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10 Design Theses

When Dieter Rams entered our lives 16 years ago as a participant in FSB's Design Workshop, he taught us his 10 design theses, which are now part and parcel of any good designer's thinking:

1) Good design needs to be innovative. It must not reiterate existing product forms.

2) Good design needs to make a product usable; that's what products are bought for, after all, to be used.

3) Good design needs to have an aesthetic dimension, since the fascination this engenders is an integral constituent of a product's usability.

4) Good design needs to enhance a product's ability to explain itself. It has to render the product compellingly eloquent.

5) Good design is unobtrusive. However, in this, it differs from decorative works of art.

6) Good design has got to be honest. It does not attempt to make the product appear to be something it is not.

7) Good design needs to be enduring, since fashion is fickle and encourages a throw-away approach.

8) Good design extends to every last detail. Anything else would be disrespectful towards the consumer, the product and its function.

9) Good design has to be environmentally benign and must not be a visual pollutant either.

10) The tenth, last and most central tenet of our great mentor, to conclude, states that good design is a minimum of design. Getting back to what is pure and straightforward.

Under the slogan "Multiplicity not Simplicity", we are once again attempting to meet Dieter Rams' exacting demands in the 02103 edition of our Manual, issued in the 121st year of our company's history, and prove that good design does not need to be boring and monotonous. As ever, it will be the market that determines how compelling our proof is.

For more on the genesis of design theses:

- general summary in 'Door Handles, Workshop in Brakel', Cologne 1987, ISBN 3-88375-072-7, pp. 55-57
- discussion of fundamentals in 'Vom Mythos des Funktionalismus' ('On the myth of functionalism'), Cologne 1997, ISBN 3-88375-270-3
- a proposition by Dieter Rams in 'Less but better' Hamburg 1995, ISBN 3-9803485-1-2

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Aluminium
Stainless steel

Lever handles

1

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Overview

 	 	 	 	 	 	 
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Aluminium
 Stainless steel



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Pages 86 and 278



Page 232



Page 233



Page 236



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Pages 87 and 250



Pages 88 and 251



Pages 89 and 252



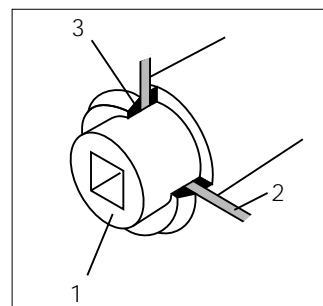
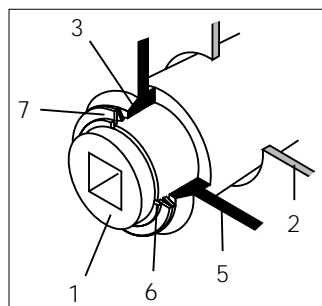
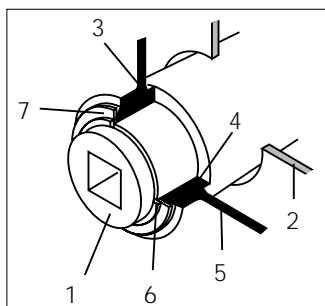
Page 90



Bearings

1

a



Key

1. Neck of handle
2. Rose or backplate cover
3. Sliding bearing
4. Compensating bearing
5. Backplate or rose baseplate
6. Retaining ring
7. Washer

Project fittings

Lever sets on heavily-used doors are subject to greater stress than their domestic counterparts. Designers in the builders hardware industry have for this reason long been working on how best to contain the forces exerted when doors are opened and closed. FSB opted for a technique tried and tested in automobile construction and mechanical engineering. Here, stress and thrust are absorbed using combinations of rubber and metal as opposed to all-metal bearings.

This proven construction method has enabled FSB to come up with project fittings, in which a 7 mm self-lubricating bearing is flexibly attached to a backplate screwed to the door. We have been successfully marketing this system for a decade now.

Fire safety furniture

The specifications for fire, smoke and panic doors are set forth in the following DIN (German Standards) provisions:


- DIN 4 102, Pts 5 + 18
- DIN 18 082, Pt 1
- DIN 18 095, Pts 1 + 2
- DIN 18 273

Standards for fire-safety furniture address design-engineering as well as function and stress-rating criteria. FSB supplies almost all heavy-duty furniture in a fire-safety variant. These fittings are certified and quality-controlled in line with Construction Rulebook (Bauregelliste) A (6.17). A general Construction Supervision Certificate (P) and Certificate of Conformity (ÜZ) have been awarded by Dortmund Material Testing Laboratory. The safety-engineering contract bears the registration number 12 9902-Do 20.3.

Standard fittings

FSB standard furniture rests snugly in a 7 mm bearing made of black glass-fibre reinforced plastics contained within a rose or backplate. In addition to the 7 mm glass-fibre reinforced bearing, FSB roses and back-plates feature lugs that, if properly fitted, ensure all tensile, compressive, and torsional forces arising in normal use are comprehensively contained and absorbed. These design features have been proving their worth for decades.



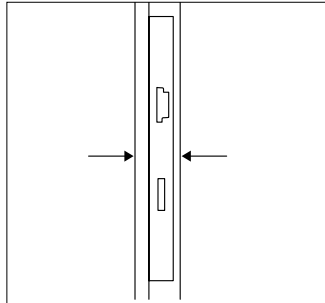
	Project fittings	Fire door fittings* 	Standard fittings
Uses	<p>The FSB project fittings with compensating bearing deal very ably with the considerable axial and vertical forces that arise given doors that are in virtually constant use. This is ideal for use in:</p> <ul style="list-style-type: none"> - Schools - Nursery schools - Hospitals - Nursing homes - Office buildings - Banks 	<p>All fire-safety fittings shown in this Manual are to the German standard DIN 18 273. They are quality-controlled in compliance with the directives of Construction Rulebook (Bauregelliste) A (6.17) and covered by a Certificate of Conformity (ÜZ) and the general construction Supervision Certificate (P) of the Dortmund Material Testing Laboratory, safety-engineering contract No. 12 9902-Do 20.3.</p>	<p>Standard fittings are designed for normal use and are generally installed in the home. The lever section fits into a rugged injection-moulded black plastic bearing. Correctly fitted, these handles will provide decades of service.</p>
Specification details	<p>Project fittings with FSB compensating bearing</p> <p>FSB lever handle furniture No.</p> <p>FSB dead knob/lever furniture No.</p> <p>FSB bathroom furniture No.</p> <p>Levers operating in conjunction with the FSB compensating bearing and the FSB Stabil-spindle, inseparable from their backplate or rose but nevertheless rotate freely, concealed fixing on both sides.</p> <p>Backplates with lugs 10 mm dia.,</p> <p>roses with lugs 8.5 mm dia.,</p> <p>prepared for door thickness mm,</p> <p>manufactured in Aluminium/Stainless steel</p>	<p>FSB fire door fittings</p> <p>FSB fire door lever handle furniture No.</p> <p>FSB fire door dead knob/lever furniture No.</p> <p>turnably fixed in 7 mm bearing, non loosening in conjunction with 9 mm FSB Stabil-spindle,</p> <p>prepared for door thickness mm,</p> <p>manufactured in Aluminium/Stainless steel</p>	<p>FSB standard door furniture</p> <p>FSB-lever handle furniture Nr.</p> <p>FSB-dead knob/lever furniture Nr.</p> <p>FSB-bathroom furniture Nr.</p> <p>features 7 mm bearing glass-fibre reinforced bearing to ensure snug lever fit.</p> <p>Roses and short backplates with lugs to counteract the tensile, compressive, and torsional forces arising in normal use,</p> <p>incorporating FSB Stabil-spindle,</p> <p>prepared for door thickness mm,</p> <p>manufactured in Aluminium/Stainless steel</p>

* acc. to German DIN 18 273

Lever handles

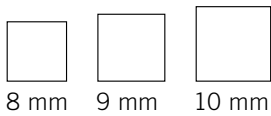
Selection guidelines

When selecting and ordering door furniture, there are a number of guidelines to follow:



Door thickness

Standard doors almost invariably feature standardised door thicknesses: internal doors 38–42 mm, entrance doors 66–70 mm. This is the standard FSB spindles are designed to. The thickness of older doors should be checked and any discrepancy pointed out when ordering.

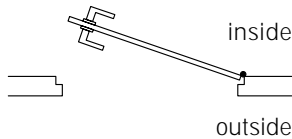


Lock follower

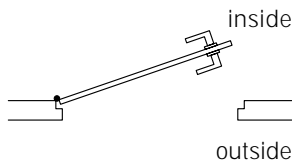
According to DIN lever handles employ different locking mechanisms depending on their application. FSB supplies:

- for internal door locks lever handles with 8 mm square spindle
- for entrance door locks lever handles with 10 mm square spindle
- for locks in fire safety, smoke and panic doors lever handles with 9 mm spindle

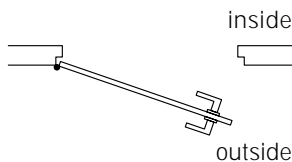
1. DIN l.h., inward opening



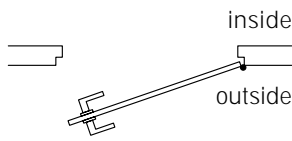
2. DIN r.h., inward opening



3. DIN l.h., outward opening

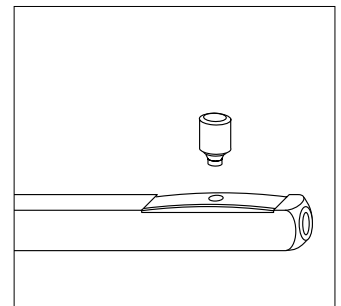


4. DIN r.h., outward opening



Handing

Doors are either right or left hand, relative to which way they open. When ordering lever furniture with dead knob or spindle element located on the outside, you should specify left or right. Indication with use of diagram nos. 1, 2, 3 or 4 would suffice. Further details p. 508.



FSB Stabil-spindle

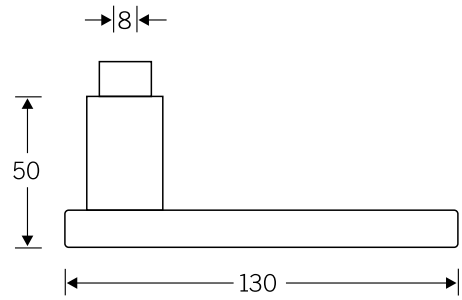
All FSB lever handles are to be fitted with the FSB Stabil-spindle. The spindle is solid and meets all the specification set out in DIN 18 255 if correctly mounted.

For detailed information on every aspect of our spindle technology, please consult pages 479 - 498.

Lever handle

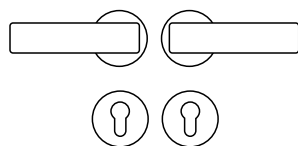
1003

Aluminium
Stainless steel

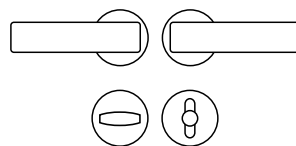


The FSB 1003 lever handle, styled like a miniature door on its side, is a bit of a collector's item. Its designer is unknown. Johannes Potente discovered this design and redesigned it in aluminium and stainless steel.

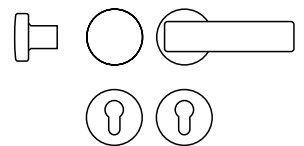
Order proposal:



Internal door furniture
Lever handle 1003
Rose 1731
Escutcheon 1735



Bathroom furniture
Lever handle 1003
Rose 1731
Roses WC 1735 0054



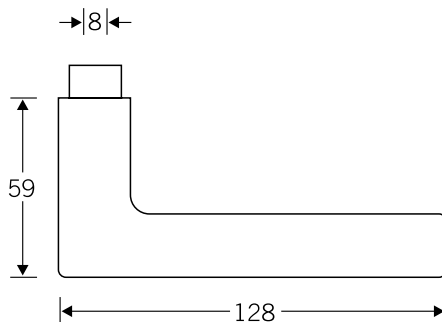
Entrance door furniture
Lever-female part 1003
Rose 1731
Escutcheon 1735
Door knob 2329 06

Lever handle

1
a



1005
Aluminium
Stainless steel



There's no shortage of wedge-shaped lever handles around. Virtually every maker features a variation on this theme in their repertoire. This design may originally have been Professor Burchartz's. The version by Johannes Potente is very slender.



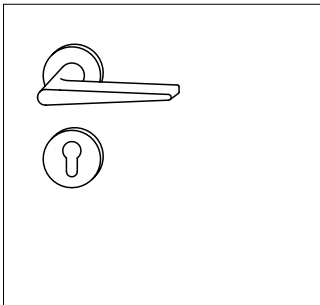
Window handle 3425 p. 139
 Pull handles p. 315ff.
 Door stops p. 177ff.
 Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7205 13

Entrance door furniture
7205 14

Bathroom furniture
7205 15

Internal door furniture
7605 13

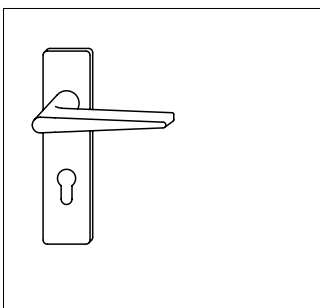
Entrance door furniture
7605 14

Inactive leaf furniture
7605 73
without escutcheon

Internal door furniture
1005 | 1731 | 1735

Entrance door furniture
1005 | 1731 | 1735 | 2329 06

Bathroom furniture
1005 | 1731 | 1735 0054



Internal door furniture
7205 01

Entrance door furniture
7205 02

Bathroom furniture
7205 03

Internal door furniture
7605 01

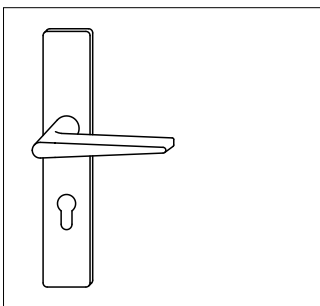
Entrance door furniture
7605 02

Inactive leaf furniture
7605 71
without keyhole

Internal door furniture
1005 | 1402

Entrance door furniture
1005 | 1402 | 1966

Bathroom furniture
1005 | 1402 0054



Internal door furniture
7205 09

Entrance door furniture
7205 10

Bathroom furniture
7205 11

Internal door furniture
7605 09

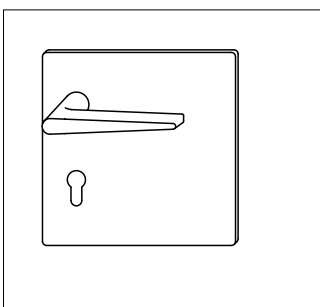
Entrance door furniture
7605 10

Inactive leaf furniture
7605 79
without keyhole

Internal door furniture
1005 | 1410

Entrance door furniture
1005 | 1410 | 1970

Bathroom furniture
1005 | 1410 0054



Internal door furniture
7205 16 r.h. | 7205 19 l.h.

Entrance door furniture
7205 17 r.h. | 7205 20 l.h.

Bathroom furniture
7205 18 r.h. | 7205 21 l.h.

Internal door furniture
7605 16 r.h. | 7605 19 l.h.

Entrance door furniture
7605 17 r.h. | 7605 20 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle

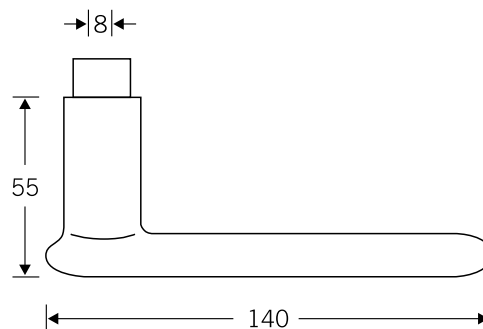
1

a



1010

Aluminium
Stainless steel



During a visit in 1996 to the Charité hospital in East Berlin, FSB staff came across a lever handle design they had never seen before - an upright oval grip yoked to a cylindrical shank.

It pleased us no end, so we thought it might find favour elsewhere too. And so it came to pass that we marketed our felicitous little find from Berlin.

Always on the look-out for uncluttered designs, the visiting group duly reported back to base on returning to the Weserberg hills. FSB in-house designer Hartmut Weise listened attentively and then set about constructing a model incorporating what he had heard.



Window handle 3484 p. 149
Pull handles p. 315ff.
Door stops p. 177ff.

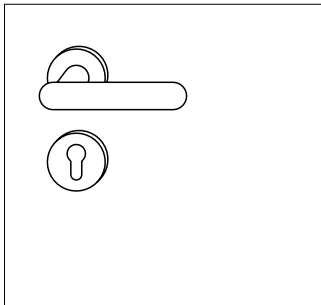
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7230 13

Entrance door furniture
7230 12

Bathroom furniture
7230 15

Internal door furniture
7630 13

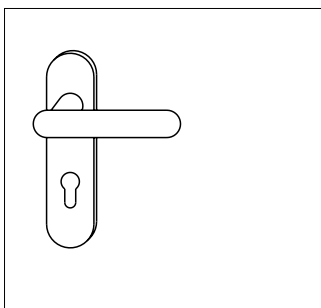
Entrance door furniture
7630 12

Inactive leaf furniture
7630 73
without escutcheon

Internal door furniture
1010 | 1731 | 1735

Entrance door furniture
1010 | 1731 | 1735 | 2302 06

Bathroom furniture
1010 | 1731 | 1735 0054



Internal door furniture
7230 04

Entrance door furniture
7230 05

Bathroom furniture
7230 06

Internal door furniture
7630 04

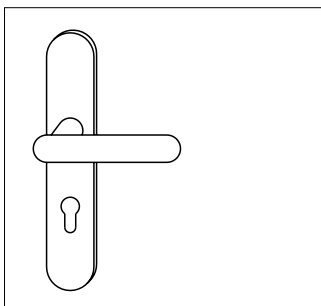
Entrance door furniture
7630 05

Inactive leaf furniture
7630 74
without keyhole

Internal door furniture
1010 | 1415

Entrance door furniture
1010 | 1415 | 1923

Bathroom furniture
1010 | 1415 0054



Internal door furniture
7230 39

Entrance door furniture
7230 40

Bathroom furniture
7230 41

Internal door furniture
7630 39

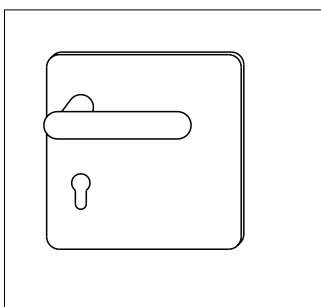
Entrance door furniture
7630 40

Inactive leaf furniture
7630 78
without keyhole

Internal door furniture
1010 | 1418

Entrance door furniture
1010 | 1418 | 1927

Bathroom furniture
1010 | 1418 0054



Internal door furniture
7230 16 r.h. | 7230 19 l.h.

Entrance door furniture
7230 27 r.h. | 7230 28 l.h.

Bathroom furniture
7230 18 r.h. | 7230 21 l.h.

Internal door furniture
7630 16 r.h. | 7630 19 l.h.

Entrance door furniture
7630 27 r.h. | 7630 28 l.h.

Those fire door fittings are
only available in stainless
steel.

Internal door furniture
1010 | 1418

Entrance door furniture
1010 | 1418 | 1927

Bathroom furniture
1010 | 1418 0054

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

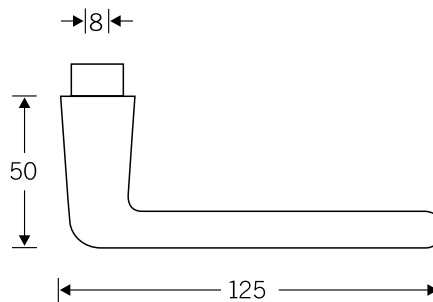
Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle

1
a



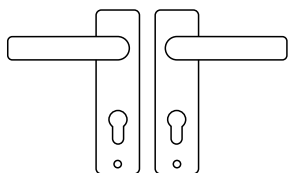
1012
Aluminium



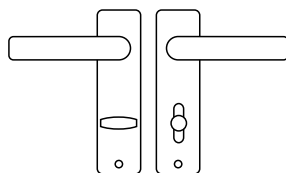
Some lever handle types defy explanation as to either their origins or their market durability. This is especially true of FSB 1012. It used to be known colloquially as a 'Reich-shape' but is now described as an 'upright oval'. It is said to have been first used in 1926 in IG Farben's admin block in Frankfurt.

