

## Roses Backplates

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4b

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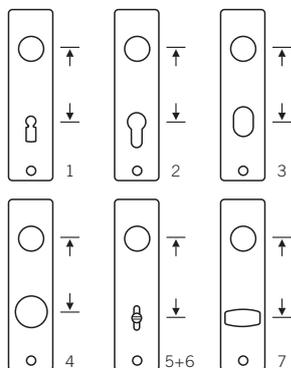
# Roses

## Backplates

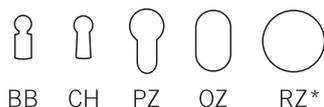
Opening a door involves two key forces, pushing and then pulling. Both forces have a cumulative effect and need to be carefully counteracted if a door handle set is to remain in good working order over the years. Backplates and roses fulfil this function, which is why it is so important that they are properly fitted.

All plates and roses supplied by FSB feature a 7 mm plain bearing made of indestructible black GFR plastics. Backplates and roses are additionally fitted with rugged support lugs in the same material.

Lever handle sets and their accessories need to match the appropriate locks. Thus it is therefore important to heed the specifications listed below when ordering. It goes without saying that we are acquainted with the common international variations in spacings, key patterns and lock break-throughs. We nevertheless advise you to quote the lock type in use if in any doubt.



1. BB and Chubb: centre of follower to centre of key pin.
2. Profile cylinder: centre of follower to centre of profile cylinder core.
3. Oval cylinder: centre of follower to centre of oval cylinder.
4. Round cylinder: centre of follower to centre of round cylinder.
5. Emergency release: centre of follower to centre of spindle.
6. WC: centre of follower to centre of spindle.
7. Thumbturn: centre of follower to centre of spindle.



BB

CH

PZ

OZ

RZ\*



S

WC

R

### Bathroom/WC version

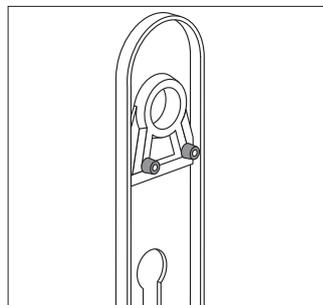
FSB bathroom furniture features a thumbturn (R) on the inside and an emergency release with indicator (WC) on the outside. The door can be unlocked from the outside using an Allen key or coin. The red/white indicator can be dispensed with if so desired (S). A special-purpose emergency furniture is available for old people's homes and nursery schools.

### Keyholes

In the absence of special instructions, we supply plates and roses with lever lock keyholes, i.e. BB.

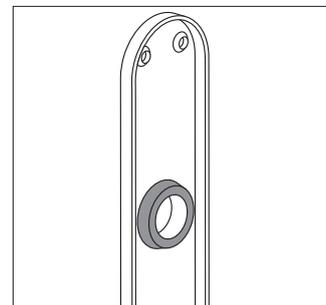
### Keyhole spacing

The standard keyhole spacing for internal backplates is 72 mm, for bathroom backplates 78 mm and for final exit backplates 92 mm. The spacings are measured as follows:



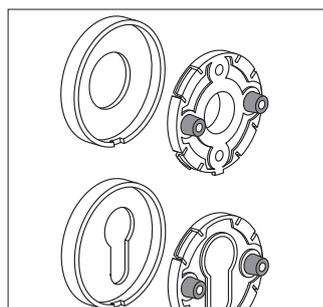
Standard short backplates with visible screws

Standard short backplates with visible screws feature two support lugs in the area beneath the handle bearing. Screw holes are designed for 3.9 mm countersunk screws.



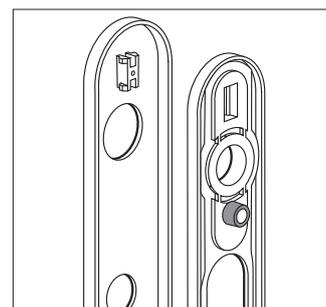
Standard backplates with visible screws

Standard backplates with visible screws incorporate a GFR plastics bearing. Screw holes are designed for 3.9 mm countersunk screws.



Roses with concealed fixing

The metal covering plates rest on a GFR-plastics backplate fitted with 2 support lugs in the fixing area. Fixing centres 38 mm.



