

Heavy-duty fittings and accessories



When Max Bill joined with Ernst Moeckl to produce his lever-handle blueprint for the Ulm Design College (HfG) in the 1950s, he is sure to have envisaged efficient, rationalised industrial production processes aimed at making “good form” universally affordable and accessible by quasi-democratic means – since this was ultimately the HfG’s remit and raison d’être. Even though robot technology rapidly took off after World War Two, fully automated production methods were not then available to Bill. FSB subsequently democratised the famous handle design at more than just a formal level. Today, FSB 1023 is supplied with the three proven bearing systems FSB ASL®, AGL® and AGL® FH and in no fewer than four different materials and many more finishes/colours, thus ensuring it a (democratic) place in any architecture, interior or budgetary framework.

- 76 Layout of handle pages
- 82 Lever handles and heavy-duty handle ranges

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FSB 1003, Design: Johannes Potente, flush-rose variant, see page 286

For us, door handles are artefacts which we regard as hand tools and whose semantics and symbolism are as comprehensible and universally valid as any craftsman's tools. They are, moreover, mediators at the interface between people and architecture, the latter only being truly graspable via its point of entry. We leave it to architects and clients to answer the question as to the degree to which handles should play a special role as items of accentuating detail. Our product range offers an unparalleled wealth of formal, material and technical options at any rate. It's in your hands.

Product Chart

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1015 ■ ■ ■ ■
Page 96ff.



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Page 100ff.



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Product Chart

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Page 162ff.



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1119 
Page 170ff.



1135 
Page 174f.



1144 
Page 176ff.



1146 
Page 180ff.



1147 
Page 184ff.



1159 
Page 188ff.



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Page 192ff.



1163 
Page 196ff.



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Page 202f.



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<p>1226 ■ ● Page 224f.</p> 	<p>1232 ■ ● Page 226ff.</p> 	<p>1233 ■ ● Page 230f.</p> 	<p>1241 ■ ■ ● Page 232f.</p> 	<p>1242 ■ ● Page 234ff.</p> 
<p>1244 ■ ■ ● Page 238ff.</p> 	<p>1246 ■ ● Page 242ff.</p> 	<p>1250 ■ ● Page 246f.</p> 	<p>1251 ■ ■ ● Page 248f.</p> 	<p>1254 ■ ● Page 250ff.</p> 
<p>1257 ■ ● Page 254ff.</p> 	<p>1259 ■ ● Page 258ff.</p> 	<p>1262 ■ ● Page 262ff.</p> 	<p>XXL and Ergo lever handles ■ ■ ■ Page 640ff.</p> 	

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Layout of handle pages

1 The FSB Product Code system reflects hardware types but is based around a given lever handle's model number. The link cited takes you straight to the digital catalogue, which you can use to generate tender specifications amongst other things. A simplified synopsis of all hardware types is provided on the pages immediately following the range of handles concerned. It sets out all variants most frequently required for planning purposes, including their Product Codes.

2 The roses and backplates illustrated are supplied in combination with the door handles concerned as part of the standard product range, other configurations being available to order.

3 Rundown of the various qualities of heavy-duty bearing for the range of handles concerned:

↪ FSB ASL® (12) adaptor-based bearing
Architectural hardware for all types of building (Fire-safety certificate to EN 1634-1 pending)

↪ AGL® (72) compensating bearing
Heavy-duty hardware for heavy doors and doors subject to heavy traffic

↪ AGL® FS (76) compensating bearing
Heavy-duty hardware as a fire-safety variant to DIN 18 273/EN 1634

↪ AGL® FS (79) compensating bearing
Heavy-duty hardware for emergency exit devices as a fire-safety variant to EN 179

↪ Standard
Hardware consisting of a loose pair of lever handles. Combinable with:

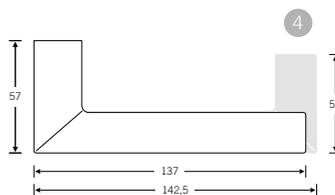
- Cut backplates
- Visibly fixed backplates
- Glass door hardware (without handle roses)
- Security hardware (hardware on inside)
- Flush-fit hardware types

fsb.de/1076 

1

5

It was the architect Robert Mallet-Stevens (1886–1945) who hit upon the idea of splitting a round tube in two and mitring the ends back together again at right angles. His creation is now known as the "Frankfurt model". The handle was rediscovered when the Architecture Museum was built in Frankfurt and it proceeded to take the market by storm.



4

4

EN 179

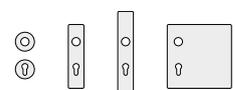
↪ EN 179 model: FSB 1016 | Page 76

Wide-backplate set in Bronze to order

* restrictions for some variants

2

Recommended rose/backplate variants



3



surface-mtd ● ● ● ● ●

flush-fitted* ● ● ●

Bearings information | Page 24 ff.

Glass-door hardware



Standard	●
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here: 13 4224 with 10 1076 | Page 476

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

4	☞ ☜ ☝
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Narrow-door handles



Standard	● ● ●
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09 1076 (in-line) | Page 423
06 1076 (cranked) | Page 422

06 1076 not in Bronze or Brass

	☞ ☜ ☝ ☞
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Door knobs



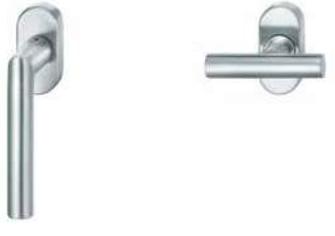
Flush doors	● ● ● ●
Narrow stile doors	● ●

23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443

23 0829 not in Brass

	☞
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Window handles



Rose 27 × 62 × 10	●
Rose 32.5 × 70 × 10	●
Rose 25.5 × 60.5 flush-fit	●
lockable	●

34 1076 09030 | Page 327
34 3403 09030 | Page 347

34 3403 not in Bronze or Brass

6

Additional handle-system hardware:

Parallel slide/tilt fitting 34 1016 012. | Page 359
Lift-and slide door hardware 34 1016 011.. | Page 362
Door pull 66 6514 | Page 534
Door pull 66 6669 | Page 547
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

SSF mortice locks for narrow stile doors with trough-fixing option | Page 412
Barrier-free ErgoSystem® | Page 610ff.

fsb.de/digitalcatalogue 141

NH = non-handed
RH = right-handed under the German DIN standard
LH = left-handed under the German DIN standard
ILF = inactive leaf furniture

In-depth information on FSB bearings can be found on page 24 ff. Please also consult the double-page spread appended to each range for details of variants of hardware types for specific doors or windows.

4 FSB supplies the most extensive range of fittings conforming to EN 179. These “return models” are indicated by means of the number 79 plus their specific model number. In the case of classic (straight) models, the “return” version is marked in grey in the dimensioned drawing and rates as a formal variant. This formal aspect is of relevance both to the dimensions laid down in EN 179 and to the imprint of the architect or designer concerned. FSB includes the following “return” door handle models in its product range as self-standing designs:

- 1016 (based on 1076) | Page 100 ff.
- 1045 (based on 1015) | Page 124 ff.
- 1070 (based on 1075) | Page 134 ff.
- 1119 | Page 170 ff.
- 1146 (based on 1147) | Page 180 ff.
- 1159 | Page 188 ff.
- 1160 | Page 192 ff.
- 1232 | Page 226 ff.

The door/window-specific variants pursuant to EN 179 ☞☜ are detailed separately in the relevant handle-range charts, by contrast.

5 FSB material identifier – this indicates the materials in which models are available. There are restrictions on the choice of materials typically in the case of glass door fittings.

- Aluminium
- Stainless Steel
- Brass
- Bronze

6 In some cases, varying amounts of additional hardware over and above the variants shown on a given double-page spread are listed here.

- stock range
- available to order

Getting a Handle on Architecture

FSB has clocked up quite a tidy sum of projects over the past 130 years and more than that, as well as entering history as mould-breaking buildings – admittedly not just because of the handles used – have been either consciously enhanced by handle designs from FSB or “merely” fitted out

with them. There follows a small cross-section of illustrative examples from the 20th century. Some of the accompanying handle designs are simply shown to stimulate thought, since we feel they would suit the architectural epoch in question rather well – notably if you are planning to reno-

vate buildings from that particular age. If you wish find out (still) more about “Getting a Handle on Architecture”, we will be pleased to send you our publication on the matter – or else you could go straight to fsb.de/architectours, where we have the latest reference projects for you to peruse.



FSB 1015 | Bronze

Mühlheim Town Hall | 1910

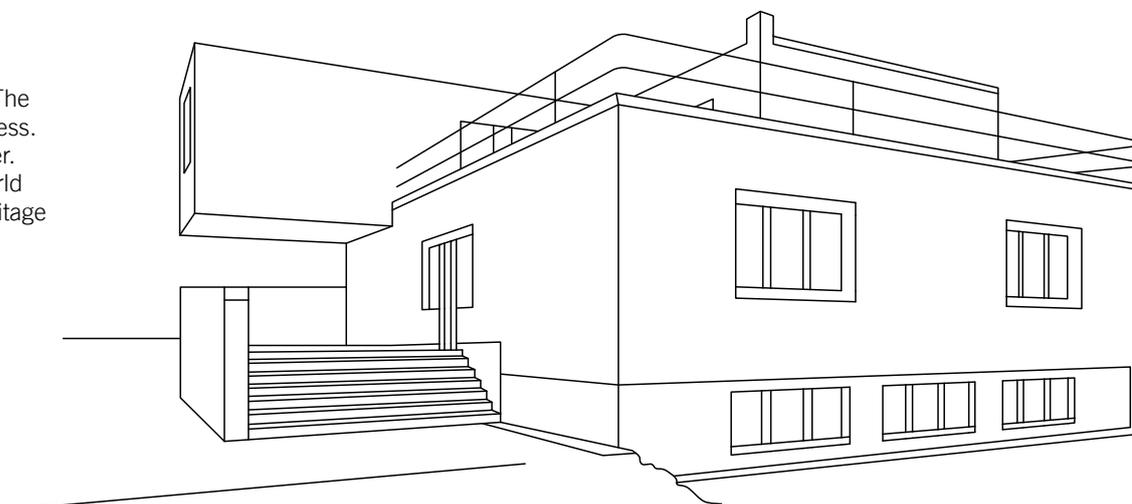
New face for the city on the Ruhr. Solid façade, tower rising proudly up. A piece of Ruhrbania from the Neo-Renaissance period. Colossal and yet finely-structured. Stone, tiles, floors and ceilings from all over the world. Panelled, decorated and stuccoed to yield a clear identity.

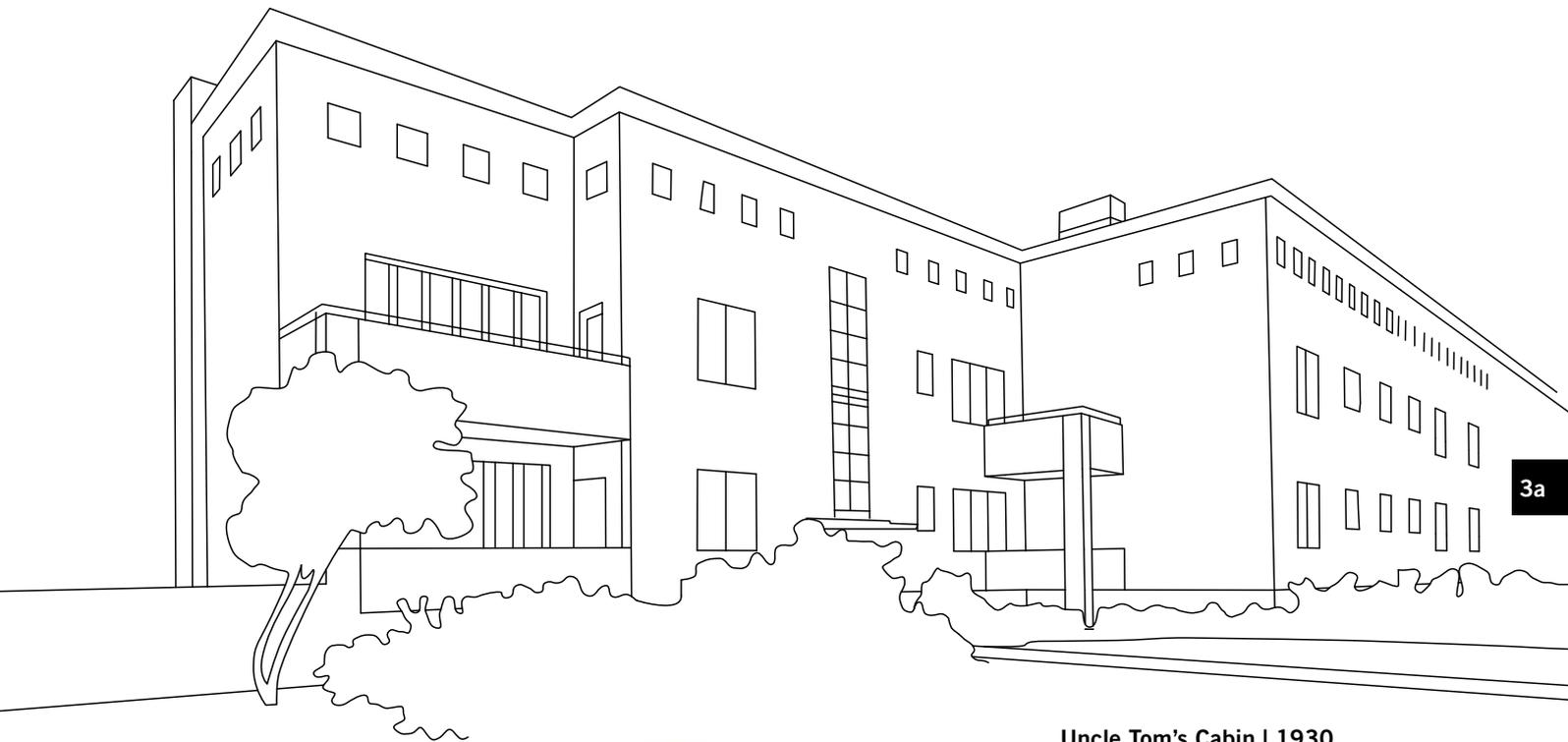
Gropius House | 1920

Good accommodation for everyone, a new ideal in architectural discourse. The march of industry as a force for progress. Art and technology pool come together. The overall venture has long been world famous, enjoying UNESCO World Heritage Site status.



FSB 1102 | Stainless Steel





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Uncle Tom's Cabin | 1930

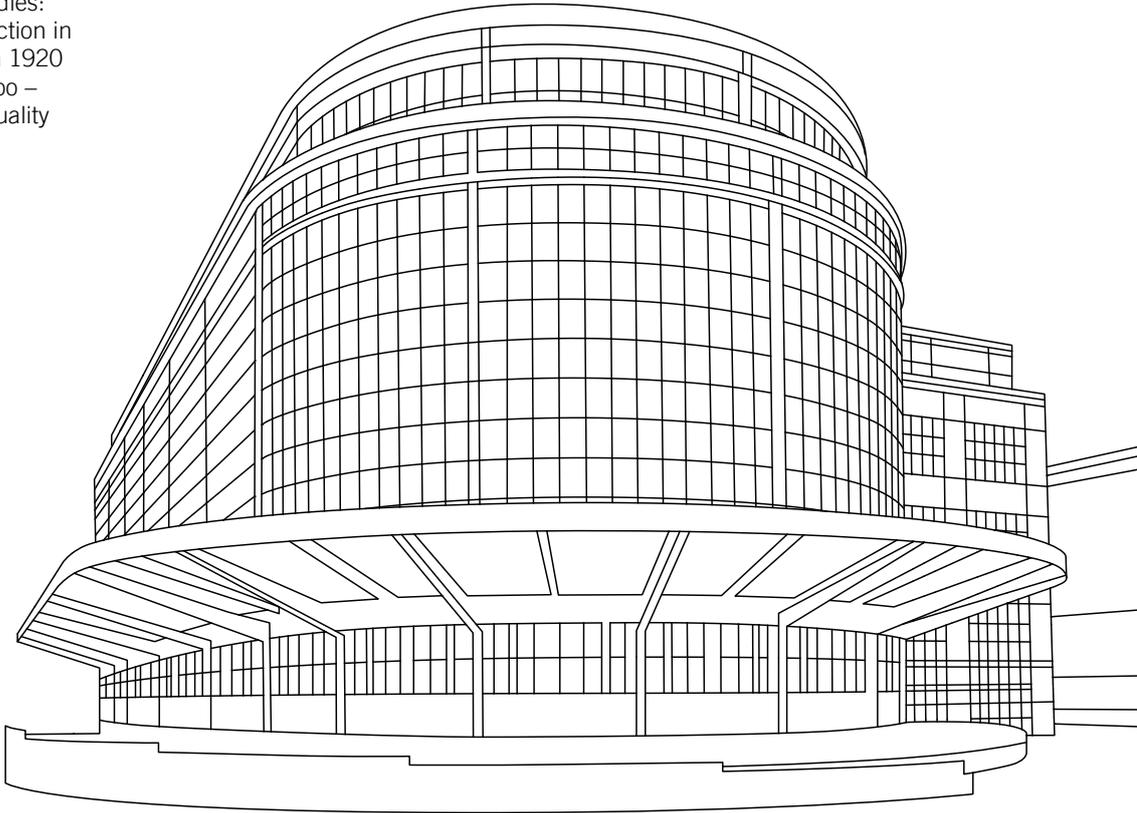
Rationalisation, use of new materials, sober interior design coupled with a social conscience – that was what New Construction was all about, rounded off by the visual allure of chunky fine detail. As Bruno Taut once put it, “Something that works well, looks good.”



FSB 1106 | Bronze

Perfume Factory 4711 | 1950

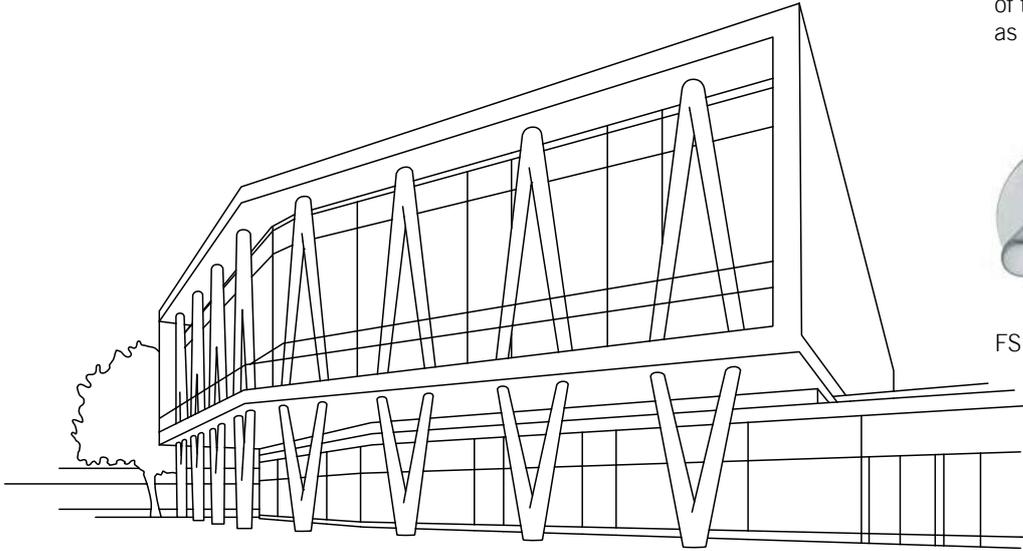
Curtain wall in steel and glass, smooth and shiny materials, Bronze handles: rounded corners are no contradiction in architecture. A style cherished in 1920 was well-received in the 1950s too – enhanced by the light, floating quality of the design.



FSB 66 6506
Aluminium

Gauss School of Engineering | 1960

Aesthetics and functionality cannot be conceived independently of each other. A reinforced concrete skeleton, configured like a cube, affords asymmetrical views in through large-format glass facades; a grid of transparency and lightness; built texture as a counterpoint to social structures.



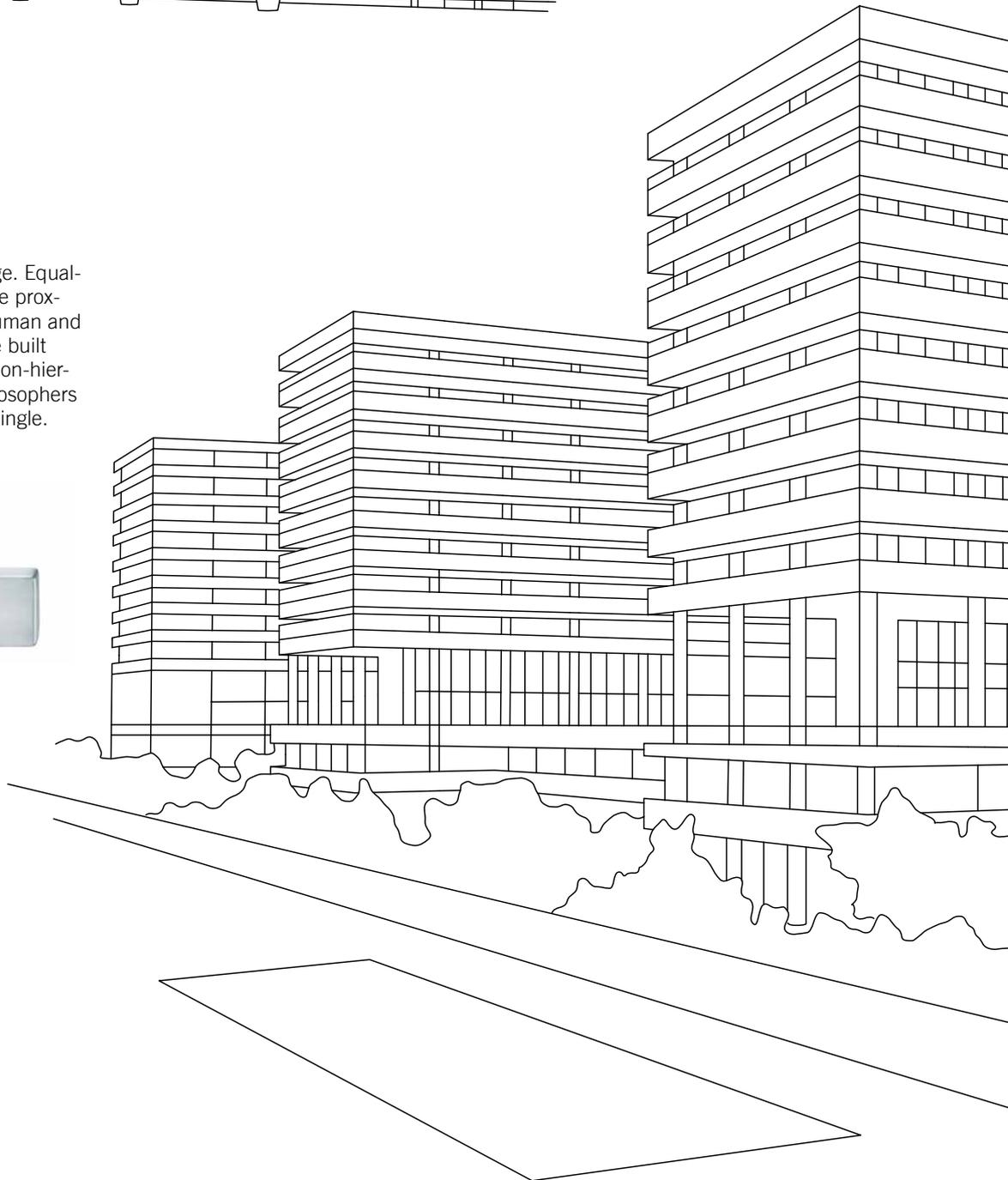
FSB 1058 | Stainless Steel

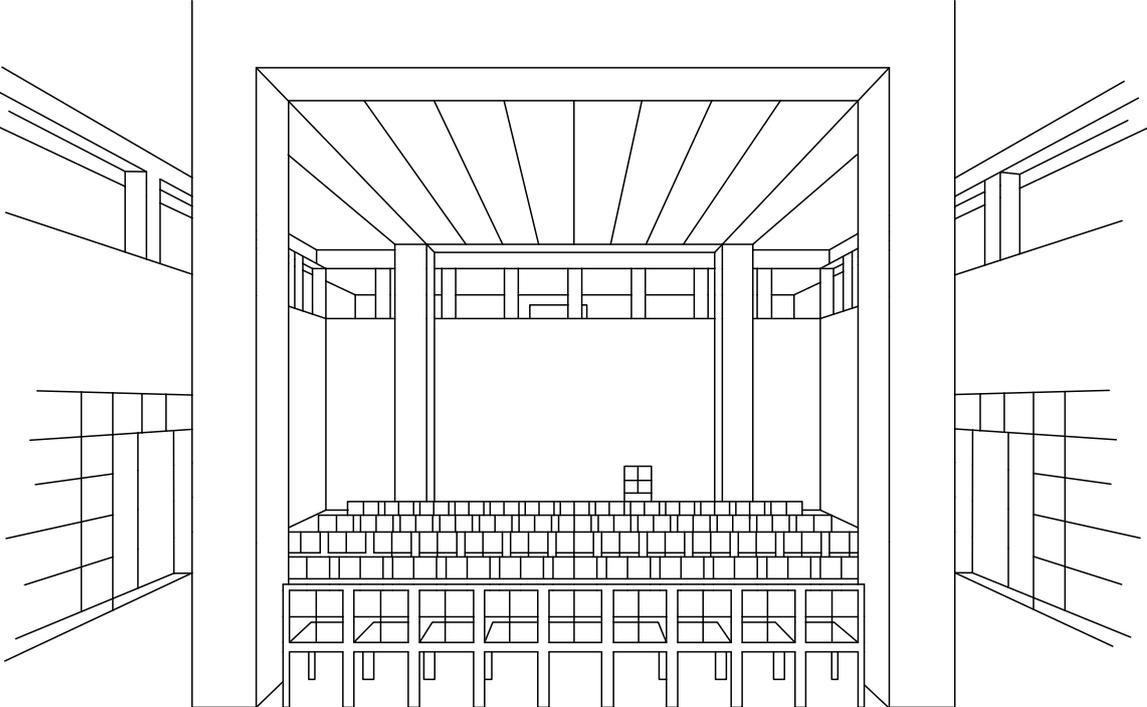
Ruhr University Bochum | 1970

Port of call in the sea of knowledge. Equality of esteem, the greatest possible proximity, and exchanges at both a human and a scholarly level have become the built agenda here – in the cause of a non-hierarchical community in which philosophers and mechanical engineers intermingle.



FSB 1003 | Stainless Steel





DAM | 1980

White reinforced-concrete engineering within a two-storey villa, house-within-a-house, old and new, from dado to handle – it's not only the architectural end-result that counts here, but also the path taken. Postmodern architecture as the subject of public debate.



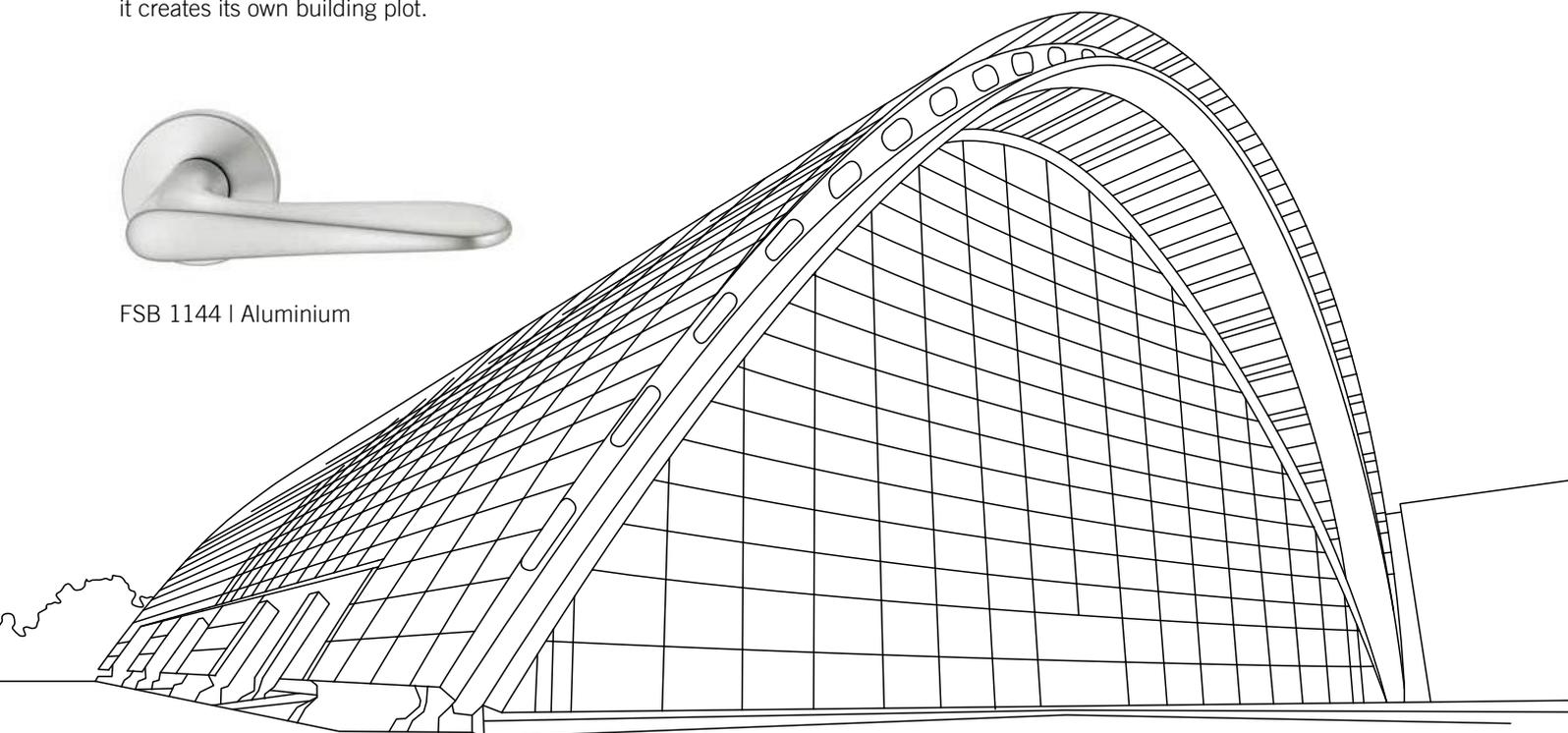
FSB 1076 | Stainless Steel

Berliner Bogen | 1990

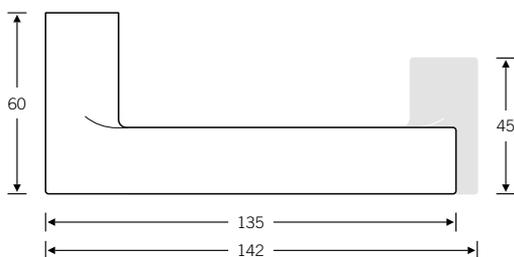
Someone has it figured out here. A casually arched giant in steel and glass combines futuristic looks with solutions to urgent questions of its era: practically hovering above the water, it creates its own building plot.