It was inspired by the architect Hans Poelzig. The version shown here was adapted by Peter Assenmacher in 1988.

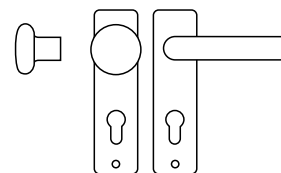
Order proposal:



Internal door furniture
Lever handle 1012
Backplate 1402



Bathroom furniture
Lever handle 1012
Backplates WC 1402 0054

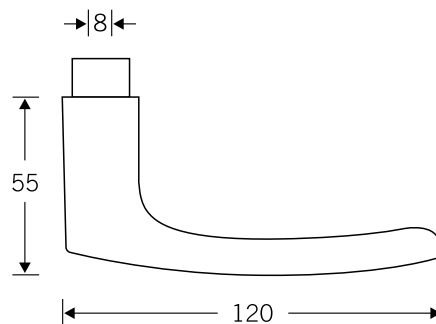


Entrance door furniture
Lever-female part 1012
Backplate 1402
Knob backplate 1904

Lever handle



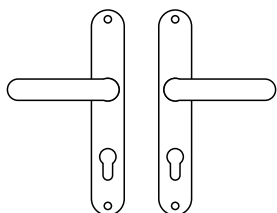
1014
Aluminium



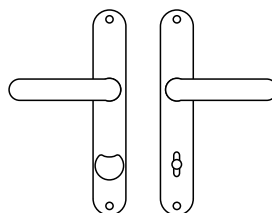
For some time now a design philosophy dubbed the 'new restraint' has been doing the rounds. The names most frequently cited in architectural hardware circles in this connection are Hartmut Weise (FSB 1025) and Jasper Morrison (FSB 1144).

We would now like to make a further contribution to the new spirit of restraint with lever handle design FSB 1014 and the new FSB 1417 narrow backplate. Handle and plate enter into such a slender unfussy union that imagining anything more restrained would be a bit difficult. Designed by Hartmut Weise.

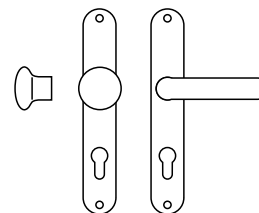
Order proposal:



Internal door furniture
Lever handle 1014
Backplate 1417



Bathroom furniture
Lever handle 1014
Backplates WC 1417 7554



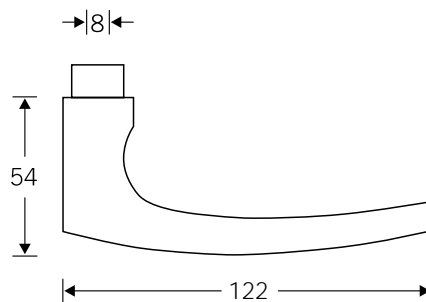
Entrance door furniture
Lever-female part 1014
Backplate 1417
Knob backplate 1912

Lever handle

1
a



1015
Aluminium
Stainless steel



It is not known who designed the original of FSB 1015. We suspect it was hatched by the Wehag company. Like most FSB lever handles, 1015 was conceived by Johannes Potente. The clarity of the design struck a particular chord in the Netherlands - more than 40 years ago.



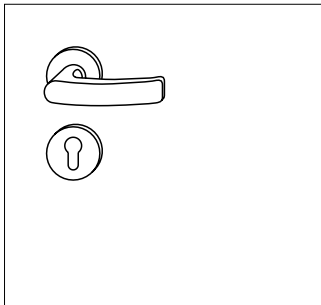
Window handle 3424	p. 139
Pull handles	p. 315ff.
Door stops	p. 177ff.
Specification details	p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7215 13

Entrance door furniture
7215 14

Bathroom furniture
7215 15

Internal door furniture
7615 13

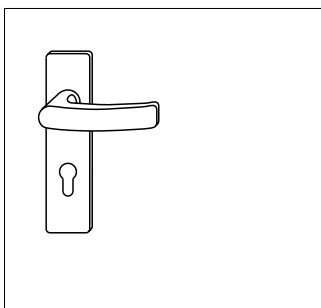
Entrance door furniture
7615 14

Inactive leaf furniture
7615 73
without escutcheon

Internal door furniture
1015 | 1731 | 1735

Entrance door furniture
1015 | 1731 | 1735 | 2329 06

Bathroom furniture
1015 | 1731 | 1735 0054



Internal door furniture
7215 01

Entrance door furniture
7215 02

Bathroom furniture
7215 03

Internal door furniture
7615 01

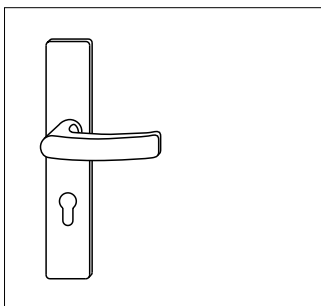
Entrance door furniture
7615 02

Inactive leaf furniture
7615 71
without keyhole

Internal door furniture
1015 | 1402

Entrance door furniture
1015 | 1402 | 1966

Bathroom furniture
1015 | 1402 0054



Internal door furniture
7215 09

Entrance door furniture
7215 10

Bathroom furniture
7215 11

Internal door furniture
7615 09

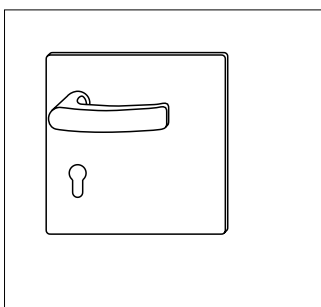
Entrance door furniture
7615 10

Inactive leaf furniture
7615 79
without keyhole

Internal door furniture
1015 | 1410

Entrance door furniture
1015 | 1410 | 1970

Bathroom furniture
1015 | 1410 0054



Internal door furniture
7215 16 r.h. | 7215 19 l.h.

Entrance door furniture
7215 17 r.h. | 7215 20 l.h.

Bathroom furniture
7215 18 r.h. | 7215 21 l.h.

Internal door furniture
7615 16 r.h. | 7615 19 l.h.

Entrance door furniture
7615 17 r.h. | 7615 20 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle

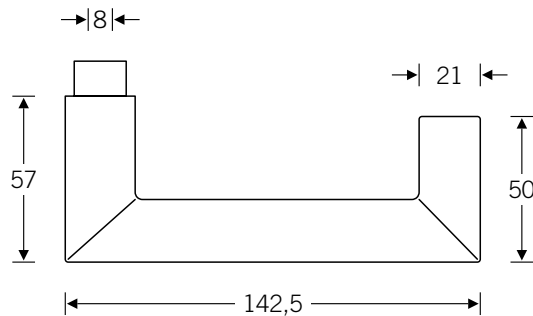
1

a

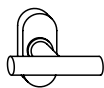


1016

Aluminium
Stainless steel



FSB's first Grey Manual published in 1990 introduced to the market a lever handle based on a design from the 1920s. FSB 1076 subsequently became the most copied handle of the 20th century. FSB 1016, the model pictured here, is a closed variant that meets the specifications for emergency exits set forth under DIN 18 273 5.9.



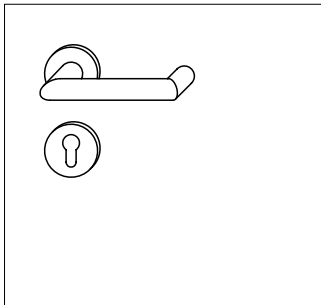
Window handle 3403	p. 160
Window handle 3476	p. 149
Pull handles	p. 315ff.
Door stops	p. 177ff.
Lever handle for framed doors	p. 428ff.
Specification details	p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7216 13

Entrance door furniture
7216 14

Bathroom furniture
7216 15

Internal door furniture
7616 13

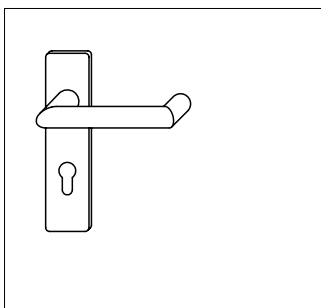
Entrance door furniture
7616 14

Inactive leaf furniture
7616 73
without escutcheon

Internal door furniture
1016 | 1731 | 1735

Entrance door furniture
1016 | 1731 | 1735 | 2329 06

Bathroom furniture
1016 | 1731 | 1735 0054



Internal door furniture
7216 01

Entrance door furniture
7216 02

Bathroom furniture
7216 03

Internal door furniture
7616 01

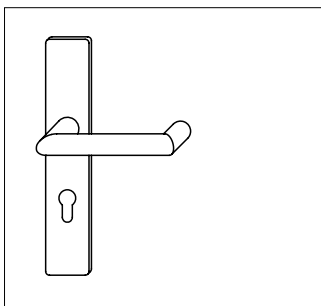
Entrance door furniture
7616 02

Inactive leaf furniture
7616 71
without keyhole

Internal door furniture
1016 | 1402

Entrance door furniture
1016 | 1402 | 1966

Bathroom furniture
1016 | 1402 0054



Internal door furniture
7216 09

Entrance door furniture
7216 10

Bathroom furniture
7216 11

Internal door furniture
7616 09

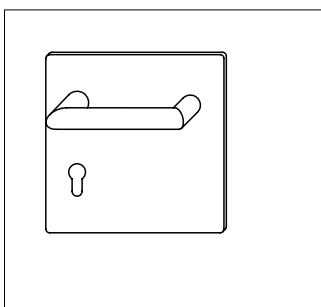
Entrance door furniture
7616 10

Inactive leaf furniture
7616 79
without keyhole

Internal door furniture
1016 | 1410

Entrance door furniture
1016 | 1410 | 1970

Bathroom furniture
1016 | 1410 0054



Internal door furniture
7216 16 r.h. | 7216 19 l.h.

Entrance door furniture
7216 17 r.h. | 7216 20 l.h.

Bathroom furniture
7216 18 r.h. | 7216 21 l.h.

Internal door furniture
7616 16 r.h. | 7616 19 l.h.

Entrance door furniture
7616 17 r.h. | 7616 20 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

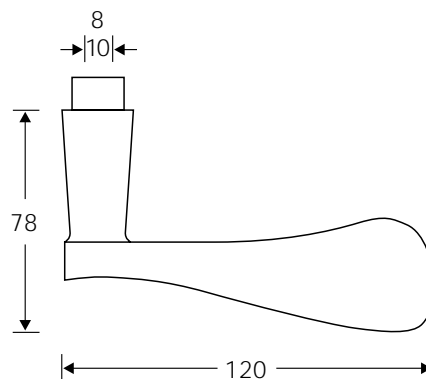
Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle

1
a



1020
Aluminium

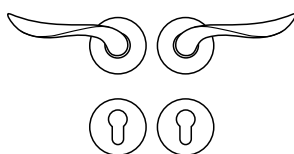


The 'functional style' of the 50s found its clearest expression in the model FSB 1020. Johannes Potente designed this model in 1953. His design's strong points are its physical dynamism, its simple hand shape and an asymmetry that gives the illusion of symmetry.

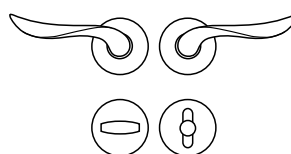
When Johannes Potente designed his 1020 model, it was his intention to provide visual relief from the strict lines of the door, 'inviting' the observer to take hold of the handle.

FSB 1020 is one of four models designed by Designer Johannes Potente which became part of the permanent collection of the MoMA in New York.

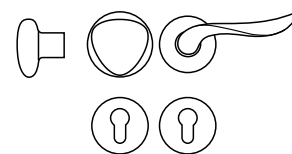
Order proposal:



Internal door furniture
Lever handle 1020
Rose 1731
Escutcheon 1735



Bathroom furniture
Lever handle 1020
Rose 1731
Roses WC 1735 0054

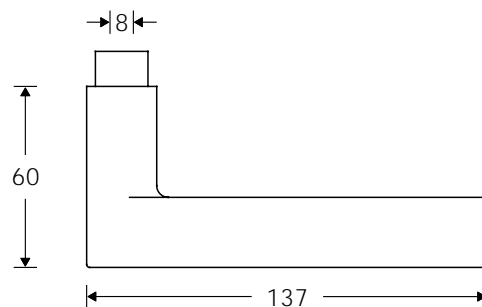


Entrance door furniture
Lever-female part 1020
Rose 1731
Escutcheon 1735
Door knob 2327 06

Lever handle



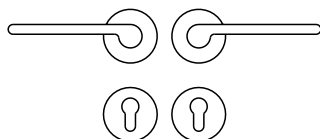
1021
Aluminium
Stainless steel



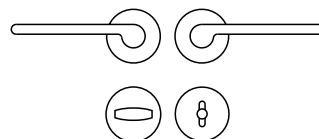
Illustrated on pages 4 and 5 of a 30s' catalogue by the bronze-ware company S. A. Loevy are half a dozen door fittings by Rachlis, Grenander, Behrens, Wagenfeld and Paul in which a round shank is combined with a flat grip section. In the 90s, the Spanish designer Miguel Milá bent things round a bit to produce the FSB 1126 model.

This time, though, we are adhering more to the original 30s' designs. The third modernist age embraces the spirit of the Bauhaus.

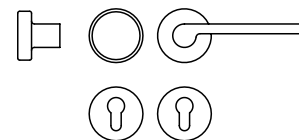
Order proposal:



Internal door furniture
Lever handle 1021
Rose 1731
Escutcheon 1735



Bathroom furniture
Lever handle 1021
Rose 1731
Roses WC 1735 0054



Entrance door furniture
Lever-female part 1021
Rose 1731
Escutcheon 1735
Door knob 2329 06

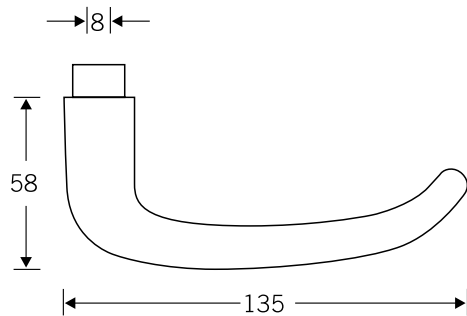
Lever handle

1
a



1023

Aluminium
Stainless steel



When the Ulm Design College was being built in the Fifties, the Swiss architect, sculptor and designer Max Bill with Ernst Moeckel designed a lever handle based on the railway carriage handle common in Switzerland. It entered design history as the 'Ulm handle'.

Johannes Potente took this as the starting point for the 1023 model, still a compelling alternative to anonymous tubular designs.



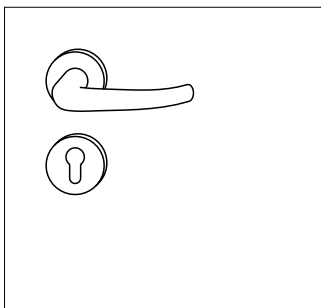
Window handle 3423 p. 138
 Pull handles p. 315ff.
 Door stops p. 177ff.
 Lever handle for framed doors p. 426ff.
 Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7223 13

Entrance door furniture
7223 12

Bathroom furniture
7223 15

Internal door furniture
7623 13

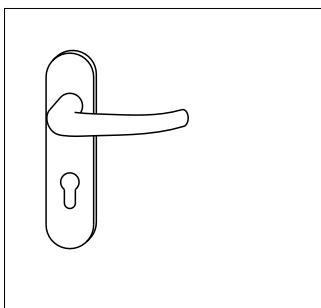
Entrance door furniture
7623 12

Inactive leaf furniture
7623 73
without escutcheon

Internal door furniture
1023 | 1731 | 1735

Entrance door furniture
1023 | 1731 | 1735 | 2302 06

Bathroom furniture
1023 | 1731 | 1735 0054



Internal door furniture
7223 04

Entrance door furniture
7223 05

Bathroom furniture
7223 06

Internal door furniture
7623 04

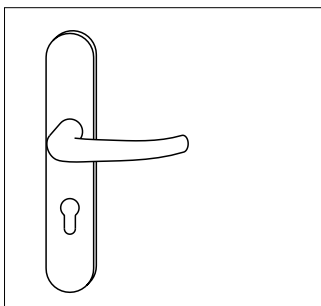
Entrance door furniture
7623 05

Inactive leaf furniture
7623 74
without keyhole

Internal door furniture
1023 | 1415

Entrance door furniture
1023 | 1415 | 1923

Bathroom furniture
1023 | 1415 0054



Internal door furniture
7223 39

Entrance door furniture
7223 40

Bathroom furniture
7223 41

Internal door furniture
7623 39

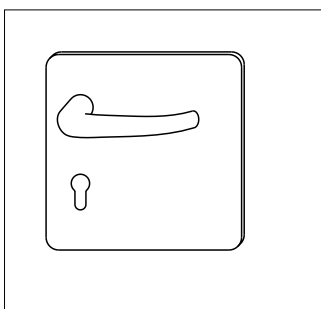
Entrance door furniture
7623 40

Inactive leaf furniture
7623 78
without keyhole

Internal door furniture
1023 | 1418

Entrance door furniture
1023 | 1418 | 1927

Bathroom furniture
1023 | 1418 0054



Internal door furniture
7223 16 r.h. | 7223 19 l.h.

Entrance door furniture
7223 27 r.h. | 7223 28 l.h.

Bathroom furniture
7223 18 r.h. | 7223 21 l.h.

Internal door furniture
7623 16 r.h. | 7623 19 l.h.

Entrance door furniture
7623 27 r.h. | 7623 28 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings feature roses or backplates with concealed fixing. Item numbers and dimensions of roses and plates can be ascertained using the table on page 91.

Standard fittings feature concealed fixing on roses and visible fixing on plates. Alternatives on pages 93-.

Lever handle

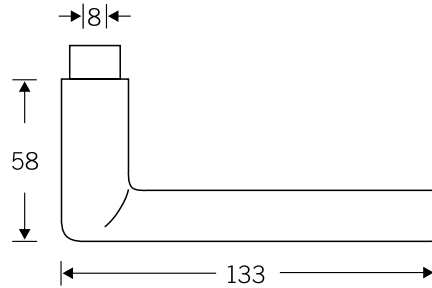
1

a



1025

Aluminium natural colour
anodised
Stainless steel



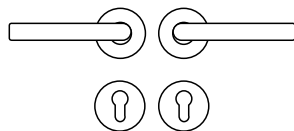
FSB 1025 is the nucleus of the 'FSB Light' range of handles.

Its stylistic identity is clearly discernible. A straight handle grip, fashioned in cross section like the outline of a teardrop, slants away from the axis of the lever shank to which it is connected.

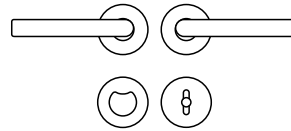
FSB 1025 possesses an elegant modesty that will please all those keen on no-frills efficiency. With the gripping surface tilted at 45 degrees, the hand slips on easily; the handle's globular section makes for comfortable and secure gripping, allowing the door to be opened or closed with little effort.

A central element in the design of FSB 1025 is its vividly condensed ridge of luminosity. The effect of slenderness in this unfussy door handle model is heightened by the way light and shade are manipulated.

