

# Hinge systems



## ► CLIP top BLUMOTION / CLIP top – hinges ►► Mounting plates



Hinge systems

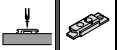
Description	Material	Adjustment	Height						
<b>►► Mounting plates</b>									
Horizontal cam mounting plate	20/32 Steel	Cam	±2 mm	186		186	187	187	
Horizontal cam mounting plate for dual application	20/32 Steel	Cam	±2 mm				187		
Horizontal cam mounting plate	22/32 Zinc	Cam	±2 mm	188		188			
Horizontal cam mounting plate	20/32 Zinc	Cam	±2 mm					188	
INSERTA cruciform mounting plate	37/32 Steel	Cam	±2 mm		189				
Cruciform cam mounting plate	37/32 Steel	Cam	±2 mm	188		189			
Cruciform cam mounting plate for dual application	37/32 Steel	Cam	±2 mm			189			
Cruciform mounting plate	37/32 Zinc	Screws (two-part)	±2 mm	189			190		
Cruciform mounting plate	37/32 Steel	Elongated hole	±2 mm			190			
Cruciform mounting plate	37/32 Steel	Elongated hole	±3 mm	190			190		191
Cruciform mounting plate for dual application	37/32 Steel	Elongated hole	±3 mm				191		
Cruciform mounting plate	28/32 Steel	Elongated hole	±3 mm				191		
Cruciform mounting plate	37/32 Zinc	Elongated hole	±3 mm				191		
<b>►► Angled spacers</b>									
+5° obtuse angled spacer	37/32 Zinc			192					
-5° acute angled spacer	37/32 Zinc			192					

### Pictograph

	Item Available Upon Request		Cruciform mounting plate		EXPANDO fixing
	Accessories		Angled spacers		System screw fixing
	General Information		Chipboard screw fixing		Knock-in dowel fixing – assembly only with the insertion ram
	Horizontal mounting plate		INSERTA fixing		Knock-in dowel fixing

### Horizontal cam mounting plate

20/32




- Fixing with chipboard screws  
Ø 3.5 mm

- With cam height adjustment  
±2 mm

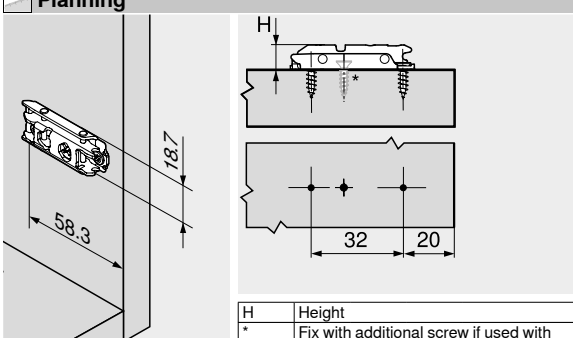
- Recommended screw length  
17 mm

- Material: steel

- Colour: nickel plated

Order information		
Spacing (mm)	Height (mm)	Part no.
0	8.5	175H3100
3	11.5	175H3130

#### Planning

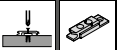



H Height

\* Fix with additional screw if used with wide angle hinges

### Horizontal cam mounting plate

20/32

- Fixing with pre-mounted special screws with split dowels (EXPANDO)

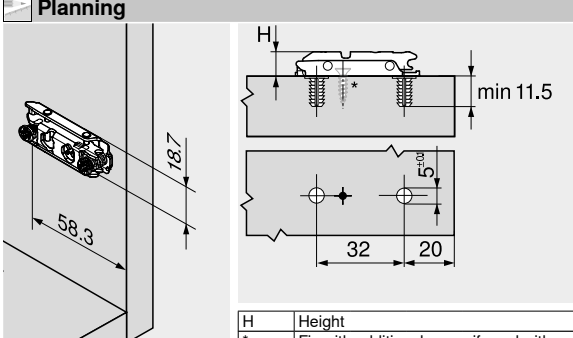
- With cam height adjustment  
±2 mm

- Material: steel

- Colour: nickel plated

Order information		
Spacing (mm)	Height (mm)	Part no.
0	8.5	177H3100E
3	11.5	177H3130E