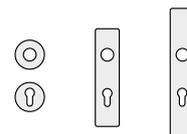
FSB 1144 | Aluminium



Architect Peter Bastian wanted his handle to make a dignified impact on tall, large-format doors despite being pared down to an almost doctrinaire degree. The result is a very neatly designed lever handle that offers the hand plenty of squareness to get hold of.



Recommended rose/backplate variants



EN 179

Design: Peter Bastian

 EN 179 model: FSB 1002

Wide-backplate set to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4224 with 10 1001 | Page 476f.

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Narrow-door handles



Standard



09 1002 (in-line) | Page 415
06 1002 (cranked) | Page 414



Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1001 09030 | Page 321

Additional handle-system hardware:

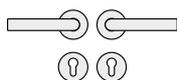
Barrier-free fitting 14 424. | Page 639ff.

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Product Collection 1001 ■

Lever/lever sets



12 1001 013 (NH)

72 1001 613 (RH)

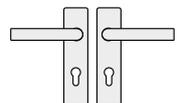
76 1001 613 (RH)

79 1002 613 (RH)

72 1001 614 (LH)

76 1001 614 (LH)

79 1002 614 (LH)



12 1001 001 (NH)

72 1001 601 (RH)

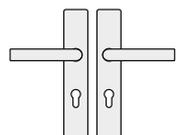
76 1001 601 (RH)

79 1002 601 (RH)

72 1001 602 (LH)

76 1001 602 (LH)

79 1002 602 (LH)



12 1001 021 (NH)

72 1001 621 (RH)

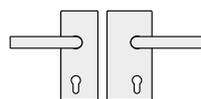
76 1001 621 (RH)

79 1002 621 (RH)

72 1001 622 (LH)

76 1001 622 (LH)

79 1002 622 (LH)



13 4224 042 (RH) with
10 1001 00300

13 4224 052 (LH) with
10 1001 00300

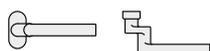
Narrow-door handles



09 1001 011

09 1001 012

09 1002 012



06 1001 011

06 1001 012

06 1002 012

06 1001 023 (ILF)

06 1002 023 (ILF)



Narrow-door knobs



07 0829 228 (fixed)

07 0829 428 (fixed)



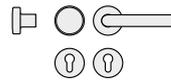
07 0809 228 (fixed)

07 0809 428 (fixed)

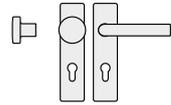


17 1757

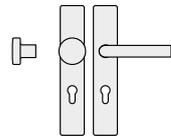
Lever/knob sets



- | | |
|-------------------|------------------|
| 12 1001 017 (NH) | 72 1001 618 (LH) |
| 72 1001 617 (RH) | 76 1001 618 (LH) |
| 76 1001 617 (RH) | 79 1002 618 (LH) |
| 76 1001 619 (ILF) | |
| 79 1002 617 (RH) | |
| 79 1002 619 (ILF) | |

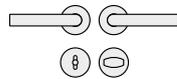


- | | |
|-------------------|------------------|
| 12 1001 003 (NH) | 72 1001 604 (LH) |
| 72 1001 603 (RH) | 76 1001 604 (LH) |
| 76 1001 603 (RH) | 79 1002 604 (LH) |
| 76 1001 605 (ILF) | |
| 79 1002 603 (RH) | |
| 79 1002 605 (ILF) | |

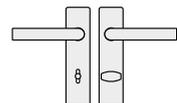


- | | |
|-------------------|------------------|
| 12 1001 023 (NH) | 72 1001 624 (LH) |
| 72 1001 623 (RH) | 76 1001 624 (LH) |
| 76 1001 623 (RH) | 79 1002 624 (LH) |
| 76 1001 625 (ILF) | |
| 79 1002 623 (RH) | |
| 79 1002 625 (ILF) | |

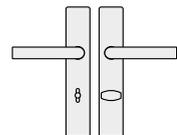
Bathroom sets



- | | |
|------------------|------------------|
| 12 1001 019 (NH) | 72 1001 620 (LH) |
| 72 1001 619 (RH) | |



- | | |
|------------------|------------------|
| 12 1001 005 (NH) | 72 1001 606 (LH) |
| 72 1001 605 (RH) | |



- | | |
|------------------|------------------|
| 12 1001 025 (NH) | 72 1001 626 (LH) |
| 72 1001 625 (RH) | |

Window handles



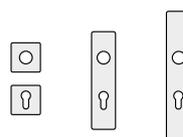
- 34 1001 09030 (Rose 27 × 62 × 10)
- 34 1001 09039 (Rose 32.5 × 70 × 10)
- 34 1001 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1001 170 (lock adaptor RC 1–6)
- 34 1001 076 (lock adaptor with push-button RC 1–6)

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Door handle FSB 1003, which has echoes of a miniature door on its side, is decidedly something of a collector's item. Johannes Potente adopted the underlying visual concept and put it to effect in Aluminium and Stainless Steel.



Recommended rose/backplate variants



Design: Johannes Potente * restrictions for some variants

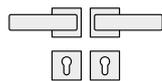
Door pull 66 6548 | Page 514

surface-mtd

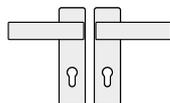
flush-fitted*

Bearings information | Page 24 ff.

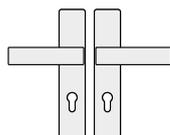
Lever/lever sets



 12 1003 041 (NH)



 12 1003 001 (NH)

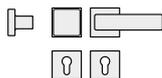


 12 1003 021 (NH)

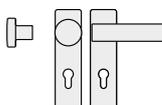


 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1003 00100 10 1003 00100

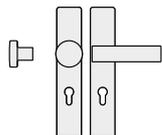
Lever/knob sets



 12 1003 043 (NH)

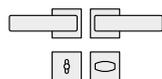


 12 1003 003 (NH)

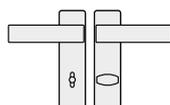


 12 1003 023 (NH)

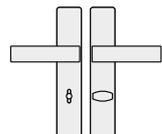
Bathroom sets



 12 1003 045 (NH)



 12 1003 005 (NH)



 12 1003 025 (NH)

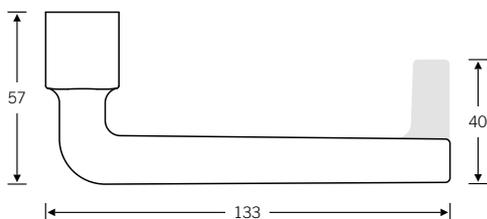
Window handles



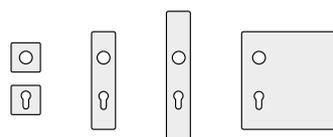
34 1003 09032 (Rose 27 × 62 × 10)
34 1003 09040 (Rose 32.5 × 70 × 10)
34 1003 09036 (Rose 25.5 × 60.5 flush-fit)
34 1003 170 (lock adaptor RC 1–6)
34 1003 076 (lock adaptor with push-button RC 1–6)
34 1003 | Page 321

3a

FSB 1004 by David Chipperfield bears the hallmark of the Modernist pioneers. It is underpinned by a clean-lined formal concept that meets all functional requirements whilst carrying his formal message to both the public and private spheres.



Recommended rose/backplate variants



EN 179

Design: David Chipperfield  EN 179 model: FSB 1134

Wide-backplate set in Bronze to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4224 with 10 1004 | Page 476

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a



Narrow-door handles



Standard



09 1134 (in-line) | Page 429
06 1134 (cranked) | Page 428



Door knobs



Flush doors



Narrow stile doors



23 0811 (for flush doors) | Page 302
07 0812 (for narrow stile doors) | Page 442



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1004 09032 | Page 322

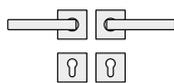
Additional handle-system hardware:

Lift-and slide door hardware 34 1004 011.. | Page 361
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1004 041 (NH)

 72 1004 641 (RH)

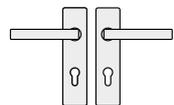
 72 1004 642 (LH)

 76 1004 639 (RH)

 76 1004 640 (LH)

 79 1134 639 (RH)

 79 1134 640 (LH)



 12 1004 001 (NH)

 72 1004 601 (RH)

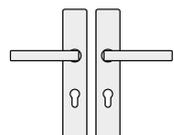
 72 1004 602 (LH)

 76 1004 601 (RH)

 76 1004 602 (LH)

 79 1134 601 (RH)

 79 1134 602 (LH)



 12 1004 021 (NH)

 72 1004 621 (RH)

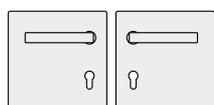
 72 1004 622 (LH)

 76 1004 621 (RH)

 76 1004 622 (LH)

 79 1134 621 (RH)

 79 1134 622 (LH)



 72 1004 633 (RH)

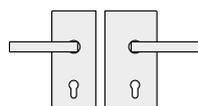
 72 1004 634 (LH)

 76 1004 633 (RH)

 76 1004 634 (LH)

 79 1134 633 (RH)

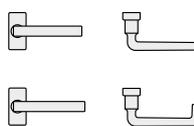
 79 1134 634 (LH)



 13 4224 042 (RH) with
10 1004 00300

 13 4224 052 (LH) with
10 1004 00300

Narrow-door handles



 09 1004 071

 09 1004 072

 09 1134 072



 06 1134 071

 06 1134 072

 06 1134 073 (ILF)

Narrow-door knobs



07 0811 229 (fixed)

 07 0811 229 (fixed, Stainless Steel + Bronze)

 07 0811 429 (fixed, Aluminium)



07 0812 229 (fixed)

 07 0812 229 (fixed, Stainless Steel + Bronze)

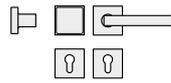
 07 0812 429 (fixed, Aluminium)



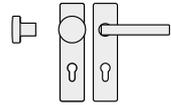
17 1778

Wide-backplate set in Bronze to order

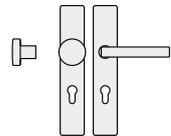
Lever/knob sets



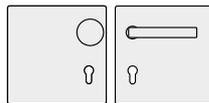
- 12 1004 043 (NH)
- 72 1004 643 (RH)
- 76 1004 641 (RH)
- 76 1004 643 (ILF)
- 79 1134 641 (RH)
- 79 1134 643 (ILF)
- 72 1004 644 (LH)
- 76 1004 642 (LH)
- 79 1134 642 (LH)



- 12 1004 003 (NH)
- 72 1004 603 (RH)
- 76 1004 603 (RH)
- 76 1004 605 (ILF)
- 79 1134 603 (RH)
- 79 1134 605 (ILF)
- 72 1004 604 (LH)
- 76 1004 604 (LH)
- 79 1134 604 (LH)

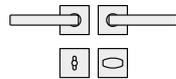


- 12 1004 023 (NH)
- 72 1004 623 (RH)
- 76 1004 623 (RH)
- 76 1004 625 (ILF)
- 79 1134 623 (RH)
- 79 1134 625 (ILF)
- 72 1004 624 (LH)
- 76 1004 624 (LH)
- 79 1134 624 (LH)

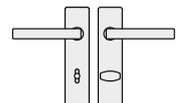


- 72 1004 637 (RH)
- 76 1004 637 (RH)
- 79 1134 637 (RH)
- 72 1004 638 (LH)
- 76 1004 638 (LH)
- 79 1134 638 (LH)

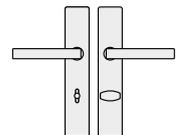
Bathroom sets



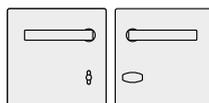
- 12 1004 045 (NH)
- 72 1004 645 (RH)
- 72 1004 646 (LH)



- 12 1004 005 (NH)
- 72 1004 605 (RH)
- 72 1004 606 (LH)



- 12 1004 025 (NH)
- 72 1004 625 (RH)
- 72 1004 626 (LH)



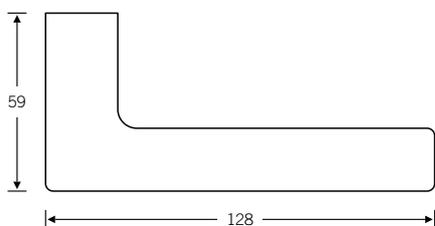
- 72 1004 639 (RH)
- 72 1004 640 (LH)

Window handles

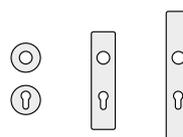


- 34 1004 09032 (Rose 27 × 62 × 10)
- 34 1004 09040 (Rose 32.5 × 70 × 10)
- 34 1004 09036 (Rose 25.5 × 60.5 flush-fit)
- 34 1004 170 (lock adaptor RC 1–6)
- 34 1004 076 (lock adaptor with push-button RC 1–6)

There are a plethora of wedge-shaped handles around. Almost every company makes its own version of this basic form. The original design of this lever handle is most probably attributable to Professor Max Burchartz. The FSB 1005 design by Johannes Potente is characterised by its slender proportions.



Recommended rose/backplate variants



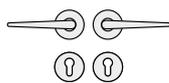
* restrictions for some variants

surface-mtd

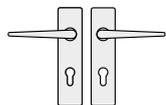
flush-fitted*

Bearings information | Page 24 ff.

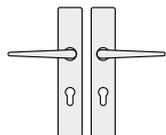
Lever/lever sets



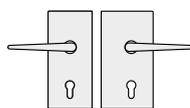
 12 1005 013 (NH)



 12 1005 001 (NH)

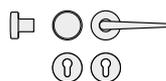


 12 1005 021 (NH)

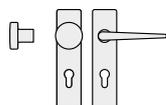


 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1005 00100 10 1005 00100

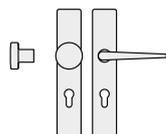
Lever/knob sets



 12 1005 017 (NH)

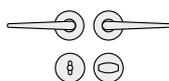


 12 1005 003 (NH)

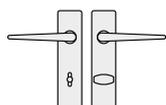


 12 1005 023 (NH)

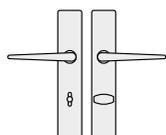
Bathroom sets



 12 1005 019 (NH)



 12 1005 005 (NH)



 12 1005 025 (NH)

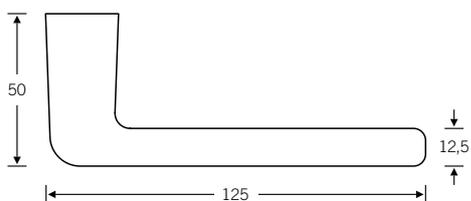
Window handles



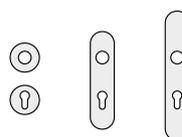
34 1005 09030 (Rose 27 × 62 × 10)
34 1005 09039 (Rose 32.5 × 70 × 10)
34 1005 09034 (Rose 25.5 × 60.5 flush-fit)
34 1005 170 (lock adaptor RC 1–6)
34 1005 076 (lock adaptor with push-button RC 1–6)
34 1005 | Page 322

3a

The upright oval shape of model 1012 is said to have been conceived by Hans Poelzig for the I.G. Farben office block built in 1928 and soon came to be known as "Reich Shape lever handle No. 16". It comprises a broad band of chunky white Bronze cast at right angles. FSB was already producing an Aluminium version way back in the 1930s.



Recommended rose/backplate variants



surface-mtd

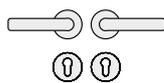


flush-fitted

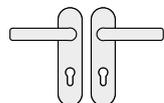


Bearings information | Page 24 ff.

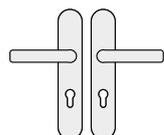
Lever/lever sets



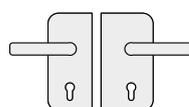
➤ 12 1012 013 (NH)



➤ 12 1012 007 (NH)



➤ 12 1012 027 (NH)

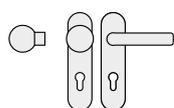


➤ 13 4223 041 (RH) with 10 1012 00100 ➤ 13 4223 051 (LH) with 10 1012 00100

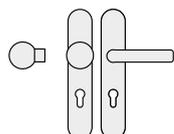
Lever/knob sets



➤ 12 1012 015 (NH)

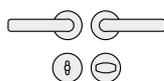


➤ 12 1012 009 (NH)

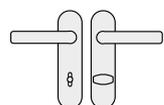


➤ 12 1012 029 (NH)

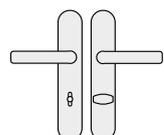
Bathroom sets



➤ 12 1012 019 (NH)

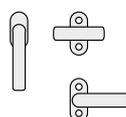


➤ 12 1012 011 (NH)



➤ 12 1012 031 (NH)

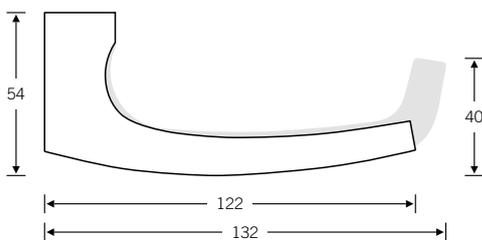
Window handles



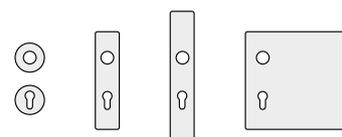
34 1012 09030 (Rose 27 × 62 × 10)
 34 1012 09039 (Rose 32.5 × 70 × 10)
 34 1012 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1012 170 (lock adaptor RC 1–6)
 34 1012 076 (lock adaptor with push-button RC 1–6)
 34 3401 (tee handle) | 34 3402 (half-tee handle)

3a

We suspect that the underlying shape of FSB 1015 was originated in the 1930s by a company called Wehag. The version by Johannes Potente is a very clean-lined affair that is particularly sought after in the Netherlands.



Recommended rose/backplate variants



EN 179

 EN 179 model: FSB 1045 | Page 124

Wide-backplate set in Bronze to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.

Glass-door hardware



Standard	<input type="radio"/>				

here: 13 4220 with 10 1015 | Page 478

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a

Narrow-door handles



Standard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

09 1015 (in-line) | Page 417

06 1015 (cranked) | Page 416

Door knobs



Flush doors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Narrow stile doors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

23 0829 (for flush doors) | Page 303

07 0809 (for narrow stile doors) | Page 443

Window handle



Rose 27 × 62 × 10	<input type="radio"/>
Rose 32.5 × 70 × 10	<input type="radio"/>
Rose 25.5 × 60.5 flush-fit	<input type="radio"/>
lockable	<input type="radio"/>

34 1015 09030 | Page 323

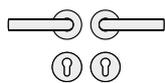
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

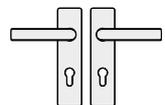
Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

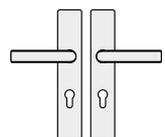
Lever/lever sets



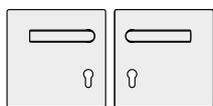
- 12 1015 013 (NH)
- 72 1015 613 (RH)
- 76 1015 613 (RH)
- 79 1045 613 (RH)
- 72 1015 614 (LH)
- 76 1015 614 (LH)
- 79 1045 614 (LH)



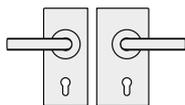
- 12 1015 001 (NH)
- 72 1015 601 (RH)
- 76 1015 601 (RH)
- 79 1045 601 (RH)
- 72 1015 602 (LH)
- 76 1015 602 (LH)
- 79 1045 602 (LH)



- 12 1015 021 (NH)
- 72 1015 621 (RH)
- 76 1015 621 (RH)
- 79 1045 621 (RH)
- 72 1015 622 (LH)
- 76 1015 622 (LH)
- 79 1045 622 (LH)

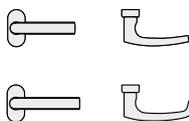


- 72 1015 633 (RH)
- 76 1015 633 (RH)
- 79 1045 633 (RH)
- 72 1015 634 (LH)
- 76 1015 634 (LH)
- 79 1045 634 (LH)

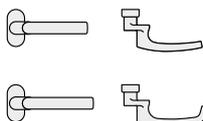


- 13 4220 042 (RH) with 72 1015 61350 (RH)
- 13 4220 041 (RH) with 10 1015 00100 (RH)
- 13 4220 052 (LH) with 72 1015 61450 (LH)
- 13 4220 051 (LH) with 10 1015 00100 (LH)

Narrow-door handles



- 09 1015 011
- 09 1015 012
- 09 1045 011
- 09 1045 012



- 06 1015 011
- 06 1015 012
- 06 1045 011
- 06 1045 012
- 06 1015 023 (ILF)
- 06 1045 023 (ILF)

Narrow-door knobs



- 07 0829 228 (fixed)
- 07 0829 228 (fixed, Stainless Steel + Bronze)
- 07 0829 428 (fixed, Aluminium)



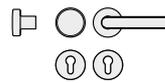
- 07 0809 228 (fixed)
- 07 0809 228 (fixed, Stainless Steel + Bronze)
- 07 0809 428 (fixed, Aluminium)



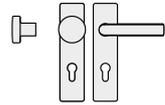
- 17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

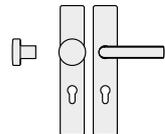
Lever/knob sets



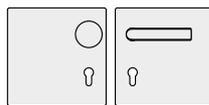
- 12 1015 017 (NH)
- 72 1015 617 (RH)
- 76 1015 617 (RH)
- 76 1015 619 (ILF)
- 79 1045 617 (RH)
- 79 1045 619 (ILF)
- 72 1015 618 (LH)
- 76 1015 618 (LH)
- 79 1045 618 (LH)



- 12 1015 003 (NH)
- 72 1015 603 (RH)
- 76 1015 603 (RH)
- 76 1015 605 (ILF)
- 79 1045 603 (RH)
- 79 1045 605 (ILF)
- 72 1015 604 (LH)
- 76 1015 604 (LH)
- 79 1045 604 (LH)

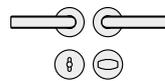


- 12 1015 023 (NH)
- 72 1015 623 (RH)
- 76 1015 623 (RH)
- 76 1015 625 (ILF)
- 79 1045 623 (RH)
- 79 1045 625 (ILF)
- 72 1015 624 (LH)
- 76 1015 624 (LH)
- 79 1045 624 (LH)

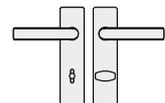


- 72 1015 637 (RH)
- 76 1015 637 (RH)
- 79 1045 637 (RH)
- 72 1015 638 (LH)
- 76 1015 638 (LH)
- 79 1045 638 (LH)

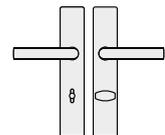
Bathroom sets



- 12 1015 019 (NH)
- 72 1015 619 (RH)
- 72 1015 620 (LH)



- 12 1015 005 (NH)
- 72 1015 605 (RH)
- 72 1015 606 (LH)



- 12 1015 025 (NH)
- 72 1015 625 (RH)
- 72 1015 626 (LH)



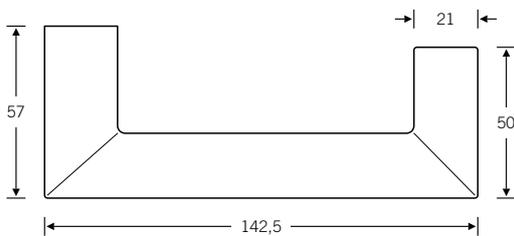
- 72 1015 639 (RH)
- 72 1015 640 (LH)

Window handles

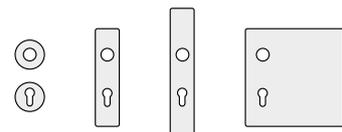


- 34 1015 09030 (Rose 27 × 62 × 10)
- 34 1015 09039 (Rose 32.5 × 70 × 10)
- 34 1015 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1015 170 (lock adaptor RC 1–6)
- 34 1015 076 (lock adaptor with push-button RC 1–6)

The 1076 model FSB launched in 1990, a lever handle design with its roots in the 1920s, became the most-copied lever handle of the century. The version shown here, FSB 1016, is a more enclosed counterpart to it.



Recommended rose/backplate variants



EN 179

Wide-backplate set in Bronze to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.

Glass-door hardware



Standard	●	●	●	●	●

here: 13 4220 with 72 1016 | Page 478

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a

Narrow-door handles



Standard	●	●

09 1016 (in-line) | Page 417
06 1016 (cranked) | Page 416

Door knobs



Flush doors	●	●	●	●
Narrow stile doors	●	●		

23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443

Window handles



Rose 27 × 62 × 10	●
Rose 32.5 × 70 × 10	●
Rose 25.5 × 60.5 flush-fit	●
lockable	●

34 1076 09030 | Page 327
34 3403 09030 | Page 347

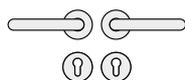
Additional handle-system hardware:

Parallel slide/tilt fitting 34 1016 012. | Page 359
Lift-and slide door hardware 34 1016 011.. | Page 362
Door pull 66 6514 | Page 534
Door pull 66 6669 | Page 547
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



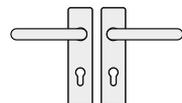
 12 1016 013 (NH)

 72 1016 613 (RH)

 79 1016 613 (RH)

 72 1016 614 (LH)

 79 1016 614 (LH)



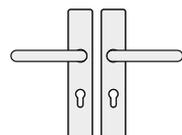
 12 1016 001 (NH)

 72 1016 601 (RH)

 79 1016 601 (RH)

 72 1016 602 (LH)

 79 1016 602 (LH)



 12 1016 021 (NH)

 72 1016 621 (RH)

 79 1016 621 (RH)

 72 1016 622 (LH)

 79 1016 622 (LH)

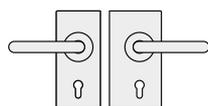


 72 1016 633 (RH)

 79 1016 633 (RH)

 72 1016 634 (LH)

 79 1016 634 (LH)



 13 4220 042 (RH) with
72 1016 61350 (RH)

 13 4220 041 (RH) with
10 1016 00100

 13 4220 052 (LH) with
72 1016 61450 (LH)

 13 4220 051 (LH) with
10 1016 00100

Narrow-door handles



 09 1016 011

 09 1016 012



 06 1016 011

 06 1016 012

 06 1016 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

 07 0829 228 (fixed, Stainless Steel + Bronze)

 07 0829 428 (fixed, Aluminium)



07 0809 228 (fixed)

 07 0809 228 (fixed, Stainless Steel + Bronze)

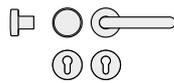
 07 0809 428 (fixed, Aluminium)



17 1757

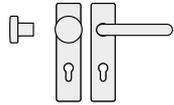
Wide-backplate set in Bronze to order
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

Lever/knob sets



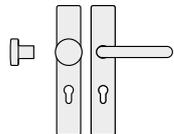
 12 1016 017 (NH)
 72 1016 617 (RH)
 79 1016 617 (RH)
 79 1016 619 (ILF)

 72 1016 618 (LH)
 79 1016 618 (LH)



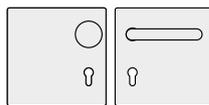
 12 1016 003 (NH)
 72 1016 603 (RH)
 79 1016 603 (RH)
 79 1016 605 (ILF)

 72 1016 604 (LH)
 79 1016 604 (LH)



 12 1016 023 (NH)
 72 1016 623 (RH)
 79 1016 623 (RH)
 79 1016 625 (ILF)

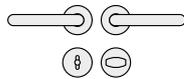
 72 1016 624 (LH)
 79 1016 624 (LH)



 72 1016 637 (RH)
 79 1016 637 (RH)

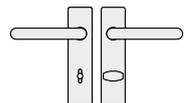
 72 1016 638 (LH)
 79 1016 638 (LH)

Bathroom sets



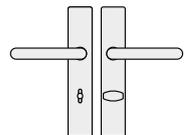
 12 1016 019 (NH)
 72 1016 619 (RH)

 72 1016 620 (LH)



 12 1016 005 (NH)
 72 1016 605 (RH)

 72 1016 606 (LH)



 12 1016 025 (NH)
 72 1016 625 (RH)

 72 1016 626 (LH)



 72 1016 639 (RH)

 72 1016 640 (LH)

Window handles

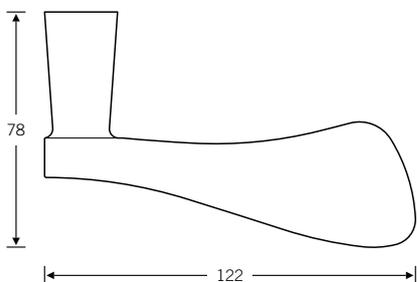


34 1076 09030 (Rose 27 × 62 × 10)
 34 1076 09039 (Rose 32.5 × 70 × 10)
 34 1076 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1076 170 (lock adaptor RC 1–6)
 34 1076 076 (lock adaptor with push-button RC 1–6)

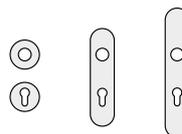


34 3403 09039 (Rose 32.5 × 70 × 10)
 34 3403 170 (lock adaptor RC 1–6)
 34 3403 076 (lock adaptor with push-button RC 1–6)
 34 3499 00012 (shortened handle neck)

The FSB 1020 model utterly embodies the “good form” of the 1950s. This is a lever handle that flourishes by dint of the organic flow of its moulded-to-the-hand design and because it somehow looks symmetrical without actually being so. FSB 1020 is one of four models designed by Johannes Potente now on permanent display at the MoMA in New York.



Recommended rose/backplate variants



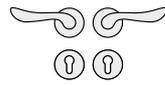
Design: Johannes Potente * restrictions for some variants

surface-mtd

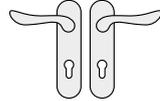
flush-fitted*

Bearings information | Page 24 ff.

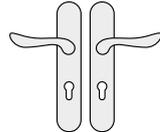
Lever/lever sets



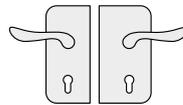
 12 1020 013 (NH)



 12 1020 007 (NH)



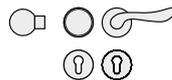
 12 1020 027 (NH)



 13 4223 041 (RH) with  13 4223 051 (LH) with
10 1020 00100 (RH) 10 1020 00100 (LH)

Restrictions for some variants

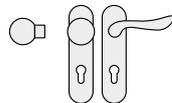
Lever/knob sets



 12 1020 015 (RH)

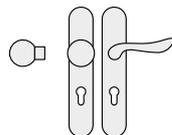
 12 1020 016 (LH)

(here: right-handed under the German DIN standard)



 12 1020 009 (RH)

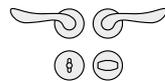
 12 1020 010 (LH)



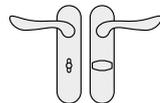
 12 1020 029 (RH)

 12 1020 030 (LH)

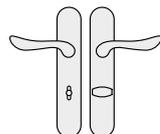
Bathroom sets



 12 1020 019 (NH)



 12 1020 011 (NH)



 12 1020 031 (NH)

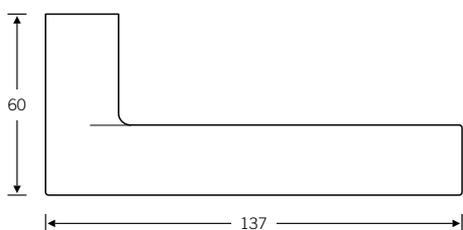
Window handle



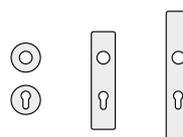
34 3404 | Page 346

3a

Catalogue No. 6 published by the S. A. Loevy bronzeware factory in the 1930s contained a variety of door fittings by Rachlis, Grenander, Behrens, Wagenfeld and Paul in which a circular neck is combined with a flat grip section. FSB 1021 is an equally timeless variation on this design principle.