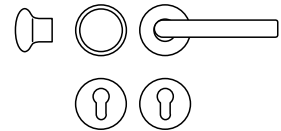
Order proposal:



Internal door furniture
Lever handle 1025
Rose 1707
Escutcheon 1708



Bathroom furniture
Lever handle 1025
Rose 1707
Roses WC 1708 7554



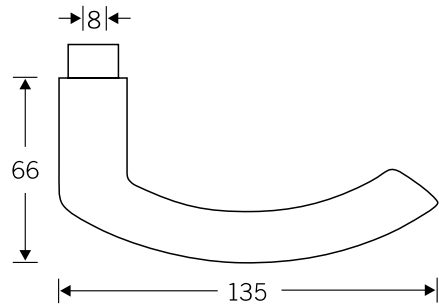
Entrance door furniture
Lever-female part 1025
Rose 1707
Escutcheon 1708
Door knob 2380 06

Lever handle



1026

Aluminium natural colour
anodised

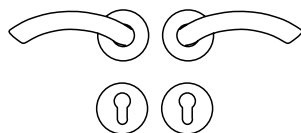


Lever handle model FSB 1026 adds a rising quarter circle to the core features of the 'FSB Light' range, thus pointedly making its mark.

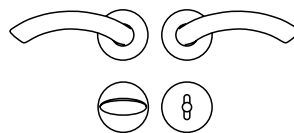
The sectionally globular grip arcs up in a quarter circle as though reaching out to be held. This is a door handle that can be grasped with equal ease left- or right-handedly. There's good support for elbows and forearms.

The curvature creates the impression of increased gripping substance, although here, too, material input was kept to a minimum.

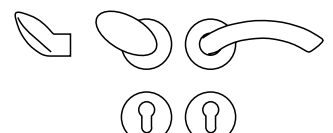
Order proposal:



Internal door furniture
Lever handle 1026
Rose 1707
Escutcheon 1708



Bathroom furniture
Lever handle 1026
Rose 1707
Roses WC 1708 0054



Entrance door furniture
Lever-female part 1026
Rose 1707
Escutcheon 1708
Door knob, r.h. 2326 0406
l.h. 2326 0506

Lever handle

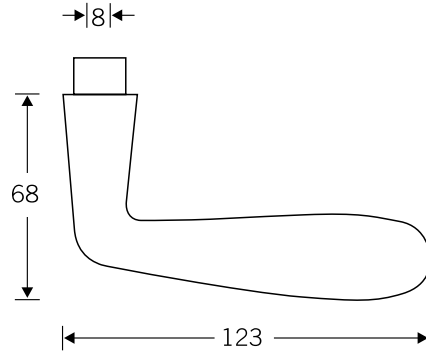
1

a



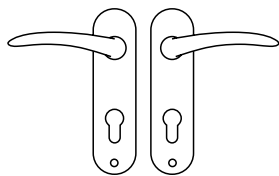
1027

Aluminium
Stainless steel

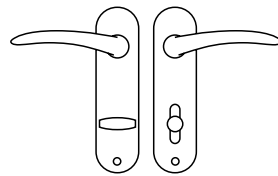


FSB 1027 is regarded as a stock item in the industry. It is also disparagingly known as the 'shoe horn' model. The basic design was first marketed by wehag, designed by Professor Max Burchartz. It sits extremely snugly in the hand and is notably unobtrusive. FSB's 'shoe horn'-version was designed by Johannes Potente.

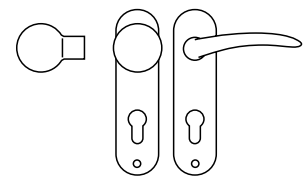
Order proposal:



Internal door furniture
Lever handle 1027
Backplate 1415



Bathroom furniture
Lever handle 1027
Backplates WC 1415 0054



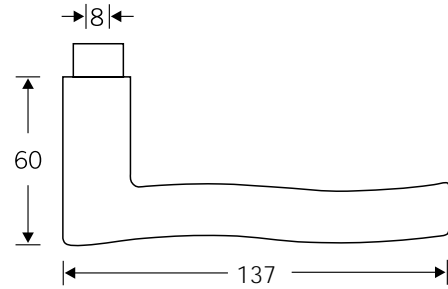
Entrance door furniture
Lever-female part 1027
Backplate 1415
Knob backplate 1923

Lever handle



1028

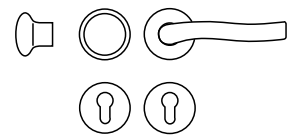
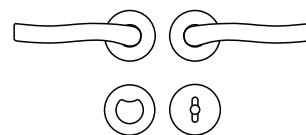
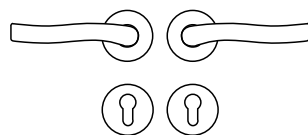
Aluminium natural colour
anodised
Stainless steel



FSB 1028 is the most ornate of the handles in the 'FSB Light' range. It's a bold variation on the FSB 1025 theme that nonetheless retains the vital ergonomic features.

This is a design that catches the eye and is just as good to hold. The undular styling of the actual handle is both visually striking and a stimulating experience for the hand. It's as elegant a silver embellishment as you could wish to see on any door, and it also does the job of opening and closing the door pretty well.

Order proposal:



Internal door furniture
Lever handle 1028
Rose 1707
Escutcheon 1708

Bathroom furniture
Lever handle 1028
Rose 1707
Roses WC 1708 7554

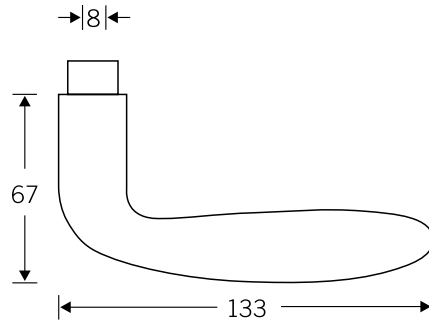
Entrance door furniture
Lever-female part 1028
Rose 1707
Escutcheon 1708
Door knob 2380 06

Lever handle



1029

Aluminium natural colour anodised



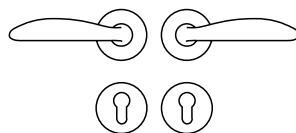
FSB 1029 is a special moulded-to-the-hand design that augments the other three handles in the 'FSB Light' range.

We only use the phrase 'moulded-to-the-hand' for models that meet our four Good Grip criteria to the letter.

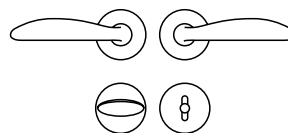
Hartmut Weise managed to modify the teardrop motif in such a way that the thumb and the forefinger have somewhere to go and the palm of the hand has ample bulk to grip on.

This model incorporates a few more grammes of aluminium than the other three lighter designs in the 'FSB Light' series. But that could not be avoided, given what the model has to offer. And at the end of the day aluminium is fully recyclable.

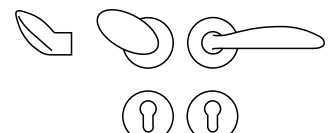
Order proposal:



Internal door furniture	
Lever handle	1029
Rose	1707
Escutcheon	1708



Bathroom furniture	
Lever handle	1029
Rose	1707
Roses WC	1708 0054

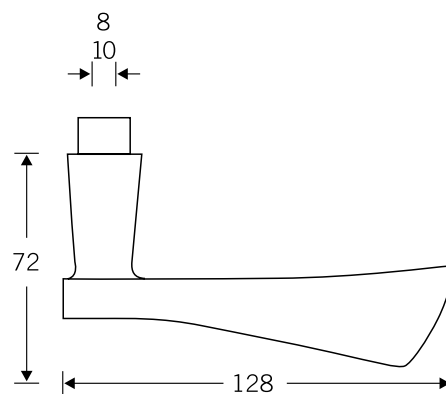


Entrance door furniture	
Lever-female part	1029
Rose	1707
Escutcheon	1708
Door knob, r.h.	2326 0406
l.h.	2326 0506

Lever handle

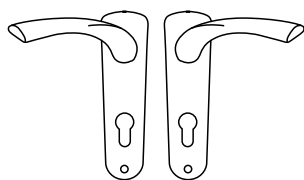


1034
Aluminium

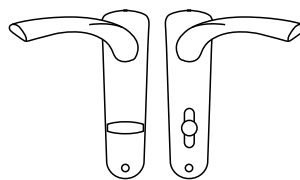


The FSB 1034 lever handle was Johannes Potente's first major hit. It dates from 1952. Once the copyright lapsed, it was imitated by the million throughout the world. It even had to suffer being remodelled in grey plastic – back in the days before plastic went technicolor. The Four Rules of the Grip viz. thumb guide, forefinger furrow, ball-of-thumb support and gripping substance are ideally catered for.

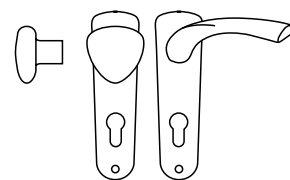
Order proposal:



Internal door furniture
Lever handle 1034
Backplate 1431



Bathroom furniture
Lever handle 1034
Backplates WC 1431 0054



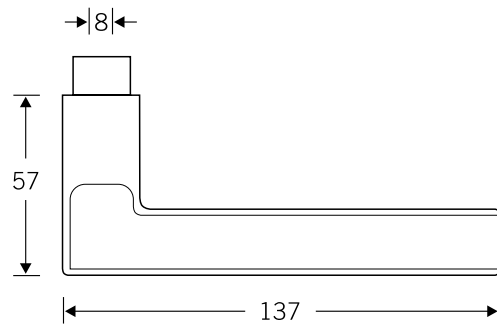
Entrance door furniture
Lever-female part 1034
Backplate 1431
Knob backplate 1936

Lever handle



1035

Aluminium
Stainless steel



In the autumn of 1996, the Düsseldorf-based interior designer Heike Falkenberg invited us to recreate a handle design from the past as part of a renovation project. On the strength of sketches submitted, the FSB development department did some milling work on FSB 1076 to arrive at a first approximation. We were so enamoured of the prototype that we decided on the spot to present our hefty new idea to the market.



Window handle 3459 p. 146
Pull handles p. 315ff.
Door stops p. 177ff.

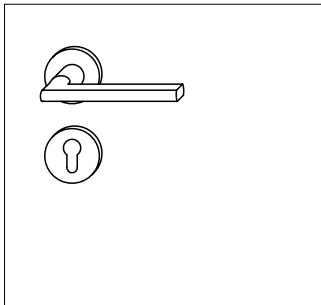
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7235 13

Entrance door furniture
7235 14

Bathroom furniture
7235 15

Internal door furniture
7635 13

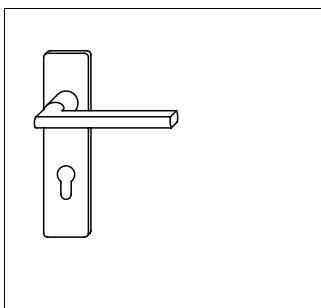
Entrance door furniture
7635 14

Inactive leaf furniture
7635 73
without escutcheon

Internal door furniture
1035 | 1731 | 1735

Entrance door furniture
1035 | 1731 | 1735 | 2329 06

Bathroom furniture
1035 | 1731 | 1735 0054



Internal door furniture
7235 01

Entrance door furniture
7235 02

Bathroom furniture
7235 03

Internal door furniture
7635 01

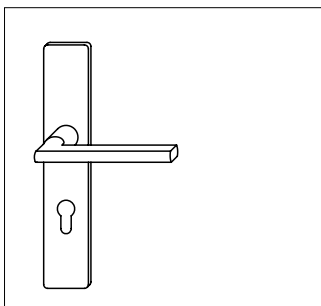
Entrance door furniture
7635 02

Inactive leaf furniture
7635 71
without keyhole

Internal door furniture
1035 | 1402

Entrance door furniture
1035 | 1402 | 1966

Bathroom furniture
1035 | 1402 0054



Internal door furniture
7235 09

Entrance door furniture
7235 10

Bathroom furniture
7235 11

Internal door furniture
7635 09

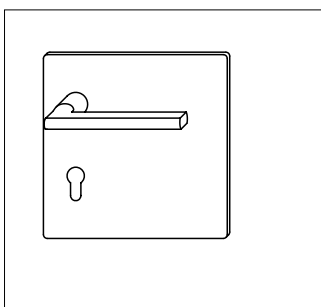
Entrance door furniture
7635 10

Inactive leaf furniture
7635 79
without keyhole

Internal door furniture
1035 | 1410

Entrance door furniture
1035 | 1410 | 1970

Bathroom furniture
1035 | 1410 0054



Internal door furniture
7235 16 r.h. | 7235 19 l.h.

Entrance door furniture
7235 17 r.h. | 7235 20 l.h.

Bathroom furniture
7235 18 r.h. | 7235 21 l.h.

Internal door furniture
7635 16 r.h. | 7635 19 l.h.

Entrance door furniture
7635 17 r.h. | 7635 20 l.h.

Those fire door fittings are
only available in stainless
steel.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle

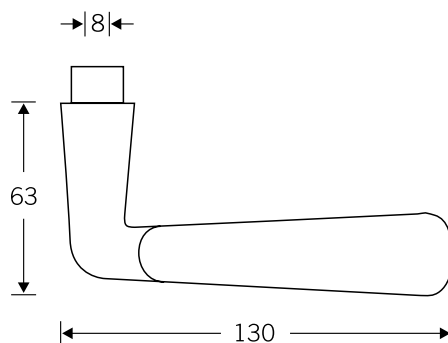
1

a



1046

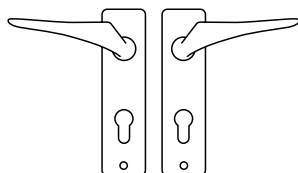
Aluminium



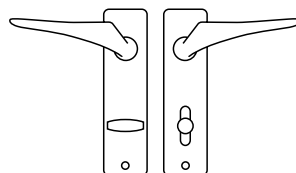
FSB 1046 sports a striking design. A straight gripping area is met by two distinct lines towards the pivot point. The resultant elongated acute-angled triangle resembles a 'beak', which is the nickname this product of the Johannes Potente design workshop acquired. The 'beak' from Brakel has become in the past decades a special collector's item.

FSB 1046 is one of four models designed by Designer Johannes Potente which became part of the permanent collection of the MoMA in New York.

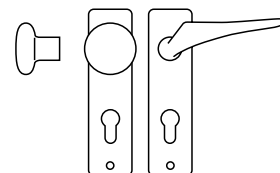
Order proposal:



Internal door furniture
Lever handle 1046
Backplate 1402



Bathroom furniture
Lever handle 1046
Backplates WC 1402 0054

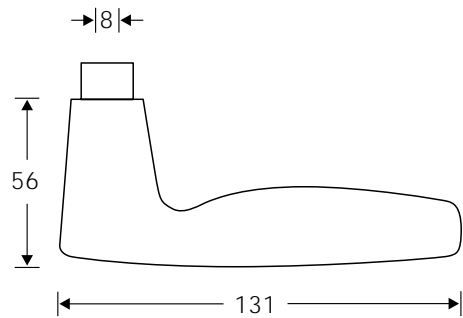


Entrance door furniture
Lever-female part 1046
Backplate 1402
Knob backplate 1904

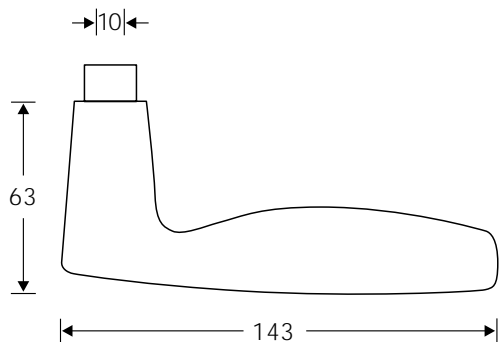
Lever handle



1051
Aluminium



1050
Aluminium

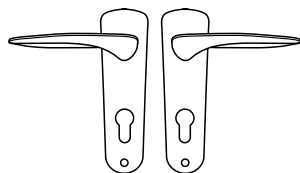


The FSB 1051 lever handle has come to epitomize FSB. It was known as the 'Schneider-handle' virtually from its conception in the mid Fifties. We can only surmise as to why this model was such a success for Johannes Potente in the Fifties (as it still is). Maybe it's because of the smooth design,

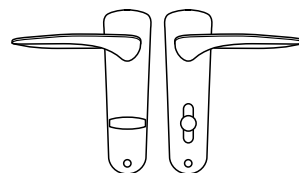
the harmonious interplay between an unerring rectilinearity and the calculated triangular design motif towards the neck.

FSB 1051 is one of four models designed by Designer Johannes Potente which became part of the permanent collection of the MoMA in New York.

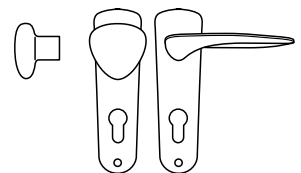
Order proposal:



Internal door furniture
Lever handle 1051
Backplate 1431



Bathroom furniture
Lever handle 1051
Backplate 1431 0054



Entrance door furniture
Lever-female part 1051
Backplate 1431
Knob backplate 1936

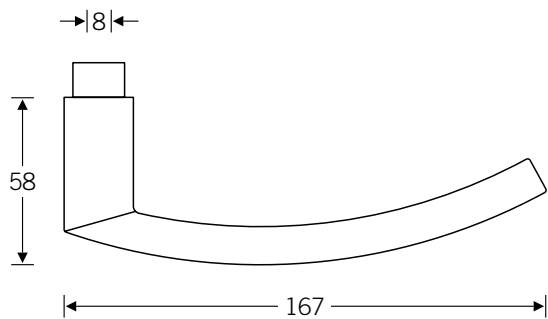
Lever handle

1
a

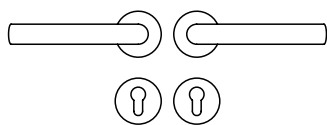


1052
Stainless steel

The styling of lever handle FSB 1052 echoes the 'Brakel lightweight' with its dynamic sense of motion (the 1107 model). Several architects and planners urged us to harness this handle shape for heavy-duty applications (e.g. in hospitals). The extended slight curvature towards the door is conducive to elbow operation should this prove necessary. This lever handle set is ideal for heavy-duty and fire-door applications. In view of the larger handle projection, FSB recommends the use of locks with a 9 mm follower and a corresponding lever handle spindle.



Order proposal:

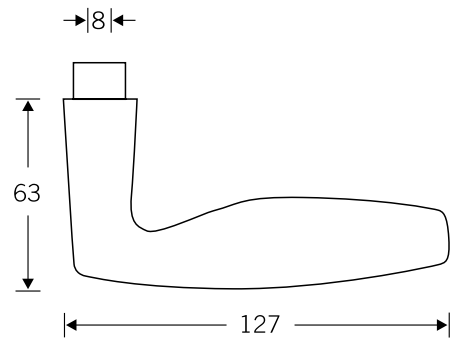


- Standard fittings Internal door furniture
- Project fittings 1052 | 1707 | 1708
- Fire door fittings* 7252 63
- * acc. to German DIN Standard 7652 63

Lever handle



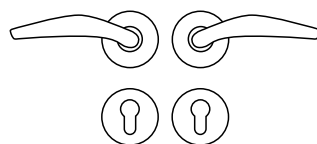
1057
Aluminium
Stainless steel



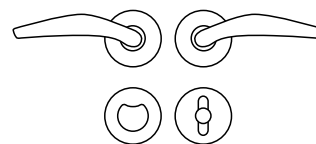
The FSB 1057 lever handle is the work of Munich designer Jan Roth. Unimpressed by the models then on sale, he decided to design handles of his own. After the first casting, he took the polished unfinished parts home and duly fitted them to his doors (which is where they still are). Will Jan Roth like our new version in stainless steel too?

The Jan Roth-designed FSB 1057 model nestles snugly in the hand, and women, especially, often fall for it on the spot.

