2 mm)	500

SCREW-IN PLATES		
PRODUCT	HEIGHT	QTY/BOX
RCL00100	0" (0 mm)	500
RCL00120	3/32" (2 mm)	500

Mounting Plates for RCL Hinges

PLATES WITH EXPANDO DOWELS 5 X 9.8 MM

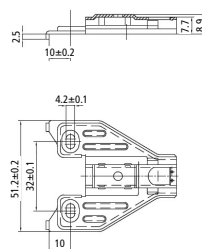
PRODUCT	HEIGHT	QTY/BOX
RCL00700	0" (0 mm)	500
RCL00702	3/32" (2 mm)	500



PLATES WITH EXPANDO
DOWELS 5 X 9.8 MM

FACE FRAME PLATE

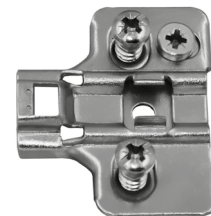
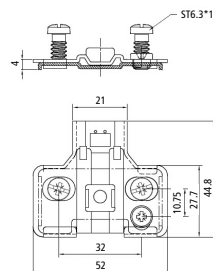
PRODUCT	HEIGHT	QTY/BOX
RCL00600	0" (0 mm)	500
RCL00650	7/32" (5 mm)	500



FACE FRAME PLATE

PLATES WITH EURO SCREWS WITH CAM ADJUSTMENT

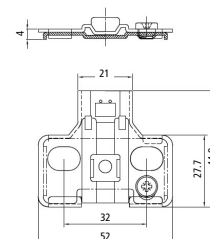
PRODUCT	HEIGHT	QTY/BOX
RCL00402	0" (0 mm)	500
RCL00422	3/32" (2 mm)	500



PLATES WITH EURO SCREWS
WITH CAM ADJUSTMENT

PLATES WITH CAM ADJUSTMENT

PRODUCT	HEIGHT	QTY/BOX
RCL00300	0" (0 mm)	500
RCL00320	3/32" (2 mm)	500

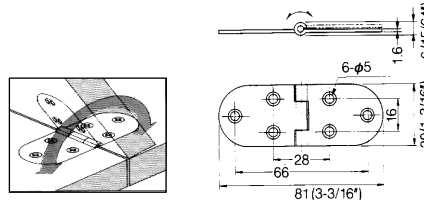


PLATES WITH CAM ADJUSTMENT

Tabletop Hinges

Important information:

- Panel Size: Maximum Width 450 mm × Height 700 mm × Thickness 21 mm (Width 17-3/4" × Height 27-9/16" × Thickness 53/64")
- Panel Weight: Maximum 4 kg/pair (8.8 lb/pair)



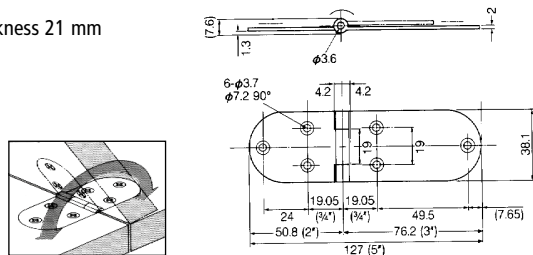
Sold by unit

PRODUCT	FINISH	MATERIAL	WIDTH	DEPTH	HEIGHT	QTY/BOX
75083170	Satin	Stainless Steel	81 mm	30 mm	6 mm	100

Tabletop Hinges

Important information:

- Panel Size: Maximum Width 450 mm × Height 700 mm × Thickness 21 mm (Width 17-3/4" × Height 27-9/16" × Thickness 53/64")
- Panel Weight: Maximum 4 kg/pair (8.8 lb/pair)

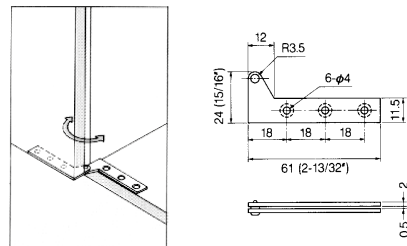


Sold by unit

PRODUCT	FINISH	MATERIAL	WIDTH	DEPTH	QTY/BOX
75127171	Mirror	Stainless Steel	127 mm	38 mm	20

Pivot Hinge for 7/8" Door

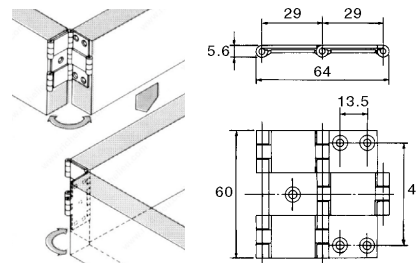
- Fixing Type: Screw-On



Sold by unit

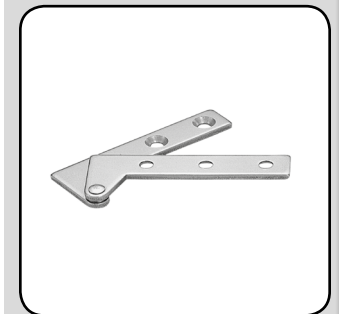
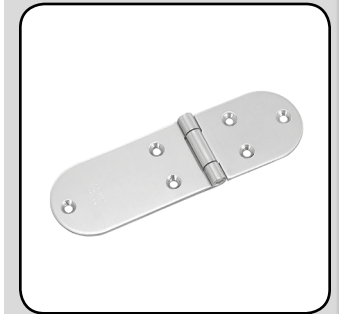
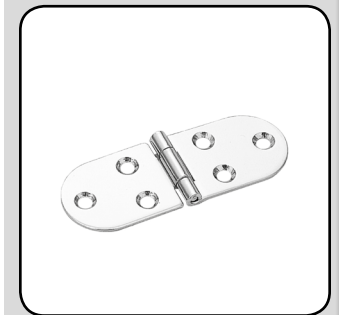
PRODUCT	FINISH	POSITION	LENGTH	WIDTH	QTY/BOX
7507802170	Stainless Steel	Hinge Right	61 mm	24 mm	100
7507803170	Stainless Steel	Hinge Left	61 mm	24 mm	100

Double Action Hinge



Sold by unit

PRODUCT	FINISH	MATERIAL	WIDTH	DEPTH	HEIGHT	QTY/BOX
75060170	Satin	Stainless Steel	64 mm	5.5 mm	60 mm	20



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
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- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 CORBELS AND FLOOR REGISTERS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND SHOP SUPPLIES
- 20 COMMERCIAL DISPLAY HARDWARE
- 21 MOLDING, RAILING AND BATHROOM HARDWARE

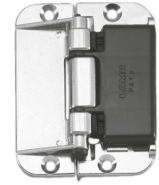
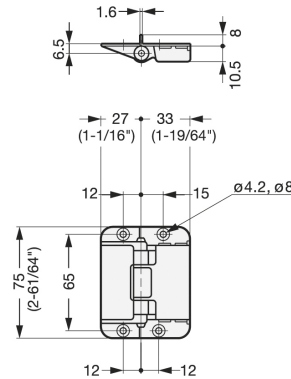
Center Hinge for Folding Doors

180° opening. Snaps in at open and closed position, ideal for folding doors.
Screws not included.