#### Planning



H Height

\* Fix with additional screw if used with wide angle hinges



Horizontal cam mounting plate

20/32

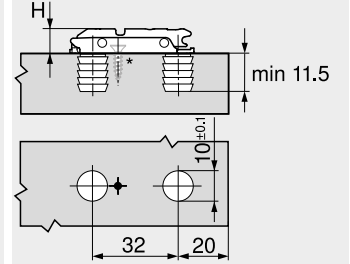
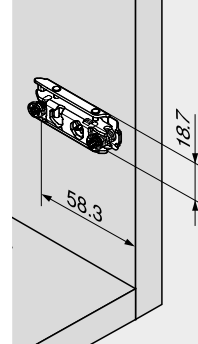


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment  $\pm 2$  mm
- Material: steel
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	177H3100E10
3	11.5	177H3130E10

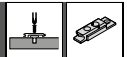
Planning



H	Height
*	Fix with additional screw if used with wide angle hinges

Horizontal cam mounting plate

20/32

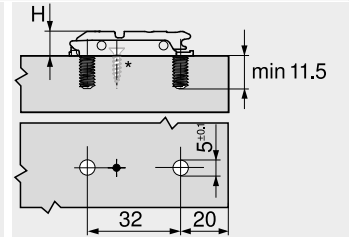
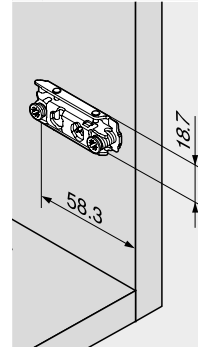


- Assembly using pre-mounted system screws  $\varnothing 6 \times 12.9$  mm (66B.129)
- With cam height adjustment  $\pm 2$  mm
- Material: steel
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	175H4100
3	11.5	175H4130

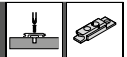
Planning



H	Height
*	Fix with additional screw if used with wide angle hinges

Horizontal cam mounting plate for dual application

20/32

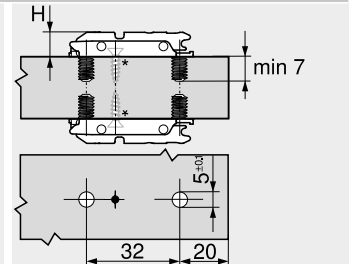
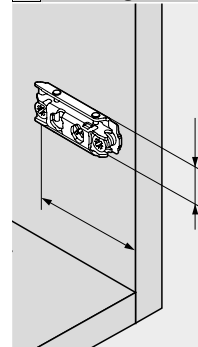


- Assembly using pre-mounted system screws  $\varnothing 6 \times 8.9$  mm (66B.089)
- With cam height adjustment  $\pm 2$  mm
- For twin application
- Material: steel
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	175H410Z

Planning



H	Height
*	Fix with additional screw if used with wide angle hinges

Horizontal cam mounting plate

20/32



- Knock-in assembly with pre-fixed dowels
- Assembly with knock-in insertion ram or knock-in tool with pressure directly on the screw
- With cam height adjustment  $\pm 2$  mm
- Material: steel
- Colour: nickel plated

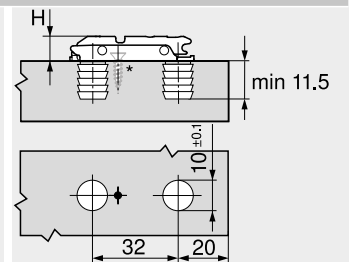
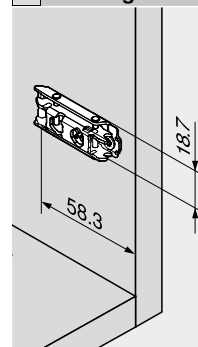
Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	177H3100
3	11.5	177H3130

