



- 394 Plug-in handles for doors
- 406 Fittings for windows
- 462 Fittings for narrow-stile doors
- 496 Fittings for glass doors
- 530 Flush-fitted hardware

Whether you need a plug-in handle with minimalist rose, an in-line or cranked narrow-stile door handle, a lockable window handle or flush-fitted hardware with a recessed rose, with the FSB range you really do have everything within your grasp. The sheer number of different variants and designs ensures that every desired ambiance and every functional requirement find the optimal solution. (Pictured: FSB 1244 lever handle with WC roses)

Project: Family home, Gütersloh
Architectural firm: Heitmann Architekten



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Plug-in handles for doors

Added value at a glance

Uniquely minimalist: our plug-in handles for doors exude an understated elegance with their minimalist, barely-there roses. Wherever 'less is more' and striking design takes priority, these handles come to the fore with their excellent qualities, both aesthetic and functional.

This plug-in handle is a continuation of the concept that was first brought to life in the form of our plug-in handles for windows – a design that won the Iconic Award 2019 Innovative Interior. This continuity of design is unique on the market and brings with it a large selection of different handle models in aluminium, stainless steel and bronze.

Handle rose with a diameter of 30 mm and depth of 2 mm; concealed fixing

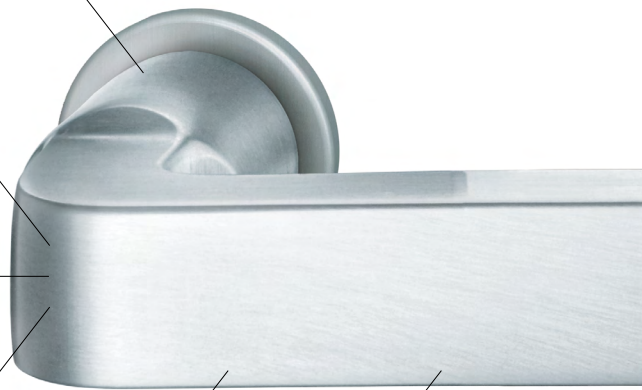
Quick installation of female handles thanks to adaptor system