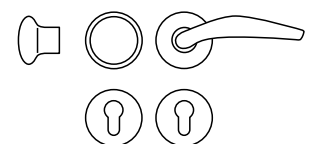
Order proposal:



Internal door furniture
Lever handle 1057
Rose 1707
Escutcheon 1708



Bathroom furniture
Lever handle 1057
Rose 1707
Roses WC 1708 7554



Entrance door furniture
Lever-female part 1057
Rose 1707
Escutcheon 1708
Door knob 2380 06

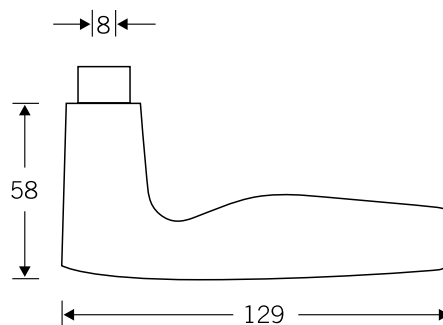
Lever handle

1
a



1058

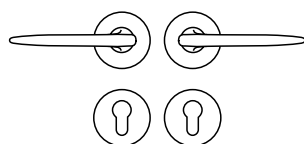
Aluminium
Stainless steel



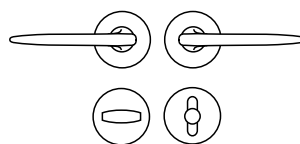
FSB 1058 was Johannes Potente's favourite. It is not known why he followed up his accomplished FSB 1051 model with a re-design two years later. The FSB 1058 re-design does away with the triangular motif near the pivotal axis. The result is a slender, elegant model that is strikingly attractive.

FSB 1058 is one of four models designed by Designer Johannes Potente which became part of the permanent collection of the MoMA in New York.

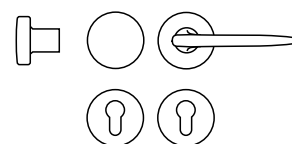
Order proposal:



Internal door furniture
Lever handle 1058
Rose 1731
Escutcheon 1735



Bathroom furniture
Lever handle 1058
Rose 1731
Roses WC 1735 0054



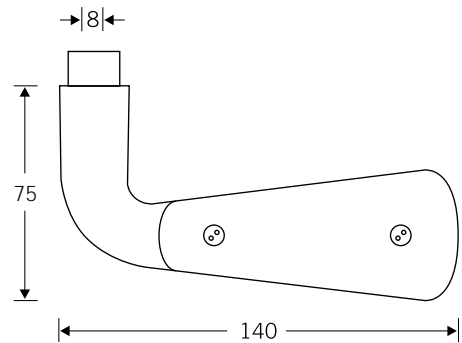
Entrance door furniture
Lever-female part 1058
Rose 1731
Escutcheon 1735
Door knob 2329 06

Lever handle



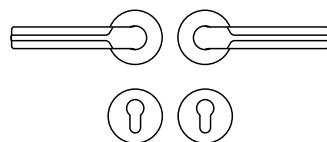
1069

Aluminium natural colour
anodised | black plastics

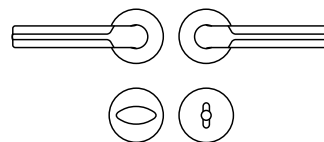


Nicholas Grimshaw's door handle design is notable for its easy readability. The grip appears to be saying 'to open please press'. The flattened bulk is clearly inviting the hand to envelop and operate it. The grip is as slender from the front as it is broad across the top. The silver aluminium layer that separates the top of the grip from the bottom lends the design a sense of great lightness.

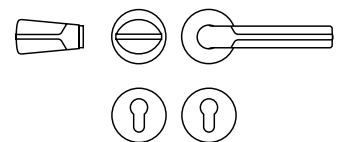
Order proposal:



Internal door furniture	
Lever handle	1069
Rose	1731
Escutcheon	1735



Bathroom furniture	
Lever handle	1069
Rose	1731
Roses WC	1735 6754



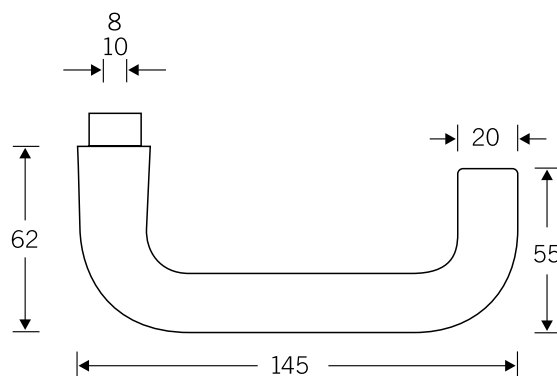
Entrance door furniture	
Lever-female part	1069
Rose	1731
Escutcheon	1735
Door knob	2369 06

Lever handle



1070

Aluminium
Stainless steel



What is there left to say about this particular design? Art historians report that it was a blacksmith of yore who fashioned the first tubular handle. In more recent times - in the 1920s - it was most likely the Wehag company that introduced the circular cross-section to architectural hardware. At about the same time the neighbouring Woelm company was launching an identical design it dubbed the 'stable door handle'.

FSB didn't leap onto the circular bandwagon until the 1970s, when the market was very well disposed to such moves. Lever handle model FSB 1070 has admittedly since found a powerful rival at home. We acquired the redesign habit from our friend Alessandro Mendini. With this approach, FSB 1070 has been redefined as the FSB 1146 model.

Order proposal:



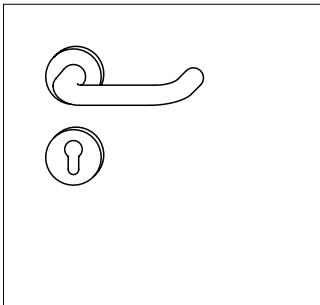
- Window handle 3421 p. 137
- Pull handles p. 315ff.
- Door stops p. 177ff.
- Lever handle for framed doors p. 428ff.
- Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7270 13

Entrance door furniture
7270 12

Bathroom furniture
7270 15

Internal door furniture
7670 13

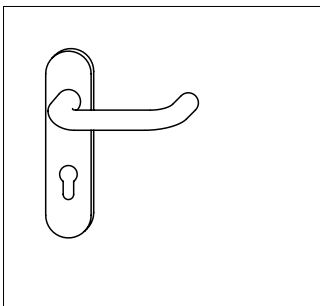
Entrance door furniture
7670 12

Inactive leaf furniture
7670 73
without escutcheon

Internal door furniture
1070 | 1731 | 1735

Entrance door furniture
1070 | 1731 | 1735 | 2302 06

Bathroom furniture
1070 | 1731 | 1735 0054



Internal door furniture
7270 04

Entrance door furniture
7270 05

Bathroom furniture
7270 06

Internal door furniture
7670 04

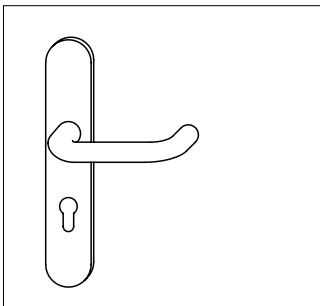
Entrance door furniture
7670 05

Inactive leaf furniture
7670 74
without keyhole

Internal door furniture
1070 | 1415

Entrance door furniture
1070 | 1415 | 1923

Bathroom furniture
1070 | 1415 0054



Internal door furniture
7270 39

Entrance door furniture
7270 40

Bathroom furniture
7270 41

Internal door furniture
7670 39

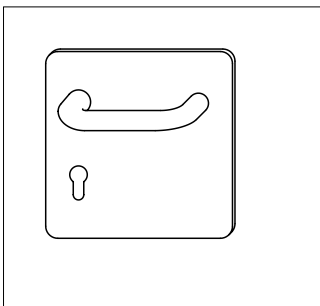
Entrance door furniture
7670 40

Inactive leaf furniture
7670 78
without keyhole

Internal door furniture
1070 | 1418

Entrance door furniture
1070 | 1418 | 1927

Bathroom furniture
1070 | 1418 0054



Internal door furniture
7270 16 r.h. | 7270 19 l.h.

Entrance door furniture
7270 27 r.h. | 7270 28 l.h.

Bathroom furniture
7270 18 r.h. | 7270 21 l.h.

Internal door furniture
7670 16 r.h. | 7670 19 l.h.

Entrance door furniture
7670 27 r.h. | 7670 28 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle

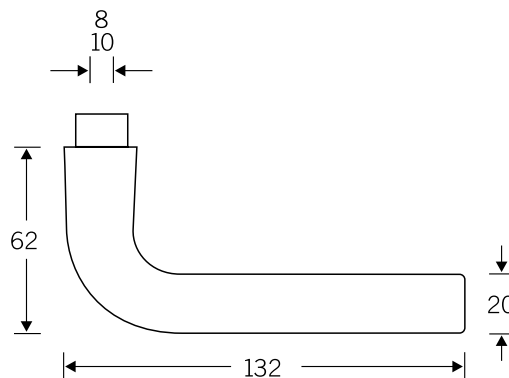
1

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1075

Aluminium
Stainless steel



The 1920s gave us three truly enduring door handle designs. In Paris, the architect Mallet-Stevens cut a tube in half and mitred it back together again (FSB 1076). The open end was rounded. In Vienna, meanwhile, the philosopher Ludwig Wittgenstein was busy bending a brass tube through 90 degrees (FSB 1147). He, too, rounded off the end. Messrs Gropius and Meyer, finally, yoked a square section shank to a circular grip (FSB 1102).

All three designs are still with us today. In fact, two and three times over as far as FSB is concerned, viz. the Frankfurt Model, Wittgenstein's handle and the Gropius/Meyer redesign by Alessandro Mendini. There's even a variation on the theme: Model FSB 1075. Someone had the bright idea of slicing off the round tip. That was the simple way FSB 1075 turned out.



Window handle 3422 p. 138
Pull handles p. 315ff.
Door stops p. 177ff.

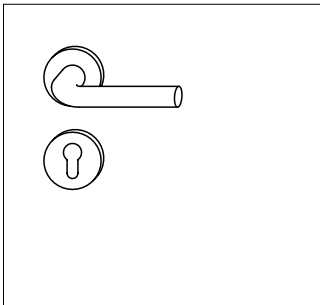
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7275 13

Entrance door furniture
7275 12

Bathroom furniture
7275 15

Internal door furniture
7675 13

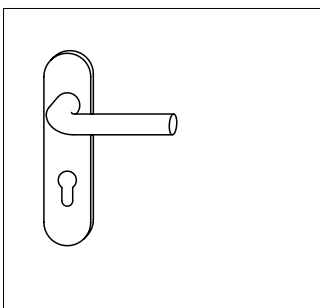
Entrance door furniture
7675 12

Inactive leaf furniture
7675 73
without escutcheon

Internal door furniture
1075 | 1731 | 1735

Entrance door furniture
1075 | 1731 | 1735 | 2302 06

Bathroom furniture
1075 | 1731 | 1735 0054



Internal door furniture
7275 04

Entrance door furniture
7275 05

Bathroom furniture
7275 06

Internal door furniture
7675 04

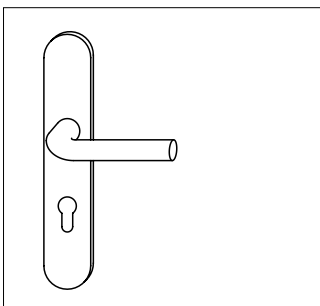
Entrance door furniture
7675 05

Inactive leaf furniture
7675 74
without keyhole

Internal door furniture
1075 | 1415

Entrance door furniture
1075 | 1415 | 1923

Bathroom furniture
1075 | 1415 0054



Internal door furniture
7275 39

Entrance door furniture
7275 40

Bathroom furniture
7275 41

Internal door furniture
7675 39

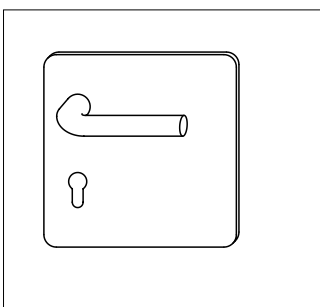
Entrance door furniture
7675 40

Inactive leaf furniture
7675 78
without keyhole

Internal door furniture
1075 | 1418

Entrance door furniture
1075 | 1418 | 1927

Bathroom furniture
1075 | 1418 0054



Internal door furniture
7275 16 r.h. | 7275 19 l.h.

Entrance door furniture
7275 27 r.h. | 7275 28 l.h.

Bathroom furniture
7275 18 r.h. | 7275 21 l.h.

Internal door furniture
7675 16 r.h. | 7675 19 l.h.

Entrance door furniture
7675 27 r.h. | 7675 28 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings feature roses or backplates with concealed fixing. Item numbers and dimensions of roses and plates can be ascertained using the table on page 91.

Standard fittings feature concealed fixing on roses and visible fixing on plates. Alternatives on pages 93-.

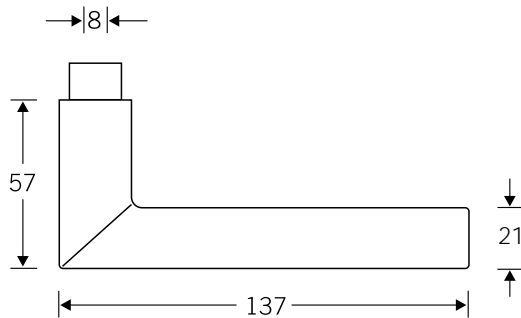
Lever handle

1
a



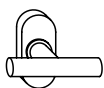
1076

Aluminium
Stainless steel



The architect Robert-Mallet Stevens (1886–1945) designed several blocks of flats in the Paris of the 1920s. He was probably the first designer to hit upon the idea of taking the tubular handle devised by the Viennese philosopher Ludwig Wittgenstein in the same decade, splitting it where it bends, and mitring it back together again at right angles.

They are now known as the 'FRANKFURT model', and there's a simple reason for this. They were rediscovered for the new Architecture Museum building in Frankfurt and soon took the market by storm.



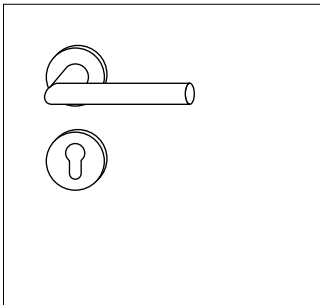
- Window handle 3403 p. 160
- Window handle 3476 p. 149
- Pull handles p. 315ff.
- Door stops p. 177ff.
- Lever handle for framed doors p. 428ff.
- Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7276 13

Entrance door furniture
7276 14

Bathroom furniture
7276 15

Internal door furniture
7676 13

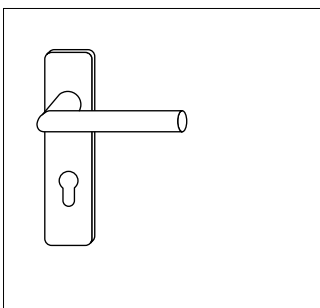
Entrance door furniture
7676 14

Inactive leaf furniture
7676 73
without escutcheon

Internal door furniture
1076 | 1731 | 1735

Entrance door furniture
1076 | 1731 | 1735 | 2329 06

Bathroom furniture
1076 | 1731 | 1735 0054



Internal door furniture
7276 01

Entrance door furniture
7276 02

Bathroom furniture
7276 03

Internal door furniture
7676 01

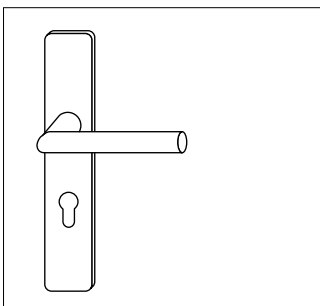
Entrance door furniture
7676 02

Inactive leaf furniture
7676 71
without keyhole

Internal door furniture
1076 | 1402

Entrance door furniture
1076 | 1402 | 1966

Bathroom furniture
1076 | 1402 0054



Internal door furniture
7276 09

Entrance door furniture
7276 10

Bathroom furniture
7276 11

Internal door furniture
7676 09

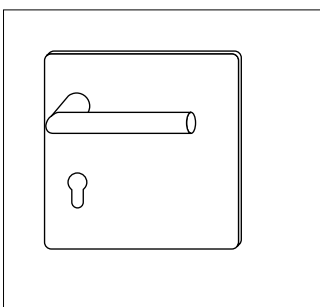
Entrance door furniture
7676 10

Inactive leaf furniture
7676 79
without keyhole

Internal door furniture
1076 | 1410

Entrance door furniture
1076 | 1410 | 1970

Bathroom furniture
1076 | 1410 0054



Internal door furniture
7276 16 r.h. | 7276 19 l.h.

Entrance door furniture
7276 17 r.h. | 7276 20 l.h.

Bathroom furniture
7276 18 r.h. | 7276 21 l.h.

Internal door furniture
7676 16 r.h. | 7676 19 l.h.

Entrance door furniture
7676 17 r.h. | 7676 20 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

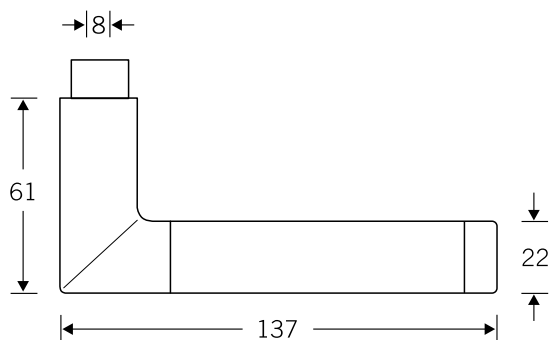
Lever handle

1
a



1077

Aluminium natural colour
anodised



The idea behind the FSB 1077 lever handle series was to give architects and end-users the opportunity to have a say in the choice of grip.

Illustrated here are the choices available. Cognoscenti will have spotted that the jazzy colours of yesteryear have made way for more subtle satin shades.

The following proven combinations await your order in FSB's stock range:

Aluminium natural colour
anodised
Grip stainless steel

Aluminium natural colour
anodised
Grip black



Window handle 3477 p. 150
Pull handles p. 315ff.
Door stops p. 177ff.

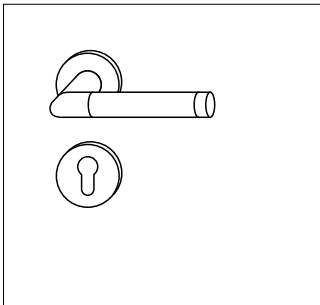
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7277 13

Entrance door furniture
7277 14

Bathroom furniture
7277 15

Internal door furniture
7677 13

Entrance door furniture
7677 14

Inactive leaf furniture
7677 73
without escutcheon

Internal door furniture
1077 | 1731 | 1735

Entrance door furniture
1077 | 1731 | 1735 | 2329 06

Bathroom furniture
1077 | 1731 | 1735 54

Grips for individuality



1300
white



8114
grey



1302
black



7582
brown



7584
anthracite



7585
green



7201
Terrazzo
black/grey



7202
Terrazzo
black/white



7215
Terrazzo
blue/beige

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



A certain number of the handle grips illustrated here are held in stock, with continuous adjustments being made to reflect customer demand. Stocks can become depleted following a large order, and restocking can take up to twelve weeks. It is therefore advisable to plan orders well ahead of schedule.

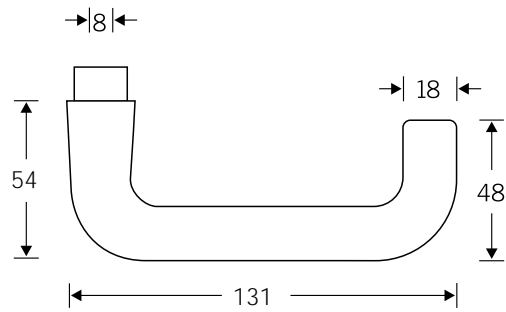
All handle grips illustrated are manufactured in DUROHORN®. The pigments used are non-fade. As with all plastics, rough contact with harder materials or sharp edges can lead to denting. This in no way impairs the operation or looks of the furniture.

