



612 XXL door handles

# XXL door handles

## Added value at a glance

As early as the 1980s, we were collaborating with the experts of the Fraunhofer Institute on the development of lever handles were optimised for use in the health and care sector and provided a convenient and secure grip in equal measure. Now with FSB 1287, we are going a step further: in hospitals and nursing homes, staff literally have their hands full.

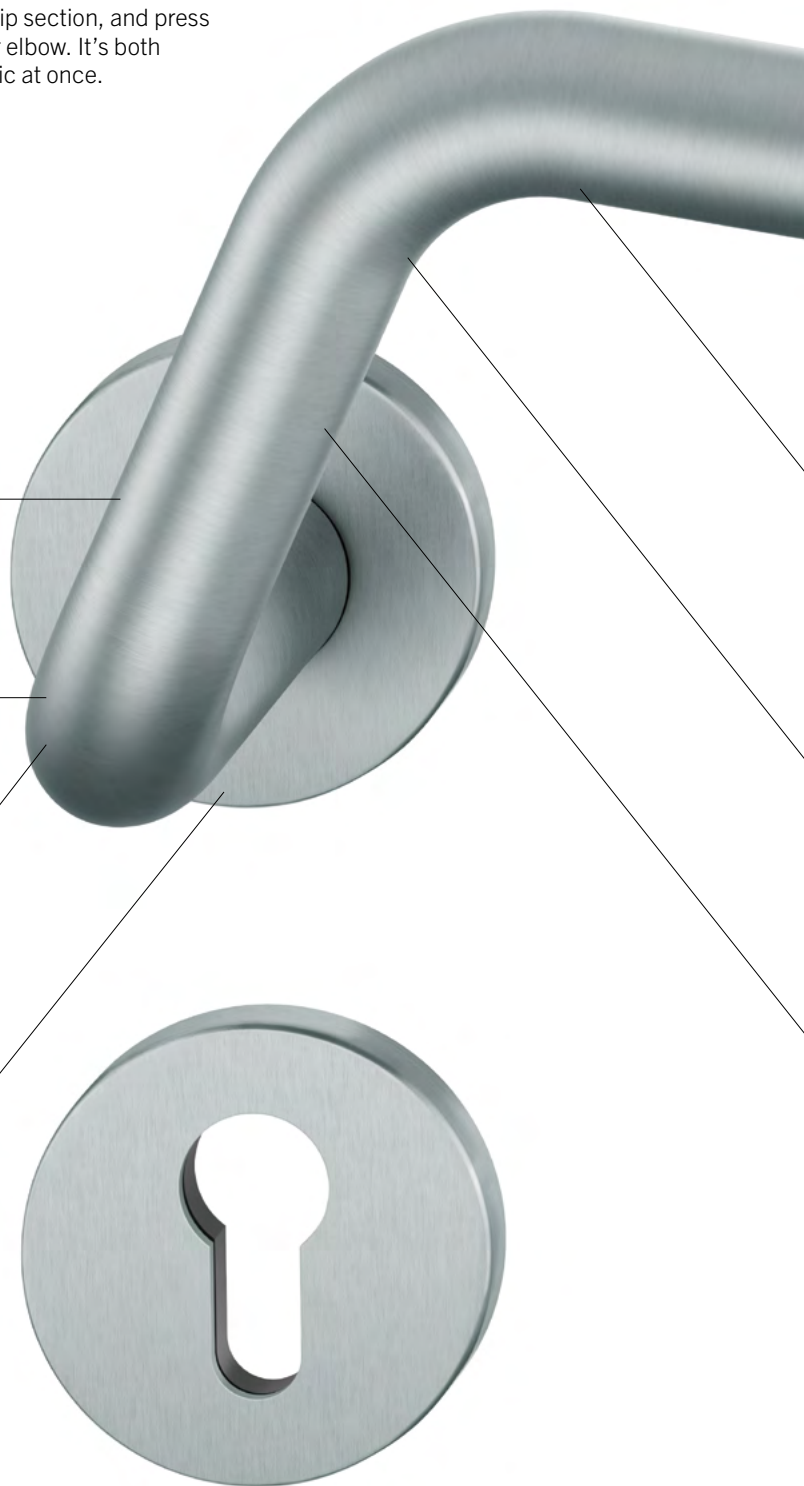
FSB 1287 makes their work easier, when they are holding a tray, for example, and need to open a door at the same time: they simply place their forearm in the door handle, behind the bent grip section, and press down with their wrist or elbow. It's both convenient and hygienic at once.