Backplates and squareplates with concealed fixing

Backplates and squareplates with concealed fixing have a support plate similar to that for roses.

### Fixing Aids

In the Fixing Aids section "9c" of this Catalogue we have set out all the steps needed to ensure roses and plates are correctly fitted.

To ensure FSB door furniture is only supplemented by the appropriate FSB accessories, we manufacture all plastics components in the same black GFR plastics. The colour scheme is sustained in the black grub screw featured in FSB handle sets.

● New products 09110

Aluminium
  AluGrey
  Stainless steel
  Bronze
  Brass

# Overview



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1707/31 2211       
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4b

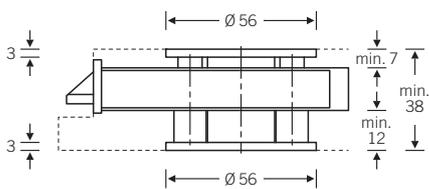
## Flush roses



Flush roses for door thicknesses from 38 – 44 mm

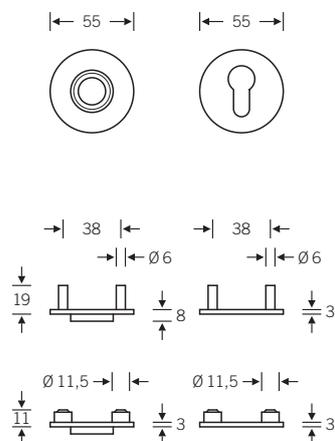
Less is more: an architecture espousing reduction and the formal integration of technical/functional items manifests itself in, for instance, non-rebated doors. FSB has been setting standards for some time now with a range of flush furniture that has been embraced in equal measure by architects and design-conscious house builders.

Area to be routed out on threaded side/trailing face



Area to be routed out on clip-on side/leading face

Complementary technical information: [www.fsb.de/flush](http://www.fsb.de/flush)



1736  
1737

- Aluminium
- AluGrey
- Stainless steel
- Bronze

threaded side = trailing face

clip-on side = leading face

4b

**Technical prerequisites:**

The door must be 38-44 mm thick. Please bear the position of the lock mortise in mind. Drill fixing holes on both sides with the aid of the FSB 0455 standard drilling template.

Then expand the holes for the handle and key roses drilled on the clip-on side (= leading face) to a diameter and depth of 12 mm. Use should be made of the FSB 0462 routing jig when preparing the door for receipt of the roses.

Please note that - unlike the routing performed for flush furniture in heavy-duty bearings (door thickness 45 mm and

upwards), the area routed out must not be more than 3 mm in depth. The recess for the rose needs to be 56 mm in diameter and centred on the lock follower.

The remaining material between the bottom of the recess and the lock case is required to be stable and firm enough to ensure secure fastening without any pressure being exerted upon the lock.

**Specification:**

Handle/key rose pairs for flush fitting, only in combination with specially prepared FSB door handle pairs, door handle pair and rose pairs can be dis-assembled

For door thicknesses from 38 – 44 mm

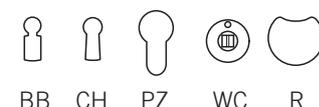
EPC 72 mm

Routing jig: FSB 0462, cf. page 577

**Order details required:**

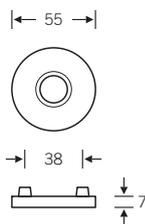
- Lever design
- Material/finish
- Quantity
- Door handing in the case of rebated doors combined with asymmetrical door handles, acc. to German DIN cf. page 586

**Keyways and bathroom/indicating variants**



Other types and cylinder centres on request.

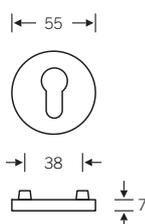
# Roses



1743

Subroses with lugs: 1731

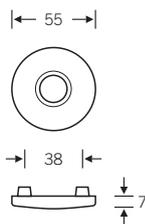
- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



1744

Subroses with lugs: 1735

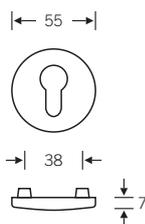
- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