- Height: 2-15/16" (75 mm)

Sold by unit

PRODUCT	FINISH	CLOSING MECHANISM	FIXING TYPE	QTY/BOX
CH75NI	Nickel	Snap in	Screw-On	42
CH75GB	Bronze	Snap in	Screw-On	42



Heavy Duty Concealed Hinge

- Clip on type for easy installation
- 3-way adjustment with door installed
- Glass thickness: 8 to 10 mm
- Maximum door width: 31-1/2" (800 mm)/2 pieces
- Load capacity: 55 lb (25 kg) with 2 hinges, 77 lb (35 kg) with 3 hinges
- Requires 6 M5 or equivalent (US#10) screws, 2 pieces for each hinge and 4 pieces for each mounting plate
- Material: Steel
- Hinge opening angle: +93°

Sold by unit

PRODUCT	FINISH	OVERLAY	FIXING TYPE	QTY/BOX
7530900180	Nickel	25 mm	Screw-On	10

Required Product(s):

7538900180 – Mounting Plate, 758916140 – Decorative Cover Cap

Mounting Plate

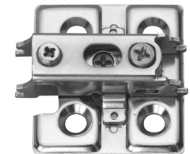
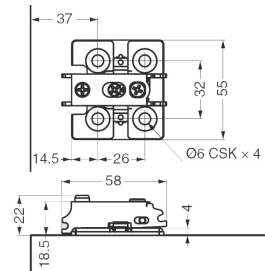
- Vertical adjustment: +/- 1/8" (+/- 3 mm)
- Overlay adjustment: +/- 5/32" (+ 0/-4 mm)
- Depth adjustment: + +/- 5/32" (1.5/-2.5 mm)

Sold by unit

PRODUCT	FINISH	FIXING TYPE	QTY/BOX
7538900180	Nickel	Screw-on	10

Required Product(s):

7530900180 – Heavy Duty Concealed Hinge

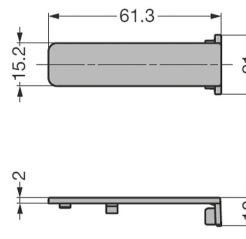


Safety Cover

- Material: ABS

Sold by unit

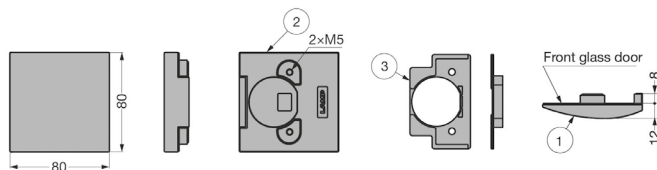
PRODUCT	FINISH	FIXING TYPE	QTY/BOX
7538900100	Gray	Screw-on	100



Decorative Cover Cap

• Material: Zinc Alloy Casting

PRODUCT	FINISH	HEIGHT	WIDTH	QTY/ BOX
7538916140	Chrome	3-5/32" (80 mm)	3-5/32" (80 mm)	1

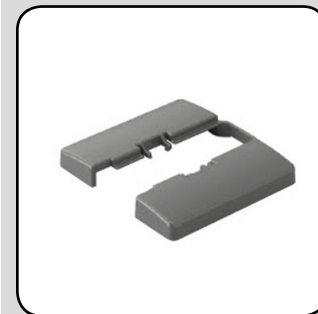
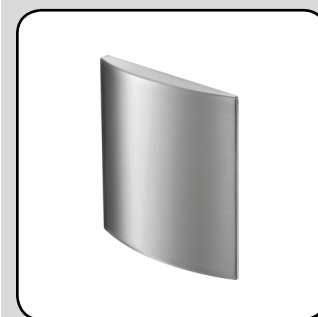
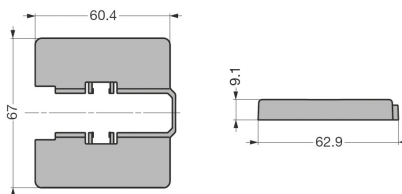


Mounting Plate Cover

• Material: ABS

Sold by unit

PRODUCT	FINISH	QTY/BOX
7538902100	Gray	100



NOTES

I Hinges | Traditional Hinges

Butt Hinge

- Screws included

PRODUCT	FINISH	QTY/BOX
2050M41*	Antique Copper	200 pairs
BP2050AE	Antique English	10 pairs
BP2050M41	Antique Copper	10 pairs
BP2050130	Brass	10 pairs
BP2050185	Satin Nickel	10 pairs
BP2050900	Matte Black	10 pairs

- * Available also in BP (by the pair, screws included)
- 8 x no 5. flat head screws
- * Screws not included

Butt Hinge

- Screws included

PRODUCT	FINISH	QTY/BOX
2064M41*	Antique Copper	100 pairs
BP2064AE	Antique English	10 pairs
BP2064M41	Antique Copper	10 pairs
BP2064130	Brass	10 pairs
BP2064900	Matte Black	10 pairs

- * Available also in BP (by the pair, screws included)
- 8 x no 5. flat head screws
- * Screws not included

Butt Hinges

Sold by unit

PRODUCT	FINISH	QTY/BOX
12038130	Brass	200/2000

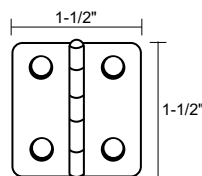
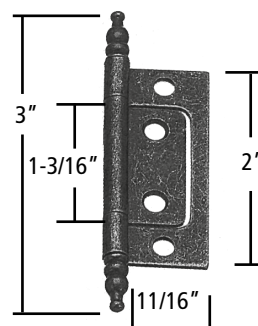
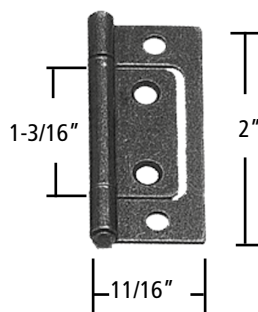
Recommended screws: 4 x no 5. flat head screws

Friction Butt Hinges

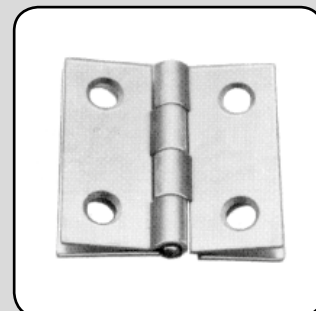
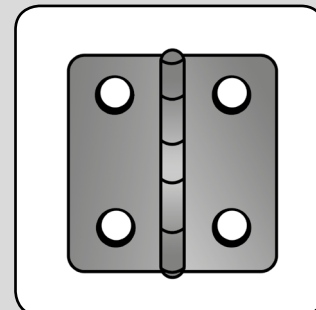
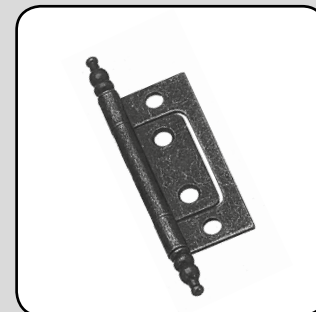
- Ideal for side mirrors

Sold by pair

PRODUCT	FINISH	SIZE	QTY/BOX
219130	Brass Plated	1-1/2"	500



Richelieu Section 3H



- 1
SCREWS
AND
FASTENERS
- 2
FURNITURE
EQUIPMENT
- 3
HINGES
- 4
SLIDES
- 5
CASTERS
AND LEGS
- 6
KITCHEN
SOLUTIONS
- 7
CLOSET
SOLUTIONS
- 8
LIGHTING
SOLUTIONS
- 9
SINKS
AND
FAUCETS
- 10
OFFICE
- 11
SLIDING
DOORS
- 12
GLASS
HARDWARE
- 13
PANELS
AND
SURFACES
- 14
EDGE-
BANDING
- 15
CABINET
DOORS
AND
DRAWERS
- 16
CORBELS
AND FLOOR
REGISTERS
- 17
GLUES,
SILICONES,
CAULK AND
INSULATING
- 18
TOOLS
AND
SECURITY
- 19
FINISHING
PRODUCTS
AND SHOP
SUPPLIES
- 20
COMMERCIAL
DISPLAY
HARDWARE
- 21
MOLDING,
RAILING AND
BATHROOM
HARDWARE