Recommended rose/backplate variants



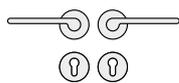
* restrictions for some variants

surface-mtd

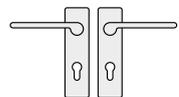
flush-fitted*

Bearings information | Page 24 ff.

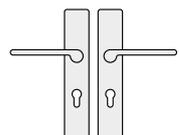
Lever/lever sets



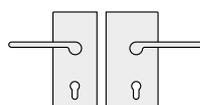
 12 1021 013 (NH)



 12 1021 001 (NH)

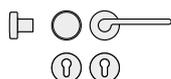


 12 1021 021 (NH)



 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1021 00100 10 1021 00100

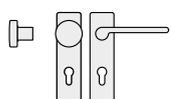
Lever/knob sets



 12 1021 017 (RH)

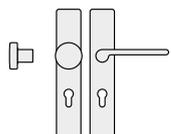
 12 1021 018 (LH)

(here: right-handed under the German DIN standard)



 12 1021 003 (RH)

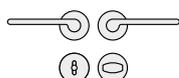
 12 1021 004 (LH)



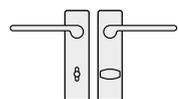
 12 1021 023 (RH)

 12 1021 024 (LH)

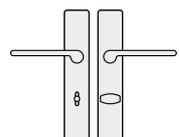
Bathroom sets



 12 1021 019 (NH)



 12 1021 005 (NH)



 12 1021 025 (NH)

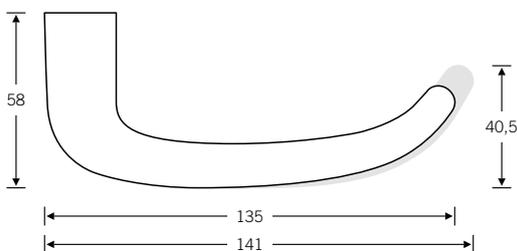
Window handles



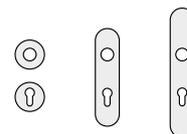
34 1021 49039 (RH) | 59039 (LH) (Rose 32.5 × 70 × 10)
34 1021 470 (RH) | 570 (LH) (lock adaptor RC 1–6)
34 1021 476 (RH) | 576 (LH) (ditto with push-button)
34 1021 | Page 324

3a

In the 1950s, the Swiss architect, sculptor and designer Max Bill got together with Ernst Moeckl to fashion a door handle that made design history as the "Ulm handle". It in turn prompted Johannes Potente to produce FSB model 1023, which has long served as an alternative to the common U-shaped models.



Recommended rose/backplate variants



EN 179

 EN 179 model: FSB 1053

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1023 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a



Narrow-door handles



Standard



09 1053 (in-line) | Page 421

06 1053 (cranked) | Page 420



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301

07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1023 09030 | Page 324

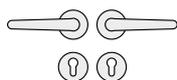
Additional handle-system hardware:

XXL door lever handle 79 1117 | Page 642
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1023 013 (NH)

 72 1023 613 (RH)

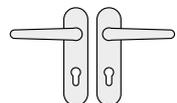
 76 1023 613 (RH)

 79 1053 613 (RH)

 72 1023 614 (LH)

 76 1023 614 (LH)

 79 1053 614 (LH)



 12 1023 007 (NH)

 72 1023 607 (RH)

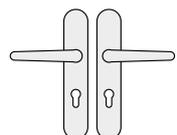
 76 1023 607 (RH)

 79 1053 607 (RH)

 72 1023 608 (LH)

 76 1023 608 (LH)

 79 1053 608 (LH)



 12 1023 027 (NH)

 72 1023 627 (RH)

 76 1023 627 (RH)

 79 1053 627 (RH)

 72 1023 628 (LH)

 76 1023 628 (LH)

 79 1053 628 (LH)



 72 1023 633 (RH)

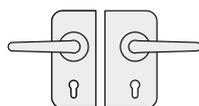
 76 1023 633 (RH)

 79 1053 633 (RH)

 72 1023 634 (LH)

 76 1023 634 (LH)

 79 1053 634 (LH)



 13 4223 042 (RH) with
72 1023 61350 (RH)

 13 4223 041 (RH) with
10 1023 00100

 13 4223 052 (LH) with
72 1023 61450 (LH)

 13 4223 051 (LH) with
10 1023 00100

Narrow-door handles



 09 1023 011

 09 1023 012

 09 1053 012



 06 1023 011

 06 1023 012

 06 1053 012

 06 1023 023 (ILF)

 06 1053 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel + Bronze)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel + Bronze)

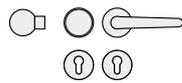
 07 0846 428 (fixed, Aluminium)



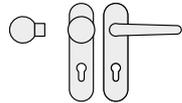
17 1757

Heavy-duty and fire-safety hardware not in Brass
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

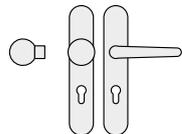
Lever/knob sets



- 12 1023 015 (NH)
- 72 1023 615 (RH)
- 76 1023 615 (RH)
- 76 1023 619 (ILF)
- 79 1053 615 (RH)
- 79 1053 619 (ILF)
- 72 1023 616 (LH)
- 76 1023 616 (LH)
- 79 1053 616 (LH)



- 12 1023 009 (NH)
- 72 1023 609 (RH)
- 76 1023 609 (RH)
- 76 1023 611 (ILF)
- 79 1053 609 (RH)
- 79 1053 611 (ILF)
- 72 1023 610 (LH)
- 76 1023 610 (LH)
- 79 1053 610 (LH)

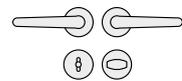


- 12 1023 029 (NH)
- 72 1023 629 (RH)
- 76 1023 629 (RH)
- 76 1023 631 (ILF)
- 79 1053 629 (RH)
- 79 1053 631 (ILF)
- 72 1023 630 (LH)
- 76 1023 630 (LH)
- 79 1053 630 (LH)

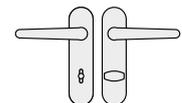


- 72 1023 635 (RH)
- 76 1023 635 (RH)
- 79 1053 635 (RH)
- 72 1023 636 (LH)
- 76 1023 636 (LH)
- 79 1053 636 (LH)

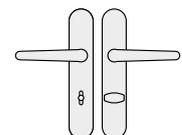
Bathroom sets



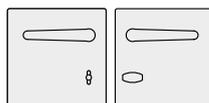
- 12 1023 019 (NH)
- 72 1023 619 (RH)
- 72 1023 620 (LH)



- 12 1023 011 (NH)
- 72 1023 611 (RH)
- 72 1023 612 (LH)



- 12 1023 031 (NH)
- 72 1023 631 (RH)
- 72 1023 632 (LH)



- 72 1023 639 (RH)
- 72 1023 640 (LH)

Window handles

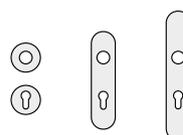


- 34 1023 09030 (Rose 27 × 62 × 10)
- 34 1023 09039 (Rose 32.5 × 70 × 10)
- 34 1023 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1023 170 (lock adaptor RC 1–6)
- 34 1023 076 (lock adaptor with push-button RC 1–6)

The formal devices at work in FSB 1025 are plain to see. A straight grip of teardrop-type cross-section is joined to the handle's neck at the point of rotation. With its no-frills looks, this is a design that offers its services humbly and yet elegantly. FSB 1025 is rendered truly vibrant by the crisp way light is captured along its leading edge.



Recommended rose/backplate variants



Design: Hartmut Weise

* restrictions for some variants

surface-mtd

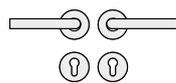


flush-fitted*

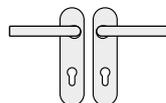


Bearings information | Page 24 ff.

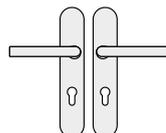
Lever/lever sets



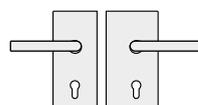
 12 1025 013 (NH)



 12 1025 007 (NH)



 12 1025 027 (NH)



 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1025 00100 10 1025 00100

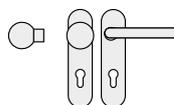
Lever/knob sets



 12 1025 015 (RH)

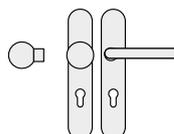
 12 1025 016 (LH)

(here: right-handed under the German DIN standard)



 12 1025 009 (RH)

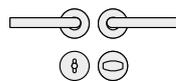
 12 1025 010 (LH)



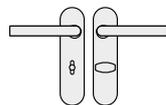
 12 1025 029 (RH)

 12 1025 030 (LH)

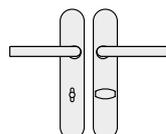
Bathroom sets



 12 1025 019 (NH)



 12 1025 011 (NH)



 12 1025 031 (NH)

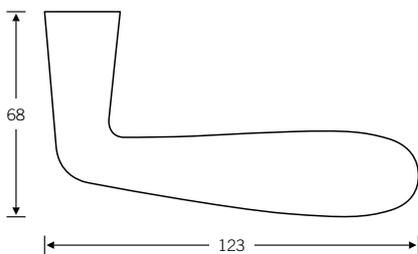
Window handles



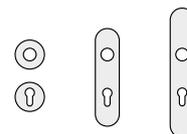
34 1025 09030 (Rose 27 × 62 × 10)
34 1025 09039 (Rose 32.5 × 70 × 10)
34 1025 09034 (Rose 25.5 × 60.5 flush-fit)
34 1025 170 (lock adaptor RC 1–6)
34 1025 076 (lock adaptor with push-button RC 1–6)
34 1025 | Page 325

3a

The FSB 1027 model, rather disparagingly referred to as the “shoe horn” model, is a stock item in the trade. Its underlying design is the brainchild of Professor Max Burchartz. The handle fits extremely snugly in the hand and unobtrusiveness is its watchword. The FSB version of the “shoe horn” was produced by Johannes Potente.



Recommended rose/backplate variants



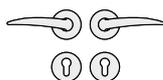
Design: Johannes Potente * restrictions for some variants

surface-mtd

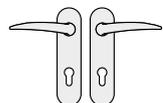
flush-fitted*

Bearings information | Page 24 ff.

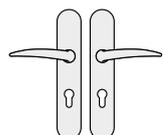
Lever/lever sets



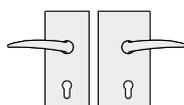
 12 1027 013 (NH)



 12 1027 007 (NH)



 12 1027 027 (NH)



 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1027 00100 10 1027 00100

Restrictions for some variants

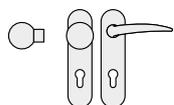
Lever/knob sets



 12 1027 015 (RH)

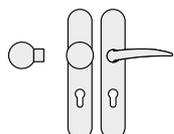
 12 1027 016 (LH)

(here: right-handed under the German DIN standard)



 12 1027 009 (RH)

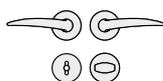
 12 1027 010 (LH)



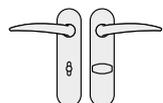
 12 1027 029 (RH)

 12 1027 030 (LH)

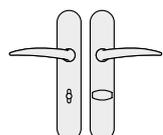
Bathroom sets



 12 1027 019 (NH)



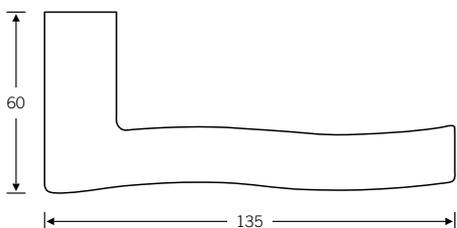
 12 1027 011 (NH)



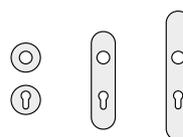
 12 1027 031 (NH)

3a

FSB 1028 modulates the formal devices used in the FSB 1025 model without marring its ergonomic credentials. This is a design that catches the eye and is just as good to hold. The undular styling of the grip section is both visually striking and a stimulating experience for the hand.



Recommended rose/backplate variants



Design: Hartmut Weise

* restrictions for some variants

surface-mtd

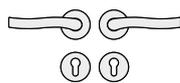


flush-fitted*

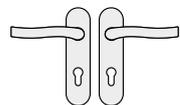


Bearings information | Page 24 ff.

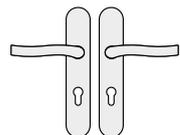
Lever/lever sets



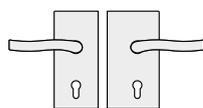
 12 1028 013 (NH)



 12 1028 007 (NH)



 12 1028 027 (NH)



 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1028 00100 10 1028 00100

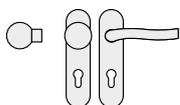
Lever/knob sets



 12 1028 015 (RH)

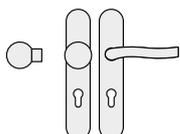
 12 1028 016 (LH)

(here: right-handed under the German DIN standard)



 12 1028 009 (RH)

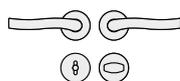
 12 1028 010 (LH)



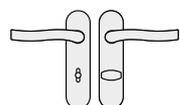
 12 1028 029 (RH)

 12 1028 030 (LH)

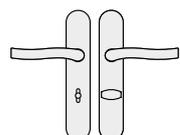
Bathroom sets



 12 1028 019 (NH)



 12 1028 011 (NH)



 12 1028 031 (NH)

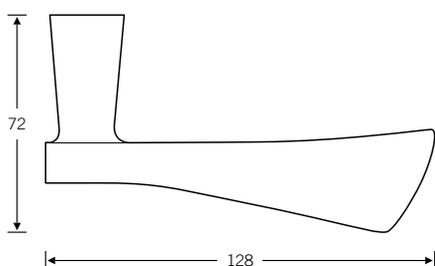
Window handles



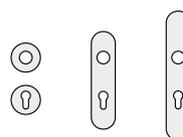
34 1025 09030 (Rose 27 × 62 × 10)
34 1025 09039 (Rose 32.5 × 70 × 10)
34 1025 09034 (Rose 25.5 × 60.5 flush-fit)
34 1025 170 (lock adaptor RC 1–6)
34 1025 076 (lock adaptor with push-button RC 1–6)
34 1025 | Page 325

3a

Lever handle model FSB 1034 was the first major item designed by Johannes Potente back in 1952. Once the copyright lapsed, it was imitated and reproduced by the million throughout the world. It even had to suffer being remodelled in grey plastic – that was back in the days before plastic went polychrome.



Recommended rose/backplate variants



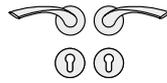
Design: Johannes Potente

surface-mtd ● ●

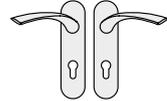
flush-fitted ●

Bearings information | Page 24 ff.

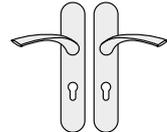
Lever/lever sets



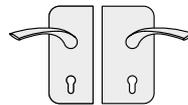
➤ 12 1034 013 (NH)



➤ 12 1034 007 (NH)

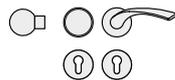


➤ 12 1034 027 (NH)



➤ 13 4223 041 (RH) with 10 1034 00100 ➤ 13 4223 051 (LH) with 10 1034 00100

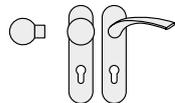
Lever/knob sets



➤ 12 1034 015 (RH)

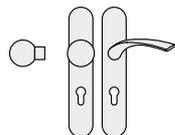
➤ 12 1034 016 (LH)

(here: right-handed under the German DIN standard)



➤ 12 1034 009 (RH)

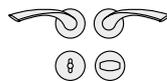
➤ 12 1034 010 (LH)



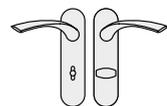
➤ 12 1034 029 (RH)

➤ 12 1034 030 (LH)

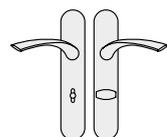
Bathroom sets



➤ 12 1034 019 (NH)



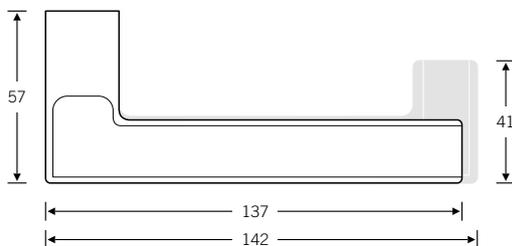
➤ 12 1034 011 (NH)



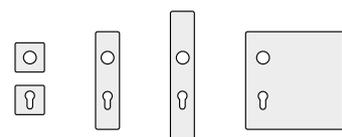
➤ 12 1034 031 (NH)

3a

In the autumn of 1996, Düsseldorf-based interior designer Heike Falkenberg asked FSB to recreate an old handle design for a renovation job. Using the sketch she submitted, FSB's Development unit milled a demonstration model out of the FSB 1076 handle. It was recently re-interpreted by giving it a straight-cornered rose.



Recommended rose/backplate variants



EN 179

Design: Heike Falkenberg

 EN 179 model: FSB 1031

* only in Stainless Steel
** restrictions for some variants

surface-mtd

flush-fitted**

Bearings information | Page 24 ff.

Glass-door hardware



Standard	●	●	●	●	●

here: 13 4220 with 10 1035 | Page 478

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a

Narrow-door handles



Standard	●	●	●

09 1031 (in-line) | Page 419

06 1031 (cranked) | Page 418

Door knobs

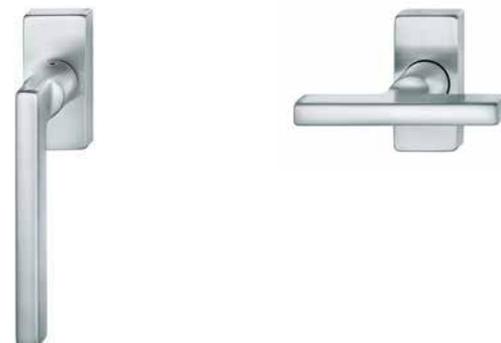


Flush doors	●	●	●	●
Narrow stile doors	●	●		

23 0811 (for flush doors) | Page 302

07 0812 (for narrow stile doors) | Page 442

Window handles



Rose 27 × 62 × 10	●
Rose 32.5 × 70 × 10	●
Rose 25.5 × 60.5 flush-fit	●
lockable	●

34 1035 09032 | Page 325

34 3784 09039 | Page 348

Additional handle-system hardware:

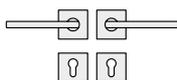
Door pull 66 6540 | Page 538

Barrier-free fitting 14 424. | Page 643

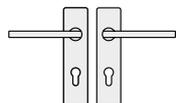
Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

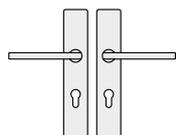
Lever/lever sets



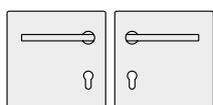
-  12 1035 041 (NH)
-  72 1035 641 (RH)
-  72 1035 642 (LH)
-  76 1035 639 (RH)*
-  76 1035 640 (LH)*
-  79 1031 639 (RH)
-  79 1031 640 (LH)



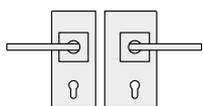
-  12 1035 001 (NH)
-  72 1035 601 (RH)
-  72 1035 602 (LH)
-  76 1035 601 (RH)*
-  76 1035 602 (LH)*
-  79 1031 601 (RH)
-  79 1031 602 (LH)



-  12 1035 021 (NH)
-  72 1035 621 (RH)
-  72 1035 622 (LH)
-  76 1035 621 (RH)*
-  76 1035 622 (LH)*
-  79 1031 621 (RH)
-  79 1031 622 (LH)

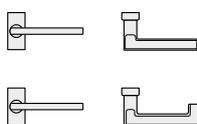


-  72 1035 633 (RH)
-  72 1035 634 (LH)
-  76 1035 633 (RH)*
-  76 1035 634 (LH)*
-  79 1031 633 (RH)
-  79 1031 634 (LH)

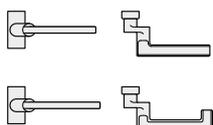


-  13 4220 042 (RH) with
-  13 4220 052 (LH) with
-  72 1035 64150 (RH)
-  72 1035 64250 (LH)
-  13 4220 041 (RH) with
-  13 4220 051 (LH) with
-  10 1035 00100
-  10 1035 00100

Narrow-door handles



-  09 1035 071
-  09 1035 072*
-  09 1031 072



-  06 1035 071
-  06 1035 072*
-  06 1035 073 (ILF)*
-  06 1031 073 (ILF)

Narrow-door knobs



- 07 0811 229 (fixed)
-  07 0811 229 (fixed, Stainless Steel)
-  07 0811 429 (fixed, Aluminium)



- 07 0812 229 (fixed)
-  07 0812 229 (fixed, Stainless Steel)
-  07 0812 429 (fixed, Aluminium)

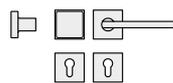


17 1778

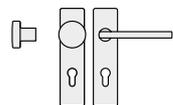
Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

* only in Stainless Steel

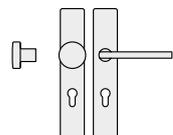
Lever/knob sets



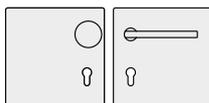
- 12 1035 043 (NH)
- 72 1035 643 (RH)
- 76 1035 641 (RH)*
- 76 1035 643 (ILF)*
- 79 1031 641 (RH)
- 79 1031 643 (ILF)
- 72 1035 644 (LH)
- 76 1035 642 (LH)*
- 79 1031 642 (LH)



- 12 1035 003 (NH)
- 72 1035 603 (RH)
- 76 1035 603 (RH)*
- 76 1035 605 (ILF)*
- 79 1031 603 (RH)
- 79 1031 605 (ILF)
- 72 1035 604 (LH)
- 76 1035 604 (LH)*
- 79 1031 604 (LH)

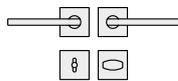


- 12 1035 023 (NH)
- 72 1035 623 (RH)
- 76 1035 623 (RH)*
- 76 1035 625 (ILF)*
- 79 1031 623 (RH)
- 79 1031 625 (ILF)
- 72 1035 624 (LH)
- 76 1035 624 (LH)*
- 79 1031 624 (LH)

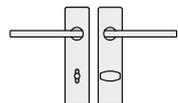


- 72 1035 637 (RH)
- 76 1035 637 (RH)*
- 79 1031 637 (RH)
- 72 1035 638 (LH)
- 76 1035 638 (LH)*
- 79 1031 638 (LH)

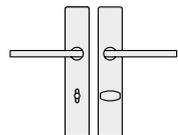
Bathroom sets



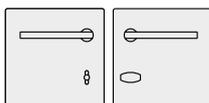
- 12 1035 045 (NH)
- 72 1035 645 (RH)
- 72 1035 646 (LH)



- 12 1035 005 (NH)
- 72 1035 605 (RH)
- 72 1035 606 (LH)



- 12 1035 025 (NH)
- 72 1035 625 (RH)
- 72 1035 626 (LH)



- 72 1035 639 (RH)
- 72 1035 640 (LH)

Window handles

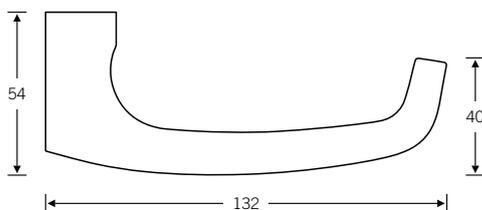


- 34 1035 09032 (Rose 27 × 62 × 10)
- 34 1035 09040 (Rose 32.5 × 70 × 10)
- 34 1035 09036 (Rose 25.5 × 60.5 flush-fit)
- 34 1035 170 (lock adaptor RC 1–6)
- 34 1035 076 (lock adaptor with push-button RC 1–6)

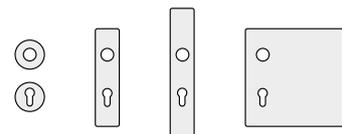


- 34 3784 09040 (Rose 32.5 × 70 × 10)
- 34 3784 170 (lock adaptor RC 1–6)
- 34 3784 076 (lock adaptor with push-button RC 1–6)

FSB 1045 is based on FSB model 1015, conceived in the 1930s by the Wehag company. Given the unceasing use of the FSB 1015 model in Public Project ventures, we have supplemented it with a return variant conforming to DIN EN 179.



Recommended rose/backplate variants



EN 179

Wide-backplate set in Bronze to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1045 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a



Narrow-door handles



Standard



09 1045 (in-line) | Page 421
06 1045 (cranked) | Page 420



Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1015 09030 | Page 323

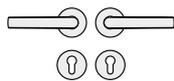
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



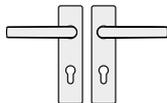
 12 1045 013 (NH)

 72 1045 613 (RH)

 79 1045 613 (RH)

 72 1045 614 (LH)

 79 1045 614 (LH)



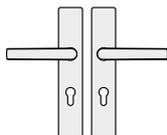
 12 1045 001 (NH)

 72 1045 601 (RH)

 79 1045 601 (RH)

 72 1045 602 (LH)

 79 1045 602 (LH)



 12 1045 021 (NH)

 72 1045 621 (RH)

 79 1045 621 (RH)

 72 1045 622 (LH)

 79 1045 622 (LH)

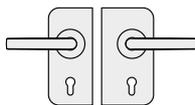


 72 1045 633 (RH)

 79 1045 633 (RH)

 72 1045 634 (LH)

 79 1045 634 (LH)



 13 4223 042 (RH) with
72 1045 61350 (RH)

 13 4223 041 (RH) with
10 1045 00100

 13 4223 052 (LH) with
72 1045 61450 (LH)

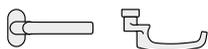
 13 4223 051 (LH) with
10 1045 00100

Narrow-door handles



 09 1045 011

 09 1045 012



 06 1045 011

 06 1045 012

 06 1045 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

 07 0829 228 (fixed, Stainless Steel + Bronze)

 07 0829 428 (fixed, Aluminium)



07 0809 228 (fixed)

 07 0809 228 (fixed, Stainless Steel + Bronze)

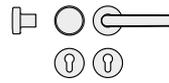
 07 0809 428 (fixed, Aluminium)



17 1757

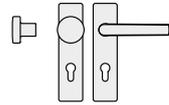
Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

Lever/knob sets



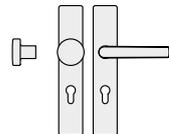
12 1045 017 (NH)
 72 1045 617 (RH)
 79 1045 617 (RH)
 79 1045 619 (ILF)

72 1045 618 (LH)
 79 1045 618 (LH)



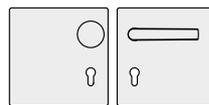
12 1045 003 (NH)
 72 1045 603 (RH)
 79 1045 603 (RH)
 79 1045 605 (ILF)

72 1045 604 (LH)
 79 1045 604 (LH)



12 1045 023 (NH)
 72 1045 623 (RH)
 79 1045 623 (RH)
 79 1045 625 (ILF)

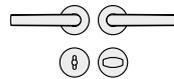
72 1045 624 (LH)
 79 1045 624 (LH)



72 1045 637 (RH)
 79 1045 637 (RH)

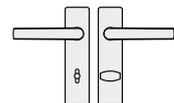
72 1045 638 (LH)
 79 1045 638 (LH)

Bathroom sets



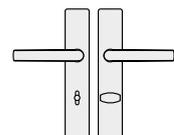
12 1045 019 (NH)
 72 1045 619 (RH)

72 1045 620 (LH)



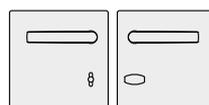
12 1045 005 (NH)
 72 1045 605 (RH)

72 1045 606 (LH)



12 1045 025 (NH)
 72 1045 625 (RH)

72 1045 626 (LH)



72 1045 639 (NH)

72 1045 640 (LH)

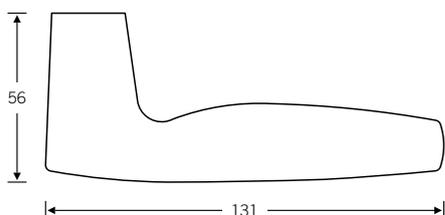
Window handles



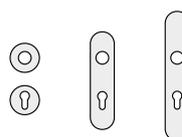
34 1015 09030 (Rose 27 × 62 × 10)
 34 1015 09039 (Rose 32.5 × 70 × 10)
 34 1015 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1015 170 (lock adaptor RC 1–6)
 34 1015 076 (lock adaptor with push-button RC 1–6)

3a

Lever handle model FSB 1051 has veritably come to epitomise FSB. The “Schneider Handle” was one of Johannes Potente’s supreme creations and a market leader in the 1960s. It exudes great harmony with its moulded-to-the-hand styling. FSB 1051 is one of four models designed by Johannes Potente now on permanent display at the MoMA in New York.



Recommended rose/backplate variants



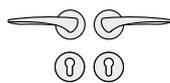
Design: Johannes Potente

surface-mtd

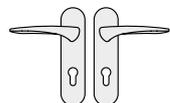


Bearings information | Page 24 ff.