Lever handle



1080

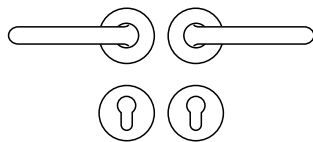
Aluminium
Stainless steel



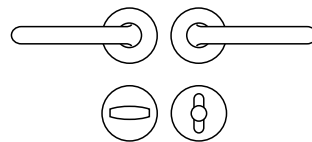
Much has been written about who invented the tubular design. Most probably it was some master craftsman way back when hammering steel tubing into a handle format on the anvil. The phrase 'horse stable handle' has long been common parlance - the end bent towards the door was presumably designed to prevent the bridle from snagging. Having served the animal world, it experienced a worldwide comeback in manifold materials and countless jazzed-up plastic colours a century later. That's the general background to this classical design.

There's no doubt who designed FSB 1080, though - none other than our during life anonymous designer Johannes Potente. His idea was to produce a shorter version suitable for domestic use. He was successful.

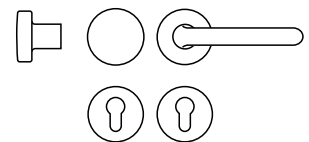
Order proposal:



Internal door furniture	
Lever handle	1080
Rose	1731
Escutcheon	1735



Bathroom furniture	
Lever handle	1080
Rose	1731
Roses WC	1735 0054

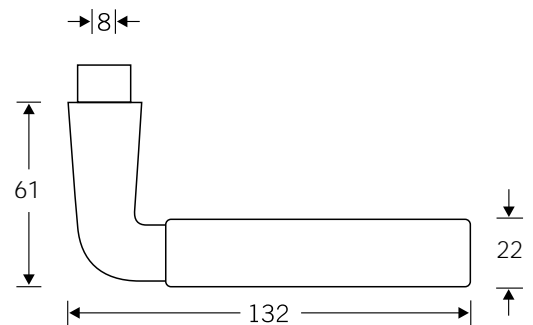


Entrance door furniture	
Lever-female part	1080
Rose	1731
Escutcheon	1735
Door knob	2329 06

Lever handle



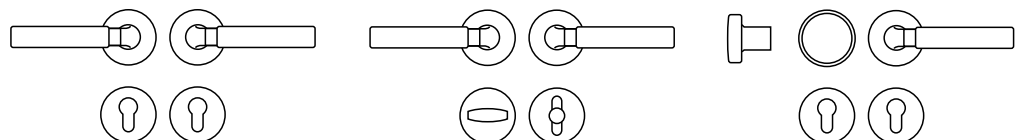
1082
Aluminium



The notion of combining metal and wood in a lever handle took to the streets, as it were, in the early Eighties. For FSB, Johannes Potente conceived a solid metal shaft with a highly tactile tubular beech grip in light and dark versions. This unorthodox series was a great Fair success and has remained a consistent seller. The FSB programme would be inconceivable without it.

- Available in:
- Aluminium natural colour anodised
 - Dark wood handle
 - Aluminium dark bronze colour anodised
 - Light wood handle

Order proposal:



Internal door furniture
Lever handle 1082
Rose 1731
Escutcheon 1735

Bathroom furniture
Lever handle 1082
Rose 1731
Roses WC 1735 0054

Entrance door furniture
Lever-female part 1082
Rose 1731
Escutcheon 1735
Door knob 2329 06

Lever handle

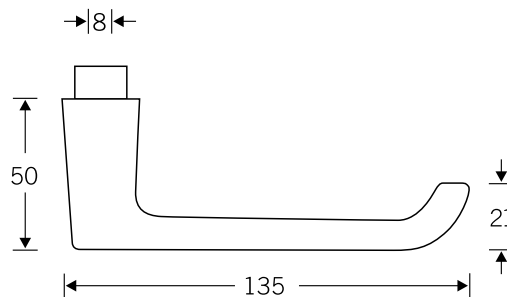
1

a



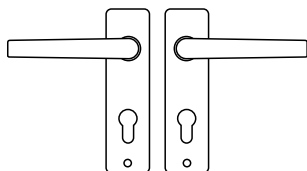
1086

Aluminium

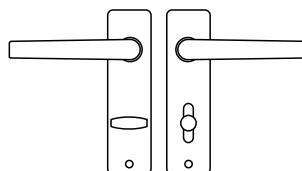


FSB 1086 has a typical 'practical shape'. These functional models are ideal where a lesser projection is required on the handle to accommodate shutters, blinds, etc. Of course it can be used as a regular pair of lever handles, too.

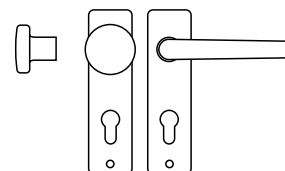
Order proposal:



Internal door furniture
Lever handle 1086
Backplate 1402



Bathroom furniture
Lever handle 1086
Backplates WC 1402 0054

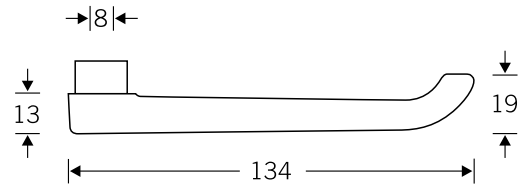


Entrance door furniture
Lever-female part 1086
Backplate 1402
Knob backplate 1966

Lever handle

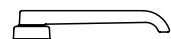
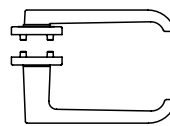


1087
Aluminium

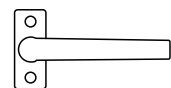
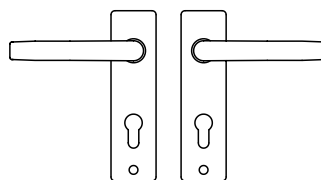


Variations of combination illustrated in the order proposal.

Order proposal:



1087
1086



Balcony lever set
Lever-female part 1086
Lever-male part 1087
Backplate 1402

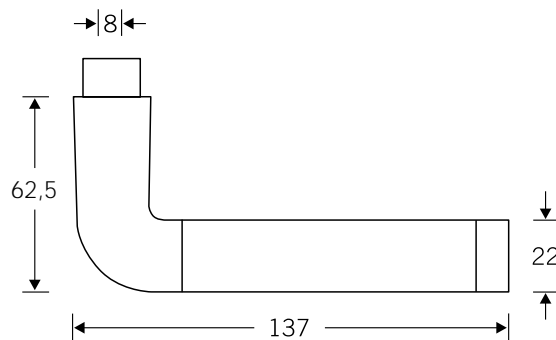
Lever handle for framed doors
0634 page 419

Lever handle



1089

Aluminium natural colour
anodised



The idea behind the FSB 1089 lever handle series was to give architects and end-users the opportunity to have a say in the choice of grip.

Illustrated here are the choices available. Cognoscenti will have spotted that the jazzy colours of yesteryear have made way for more subtle satin shades.

The following proven combinations await your order in FSB's stock range:

Aluminium natural colour
anodised
Grip stainless steel

Aluminium natural colour
anodised
Grip black



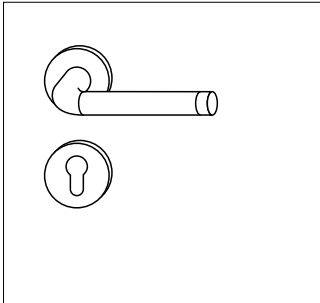
Window handle 3489	p. 150
Pull handles	p. 315ff.
Door stops	p. 177ff.
Lever handle for framed doors	p. 432ff.
Specification details	p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7289 13

Entrance door furniture
7289 14

Bathroom furniture
7289 15

Internal door furniture
7689 13

Entrance door furniture
7689 14

Inactive leaf furniture
7689 73
without escutcheon

Internal door furniture
1089 | 1731 | 1735

Entrance door furniture
1089 | 1731 | 1735 | 2329 06

Bathroom furniture
1089 | 1731 | 1735 0054

Grips for individuality



1300
white



8114
grey



1302
black



7582
brown



7584
anthracite



7585
green



7201
Terrazzo
black/grey



7202
Terrazzo
black/white



7215
Terrazzo
blue/beige

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



A certain number of the handle grips illustrated here are held in stock, with continuous adjustments being made to reflect customer demand. Stocks can become depleted following a large order, and re-stocking can take up to twelve weeks. It is therefore advisable to plan orders well ahead of schedule.

All handle grips illustrated are manufactured in DUROHORN®. The pigments used are non-fade. As with all plastics, rough contact with harder materials or sharp edges can lead to denting. This in no way impairs the operation or looks of the furniture.

Lever handle

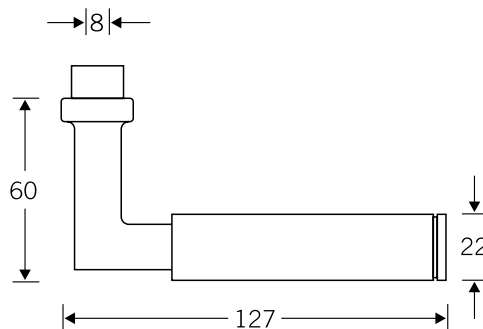
1

a



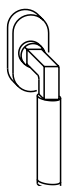
1102

Stainless steel



Model 1102 was produced by the Italian designer Alessandro Mendini, who contributed to the FSB Design Workshop by refashioning a familiar Gropius handle using new materials. So popular has Alessandro Mendini's 're-design' proved that there have been many requests for a stainless steel version. We're only too pleased to comply.

Shown on this page is the rugged version in stainless steel for heavily-used doors. The other variants are covered on the next page but one.



Window handle 3432 p. 141
 Pull handles p. 315ff.
 Door stops p. 177ff.

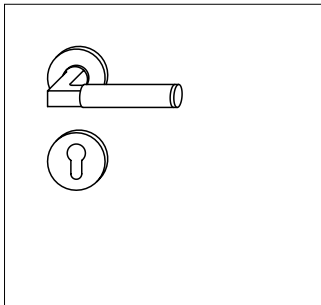
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7202 13

Entrance door furniture
7202 14

Bathroom furniture
7202 15

Internal door furniture
7602 13

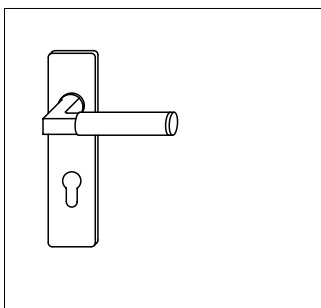
Entrance door furniture
7602 14

Inactive leaf furniture
7602 73
without escutcheon

Internal door furniture
1102 | 1731 | 1735

Entrance door furniture
1102 | 1731 | 1735 | 2329 06

Bathroom furniture
1102 | 1731 | 1735 0054



Internal door furniture
7202 01

Entrance door furniture
7202 02

Bathroom furniture
7202 03

Internal door furniture
7602 01

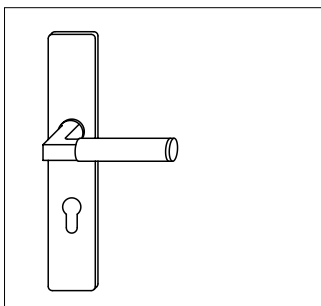
Entrance door furniture
7602 02

Inactive leaf furniture
7602 71
without keyhole

Internal door furniture
1102 | 1402

Entrance door furniture
1102 | 1402 | 1966

Bathroom furniture
1102 | 1402 0054



Internal door furniture
7202 09

Entrance door furniture
7202 10

Bathroom furniture
7202 11

Internal door furniture
7602 09

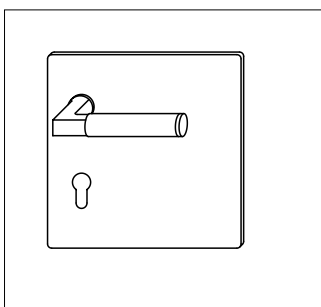
Entrance door furniture
7602 10

Inactive leaf furniture
7602 79
without keyhole

Internal door furniture
1102 | 1410

Entrance door furniture
1102 | 1410 | 1970

Bathroom furniture
1102 | 1410 0054



Internal door furniture
7202 16 r.h. | 7202 19 l.h.

Entrance door furniture
7202 17 r.h. | 7202 20 l.h.

Bathroom furniture
7202 18 r.h. | 7202 21 l.h.

Internal door furniture
7602 16 r.h. | 7602 19 l.h.

Entrance door furniture
7602 17 r.h. | 7602 20 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

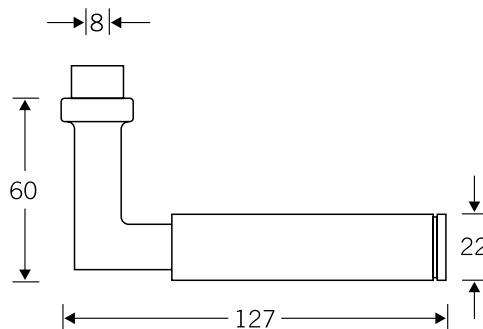
Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle



1102

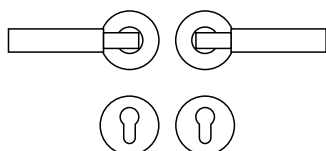
Aluminium natural colour
anodised



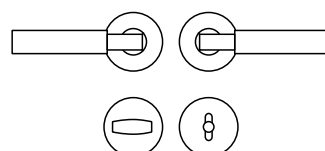
The redesign of the Gropius handle by the Italian design philosopher Alessandro Mendini is available from FSB in natural anodised aluminium or with black grip sections. No other grips are authorised by Alessandro Mendini.

Available in:
Aluminium natural colour anodised
Aluminium natural colour anodised black DUROHORN® handle

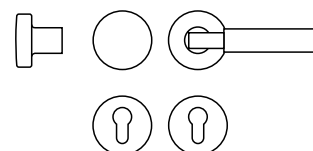
Order proposal:



Internal door furniture
Lever handle 1102
Rose 1731
Escutcheon 1735



Bathroom furniture
Lever handle 1102
Rose 1731
Roses WC 1735 0054



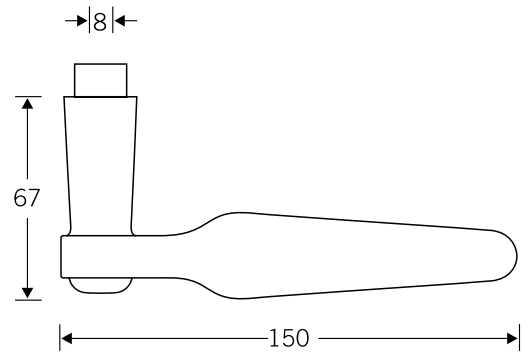
Entrance door furniture
Lever-female part 1102
Rose 1731
Escutcheon 1735
Door knob 2329 06

Lever handle



1103

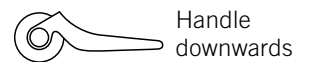
Aluminium natural colour
anodised



The FSB 1103 lever handle by Hans Hollein is shaped to the hand in classical FSB fashion. Hans Hollein incorporated two specific principles into this model: Firstly, he wanted to keep the user's hand well clear of the edge of the door. Hence the stagger between the point of pivot and the grip. Secondly, he wanted to offer a choice of either upward or downward lever position, thus lending the door a flexible identity.

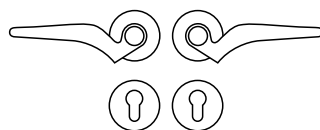


Handle upwards

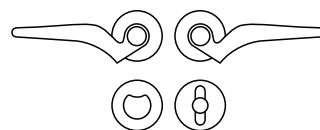


Handle downwards

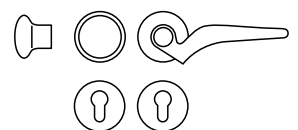
Order proposal:



Internal door furniture
Lever handle 1103
Rose 1707
Escutcheon 1708

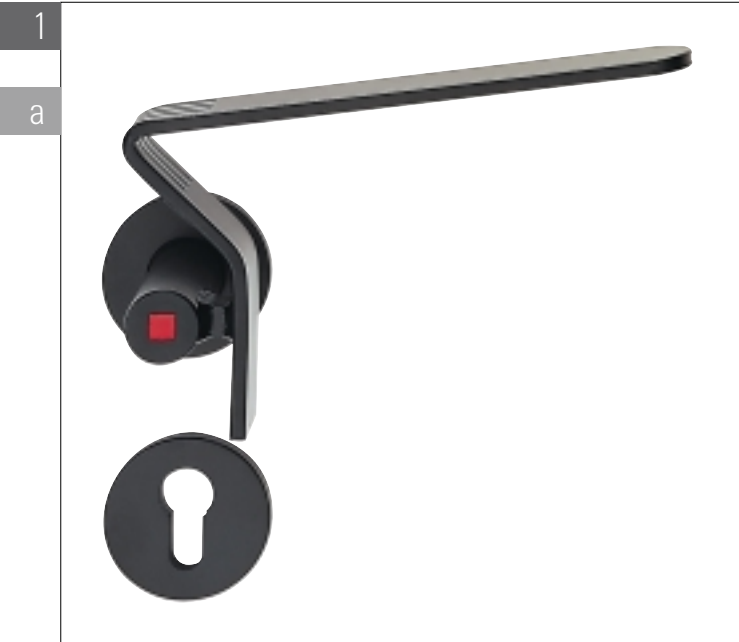


Bathroom furniture
Lever handle 1103
Rose 1707
Roses WC 1708 7554

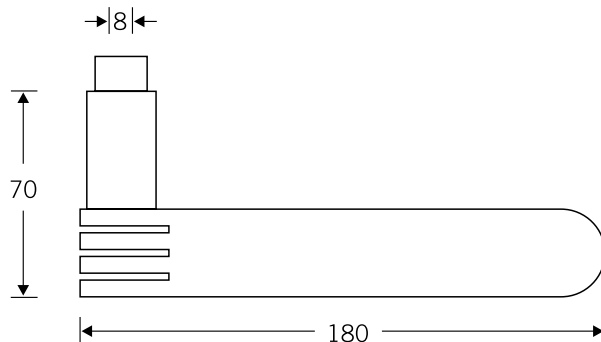


Entrance door furniture
Lever-female part 1103
Rose 1707
Escutcheon 1708
Door knob 2380 06

Lever handle

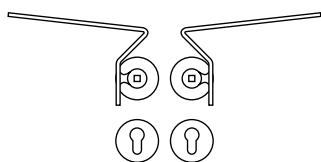


1104
Steel black coated



With FSB 1104, Mario Botta sought to highlight the fact that, to open a door, the human hand requires an implement. The planning of this model was guided by the realisation that opening a door brings together an organic component, viz. the human hand, and a mechanical component, viz. the door furniture. Mario Botta marked the heart of his 'Calvinist' offering with a small square. The material used is black-coated steel.

Order proposal:

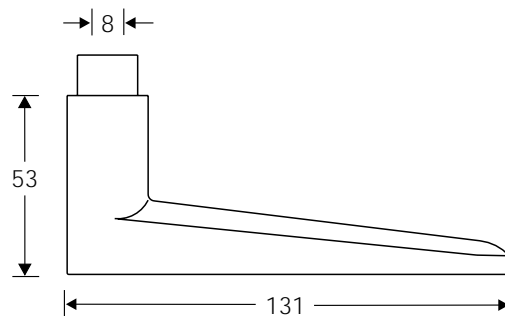


Internal door furniture	
Lever handle	1104
Rose	1731
Escutcheon	1735

Lever handle

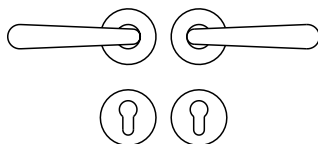


1105
Aluminium

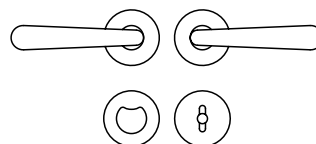


Once again, Hartmut Weise proves with the design of FSB 1105 that less is often more. His FSB featherweight lever handle series has been augmented by a further unfussy model for doors and windows. Its symmetrical form simply calls out to be gripped. These easy-to-grasp manual and visual qualities are echoed in a sensitively fashioned window fastener.