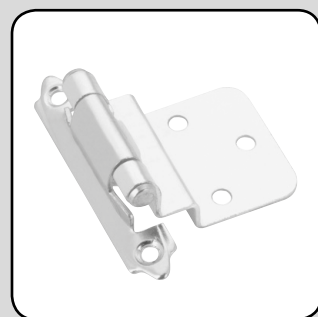
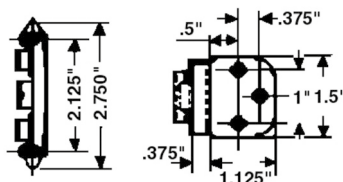
Self-Closing 3/8 Offset Hinge

- Screws included

Sold by pair

PRODUCT	FINISH	QTY/BOX
BP138MAE	Antique English	10 pairs
BP13826	Chrome	10 pairs
BP13830	White	10 pairs
BP13890	Black	10 pairs
BP138130	Brass	10 pairs
BP138195	Brushed Nickel	10 pairs
BP138M41	Copper	10 pairs

- 6 x no 5. flat head screws
- 4 x no 5. oval head screws
- For 3/8" rabbited door

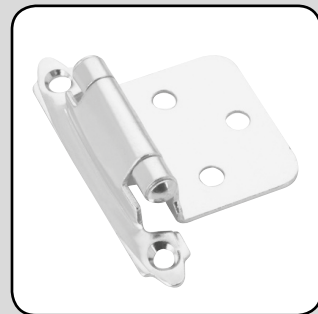
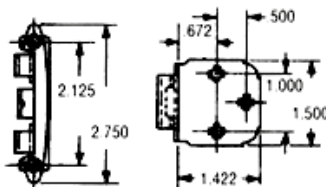


Self-Closing Hinge

- Screws included

PRODUCT	FINISH	QTY/BOX
134MAE•*	Antique English	100 pairs
BP134M41	Copper	10 pairs
BP13440	Almond	10 pairs
BP13490	Black	10 pairs
BP134175	Brushed Chrome	10 pairs
BP134242	Brushed Pewter	10 pairs
BP134907	Forged Iron	10 pairs

- * Available also in BP (by the pair, screws included)
- * Available also in AP (by 10 pairs, screws included)

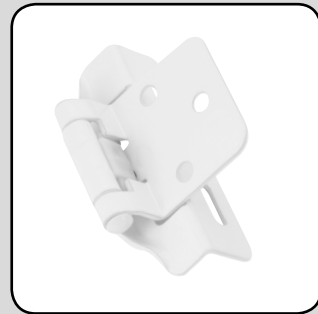


Self-Closing Hinge

- Screws included
- 6 x no 5. flat head screws
- 4 x no 5. oval head screws

Sold by pair

PRODUCT	FINISH	A	QTY/BOX
BP744830	White	13/64"	100 pairs

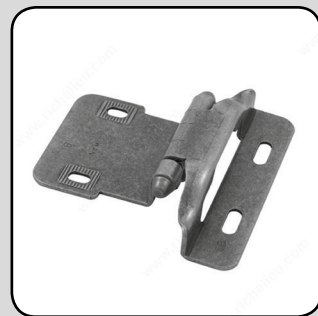
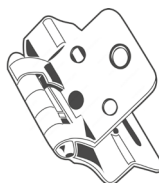


1/4" Self-Closing Hinge

- Screws included
- 6 x no 5. flat head screws
- 4 x no 5. oval head screws

Sold by pair

PRODUCT	FINISH	QTY/BOX
2051MAE	Antique Brass	150 pairs
BP2051MAE	Antique Brass	10 pairs



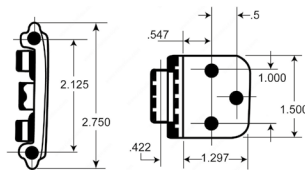
I Hinges | Traditional Hinges

Self Closing Hinge

- Screws included

Sold by pair

PRODUCT	FINISH	QTY/BOX
87629MAE	Antique Brass	500 pairs
BP87629MAE	Antique Brass	10 pairs

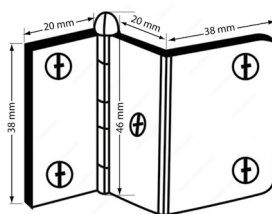


Hinge (for 3/4" Doors)

- Screws included
- 10 x no 5. flat head screws

Sold by pair

PRODUCT	FINISH	QTY/BOX
BP5988MAE	Antique Brass	100 pairs
BP5988140	Chrome	100 pairs

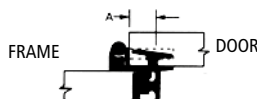
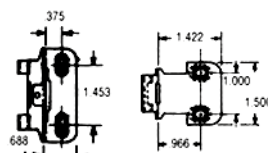


Self-Closing Hinge

- Screws included

Sold by pair

PRODUCT	FINISH	A	QTY/BOX
BP139130	Brass	1/2"	10 pairs
BP139M41	Antique Copper	1/2"	10 pairs
BP13990	Black	1/2"	10 pairs
BP139195	Nickel	1/2"	10 pairs

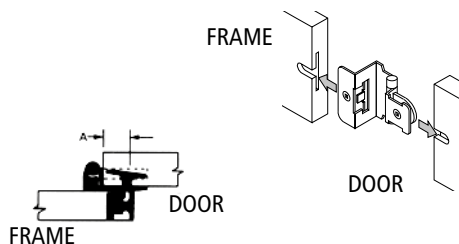


Self-Closing Hinge (1/2" Overlay)

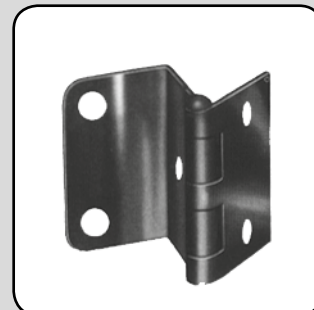
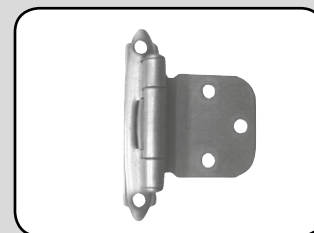
- Allows vertical and horizontal adjustment

Sold by pair

PRODUCT	FINISH	QTY/BOX
BP7704AE	Antique English	10 pairs
7704AE	Antique English	100 pairs



Richelieu Section 3H



- 1 SCREWS AND FASTENERS
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- 20 COMMERCIAL DISPLAY HARDWARE
- 21 MOLDING, RAILING AND BATHROOM HARDWARE

CCRMUS 2017

Traditional Hinges

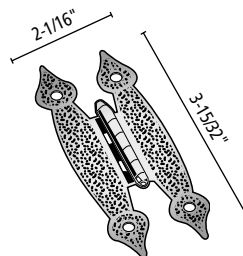
Richelieu Section 3H

Metal Country Hinge

- Center to center: 19/32"
- Screws included

Sold by pair

PRODUCT	FINISH	QTY/BOX
BP2053M41	Antique Copper	100 pairs
BP205390	Black	100 pairs