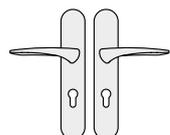
Lever/lever sets



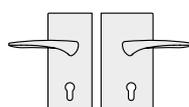
➤ 12 1051 013 (NH)



➤ 12 1051 007 (NH)



➤ 12 1051 027 (NH)



➤ 13 4220 041 (RH) with 10 1051 00100 ➤ 13 4220 051 (LH) with 10 1051 00100

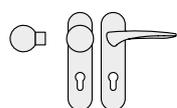
Lever/knob sets



➤ 12 1051 015 (RH)

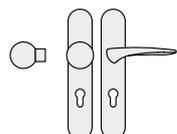
➤ 12 1051 016 (LH)

(here: right-handed under the German DIN standard)



➤ 12 1051 009 (RH)

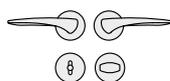
➤ 12 1051 010 (LH)



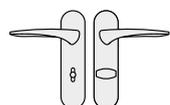
➤ 12 1051 029 (RH)

➤ 12 1051 030 (LH)

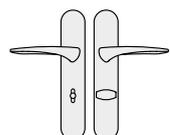
Bathroom sets



➤ 12 1051 019 (NH)



➤ 12 1051 011 (NH)



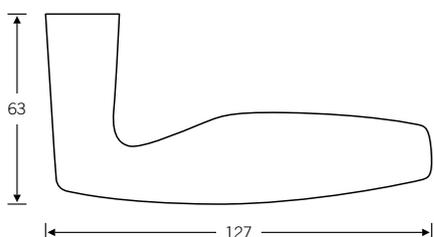
➤ 12 1051 031 (NH)

Window handles

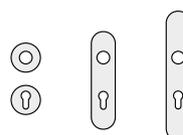


34 1058 09030 (Rose 27 × 62 × 10)
 34 1058 09039 (Rose 32.5 × 70 × 10)
 34 1058 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1058 170 (lock adaptor RC 1–6)
 34 1058 076 (lock adaptor with push-button RC 1–6)
 34 1058 | Page 326

Lever handle model FSB 1057 is the work of Munich-based designer Jan Roth. Singularly unimpressed by the models then on sale, he decided to design a handle of his own. After the first casting in Aluminium, he took the polished parts home with him and duly fitted them to his doors, which is where they still are today.



Recommended rose/backplate variants



Design: Jan Roth

* restrictions for some variants

surface-mtd

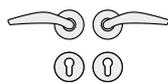


flush-fitted*

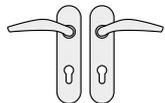


Bearings information | Page 24 ff.

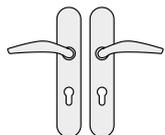
Lever/lever sets



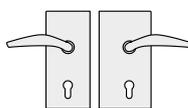
 12 1057 013 (NH)



 12 1057 007 (NH)



 12 1057 027 (NH)



 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1057 00100 10 1057 00100

Restrictions for some variants

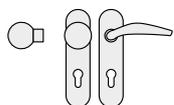
Lever/knob sets



 12 1057 015 (RH)

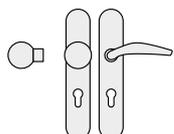
 12 1057 016 (LH)

(here: right-handed under the German DIN standard)



 12 1057 009 (RH)

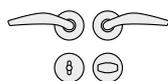
 12 1057 010 (LH)



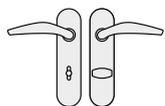
 12 1057 029 (RH)

 12 1057 030 (LH)

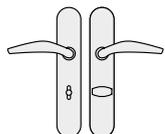
Bathroom sets



 12 1057 019 (NH)



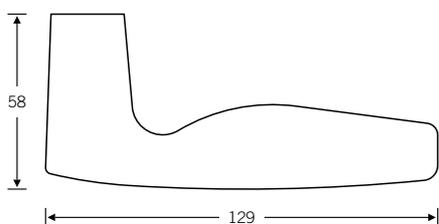
 12 1057 011 (NH)



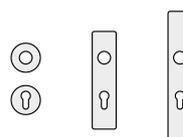
 12 1057 031 (NH)

3a

FSB 1058 was Johannes Potente's own personal favourite. We are unable to say why, two years after designing his superlative FSB 1051, he followed up with this redesign. FSB 1058 is one of four models designed by Johannes Potente now on permanent display at the MoMA in New York.



Recommended rose/backplate variants



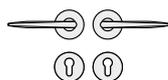
Design: Johannes Potente

surface-mtd

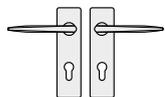


Bearings information | Page 24 ff.

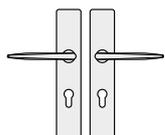
Lever/lever sets



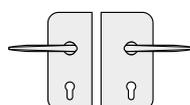
 12 1058 013 (NH)



 12 1058 001 (NH)



 12 1058 021 (NH)



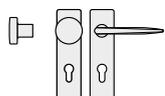
 13 4223 041 (RH) with  13 4223 051 (LH) with
10 1058 00100 10 1058 00100

Restrictions for some variants

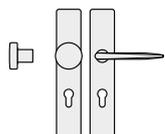
Lever/knob sets



 12 1058 017 (NH)

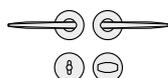


 12 1058 003 (NH)

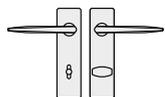


 12 1058 023 (NH)

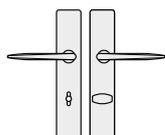
Bathroom sets



 12 1058 019 (NH)



 12 1058 005 (NH)



 12 1058 025 (NH)

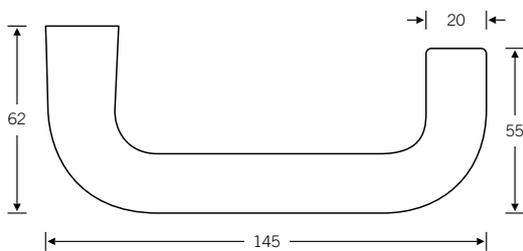
Window handles



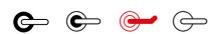
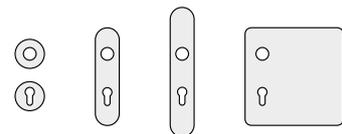
34 1058 09030 (Rose 27 × 62 × 10)
34 1058 09039 (Rose 32.5 × 70 × 10)
34 1058 09034 (Rose 25.5 × 60.5 flush-fit)
34 1058 170 (lock adaptor RC 1–6)
34 1058 076 (lock adaptor with push-button RC 1–6)
34 1058 | Page 326

3a

This is a lever handle design that became “really famous” during the heyday of colour in the 1970s. For many student architects from those days this model sums up the architecture of the age.



Recommended rose/backplate variants



EN 179

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.

Glass-door hardware



Standard



here: 13 4223 with 72 1070 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a

Narrow-door handles

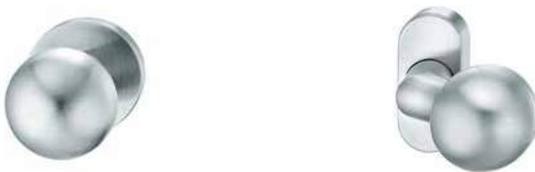


Standard



09 1070 (in-line) | Page 421
06 1070 (cranked) | Page 420

Door knobs



Flush doors



Narrow stile doors

23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444

Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10

Rose 25.5 × 60.5 flush-fit

lockable

34 1070 09030 | Page 326

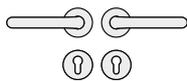
Additional handle-system hardware:

Parallel slide/tilt fitting 34 1146 012. | Page 359
Lift-and slide door hardware 34 1146 011.. | Page 363
Door pull 66 6602 | Page 532
Door pull 66 6662 | Page 546
XXL door lever handle 79 1090 | Page 642
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



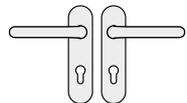
 12 1070 013 (NH)

 72 1070 613 (RH)

 79 1070 613 (RH)

 72 1070 614 (LH)

 79 1070 614 (LH)



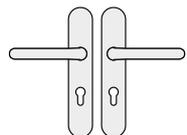
 12 1070 007 (NH)

 72 1070 607 (RH)

 79 1070 607 (RH)

 72 1070 608 (LH)

 79 1070 608 (LH)



 12 1070 027 (NH)

 72 1070 627 (RH)

 79 1070 627 (RH)

 72 1070 628 (LH)

 79 1070 628 (LH)

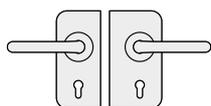


 72 1070 633 (RH)

 79 1070 633 (RH)

 72 1070 634 (LH)

 79 1070 634 (LH)



 13 4223 042 (RH) with
72 1070 61350 (RH)

 13 4223 041 (RH) with
10 1070 00100

 13 4223 052 (LH) with
72 1070 61450 (LH)

 13 4223 051 (LH) with
10 1070 00100

Narrow-door handles



 09 1070 011

 09 1070 012



 06 1070 011

 06 1070 012

 06 1070 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel)

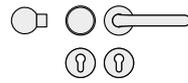
 07 0846 428 (fixed, Aluminium)



17 1757

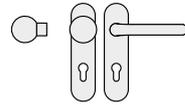
Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

Lever/knob sets



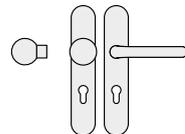
 12 1070 015 (NH)
 72 1070 615 (RH)
 79 1070 615 (RH)
 79 1070 619 (ILF)

 72 1070 616 (LH)
 79 1070 616 (LH)



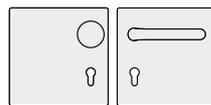
 12 1070 009 (NH)
 72 1070 609 (RH)
 79 1070 609 (RH)
 79 1070 611 (ILF)

 72 1070 610 (LH)
 79 1070 610 (LH)



 12 1070 029 (NH)
 72 1070 629 (RH)
 79 1070 629 (RH)
 79 1070 631 (ILF)

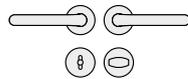
 72 1070 630 (LH)
 79 1070 630 (LH)



 72 1070 635 (RH)
 79 1070 635 (RH)

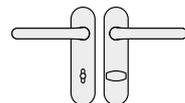
 72 1070 636 (LH)
 79 1070 636 (LH)

Bathroom sets



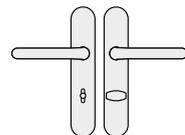
 12 1070 019 (NH)
 72 1070 619 (RH)

 72 1070 620 (LH)



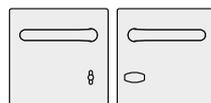
 12 1070 011 (NH)
 72 1070 611 (RH)

 72 1070 612 (LH)



 12 1070 031 (NH)
 72 1070 631 (RH)

 72 1070 632 (LH)



 72 1070 639 (RH)

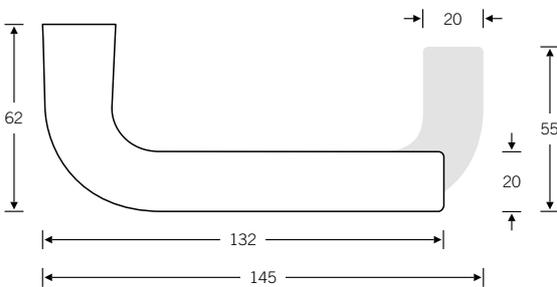
 72 1070 640 (LH)

Window handles

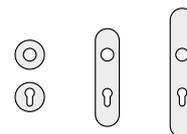


34 1070 09030 (Rose 27 × 62 × 10)
 34 1070 09039 (Rose 32.5 × 70 × 10)
 34 1070 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1070 170 (lock adaptor RC 1–6)
 34 1070 076 (lock adaptor with push-button RC 1–6)

The 1920s: architect Mallet-Stevens mitred two sections of tubing together – FSB 1076; Ludwig Wittgenstein bends Brass tubing – FSB 1147; Messrs Gropius and Meyer marry a section of square material bent at right angles to a sleeve-type grip – FSB 1102. Who it was who sawed the semi-circular tip off of FSB 1147 is still a mystery today.



Recommended rose/backplate variants



EN 179

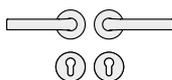
 EN 179 model: FSB 1070 | Page 134

* restrictions for some variants

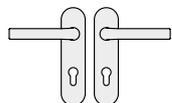
surface-mtd	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
flush-fitted*	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Bearings information | Page 24 ff.

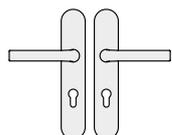
Lever/lever sets



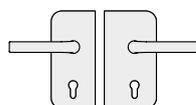
 12 1075 013 (NH)



 12 1075 007 (NH)



 12 1075 027 (NH)

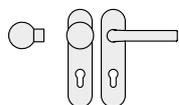


 13 4223 041 (RH) with  13 4223 051 (LH) with
10 1075 00100 10 1075 00100

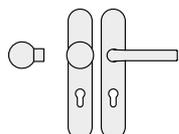
Lever/knob sets



 12 1075 015 (NH)

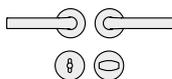


 12 1075 009 (NH)

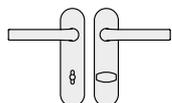


 12 1075 029 (NH)

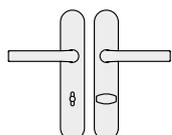
Bathroom sets



 12 1075 019 (NH)



 12 1075 011 (NH)



 12 1075 031 (NH)

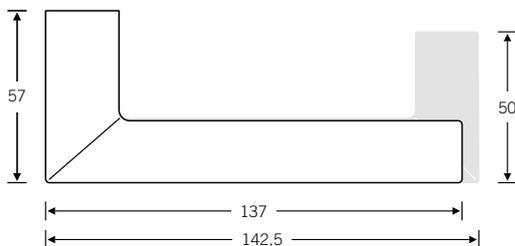
Window handles



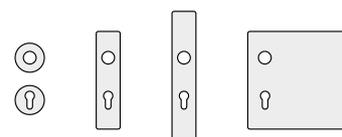
34 1075 09030 (Rose 27 × 62 × 10)
34 1075 09039 (Rose 32.5 × 70 × 10)
34 1075 09034 (Rose 25.5 × 60.5 flush-fit)
34 1075 170 (lock adaptor RC 1–6)
34 1075 076 (lock adaptor with push-button RC 1–6)
34 1075 | Page 327

3a

It was the architect Robert Mallet-Stevens (1886–1945) who hit upon the idea of splitting a round tube in two and mitring the ends back together again at right angles. His creation is now known as the “Frankfurt model”. The handle was rediscovered when the Architecture Museum was built in Frankfurt and it proceeded to take the market by storm.



Recommended rose/backplate variants



EN 179

 EN 179 model: FSB 1016 | Page 100

Wide-backplate set in Bronze to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4224 with 10 1076 | Page 476

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a



Narrow-door handles



Standard



09 1076 (in-line) | Page 423

06 1076 (cranked) | Page 422

06 1076 not in Bronze or Brass



Door knobs



Flush doors



Narrow stile doors



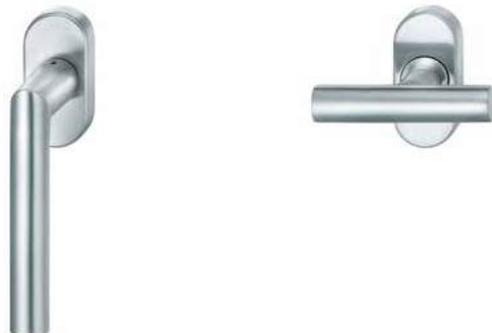
23 0829 (for flush doors) | Page 303

07 0809 (for narrow stile doors) | Page 443

23 0829 not in Brass



Window handles



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1076 09030 | Page 327

34 3403 09030 | Page 347

34 3403 not in Bronze or Brass

Additional handle-system hardware:

Parallel slide/tilt fitting 34 1016 012. | Page 359

Lift-and slide door hardware 34 1016 011.. | Page 362

Door pull 66 6514 | Page 534

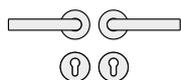
Door pull 66 6669 | Page 547

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1076 013 (NH)

 72 1076 613 (RH)

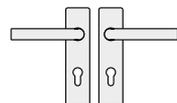
 72 1076 614 (LH)

 76 1076 613 (RH)

 76 1076 614 (LH)

 79 1016 613 (RH)

 79 1016 614 (LH)



 12 1076 001 (NH)

 72 1076 601 (RH)

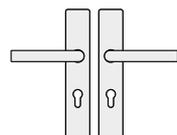
 72 1076 602 (LH)

 76 1076 601 (RH)

 76 1076 602 (LH)

 79 1016 601 (RH)

 79 1016 602 (LH)



 12 1076 021 (NH)

 72 1076 621 (RH)

 72 1076 622 (LH)

 76 1076 621 (RH)

 76 1076 622 (LH)

 79 1016 621 (RH)

 76 1016 622 (LH)



 72 1076 633 (RH)

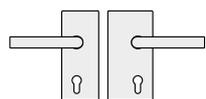
 72 1076 634 (LH)

 76 1076 633 (RH)

 76 1076 634 (LH)

 79 1016 633 (RH)

 79 1016 634 (LH)



 13 4224 042 (RH) with
10 1076 00300

 13 4224 052 (LH) with
10 1076 00300

Narrow-door handles



 09 1076 011

 09 1076 012



 09 1016 011

 09 1016 012



 06 1076 011

 06 1076 012

 06 1076 023 (ILF)



 06 1016 011

 06 1016 012

 06 1016 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

 07 0829 228 (fixed, Stainless Steel)

 07 0829 428 (fixed, Aluminium)



07 0809 228 (fixed)

 07 0809 228 (fixed, Stainless Steel)

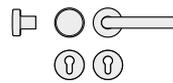
 07 0809 428 (fixed, Aluminium)



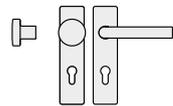
17 1757

Heavy-duty and fire-safety hardware not in Brass
Wide-backplate set in Bronze to order

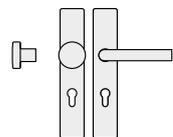
Lever/knob sets*



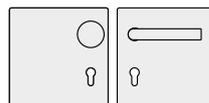
12 1076 017 (NH)	72 1076 618 (LH)
72 1076 617 (RH)	76 1076 618 (LH)
76 1076 617 (RH)	
76 1076 619 (ILF)	
79 1016 617 (RH)	79 1016 618 (LH)
79 1016 619 (ILF)	



12 1076 003 (NH)	72 1076 604 (LH)
72 1076 603 (RH)	76 1076 604 (LH)
76 1076 603 (RH)	
76 1076 605 (ILF)	
79 1016 603 (RH)	79 1016 604 (LH)
79 1016 605 (ILF)	

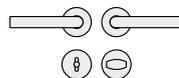


12 1076 023 (NH)	72 1076 624 (LH)
72 1076 623 (RH)	76 1076 624 (LH)
76 1076 623 (RH)	
76 1076 625 (ILF)	
79 1016 623 (RH)	79 1016 624 (LH)
79 1016 625 (ILF)	

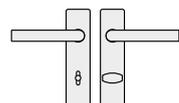


72 1076 637 (RH)	72 1076 638 (LH)
76 1076 637 (RH)	76 1076 638 (LH)
79 1016 637 (RH)	79 1016 638 (LH)

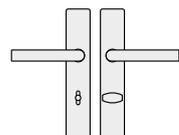
Bathroom sets



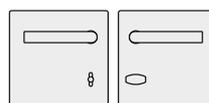
12 1076 019 (NH)	72 1076 620 (LH)
72 1076 619 (RH)	



12 1076 005 (NH)	72 1076 606 (LH)
72 1076 605 (RH)	



12 1076 025 (NH)	72 1076 626 (LH)
72 1076 625 (RH)	



72 1076 639 (RH)	72 1076 640 (LH)
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Window handles



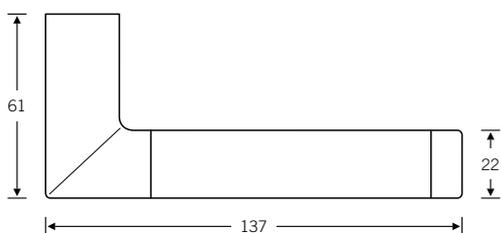
34 1076 09030 (Rose 27 × 62 × 10)
34 1076 09039 (Rose 32.5 × 70 × 10)
34 1076 09034 (Rose 25.5 × 60.5 flush-fit)
34 1076 170 (lock adaptor RC 1–6)
34 1076 076 (lock adaptor with push-button RC 1–6)



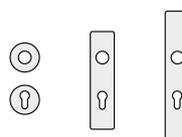
34 3403 09039 (Rose 32.5 × 70 × 10)
34 3403 170 (lock adaptor RC 1–6)
34 3403 076 (lock adaptor with push-button RC 1–6)
34 3499 00012 (shortened handle neck)

* Material: Brass with knob 23 0802

The idea behind the FSB 1077 lever handle series was simply to give architects, installers and end-users a say in the production of their door handles by allowing them to choose the material for the grip. A democratic handle, one might say!



Recommended rose/backplate variants



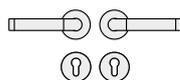
Combinations:
 Roses/backplates and lever neck
 Natural Anodised Aluminium (FSB 0105),
 grip Stainless Steel or Black Hard Plastic

surface-mtd ● ●
 flush-fitted ●

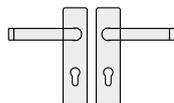
Bearings information | Page 24 ff.

Door pull 66 6541 | Page 538

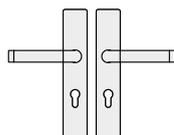
Lever/lever sets



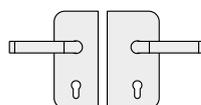
12 1077 013 (NH)



12 1077 001 (NH)

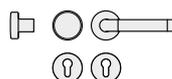


12 1077 021 (NH)

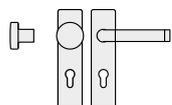


13 4223 041 (RH) with 10 1077 00100 13 4223 051 (LH) with 10 1077 00100

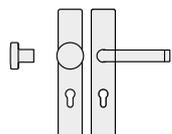
Lever/knob sets



12 1077 017 (NH)

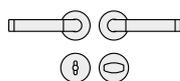


12 1077 003 (NH)

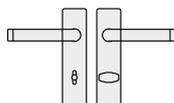


12 1077 023 (NH)

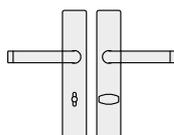
Bathroom sets



12 1077 019 (NH)



12 1077 005 (NH)



12 1077 025 (NH)

Window handles



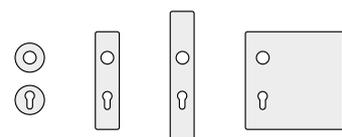
34 1077 09030 (Rose 27 × 62 × 10)
 34 1077 09039 (Rose 32.5 × 70 × 10)
 34 1077 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1077 170 (lock adaptor RC 1–6)
 34 1077 076 (lock adaptor with push-button RC 1–6)
 34 1077 | Page 328

3a

The role model for Christoph Ingenhoven's design was that quintessential "classic", FSB 1076, whose mitring and grip section he rejigged. What's so especially pleasing about this model is the formal transition from a round neck to a grip section that is flat at the top and bottom. The companion return-to-the-handle variant supplements the open model with one conforming to EN 179.



Recommended rose/backplate variants



Design:
Christoph Ingenhoven

 EN 179 model: FSB 1088

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4224 with 10 1078 | Page 476

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a



Narrow-door handles



Standard



09 1088 (in-line) | Page 425
06 1088 (cranked) | Page 424



Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1078 09030 | Page 328

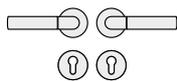
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1078 013 (NH)

 72 1078 613 (RH)

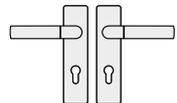
 76 1078 613 (RH)

 79 1088 613 (RH)

 72 1078 614 (LH)

 76 1078 614 (LH)

 79 1088 614 (LH)



 12 1078 001 (NH)

 72 1078 601 (RH)

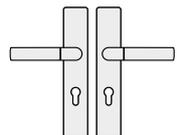
 76 1078 601 (RH)

 79 1088 601 (RH)

 72 1078 602 (LH)

 76 1078 602 (LH)

 79 1088 602 (LH)



 12 1078 021 (NH)

 72 1078 621 (RH)

 76 1078 621 (RH)

 79 1088 621 (RH)

 72 1078 622 (LH)

 76 1078 622 (LH)

 79 1088 622 (LH)



 72 1078 633 (RH)

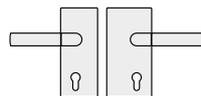
 76 1078 633 (RH)

 79 1088 633 (RH)

 72 1078 634 (LH)

 76 1078 634 (LH)

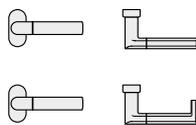
 79 1088 634 (LH)



 13 4224 042 (RH) with
10 1078 00300

 13 4224 052 (LH) with
10 1078 00300

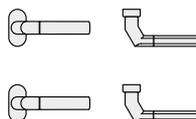
Narrow-door handles



 09 1078 011

 09 1078 012

 09 1088 012



 06 1078 011

 06 1078 012

 06 1088 012

 06 1078 023 (ILF)

 06 1088 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

 07 0829 228 (fixed, Stainless Steel)

 07 0829 428 (fixed, Aluminium)



07 0809 228 (fixed)

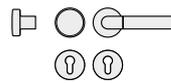
 07 0809 228 (fixed, Stainless Steel)

 07 0809 428 (fixed, Aluminium)

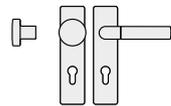


17 1757

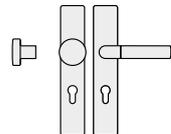
Lever/knob sets



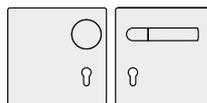
- 12 1078 017 (NH)
- 72 1078 617 (RH)
- 76 1078 617 (RH)
- 76 1078 619 (ILF)
- 79 1088 617 (RH)
- 79 1088 619 (ILF)
- 72 1078 618 (LH)
- 76 1078 618 (LH)
- 79 1088 618 (LH)



- 12 1078 003 (NH)
- 72 1078 603 (RH)
- 76 1078 603 (RH)
- 76 1078 605 (ILF)
- 79 1088 603 (RH)
- 79 1088 605 (ILF)
- 72 1078 604 (LH)
- 76 1078 604 (LH)
- 79 1088 604 (LH)

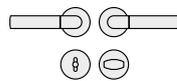


- 12 1078 023 (NH)
- 72 1078 623 (RH)
- 76 1078 623 (RH)
- 76 1078 625 (ILF)
- 79 1088 623 (RH)
- 79 1088 625 (ILF)
- 72 1078 624 (LH)
- 76 1078 624 (LH)
- 79 1088 624 (LH)

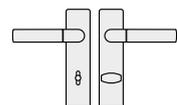


- 72 1078 637 (RH)
- 76 1078 637 (RH)
- 79 1088 637 (RH)
- 72 1078 638 (LH)
- 76 1078 638 (LH)
- 79 1088 638 (LH)

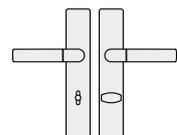
Bathroom sets



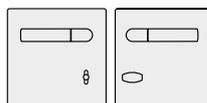
- 12 1078 019 (NH)
- 72 1078 619 (RH)
- 72 1078 620 (LH)



- 12 1078 005 (NH)
- 72 1078 605 (RH)
- 72 1078 606 (LH)



- 12 1078 025 (NH)
- 72 1078 625 (RH)
- 72 1078 626 (LH)



- 72 1078 639 (RH)
- 72 1078 640 (LH)

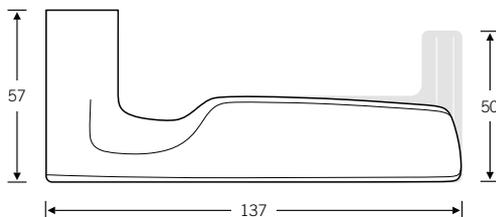
Window handles



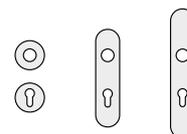
- 34 1078 09030 (Rose 27 × 62 × 10)
- 34 1078 09039 (Rose 32.5 × 70 × 10)
- 34 1078 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1078 170 (lock adaptor RC 1–6)
- 34 1078 076 (lock adaptor with push-button RC 1–6)

3a

Helmut Jahn and Yorgo Lykouria came to lever handle design without any preconceptions whatsoever. Emptying their minds of the constraints of industrial production processes, they sought a form combining geometric and ergonomic elements. The upshot is a genuine innovation of the moulded-to-the-hand concept.



Recommended rose/backplate variants



Design: Helmut Jahn,
Yorgo Lykouria

 EN 179 model: FSB 1094

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1093 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a



Narrow-door handles



Standard



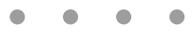
09 1093 (in-line) | Page 425
06 1093 (cranked) | Page 424



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1093 09030 | Page 329

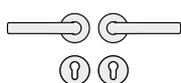
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



12 1093 013 (NH)

72 1093 613 (RH)

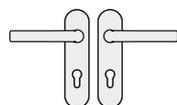
76 1093 613 (RH)

79 1094 613 (RH)

72 1093 614 (LH)

76 1093 614 (LH)

79 1094 614 (LH)



12 1093 007 (NH)

72 1093 607 (RH)

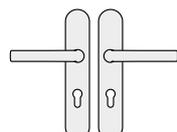
76 1093 607 (RH)

79 1094 607 (RH)

72 1093 608 (LH)

76 1093 608 (LH)

79 1094 608 (LH)



12 1093 027 (NH)

72 1093 627 (RH)

76 1093 627 (RH)

79 1094 627 (RH)

72 1093 628 (LH)

76 1093 628 (LH)

79 1094 628 (LH)



13 4223 042 (RH) with
72 1093 61350 (RH)

13 4223 041 (RH) with
10 1093 00100

13 4223 052 (LH) with
72 1093 61450 (LH)

13 4223 051 (LH) with
10 1093 00100

Narrow-door handles



09 1093 011

09 1093 012

09 1094 012



06 1093 011

06 1093 012

06 1094 012

06 1093 023 (ILF)

06 1094 023 (ILF)



Narrow-door knobs



07 0802 228 (fixed)

07 0802 228 (fixed, Stainless Steel)

07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

07 0846 228 (fixed, Stainless Steel)

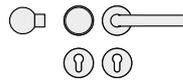
07 0846 428 (fixed, Aluminium)



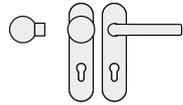
17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

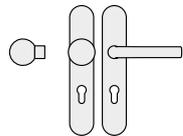
Lever/knob sets



- 12 1093 015 (NH)
- 72 1093 615 (RH)
- 76 1093 615 (RH)
- 76 1093 619 (ILF)
- 79 1094 615 (RH)
- 79 1094 619 (ILF)
- 72 1093 616 (LH)
- 76 1093 616 (LH)
- 79 1094 616 (LH)

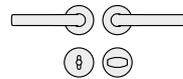


- 12 1093 009 (NH)
- 72 1093 609 (RH)
- 76 1093 609 (RH)
- 76 1093 611 (ILF)
- 79 1094 609 (RH)
- 79 1094 611 (ILF)
- 72 1093 610 (LH)
- 76 1093 610 (LH)
- 79 1094 610 (LH)

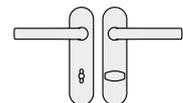


- 12 1093 029 (NH)
- 72 1093 629 (RH)
- 76 1093 629 (RH)
- 76 1093 631 (ILF)
- 79 1094 629 (RH)
- 79 1094 631 (ILF)
- 72 1093 630 (LH)
- 76 1093 630 (LH)
- 79 1094 630 (LH)

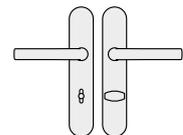
Bathroom sets



- 12 1093 019 (NH)
- 72 1093 619 (RH)
- 72 1093 620 (LH)



- 12 1093 011 (NH)
- 72 1093 611 (RH)
- 72 1093 612 (LH)



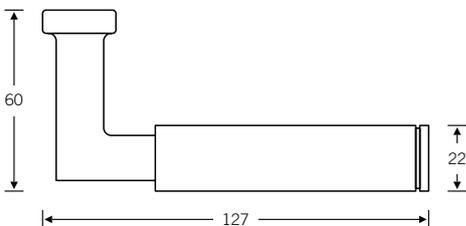
- 12 1093 031 (NH)
- 72 1093 631 (RH)
- 72 1093 632 (LH)

Window handles

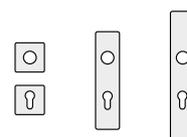


- 34 1093 09030 (Rose 27 × 62 × 10)
- 34 1093 09039 (Rose 32.5 × 70 × 10)
- 34 1093 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1093 170 (lock adaptor RC 1–6)
- 34 1093 076 (lock adaptor with push-button RC 1–6)

The FSB 1102 model is rooted in a redesign venture by Alessandro Mendini, who refashioned the celebrated Gropius lever handle by using a different material and adding a groove as one of his submissions to FSB's Design Workshop held in 1986. We now supply FSB 1102 in four materials but would recommend using the Stainless Steel or Bronze variants on heavily used doors.



