

CLIP top BLUMOTION 110°+ hinges



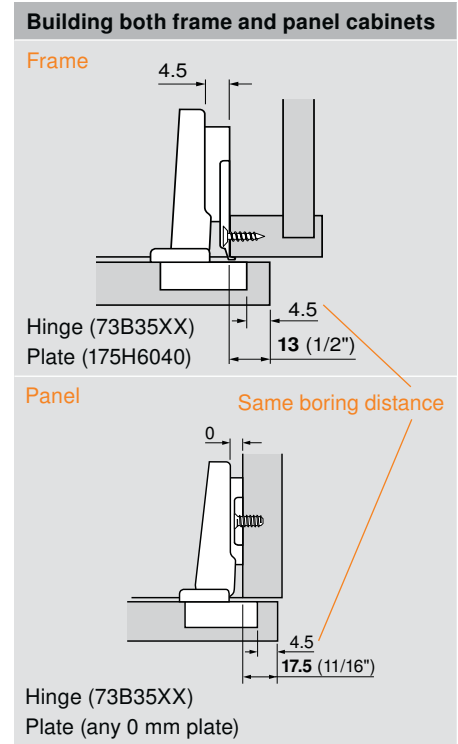
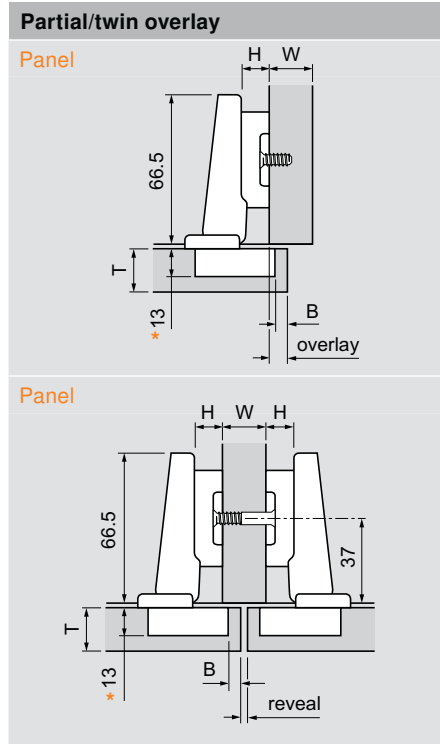
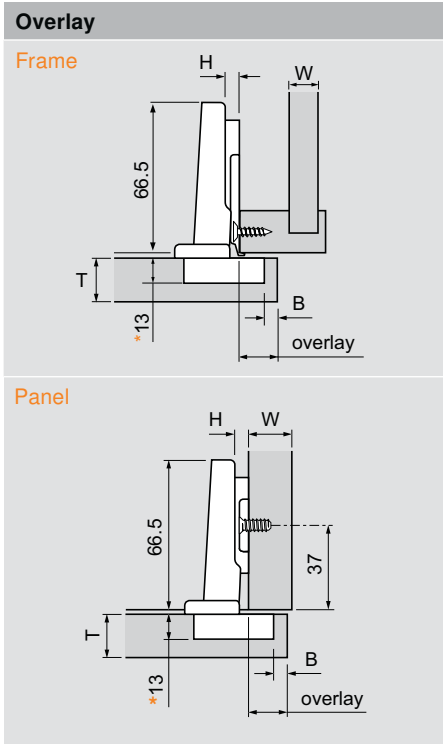
Features

- BLUMOTION integrated into the hinge cup
- Deactivation switch for small/light doors
- New geometry for door thicknesses up to 26 (1")
- New INSERTA design
- Boring distance range 3 mm to 7 mm
- For door overlays up to 22 mm
- Compatible with existing CLIP mounting plates and hinge arm cover caps
- Press-in hinges must be inserted with knock-in tool or universal insertion ram

Minimum reveal table					
3	0.5	1.0	1.8	2.7	4.3
4	0.5	1.0	1.7	2.5	3.8
4.5	0.5	1.0	1.7	2.5	3.6
5	0.5	0.9	1.7	2.4	3.4
6	0.5	0.9	1.6	2.3	3.2
7	0.5	0.9	1.6	2.2	3.0
B = boring dist.	16	19	22	24	26