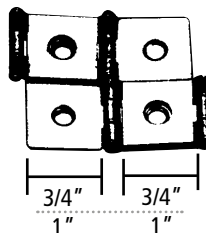


I Hinges | Specialty Hinges

Folding Screen Hinge

Sold by unit

PRODUCT	FINISH	DIMENSION	QTY/BOX
20861130	Brass	3/4"	100
20862130	Brass	1"	100

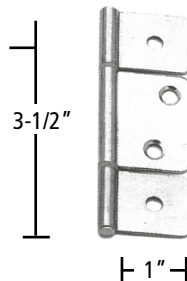


Three Leaf Hinge

- Ideal for partition screens and shutters
- Easy to install

Sold by unit

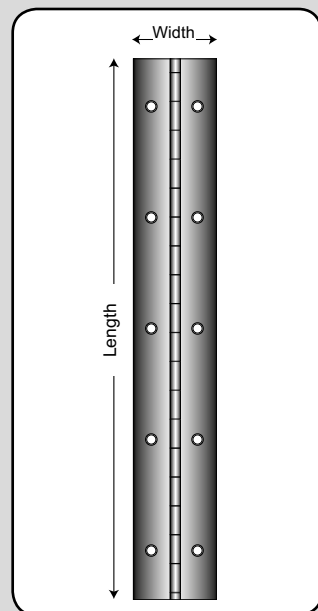
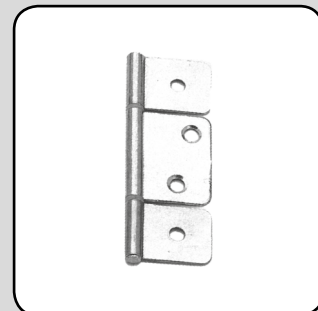
PRODUCT	FINISH	DIMENSION	QTY/BOX
2025130	Brass	3-1/2"	100



Steel Piano Hinge

PRODUCT	FINISH	WIDTH	LENGTH	THICKNESS	HOLES	SCREWS	QTY/BOX
281740130	Brass	1-1/8"	6-7/8"	.7 mm	Yes	#5	100
281740180	Nickel	1-1/8"	6-7/8"	.7 mm	Yes	#5	100
321740130	Brass	1-1/4"	6-7/8"	.7 mm	Yes	#5	100
321740180	Nickel	1-1/4"	6-7/8"	.7 mm	Yes	#5	100
3225130	Brass	1-1/4"	82' (25 m)	.7 mm	Yes	#5	6
3225180	Nickel	1-1/4"	82' (25 m)	.7 mm	Yes	#5	6
322714130	Brass	1-1/4"	27-1/4"	.7 mm	Yes	#5	50
322714180	Nickel	1-1/4"	27-1/4"	.7 mm	Yes	#5	50
322978130	Brass	1-1/4"	29-3/8"	.7 mm	Yes	#5	50
322978180	Nickel	1-1/4"	29-3/8"	.7 mm	Yes	#5	50
401740130	Brass	1-5/8"	6-7/8"	.8 mm	Yes	#5	100
401740180	Nickel	1-5/8"	6-7/8"	.8 mm	Yes	#5	100
4025130	Brass	1-5/8"	82' (25 m)	.8 mm	Yes	#5	5
4025180	Nickel	1-5/8"	82' (25 m)	.8 mm	Yes	#5	5
501740180	Nickel	2"	6-7/8"	1.25 mm	Yes	#6	50
3217212	Steel	1-1/4"	72"	.030"	No	-	50
321740180	Nickel	1-1/4"	72"	.040"	Yes	#5	100
321740130	Brass	1-1/4"	72"	.040"	Yes	#5	100
4017212	Steel	1-1/2"	72"	.030"	No	-	50
5017212	Steel	2"	72"	.040"	No	-	25
28NP	Nickel	2"	96"	.040"	Yes	#6	25
76072180	Nickel	3"	72"	.060"	Yes	#6	15
7617212	Steel	3"	72"	.060"	No	-	15
32072170	Stainless Steel	1-1/4"	72"	.037"	Yes	#6	50
40072170	Stainless Steel	1-1/2"	72"	.037"	Yes	#6	50
50072170	Stainless Steel	2"	72"	.037"	Yes	#6	25
76172170	Stainless Steel	3"	72"	.060"	No	-	20

Richelieu Section 31



EQUIVALENCIES

1-1/16"	=	28 mm
1-1/4"	=	32 mm
1-1/2"	=	40 mm
2"	=	50 mm

I Hinges I

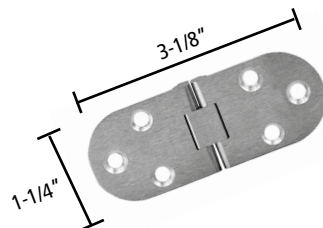
Specialty Hinges

Hinges

- Ideal for sewing machine

Sold by unit

PRODUCT	FINISH	QTY/BOX
1106130	Brass	24



Richelieu Section 3I

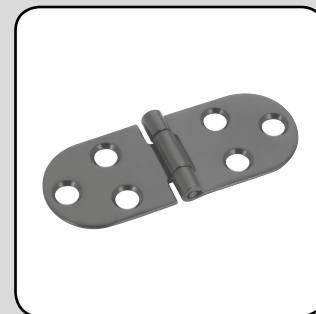
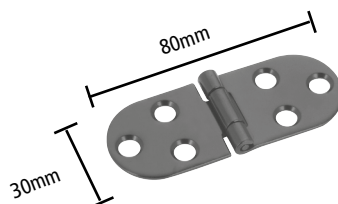


Hinges

- Ideal for sewing machine

Sold by unit

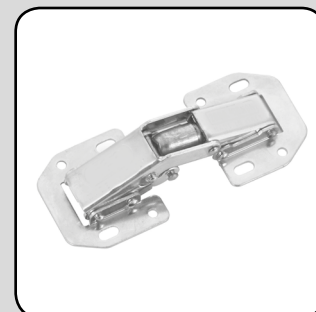
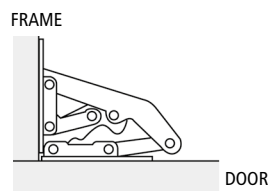
PRODUCT	FINISH	QTY/BOX
205990*	Black	100/600



Self-Closing Hinges

- For full overlay, half overlay and inset applications
- With 5/8 x 8 screws

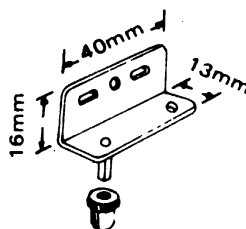
PRODUCT	FINISH	QTY/BOX
UC1062G	Zinc	25



Wooden Door Pivot Hinges

Sold by pair

PRODUCT	FINISH	QTY/BOX
2164140*	Chrome	1000
2164190	Black	100



* Available also in BP = By the pair, screws included

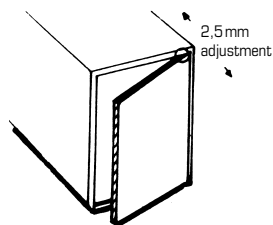
I Hinges | Specialty Hinges

Pivot System

Sold by kit

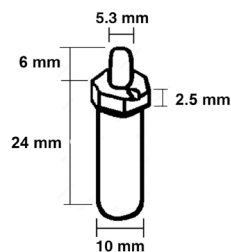
PRODUCT	FINISH	QTY/BOX
BP213760	Brown	10

Includes: 2137A60, 2137B60, 2137C60, 2137T12

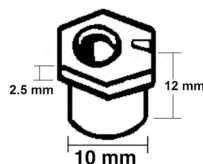


Receptacle and Pivot System

PRODUCT	FINISH	DESCRIPTION	QTY/BOX
2137A60	Brown	Plastic Pivot	1000



PRODUCT	FINISH	DESCRIPTION	QTY/BOX
2137B60	Brown	Plastic Receptacle	3000

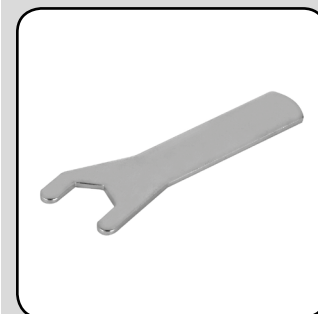
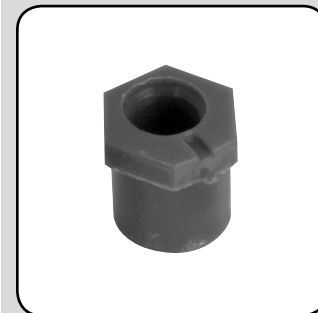


PRODUCT	FINISH	DESCRIPTION	QTY/BOX
2137C60	Brown	Plastic Pivot	5000



PRODUCT	FINISH	DESCRIPTION	QTY/BOX
2137T12	Metal	Metal Key for 2137(A-B-C) - 60 Pivot System	3000

Richelieu Section 31



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 CORBELS AND FLOOR REGISTERS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
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- 21 MOLDING, RAILING AND BATHROOM HARDWARE

CCRMUS 2017

Choosing the Right Hinge and the Right Number of Hinges

soSS *Invisible Hinge*

The nomograph below has been developed to assist you in determining the correct size and number of hinges for your installation.