Recommended rose/backplate variants



Design: Alessandro Mendini Material versions see Page 157

Aluminium model can only be supplied in 0105 Natural-colour Anodised, Bronze model only in 7615 Bright Patinated Waxed Bronze

surface-mtd* ● ● ● ●

flush-fitted* ● ● ●

Bearings information | Page 24 ff.

* restrictions for some variants



Glass-door hardware



Standard



here: 13 4224 with 10 1102 | Page 476

Restrictions for some variants

3a



Narrow-door handles



Standard



09 1102 (in-line)



Door knobs



Flush doors



Narrow stile doors



23 0811 (for flush doors) | Page 302
07 0812 (for narrow stile doors) | Page 442



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1102 09032 | Page 329

Additional handle-system hardware:

Lift-and slide door hardware 34 1102 011.. | Page 363

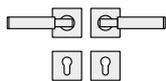
Door pull 66 6546 | Page 539

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



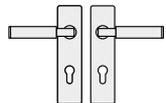
 12 1102 041 (NH)

 72 1102 641 (RH)

 76 1102 639 (RH)

 72 1102 642 (LH)

 76 1102 640 (LH)



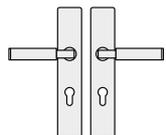
 12 1102 001 (NH)

 72 1102 601 (RH)

 76 1102 601 (RH)

 72 1102 602 (LH)

 76 1102 602 (LH)



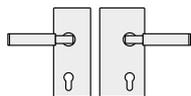
 12 1102 021 (NH)

 72 1102 621 (RH)

 76 1102 621 (RH)

 72 1102 622 (LH)

 76 1102 622 (LH)



 13 4224 042 (RH) with
10 1102 00300

 13 4224 052 (LH) with
10 1102 00300

Narrow-door handles



 09 1102 071

 09 1102 072

Narrow-door knobs



07 0811 229 (fixed)

 07 0811 229 (fixed, Stainless Steel + Bronze)

 07 0811 429 (fixed, Aluminium)



07 0812 229 (fixed)

 07 0812 229 (fixed, Stainless Steel + Bronze)

 07 0812 429 (fixed, Aluminium)



17 1778

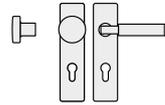
Heavy-duty and fire-safety hardware only in Stainless Steel and Bronze

Lever/knob sets



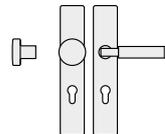
 12 1102 043 (NH)
 72 1102 643 (RH)
 76 1102 641 (RH)
 76 1102 643 (ILF)

 72 1102 644 (LH)
 76 1102 642 (LH)



 12 1102 003 (NH)
 72 1102 603 (RH)
 76 1102 603 (RH)
 76 1102 605 (ILF)

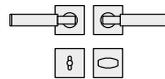
 72 1102 604 (LH)
 76 1102 604 (LH)



 12 1102 023 (NH)
 72 1102 623 (RH)
 76 1102 623 (RH)
 76 1102 625 (ILF)

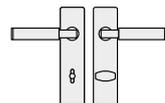
 72 1102 624 (LH)
 76 1102 624 (LH)

Bathroom sets



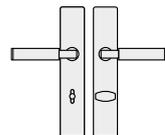
 12 1102 045 (NH)
 72 1102 645 (RH)

 72 1102 646 (LH)



 12 1102 005 (NH)
 72 1102 605 (RH)

 72 1102 606 (LH)



 12 1102 025 (NH)
 72 1102 625 (RH)

 72 1102 626 (LH)

Window handles

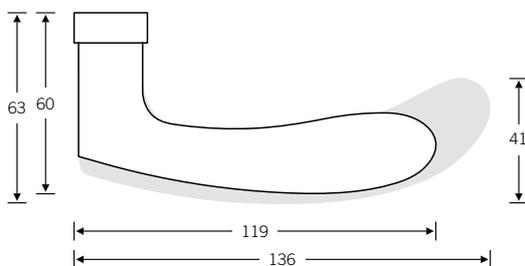


34 1102 09032 (Rose 27 × 62 × 10)
 34 1102 09040 (Rose 32.5 × 70 × 10)
 34 1102 09036 (Rose 25.5 × 60.5 flush-fit)
 34 1102 170 (lock adaptor RC 1–6)
 34 1102 076 (lock adaptor with push-button RC 1–6)

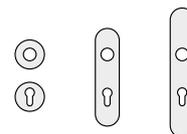
Material options (please advise with order):

- Aluminium
- Lever neck/rose Aluminium, grip Black Plastic
- Stainless Steel
- Lever neck/rose Stainless Steel, grip Black Plastic
- Brass
- Bronze

FSB 1106 is marked by the way it marries traditional styling to a wide range of classic hardware materials. It echoes the formal properties of its smaller brother FSB 1135. Technically speaking, though, it has had an FSB compensating bearing added in order to meet the requirements for heavy-duty AGL® and AGL® FS door furniture and there is now also a variant conforming to EN 179.



Recommended rose/backplate variants



EN 179

Design: Christoph Mäckler  EN 179 model: FSB 1043

Wide-backplate set to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1106 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a



Narrow-door handles



Standard



09 1043 (in-line) | Page 419
06 1043 (cranked) | Page 418



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1106 09030 | Page 330

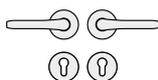
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1106 013 (NH)

 72 1106 613 (RH)

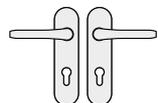
 72 1106 614 (LH)

 76 1106 613 (RH)

 76 1106 614 (LH)

 79 1043 613 (RH)

 79 1043 614 (LH)



 12 1106 007 (NH)

 72 1106 607 (RH)

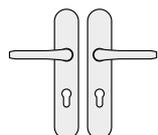
 72 1106 608 (LH)

 76 1106 607 (RH)

 76 1106 608 (LH)

 79 1043 607 (RH)

 79 1043 608 (LH)



 12 1106 027 (NH)

 72 1106 627 (RH)

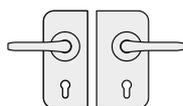
 72 1106 628 (LH)

 76 1106 627 (RH)

 76 1106 628 (LH)

 79 1043 627 (RH)

 79 1043 628 (LH)



 13 4223 042 (RH) with
72 1106 61350 (RH)

 13 4223 052 (LH) with
72 1106 61450 (LH)

 13 4223 041 (RH) with
10 1106 00100

 13 4223 051 (LH) with
10 1106 00100

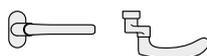
Narrow-door handles



 09 1106 011

 09 1106 012

 09 1043 012



 06 1043 011

 06 1043 012

 06 1043 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel + Bronze)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel + Bronze)

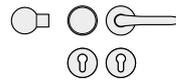
 07 0846 428 (fixed, Aluminium)



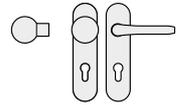
17 1757

Heavy-duty and fire-safety hardware not in Brass
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

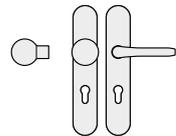
Lever/knob sets



- 12 1106 015 (NH)
- 72 1106 615 (RH)
- 76 1106 615 (RH)
- 76 1106 619 (ILF)
- 79 1043 615 (RH)
- 79 1043 619 (ILF)
- 72 1106 616 (LH)
- 76 1106 616 (LH)
- 79 1043 616 (LH)

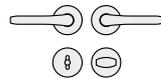


- 12 1106 009 (NH)
- 72 1106 609 (RH)
- 76 1106 609 (RH)
- 76 1106 611 (ILF)
- 79 1043 609 (RH)
- 79 1043 611 (ILF)
- 72 1106 610 (LH)
- 76 1106 610 (LH)
- 79 1043 610 (LH)

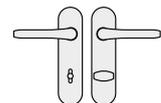


- 12 1106 029 (NH)
- 72 1106 629 (RH)
- 76 1106 629 (RH)
- 76 1106 631 (ILF)
- 79 1043 629 (RH)
- 79 1043 631 (ILF)
- 72 1106 630 (LH)
- 76 1106 630 (LH)
- 79 1043 630 (LH)

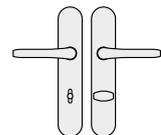
Bathroom sets



- 12 1106 019 (NH)
- 72 1106 619 (RH)
- 72 1106 620 (LH)



- 12 1106 011 (NH)
- 72 1106 611 (RH)
- 72 1106 612 (LH)



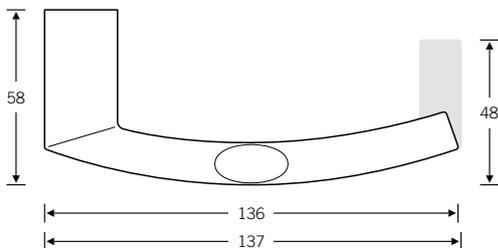
- 12 1106 031 (NH)
- 72 1106 631 (RH)
- 72 1106 632 (LH)

Window handles

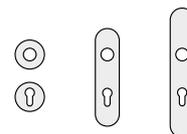


- 34 1106 09030 (Rose 27 × 62 × 10)
- 34 1106 09039 (Rose 32.5 × 70 × 10)
- 34 1106 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1106 170 (lock adaptor RC 1–6)
- 34 1106 076 (lock adaptor with push-button RC 1–6)

FSB 1107 is related to FSB 1108. FSB's in-house designer Hartmut Weise has imbued his "Brakel Lightweight" with the curve of a door in motion. His frame-door lever handles were not long in being joined by return-to-the-handle variant FSB 1177.



Recommended rose/backplate variants



EN 179

Design: Hartmut Weise

 EN 179 model: FSB 1177

Wide-backplate set to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



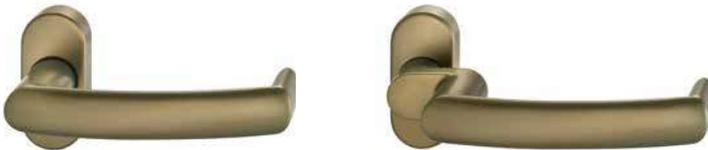
here: 13 4223 with 72 1107 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a



Narrow-door handles



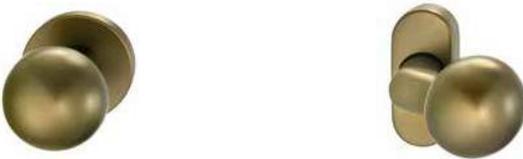
Standard



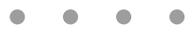
09 1177 (in-line) | Page 433
06 1177 (cranked) | Page 432



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1107 09030 | Page 330

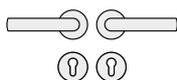
Additional handle-system hardware:

Door pulls 66 6535/36/37/38 | Page 519f.
Door pull 66 6542 | Page 521
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1107 013 (NH)

 72 1107 613 (RH)

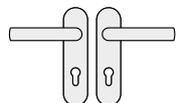
 76 1107 613 (RH)

 79 1177 613 (RH)

 72 1107 614 (LH)

 76 1107 614 (LH)

 79 1177 614 (LH)



 12 1107 007 (NH)

 72 1107 607 (RH)

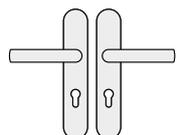
 76 1107 607 (RH)

 79 1177 607 (RH)

 72 1107 608 (LH)

 76 1107 608 (LH)

 79 1177 608 (LH)



 12 1107 027 (NH)

 72 1107 627 (RH)

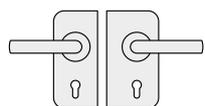
 76 1107 627 (RH)

 79 1177 627 (RH)

 72 1107 628 (LH)

 76 1107 628 (LH)

 79 1177 628 (LH)



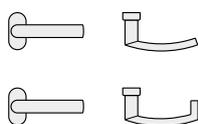
 13 4223 042 (RH) with
72 1107 61350 (RH)

 13 4223 041 (RH) with
10 1107 00100

 13 4223 052 (LH) with
72 1107 61450 (LH)

 13 4223 051 (LH) with
10 1107 00100

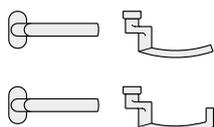
Narrow-door handles



 09 1107 011

 09 1107 012

 09 1177 012



 06 1107 011

 06 1107 012

 06 1177 012

 06 1107 023 (ILF)

 06 1177 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel)

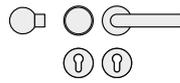
 07 0846 428 (fixed, Aluminium)



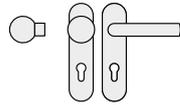
17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

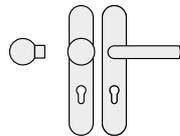
Lever/knob sets



- | | |
|-------------------|------------------|
| 12 1107 015 (NH) | 72 1107 616 (LH) |
| 72 1107 615 (RH) | 76 1107 615 (RH) |
| 76 1107 615 (RH) | 76 1107 616 (LH) |
| 76 1107 619 (ILF) | |
| 79 1177 615 (RH) | 79 1177 616 (LH) |
| 79 1177 619 (ILF) | |

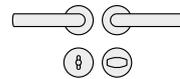


- | | |
|-------------------|------------------|
| 12 1107 009 (NH) | 72 1107 610 (LH) |
| 72 1107 609 (RH) | 76 1107 609 (RH) |
| 76 1107 609 (RH) | 76 1107 610 (LH) |
| 76 1107 611 (ILF) | |
| 79 1177 609 (RH) | 79 1177 610 (LH) |
| 79 1177 611 (ILF) | |

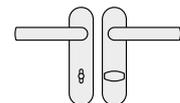


- | | |
|-------------------|------------------|
| 12 1107 029 (NH) | 72 1107 630 (LH) |
| 72 1107 629 (RH) | 76 1107 629 (RH) |
| 76 1107 629 (RH) | 76 1107 630 (LH) |
| 76 1107 631 (ILF) | |
| 79 1177 629 (RH) | 79 1177 630 (LH) |
| 79 1177 631 (ILF) | |

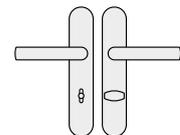
Bathroom sets



- | | |
|------------------|------------------|
| 12 1107 019 (NH) | 72 1107 620 (LH) |
| 72 1107 619 (RH) | |



- | | |
|------------------|------------------|
| 12 1107 011 (NH) | 72 1107 612 (LH) |
| 72 1107 611 (RH) | |



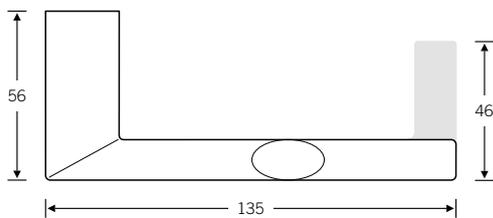
- | | |
|------------------|------------------|
| 12 1107 031 (NH) | 72 1107 632 (LH) |
| 72 1107 631 (RH) | |

Window handles

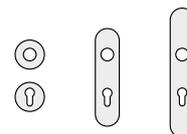


- 34 1107 09030 (Rose 27 × 62 × 10)
- 34 1107 09039 (Rose 32.5 × 70 × 10)
- 34 1107 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1107 170 (lock adaptor RC 1–6)
- 34 1107 076 (lock adaptor with push-button RC 1–6)

Our in-house designer Hartmut Weise was musing over what it is that gives the “Frankfurt Model” (FSB 1076) and “Wittgenstein’s Handle” their particular appeal. It was their “unpretentious presence,” he noted. He then determined to offer the market a sober design that was at the very least on a par with them. The upshot was FSB 1108 – a round tube coupled with a mitred grip of oval section. Is this the “Brakel Model”?



Recommended rose/backplate variants



EN 179

Design: Hartmut Weise

 EN 179 model: FSB 1178

Wide-backplate set to order

* restrictions for some variants

surface-mtd



flush-fitted*



Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1108 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a



Narrow-door handles



Standard



09 1178 (in-line) | Page 435

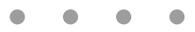
06 1178 (cranked) | Page 434



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301

07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1108 09030 | Page 331

Additional handle-system hardware:

Door pulls 66 6535/36/37/38 | Page 519f.

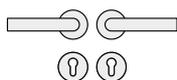
Door pull 66 6542 | Page 521

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1108 013 (NH)

 72 1108 613 (RH)

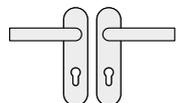
 76 1108 613 (RH)

 79 1178 613 (RH)

 72 1108 614 (LH)

 76 1108 614 (LH)

 79 1178 614 (LH)



 12 1108 007 (NH)

 72 1108 607 (RH)

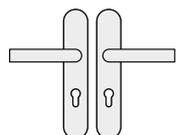
 76 1108 607 (RH)

 79 1178 607 (RH)

 72 1108 608 (LH)

 76 1108 608 (LH)

 79 1178 608 (LH)



 12 1108 027 (NH)

 72 1108 627 (RH)

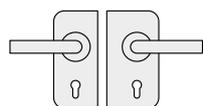
 76 1108 627 (RH)

 79 1178 627 (RH)

 72 1108 628 (LH)

 76 1108 628 (LH)

 79 1178 628 (LH)



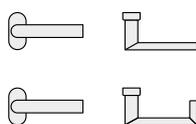
 13 4223 042 (RH) with
72 1108 61350 (RH)

 13 4223 041 (RH) with
10 1108 00100

 13 4223 052 (LH) with
72 1108 61450 (LH)

 13 4223 051 (LH) with
10 1108 00100

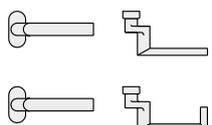
Narrow-door handles



 09 1108 011

 09 1108 012

 09 1178 012



 06 1108 011

 06 1108 012

 06 1178 012

 06 1108 023 (ILF)

 06 1178 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel)

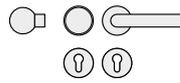
 07 0846 428 (fixed, Aluminium)



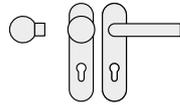
17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

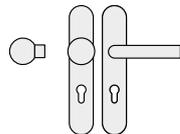
Lever/knob sets



- 12 1108 015 (NH)
- 72 1108 615 (RH)
- 76 1108 615 (RH)
- 76 1108 619 (ILF)
- 79 1178 615 (RH)
- 79 1178 619 (ILF)
- 72 1108 616 (LH)
- 76 1108 616 (LH)
- 79 1178 616 (LH)

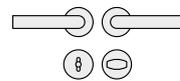


- 12 1108 009 (NH)
- 72 1108 609 (RH)
- 76 1108 609 (RH)
- 76 1108 611 (ILF)
- 79 1178 609 (RH)
- 79 1178 611 (ILF)
- 72 1108 610 (LH)
- 76 1108 610 (LH)
- 79 1178 610 (LH)

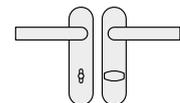


- 12 1108 029 (NH)
- 72 1108 629 (RH)
- 76 1108 629 (RH)
- 76 1108 631 (ILF)
- 79 1178 629 (RH)
- 79 1178 631 (ILF)
- 72 1108 630 (LH)
- 76 1108 630 (LH)
- 79 1178 630 (LH)

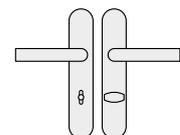
Bathroom sets



- 12 1108 019 (NH)
- 72 1108 619 (RH)
- 72 1108 620 (LH)



- 12 1108 011 (NH)
- 72 1108 611 (RH)
- 72 1108 612 (LH)



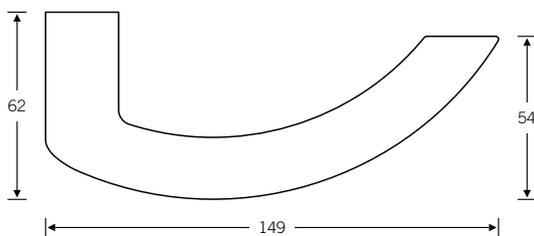
- 12 1108 031 (NH)
- 72 1108 631 (RH)
- 72 1108 632 (LH)

Window handles

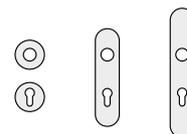


- 34 1108 09030 (Rose 27 × 62 × 10)
- 34 1108 09039 (Rose 32.5 × 70 × 10)
- 34 1108 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1108 170 (lock adaptor RC 1–6)
- 34 1108 076 (lock adaptor with push-button RC 1–6)

FSB 1119 incorporates insights gained by FSB in co-operation with the Fraunhofer Institute (FSB 1155). Whereas the utmost importance was given to the rigorous implementation of ergonomic parameters when putting FSB 1155 to effect, in the case of FSB 1119 considerations of style predominated.



Recommended rose/backplate variants



EN 179

Design: Hartmut Weise

Wide-backplate set to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1119 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a



Narrow-door handles



Standard



09 1119 (in-line) | Page 427
06 1119 (cranked) | Page 426



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1107 09030 | Page 330

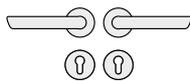
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



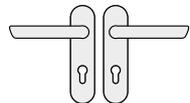
 12 1119 013 (NH)

 72 1119 613 (RH)

 79 1119 613 (RH)

 72 1119 614 (LH)

 79 1119 614 (LH)



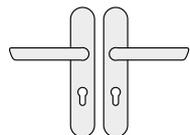
 12 1119 007 (NH)

 72 1119 607 (RH)

 79 1119 607 (RH)

 72 1119 608 (LH)

 79 1119 608 (LH)



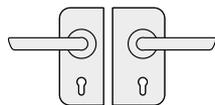
 12 1119 027 (NH)

 72 1119 627 (RH)

 79 1119 627 (RH)

 72 1119 628 (LH)

 79 1119 628 (LH)



 13 4223 042 (RH) with
72 1119 61350 (RH)

 13 4223 041 (RH) with
10 1119 00100

 13 4223 052 (LH) with
72 1119 61450 (LH)

 13 4223 051 (LH) with
10 1119 00100

Narrow-door handles



 09 1119 01144 (RH)

 09 1119 01264 (RH)

 09 1119 02364 (ILF,R)

 09 1119 01145 (LH)

 09 1119 01265 (LH)

 09 1119 02365 (ILF,L)



 06 1119 01144 (RH)

 06 1119 01264 (RH)

 06 1119 02364 (ILF,R)

 06 1119 01145 (LH)

 06 1119 01265 (LH)

 06 1119 02365 (ILF,L)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel + Bronze)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel + Bronze)

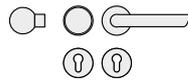
 07 0846 428 (fixed, Aluminium)



17 1757

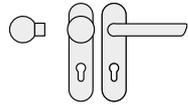
Glass-door hardware not in Bronze
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

Lever/knob sets



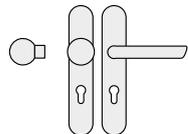
 12 1119 015 (RH)
 72 1119 615 (RH)
 79 1119 615 (RH)
 79 1119 619 (ILF,R)

 12 1119 016 (LH)
 72 1119 616 (LH)
 79 1119 616 (LH)
 79 1119 620 (ILF,L)



 12 1119 009 (RH)
 72 1119 609 (RH)
 79 1119 609 (RH)
 79 1119 611 (ILF,R)

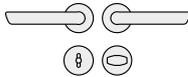
 12 1119 010 (LH)
 72 1119 610 (LH)
 79 1119 610 (LH)
 79 1119 612 (ILF,L)



 12 1119 029 (RH)
 72 1119 629 (RH)
 79 1119 629 (RH)
 79 1119 631 (ILF,R)

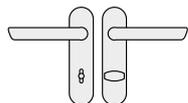
 12 1119 030 (LH)
 72 1119 630 (LH)
 79 1119 630 (LH)
 79 1119 632 (ILF,L)

Bathroom sets



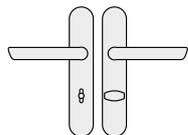
 12 1119 019 (NH)
 72 1119 619 (RH)

 72 1119 620 (LH)



 12 1119 011 (NH)
 72 1119 611 (RH)

 72 1119 612 (LH)



 12 1119 031 (NH)
 72 1119 631 (RH)

 72 1119 632 (LH)

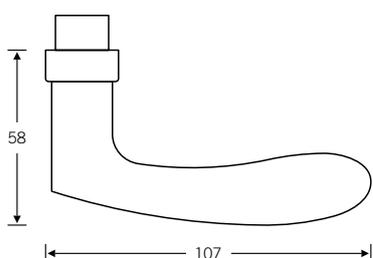
Window handles



34 1107 09030 (Rose 27 × 62 × 10)
 34 1107 09039 (Rose 32.5 × 70 × 10)
 34 1107 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1107 170 (lock adaptor RC 1–6)
 34 1107 076 (lock adaptor with push-button RC 1–6)

3a

What makes this lever handle so appealing is its traditional formal vocabulary. Add the emphatically technical visuals of its backplate and you have a no-frills design solution for any door. A heavy-duty companion, FSB 1106, is available in the classic FSB metals (see page 158).



Recommended rose/backplate variants



Design: Christoph Mäckler

surface-mtd



Bearings information | Page 24 ff.

Lever/lever set



🔗 10 1135 | 14 1425 000

Lever/knob set



🔗 10 1135 | 14 1425 000 | 19 1925 000

3a

Bathroom set



🔗 10 1135 | 14 1425 07554

Window handle

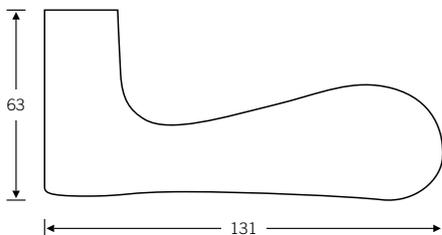


34 1135 | Page 331

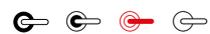
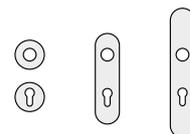


34 3410 | Page 347

Lever handle FSB 1144 is just as pleasing to the eye as it is to the hand. Designer Jasper Morrison lets our eyes know that this door handle is a hand tool with which to operate doors. Said eyes promptly relax and a hand takes over: the thumb falls into place; the forefinger finds its furrow; the hand makes to grip and finds plenty to grip hold of. This is precisely what the Four-Point Guide to Good Grip drawn up by Otl Aicher and ourselves demands.



Recommended rose/backplate variants



Design: Jasper Morrison

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.

Glass-door hardware



Standard



here: 13 4223 with 72 1144 | Page 481

Narrow-door handles



Standard



09 1144 (in-line) | Page 429
06 1144 (cranked) | Page 428

Door knobs



Flush doors



Narrow stile doors

23 0844 (for flush doors) | Page 304
07 0846 (for narrow stile doors) | Page 444

Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10

Rose 25.5 × 60.5 flush-fit

lockable

34 1144 09030 | Page 332

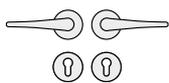
Additional handle-system hardware:

Hat hook 36 3650 | Page 394
Cabinet knob 36 3654 | Page 394
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



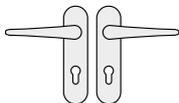
 12 1144 013 (NH)

 72 1144 613 (RH)

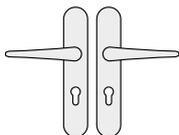
 76 1144 613 (RH)

 72 1144 614 (LH)

 76 1144 614 (LH)



 12 1144 007 (NH)



 12 1144 027 (NH)



 13 4223 042 (RH) with
72 1144 61350 (RH)

 13 4223 041 (RH) with
10 1144 00100

 13 4223 052 (LH) with
72 1144 61450 (LH)

 13 4223 051 (LH) with
10 1144 00100

Narrow-door handles



 09 1144 011

 09 1144 012



 06 1144 011

 06 1144 012

 06 1144 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel)

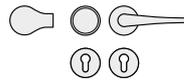
 07 0846 428 (fixed, Aluminium)



17 1757

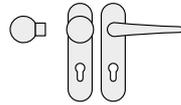
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

Lever/knob sets

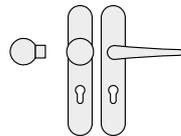


12 1144 017 (NH)
72 1144 615 (RH)
76 1144 615 (RH)
76 1144 619 (ILF)

72 1144 616 (LH)
76 1144 616 (LH)

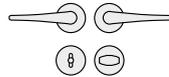


12 1144 009 (NH)



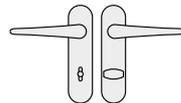
12 1144 029 (NH)

Bathroom sets

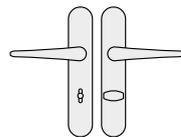


12 1144 019 (NH)
72 1144 619 (RH)

72 1144 620 (LH)



12 1144 011 (NH)



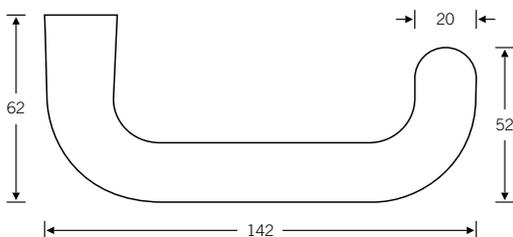
12 1144 031 (NH)

Window handles

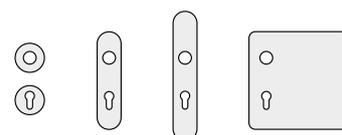


34 1144 09030 (Rose 27 × 62 × 10)
34 1144 09039 (Rose 32.5 × 70 × 10)
34 1144 09034 (Rose 25.5 × 60.5 flush-fit)
34 1144 170 (lock adaptor RC 1–6)
34 1144 076 (lock adaptor with push-button RC 1–6)

In the early 1990s, FSB felt the time had come to give the plain round styling of the stable-door handle a going over. The neck was conically expanded and a semi-circular tip added to the bent end; two subtle small changes that have given the revamped FSB 1146 model a character all of its own.



Recommended rose/backplate variants



EN 179

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.