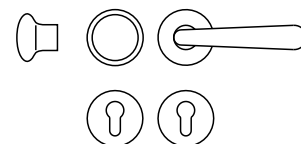
Order proposal:



Internal door furniture
Lever handle 1105
Rose 1707
Escutcheon 1708



Bathroom furniture
Lever handle 1105
Rose 1707
Roses WC 1708 7554



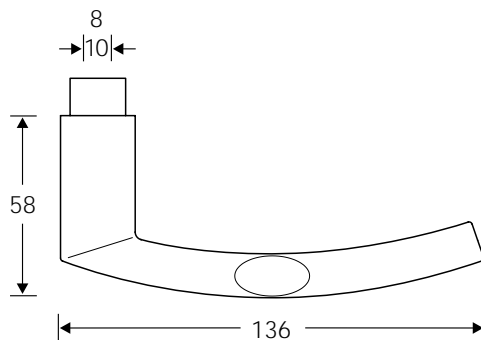
Entrance door furniture
Lever-female part 1105
Rose 1707
Escutcheon 1708
Door knob 2380 06

Lever handle



1107

Aluminium
Stainless steel



FSB 1107 has close affinities with FSB 1108. Hartmut Weise has imbued his 'Brakel light-weight' model with the verve of a door in motion.



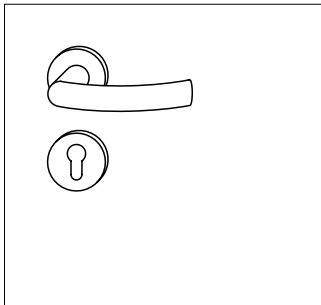
Window handle 3440	p. 135
Pull handles	p. 315ff.
Door stops	p. 177ff.
Lever handle for framed doors	p. 426ff.
Specification details	p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7240 63

Entrance door furniture
7240 62

Bathroom furniture
7240 65

Internal door furniture
7640 63

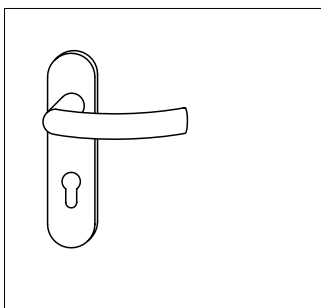
Entrance door furniture
7640 62

Inactive leaf furniture
7640 72
without escutcheon

Internal door furniture
1107 | 1707 | 1708

Entrance door furniture
1107 | 1707 | 1708 | 2380 06

Bathroom furniture
1107 | 1707 | 1708 7554



Internal door furniture
7240 04

Entrance door furniture
7240 05

Bathroom furniture
7240 06

Internal door furniture
7640 04

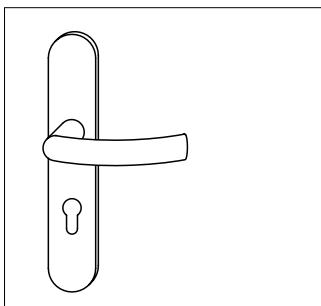
Entrance door furniture
7640 05

Inactive leaf furniture
7640 74
without keyhole

Internal door furniture
1107 | 1415

Entrance door furniture
1107 | 1415 | 1923

Bathroom furniture
1107 | 1415 0054



Internal door furniture
7240 39

Entrance door furniture
7240 40

Bathroom furniture
7240 41

Internal door furniture
7640 39

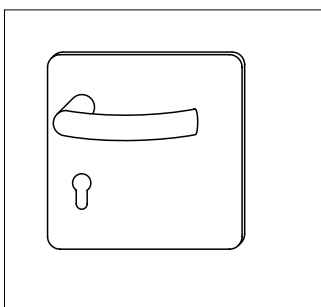
Entrance door furniture
7640 40

Inactive leaf furniture
7640 78
without keyhole

Internal door furniture
1107 | 1418

Entrance door furniture
1107 | 1418 | 1927

Bathroom furniture
1107 | 1418 0054



Internal door furniture
7240 16 r.h. | 7240 19 l.h.

Entrance door furniture
7240 27 r.h. | 7240 28 l.h.

Bathroom furniture
7240 18 r.h. | 7240 21 l.h.

Internal door furniture
7640 16 r.h. | 7640 19 l.h.

Entrance door furniture
7640 27 r.h. | 7640 28 l.h.

*acc. to German DIN 18 273

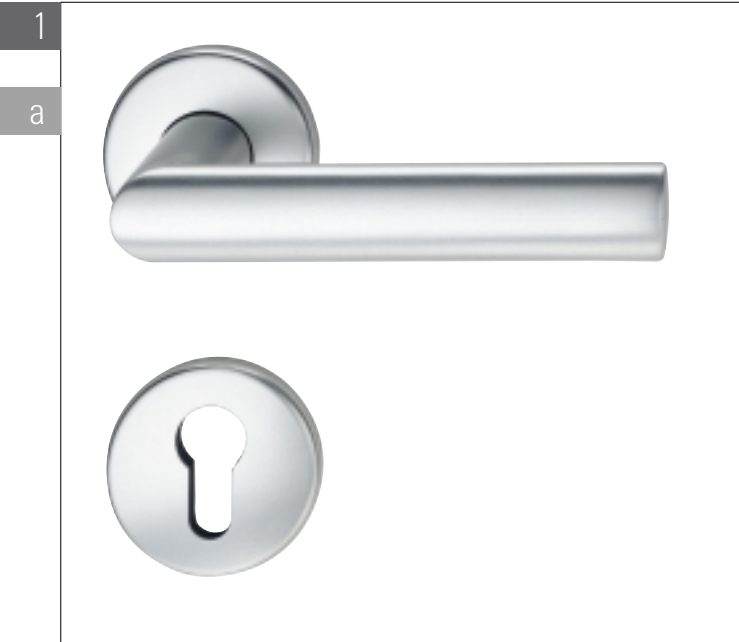
Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

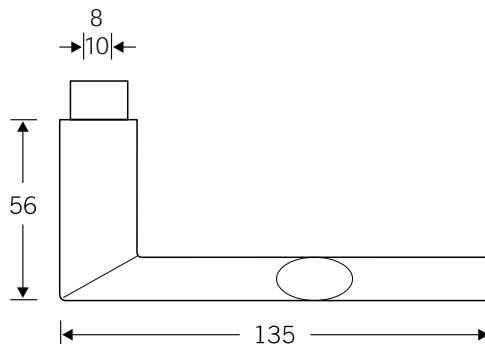
Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle



1108

Aluminium
Stainless steel



FSB designer Hartmut Weise has long been wondering where the secret of the two popular door handles 'Wittgenstein's Handle' and 'Frankfurt Model' can lie. Then one day he hit upon the term 'unpretentious presence' to sum up the outcome of his deliberations.

Spurred on by this analysis, Hartmut Weise resolved to place an even more chaste variant on the decision-making table:

Round tubing is mitred to an oval grip at right angles. The 'Frankfurt heavyweight' is instantly transformed into an elegant 'Brakel featherweight' without in any way having sacrificed the unpretentious presence of the former.



Window handle 3409 p. 135
Pull handles p. 315ff.
Door stops p. 177ff.

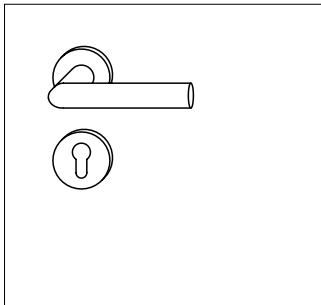
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7242 63

Entrance door furniture
7242 62

Bathroom furniture
7242 65

Internal door furniture
7642 63

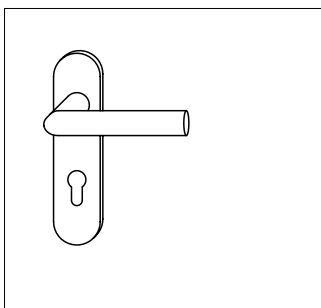
Entrance door furniture
7642 62

Inactive leaf furniture
7642 72
without escutcheon

Internal door furniture
1108 | 1707 | 1708

Entrance door furniture
1108 | 1707 | 1708 | 2380 06

Bathroom furniture
1108 | 1707 | 1708 7554



Internal door furniture
7242 04

Entrance door furniture
7242 05

Bathroom furniture
7242 06

Internal door furniture
7642 04

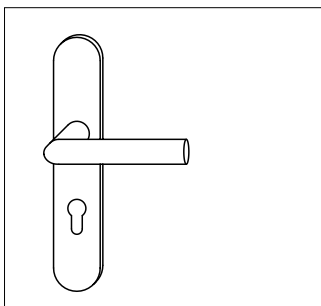
Entrance door furniture
7642 05

Inactive leaf furniture
7642 74
without keyhole

Internal door furniture
1108 | 1415

Entrance door furniture
1108 | 1415 | 1923

Bathroom furniture
1108 | 1415 0054



Internal door furniture
7242 39

Entrance door furniture
7242 40

Bathroom furniture
7242 41

Internal door furniture
7642 39

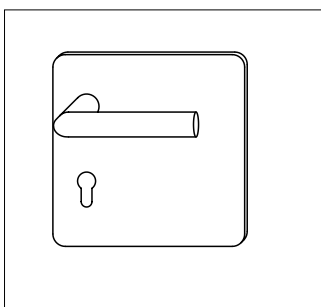
Entrance door furniture
7642 40

Inactive leaf furniture
7642 78
without keyhole

Internal door furniture
1108 | 1418

Entrance door furniture
1108 | 1418 | 1927

Bathroom furniture
1108 | 1418 0054



Internal door furniture
7242 16 r.h. | 7242 19 l.h.

Entrance door furniture
7242 27 r.h. | 7242 28 l.h.

Bathroom furniture
7242 18 r.h. | 7242 21 l.h.

Internal door furniture
7642 16 r.h. | 7642 19 l.h.

Entrance door furniture
7642 27 r.h. | 7642 28 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

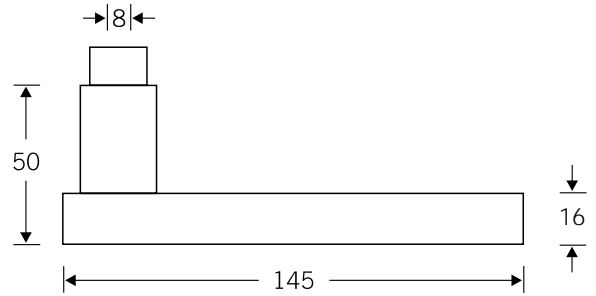
Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle



1114

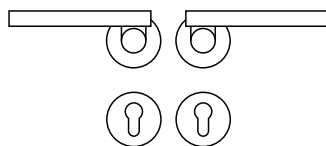
Stainless steel



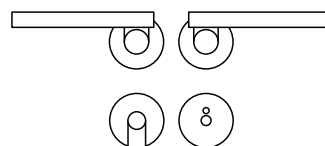
Richard Rogers commissioned his colleague Laurence Abbott and a team headed by Florian Fischötter to come up with a lever handle design with a difference. The brief foresaw an elegant stainless steel hardware collection whose individual constituents would be immediately discernible to the human eye. This far from easy task was achieved with aplomb with door handle model FSB 1114.

A stainless steel bar 16 mm in diameter floats airily above a pivot to which it is connected by means of a heavy-duty shackle. Sporting the looks of a mechanical lever, this is a no-nonsense tool for opening closed doors.

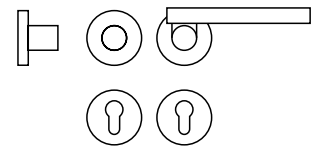
Order proposal:



Internal door furniture
 Lever handle 1114
 Rose 1731
 Escutcheon 1735

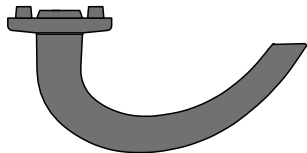
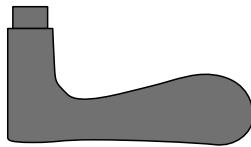
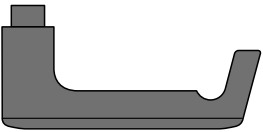
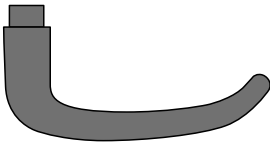
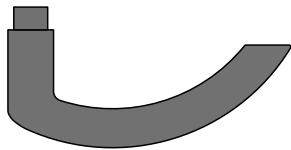


Bathroom furniture
 Lever handle 1114
 Rose 1731
 Roses WC 1735 6854



Entrance door furniture
 Lever-female part 1114
 Rose 1731
 Escutcheon 1735
 Door knob 2314 06

Selection of closed shapes



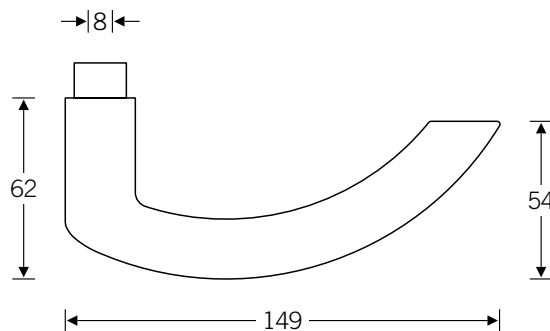
Lever handle

1
a



1119

Aluminium
Stainless steel



FSB 1119 is the heavy-duty member of the light series. It augments the design's graceful lightness with the ruggedness required for doors in constant use. Hands and elbows are dependably guided into the operating position. Its end curves gently back towards the leaf of the door. This handle was designed by Hartmut Weise.

Lever handle for framed doors p. 425ff.

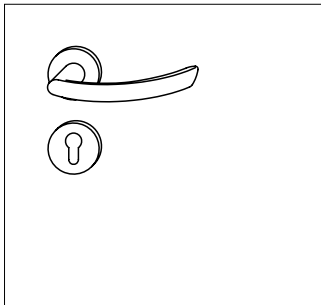
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7219 13

Entrance door furniture
7219 12

Bathroom furniture
7219 15

Internal door furniture
7619 13

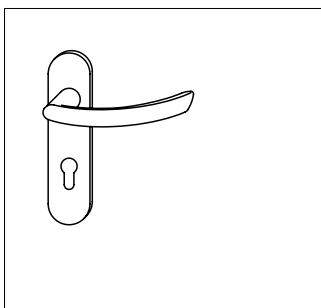
Entrance door furniture
7619 12

Inactive leaf furniture
7619 73
without escutcheon

Internal door furniture
1119 | 1731 | 1735

Entrance door furniture
1119 | 1731 | 1735 | 2302 06

Bathroom furniture
1119 | 1731 | 1735 54



Internal door furniture
7219 04

Entrance door furniture
7219 05

Bathroom furniture
7219 06

Internal door furniture
7619 04

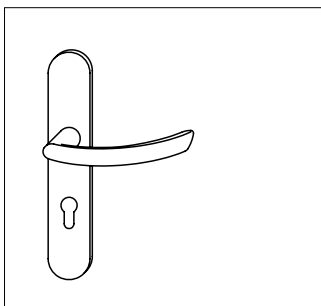
Entrance door furniture
7619 05

Inactive leaf furniture
7619 74
without keyhole

Internal door furniture
1119 | 1415

Entrance door furniture
1119 | 1415 | 1923

Bathroom furniture
1119 | 1415 0054



Internal door furniture
7219 39

Entrance door furniture
7219 40

Bathroom furniture
7219 41

Internal door furniture
7619 39

Entrance door furniture
7619 40

Inactive leaf furniture
7619 78
without keyhole

Internal door furniture
1119 | 1418

Entrance door furniture
1119 | 1418 | 1927

Bathroom furniture
1119 | 1418 0054

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



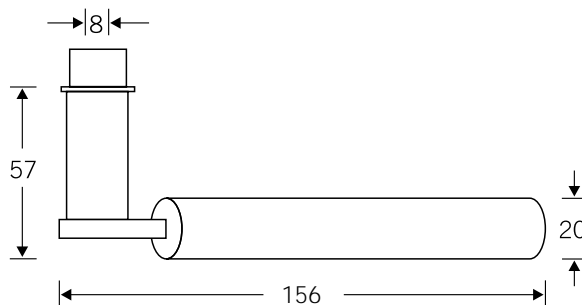
Project and fire door fittings feature roses or backplates with concealed fixing. Item numbers and dimensions of roses and plates can be ascertained using the table on page 91.

Standard fittings feature concealed fixing on roses and visible fixing on plates. Alternatives on pages 93-.

Lever handle

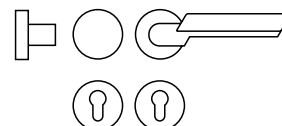
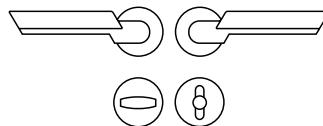
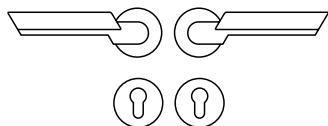


1125
Stainless steel



FSB 1125 is one of three models top Austrian architect Hans Hollein brought along to our Design Workshop in 1986. All three were included in the book 'Door Handles: Workshop in Brakel'. Since that publication, we have often been asked by readers why we only adopted Hollein's handle FSB 1103 and not his equally attractive stainless steel handle. We had made good that omission.

Order proposal:



Internal door furniture
Lever handle 1125
Rose 1731
Escutcheon 1735

Bathroom furniture
Lever handle 1125
Rose 1731
Roses WC 1735 0054

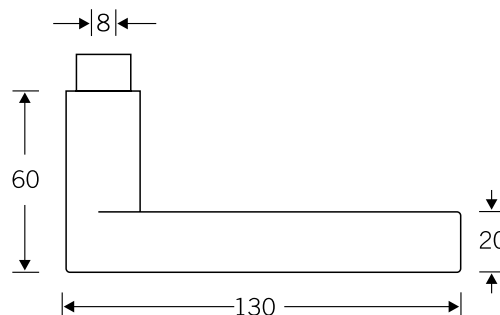
Entrance door furniture
Lever-female part 1125
Rose 1731
Escutcheon 1735
Door knob 2329 06

Lever handle



1126

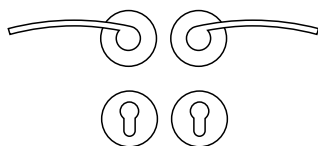
Stainless steel



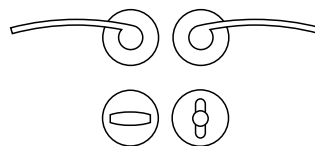
When the Spanish designer Miguel Milá suggested that we make a gently arching lever handle from a flat steel hoop, we first thought Milá was resurrecting a form familiar from the work of Wilhelm Wagenfeld and his followers.

But we were to discover that, by grace of its organic curvature, Miguel Milá's steel handle boasted hitherto unknown formal properties. His design is an inventive re-interpretation of an old motif, the fusing of a round shank and a flat steel band into a single entity.

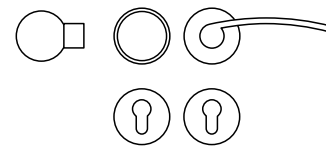
Order proposal:



Internal door furniture
 Lever handle 1126
 Rose 1731
 Escutcheon 1735



Bathroom furniture
 Lever handle 1126
 Rose 1731
 Roses WC 1735 0054

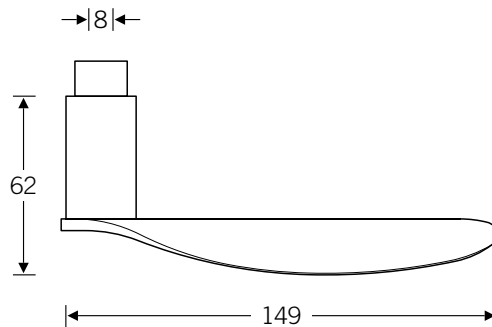


Entrance door furniture
 Lever-female part 1126
 Rose 1731
 Escutcheon 1735
 Door knob 2302 06

Lever handle



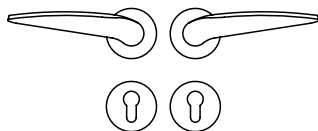
1127
Stainless steel



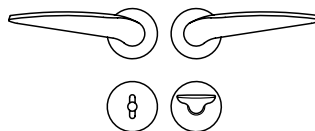
The shape of door handle model FSB 1127 evokes the wing-beat of a gull. The slender contours of the folded stainless steel sheeting give the hand plenty to grip on, and quite as if by chance the thumb also slips nicely into place. This is an unpretentious design offering its services as a hand tool for the opening and closing of doors. That's design Erik Magnussen all over.