Accessories

Description	Part no.
Insertion ram	MZM.0053

Planning



H	Height
*	Fix with additional screw if used with wide angle hinges

## Hinge systems

**blum**

- ▶ CLIP top BLUMOTION / CLIP top – hinges
- ▶▶ Mounting plates



### Horizontal cam mounting plate

22/32

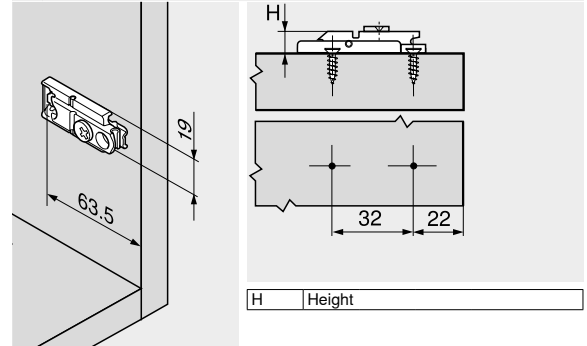


- Fixing with chipboard screws  $\varnothing$  3.5 mm
- With cam height adjustment  $\pm 2$  mm
- Recommended screw length 17 mm
- Material: zinc
- Colour: nickel plated

#### Order information

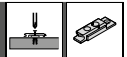
Spacing (mm)	Height (mm)	Part no.
0	8.5	175H5400
3	11.5	175H5430

#### Planning



### Horizontal cam mounting plate

22/32

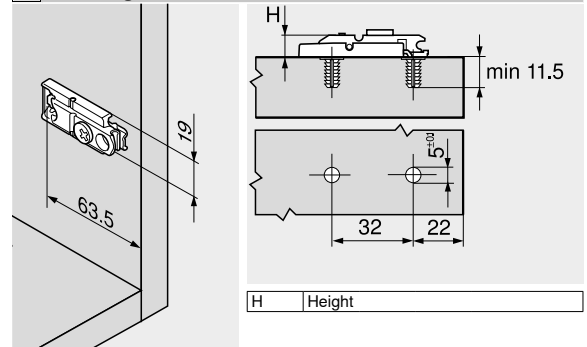


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment  $\pm 2$  mm
- Material: zinc
- Colour: nickel plated

#### Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	177H5400E
3	11.5	177H5430E

#### Planning



### Horizontal cam mounting plate

20/32



- Knock-in assembly with pre-fixed dowels
- Assembly with insertion ram or knock-in tool only
- With cam height adjustment  $\pm 2$  mm
- Material: zinc
- Colour: nickel plated

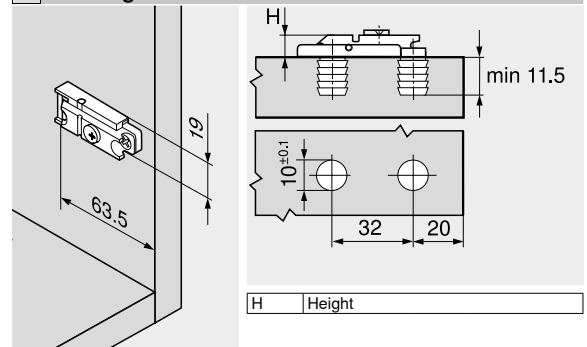
#### Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	177H5100
3	11.5	177H5130

#### a Accessories

Description	Part no.
Insertion ram	MZM.0050

#### Planning



### Cruciform cam mounting plate

37/32

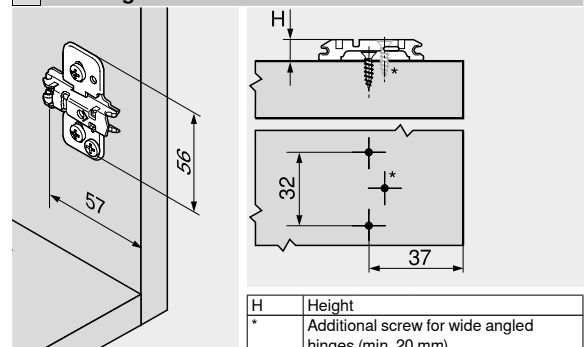


- Fixing with chipboard screws  $\varnothing$  3.5 or  $\varnothing$  4 mm
- With cam height adjustment  $\pm 2$  mm
- Material: steel
- Colour: nickel plated

#### Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	173H7100
3	11.5	173H7130