Hands-free door opener: conveniently open doors with your forearm. Your hands are free for other things – and stay clean.

Equipped with FSB AGL® bearing: with 8, 8.5 or 9 mm square spindle

Retrofitting? No problem: all XXL door handles can be retrofitted at any time, taking technical circumstances into account.

Premium stainless steel alloy: corrosion-resistant and hard-wearing against dents and scratches, as well as withstanding cleaning agents and disinfectants commonly used in hospitals





Ideal for high-traffic doors: for example, for use in hospitals, nursing homes, schools and nursery schools, and other public buildings

Measurements chosen based on the human body: the return-to-door of the FSB 1287 is positioned at an ergonomically optimal height of 111 cm.

Convenient operation from either side

Antibacterial finish: FSB 1287 is delivered with the FSB anti-infection coating (AIC) as standard; this finish is optionally available for all other models as well.

Suitable for heavy-duty applications: for standard, escape-route and fire doors pursuant to EN 179

7d

# XXL door handles

## Overview

■ Aluminium  
■ Stainless steel  
■ Bronze

1090 ■  
Page 618



1117 ■  
Page 618



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Page 619



1119 ■ ■ ■  
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1155 ■  
Page 620



1287 ■  
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97 7099 ■  
Page 622



14 4240 ■ ■  
14 4241 ■ ■  
Page 623





# XXL door handles

FSB 1090 | FSB 1117

- Aluminium
- Stainless steel
- Bronze

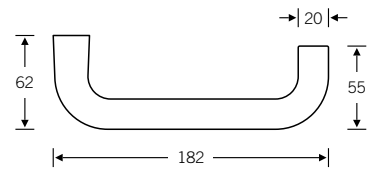
## 1090 ■



Rose variant

🔑 79 1090 613 (R) | 79 1090 614 (L)  
(turnably fixed with 9 mm square spindle)

Design matches FSB 1070 handle collection



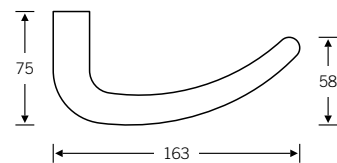
## 1117 ■



Rose variant

🔑 79 1117 613 (R) | 79 1117 614 (L)  
(turnably fixed with 9 mm square spindle)

Design matches FSB 1023 handle collection



🔑 EN 179 model

🔑 FSB ASL®  
 🔑 FSB AGL®  
 🔑 FS heavy-duty fitting  
 🔑 EN 179 heavy-duty fitting  
 For bearings, see page 52 ff.

# XXL door handles

## FSB 1118 | FSB 1119

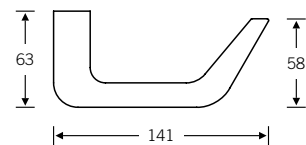
■ Aluminium  
■ Stainless steel  
■ Bronze

1118 ■



Rose variant

- 🔑 72 1118 613 (R) | 72 1118 614 (L)  
 (turnably fixed with 8 mm square spindle)
- 🔑 79 1118 613 (R) | 79 1118 614 (L)  
 (turnably fixed with 9 mm square spindle)
- 🔑 79 1118 713 (R) | 79 1118 714 (L)  
 (turnably fixed with 8.5 mm square spindle)

