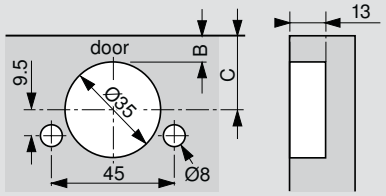
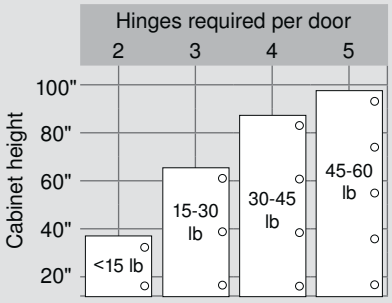
Quick reference

Hinge cup centerpoint



C = Cup centerpoint				
20.5	21.5	22.5	23.5	24.5
13/16"	27/32"	7/8"	15/16"	31/32"
3	4	5	6	7
B = Bore distance				

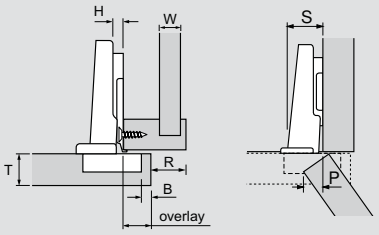
Hinges per door



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.

NOTE: The distance between the top and bottom hinges must be greater than the width of the door

Hinge abbreviation key



B	=	Boring distance
H	=	Plate height
OL	=	Door overlay
P	=	Door protrusion
R	=	Reveal
S	=	Side arm protrusion
T	=	Door thickness
W	=	Side panel width
X	=	Fixed distance

Conversion chart

mm	inch	
1	1/32	.031
1.5	1/16	.063
2	3/32	.094
3	1/8	.125
4	5/32	.156
5	3/16	.188
5.5	7/32	.219
6	1/4	.25
7	9/32	.281
8	5/16	.313
9	11/32	.344
9.5	3/8	.375
10	13/32	.406
11	7/16	.438
12	15/32	.469
13	1/2	.5
13.5	17/32	.531
14	9/16	.563
15	19/32	.594
16	5/8	.625
17	21/32	.656
17.5	11/16	.688
18	23/32	.719
19	3/4	.75
20	25/32	.781
20.5	13/16	.813
21	27/32	.844
22	7/8	.875
23	29/32	.906
24	15/16	.938
24.5	31/32	.969
25.4	1	1

Fixed distance (X)

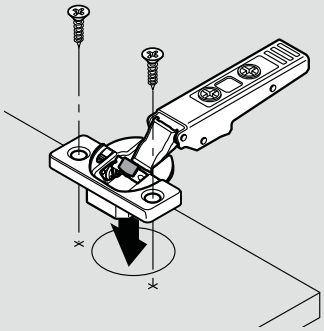
The distance that the cup overlays the cabinet side panel when a hinge is attached to a 0 mm mounting plate.
This is used to calculate hinge overlay with the formula **X + B minus H = OL**
(Fixed distance + boring distance minus plate height = overlay)

General specifications

Hinge-to-door attachment

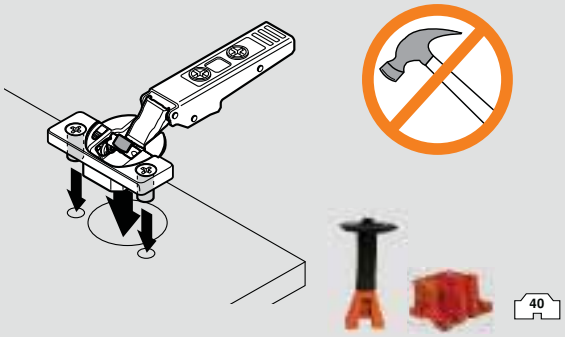
Screw-on

Use #6 wood screws



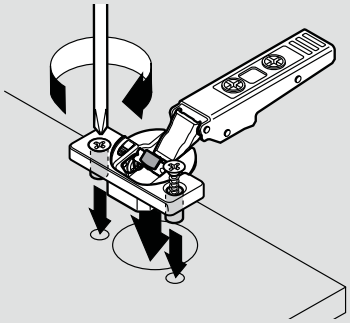
Press-in

Pre-attached Ø8 dowels installed with Blum knock-in tool or MINIPRESS with universal insertion ram