#### Planning





INSERTA cruciform mounting plate

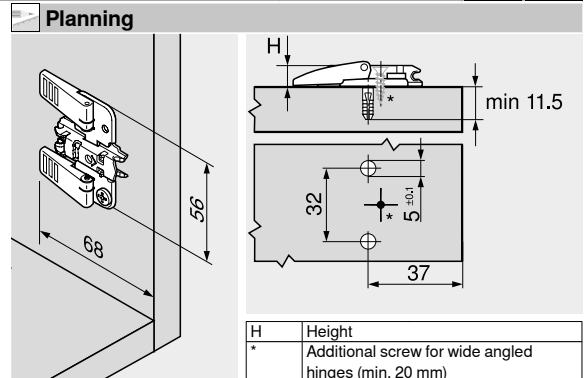
37/32



- Tool-free assembly
- With "self anchoring" feature
- With cam height adjustment  $\pm 2$  mm
- Material: steel, closing lever, zinc die-cast
- Colour: nickel plated

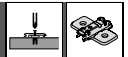
Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	174H7100I
3	11.5	174H7130I



Cruciform cam mounting plate

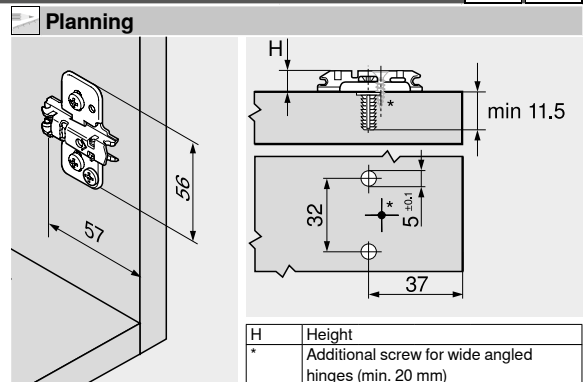
37/32



- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment  $\pm 2$  mm
- Material: steel
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	174H7100E
3	11.5	174H7130E



Cruciform cam mounting plate for dual application

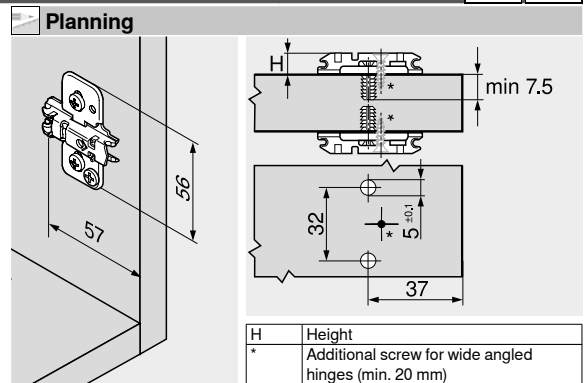
37/32



- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With cam height adjustment  $\pm 2$  mm
- For twin application
- Material: steel
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	174H710ZE
3	11.5	174H713ZE



Cruciform mounting plate

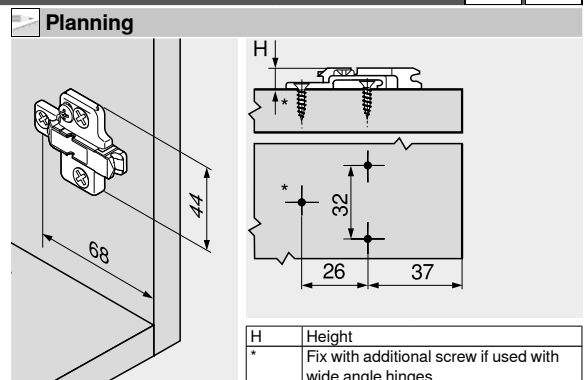
37/32



- Fixing with chipboard screws  $\varnothing 3.5$  or  $\varnothing 4$  mm
- With height adjustment  $\pm 2$  mm
- Recommended screw length 17 mm
- Material: zinc
- Colour: nickel plated

Order information

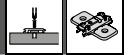
Spacing (mm)	Height (mm)	Part no.
0	8.5	175H7100
3	11.5	175H7130
9	17.5	175H7190
18	26.5	175H7190.22





## Cruciform mounting plate

37/32

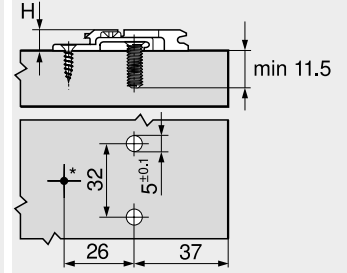
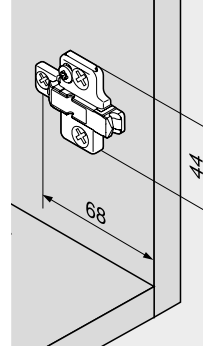


