

Roses Backplates

3b

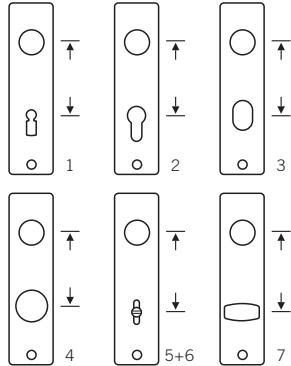
Technical information	132
Overview	133
Roses	134
Roses with spring mechanism	135
Indicating furniture	136
WC furnitures for special requirements	137
Flush roses	138
LED roses	139
Cut backplates	140
Backplates	143
Square backplates	152

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

Keyholes

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

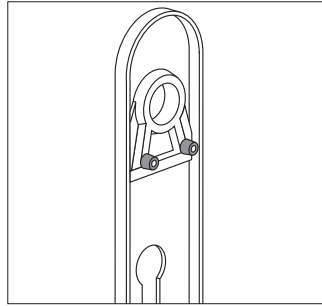
Keyhole spacing

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:



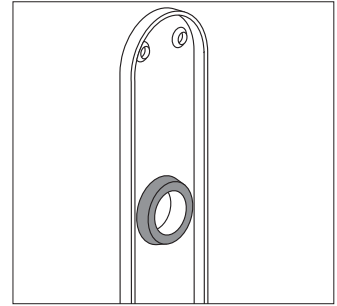
S WC R
Bathroom/WC version

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.



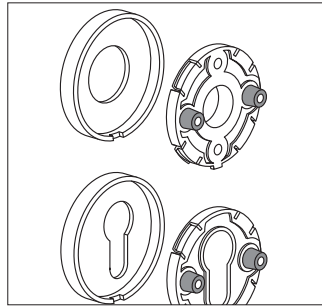
Standard short backplates with visible screws

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.

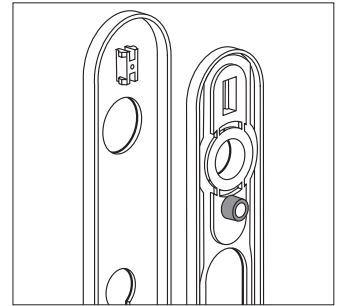


Roses with concealed fixing

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

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.



Backplates and squareplates with concealed fixing

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

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 06107

- Aluminium ■ Bronze
- AluGrey ■ Brass
- Stainless steel

Overview



1707|1708, 1708 54 ■ ■ ■ ■ ■
Pages 134, 136, 252

1731|1735, 1735 54 ■ ■ ■ ■ ■ ●
Pages 134, 136, 27, 251

1707 2111, 1731 2111 ■ ■ ■ ■ ■
Seite 135



7201 ■ ■ ■ ■ ■ ●
Page 138

1732 0054 ■ ■ ■ ■ ■
Page 137

1723 ■ ■ ■ ■ ■ ●
Pages 139, 265

1758|1757, 1718|1719, 1726, 1776, 1729, 1768, 1752|1755 ■ ■ ■ ■ ■
Page 282



1402 ■ ■ ■ ■ ■
Page 144

1410 ■ ■ ■ ■ ■
Page 145

1415 ■ ■ ■ ■ ■
Page 146

1418 ■ ■ ■ ■ ■ ■
Pages 147, 253

1416 ■ ■ ■ ■ ■
Page 148

1417 ■ ■ ■ ■ ■
Page 149

1431 ■ ■ ■ ■ ■
Page 143

1432 ■ ■ ■ ■ ■
Page 150

1433 ■ ■ ■ ■ ■
Page 151



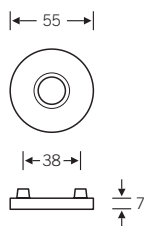
1454 – 1459 ■ ■ ■ ■ ■ ●
Pages 140, 272

1795|1796 ■ ■ ■ ■ ■ ●
Pages 142, 274

1483, 1485 ■ ■ ■ ■ ■
Page 152

1486, 1488 ■ ■ ■ ■ ■
Page 153

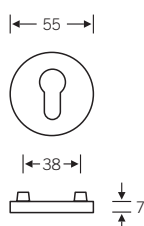
Roses



1731

without lugs 1743

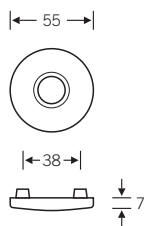
- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