Lever handle design FSB 1127, shown here with round roses, can also be combined with the long narrow backplate FSB 1432.

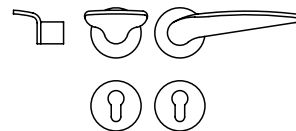
Order proposal:



Internal door furniture	
Lever handle	1127
Rose	1707
Escutcheon	1708



Bathroom furniture	
Lever handle	1127
Rose	1707
Roses WC	1708 7054

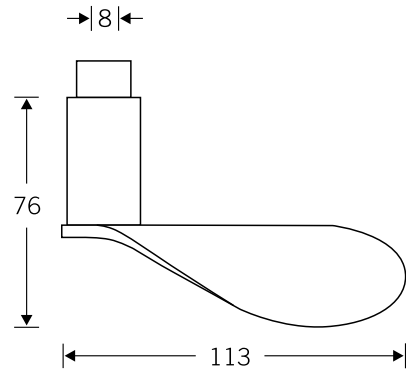


Entrance door furniture	
Lever-female part	1127
Rose	1707
Escutcheon	1708
Door knob	2357 06

Lever handle

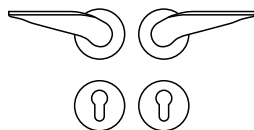


1128
Stainless steel

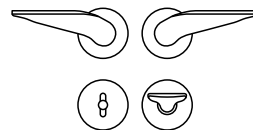


To the 'large wing-beat' of his first door handle Mr. Magnussen has added a smaller version, FSB 1128. His wife Jonna, when asked what she thought of the original design, argued that a more petite model was also needed. The grip is shorter and fuller, though the term 'grip' scarcely does it justice; this is truly a tactile delight the hand will not want to let go.

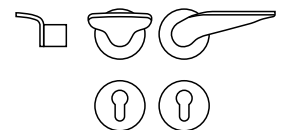
Order proposal:



Internal door furniture	
Lever handle	1128
Rose	1707
Escutcheon	1708



Bathroom furniture	
Lever handle	1128
Rose	1707
Roses WC	1708 7054



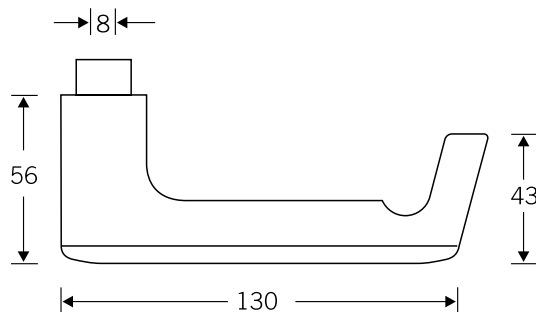
Entrance door furniture	
Lever-female part	1128
Rose	1707
Escutcheon	1708
Door knob	2357 06

Lever handle



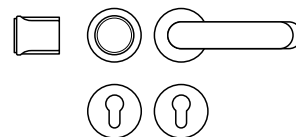
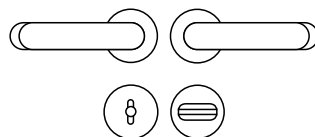
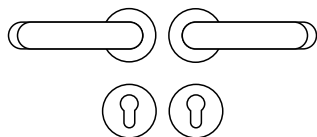
1137

Aluminium grey
Thermoplastics black



In FSB 1137, the working parts and the front section are in grey aluminium whereas the grip is in black thermoplastics. What really sets this unpretentious safety handle apart (a handle that won't slip up your sleeve!) is its 'little finger recess', which provides the hand with sufficient purchase despite extreme economies of space. Less tends to be more as designer Dieter Rams sees it.

Order proposal:



Standard fittings
Fire door fittings*

* acc. to German DIN Standard

Internal door furniture
1137 | 1740 | 1741
7637 13

Bathroom furniture
1137 | 1740 | 1741 0054

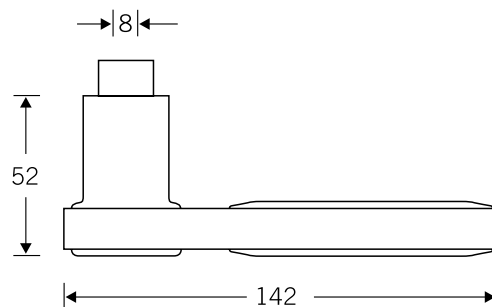
Entrance door furniture
1137 | 1740 | 1741 | 2376 06
7637 14

Lever handle



1138

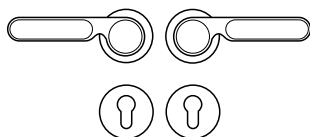
Aluminium grey
Thermoplastics black



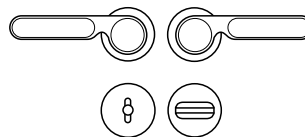
The qualities Dieter Rams demands of design are simplicity, lightness, and the incorporation of what readily springs to mind. His own work faithfully puts these demands to effect, as is graphically demonstrated by FSB 1138.

FSB 1138 is endowed with a sturdy round aluminium neck that is effectively the lynchpin of the piece. The black grip section in thermoplastics features a clearly discernible index finger recess.

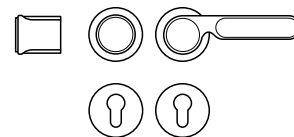
Order proposal:



Internal door furniture
1138 | 1740 | 1741
7638 13



Bathroom furniture
1138 | 1740 | 1741 0054



Entrance door furniture
1138 | 1740 | 1741 | 2376 06
7638 44 r.h.
7638 54 l.h.

Standard fittings
Fire door fittings*
* acc. to German DIN Standard

Lever handle

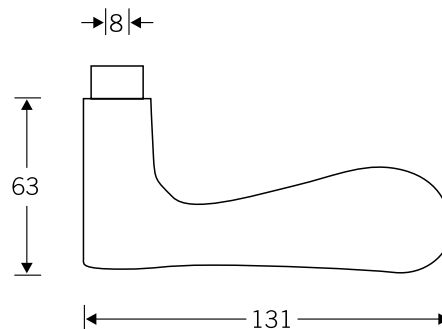
1

a



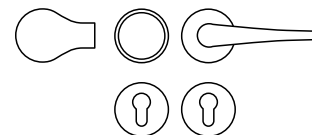
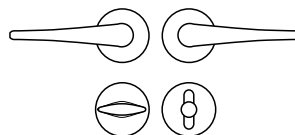
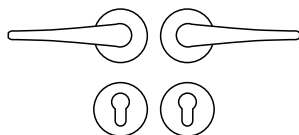
1144

Aluminium natural colour
anodised



FSB 1144 is a lever handle styled to appeal to eye and hand in equal measure. The message the eye receives from Jasper Morrison's design is that this handle is a hand-operated device for opening doors. Reassured, the hand reaches out. The thumb comes to rest; the index settles in its recess; the hand clenches to give a firm grip. All the good-grip criteria identified by Otl Aicher and ourselves have been met.

Order proposal:



Standard fittings
Fire door fittings*

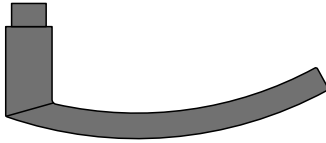
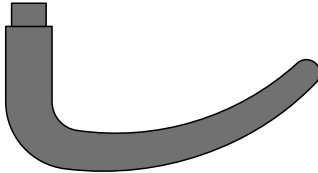
* acc. to German DIN Standard

Internal door furniture
1144 | 1731 | 1735
7644 13

Bathroom furniture
1144 | 1731 | 1735 6054

Entrance door furniture
1144 | 1731 | 1735 | 2374 06
7644 14

Selection XXL >150 mm

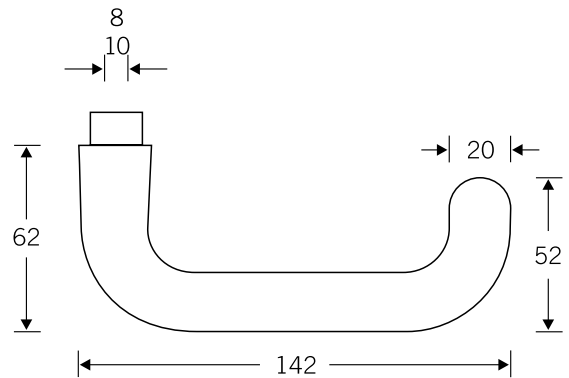


Lever handle



1146

Aluminium
Stainless steel



Much has been written about who actually invented the tubular design. Most probably it was some master craftsman in the mists of time hammering steel tubing into a rudimentary handle on his anvil. He had very likely been commissioned to produce a handle that would prevent animals' harnesses snagging on doors. The disparaging phrase 'stable door handle' has long been common parlance. Having served the animal world well, the handle came back in an array of material and colours a century later to adorn doors for human use the world over.

That's the general background to this classic design. But FSB felt the time had come to take tubular design a stage further. The shank was made to taper, the arching free end given a spherical tip. Only two very simple features have lent the FSB 1146 model greater individuality with this reworking. Isn't it strange? FSB 1146 gets copied more and more.



Window handle 3446 p. 137
Pull handles p. 315ff.
Door stops p. 177ff.

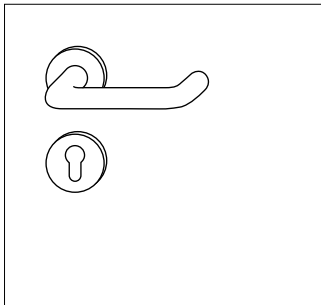
Specification details p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7246 13

Entrance door furniture
7246 12

Bathroom furniture
7246 15

Internal door furniture
7646 13

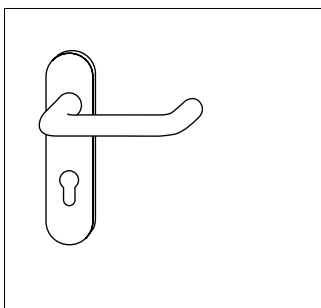
Entrance door furniture
7646 12

Inactive leaf furniture
7646 73
without escutcheon

Internal door furniture
1146 | 1731 | 1735

Entrance door furniture
1146 | 1731 | 1735 | 2302 06

Bathroom furniture
1146 | 1731 | 1735 0054



Internal door furniture
7246 04

Entrance door furniture
7246 05

Bathroom furniture
7246 06

Internal door furniture
7646 04

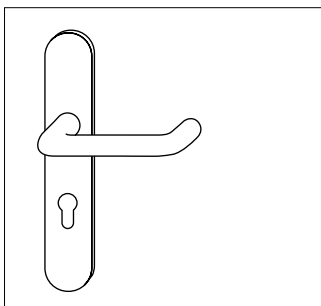
Entrance door furniture
7646 05

Inactive leaf furniture
7646 74
without keyhole

Internal door furniture
1146 | 1415

Entrance door furniture
1146 | 1415 | 1923

Bathroom furniture
1146 | 1415 0054



Internal door furniture
7246 39

Entrance door furniture
7246 40

Bathroom furniture
7246 41

Internal door furniture
7646 39

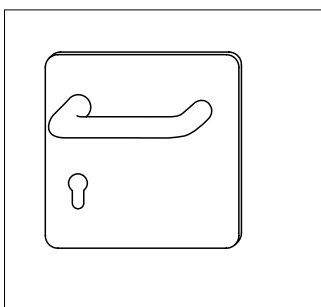
Entrance door furniture
7646 40

Inactive leaf furniture
7646 78
without keyhole

Internal door furniture
1146 | 1418

Entrance door furniture
1146 | 1418 | 1927

Bathroom furniture
1146 | 1418 0054



Internal door furniture
7246 16 r.h. | 7246 19 l.h.

Entrance door furniture
7246 27 r.h. | 7246 28 l.h.

Bathroom furniture
7246 18 r.h. | 7246 21 l.h.

Internal door furniture
7646 16 r.h. | 7646 19 l.h.

Entrance door furniture
7646 27 r.h. | 7646 28 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

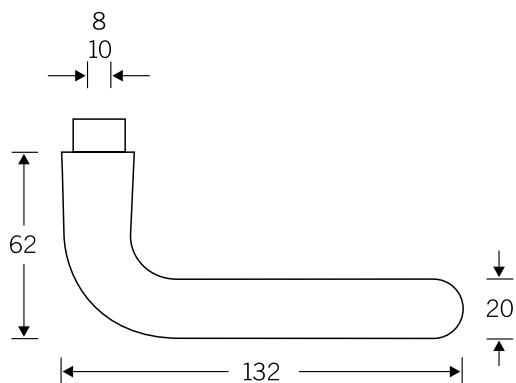
Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle



1147

Aluminium
Stainless steel



The company motif draws on a door handle designed in mid-Twenties' Vienna by the Austrian philosopher Ludwig Wittgenstein that has served as a model for several designs since, including the reworked FSB 1147 handle in this catalogue. It should replace the standard 1075 model.

Its tapered neck and rounded end set it apart from both our own company motif and the many other variants of this handle on the market.



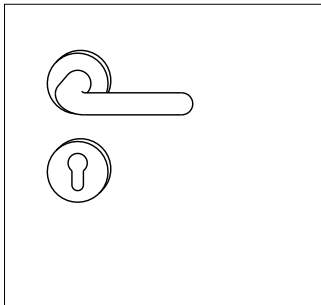
Window handle 3447	p. 138
Pull handles	p. 315ff.
Door stops	p. 177ff.
Lever handle for framed doors	p. 428ff.
Specification details	p. 9

Project fittings

Fire door fittings*



Standard fittings



Internal door furniture
7247 13

Entrance door furniture
7247 12

Bathroom furniture
7247 15

Internal door furniture
7647 13

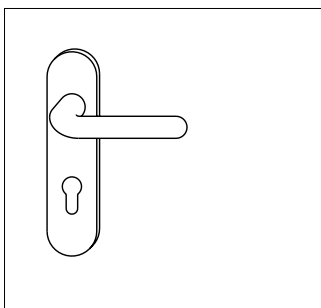
Entrance door furniture
7647 12

Inactive leaf furniture
7647 73
without escutcheon

Internal door furniture
1147 | 1731 | 1735

Entrance door furniture
1147 | 1731 | 1735 | 2302 06

Bathroom furniture
1147 | 1731 | 1735 0054



Internal door furniture
7247 04

Entrance door furniture
7247 05

Bathroom furniture
7247 06

Internal door furniture
7647 04

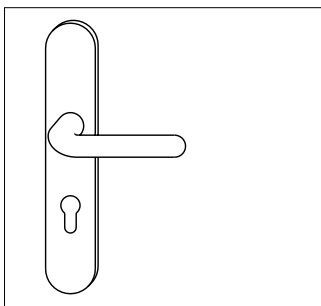
Entrance door furniture
7647 05

Inactive leaf furniture
7647 74
without keyhole

Internal door furniture
1147 | 1415

Entrance door furniture
1147 | 1415 | 1923

Bathroom furniture
1147 | 1415 0054



Internal door furniture
7247 39

Entrance door furniture
7247 40

Bathroom furniture
7247 41

Internal door furniture
7647 39

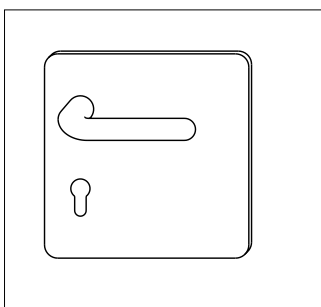
Entrance door furniture
7647 40

Inactive leaf furniture
7647 78
without keyhole

Internal door furniture
1147 | 1418

Entrance door furniture
1147 | 1418 | 1927

Bathroom furniture
1147 | 1418 0054



Internal door furniture
7247 16 r.h. | 7247 19 l.h.

Entrance door furniture
7247 27 r.h. | 7247 28 l.h.

Bathroom furniture
7247 18 r.h. | 7247 21 l.h.

Internal door furniture
7647 16 r.h. | 7647 19 l.h.

Entrance door furniture
7647 27 r.h. | 7647 28 l.h.

*acc. to German DIN 18 273

Entrance door furniture
with fixed knob:



Project and fire door fittings
feature roses or backplates
with concealed fixing. Item
numbers and dimensions of
roses and plates can be
ascertained using the table
on page 91.

Standard fittings feature con-
cealed fixing on roses and
visible fixing on plates.
Alternatives on pages 93-.

Lever handle

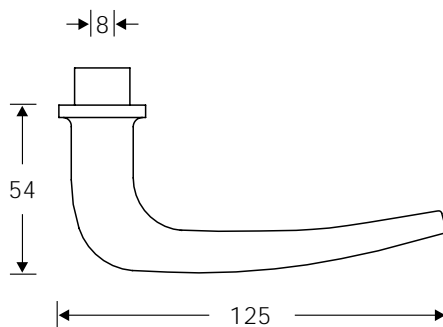
1

a



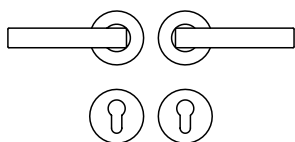
1163

Aluminium natural colour
anodised
Stainless steel

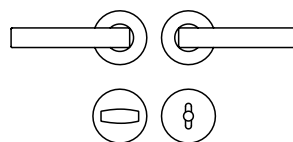


The Berlin-based architect Hans Kollhoff devised a handle design for his building projects that consciously incorporates elements of 30s' styles. His chaste door handles and window handles and fasteners have been accepted by the market as authentic interpretations.

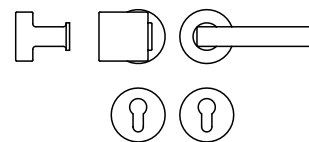
Order proposal:



Internal door furniture
1163 | 1731 | 1735
7663 13



Bathroom furniture
1163 | 1731 | 1735 0054



Entrance door furniture
1163 | 1731 | 1735 | 2333 06
7663 14

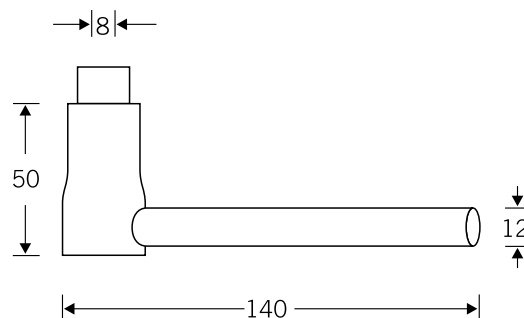
Standard fittings
Fire door fittings*

* acc. to German DIN Standard

Lever handle



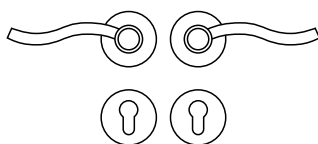
1166
Stainless steel



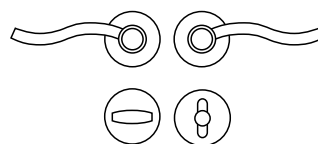
In 1988 we got to know the young English designer Jasper Morrison, explained the Four Rules of the grip to him and invited him to turn this formula into a lightweight stainless steel handle. He accepted the challenge and turned up a few months later with the FSB 1166 model. We were impressed.