1705

Subroses with lugs: 1707

- Aluminium
- AluGrey
- Stainless steel
- Brass

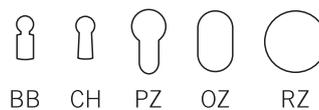


1709

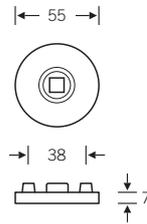
Subroses with lugs: 1708

- Aluminium
- AluGrey
- Stainless steel
- Brass

## Keyholes



## Roses with spring mechanism

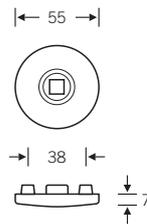


**1731 2211** 7 mm □

For levers with spindle  
8 mm □: 1731 2111

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass

Angle of rotation is 25°



**1707 2211** 7 mm □

For levers with spindle  
8 mm □: 1707 2111

- Aluminium
- AluGrey
- Stainless steel
- Brass

Angle of rotation is 25°



By dint of the coil springs built into their bases to return the handle to the horizontal, FSB roses with positive mechanisms are ideal for the job of modernising doors if, for instance, replacing the old locks would be too laborious or in a situation in which the lock still functions well but the lock fol-

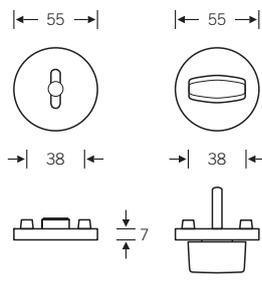
lower no longer holds the handle in position properly, causing it to develop unsightly "sag". The restoring force in the spring is sufficient to keep even solid lever handles of considerable weight – e.g. those made of brass or bronze – lastingly in position.

The rose's metal caps are supported on a glass-fibre-reinforced base that features two lugs in the fixing area. A positive mechanism is built into the base. The roses are used in pairs, with a righthand (green cover) and a lefthand (red cover) version being combined by means of through fixing.

Restoration of the carrier plate is ensured by means of coil springs and is infallible as a result. The angle of rotation is 25°. Fitted in conjunction with a set of lever handles, this furniture is indistinguishable from its standard counterpart.

4b

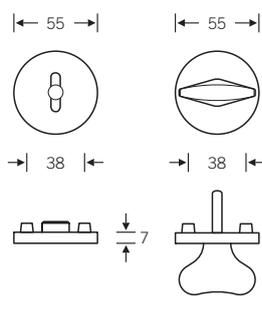
Indicating furniture



**1744 0084** 6 mm □

Subroses with lugs:  
1735 0054, 8 mm □

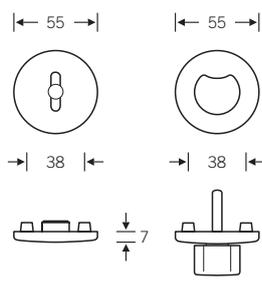
- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



**1744 6084** 6 mm □

Subroses with lugs:  
1735 6054, 8 mm □

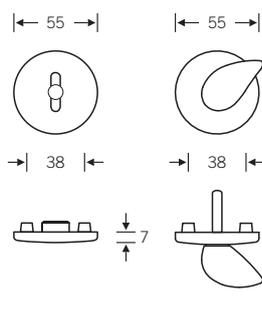
- Aluminium
- AluGrey



**1709 7584** 6 mm □

Subroses with lugs:  
1708 7554, 8 mm □

- Aluminium
- AluGrey
- Stainless steel
- Brass



**1709 ..84** 6 mm □

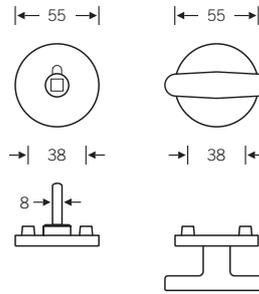
Subroses with lugs:  
1708 ..54, 8 mm □

43 r.h. | 53 l.h.

- Aluminium

Privacy sets also available  
without indicator.  
Item Nos. 17.. ..85 (6 mm □)  
or 17.. ..55 (8 mm □).