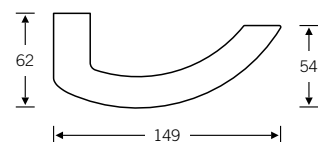


1119 ■ ■ ■



Rose variant

- 🔑 12 1119 013  
 (turnably fixed with 8 mm square spindle)
- 🔑 72 1119 613 (R) | 72 1119 614 (L)  
 (turnably fixed with 8 mm square spindle)
- 🔑 79 1119 613 (R) | 79 1119 614 (L)  
 (turnably fixed with 9 mm square spindle)



🔑 EN 179 model

🔑 FSB ASL®  
🔑 FSB AGL®  
🔑 FS heavy-duty fitting  
🔑 EN 179 heavy-duty fitting  
 For bearings, see page 52 ff.

7d



# XXL door handles

## FSB 1155

■ Aluminium  
■ Stainless steel  
■ Bronze

### 1155 ■

FSB 1155 incorporates insights gained by FSB in cooperation with the Fraunhofer Institute during scientific analyses conducted in the 1980s on the design of a lever handle for large-leaf doors in hospitals. In the KARMIN project, the multipurpose FSB 1155 lever handle was selected in 2017 for the first infection prevention patient room.

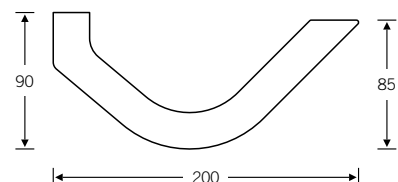
The KARMIN project (the name of which is an acronym composed of the German words for hospital, architecture, microbiome and infection) is an initiative of the German Federal Ministry of Education and Research. Affiliated partners include the Technical University of Braunschweig, the Charité – Universitätsmedizin Berlin and the Jena University Hospital, along with the Septomics Research Group and Röhl GmbH.

#### Rose variant

- ↻ 72 1155 613 (R) | 72 1155 614 (L)  
(turnably fixed with 8 mm square spindle)
- ↻ 79 1155 613 (R) | 79 1155 614 (L)  
(turnably fixed with 9 mm square spindle)

#### Main benefits at a glance:

- Triangular orientation matches the user's direction of movement
- Angular shape accommodates the sequence of movements when opening and closing the door
- Curve and cross-section match the hollow space created in the hand as it closes to grip
- Left/right alignment provides a firm hold if elbows are used to operate the door



↻ EN 179 model

↻ FSB ASL®  
↻ FSB AGL®  
↻ FS heavy-duty fitting  
↻ EN 179 heavy-duty fitting  
For bearings, see page 52 ff.

# XXL door handles

## FSB 1287

■ Aluminium  
■ Stainless steel  
■ Bronze

1287 ■



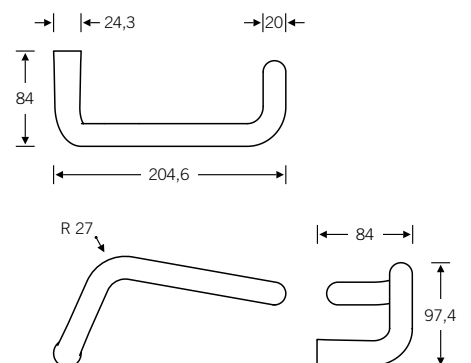
Rose variant

- ↻ 72 1287 613 (R) | 72 1287 614 (L)  
(turnably fixed with 8 mm square spindle)
- ↻ 72 1287 713 (R) | 72 1287 714 (L)  
(turnably fixed with 8.5 mm square spindle)
- ↻ 79 1287 613 (R) | 79 1287 614 (L)  
(turnably fixed with 9 mm square spindle)
- ↻ 79 1287 713 (R) | 79 1287 714 (L)  
(turnably fixed with 8.5 mm square spindle)

Main benefits at a glance:

- Delivered with FSB anti-infection coating (AIC) as standard
- Hands-free door opener: operated with the forearm
- Return-to-door is positioned at the ergonomically optimal height of 111 cm
- Universal design

7d



Design: Markus Michalski,  
Michael Schmidt

↻ EN 179 model

↻ FSB ASL®  
↻ FSB AGL®  
↻ FS heavy-duty fitting  
↻ EN 179 heavy-duty fitting  
For bearings, see page 52 ff.