1735

without lugs 1744

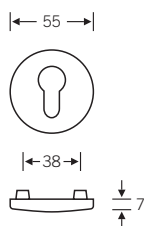
- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



1707

without lugs 1705

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass

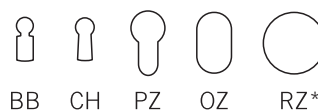


1708

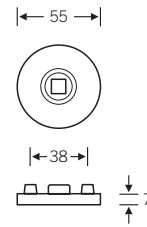
without lugs 1709

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass

Keyholes

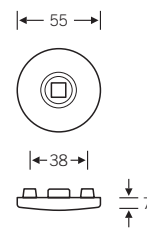


Roses with spring mechanism



1731 2111

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



1707 2111

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



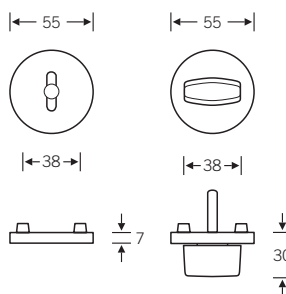
By dint of the coil springs built into their bases to return the handle to the horizontal, FSB roses with positive mechanisms are ideal for the job of modernising doors if, for instance, replacing the old locks would be too laborious or in a situation in which the lock still functions well but the lock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

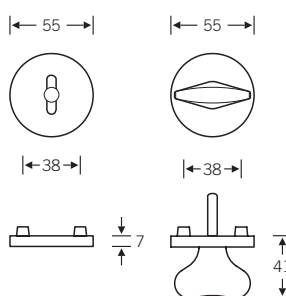
by means of through fixing. Restoration of the carrier plate is ensured by means of coil springs and is infallible as a result. The angle of rotation is 25°. Fitted in conjunction with a set of lever handles, this furniture is indistinguishable from its standard counterpart.