## WC furniture for special requirements

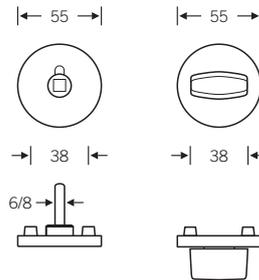


1732 0054

- Aluminium
- AluGrey
- Stainless steel

Spindle 8 mm □

Through fixing

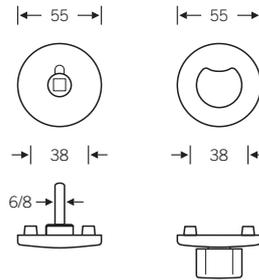


1735 7684 6 mm □

Subroses with lugs:  
1735 7654, 8 mm □

- Aluminium
- AluGrey
- Stainless steel

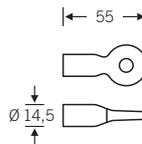
4b



1708 7684 6 mm □

Subroses with lugs:  
1708 7654, 8 mm □

- Aluminium
- AluGrey
- Stainless steel



3464 ....

- Aluminium

3464 0000: 8 mm □

3464 0007: For budget lock roses FSB 3461, 3462 and 3470 with spindle 7 mm □

Enquiries are often received from old people's homes, nursing wards, and indeed child-care centres and schools concerning heavy-duty bathroom furniture with an emergency release on the outside. An FSB set devised for such special circumstances features a chunky, extra-large thumb-

turn on the inside that can be safely operated by all hands small, tremulous, or frail. This fitting is connected to a rugged emergency release on the outside that can be opened, by authorised persons only, even if resistance is put up on the inside.

WC furniture can also be combined with backplates. Please send your requests.

## Cut backplates + roses



Architectural trends such as those advocating that technical or design elements be kept as flush as possible have really enlivened demand for cut backplates.

FSB disposes over leading-edge laser production technology allowing it to manufacture almost any shape that can be represented as a vectorised file and is not larger than 1200 x 2500 mm in size as a cut backplate. You will find a selection of minimalist backplates and roses as a starting point here which – so we believe – adhere very closely to the trend alluded to above on account of their being just 3 or 5 mm thick respectively and 35 mm wide but which are nevertheless merely intended as initial suggestions. FSB additionally offers to supply cut backplates in custom designs. Please note the technical information on Page 155 when ordering.

When ordering custom designs, please first send us a dimensioned drawing. We will then furnish you with a counterdrawing for verification purposes together with a price quote.

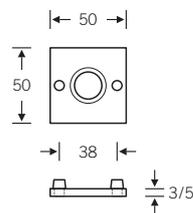
FSB supplies cut backplates and roses either with

- visible fixing on both sides or else
- visible or concealed fixing on one side (concealed fixing by means of weld-on threaded bushings that double up as reinforcement lugs)

The means of support for the handle can be “loose” or “non-detachable” and involves an injection-moulded sliding bearing made of glass-fibre reinforced plastic. Backplates and roses 3 mm thick are furnished with a spacer ring in solid stainless steel in the process. Where common door thicknesses are concerned, corresponding use can be made of the FSB Stabil-spindle (cf. p. 545) for these variants.

Custom Stabil-spindle variants are available to order for non-standard door thicknesses. Our inhouse sales service will readily answer any questions you may have on this subject.

# Cut roses



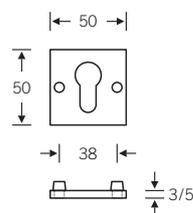
1795 ..

■ Stainless steel

With lugs in Stainless steel

Fig.:  
3 mm thick, visible fixing on both sides, with stainless steel spacer ring

Furniture may incorporate non-detachable lever handles; please indicate FSB model required when ordering.



1796 ..

■ Stainless steel

With lugs in Stainless steel

Fig.:  
3 mm thick, concealed fixing on one side, perforation for Europrofile cylinder

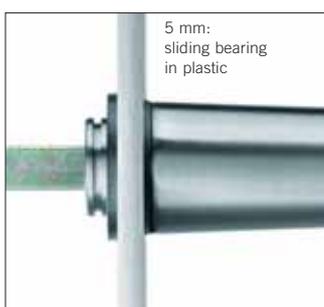
01 = 3 mm | 11 = 5 mm  
visible fixing on both sides

02 = 3 mm | 12 = 5 mm  
concealed fixing on one side

Mounting holes 38 mm

Chamfered corners

4b

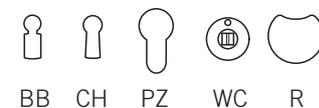


### Fixing methods:

concealed fixing on one side by means of weld-on stainless steel threaded bushings on the reverse face that also act as reinforcements, stainless steel recessed head screws.