If the information you need is not on the chart, consult the factory.

The general rule used to determine the number of hinges is:

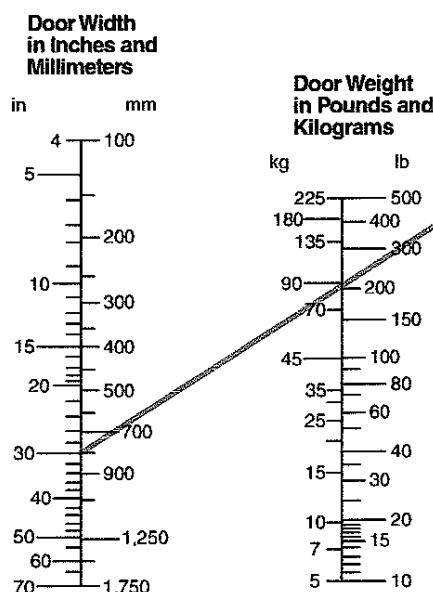
Every door should be provided with at least one hinge for every 30 inches in height or portion thereof; however, more hinges may be required per chart below.

For example, a 90" door needs three hinges and a 91" door needs four.

DIRECTIONS

After determining the weight and width of the door, draw a straight line through the door width and weight to line "A", as indicated in the example. Continue with a horizontal line sideways from the point of intersection with line "A" until the door thickness is reached. Use the number of hinges and the model number indicated on this line.

To use this chart as a working guide, we suggest that you photocopy this page.



NOTE: For Fire-Rated Hinges, use formulas described on page 38.

EXAMPLE

A wood door 30" wide, 200 lbs., with a thickness of 1 1/4" will require four #218 SOSS Invisible Hinges. The red line shows how the sizing and selection were determined from the nomograph.

The nomograph above has been developed to assist you in determining the correct size and number of hinges for your installation.

Hinge Number	114	314	205	106	100	101	303	103	203	204	208	212	216	218	220
Door Material	METAL					WOOD & METAL									
Minimum Door Thickness	9/16	5/8	1/2	11/16	3/4	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
	14.29mm	15.88mm	12.70mm	17.46mm	19.05mm	25.40mm	28.58mm	34.93mm	44.45mm	50.80mm					
Number of Hinges Required	Line A														
	4	4	3	3	4	3	3	3	3	3	2	2	2	2	2
Number of Hinges Required	Line A														
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Hinge Number	114	314	205	106	100	101	303	103	203	204	208	212	216	218	220

I Hinges | Specialty Hinges

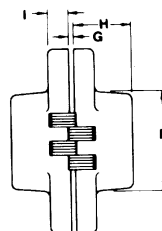
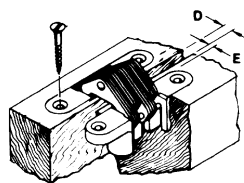
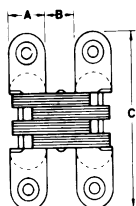
Richelieu Section 31

«Soss» Invisible Hinges

- SOSS invisibles are used extensively in custom furniture, custom casework, cabinetry and the display industry where a smooth, flush look is of paramount importance
- All SOSS Invisible Hinges open 180° or less
- Ideally suited for mirrored or appliqued doors and panels, pass doors, electronic cabinets, computer and communication room doors for security, pharmaceutical storage areas, courtrooms, churches and wall units
- Available in satin chrome or satin brass finishes

Sold by pair

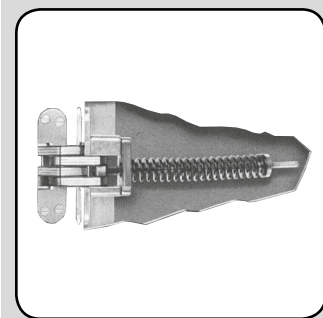
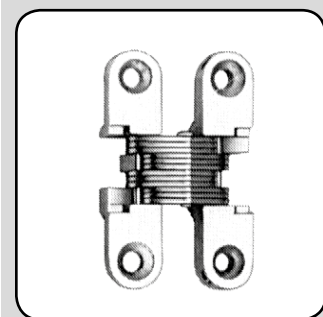
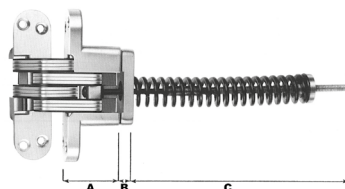
PRODUCT (BRASS)	PRODUCT (CHROME)	MODEL #	A	B	C	D	E	F	G	H	I	MIN. DOOR THICK.	SCREW SIZE	QTY/ BOX
420100160	420100145	100	3/8"	9/32"	1"	3/32"	3/32"	3/8"	1/32"	15/32"	15/64"	1/2"	#5 x 3/4"	10 pairs
420101160	420101145	101	3/8"	19/64"	1-11/16"	7/64"	3/32"	7/8"	1/32"	29/64"	7/32"	1/2"	#5 x 3/4"	10 pairs
420103160	420103145	103	1/2"	3/8"	1-1/2"	1/8"	1/8"	11/16"	1/32"	19/32"	7/32"	3/4"	#6 x 1"	10 pairs
420203160	420203145	203	1/2"	23/64"	1-3/4"	7/64"	1/8"	3/4"	1/32"	23/32"	3/16"	3/4"	#6 x 1"	10 pairs
420204160	420204145	204	1/2"	23/64"	2-3/8"	7/64"	1/8"	1-1/4"	1/32"	23/32"	1/4"	3/4"	#7 x 1-1/4"	10 pairs
420303160	420303145	303	1/2"	3/8"	1-1/2"	1/8"	1/8"	19/32"	1/32"	5/8"	.054"	11/16"	#5 x 3/4"	10 pairs



«Soss» Invisible «Closer» Spring Hinges

- The SOSS Invisible Closer functions as an invisible spring hinge. This gives you a closer that is totally invisible from either side when the door is closed. When the door is open, you see only the hinge face and links
- The closure rate is completely adjustable with an allen wrench after installation, and does not require removal of the closer
- SOSS Invisible Closers are available in sizes 216, 218 and 220, in the following finishes: Satin Brass (US4); Satin Chrome (US26D)
- Allow one closer for each 75 pounds of door weight
- Placement of the spring assembly can be inside either the door itself or the door jamb
- In retrofit applications changing from a regular SOSS Invisible Hinge to a SOSS Invisible Closer, the mortise depth must be increased by 3/8", with a hole drilled to allow for insertion of the spring
- The SOSS Invisible Closer is ideally suited for all types of doors 1-3/8" thick or more. Recommended spacing is one-half of the distance from the center of the door to the center of the top hinge

PRODUCT (BRASS)	PRODUCT (CHROME)	MODEL #	A	B	C	QTY/BOX
421216160	421216145	216 iC	1-7/16"	3/8"	6-5/16"	1
421218160	421281145	218 iC	1-21/32"	3/8"	7"	1
421220160	421220145	220 iC	2"	3/8"	6-7/8"	1