Indicating furniture



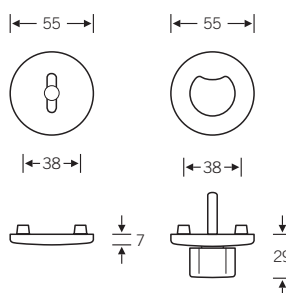
1735 0054
without lugs 1744 0054

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



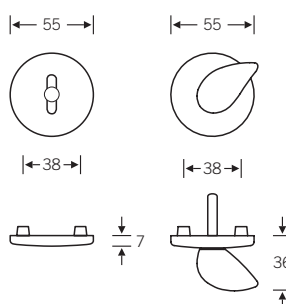
1735 6054
without lugs 1744 6054

- Aluminium
- AluGrey



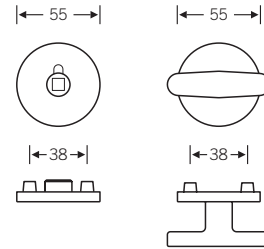
1708 7554
without lugs 1709 7554

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass



1708 ..54
43 r.h. | 53 l.h.
Aluminium

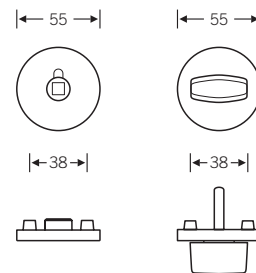
WC furnitures for special requirements



1732 0054

- Aluminium
- AluGrey
- Stainless steel

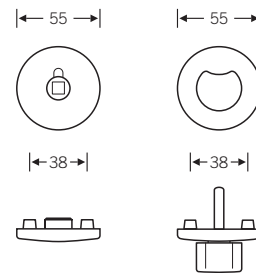
through fixing



1735 7654

without lugs 1744 7654

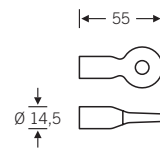
- Aluminium
- AluGrey
- Stainless steel



1708 7654

without lugs 1709 7654

- Aluminium
- AluGrey
- Stainless steel



3464

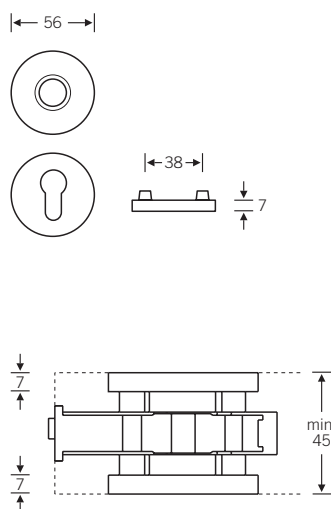
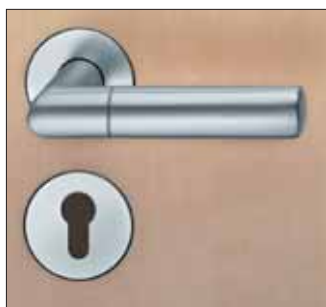
- Aluminium


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.

Flush roses



7201 

7601 

-  Aluminium
-  AluGrey
-  Stainless steel
-  Bronze

- 1310 lever handle furniture
- 1410 entrance door furniture
- 1554 indicating furniture

Less is more: the current architectural tendency to pare down visible materials and structures and to formally integrate technically functional elements is, for instance, manifesting itself in the form of non-rebated doors for main entrances. Comparable innovations are to be found in the most diverse of interior fittings – notable examples being light switches, plug sockets or various products for the door including concealed hinges. FSB has developed a hardware solution to suit this design trend: the flush rose.

The hardware is fitted with FSB's proven AGL compensating bearing and can also be supplied as fire safety furniture. Please note the prerequisites detailed below.

Lever handle sets for flush mounting can only be specified as commercial or fire safety furniture for use in conjunction with roses 1731/1735. When ordering, please only indicate the lever handle model or, in the case of entrance door furniture, the material/finish desired using the product codes for AGL (7201) or, respectively, FS furniture (7601).

Technical prerequisites:

The door must be at least 45 mm thick. With rebated doors, the position of the lock mortise needs to be borne in mind. The recess for the rose needs to be 56 mm in diameter and centred on the lock follower. The recess is to be milled out to a depth of 7 mm. For the

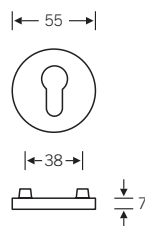
purpose of accommodating the lugs, bore holes 8.5 mm in diameter and at 38 mm centres need to be drilled to a depth of at least 7 mm. The residual material between the bottom of the recess and the lock case is required to be stable and firm enough to ensure secure fastening without any pressure being exerted upon the lock.

Assembly:

The male section of the lever handle furniture is pre-assembled for insertion into the prepared recesses. On the face of the door to which the female section is to be affixed it is first necessary to fit the baseroses.

Additional information on the web at www.fsb.de/flushroses

LED roses



1723

- Aluminium
- AluGrey
- Stainless steel
- Bronze
- Brass

The most compelling product innovations often arise out of the most obvious of ideas. You are sure to be familiar with the following situation from your own experience: you tentatively grope your way towards the door in the dark and then have your work cut out locating the keyhole or handle. There's just got to be a way of getting a handle on this problem, as the saying goes.

Light sets the scene and is at the same time functional: it renders spaces usable and is an excellent means of making it easier to find your way around in them. This applies to no less a degree to LED technology, which makes for completely new levels of miniaturisation. It has been superbly put to effect in our LED roses: these emit a tidy light that will guide you safely and surely to the door by means of a built-in LED.

Our LED roses can be recommended for a great number of applications:

- in various colours they identify spaces with differing functions or point the way to important doors.
- Courtesy of LED roses it's as easy as can be getting to entrances or exits safely in the dark without having to switch on the room lighting.
- They are a discreet aid to orientation on corridors
- LED roses find application wherever low levels of light suffice for a given purpose – as slumber lights in a child's bedroom for instance.
- As a design element, they create nuanced spots of light and unobtrusively liven up entrances and exits in the dark.