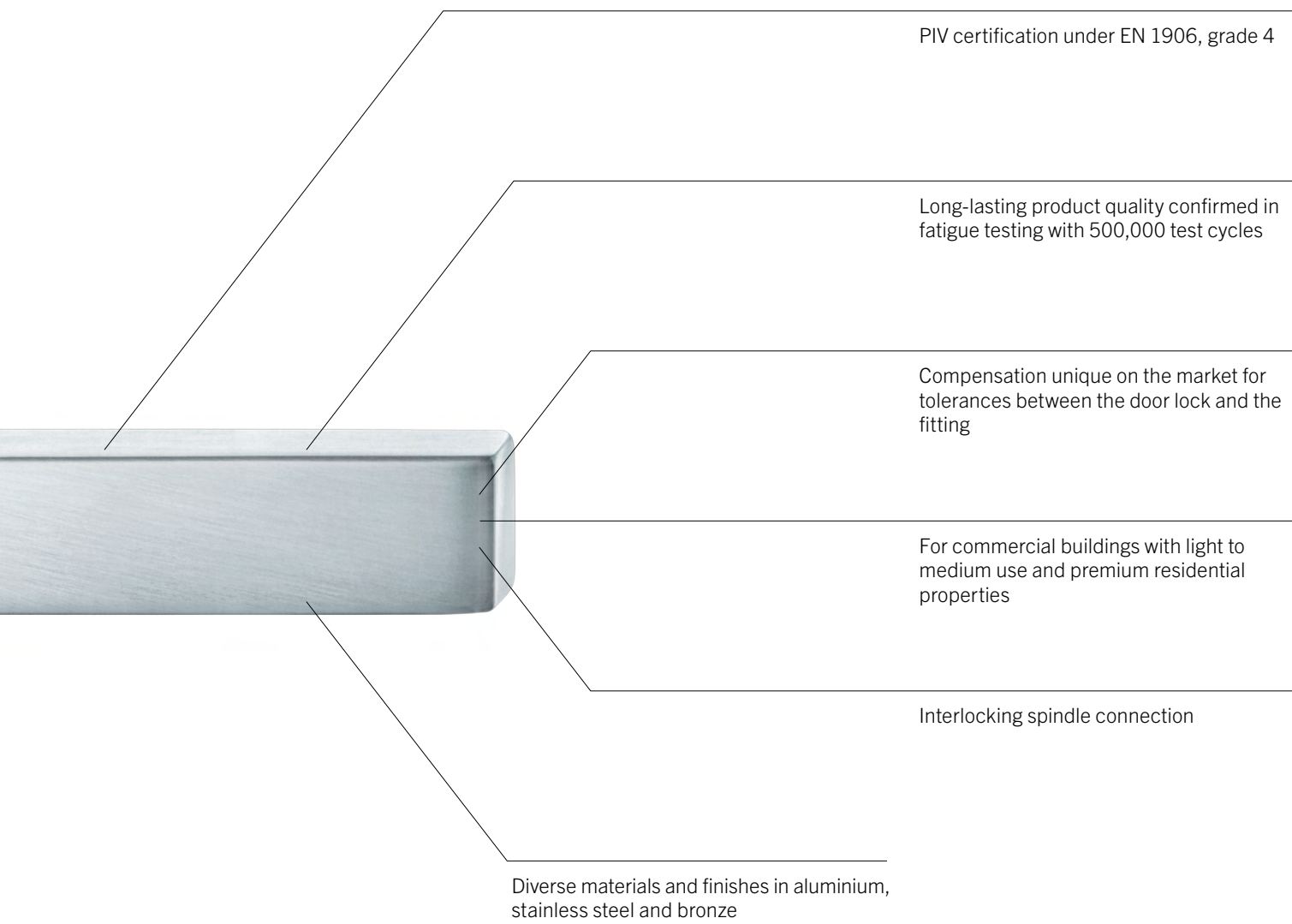
Approx. 40 different door handle models to suit every style and taste (approx. 30 models also available as plug-in handles for windows; see page 414 ff.)

With and without key rose (WL, PC, WC)

Variable adaptation to door thicknesses 39–68 mm

Full spindle 7, 8 and 8.5 mm





PIV certification under EN 1906, grade 4

Long-lasting product quality confirmed in fatigue testing with 500,000 test cycles

Compensation unique on the market for tolerances between the door lock and the fitting

For commercial buildings with light to medium use and premium residential properties

Interlocking spindle connection

Diverse materials and finishes in aluminium, stainless steel and bronze

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Plug-in handles for doors

Product variants

The plug-in handles for doors are available with warded lock (WL), profile cylinder (PC) or WC roses as well as without an additional key rose. The variants are presented on these two pages, using the FSB 1004 model as an example. All of the models shown on pages 400–401 are available in these variants.

Dimensioned drawings of the individual door handle designs shown on pages 400–401 can be found starting on page 76 ff.

Lever/lever set with WL rose

Lever/lever set with PC rose

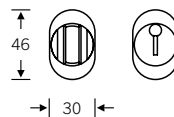
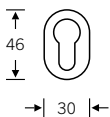
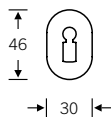
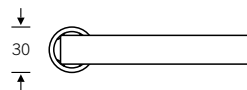
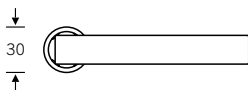
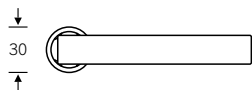
Lever/lever set with WC rose



- ⇨ 15 01306 (spindle 7 mm)
- ⇨ 15 01302 (spindle 8 mm)
- ⇨ 15 01304 (spindle 8.5 mm)

- ⇨ 15 01316 (spindle 7 mm)
- ⇨ 15 01310 (spindle 8 mm)
- ⇨ 15 01311 (spindle 8.5 mm)

- ⇨ 15 01984 (spindle 7/6 mm)
- ⇨ 15 01954 (spindle 8/8 mm)
- ⇨ 15 01988 (spindle 8.5/7 mm)
- ⇨ 15 01974 (spindle 8/6 mm)

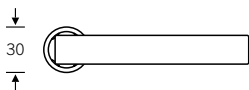


**Lever/lever set
without key rose**



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- ⇨ 15 01322 (spindle 7 mm)
- ⇨ 15 01320 (spindle 8 mm)
- ⇨ 15 01321 (spindle 8.5 mm)



Plug-in handles for doors


Overview

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403 **Technical information**
Plug-in handles for doors

Technical information

Plug-in handles for doors conforming to EN 1906

Standard EN 1906 defines the requirements and test methods for door handles and doorknobs. The practical value and classification of fittings must be judged across the entire eight-digit grading system.