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«Soss» Hinge Templates

- Router guide installation templates are available for sizes 101, 103, 203, 204, 208, 212, 216, 218, 220 and 418
- A perfect routed outline is foolproof when using the template (the only critical dimension is the depth of the shallow mortise), so you can expect a perfect installation every time
- Each router guide template is individually handcrafted for exactness
- The template is held on the door and jamb with nails; guide pins locate the deep mortise
- The edges of the template assure a perfect outline when used with the Porter-Cable Template Guide #42024 (Lock Face Routing) and #42237 (Lock Nut)
- Use of this Porter-Cable Template Guide will yield 21/32" I.D., 3/4" O.D. and 9/16" distance past router base

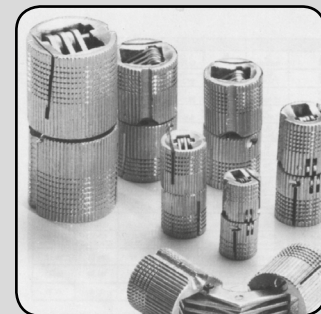
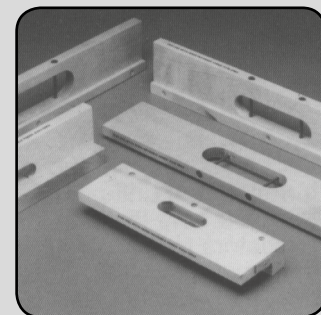
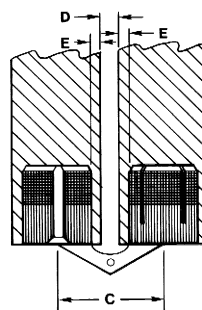
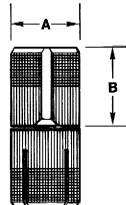
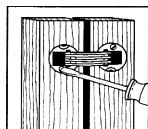
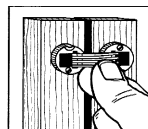
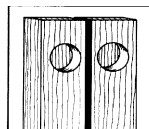
PRODUCT	SOSS HINGE MODEL #	ROUTER BIT SIZE	QTY/BOX
420101	101	1/4"	1
420103	103	3/8"	1
420203	203	3/8"	1
420204	204	3/8"	1
420208	208	3/8"	1
420212	212	3/8"	1
420216	216	1/2"	1
420218	218	1/2"	1
420220	220	1/2"	1

«Soss» Barrel Hinges

- Made of solid brass with brass links. Easily installed with no mortising. Drill to the proper size and insert the hinge
- Totally invisible from either side when the door is closed
- Secure mounting in the wooden door or panel is assured by tightening the tension screw
- To accommodate high loadings, the cylinders can be additionally secured by installing a chipboard or wood screw in the groove on the exposed end

Sold by unit

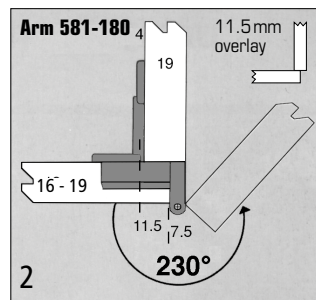
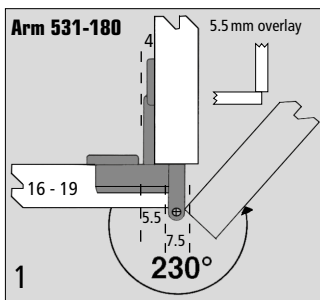
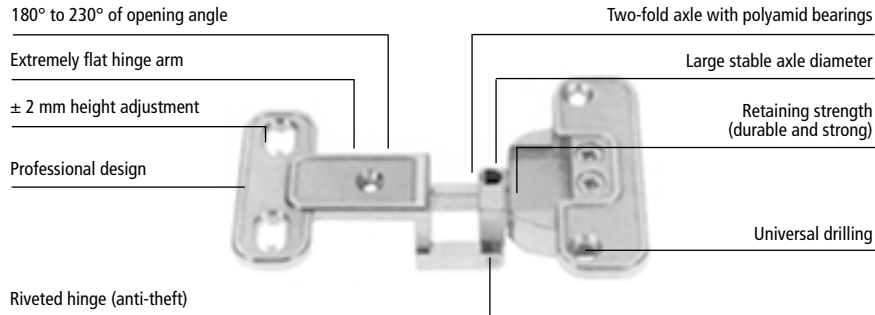
PRODUCT	MODEL #	MIN. DOOR THICKNESS	DRILL BIT NEEDED (IN.)	DIMENSIONS IN MILLIMETERS					QTY/BOX
				A	B	C	D	E (MAX)	
420104130	BH104	1/2"	25/64"	10	11.5	15.7	2	1.8	24
420124130	BH124	5/8"	15/32"	12	13.3	19	2.7	2.1	24
420144130	BH144	3/4"	35/64"	14	15.5	23	3	3	24
420164130	BH164	7/8"	5/8"	16	16.5	23.5	3	2.3	24



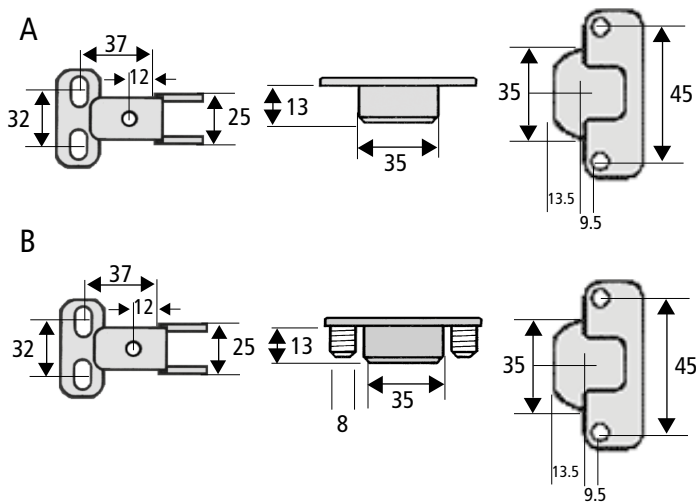
Hinges | Institutional Hinges

Hinge with Exposed Axle

- Polyamid bedded axle ensures great stability and a long life
- Extremely flat hinge arm allows for full access to the wardrobe interior
- Horizontal and height adjustment
- Saves time and money because the carcass and door are connected quickly and safely



(All measurements are in mm)



Universal Bowl

Sold by unit

PRODUCT	FINISH	DESCRIPTION	OVERLAY	QTY/BOX
200180 (A)	Nickel	Screw-in bowl	–	200
201180 (B)	Nickel	Knock-in bowl	–	200
531180 (1)	Nickel	Single arm	5.5 mm	100
581180 (2)	Nickel	Single arm	11.5 mm	100

Richelieu Section 3J



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 CORBELS AND FLOOR REGISTERS
- 17 GLUES, SILICONES, CAULK AND INSULATING
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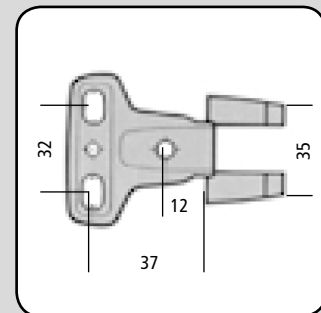
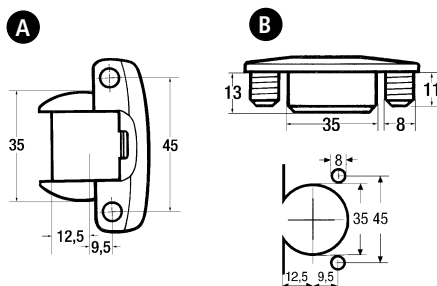
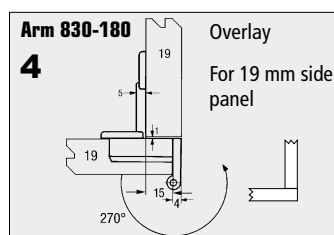
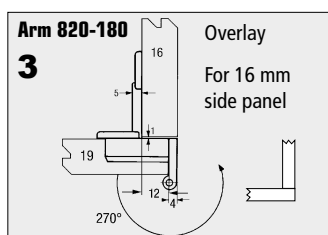
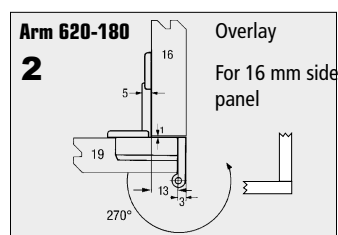
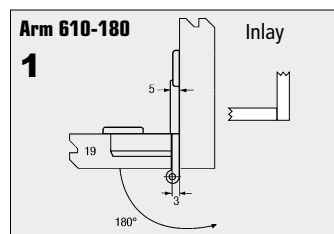
I Hinges | Institutional Hinges