visible fixing on both sides by means of stainless steel recessed head screws

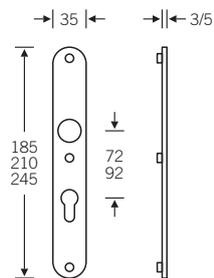
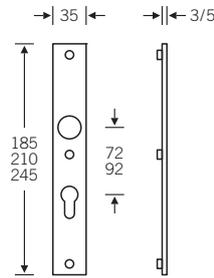
### Keyholes and Bathroom/WC version



# Cut backplates



Fig. above:  
5 mm thick, visible fixing on both sides, lever bearing in glass-fibre reinforced plastic



1454 ..

Rectangular, 35 x 185 mm

1456 ..

Rectangular, 35 x 210 mm

1458 ..

Rectangular, 35 x 245 mm

1455 ..

Round, 35 x 185 mm

1457 ..

Round, 35 x 210 mm

1459 ..

Round, 35 x 245 mm

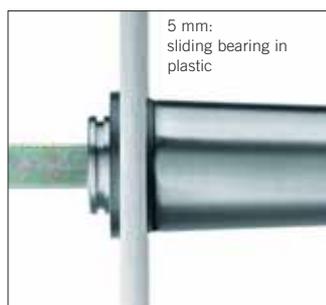
■ Stainless steel

With lugs in Stainless steel

01.. = 3 mm | 11.. = 5 mm  
visible fixing on both sides

02.. = 3 mm | 12.. = 5 mm  
concealed fixing on one side

Fig. left:  
3 mm thick, concealed fixing on one side, with stainless steel spacer ring

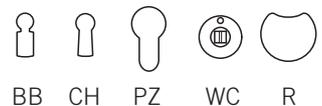


## Fixing methods:

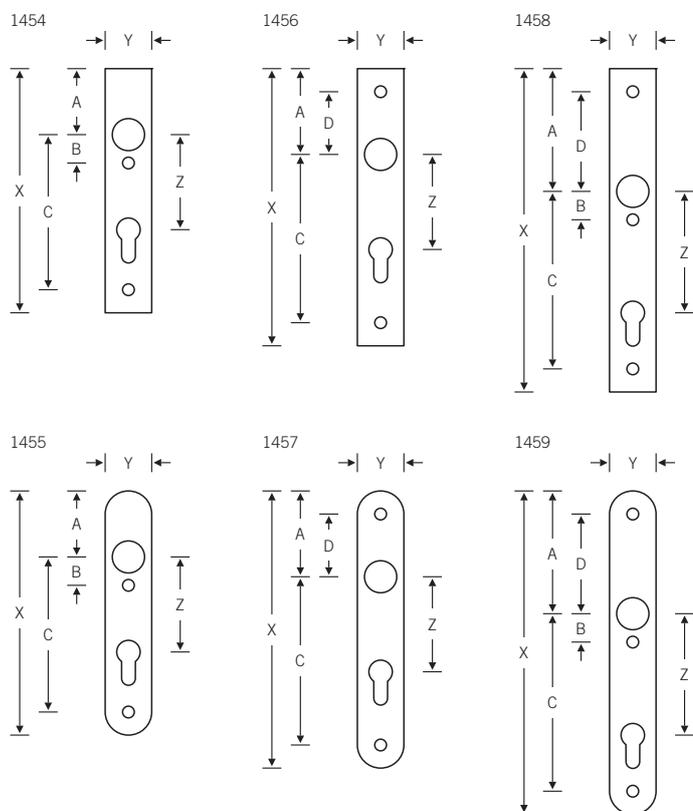
Concealed fixing on one side by means of weld-on stainless steel threaded bushings on the reverse face that also act as reinforcements, stainless steel recessed head screws.

Visible fixing on both sides by means of stainless steel recessed head screws.