A mains transformer is required for power supply purposes that can be ordered separately under product code FSB 1723 9000 8200 (SNT-ELI 0-9 W type).

Up to 10 LED roses can be run off one mains transformer. The mains transformer can be fitted either in the

switch cabinet or in a flush device box. Power can be transmitted to the LED rose in a variety of ways

- via a contact-based current transmitter on the slamming face (eff eff)
- by means of concealed wiring along the door rebate on the pull side (Winkhaus, eff eff)

- or openly (eff eff)
- current carrying hinges (Simonswerk)

The LED rose uses very little power, less than 1W per board.

Keyholes



BB PZ

Blank rose variants can also be supplied.

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 1,200 x 2,500 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 141 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.

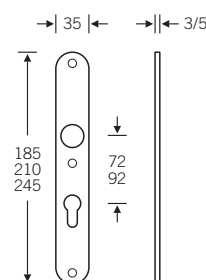
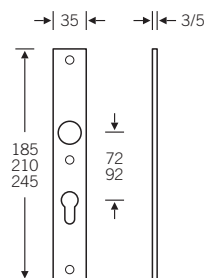
Custom Stabil spindle variants are available to order for non-standard door thicknesses. Our domestic sales service will readily answer any questions you may have on this subject.



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

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

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

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

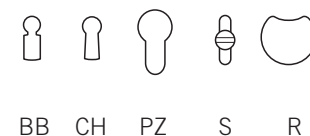


Fixing methods:

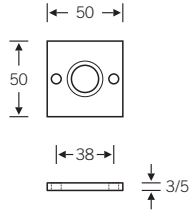
concealed fixing on one side by means of weld-on stainless steel threaded bushings on the reverse face that also act as reinforcements, stainless steel recessed head screws.

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

Keyholes and Bathroom/WC version



Cut roses

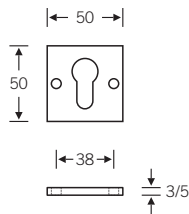


1795

■ 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

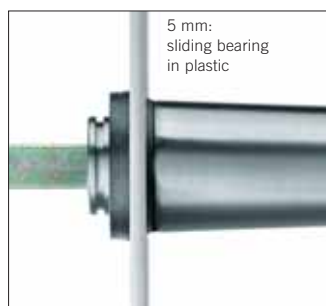
Fig.:
3 mm thick, concealed fixing on one side, perforation for Europrofile cylinder

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

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

centres 38 mm

chamfered corners



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.

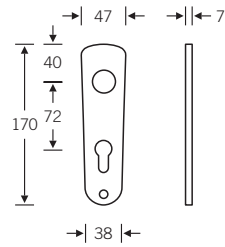
visible fixing on both sides by means of stainless steel recessed head screws