Richelieu Section 3J

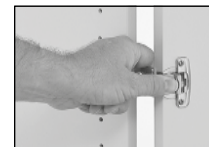
Self Closing Hinges with Exposed Axle

- New design, more attractive
- Fast installation without tools
- Overlay and height adjustment
- Riveted axle protects against theft
- Tested for more than 100,000 opening cycles, no sag in door after 100,000 openings
- Saves time and money because the carcass and door are connected quickly and safely

(All measurements are in mm)



Installation



The pressure of a finger is sufficient

Separation



A slight turn with a screwdriver releases the hinge connection

Bowls and Arms

- Sold separately

Sold by unit

RE.	NICKEL FINISH	BLACK FINISH	DESCRIPTION	OVERLAY	QTY/BOX
A	6080180	—	Screw-in bowl	—	200
B	201180	608190	Knock-in bowl	—	200
1	610180	—	Single arm	Inlay	100
2	620180	—	Single arm	13 mm	100
3	820180	—	Single arm	12 mm	100
4	830180	—	Single arm	15 mm	100

I Hinges I

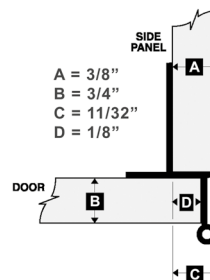
Institutional Hinges

Richelieu offers a wide selection of 5-knuckle overlay hinges, 2-3/4" in height to meet the requirements of your application. All Richelieu hinges have as standard: hospital tips; 270° opening angle; drilled knuckle IDs and machined knuckle edges for smooth operation; and a non-removable knurled pin. The 370 Series, and 450 Series overlay hinges meet ANSI/BHMA 156.9 Grade 1 requirements. The 370 Series, overlay hinges are designed for the 32 mm side panel line boring system. The 450 Series overlay hinges are designed for both the 32 mm side panel line boring system and 45 mm insertion system on the door wing. All mounting holes are countersunk for #8 flat head screws. 370 Series - include : 91374xxx and 91376xxx numbers / 450 Series - include : 91454xxx and 91456xxx numbers.

Institutional Hinge 3/8" Overlay

- Reveal (A-D) 1/4" (6.4 mm)
- 0.095" (2.4 mm) material thickness
- Staggered side panel mounting holes
- All « BP » are sold per pair in a bag

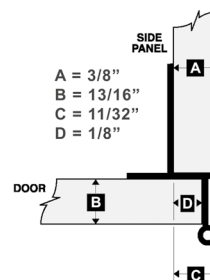
PRODUCT	FINISH	A	B	C	D	QTY/BOX
9184890	Black	3/8" (9.5 mm)	3/4" (19 mm)	11/32" (8.7 mm)	1/8" (3.2 mm)	100 units
BP9184890	Black	3/8" (9.5 mm)	3/4" (19 mm)	11/32" (8.7 mm)	1/8" (3.2 mm)	1 pair



Institutional Hinge 3/8" Overlay

- Reveal (A-D) 1/4" (6.4 mm)
- 0.095" (2.4 mm) material thickness
- Staggered side panel mounting holes
- All « BP » are sold per pair in a bag

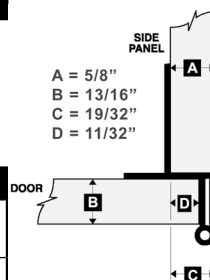
PRODUCT	FINISH	A	B	C	D	QTY/BOX
9184990	Black	3/8" (9.5 mm)	13/16" (20.6 mm)	11/32" (8.7 mm)	1/8" (3.2 mm)	100 units
BP9184990	Black	3/8" (9.5 mm)	13/16" (20.6 mm)	11/32" (8.7 mm)	1/8" (3.2 mm)	1 pair
91849145	Satin Chrome	3/8" (9.5 mm)	13/16" (20.6 mm)	11/32" (8.7 mm)	1/8" (3.2 mm)	100 units
BP91849145	Satin Chrome	3/8" (9.5 mm)	13/16" (20.6 mm)	11/32" (8.7 mm)	1/8" (3.2 mm)	1 pair



Institutional Hinge 5/8" Overlay

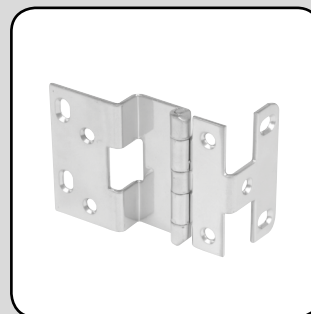
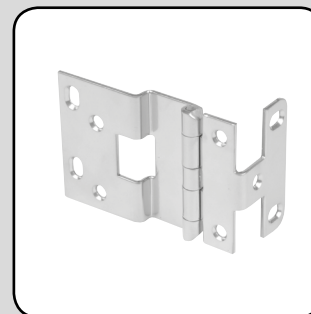
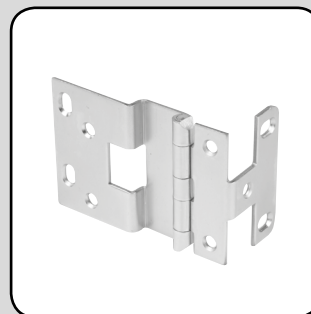
- Reveal (A-D) 9/32" (7.1 mm)
- 0.095" (2.4 mm) material thickness
- Staggered side panel mounting holes
- All « BP » are sold per pair in a bag

PRODUCT	FINISH	A	B	C	D	QTY/BOX
9185390	Black	5/8" (15.9 mm)	13/16" (20.6 mm)	19/32" (15.1 mm)	11/32" (8.7 mm)	100 units
BP9185390	Black	5/8" (15.9 mm)	13/16" (20.6 mm)	19/32" (15.1 mm)	11/32" (8.7 mm)	1 pair
91853145	Satin Chrome	5/8" (15.9 mm)	13/16" (20.6 mm)	19/32" (15.1 mm)	11/32" (8.7 mm)	100 units
BP91853145	Satin Chrome	5/8" (15.9 mm)	13/16" (20.6 mm)	19/32" (15.1 mm)	11/32" (8.7 mm)	1 pair



Richelieu Section 3J

- A = Side panel
- B = Door thickness
- C = Hinge overlay
- D = Door overlay

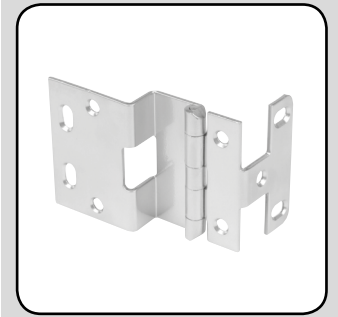
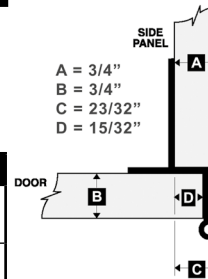


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Institutional Hinge 3/4" Overlay 370 Series