- Fixing with system screws  $\varnothing 6 \times 14.5$  mm (661.1450)
- With height adjustment  $\pm 2$  mm
- Material: zinc
- Colour: nickel plated

### Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	175H9100
3	11.5	175H9130
6	14.5	175H9160
9	17.5	175H9190
18	26.5	175H9190.22

### Planning



H	Height
*	Fix with additional screw if used with wide angle hinges

## Cruciform mounting plate

37/32

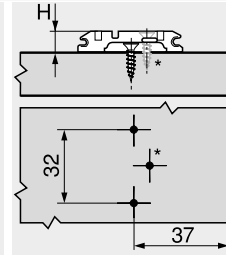
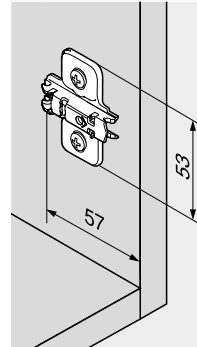


- Fixing with chipboard screws  $\varnothing 3.5$  or  $\varnothing 4$  mm
- With height adjustment  $\pm 3$  mm
- Recommended screw length 17 mm
- Material: steel
- Colour: nickel plated

### Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	173L6100
3	11.5	173L6130

### Planning



H	Height
*	Additional screw for wide angled hinges (min. 20 mm)

## Cruciform mounting plate

37/32

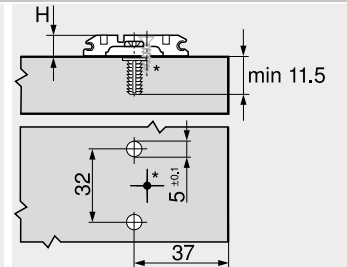
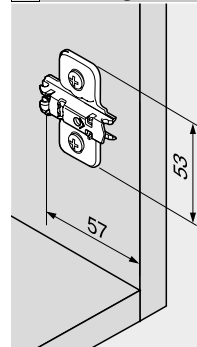


- Fixing with pre-mounted special screws with split dowels (EXPANDO)
- With height adjustment  $\pm 2$  mm
- Material: steel
- Colour: nickel plated

### Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	174E6100.01
3	11.5	174E6130.01

### Planning



H	Height
*	Additional screw for wide angled hinges (min. 20 mm)

## Cruciform mounting plate

37/32

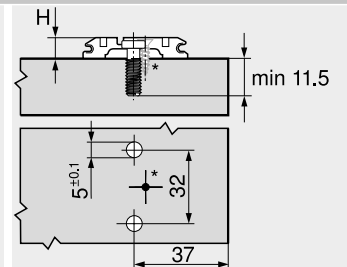
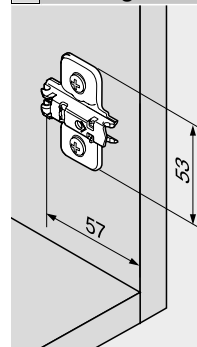


- Fixing with pre-mounted system screws  $\varnothing 6$  mm
- With height adjustment  $\pm 3$  mm
- Material: steel
- Colour: nickel plated

### Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	173L8100
3	11.5	173L8130

### Planning



H	Height
*	Additional screw for wide angled hinges (min. 20 mm)



Cruciform mounting plate for dual application

37/32  

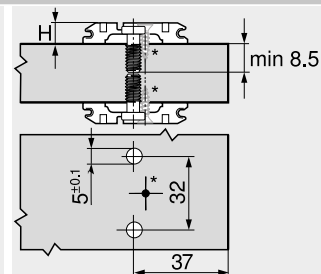
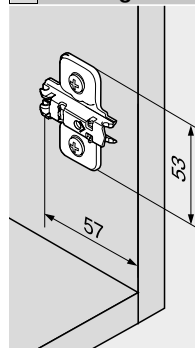


- Fixing with pre-mounted special system screws, Ø 6 mm (668.1150)
- With height adjustment ±3 mm
- For twin application
- Material: steel
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	173L8100.21

Planning



H	Height
*	Additional screw for wide angled hinges (min. 20 mm)

Cruciform mounting plate

37/32  




- Knock-in assembly with pre-fixed dowels
- With height adjustment ±3 mm
- Material: steel
- Colour: nickel plated