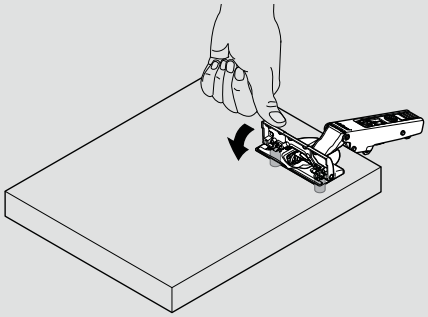
EXPANDO

Pre-attached expanding Ø8 mm dowels



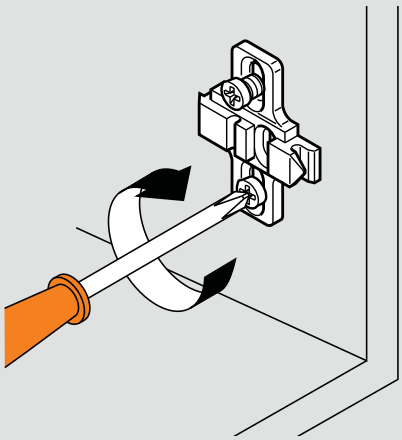
INSERTA

Tool-free attachment with INSERTA expanding Ø8 mm dowels



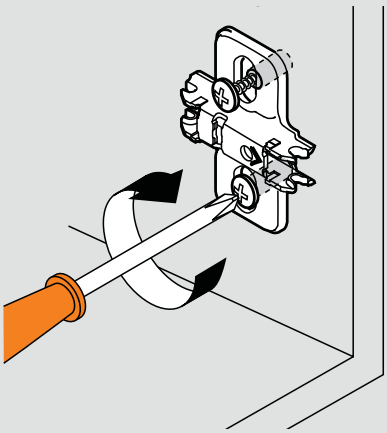
Mounting plate-to-cabinet

Screw-on



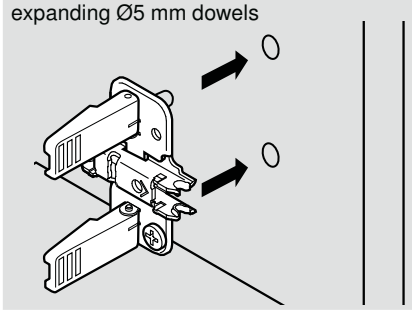
EXPANDO

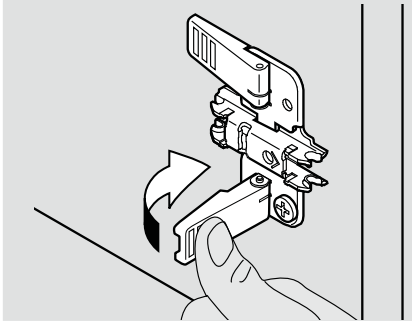
Pre-attached expanding Ø5 mm dowels



INSERTA

Tool-free attachment with INSERTA expanding Ø5 mm dowels

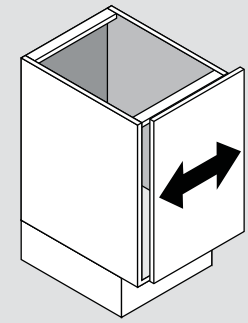


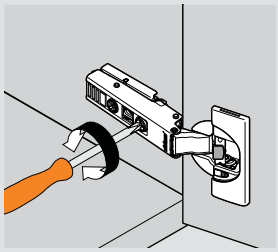


Three-dimensional adjustment

Side adjustment

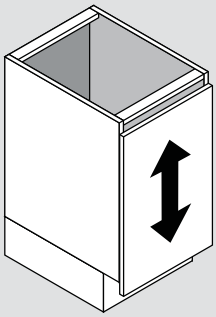
Rotate front screw to increase or decrease door overlay (±2 mm).

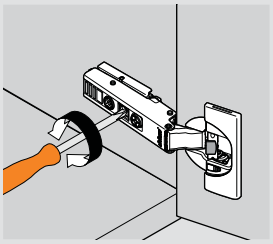




Height adjustment

Rotate cam screw on mounting plate to adjust door position (±2 mm).

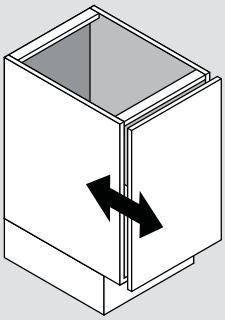


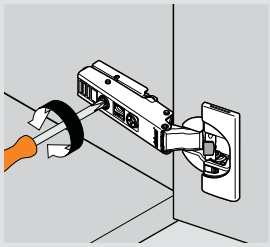


On non-cam mounting plates, loosen screws, adjust door and retighten screws.

Depth adjustment

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

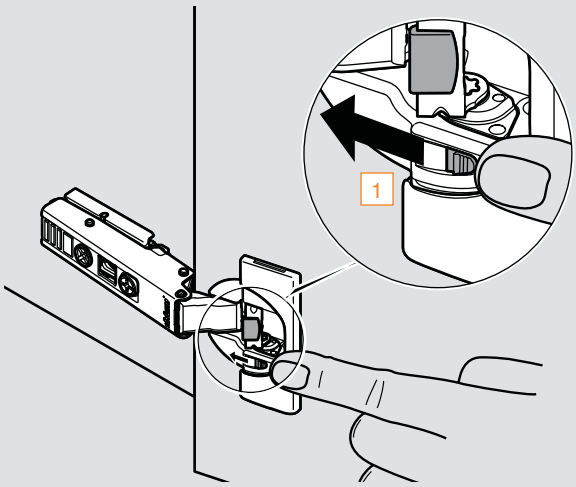




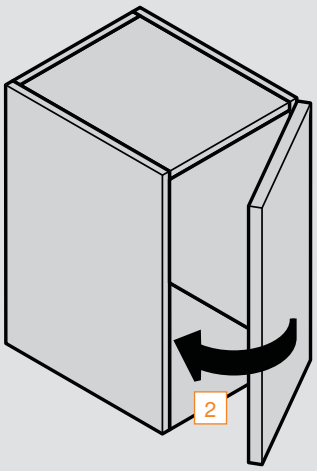
BLUMOTION deactivation

Deactivation switch on hinge cup

For small or light doors, the BLUMOTION can be deactivated on one of the hinges.



Door must be closed once for the deactivation to be complete. To reactivate, move switch back to original position.



Temperature information

CLIP top BLUMOTION is designed to be used at temperatures between 65° and 85° F. Lower or higher temperatures will not cause damage to the hinge, however they will affect the closing speed. Once the temperature returns to the suggested range the hinge will return to its optimal closing action.