## Keyholes and Bathroom/WC version



# Fax sheet for customised cut backplates to special order



1454  
1456  
1458

■ Stainless steel

With lugs in Stainless steel

1455  
1457  
1459

■ Stainless steel

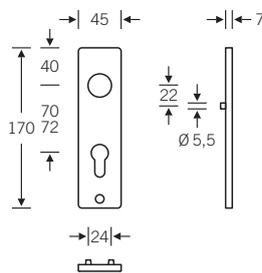
With lugs in Stainless steel

4b

	1454	1456	1458	1455	1457	1459
Plate thickness	<input type="checkbox"/> 3 mm <input type="checkbox"/> 5 mm					
Length X						
Width Y						
Dimension A						
Dimension B						
Dimension C						
Dimension D						
Centres Z						
Keyway						
Fixing (visibility)	<input type="checkbox"/> face <input type="checkbox"/> both sides					
Bearings	<input type="checkbox"/> loose <input type="checkbox"/> inseparable*					

\* only for visible face fixing

# Backplates

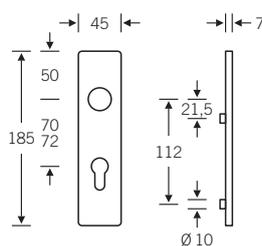


1402

- Aluminium
- Stainless steel

Distance 70 + 72 mm  
visible fixing

Fixing template: FSB 0453,  
cf. page 572

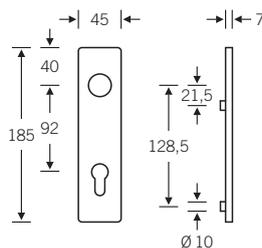


1450 03

- Aluminium
- AluGrey
- Stainless steel
- Bronze

Distance 70 + 72 mm  
concealed fixing

Fixing template: FSB 0477,  
cf. page 578



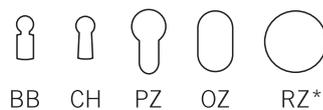
1452 03

- Aluminium
- AluGrey
- Stainless steel
- Bronze

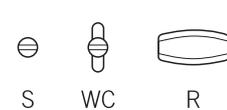
Distance 92 mm  
visible fixing

Fixing template: FSB 0469,  
cf. page 578

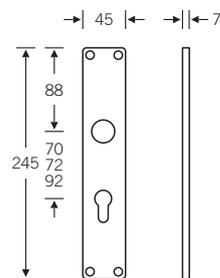
Keyholes



Bathroom/WC version



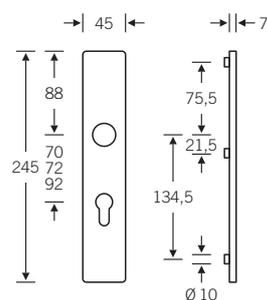
# Backplates



## 1410

- Aluminium
- Stainless steel

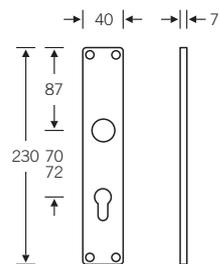
Distance 70, 72 + 92 mm  
visible fixing



## 1410 03

- Aluminium
- AluGrey
- Stainless steel
- Bronze

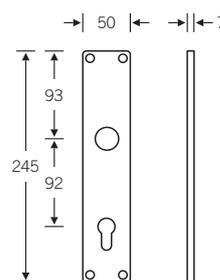
Distance 70, 72 + 92 mm  
concealed fixing  
Fixing template: FSB 0476,  
cf. page 579