Glass-door hardware



Standard



here: 13 4223 with 72 1146 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a

Narrow-door handles

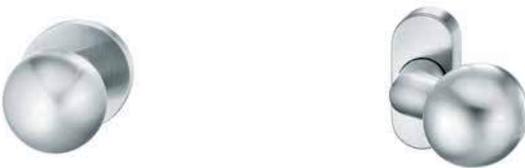


Standard



09 1146 (in-line) | Page 429
06 1146 (cranked) | Page 428

Door knobs



Flush doors



Narrow stile doors

23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444

Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10

Rose 25.5 × 60.5 flush-fit

lockable

34 1146 09030 | Page 332

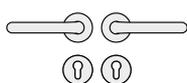
Additional handle-system hardware:

Parallel slide/tilt fitting 34 1146 012. | Page 359
Lift-and slide door hardware 34 1146 011.. | Page 363
Door pull 66 6602 | Page 532
Door pull 66 6662 | Page 546
XXL door lever handle 79 1090 | Page 642
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



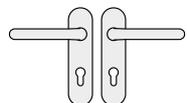
 12 1146 013 (NH)

 72 1146 613 (RH)

 79 1146 613 (RH)

 72 1146 614 (LH)

 79 1146 614 (LH)



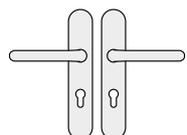
 12 1146 007 (NH)

 72 1146 607 (RH)

 79 1146 607 (RH)

 72 1146 608 (LH)

 79 1146 608 (LH)



 12 1146 027 (NH)

 72 1146 627 (RH)

 79 1146 627 (RH)

 72 1146 628 (LH)

 79 1146 628 (LH)

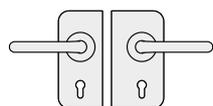


 72 1146 633 (RH)

 79 1146 633 (RH)

 72 1146 634 (LH)

 79 1146 634 (LH)



 13 4223 042 (RH) with
72 1146 61350 (RH)

 13 4223 041 (RH) with
10 1146 00100

 13 4223 052 (LH) with
72 1146 61450 (LH)

 13 4223 051 (LH) with
10 1146 00100

Narrow-door handles



 09 1146 011

 09 1146 012



 06 1146 011

 06 1146 012

 06 1146 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel)

 07 0846 428 (fixed, Aluminium)

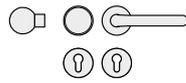


17 1757

Heavy-duty, fire-safety and glass-door hardware not in Brass

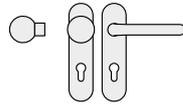
Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

Lever/knob sets



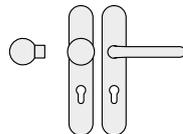
 12 1146 015 (NH)
 72 1146 615 (RH)
 79 1146 615 (RH)
 79 1146 619 (ILF)

 72 1146 616 (LH)
 79 1146 616 (LH)



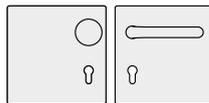
 12 1146 009 (NH)
 72 1146 609 (RH)
 79 1146 609 (RH)
 79 1146 611 (ILF)

 72 1146 610 (LH)
 79 1146 610 (LH)



 12 1146 029 (NH)
 72 1146 629 (RH)
 79 1146 629 (RH)
 79 1146 631 (ILF)

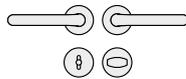
 72 1146 630 (LH)
 79 1146 630 (LH)



 72 1146 635 (RH)
 79 1146 635 (RH)

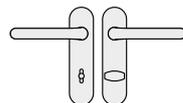
 72 1146 636 (LH)
 79 1146 636 (LH)

Bathroom sets



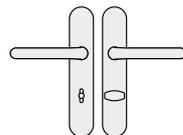
 12 1146 019 (NH)
 72 1146 619 (RH)

 72 1146 620 (LH)



 12 1146 011 (NH)
 72 1146 611 (RH)

 72 1146 612 (LH)



 12 1146 031 (NH)
 72 1146 631 (RH)

 72 1146 632 (LH)



 72 1146 639 (RH)

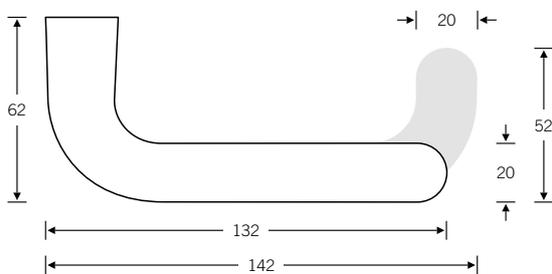
 72 1146 640 (LH)

Window handles

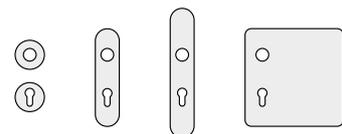


34 1146 09030 (Rose 27 × 62 × 10)
 34 1146 09039 (Rose 32.5 × 70 × 10)
 34 1146 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1146 170 (lock adaptor RC 1–6)
 34 1146 076 (lock adaptor with push-button RC 1–6)

The FSB logo echoes a lever handle designed by the Austrian philosopher Ludwig Wittgenstein in mid-1920s Vienna. This is the original upon which all similar lever handle forms are based. By adding a conical neck and spherical tip we aimed to set ourselves apart from the many other variants of this lever handle on the market.



Recommended rose/backplate variants



surface-mtd	<input type="checkbox"/>				
flush-fitted*	<input type="checkbox"/>				

Glass-door hardware



Standard



here: 13 4223 with 72 1147 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a

Narrow-door handles



Standard



09 1147 (in-line)

Door knobs



Flush doors



Narrow stile doors

23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444

Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10

Rose 25.5 × 60.5 flush-fit

lockable

34 1147 09030 | Page 333

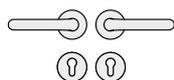
Additional handle-system hardware:

Parallel slide/tilt fitting 34 1146 012. | Page 359
Lift-and slide door hardware 34 1146 011.. | Page 363
Door pull 66 6602 | Page 532
Door pull 66 6662 | Page 546
Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1147 013 (NH)

 72 1147 613 (RH)

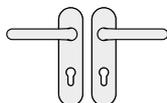
 76 1147 613 (RH)

 79 1146 613 (RH)

 72 1147 614 (LH)

 76 1147 614 (LH)

 79 1146 614 (LH)



 12 1147 007 (NH)

 72 1147 607 (RH)

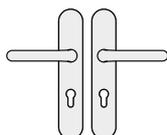
 76 1147 607 (RH)

 79 1146 607 (RH)

 72 1147 608 (LH)

 76 1147 608 (LH)

 79 1146 608 (LH)



 12 1147 027 (NH)

 72 1147 627 (RH)

 76 1147 627 (RH)

 79 1146 627 (RH)

 72 1147 628 (LH)

 76 1147 628 (LH)

 79 1146 628 (LH)



 72 1147 633 (RH)

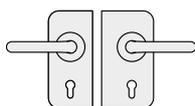
 76 1147 633 (RH)

 79 1146 633 (RH)

 72 1147 634 (LH)

 76 1147 634 (LH)

 79 1146 634 (LH)



 13 4223 042 (RH) with
72 1147 61350 (RH)

 13 4223 041 (RH) with
10 1147 00100

 13 4223 052 (LH) with
72 1147 61450 (LH)

 13 4223 051 (LH) with
10 1147 00100

Narrow-door handles



 09 1147 011

 09 1147 012



 09 1146 011

 09 1146 012



 06 1146 011

 06 1146 012

 06 1146 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel)

 07 0846 428 (fixed, Aluminium)

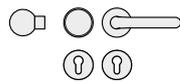


17 1757

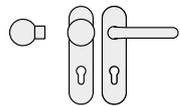
Heavy-duty, fire-safety and glass-door hardware not in Brass

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

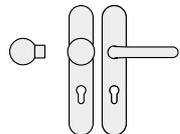
Lever/knob sets



- 12 1147 015 (NH)
- 72 1147 615 (RH)
- 76 1147 615 (RH)
- 76 1147 619 (ILF)
- 79 1146 615 (RH)
- 79 1146 619 (ILF)
- 72 1147 616 (LH)
- 76 1147 616 (LH)
- 79 1146 616 (LH)



- 12 1147 009 (NH)
- 72 1147 609 (RH)
- 76 1147 609 (RH)
- 76 1147 611 (ILF)
- 79 1146 609 (RH)
- 79 1146 611 (ILF)
- 72 1147 610 (LH)
- 76 1147 610 (LH)
- 79 1146 610 (LH)

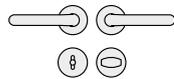


- 12 1147 029 (NH)
- 72 1147 629 (RH)
- 76 1147 629 (RH)
- 76 1147 631 (ILF)
- 79 1146 629 (RH)
- 79 1146 631 (ILF)
- 72 1147 630 (LH)
- 76 1147 630 (LH)
- 79 1146 630 (LH)

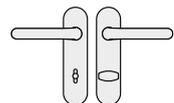


- 72 1147 635 (RH)
- 76 1147 635 (RH)
- 79 1146 635 (RH)
- 72 1147 636 (LH)
- 76 1147 636 (LH)
- 79 1146 636 (LH)

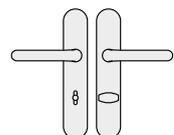
Bathroom sets



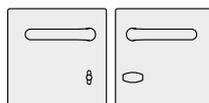
- 12 1147 019 (NH)
- 72 1147 619 (RH)
- 72 1147 620 (LH)



- 12 1147 011 (NH)
- 72 1147 611 (RH)
- 72 1147 612 (LH)



- 12 1147 031 (NH)
- 72 1147 631 (RH)
- 72 1147 632 (LH)



- 72 1147 639 (RH)
- 72 1147 640 (LH)

Window handles

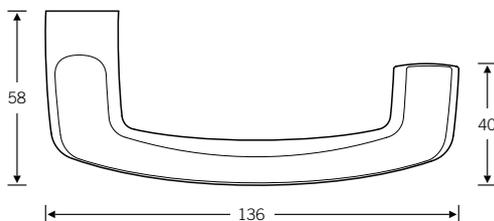


- 34 1147 09030 (Rose 27 × 62 × 10)
- 34 1147 09039 (Rose 32.5 × 70 × 10)
- 34 1147 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1147 170 (lock adaptor RC 1–6)
- 34 1147 076 (lock adaptor with push-button RC 1–6)

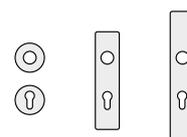
Window handle not in Brass

3a

The process of creating FSB 1159 began for Laurids and Manfred Ortner with a comparative analysis of lever handle models old and new. At the end of the day they had authored a moulded-to-the-hand design whose formal transitions and flowing surfaces impart a sense of great familiarity to the user.



Recommended rose/backplate variants



EN 179

Design: Laurids and
Manfred Ortner

* restrictions for some variants
** only in Stainless Steel

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 10 1159 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a



Narrow-door handles



Standard



09 1159 (in-line) | Page 431
06 1159 (cranked) | Page 430



Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1159 09030 | Page 333

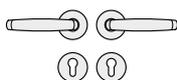
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



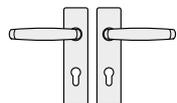
 12 1159 013 (NH)

 72 1159 613 (RH)

 79 1159 613 (RH)

 72 1159 614 (LH)

 79 1159 614 (LH)



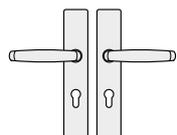
 12 1159 001 (NH)

 72 1159 601 (RH)

 79 1159 601 (RH)

 72 1159 602 (LH)

 79 1159 602 (LH)



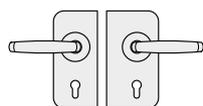
 12 1159 021 (NH)

 72 1159 621 (RH)

 79 1159 621 (RH)

 72 1159 622 (LH)

 79 1159 622 (LH)



 13 4223 042 (RH) with
72 1159 61350 (RH)

 13 4223 041 (RH) with
10 1159 00100

 13 4223 052 (LH) with
72 1159 61450 (LH)

 13 4223 051 (LH) with
10 1159 00100

Narrow-door handles



 09 1159 011

 09 1159 012



 06 1159 011

 06 1159 012

 06 1159 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

 07 0829 228 (fixed, Stainless Steel)

 07 0828 428 (fixed, Aluminium)



07 0809 228 (fixed)

 07 0809 228 (fixed, Stainless Steel)

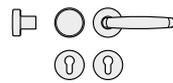
 07 0809 428 (fixed, Aluminium)



17 1757

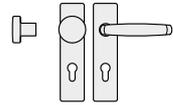
Fire-safety hardware only in Stainless Steel
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

Lever/knob sets



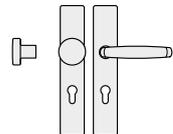
 12 1159 017 (NH)
 72 1159 617 (RH)
 79 1159 617 (RH)
 79 1159 619 (ILF)

 72 1159 618 (LH)
 79 1159 618 (LH)



 12 1159 003 (NH)
 72 1159 603 (RH)
 79 1159 603 (RH)
 79 1159 605 (ILF)

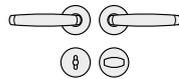
 72 1159 604 (LH)
 79 1159 604 (LH)



 12 1159 023 (NH)
 72 1159 623 (RH)
 79 1159 623 (RH)
 79 1159 625 (ILF)

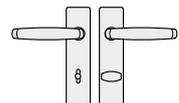
 72 1159 624 (LH)
 79 1159 624 (LH)

Bathroom sets



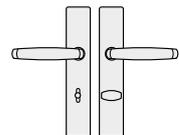
 12 1159 019 (NH)
 72 1159 619 (RH)

 72 1159 620 (LH)



 12 1159 005 (NH)
 72 1159 605 (RH)

 72 1159 606 (LH)



 12 1159 025 (NH)
 72 1159 625 (RH)

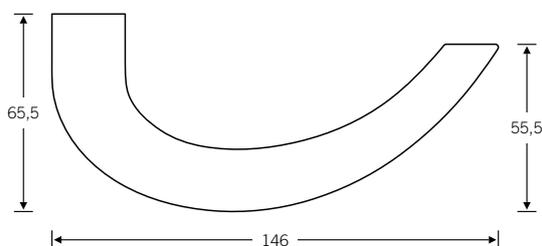
 72 1159 626 (LH)

Window handles

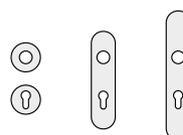


34 1159 09030 (Rose 27 × 62 × 10)
 34 1159 09039 (Rose 32.5 × 70 × 10)
 34 1159 09034 (Rose 25.5 × 60.5 flush-fit)
 34 1159 170 (lock adaptor RC 1–6)
 34 1159 076 (lock adaptor with push-button RC 1–6)

Works design FSB 1160 recreates the “dynamic golden growth spiral” in the flow of its round cross-section. The handle likewise conforms to the rules of the golden section in the way it tapers from neck to end.



Recommended rose/backplate variants



EN 179

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1160 | Page 481

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a



Narrow-door handles



Standard



09 1160 (in-line) | Page 431
06 1160 (cranked) | Page 430



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1160 09030 | Page 334

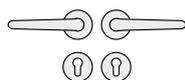
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



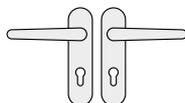
 12 1160 013 (NH)

 72 1160 613 (RH)

 79 1160 613 (RH)

 72 1160 614 (LH)

 79 1160 614 (LH)



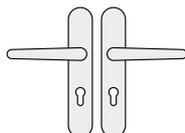
 12 1160 007 (NH)

 72 1160 607 (RH)

 79 1160 607 (RH)

 72 1160 608 (LH)

 79 1160 608 (LH)



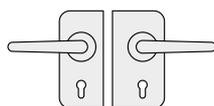
 12 1160 027 (NH)

 72 1160 627 (RH)

 79 1160 627 (RH)

 72 1160 628 (LH)

 79 1160 628 (LH)



 13 4223 042 (RH) with
72 1160 61350 (RH)

 13 4223 041 (RH) with
10 1160 00100

 13 4223 052 (LH) with
72 1160 61450 (LH)

 13 4223 051 (LH) with
10 1160 00100

Narrow-door handles



 09 1160 011

 09 1160 012



 06 1160 011

 06 1160 012

 06 1160 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

 07 0802 228 (fixed, Stainless Steel)

 07 0802 428 (fixed, Aluminium)



07 0846 228 (fixed)

 07 0846 228 (fixed, Stainless Steel)

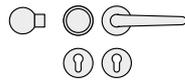
 07 0846 428 (fixed, Aluminium)



17 1757

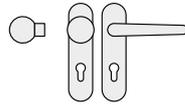
Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

Lever/knob sets



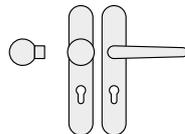
- 12 1160 015 (NH)
- 72 1160 615 (RH)
- 79 1160 615 (RH)
- 79 1160 619 (ILF)

- 72 1160 616 (LH)
- 79 1160 616 (LH)



- 12 1160 009 (NH)
- 72 1160 609 (RH)
- 79 1160 609 (RH)
- 79 1160 611 (ILF)

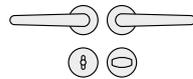
- 72 1160 610 (LH)
- 79 1160 610 (LH)



- 12 1160 029 (NH)
- 72 1160 629 (RH)
- 79 1160 629 (RH)
- 79 1160 631 (ILF)

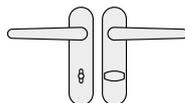
- 72 1160 630 (LH)
- 79 1160 630 (LH)

Bathroom sets



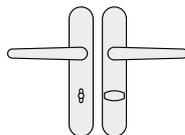
- 12 1160 019 (NH)
- 72 1160 619 (RH)

- 72 1160 620 (LH)



- 12 1160 011 (NH)
- 72 1160 611 (RH)

- 72 1160 612 (LH)



- 12 1160 031 (NH)
- 72 1160 631 (RH)

- 72 1160 632 (LH)

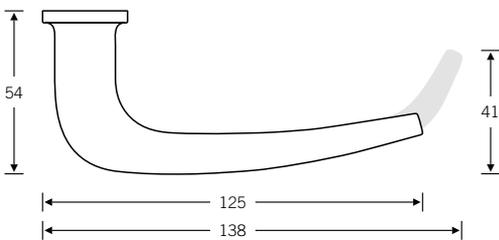
Window handles



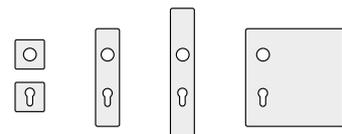
- 34 1160 09030 (Rose 27 × 62 × 10)
- 34 1160 09039 (Rose 32.5 × 70 × 10)
- 34 1160 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1160 170 (lock adaptor RC 1–6)
- 34 1160 076 (lock adaptor with push-button RC 1–6)

3a

Berlin architect Hans Kollhoff devised a handle design for his projects that consciously incorporates formal elements from the 1930s. His uncluttered door handles and window handles were immediately embraced as authentic interpretations by the market.



Recommended rose/backplate variants



EN 179

Design: Hans Kollhoff

EN 179 model: FSB 1164

Wide-backplate set in Bronze to order

* restrictions for some variants

surface-mtd

flush-fitted*

Bearings information | Page 24 ff.

Glass-door hardware



Standard	●	●	●	●	●

here: 13 4220 with 10 1163 | Page 478

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a

Narrow-door handles



Standard	●	●	●

09 1164 (in-line) | Page 433

06 1164 (cranked) | Page 432

Door knobs



Flush doors	●	●	●	●
Narrow stile doors	●	●		

23 0811 (for flush doors) | Page 302

07 0812 (for narrow stile doors) | Page 442

Window handle



Rose 27 × 62 × 10	●
Rose 32.5 × 70 × 10	●
Rose 25.5 × 60.5 flush-fit	●
lockable	●

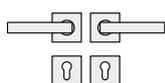
34 1163 09032 | Page 334

34 3453 | Page 348

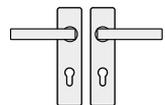
Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

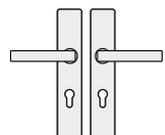
Lever/lever sets



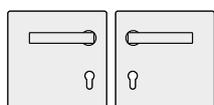
- 12 1163 041 (NH)
- 72 1163 641 (RH) 72 1163 642 (LH)
- 76 1163 639 (RH) 76 1163 640 (LH)
- 79 1164 639 (RH) 79 1164 640 (LH)



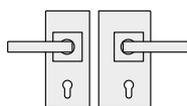
- 12 1163 001 (NH)
- 72 1163 601 (RH) 72 1163 602 (LH)
- 76 1163 601 (RH) 76 1163 602 (LH)
- 79 1164 601 (RH) 79 1164 602 (LH)



- 12 1163 021 (NH)
- 72 1163 621 (RH) 72 1163 622 (LH)
- 76 1163 621 (RH) 76 1163 622 (LH)
- 79 1164 621 (RH) 79 1164 622 (LH)

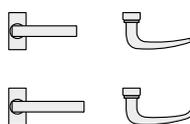


- 72 1163 633 (RH) 72 1163 634 (LH)
- 76 1163 633 (RH) 76 1163 634 (LH)
- 79 1164 633 (RH) 79 1164 634 (LH)

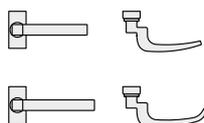


- 13 4220 042 (RH) with 72 1163 64150 (RH) 13 4220 052 (LH) with 72 1163 64250 (LH)
- 13 4220 041 (RH) with 10 1163 00100 13 4220 051 (LH) with 10 1163 00100

Narrow-door handles



- 09 1163 071
- 09 1163 072
- 09 1164 072



- 06 1163 071
- 06 1163 072 06 1163 073 (ILF)
- 06 1164 072 06 1164 073 (ILF)

Narrow-door knobs



- 07 0811 229 (fixed)
- 07 0811 229 (fixed, Stainless Steel + Bronze)
- 07 0811 429 (fixed, Aluminium)



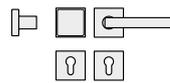
- 07 0812 229 (fixed)
- 07 0812 229 (fixed, Stainless Steel + Bronze)
- 07 0812 429 (fixed, Aluminium)



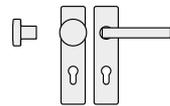
- 17 1778

Wide-backplate set in Bronze to order
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

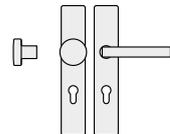
Lever/knob sets



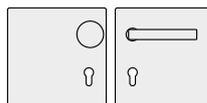
- 12 1163 043 (NH)
- 72 1163 643 (RH)
- 76 1163 641 (RH)
- 76 1163 643 (ILF)
- 79 1164 641 (RH)
- 79 1164 643 (ILF)
- 72 1163 644 (LH)
- 76 1163 642 (LH)
- 79 1164 642 (LH)



- 12 1163 003 (NH)
- 72 1163 603 (RH)
- 76 1163 603 (RH)
- 76 1163 605 (ILF)
- 79 1164 603 (RH)
- 79 1164 605 (ILF)
- 72 1163 604 (LH)
- 76 1163 604 (LH)
- 79 1164 604 (LH)

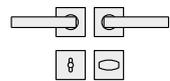


- 12 1163 023 (NH)
- 72 1163 623 (RH)
- 76 1163 623 (RH)
- 76 1163 625 (ILF)
- 79 1164 623 (RH)
- 79 1164 625 (ILF)
- 72 1163 624 (LH)
- 76 1163 624 (LH)
- 79 1164 624 (LH)

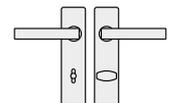


- 72 1163 637 (RH)
- 76 1163 637 (RH)
- 79 1164 637 (RH)
- 72 1163 638 (LH)
- 76 1163 638 (LH)
- 79 1164 638 (LH)

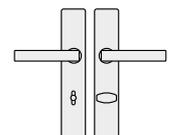
Bathroom sets



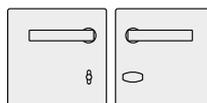
- 12 1163 045 (NH)
- 72 1163 645 (RH)
- 72 1163 646 (LH)



- 12 1163 005 (NH)
- 72 1163 605 (RH)
- 72 1163 606 (LH)



- 12 1163 025 (NH)
- 72 1163 625 (RH)
- 72 1163 626 (LH)



- 72 1163 639 (RH)
- 72 1163 640 (LH)

Window handles



- 34 1163 09032 (Rose 27 × 62 × 10)
- 34 1163 09040 (Rose 32.5 × 70 × 10)
- 34 1163 09036 (Rose 25.5 × 60.5 flush-fit)
- 34 1163 170 (lock adaptor RC 1–6)
- 34 1163 076 (lock adaptor with push-button RC 1–6)



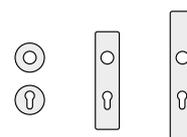
- 34 3455 09039 (Rose 32.5 × 70 × 10)

3a

FSB produced a lever handle back in the 1930s and 1940s that entered design history as the “nickel-horn handle”. In 1992, our toolmakers resolved to recreate this classic design in tubular Stainless Steel adopting an innovative hydraulics technique. The successful outcome saw a heritage design re-interpreted in contemporary materials.



Recommended rose/backplate variants



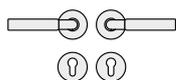
* restrictions for some variants

surface-mtd

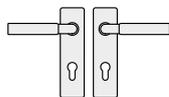
flush-fitted*

Bearings information | Page 24 ff.

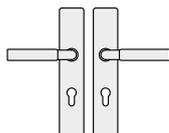
Lever/lever sets



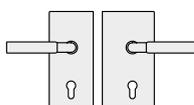
 12 1171 013 (NH)



 12 1171 001 (NH)

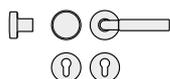


 12 1171 021 (NH)

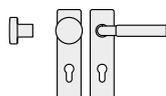


 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1171 00100 10 1171 00100

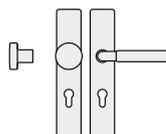
Lever/knob sets



 12 1171 017 (NH)

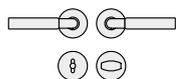


 12 1171 003 (NH)

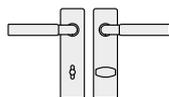


 12 1171 023 (NH)

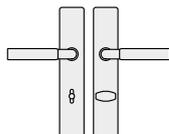
Bathroom sets



 12 1171 019 (NH)



 12 1171 005 (NH)



 12 1171 025 (NH)

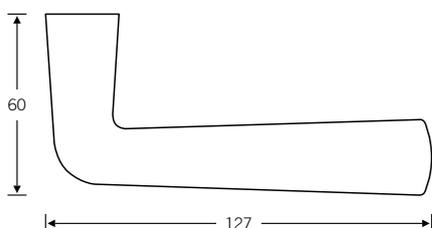
Window handles



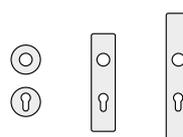
34 1171 09030 (Rose 27 × 62 × 10)
34 1171 09039 (Rose 32.5 × 70 × 10)
34 1171 09034 (Rose 25.5 × 60.5 flush-fit)
34 1171 170 (lock adaptor RC 1–6)
34 1171 076 (lock adaptor with push-button RC 1–6)
34 1171 | Page 335

3a

FSB 1173 sports a trumpet shape very much reminiscent of a model that cropped up in the Frankfurt area in the 1920s but has also long been part of the FSB repertoire. It is a masterful variation on the “tubular design” topic and constitutes a welcome alternative to the familiar classics, which we shall refrain from advertising here.



Recommended rose/backplate variants



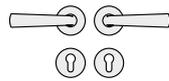
* restrictions for some variants

surface-mtd

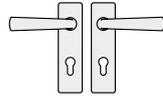
flush-fitted*

Bearings information | Page 24 ff.

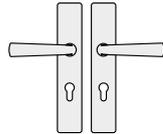
Lever/lever sets



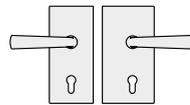
 12 1173 013 (NH)



 12 1173 001 (NH)

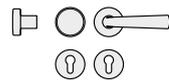


 12 1173 021 (NH)

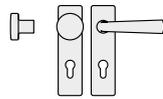


 13 4220 041 (RH) with  13 4220 051 (LH) with
10 1173 00100 10 1173 00100

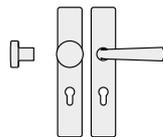
Lever/knob sets



 12 1173 017 (NH)

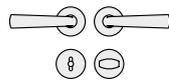


 12 1173 003 (NH)

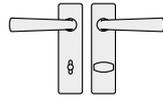


 12 1173 023 (NH)

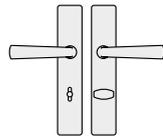
Bathroom sets



 12 1173 019 (NH)



 12 1173 005 (NH)



 12 1173 025 (NH)

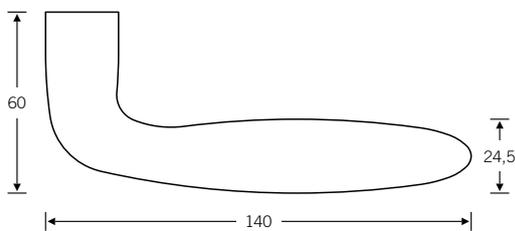
Window handles



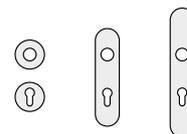
34 1173 09030 (Rose 27 × 62 × 10)
34 1173 09039 (Rose 32.5 × 70 × 10)
34 1173 09034 (Rose 25.5 × 60.5 flush-fit)
34 1173 170 (lock adaptor RC 1–6)
34 1173 076 (lock adaptor with push-button RC 1–6)
34 1173 | Page 335

3a

FSB 1176 derives from a classic shape in the FSB range. The neck and tip of this handle were originally made of rolled steel, which later made way for Aluminium, whilst the grip itself was a chunky affair in black plastic. Here, too, the toolmakers at FSB have now succeeded in fashioning this heritage form out of Stainless Steel tubing.



Recommended rose/backplate variants



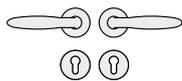
* restrictions for some variants

surface-mtd

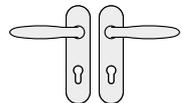
flush-fitted*

Bearings information | Page 24 ff.