Handles with thin grips had been produced before but had tended to be geometrically prosaic.

Order proposal:



Internal door furniture
Lever handle 1166
Rose 1731
Escutcheon 1735



Bathroom furniture
Lever handle 1166
Rose 1731
Escutcheon 1735 0054



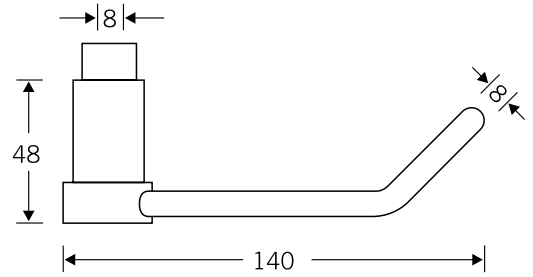
Window handle 3466
p. 146

Lever handle



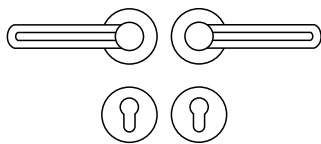
1167

Stainless steel

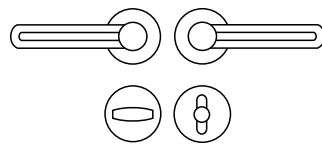


FSB featured a window handle in its 1986 catalogue that was nicknamed the 'string model' because its handle consisted of a double length of fine steel wire. Before very long, we were being asked whether we couldn't produce a lever handle in the same style. We could.

Order proposal:



Internal door furniture
Lever handle 1167
Rose 1731
Escutcheon 1735



Bathroom furniture
Lever handle 1167
Rose 1731
Roses WC 1735 0054

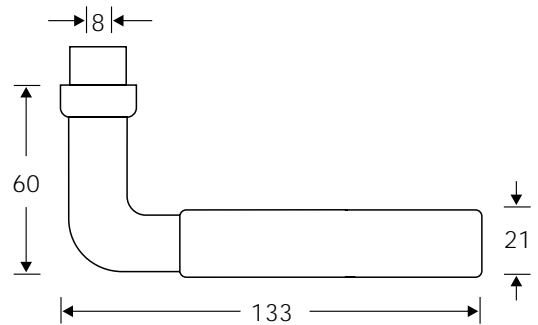


Window handle 3467
p. 147

Lever handle



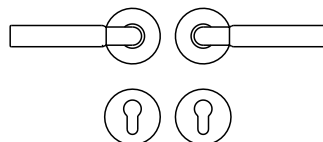
1171
Aluminium
Stainless steel



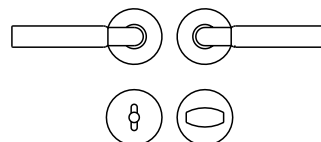
FSB's lever handle model 1171 owes its existence to a 'crazy notion' hatched in FSB's tool-making shop. It's a notion with a history. In the inter-war and post-war periods FSB produced a lever handle that entered design history as the nickel horn handle. It combined a bent silver-plated shank with a black plastic grip.

It was in 1992 that FSB's tool-makers set about recreating this design classic in tubular stainless steel using modern expansion technology. Law and behold - it worked.

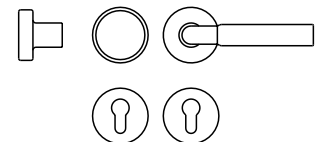
Order proposal:



Internal door furniture
1171 | 1731 | 1735
7271 13
7671 13



Bathroom furniture
1171 | 1731 | 1735 0054
7271 15



Entrance door furniture
1171 | 1731 | 1735 2329 06
7271 14
7671 14

Standard fittings
Project fittings
Fire door fittings*

* acc. to German DIN Standard

1
a

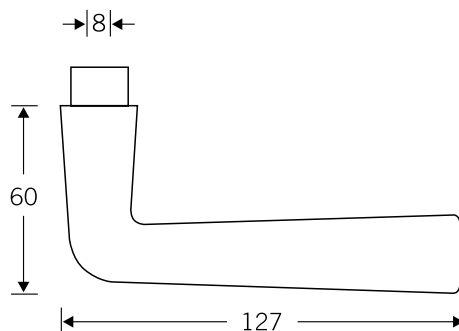
Lever handle

1
a



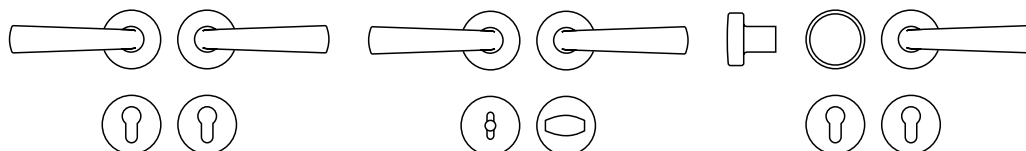
1173

Aluminium
Stainless steel



FSB 1173 model sports a trumpet-shaped design very much reminiscent of a model that emerged in the late Twenties in the Frankfurt area and has also long been part of the FSB repertoire. In earlier catalogues it was listed as FSB 7411. The chaste styling of this redesign in aluminium and stainless steel represents a compelling alternative to the famous door handle model FSB 1147, based on a design by the philosopher Ludwig Wittgenstein.

Order proposal:



	Internal door furniture
Standard fittings	1173 1731 1735
Project fittings	7273 13
Fire door fittings*	7673 13

Bathroom furniture
1173 1731 1735 0054
7273 15

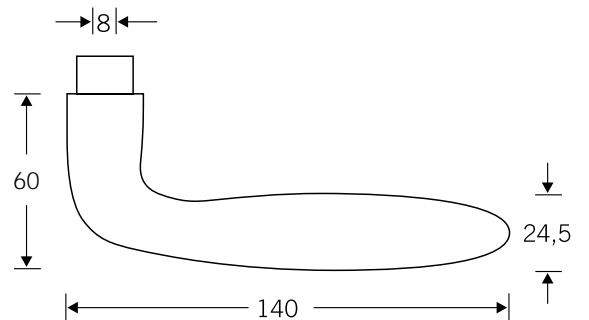
Entrance door furniture
1173 1731 1735 2329 06
7273 14
7673 14

* acc. to German DIN Standard

Lever handle



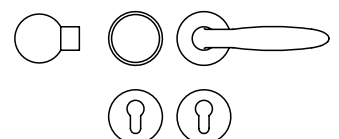
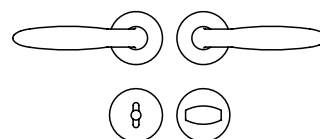
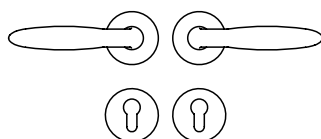
1176
Aluminium
Stainless steel



The design of FSB 1176 is likewise based on an older FSB model. The shank and tip of the handle were originally made of rolled steel, this later giving way to cast aluminum, whilst the grip itself was finished in chunky black plastic.

The tool makers and R & D people at FSB joined forces to fashion this familiar form out of steel tubing, which then simply had to be rolled to a point at one end. To produce the moulds for the aluminium version was much easier.

Order proposal:



Standard fittings
Project fittings
Fire door fittings*

* acc. to German DIN Standard

Internal door furniture
1176 | 1731 | 1735
7286 13
7686 13

Bathroom furniture
1176 | 1731 | 1735 0054
7286 15

Entrance door furniture
1176 | 1731 | 1735 | 2302 06
7286 12
7686 12

Lever handle

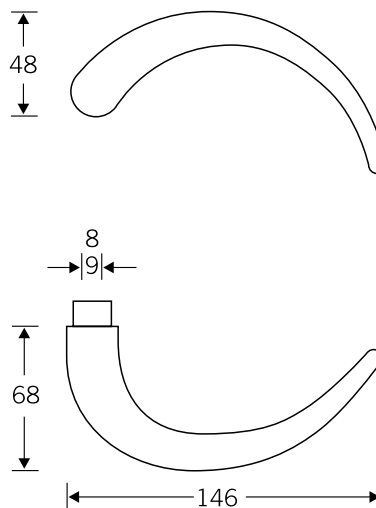
1

a



1191

Aluminium natural colour
anodised

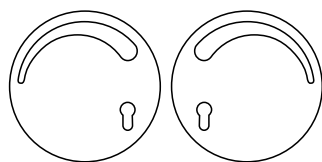


Looking at this lever design divorced from its backplate, it might be suggested that Philippe Starck was out to endow us with horns. Strangely enough, though, when these horns are fastened to the backplate they turn into door handles as functional as any you could wish for:

The lever can be grasped at varying heights. Thumb, forefinger and palm nestle securely. The handle fills the hand when gripped; there is sufficient volume available.

With this door furniture, FSB offers an alternative to the symmetrical design philosophy based on circles, triangles and rectangles. And the set as a whole provides a visual contrast to the rectangular door without seeking to rise above its station. Matt silver backplate, polished lever. Both in high-quality aluminium.

Order proposal:



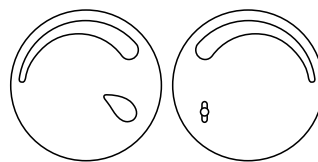
Internal door furniture
1191 | 1491

Standard fittings

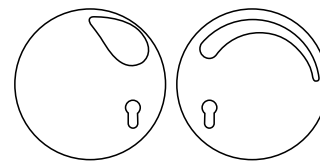
Fire door fittings*

* acc. to German DIN Standard

7691 16 r.h.
19 l.h.



Bathroom furniture
1191 | 1491 4354 r.h.
1191 | 1491 5354 l.h.



Entrance door furniture
1191 | 1491 | 1991 43 r.h.
1191 | 1491 | 1991 53 l.h.
7691 17 r.h.
7691 20 l.h.

Lever handle

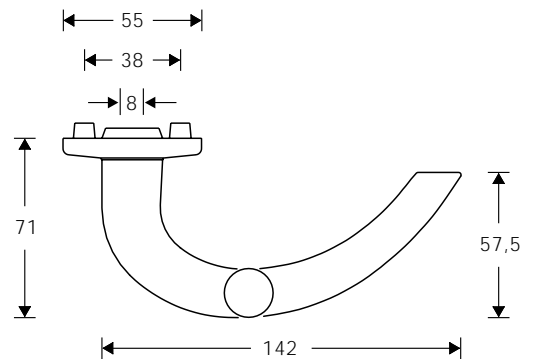


7010

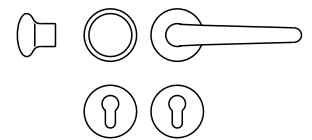
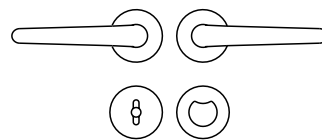
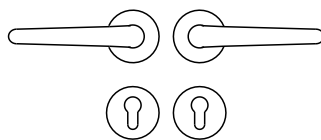
Aluminium natural colour
anodised
Stainless steel

1
a

In works design FSB 7010, the 'dynamic golden growth spiral' was recreated with a round cross-section, the lever tapering progressively towards the tip. This effect enhances the momentum of the natural curvature. With its restrained looks and direction-of-motion styling, FSB 7010 is a joy to hold and use.



Order proposal:



Standard fittings
Project fittings
Fire door fittings*

* acc. to German DIN Standard

Internal door furniture
7010 63
7210 63
7610 63

Bathroom furniture
7010 65
7210 65

Entrance door furniture
7010 66
7210 66
7610 66

Lever handle

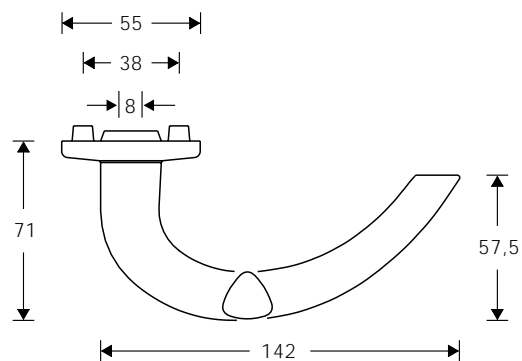
1
a



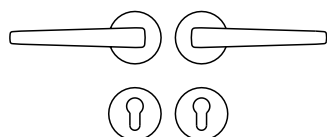
7011

Aluminium natural colour
anodised
Stainless steel

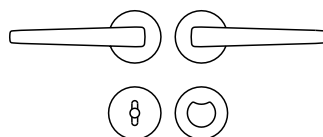
In the case of works design FSB 7011, the round cross-section of the FSB 7010 model makes way for an ergonomic triangular form. Very striking here is the organic ease with which the shank of the handle initiates the 'dynamic golden growth spiral' and oversees a tapering of the grip's cross-section from 24 mm to 18 mm at the tip. This is an unobtrusive, non-slip design that reflects the direction of motion.



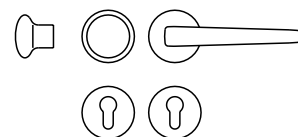
Order proposal:



Internal door furniture
7011 63
7211 63
7611 63 only Stainless steel



Bathroom furniture
7011 65
7211 65



Entrance door furniture
7011 66 r.h. | 7011 76 l.h.
7211 66 r.h. | 7211 76 l.h.
7611 66 r.h. only Stainless steel
7611 76 l.h. only Stainless steel

Standard fittings
Project fittings
Fire door fittings*

* acc. to German DIN Standard

Lever handle

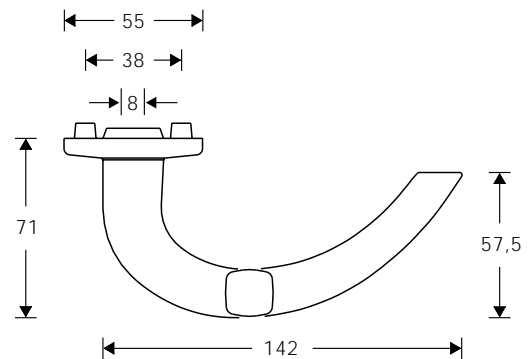


7012

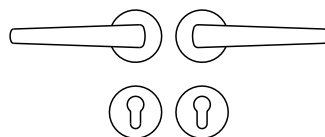
Aluminium natural colour
anodised
Stainless steel

1
a

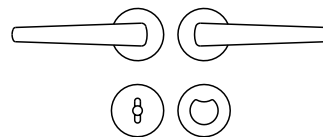
Works design FSB 7012 yokes the 'dynamic golden growth spiral' to an elegant square cross-section. In this series, we quite deliberately adopted three classical Euclidean forms - circle, triangle and square. We wanted to demonstrate that the 'dynamic golden growth spiral' applies for all forms. In this model, too, the grip tapers as the spiral expands. This tough handle is conducive to gripping and features direction-of-motion styling.



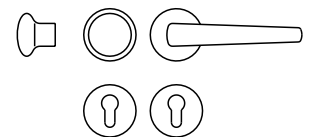
Order proposal:



Internal door furniture
7012 63
7212 63
7612 63 only Stainless steel



Bathroom furniture
7012 65
7212 65



Entrance door furniture
7012 66
7212 66
7612 66 only Stainless steel

Standard fittings
Project fittings
Fire door fittings*
* acc. to German DIN Standard

Lever handleset Ergo

1
a



7655
Aluminium
Stainless steel

This design is the splendid result of a time taking research and solves virtually every ergonomic problem associated with heavily-used doors. Why we've called it the 'Ergo handle' is thus plain to see.

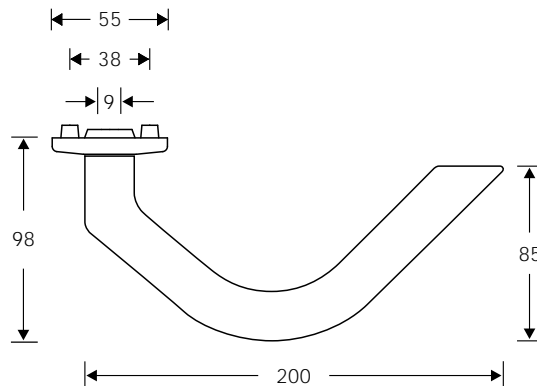
The main benefits of the Ergo handle FSB 7655 are:

- The triangular styling corresponds to the direction of motion of the user.
- This angular shape absorbs the effort of operating the door.

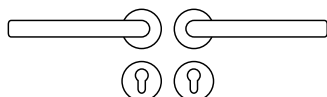
-The fullness and triangular cross-section of the design complement the shape of the hand as it closes to grip.

Where an elbow is applied, the left-right offers ample support.

The FSB Ergo lever furniture set 7655 is turnably fixed backplate and is suitable for fire doors (acc. to German DIN 18 273). Because of the width of FSB 7655 we recommend to use locks with follower 9 mm only. That's why the spindle is only available in 9 mm.



Order proposal:



7655 13

Project fittings

Fire door fittings*



Standard fittings

Clarification

To simplify specification and ordering procedures, heavy-duty and fire-door furniture has been accorded a six-figure code number covering both lever handles and accessories. And there are other potential accessory options.

In case this might sound confusing, here's an explanation of the final two digits with the diagrams of the item being concerned.

.... 12 to 15
Roses

.... 01 to 03
Backplate 1450 03

.... 09 to 11
Backplate 1410 03

.... 04 to 06
Backplate 1451 03

.... 39 to 41
Backplate 1418 03

.... 16 to 28
Square Backplate

.... 12 to 14
Roses

.... 01 to 02
Backplate 1450 03

.... 09 to 10
Backplate 1410 03

.... 04 to 05
Backplate 1451 03

.... 39 to 40
Backplate 1418 03

.... 16 to 28
Square Backplate

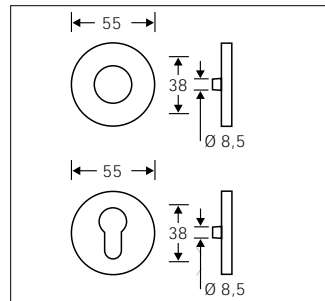
Our standard lever handles are designed for use either with roses for concealed fixing or backplates for visible fixing.

But standard furniture can just as conceivably feature roses for visible fixing or backplates for concealed fixing.

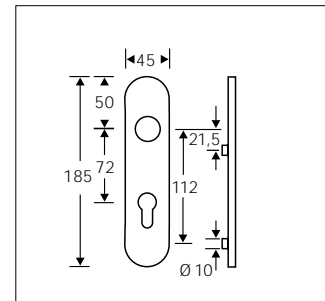
You can also choose between square or round-edged backplates.

All the various plate and rose styles available are illustrated on page 93-.

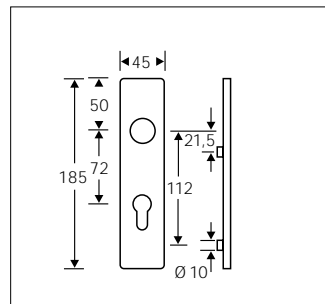
*acc. to German DIN 18 273



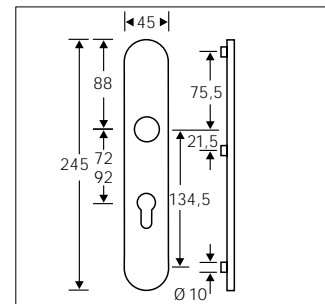
1731 | 1735 1707 | 1708



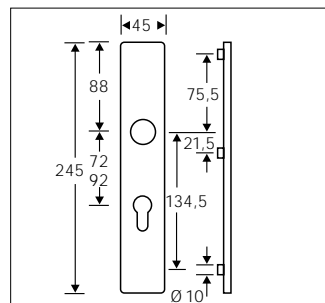
1451 03



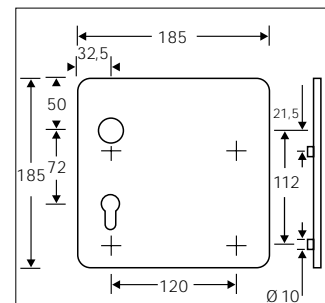
1450 03



1418 03



1410 03



1483 03

1488 03