## 1407

- Aluminium

Distance 70 + 72 mm  
visible fixing



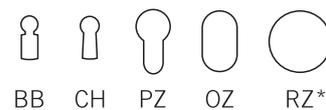
## 1445

- Aluminium

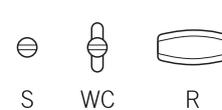
Distance 92 mm  
visible fixing

\* except FSB 14.. 03

### Keyholes

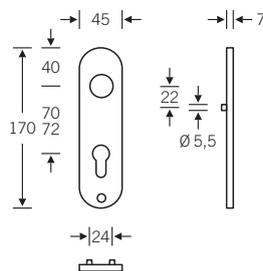


### Bathroom/WC version



4b

# Backplates

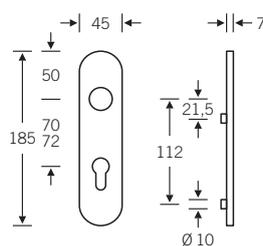


**1415**

- Aluminium
- Stainless steel

Distance 70 + 72 mm  
visible fixing

Fixing template: FSB 0453,  
cf. page 572

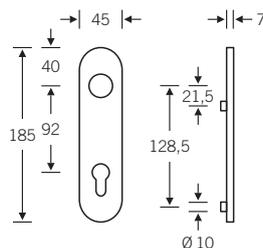


**1451 03**

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass

Distance 70 + 72 mm  
visible fixing

Fixing template: FSB 0477,  
cf. page 578



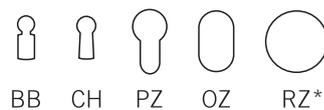
**1453 03**

- Aluminium
- Stainless steel
- Bronze

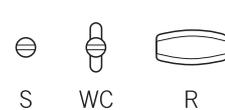
Distance 92 mm  
concealed fixing

Fixing template: FSB 0469,  
cf. page 578

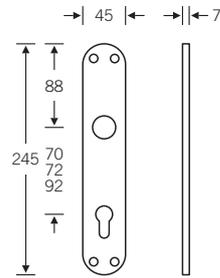
Keyholes



Bathroom/WC version



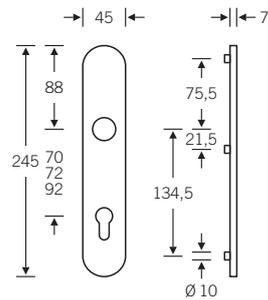
# Backplates



## 1418

- Aluminium
- Stainless steel

Distance 70, 72 + 92 mm  
visible fixing



## 1418 03

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass

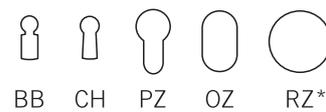
Distance 70, 72 + 92 mm  
concealed fixing

Fixing template: FSB 0476,  
cf. page 579

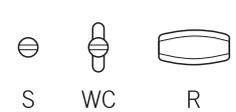
4b

\* except FSB 14.. 03

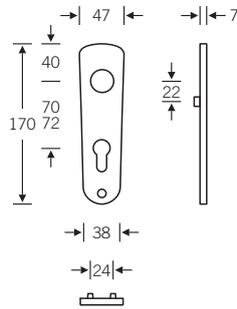
### Keyholes



### Bathroom/WC version



# Backplates



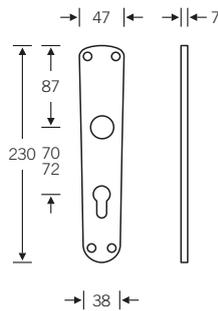
1431

Aluminium

Distance 70 + 72 mm

Design: Johannes Potente

Fixing template: FSB 0453, cf. page 572



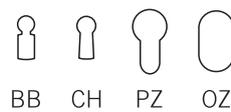
1436

Aluminium

Distance 70 + 72 mm

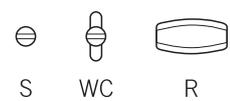
Design: Johannes Potente

## Keyholes



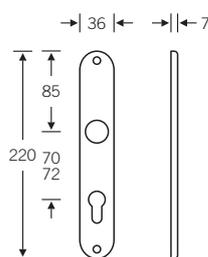
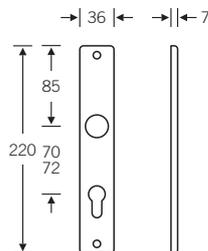
BB CH PZ OZ

## Bathroom/WC version



S WC R

# Backplates



1416

- Aluminium
- Stainless steel

Distance 70 + 72 mm

1417

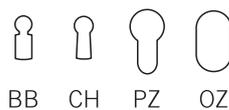
- Aluminium
- Stainless steel

Distance 70 + 72 mm

4b

With backplates series 1416 and 1417 FSB wants to suggest, whether lever handles shouldn't be sometimes combined with narrow backplates. Less, often is more.