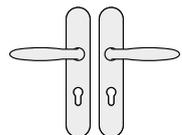
Lever/lever sets



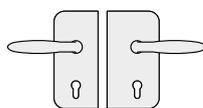
 12 1176 013 (NH)



 12 1176 007 (NH)



 12 1176 027 (NH)

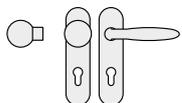


 13 4223 041 (RH) with  13 4223 051 (LH) with
10 1176 00100 10 1176 00100

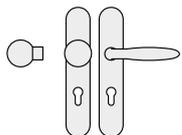
Lever/knob sets



 12 1176 015 (NH)

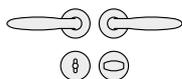


 12 1176 009 (NH)

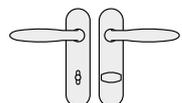


 12 1176 029 (NH)

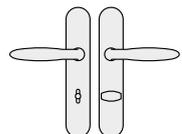
Bathroom sets



 12 1176 019 (NH)



 12 1176 011 (NH)



 12 1176 031 (NH)

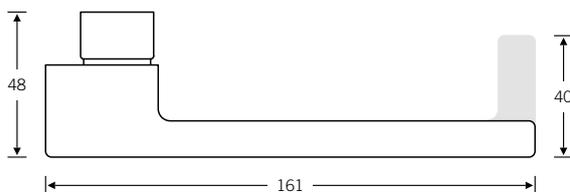
Window handles



34 1176 09030 (Rose 27 × 62 × 10)
34 1176 09039 (Rose 32.5 × 70 × 10)
34 1176 09034 (Rose 25.5 × 60.5 flush-fit)
34 1176 170 (lock adaptor RC 1–6)
34 1176 076 (lock adaptor with push-button RC 1–6)
34 1176 | Page 336

3a

The “Wittgenstein solution” in which a standard lever handle is paired with a cranked design on the slamming face is one we are very familiar with. Hadi Teherani, by contrast, delivers the function of the cranked handle – i.e. to reduce the danger of fingers getting caught – by simply shifting the handle’s centre of rotation leftwards.



Recommended rose variant



EN 179

Design: Hadi Teherani

 EN 179 model: FSB 1074

* restrictions for some variants

surface-mtd     

flush-fitted*   

Bearings information | Page 24 ff.

Glass-door hardware



Standard	●	●	●	●	●

here: 13 4220 with 10 1183 | Page 478

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a

Narrow-door handles



Standard	●	●	●

09 1074 (in-line)** | Page 423

06 0644 (cranked) | Page 422

Door knobs



Flush doors	●	●	●	●
Narrow stile doors	●	●		

23 0811 (for flush doors) | Page 302

07 0812 (for narrow stile doors) | Page 442

Window handle



Rose 27 × 62 × 10	●
Rose 32.5 × 70 × 10	●
Rose 25.5 × 60.5 flush-fit	●
lockable	●

34 1183 09032 | Page 336

Additional handle-system hardware:

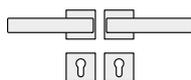
Barrier-free fitting 14 424. | Page 643

** suitable for backsets of 40 mm upwards

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1183 041 (NH)

 72 1183 641 (RH)

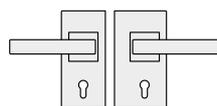
 72 1183 642 (LH)

 76 1183 639 (RH)

 76 1183 640 (LH)

 79 1074 639 (RH)

 79 1074 640 (LH)



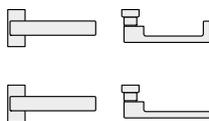
 13 4220 042 (RH) with
72 1183 64150 (RH)

 13 4220 052 (LH) with
72 1183 64250 (LH)

 13 4220 041 (RH) with
10 1183 00100

 13 4220 051 (LH) with
10 1183 00100

Narrow-door handles



 09 1074 072

 09 1183 071*

 09 1183 072*



 06 0644 071

 06 0644 072

 06 0644 073 (ILF)

Narrow-door knobs



07 0811 229 (fixed)

 07 0811 229 (fixed, Stainless Steel)

 07 0811 429 (fixed, Aluminium)



07 0812 229 (fixed)

 07 0812 229 (fixed, Stainless Steel)

 07 0812 429 (fixed, Aluminium)

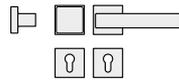


17 1778

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

* suitable for backsets of 40 mm upwards

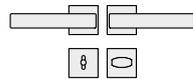
Lever/knob sets



- 12 1183 043 (NH)
 - 72 1183 643 (RH)
 - 76 1183 641 (RH)
 - 76 1183 643 (ILF)
 - 79 1074 641 (RH)
 - 79 1074 643 (ILF)
 - 72 1183 644 (LH)
 - 76 1183 642 (LH)
 - 79 1074 642 (LH)
-
-
-

3a

Bathroom sets



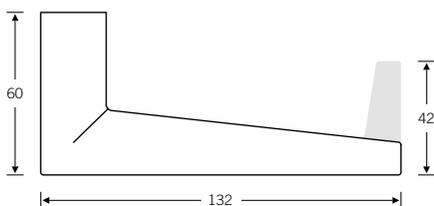
- 12 1183 045 (NH)
 - 72 1183 645 (RH)
 - 72 1183 646 (LH)
-
-
-

Window handles



- 34 1183 09032 (Rose 27 × 62 × 10)
 - 34 1183 09040 (Rose 32.5 × 70 × 10)
 - 34 1183 09036 (Rose 25.5 × 60.5 flush-fit)
 - 34 1183 170 (lock adaptor RC 1–6)
 - 34 1183 076 (lock adaptor with push-button RC 1–6)
-

FSB 1185 bundles diverse aspirations into a scheme Andreas Heupel has dubbed "Folded": metal plate's propensity for being multiply folded yields a visual flatness that meets both structural needs and normative provisions. Whilst the handle's exterior is all unfussy clarity, an ergonomic semi-circle comes as a pleasant surprise to the enveloping hand. Tapering lends the grip added verve and flair.



Recommended rose/backplate variants





Glass-door hardware



Standard



here: 13 4220 with 72 1185 | Page 478

3a



Narrow-door handles



Standard



06 1085 (cranked)



Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1185 09030 | Page 337

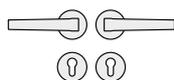
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



12 1185 013 (NH)

72 1185 613 (RH)

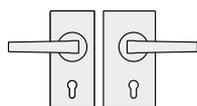
76 1185 613 (RH)

79 1085 613 (RH)

72 1185 614 (LH)

76 1185 614 (LH)

79 1085 614 (LH)



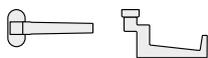
13 4220 042 (RH) with
72 1185 61350 (RH)

13 4220 041(RH) with
10 1185 00100

13 4220 052 (LH) with
72 1185 61350 (RH)

13 4220 051(RH) with
10 1185 00100

Narrow-door handles

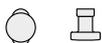


06 1085 011

06 1085 012

06 1085 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

07 0829 428 (fixed, Aluminium)



07 0809 228 (fixed)

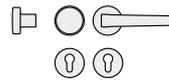
07 0809 428 (fixed, Aluminium)



17 1757

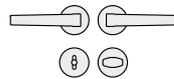
Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

Lever/knob sets



-  12 1185 017 (NH)
-  72 1185 617 (RH)
-  76 1185 617 (RH)
-  76 1185 619 (ILF)
-  79 1085 617 (RH)
-  79 1085 619 (ILF)
-  72 1185 618 (LH)
-  76 1185 618 (LH)
-  79 1085 618 (LH)

Bathroom sets



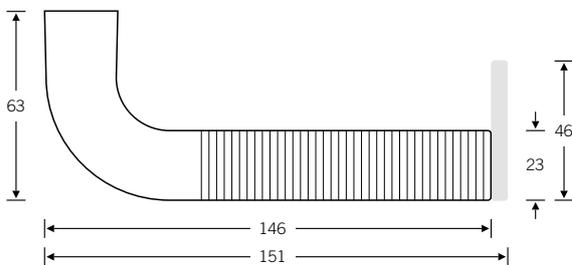
-  12 1185 019 (NH)
-  72 1185 619 (RH)
-  72 1185 620 (LH)

Window handles

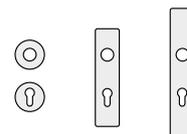


- 34 1185 09030 (Rose 27 × 62 × 10)
 - 34 1185 09039 (Rose 32.5 × 70 × 10)
 - 34 1185 09034 (Rose 25.5 × 60.5 flush-fit)
 - 34 1185 170 (lock adaptor RC 1–6)
 - 34 1185 076 (lock adaptor with push-button RC 1–6)
-

FSB 1186 by Dominique Perrault and Gaëlle Lauriot-Prévost rethinks lever-handle icon FSB 1147 by the philosopher Ludwig Wittgenstein. "Any form that follows a function is bound to be clear, effective and economical. But that isn't enough", Monsieur Perrault says of their design.



Recommended rose/backplate variants



Design:
Gaëlle Lauriot-Prévost and
Dominique Perrault

EN 179 Modell: FSB 1187

surface-mtd	●	●	●	●	●
flush-fitted		●	●		●

Bearings information | Page 24 ff.

Glass-door hardware



Standard



here: 13 4220 with 10 1186 | Page 478

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

Restrictions for some variants

3a

Narrow-door handles



Standard



09 1187 (in-line) | Page 435

06 1187 (cranked) | Page 434

Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303

07 0809 (for narrow stile doors) | Page 443

Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1186 09030 | Page 337

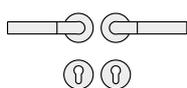
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



12 1186 013 (NH)

72 1186 613 (RH)

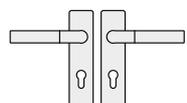
72 1186 614 (LH)

76 1186 613 (RH)

76 1186 614 (LH)

79 1187 613 (RH)

79 1187 614 (LH)



12 1186 001 (NH)

72 1186 601 (RH)

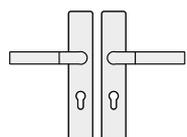
72 1186 602 (LH)

76 1186 601 (RH)

76 1186 602 (LH)

79 1187 601 (RH)

79 1187 602 (LH)



12 1186 021 (NH)

72 1186 621 (RH)

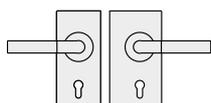
72 1186 622 (LH)

76 1186 621 (RH)

76 1186 622 (LH)

79 1187 621 (RH)

79 1187 622 (LH)



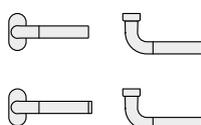
13 4220 042 (RH) with
72 1186 61350

13 4220 052 (LH) with
72 1186 61450

13 4220 041 (RH) with
10 1186 00100

13 4220 051 (LH) with
10 1186 00100

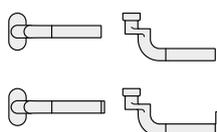
Narrow-door handles



09 1186 011

09 1186 012

09 1187 012



06 1186 011

06 1186 012

06 1187 012

06 1186 023 (ILF)

06 1187 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

07 0829 228 (fixed, Stainless Steel)

07 0829 428 (fixed, Aluminium)



07 0809 228 (fixed)

07 0809 228 (fixed, Stainless Steel)

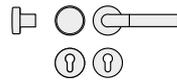
07 0809 428 (fixed, Aluminium)



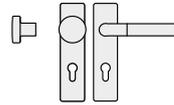
17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

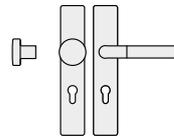
Lever/knob sets



- 12 1186 017 (NH)
- 72 1186 617 (RH)
- 76 1186 617 (RH)
- 76 1186 619 (ILF)
- 79 1187 617 (RH)
- 79 1187 619 (ILF)
- 72 1186 618 (LH)
- 76 1186 618 (LH)
- 79 1187 618 (LH)

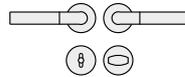


- 12 1186 003 (NH)
- 72 1186 603 (RH)
- 76 1186 603 (RH)
- 76 1186 605 (ILF)
- 79 1187 603 (RH)
- 79 1187 605 (ILF)
- 72 1186 604 (LH)
- 76 1186 604 (LH)
- 79 1187 604 (LH)

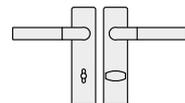


- 12 1186 023 (NH)
- 72 1186 623 (RH)
- 76 1186 623 (RH)
- 76 1186 625 (ILF)
- 79 1187 623 (RH)
- 79 1187 625 (ILF)
- 72 1186 624 (LH)
- 76 1186 624 (LH)
- 79 1187 624 (LH)

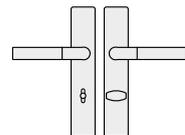
Bathroom sets



- 12 1186 019 (NH)
- 72 1186 619 (RH)
- 72 1186 620 (LH)



- 12 1186 005 (NH)
- 72 1186 605 (RH)
- 72 1186 606 (LH)



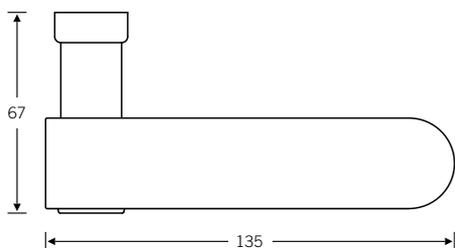
- 12 1186 025 (NH)
- 72 1186 625 (RH)
- 72 1186 626 (LH)

Window handles



- 34 1186 09030 (Rose 27 × 62 × 10)
- 34 1186 09039 (Rose 32.5 × 70 × 10)
- 34 1186 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1186 170 (lock adaptor RC 1–6)
- 34 1186 076 (lock adaptor with push-button RC 1–6)

FSB 1188 was first conceived by Petra and Paul Kahlfeldt as a window handle having a grip whose vertical face was exactly aligned with the central axis of the profile used when renovating the Scharnhorst step-down transformer station. The door handle design is foreseen as providing a dynamic source of contrast to the rose fitted off-centre on the window.



Recommended rose/backplate variants



Design:
Petra and Paul Kahlfeldt

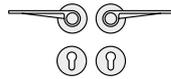
* restrictions for some variants

surface-mtd ● ●

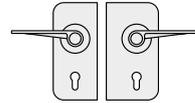
flush-fitted* ●

Bearings information | Page 24 ff.

Lever/lever sets



➤ 12 1188 013 (NH)



➤ 13 4223 042 (RH) with
12 1188 013 (NH)

➤ 13 4223 052 (LH) with
12 1188 013 (NH)

Lever/knob sets

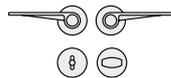


➤ 12 1188 017 (RH)

➤ 12 1188 018 (LH)

3a

Bathroom sets



➤ 12 1188 019 (NH)

Window handles



34 1188 49039 (Rose 32.5 × 70 × 10 right)

34 1188 59039 (Rose 32.5 × 70 × 10 left)

34 1188 470 (lockable right)

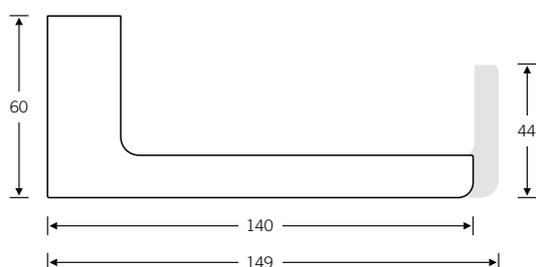
34 1188 570 (lockable left)

34 1188 476 (Push-button right)

34 1188 576 (Push-button left)

34 1188 | Page 338

Klaus Nolting has already demonstrated the purposeful, accentuating use he makes of metal components in his chair designs. It comes as no surprise, therefore, that this approach would sooner or later lead him to fashion his own door handle. His design reflects both the door's form and its momentum.



Recommended rose variant





Glass-door hardware

Standard



here: 13 4220 with 72 1222 | Page 478

3a



Narrow-door handles

Standard



06 1223 (cranked)



Door knobs

Flush doors



Narrow stile doors



23 0811 (for flush doors) | Page 302
07 0812 (for narrow stile doors) | Page 442



Window handle

Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable

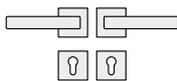


34 1222 09032 | Page 338

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



12 1222 041 (NH)

72 1222 641 (RH)

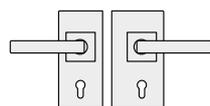
76 1222 639 (RH)

79 1223 639 (RH)

72 1222 642 (LH)

76 1222 640 (LH)

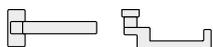
79 1223 640 (LH)



13 4220 042 (RH) with
72 1222 64150 (RH)

13 4220 052 (LH) with
72 1222 64250 (LH)

Narrow-door handles



06 1223 071

06 1223 072

06 1223 073 (ILF)

Narrow-door knobs



07 0811 229 (fixed)

07 0811 429 (fixed)



07 0812 229 (fixed)

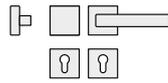
07 0812 429 (fixed)



17 1778

Glass-door hardware can also be supplied with
FSB ASL® bearings, see chapter 4c

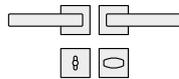
Lever/knob sets



- 12 1222 043 (NH)
- 72 1222 643 (RH)
- 76 1222 641 (RH)
- 76 1222 643 (ILF)
- 79 1223 641 (RH)
- 79 1223 643 (ILF)
- 72 1222 644 (LH)
- 76 1222 642 (LH)
- 79 1223 642 (LH)

3a

Bathroom sets



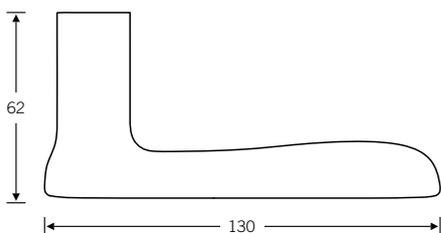
- 12 1222 045 (NH)
- 72 1222 645 (RH)
- 72 1222 646 (LH)

Window handles



- 34 1222 09032 (Rose 27 × 62 × 10)
 - 34 1222 09040 (Rose 32.5 × 70 × 10)
 - 34 1222 09036 (Rose 25.5 × 60.5 flush-fit)
 - 34 1222 170 (lock adaptor RC 1–6)
 - 34 1222 076 (lock adaptor with push-button RC 1–6)
-

Werner Aisslinger's eminently sculptural handle evokes a sense of motion away from the body and into the space around. It emerged out of his contemplating the opposing sequences of operations involved when opening and closing a door. Almost as a by-product of this thought process, shape was lent to an evocative moulded-to-the-hand model that accords in exemplary fashion with the Four-Point Guide to Good Grip devised by Otl Aicher.



Recommended rose/backplate variants



Design: Werner Aisslinger * restrictions for some variants

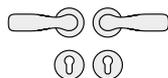
surface-mtd ● ● ●

flush-fitted* ● ●

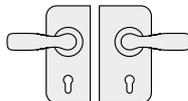
Bearings information | Page 24 ff.

Product Collection 1226 ■

Lever/lever sets

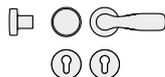


- 12 1226 013 (NH)
- 72 1226 613 (RH) 72 1226 614 (LH)



- 13 4220 042 (RH) with 12 1226 01320 (NH)
- 13 4220 052 (LH) with 12 1226 01320 (NH)
- 72 1226 61350 (RH)
- 72 1226 61450 (LH)

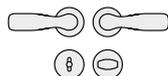
Lever/knob sets



- 12 1226 017 (NH)
- 72 1226 617 (RH) 72 1226 618 (LH)

3a

Bathroom sets



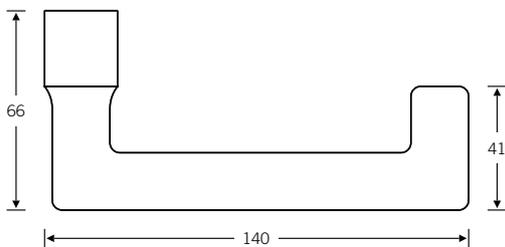
- 12 1226 019 (NH)
- 72 1226 619 (RH) 72 1226 620 (LH)

Window handles



- 34 1226 09030 (Rose 27 × 62 × 10)
- 34 1226 09039 (Rose 32.5 × 70 × 10)
- 34 1226 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1226 170 (lock adaptor RC 1–6)
- 34 1226 076 (lock adaptor with push-button RC 1–6)
- 34 1226 | Page 339

The provisions of the DGUV (German Statutory Accident Insurance) specifying minimum radii as an accident prevention measure generally preclude the use of strikingly angular handle designs. Drawing on the primary shapes of the square and circle, FSB 1232 marries compliance with the DGUV provisions to compelling ergonomics and appealing visuals.



Recommended rose/backplate variants



EN 179

* restrictions for some variants

surface-mtd	●	●	●	●	●
flush-fitted*	●	●	●	●	

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4220 with 72 1232 | Page 478

3a



Narrow-door handles



Standard



09 1232 (in-line) | Page 435
06 1232 (cranked) | Page 434



Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1232 09030 | Page 339

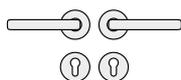
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



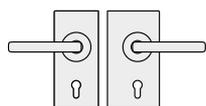
12 1232 013 (NH)

72 1232 613 (RH)

79 1232 613 (RH)

72 1232 614 (LH)

79 1232 614 (LH)



13 4220 042 (RH) with
72 1232 61350

13 4220 041 (RH) with
10 1232 00100

13 4220 052 (LH) with
72 1232 61450

13 4220 051 (LH) with
10 1232 00100

Narrow-door handles



09 1232 011

09 1232 012



06 1232 011

06 1232 012

06 1232 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

07 0829 428 (fixed)



07 0809 228 (fixed)

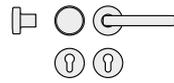
07 0809 428 (fixed)



17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

Lever/knob sets

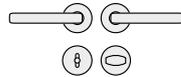


12 1232 017 (NH)
72 1232 617 (RH)
79 1232 617 (RH)
79 1232 619 (ILF)

72 1232 618 (LH)
79 1232 618 (LH)

3a

Bathroom sets



12 1232 019 (NH)
72 1232 619 (RH)

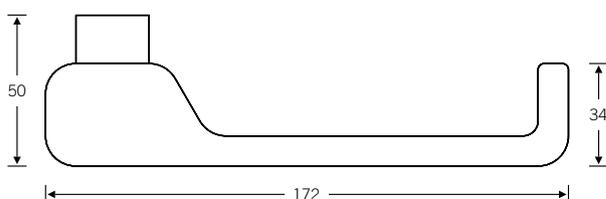
72 1232 620 (LH)

Window handles



34 1232 09030 (Rose 27 × 62 × 10)
34 1232 09039 (Rose 32.5 × 70 × 10)
34 1232 09034 (Rose 25.5 × 60.5 flush-fit)
34 1232 170 (lock adaptor RC 1–6)
34 1232 076 (lock adaptor with push-button RC 1–6)

The idea behind FSB 1233 crystallised while we were running our “DuoHandles/HandleDuos” project. Patricio and Maximià’s intention was to craft a handle that could be used universally, and above all, had barrier-free credentials. The original elegantly folded Stainless Steel band was recast as a budget-priced Aluminium profile to this end. Braille script can be integrated on the inside of the grip.



Recommended rose/backplate variants

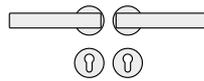


surface-mtd ●

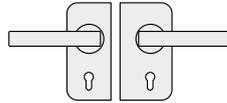
Bearings information | Page 24 ff.

Design: PMMT Arquitectura
Patricio Martínez, Maximià Torruella

Lever/lever sets



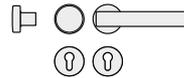
➤ 12 1233 013 (NH)



➤ 13 4220 042 (RH) with
12 1233 01320 (NH)

➤ 13 4220 052 (LH) with
12 1233 01320 (NH)

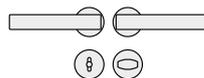
Lever/knob sets



➤ 12 1233 017 (NH)

3a

Bathroom sets



➤ 12 1233 019 (NH)

Window handles



34 1233 09030 (Rose 27 × 62 × 10)

34 1233 09039 (Rose 32.5 × 70 × 10)

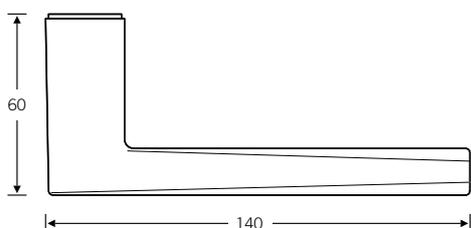
34 1233 09034 (Rose 25.5 × 60.5 flush-fit)

34 1233 170 (lock adaptor RC 1–6)

34 1233 076 (lock adaptor with push-button RC 1–6)

34 1233 | Page 340

Paris-based architects RDAI designed FSB 1241 as part of the corporate architecture for flagship stores run by one of the world's best-known fashion brands. Its neck is of a square cross-section, half of which passes over into a precisely ellipsoid shape from the point of rotation onwards.



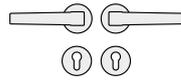
Recommended rose/backplate variants



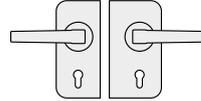
surface-mtd 

Bearings information | Page 24 ff.

Lever/lever sets



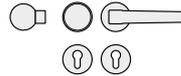
 12 1241 013 (NH)



 13 4223 042 (RH) with  13 4223 052 (LH) with
12 1241 01320 (NH) 12 1241 01320 (NH)

Restrictions for some variants

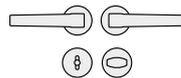
Lever/knob sets



 12 1241 015 (NH)

3a

Bathroom sets



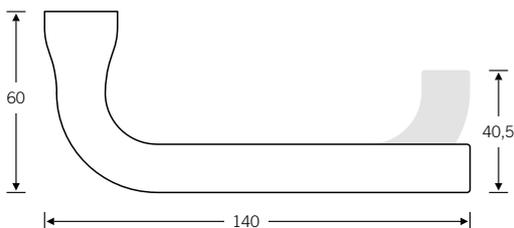
 12 1241 019 (NH)

Window handles



- 34 1241 09030 (Rose 27 × 62 × 10)
- 34 1241 09039 (Rose 32.5 × 70 × 10)
- 34 1241 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1241 170 (lock adaptor RC 1–6)
- 34 1241 076 (lock adaptor with push-button RC 1–6)
- 34 1241 | Page 340

British architect John Pawson subtly varies the vocabulary of an iconic modernist handle – the “Reich Shape” handle by Hans Poelzig – quietly breathing new life into this familiar form. Fabricated in classic bronze, Pawson’s meticulously proportioned design reworks the oval cross-section to produce a handle that is comfortable in the hand and pleasing to the eye – the latest expression of an idea that has been repeatedly modified over the course of nearly a century.



Recommended rose/backplate variants



EN 179

Design: John Pawson

 EN 179 model: FSB 1243

* restrictions for some variants

surface-mtd	●	●	●	●	●
flush-fitted*	●	●	●	●	●

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4220 with 10 1242 | Page 478

3a



Narrow-door handles



Standard



09 1243 (in-line) | Page 437
06 1243 (cranked) | Page 436



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1242 09030 | Page 341

Additional handle-system hardware:

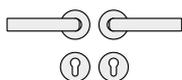
Lift- and slide door hardware 34 1242 011.. | Page 361

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Product Collection 1242 ■

Lever/lever sets



12 1242 013 (NH)

72 1242 613 (RH)

76 1242 613 (RH)

79 1243 613 (RH)

72 1242 614 (LH)

76 1242 614 (LH)

79 1243 614 (LH)



13 4220 041 (RH) with
10 1242 00100

13 4220 051 (LH) with
10 1242 00100

Narrow-door handles



09 1243 011

09 1243 012



06 1243 011

06 1243 012

06 1243 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

07 0802 228 (fixed)



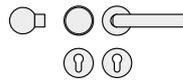
07 0846 228 (fixed)

07 0846 228 (fixed)



17 1757

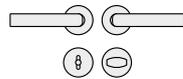
Lever/knob sets



-  12 1242 015 (NH)
-  72 1242 615 (RH)
-  76 1242 615 (RH)
-  76 1242 619 (ILF)
-  79 1243 615 (RH)
-  79 1243 619 (ILF)
-  72 1242 616 (LH)
-  76 1242 616 (LH)
-  79 1243 616 (LH)

3a

Bathroom sets



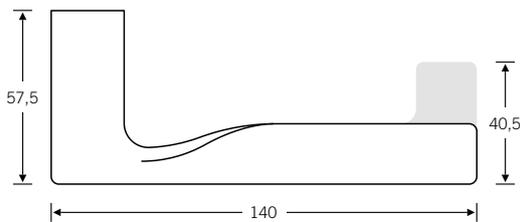
-  12 1242 019 (NH)
-  72 1242 619 (RH)
-  72 1242 620 (LH)

Window handles

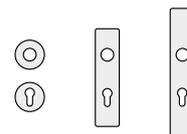


- 34 1242 09030 (Rose 27 × 62 × 10)
 - 34 1242 09039 (Rose 32.5 × 70 × 10)
 - 34 1242 09034 (Rose 25.5 × 60.5 flush-fit)
 - 34 1242 170 (lock adaptor RC 1–6)
 - 34 1242 076 (lock adaptor with push-button RC 1–6)
-

True to the adage that simple is (generally) right, gmp have designed a door lever handle with particularly pared-down credentials. Their FSB 1244 door handle model incorporates the simplest of geometric forms. Its linear front face cites the curvature of its neck and is terminated by a rectangular section. The grip's cross-section is made up of half a circle and half a square, a compound shape that provides pleasurable gripping substance for the hand.