Keyholes and Bathroom/WC version



BB CH PZ S R

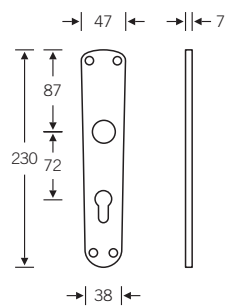
Backplates



1431

■ Aluminium

Distance 72 mm

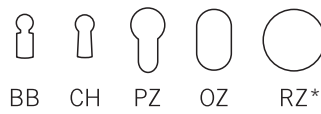


1436

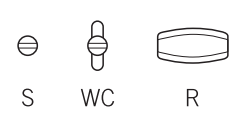
■ Aluminium

Distance 72 mm

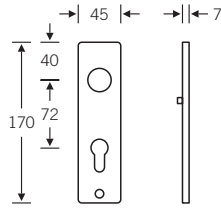
Keyholes



Bathroom/WC version



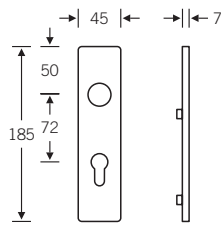
Backplates



1402

- Aluminium
- Stainless steel

Distance 72 mm
visible fixing

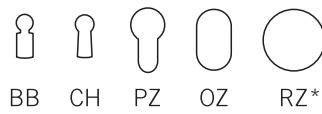


1450 03

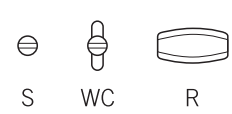
- Aluminium
- AluGrey
- Stainless steel

Distance 72 mm
concealed fixing

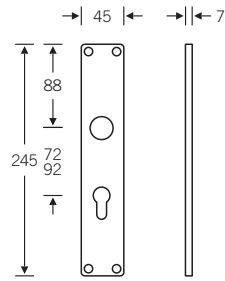
Keyholes



Bathroom/WC version



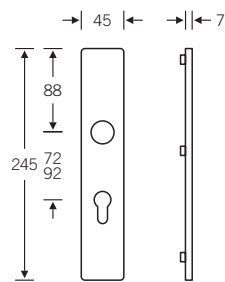
Backplates



1410

- Aluminium
- Stainless steel

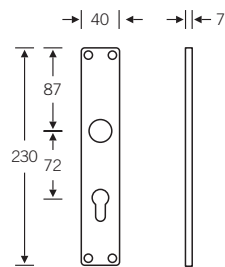
Distance 72 + 92 mm
visible fixing



1410 03

- Aluminium
- AluGrey
- Stainless steel

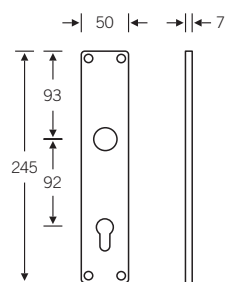
Distance 72 + 92 mm
concealed fixing



1407

- Aluminium

Distance 72 mm
visible fixing



1445

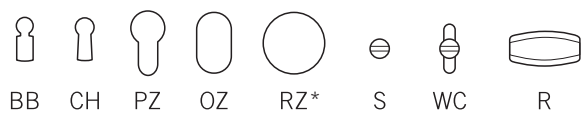
- Aluminium

Distance 92 mm
visible fixing

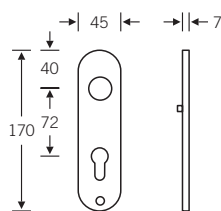
* except FSB 14.. 03

Keyholes

Bathroom/WC version



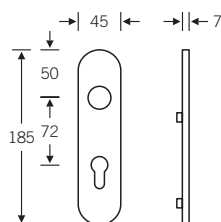
Backplates



1415

- Aluminium
- Stainless steel

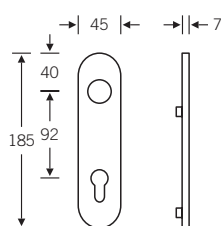
Distance 72 mm
visible fixing



1451 03

- Aluminium
- AluGrey
- Stainless steel

Distance 72 mm
concealed fixing

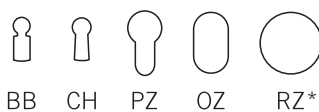


1453 03

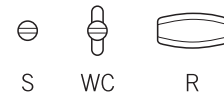
- Aluminium
- Stainless steel

Distance 92 mm
concealed fixing

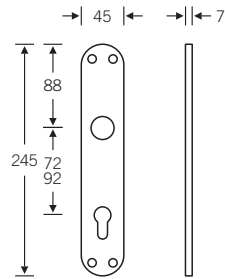
Keyholes



Bathroom/WC version



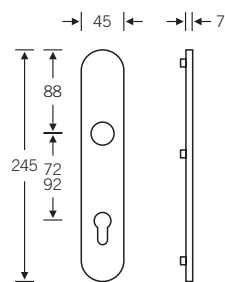
Backplates



1418

- Aluminium
- Stainless steel

Distance 72 + 92 mm
visible fixing



1418 03

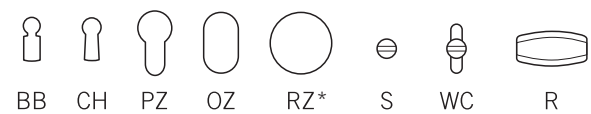
- Aluminium
- AluGrey
- Stainless steel

Distance 72 + 92 mm
concealed fixing

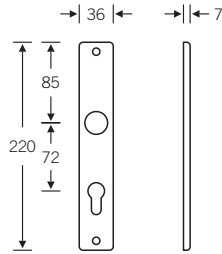
* except FSB 14.. 03

Keyholes

Bathroom/WC version



Backplates

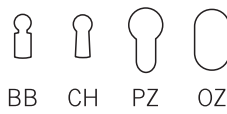


1416

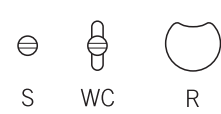
- Aluminium
 - Stainless steel
- Distance 72 mm

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.