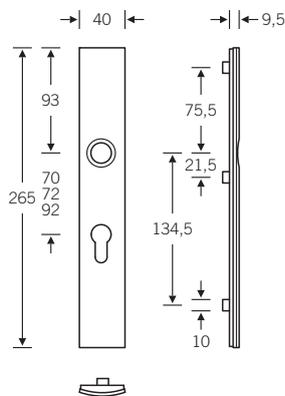
Keyholes



Bathroom/WC version



# Backplates



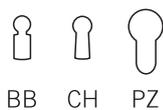
1432

■ Stainless steel

Distance 70, 72 + 92 mm

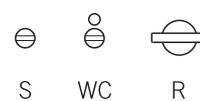
It's a few years back now that Hartmut Weise presented the market with arching roses as an alternative to the angular design of flat roses. He has now followed up with a slightly arching backplate in stainless steel that rests on a plastic base so as to seemingly hover on the door.

Keyholes



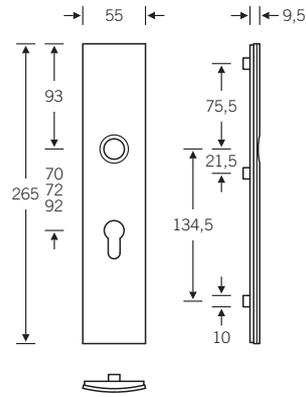
BB CH PZ

Bathroom/WC version



S WC R

# Renovation backplate



## 1433

- Aluminium
- AluGrey
- Stainless steel

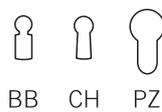
Distance 70, 72 + 92 mm

1433 is the larger equivalent of the familiar 1432 backplate by Hartmut Weise. Especially developed for renovation work, it measures 55 mm across and is hence ideal for covering over traces of the previous fitting.

Set off by a black base, this slightly curving backplate for invisible fixing to doors somehow appears to "hover" in space.

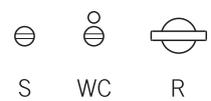
4b

### Keyholes



BB CH PZ

### Bathroom/WC version



S WC R

Square backplates  
Radius corners 12 mm

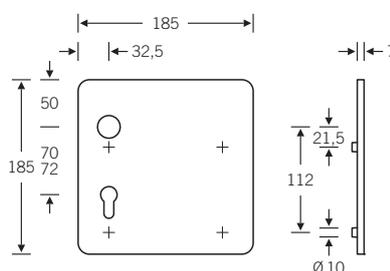


1483 03

- Aluminium
- AluGrey
- Stainless steel

Radius corners 12 mm  
Distance 70 + 72 mm

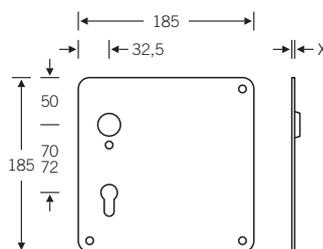
Fixing template: FSB 0478,  
cf. page 579



1485 01

- Aluminium (X = 3 mm)
- Stainless steel (X = 2 mm)

Radius corners 12 mm  
Distance 70 + 72 mm



Square backplates

The FSB backplate programme embraces items for both concealed and visible fixing, radiused corners or square corners. In the lever handle section of this Manual these backplates have been allotted to specific lever handle designs.

In addition FSB offers 'nibbled' or laser cut customized backplates for visible fixing. Please send dimensioned drawings. We will submit our own drawings and a quote by return.

Square backplates  
Radius corners 4 mm

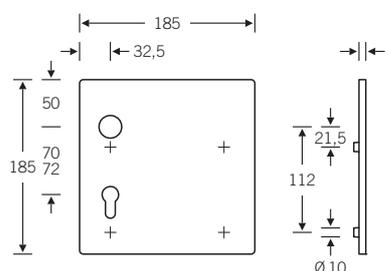


1488 03

- Aluminium
- AluGrey
- Stainless steel

Radius corners 4 mm  
Distance 70 + 72 mm

Fixing template: FSB 0478,  
cf. page 579



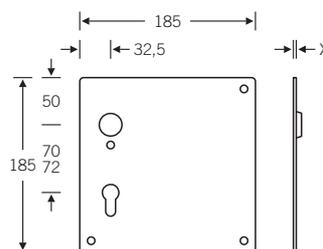
4b



1486 01

- Aluminium (X = 3 mm)
- Stainless steel (X = 2 mm)

Radius corners 4 mm  
Distance 70 + 72 mm



\* except FSB 14.. 03

Keyholes

Bathroom/WC version