Recommended rose/backplate variants



EN 179

Design: gmp Architekten
von Gerkan, Marg and
Partner

 EN 179 model: FSB 1245

* restrictions for some variants

surface-mtd	<input type="checkbox"/>				
flush-fitted*	<input type="checkbox"/>				

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4220 with 72 1244 | Page 478

Fire door variants to DIN 18 273 and emergency exit devices to EN 179 can only be supplied in conjunction with glass door hardware 13 4220 in Stainless Steel, see page 480

3a



Narrow-door handles



Standard



09 1245 (in-line) | Page 437
06 1245 (cranked) | Page 436



Door knobs



Flush doors



Narrow stile doors



23 0829 (for flush doors) | Page 303
07 0809 (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1244 09030 | Page 341

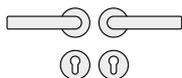
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1244 013 (NH)

 72 1244 613 (RH)

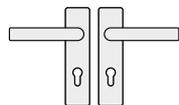
 76 1244 613 (RH)

 79 1245 613 (RH)

 72 1244 614 (LH)

 76 1244 614 (LH)

 79 1245 614 (LH)



 12 1244 001 (NH)

 72 1244 601 (RH)

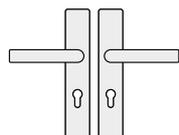
 76 1244 601 (RH)

 79 1245 601 (RH)

 72 1244 602 (LH)

 76 1244 602 (LH)

 79 1245 602 (LH)



 12 1244 021 (NH)

 72 1244 621 (RH)

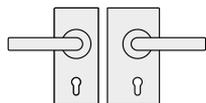
 76 1244 621 (RH)

 79 1245 621 (RH)

 72 1244 622 (LH)

 76 1244 622 (LH)

 79 1245 622 (LH)



 13 4220 042 (RH) with
72 1244 61350 (RH)

 13 4220 041 (RH) with
10 1244 00100

 13 4220 052 (LH) with
72 1244 61450 (LH)

 13 4220 051 (LH) with
10 1244 00100

Narrow-door handles



 09 1245 011

 09 1245 012



 06 1245 011

 06 1245 012

 06 1245 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

 07 0829 228 (fixed, Stainless Steel)

 07 0829 428 (fixed, Aluminium)



07 0809 228 (fixed)

 07 0809 228 (fixed, Stainless Steel)

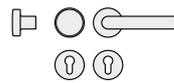
 07 0809 428 (fixed, Aluminium)



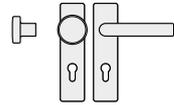
17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

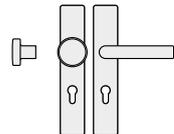
Lever/knob sets



- 12 1244 017 (NH)
- 72 1244 617 (RH)
- 76 1244 617 (RH)
- 76 1244 619 (ILF)
- 79 1245 617 (RH)
- 79 1245 619 (ILF)
- 72 1244 618 (LH)
- 76 1244 618 (LH)
- 79 1245 618 (LH)

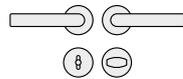


- 12 1244 003 (NH)
- 72 1244 603 (RH)
- 76 1244 603 (RH)
- 76 1244 605 ILF.
- 79 1245 603 (RH)
- 72 1244 604 (LH)
- 76 1244 604 (LH)
- 79 1245 604 (LH)

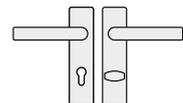


- 12 1244 023 (NH)
- 72 1244 623 (RH)
- 76 1244 623 (RH)
- 76 1244 625 ILF.
- 79 1245 623 (RH)
- 72 1244 624
- 76 1244 624
- 79 1245 624

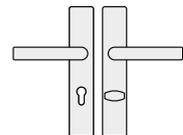
Bathroom sets



- 12 1244 019 (NH)
- 72 1244 619 (RH)
- 72 1244 620 (LH)



- 12 1244 005 (NH)
- 72 1244 605 (RH)
- 72 1244 606 (LH)



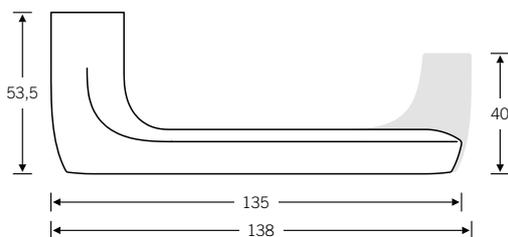
- 12 1244 025 (NH)
- 72 1244 625 (RH)
- 72 1244 626 (LH)

Window handles

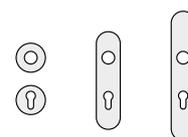


- 34 1244 09030 (Rose 27 × 62 × 10)
- 34 1244 09039 (Rose 32.5 × 70 × 10)
- 34 1244 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1244 170 (lock adaptor RC 1–6)
- 34 1244 076 (lock adaptor with push-button RC 1–6)

Pared-down design coupled with gleaming ergonomic credentials: FSB 1246 by GRAFT incorporates style parameters of a wholly new kind. Its narrow radii and generously dimensioned transition curves create points of sculptural momentum and contrast that render the FSB 1246 handle as aesthetically exciting as it is long-lived. Its well-proportioned gripping volume is compellingly palpable, whilst its clean geometric lines make it ideal for any architectural context.



Recommended rose/backplate variants



Design: GRAFT

 EN 179 model: FSB 1247

* restrictions for some variants

surface-mtd	●	●	●	●	●
flush-fitted*	●	●	●	●	

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4223 with 72 1246 | Page 481

3a



Narrow-door handles



Standard



09 1247 (in-line) | Page 437
06 1247 (cranked) | Page 436



Door knobs



Flush doors



Narrow stile doors



23 0802 (for flush doors) | Page 301
07 0846 (for narrow stile doors) | Page 444



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



34 1246 09030 | Page 342

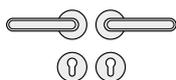
Additional handle-system hardware:

Barrier-free fitting 14 424. | Page 643

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



12 1246 013 (NH)

72 1246 613 (RH)

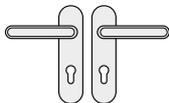
76 1246 613 (RH)

79 1247 613 (RH)

72 1246 614 (LH)

76 1246 614 (LH)

79 1247 614 (LH)



12 1246 007 (NH)

72 1246 607 (RH)

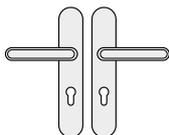
76 1246 607 (RH)

79 1247 607 (RH)

72 1246 608 (LH)

76 1246 608 (LH)

79 1247 608 (LH)



12 1246 027 (NH)

72 1246 627 (RH)

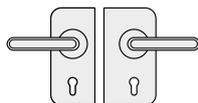
76 1246 627 (RH)

79 1247 627 (RH)

72 1246 628 (LH)

76 1246 628 (LH)

79 1247 628 (LH)



13 4223 042 (RH) with
72 1246 61350 (RH)

13 4223 041 (RH) with
10 1246 00100

13 4223 052 (LH) with
72 1246 61450 (LH)

13 4223 051 (LH) with
10 1246 00100

Narrow-door handles



09 1247 011

09 1247 012



06 1247 011

06 1247 012

06 1247 023 (ILF)

Narrow-door knobs



07 0802 228 (fixed)

07 0802 428 (fixed)



07 0846 228 (fixed)

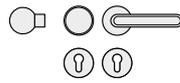
07 0846 428 (fixed)



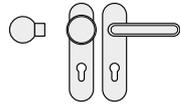
17 1757

Glass-door hardware can also be supplied with FSB ASL® bearings, see chapter 4c

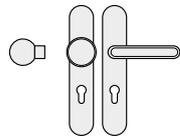
Lever/knob sets



- 12 1246 015 (NH)
- 72 1246 615 (RH)
- 76 1246 615 (RH)
- 76 1246 619 (ILF)
- 79 1247 615 (RH)
- 79 1247 619 (ILF)
- 72 1246 616 (LH)
- 76 1246 616 (LH)
- 79 1247 616 (LH)

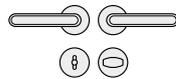


- 12 1246 009 (NH)
- 72 1246 609 (RH)
- 76 1246 609 (RH)
- 76 1246 611 (ILF)
- 79 1247 609 (RH)
- 79 1247 611 (ILF)
- 72 1246 610 (LH)
- 76 1246 610 (LH)
- 79 1247 610 (LH)

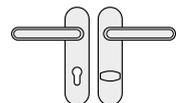


- 12 1246 029 (NH)
- 72 1246 629 (RH)
- 76 1246 629 (RH)
- 76 1246 631 (ILF)
- 79 1247 629 (RH)
- 79 1247 631 (ILF)
- 72 1246 630 (LH)
- 76 1246 630 (LH)
- 79 1247 630 (LH)

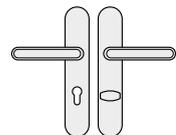
Bathroom sets



- 12 1246 019 (NH)
- 72 1246 619 (RH)
- 72 1246 620 (LH)



- 12 1246 011 (NH)
- 72 1246 611 (RH)
- 72 1246 612 (LH)



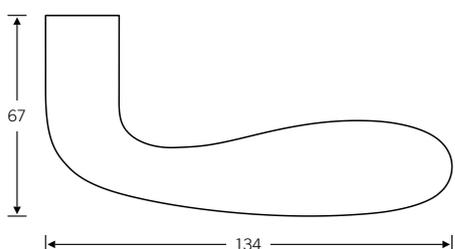
- 12 1246 031 (NH)
- 72 1246 631 (RH)
- 72 1246 632 (LH)

Window handles



- 34 1246 09030 (Rose 27 × 62 × 10)
- 34 1246 09039 (Rose 32.5 × 70 × 10)
- 34 1246 09034 (Rose 25.5 × 60.5 flush-fit)
- 34 1246 170 (lock adaptor RC 1–6)
- 34 1246 076 (lock adaptor with push-button RC 1–6)

Key to FSB 1250 is a continuous edge of light that accentuates the handle's sinuous form. In ergonomic terms, the thumb finds substance to press against, the forefinger its furrow, and the handle's gripping bulk chunkily supports the hand despite being so visually slender. Following on from FSB 1020, FSB 1250 is more modern without disowning its moulded-to-the hand origins; it accords optical and ergonomic parameters equal status.



Recommended rose/backplate variants

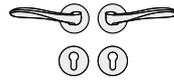


surface-mtd ●

Bearings information | Page 24 ff.

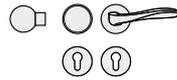
Product Collection 1250 ■

Lever/lever sets



➤ 12 1250 013 (NH)

Lever/knob sets

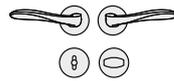


➤ 12 1250 015 (RH)

➤ 12 1250 016 (LH)

3a

Bathroom sets



➤ 12 1250 019 (NH)

Window handles

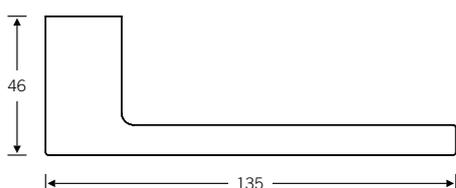


34 1250 49039 (Rose 27 × 62 × 10 right)

34 1250 59039 (Rose 27 × 62 × 10 left)

34 1250 | Page 342

FSB 1251 conjures up images of “square, practical and good”, though its design is best summed up in the words of the great master: “Rectangular, no-frills design defined solely by proportional contrasts – a miniature architectural counterpart to soberly planned houses. Supreme manufacturing precision reinforces the design’s clarity.” (Hartmut Weise)



Recommended rose/backplate variants

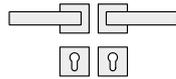


Design: Hartmut Weise

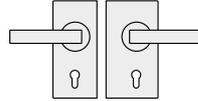
surface-mtd 

Bearings information | Page 24 ff.

Lever/lever sets



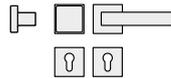
 12 1251 041 (NH)



 13 4220 042 (RH) with
12 1251 01320 (NH)

 13 4220 052 (LH) with
12 1251 01320 (NH)

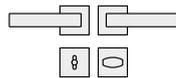
Lever/knob sets



 12 1251 043 (NH)

3a

Bathroom sets



 12 1251 045 (NH)

Window handles



34 1251 09032 (Rose 27 × 62 × 10)

34 1251 09040 (Rose 32.5 × 70 × 10)

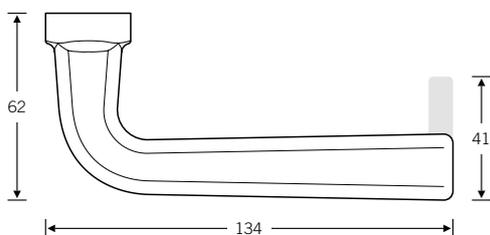
34 1251 09036 (Rose 25.5 × 60.5 flush-fit)

34 1251 170 (lock adaptor RC 1–6)

34 1251 076 (lock adaptor with push-button RC 1–6)

34 1251 | Page 343

A study of historical handles led Fawad Kazi to conceive a universally deployable door lever through a process of rigorous reduction. FSB 1254 combines the traditional emphasis on gripping bulk with an unembellished formal idiom. The handle's cross-section sees circle meet square and embodies classical ideals of architecture.



Recommended rose/backplate variants



EN 179

Design: Fawad Kazi

 EN 179 model: FSB 1255

* restrictions for some variants

surface-mtd



flush-fitted*



Bearings information | Page 24 ff.



Glass-door hardware



Standard

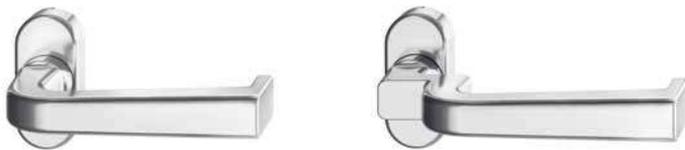


here: 13 4220 with 72 1254 | Page 478

3a



Narrow-door handles



Standard



09 1255 (in-line) | Page 439

06 1255 (cranked) | Page 438



Door knobs



Flush doors



Narrow stile doors

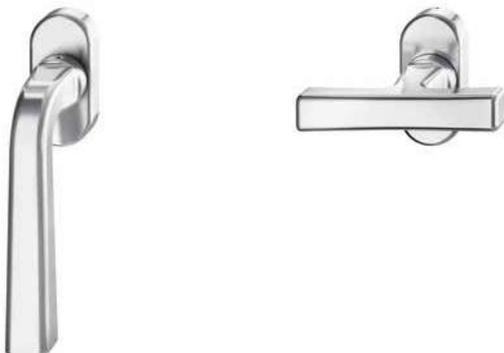


23 0829 (for flush doors) | Page 303

07 0809 (for narrow stile doors) | Page 443



Window handles



Rose 32.5 × 70 × 10



lockable



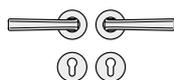
34 1254 09039 | Page 343

34 3454 09039

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



 12 1254 013 (NH)

 72 1254 613 (RH)

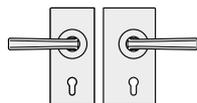
 76 1254 613 (RH)

 79 1255 613 (RH)

 72 1254 618 (LH)

 76 1254 618 (LH)

 79 1255 618 (LH)



 13 4220 042 (RH) with
12 1254 013 (NH)

 13 4220 042 (RH) with
72 1254 61350 (RH)

 13 4220 052 (LH) with
12 1254 013 (NH)

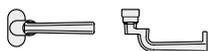
 13 4220 052 (LH) with
72 1254 61450 (LH)

Narrow-door handles



 09 1255 011

 09 1255 012



 06 1255 011

 06 1255 012

 06 1255 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

 07 0829 228 (fixed)



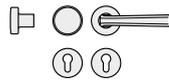
07 0809 228 (fixed)

 07 0809 228 (fixed)



17 1757

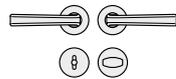
Lever/knob sets



- 12 1254 017 (NH)
 - 72 1254 617 (RH)
 - 76 1254 617 (RH)
 - 76 1254 619 (ILF)
 - 79 1255 617 (RH)
 - 79 1255 619 (ILF)
 - 72 1254 618 (LH)
 - 76 1254 618 (LH)
 - 79 1255 618 (LH)
-
-
-

3a

Bathroom sets



- 12 1254 019 (NH)
 - 72 1254 619 (RH)
 - 72 1254 620 (LH)
-
-
-

Window handles

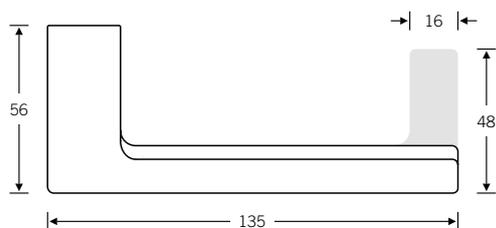


- 34 1254 09039 (Rose 32.5 × 70 × 10)
 - 34 1254 170 (lock adaptor RC 1–6)
 - 34 1254 076 (lock adaptor with push-button RC 1–6)
-

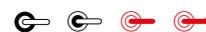


- 34 3454 09039 (Rose 32.5 × 70 × 10)

FSB's new C and V Line lever handle collections pioneer the fusion of functionally designed grip surfaces running parallel to the face of the door with an identity as graphic as it is shapely. Shown here FSB 1257/"V Line", followed on page 258 by FSB 1259/"C Line".



Recommended rose variant





Glass-door hardware

Standard



here: 13 4220 with 72 1257 | Page 478

3a



Narrow-door handles

Standard



06 1258 (cranked)



Door knob

Flush doors



23 0857 (for flush doors) | Page 308



Window handle

Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable

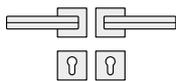


34 1257 09032 | Page 344

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets



12 1257 041 (NH)

72 1257 641 (RH)

76 1257 639 (RH)

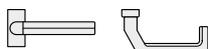
79 1258 639 (RH)

72 1257 642 (LH)

76 1257 640 (LH)

79 1258 640 (LH)

Narrow-door handles



06 1258 071

06 1258 072

06 1258 073

Narrow-door knobs



07 0811 229 (fixed)

07 0811 429 (fixed)



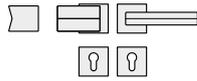
07 0812 229 (fixed)

07 0812 429 (fixed)



17 1778

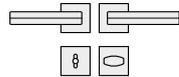
Lever/knob sets



- 12 1257 043 (NH)
 - 72 1257 643 (RH)
 - 76 1257 641 (RH)
 - 76 1257 643 (ILF)
 - 79 1258 641 (RH)
 - 79 1258 643 (ILF)
 - 72 1257 644 (LH)
 - 76 1257 642 (LH)
 - 79 1258 642 (LH)
-
-
-

3a

Bathroom sets



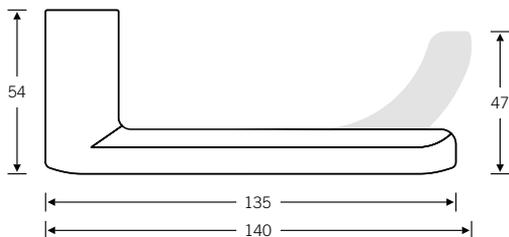
- 12 1257 045 (NH)
 - 72 1257 645 (RH)
 - 72 1257 646 (LH)
-
-
-

Window handles



- 34 1257 09032 (Rose 27 × 62 × 10)
 - 34 1257 09040 (Rose 32.5 × 70 × 10)
 - 34 1257 09036 (Rose 25.5 × 60.5 flush-fit)
 - 34 1257 170 (lock adaptor RC 1–6)
 - 34 1257 076 (lock adaptor with push-button RC 1–6)
-

Both FSB 1259/“C Line” and FSB 1257/“V Line” (see page 254) incorporate moulded detail in the grip’s vertical planes: the front concave, the back convex – a single-minded approach without compare in the marketplace.



Recommended rose variant



EN 179

Design: Hartmut Weise

 EN 179 model: FSB 1260

* restrictions for some variants

surface-mtd ● ● ● ●

flush-fitted* ● ● ●

Bearings information | Page 24 ff.



Glass-door hardware

Standard



here: 13 4223 with 72 1259 | Page 481

3a



Narrow-door handles

Standard



09 1260 (in-line) | Page 439

06 1260 (cranked) | Page 438



Door knob

Flush doors



23 0859 (for flush doors) | Page 308



Window handle

Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



Rose 25.5 × 60.5 flush-fit



lockable



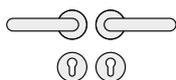
34 1259 09030 | Page 344

Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Product Collection 1259 ■

Lever/lever sets



12 1259 013 (NH)

72 1259 613 (RH)

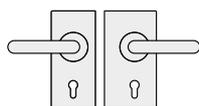
76 1259 613 (RH)

79 1260 613 (RH)

72 1259 614 (LH)

76 1259 614 (LH)

79 1260 614 (LH)



13 4223 042 (RH) with
12 1259 013 (NH)

13 4223 042 (RH) with
72 1259 61350 (RH)

13 4223 052 (LH) with
12 1259 013 (NH)

13 4223 052 (LH) with
072 1259 61450 (LH)

Narrow-door handles



09 1260 011

09 1260 012



06 1260 011

06 1260 012

06 1260 023 (ILF)

Narrow-door knobs



07 0829 228 (fixed)

07 0829 428 (fixed)



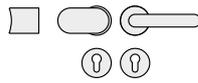
07 0809 228 (fixed)

07 0809 428 (fixed)



17 1757

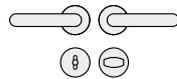
Lever/knob sets



- 12 1259 017 (NH)
 - 72 1259 617 (RH)
 - 76 1259 617 (RH)
 - 76 1259 619 (ILF)
 - 79 1260 617 (RH)
 - 79 1260 619 (ILF)
 - 72 1259 618 (LH)
 - 76 1259 618 (LH)
 - 79 1260 618 (LH)
-
-
-

3a

Bathroom sets



- 12 1259 019 (NH)
 - 72 1259 619 (RH)
 - 72 1259 620 (LH)
-
-
-

Window handles

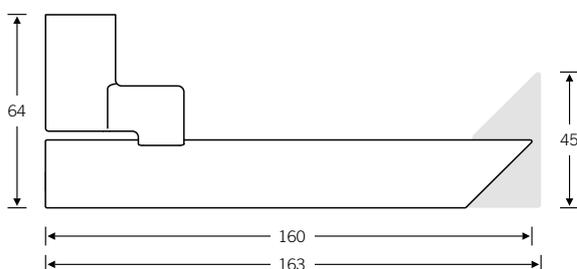


- 34 1259 09030 (Rose 27 × 62 × 10)
 - 34 1259 09039 (Rose 32.5 × 70 × 10)
 - 34 1259 09034 (Rose 25.5 × 60.5 flush-fit)
 - 34 1259 170 (lock adaptor RC 1–6)
 - 34 1259 076 (lock adaptor with push-button RC 1–6)
-

Carbon or aluminium? – A familiar question for racing cyclists. The Japanese architect and Pritzker prize-winner Shigeru Ban has a ready answer for door handles at least, i. e. “Both”! FSB 1262 combines a carbon grip in the shape of a pleasing-to-hold ellipse with an aluminium neck to suit both standard and cranked handle models.



Please advise choice of materials when ordering



Recommended rose/backplate variants



Design: Shigeru Ban

Material versions see page 265

surface-mtd ●

Aluminium model can only be supplied in 0105 Natural-Colour Anodised

Bearings information | Page 24 ff.



Glass-door hardware



Standard



here: 13 4220 with 12 1262 | Page 478

3a



Narrow-door handles



Standard



09 1263 (in-line) | Page 439
06 1263 (cranked) | Page 438



Door knobs



Flush doors



Narrow stile doors



23 0829* (for flush doors) | Page 299
07 0809* (for narrow stile doors) | Page 443



Window handle



Rose 27 × 62 × 10



Rose 32.5 × 70 × 10



lockable



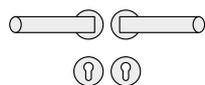
34 1262 | Page 345

* The door knobs cited are supplementary items from the FSB product range

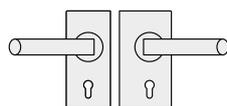
Additional heavy-duty hardware:

Barrier-free ErgoSystem® | Page 610ff.

Lever/lever sets

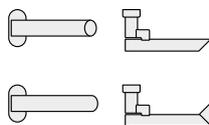


- 12 1262 013 (NH)
- 12 1263 013 (NH)

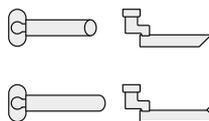


- 13 4220 042 (RH) with 12 1262 61350
- 13 4220 052 (LH) with 12 1262 61450

Narrow-door handles



- 09 1262 011
- 09 1263 011



- 06 1262 011
- 06 1263 011

Narrow-door knobs



- 07 0829 228 (fixed)
- 07 0829 428 (fixed)

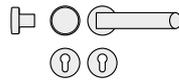


- 07 0809 228 (fixed)
- 07 0809 428 (fixed)



17 1757

Lever/knob sets

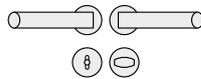


12 1262 017 (NH)
72 1262 617 (RH)

72 1232 618 (LH)

3a

Bathroom sets



12 1262 019 (NH)
72 1262 619 (RH)

72 1262 620 (LH)

Window handles



34 1262 09030 (Rose 27 × 62 × 10)
34 1262 09039 (Rose 32.5 × 70 × 10)
34 1262 170 (lock adaptor RC 1–6)
34 1262 076 (lock adaptor with push-button RC 1–6)

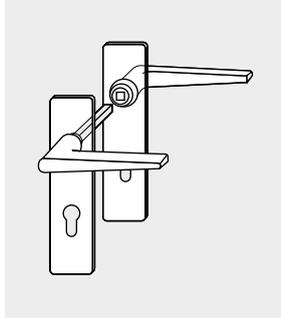
Material options (please advise with order):

- Aluminium throughout (only in 0105)
- Lever neck/rose Aluminium, grip Carbon fibre (0152)

Handing details

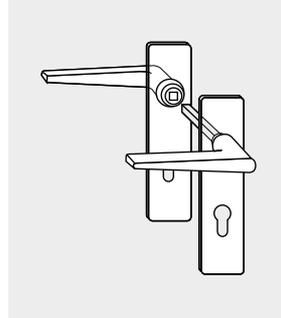
Lever/lever set
for DIN LH doors
opening inwards

male lever points to right
female lever points to left



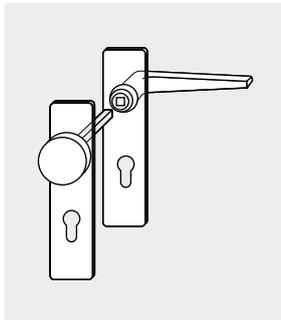
Lever/lever set
for DIN RH doors
opening inwards

male lever points to left
female lever points to right



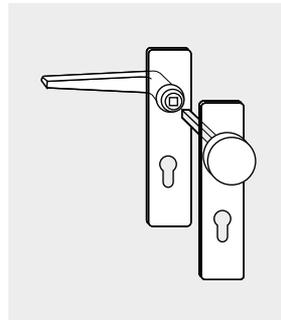
Lever/knob set
for DIN LH doors
opening inwards

female lever points to left



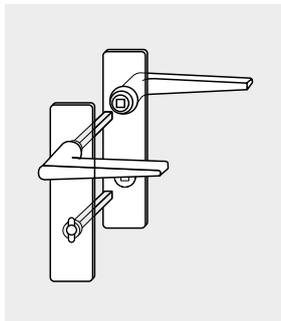
Lever/knob set
for DIN RH doors
opening inwards

female lever points to right



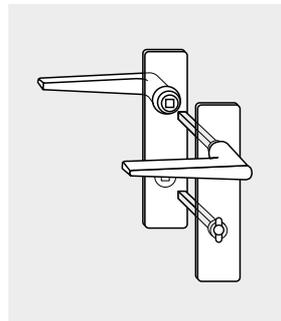
Bathroom/WC sets
for DIN LH doors
opening inwards

male lever points to right/
WC perforation
female lever points to left/
thumb turn

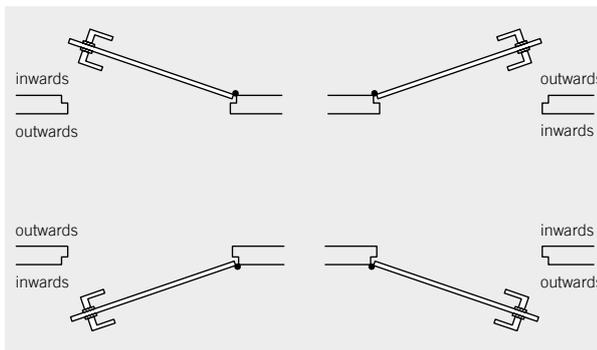


Bathroom/WC sets
for DIN RH doors
opening inwards

male lever points to left/
WC perforation
female lever points to right/
thumb turn



DIN LH,
opening inwards



DIN RH,
opening outwards

DIN RH,
opening inwards

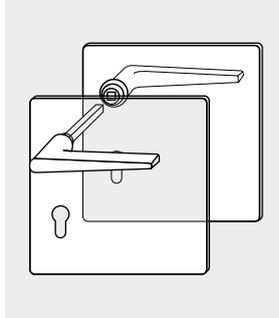
DIN LH,
opening outwards

Doors can be hung to open to the right or left relative to their pull side or leading face. When ordering lever/knob sets, or if you require the male handle in lever/lever sets to be fitted on

the outside, the designations "DIN LH" / "DIN RH" and "opening inwards" / "opening outwards" need to be specified.

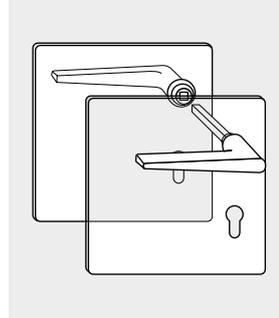
Lever/lever set
for DIN LH doors
opening inwards

male lever points to right
female lever points to left



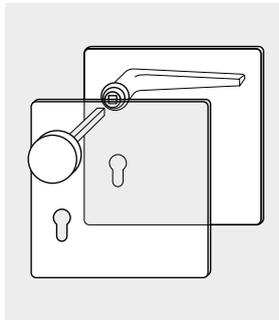
Lever/lever set
for DIN RH doors
opening inwards

male lever points to left
female lever points to right



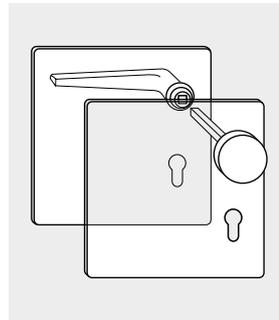
Lever/knob set
for DIN LH doors
opening inwards

female lever points to left



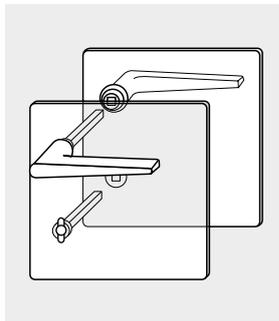
Lever/knob set
for DIN RH doors
opening inwards

female lever points to right



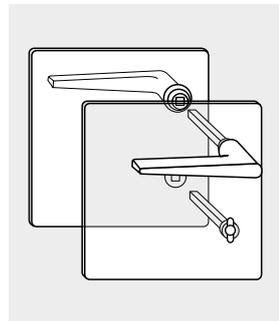
Bathroom/WC sets
for DIN LH doors
opening inwards

male lever points to right/
WC perforation
female lever points to left/
thumb turn

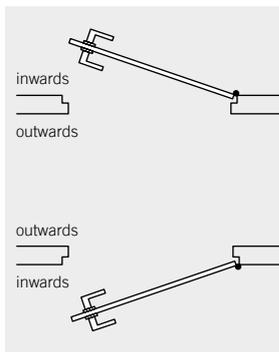


Bathroom/WC sets
for DIN RH doors
opening inwards

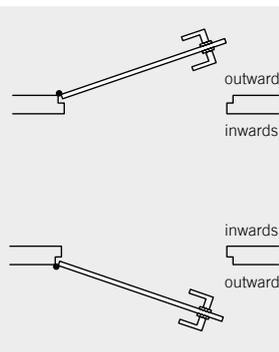
male lever points to left/
WC perforation
female lever points to right/
thumb turn



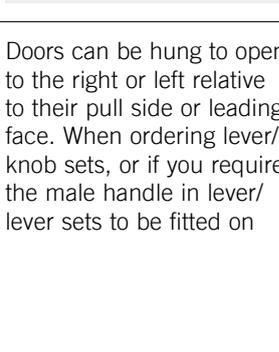
DIN LH,
opening inwards



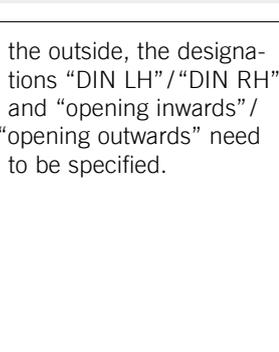
DIN RH,
opening outwards



DIN RH,
opening inwards



DIN LH,
opening outwards



Doors can be hung to open to the right or left relative to their pull side or leading face. When ordering lever/knob sets, or if you require the male handle in lever/lever sets to be fitted on

the outside, the designations "DIN LH" / "DIN RH" and "opening inwards" / "opening outwards" need to be specified.