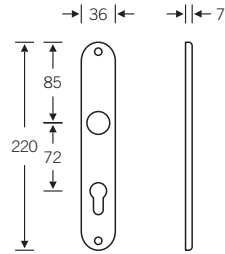
Keyholes



Bathroom/WC version



Backplates

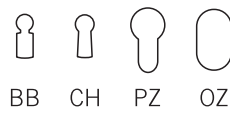


1417

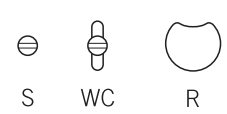
- Aluminium
- Stainless steel

Distance 72 mm

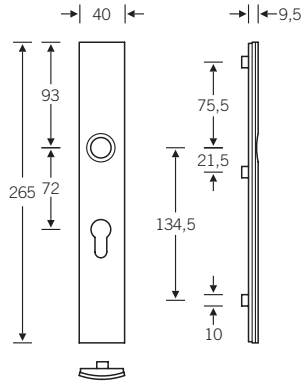
Keyholes



Bathroom/WC version



Backplates



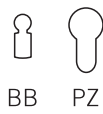
1432

■ Stainless steel

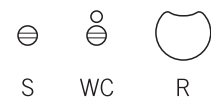
Distance 72 + 92 mm

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.

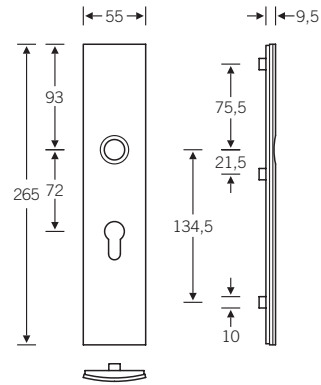
Keyholes



Bathroom/WC version



Renovation backplate



1433

- Aluminium
- Stainless steel

Distance 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.

Keyholes



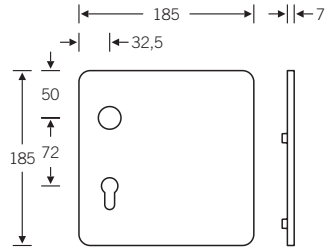
BB PZ

Bathroom/WC version



S WC R

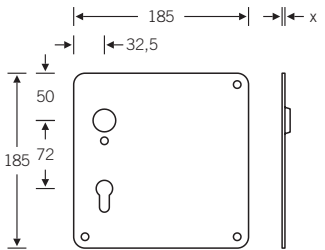
Square backplates
Radius corners 12 mm



1483 03

- Aluminium
- AluGrey
- Stainless steel

Radius corners 12 mm



1485 01

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

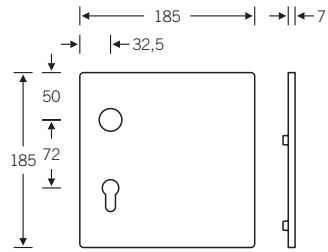
Radius corners 12 mm

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.

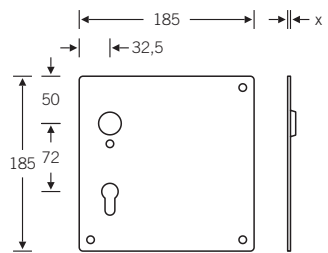
Square backplates
Radius corners 4 mm



1488 03

- Aluminium
- AluGrey
- Stainless steel

Radius corners 4 mm



1486 01

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

Radius corners 4 mm

Keyholes

Bathroom/WC version

* except FSB 14.. 03