- Reveal (A-D) 9/32" (7.1 mm)
- 0.095" (2.4 mm) material thickness
- System 32 mm / Side panel
- All « BP » are sold per pair in a bag

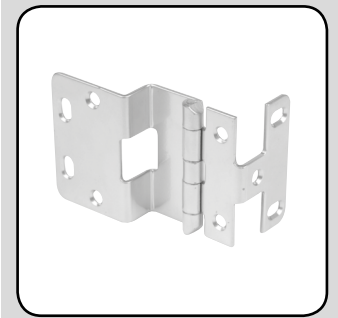
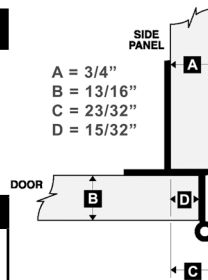
PRODUCT	FINISH	A	B	C	D	QTY/BOX
9137490	Black	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 unit
BP9137490	Black	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair
91374145	Satin Chrome	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 unit
BP91374145	Satin Chrome	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair



Institutional Hinge 3/4" Overlay 370 Series

- Reveal (A-D) 9/32" (7.1 mm)
- 0.095" (2.4 mm) material thickness
- System 32 mm / Side panel
- All « BP » are sold per pair in a bag

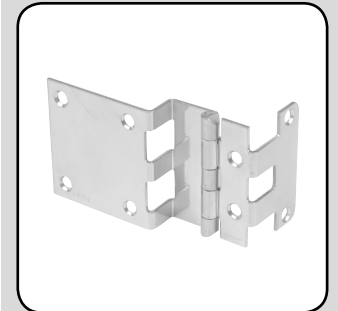
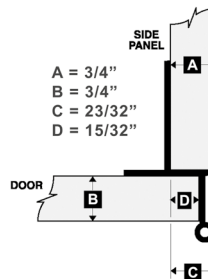
PRODUCT	FINISH	A	B	C	D	QTY/BOX
9137690	Black	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 unit
BP9137690	Black	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair
91376145	Satin Chrome	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 unit
BP91376145	Satin Chrome	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair
91376170	Stainless Steel	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 unit



Institutional Hinge 3/4" Overlay

- Reveal (A-D) 9/32" (7.1 mm)
- 0.083" (2.1 mm) material thickness
- Extend side panel leaf

PRODUCT	FINISH	A	B	C	D	QTY/BOX
9185190	Black	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	100 units
91851145	Satin Chrome	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	100 units

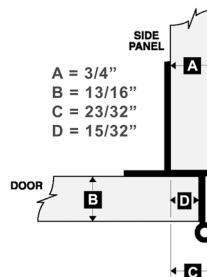


Institutional Hinges

Institutional Hinge 3/4" Overlay 450 Series

- Reveal (A-D) 9/32" (7.1 mm)
- 0.095" (2.4 mm) material thickness
- 32 mm system; Side Panel + 45 mm system; door
- All « BP » are sold per pair in a bag

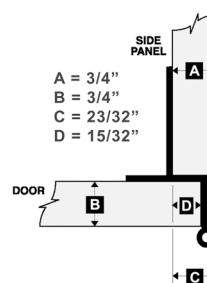
PRODUCT	FINISH	A	B	C	D	QTY/BOX
9145690	Black	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	100 units
BP9145690	Black	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair
BP91456145	Satin Chrome	3/4" (19 mm)	13/16" (20.6 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair



Institutional Hinge 3/4" Overlay 450 Series

- Reveal (A-D) 9/32" (7.1 mm)
- 0.095" (2.4 mm) material thickness
- 32 mm system; Side Panel + 45 mm system; door
- All « BP » are sold per pair in a bag

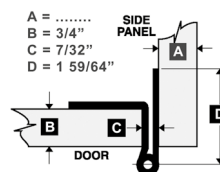
PRODUCT	FINISH	A	B	C	D	QTY/BOX
9145490	Black	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	100 units
BP9145490	Black	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair
91454145	Satin Chrome	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	100 units
BP91454145	Satin Chrome	3/4" (19 mm)	3/4" (19 mm)	23/32" (18.3 mm)	15/32" (11.9 mm)	1 pair



Institutional Hinge 3/4" Flush

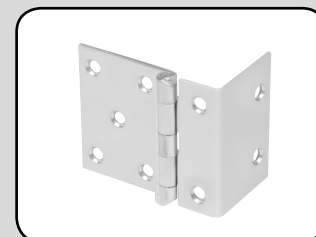
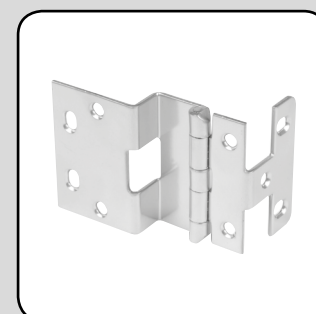
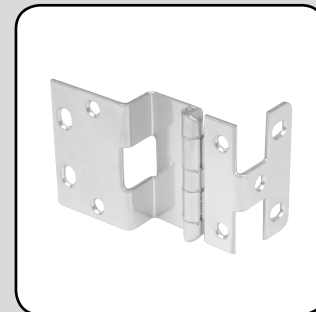
- Barrel height 2-1/2" (63.5 mm)
- 0.083" (2.1 mm) material thickness
- All « BP » are sold per pair in a bag

PRODUCT	FINISH	A	B	C	D	QTY/BOX
9186090	Black	N/A	3/4" (19 mm)	7/32" (5.6 mm)	1-59/64" (48.8 mm)	100 units
BP9186090	Black	N/A	3/4" (19 mm)	7/32" (5.6 mm)	1-59/64" (48.8 mm)	1 pair
91860145	Satin Chrome	N/A	3/4" (19 mm)	7/32" (5.6 mm)	1-59/64" (48.8 mm)	1 unit
BP91860145	Satin Chrome	N/A	3/4" (19 mm)	7/32" (5.6 mm)	1-59/64" (48.8 mm)	1 pair



A = Side panel
B = Door thickness
C = Door clearance
D = Cabinet wing length

Richelieu Section 3J



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Hinge for Lift-Up and Down Doors

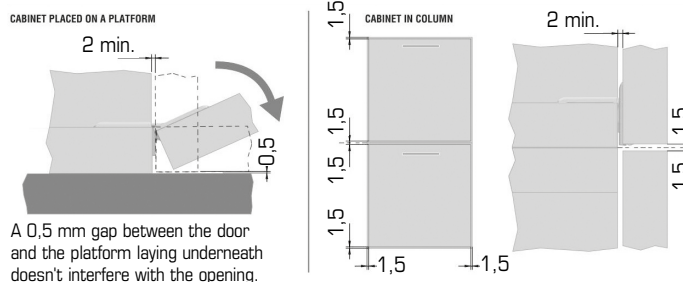
These hinges are designed to open and close flap and drop-down doors. With a unique, exclusive movement design, it opens vertical cabinet doors even when the cabinet bottom rests on another panel or the cabinet top is topped with a decorative or lighting panel.

The minimum panel thickness for the installation of a these hinges is 18 mm. For installation on panels of 16 mm (5/8"), use the adapter #11116180.

- Depth adjustment: 0 to 2 mm.
- Lateral adjustment: 0 to 1 mm.
- Vertical adjustment: 0 to 2 mm.
- Locking system.
- Standard drilling diameter: 26 mm.
- Minimal depth: 15 mm.
- This hinge installs without adapter on a door and cabinet panel that has a thickness of 18 mm to 20 mm.

Included Product(s):

- 4 perpendicular mounting screws.
- Adapter for 18 mm and 21 mm panel.
- Instructions



PRODUCT	FINISH	DRILLING Ø	PANEL THICKNESS	QTY/BOX
11125180	Nickel	26 mm	23/32" (18 mm)	1