Perfection down to the last detail – our plug-in handles for doors pass with flying colours in each of the eight categories, also known as ‘digits’:

Certification under EN 1906 is only granted once all test criteria and the required results are met.

Classification code

for plug-in handles for doors (product group 15)
for 8 mm square spindle

4	7*	–	0	0	5	0	U
Category of use Grades 1–4	Durability Grades 6/7	Door mass	Fire resistance pursuant to EN 1906 Annex C	Safety Grades 0/1	Corrosion resistance Grade 5	Security Grades 0–4	Type of operation A/B/U

* testing with 500,000 cycles

Technical information

Fixing system for plug-in handles for doors

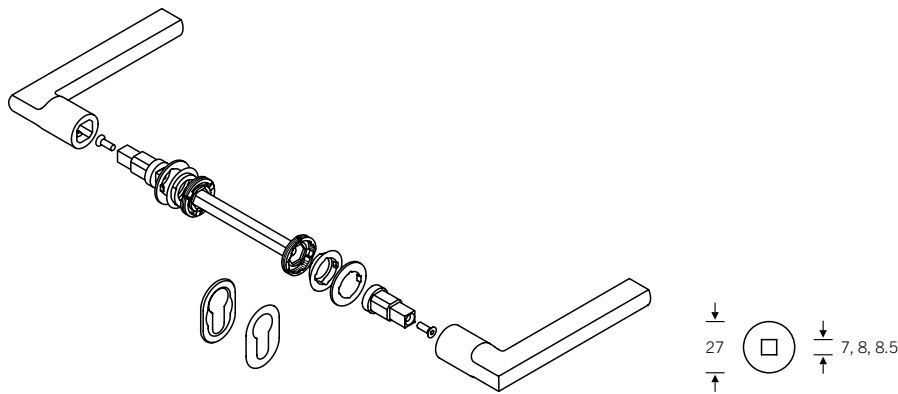
Installing the handle rose

Installing the FSB plug-in handle for doors is easy: first, a hole is created in the door for the clamping roses, which are suitable for a diameter of 26 or 27 mm. The hole can be made using CNC technology or also manually using a hole saw available from FSB (03 0416 01012 5000). The handle rose is then inserted into the hole and clamped using the special tool supplied. Next comes the installation of the square

spindle, which has to go straight through the centre of the hole. The adaptors are placed on the spindle, which is aligned in the lock follower, and tightened with screws until there is no play. The cover roses and plug-in handles can then be installed.

Installing the key roses

The supplementary key roses are adhesive roses that are aligned with a template on the door and then secured with double-sided adhesive tape. The adhesive tape is white for finishes 0105, 0205, 6204 and 6205, and black for finishes 0410, 0510, 0710, 0810 and for dark RAL and bronze tones.



Hole saw 03 0416 01012 5000

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For doors with WL and PC rose

15 **013**..

- ...06 (WL, spindle 7 mm)
- ...02 (WL, spindle 8 mm)
- ...04 (WL, spindle 8.5 mm)
- ...16 (PC, spindle 7 mm)
- ...10 (PC, spindle 8 mm)
- ...11 (PC, spindle 8.5 mm)

For doors without key rose

15 **013**..

- ...22 (spindle 7 mm)
- ...20 (spindle 8 mm)
- ...21 (spindle 8.5 mm)

For doors with WC rose

15 **019**..

- ...84 (spindle 7/6 mm)
- ...54 (spindle 8/8 mm)
- ...88 (spindle 8.5/7 mm)
- ...74 (spindle 8/6 mm)