# XXL door handles

FSB 97 7099

■ Aluminium  
■ Stainless steel  
■ Bronze

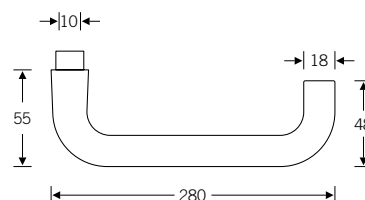
97 7099 ■

Rose variant

↻ 97 7099 00116  
(turnably fixed with 10 mm square spindle)

Main benefits at a glance:

- 280 mm long
- For high-traffic doors, especially in hospitals and nursing homes
- 10 mm square spindle for perfect stability



↻ EN 179 model

↻ FSB ASL®  
↻ FSB AGL®  
↻ FS heavy-duty fitting  
↻ EN 179 heavy-duty fitting  
For bearings, see page 52 ff.

# XXL door handles

## Barrier-free fitting

■ Aluminium  
■ Stainless steel  
■ Bronze



Illustrative example featuring FSB 1119

14 4240 ■ ■

Standard variant:

- ↻ 14 4240 14...  
 (DIN RH, opening inwards, square spindle 8 mm)
  - ↻ 14 4240 15...  
 (DIN LH, opening inwards, square spindle 8 mm)
  - ↻ 14 4240 61...  
 (DIN RH, opening inwards, square spindle 9 mm)
  - ↻ 14 4240 71...  
 (DIN LH, opening inwards, square spindle 9 mm)
- FS approval under DIN 18273

Centres 72 mm (WC 78 mm)  
 concealed fixing on both sides, suitable for locks pursuant to DIN 18251, meets DIN 18040-1 (handle height 850 mm)

Routing work performed on existing fire and smoke control doors in preparation for installing barrier-free fittings renders the door's fire-safety status void. Please consult the door maker on whether there is fire-safety approval for installing barrier-free fittings on the door concerned or whether an exception can be made in this case.

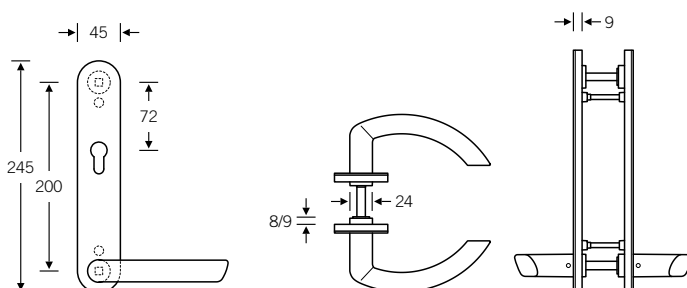
The square spindle for the handle is connected to the upper square spindle serving to operate the lock follower by means of a rod. When the handle is operated, the rod turns the upper spindle in the lock follower, thus releasing the latch bolt.

M5 stainless steel screws are included in the scope of delivery depending on the door thickness.

Main benefits at a glance:

- Easy operation by wheelchair users
- Keys can be inserted more easily because the cylinder is located above the door handle
- Easy refit: renovation variant (width 55 mm) covers existing drill holes
- Rugged mechanism integrated, which allows the lever handle to be positioned beneath the cylinder

Standard variant 14 4240



Order details required:

- Door thickness
- DIN handing, opening inwards
- Square spindle 8 or 9 mm
- Centres of lock cylinder
- Door handle model

Other keyways (see page 387) and centres are available upon request.

- ↻ FSB ASL®
  - ↻ FSB AGL®
  - ↻ FS heavy-duty fitting
  - ↻ EN 179 heavy-duty fitting
- For bearings, see page 52 ff.