T = door thickness

Thickness greater than 26 trial app. recommended



* All 35 mm and 8 mm holes must be a minimum of 13 mm deep

H	Overlay						P	S
0	16	17	17.5	18	19	20	10	20
3	13	14	14.5	15	16	17	13	23
4.5	11.5	12.5	13	13.5	14.5	15.5	14.5	24.5
6	10	11	11.5	12	13	14	16	26
9	7	8	8.5	9	10	11	19	29
	3	4	4.5	5	6	7	Fixed dist. X = 13	
	B = boring distance							

NOTE: 4.5 plate is only for use in frame cabinets, 9 plate is only for panel cabinets

H	Overlay						P	S
9	7	8	8.5	9	10	11	19	29
	3	4	4.5	5	6	7	Fixed distance X = 13	
	B = boring distance							

H	Reveal						W	P	S
2	—	—	—	—	—	—	16		
9	5	3	2	—	—	—	19	19	29
	8	6	5	4	—	—	22		
	3	4	4.5	5	6	7			
	B = 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 4.5 mm to achieve:

- 13 (1/2") overlay on frame cabinets
- 17.5 (11/16") overlay on panel cabinets

Advantages:

- One machine setting for boring all doors
- Same hinge used for both applications

Abbreviations

H	=	Plate height
P	=	Door protrusion
S	=	Side arm protrusion
W	=	Side panel width
X	=	Fixed distance

Straight-arm	Self close
Screw-on	73B3550
Press-in	73B3580
EXPANDO	73B358E
INSERTA	73B3590

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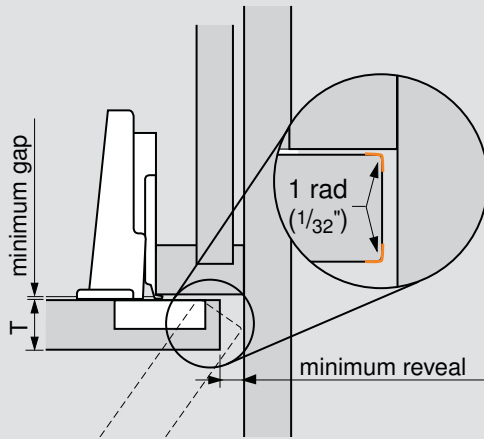
New geometry for thick door applications

Minimum reveals increase with door thickness. The following applications show common examples of necessary reveal and door gap for each door thickness.

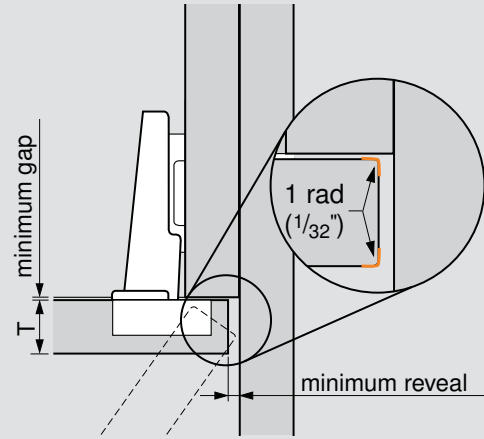
The factory setting for the door gap (distance between the back of door and front of side panel/frame) is 1.5 mm. For full opening angle without contacting the side panel or frame, the gap behind the door and the minimum reveal must be adjusted according to the table below.

NOTE: All dimensions based on 1 mm door radius

Frame application



Panel application



3/4" thick door		
Minimum reveal	B Bore	Minimum gap behind door
1.0	3	1.5
1.0	4	1.5
.9	4.5	1.5
.9	5	1.5
.9	6	1.5
.9	7	1.5

7/8" thick door		
Minimum reveal	B Bore	Minimum gap behind door
1.8	3	1.5
1.7	4	1.5
1.7	4.5	1.5
1.7	5	1.5
1.6	6	1.5
1.6	7	1.5

1" thick door		
Minimum reveal	B Bore	Minimum gap behind door *
4.3	3	1.5
3.8	4	1.5
3.6	4.5	2.0
3.4	5	2.2
3.2	6	3.2
3.0	7	4.2

* Factory setting is 1.5, may require adjustment