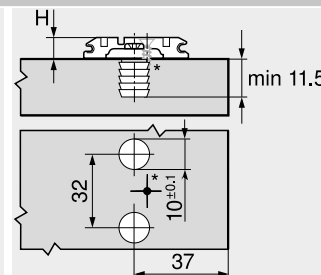
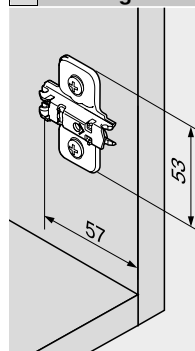
Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	174L6100.05
3	11.5	174L6130.05

**a** Accessories

Description	Part no.
 Insertion ram	MZM.0061.01

Planning



H	Height
*	Additional screw for wide angled hinges (min. 20 mm)

Cruciform mounting plate

28/32  

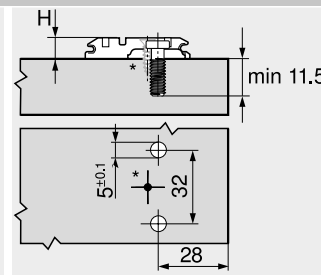
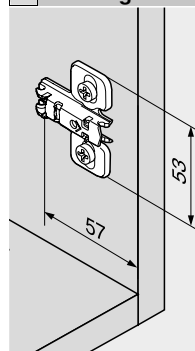


- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- Material: steel
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	173L8300
3	11.5	173L8330

Planning



H	Height
*	Additional screw for wide angled hinges (min. 20 mm)

Cruciform mounting plate

37/32  

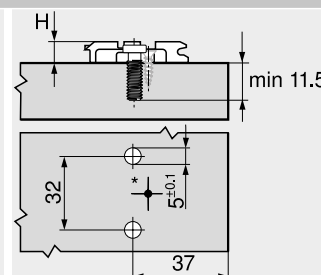
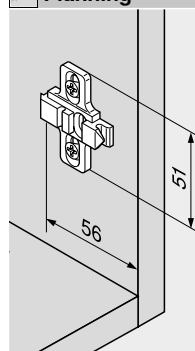


- Fixing with pre-mounted system screws Ø 6 mm
- With height adjustment ±3 mm
- Material: zinc
- Colour: nickel plated

Order information

Spacing (mm)	Height (mm)	Part no.
0	8.5	175L8100
3	11.5	175L8130
9	17.5	175L8190
11	19.5	175L8190.21

Planning



H	Height
*	Fix with additional screw if used with wide angle hinges



## +5° obtuse angled spacer

37/32

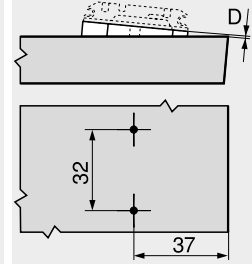
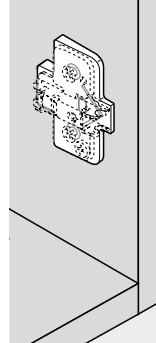


- Fixing with chipboard screws  
 $\varnothing$  3.5 or  $\varnothing$  4 mm
- Material: zinc
- Colour: nickel plated
- Suitable for mounting plates:  
 173H71X0  
 175H71X0  
 175H91X0

### Order information

Spacing (mm)	Part no.
0.8	171A5010
3	171A5040
6	171A5070

### Planning



D Spacing

## -5° acute angled spacer

37/32

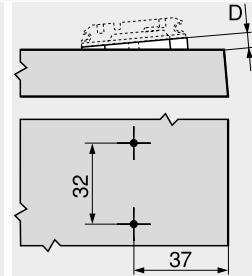
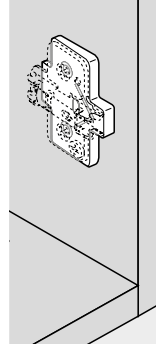


- Fixing with chipboard screws  
 $\varnothing$  3.5 or  $\varnothing$  4 mm
- Material: zinc
- Colour: nickel plated
- Suitable for mounting plates:  
 173H71X0  
 175H71X0  
 175H91X0

### Order information

Spacing (mm)	Part no.
6	171A5500

### Planning



D Spacing