Brass 2

Brass

FSB 4205
Brass polished lacquered

FSB 4305
Brass polished waxed

FSB and brass

FSB has been supplying select door and window furniture in brass, together with accessories, for forty years. From the very beginning we strove for originality, spurning hackneyed forms such as post horns or duck bills.

DIN 17660

Brass furniture is available in a wide range of alloys and at widely differing prices. But not all that glitters is pure brass. It is in our case though. We make exclusive use of the CuZn37 copper-zinc alloy specified under DIN 17660 as material no. 2.0321 and 2.0335.

Corrosion protection

Brass is prone to corrosion in everyday use - a fact that is sometimes glossed over.

Polishing is the only way round this. Anyone acquainted with more northerly countries will have observed the weekly buffing given to brass furniture on front doors there.

This chore becomes redundant if the surface is either lacquered or waxed.

Waxed brass components are self-polishing through use. Areas that are not handled will rapidly develop a brown or grey-green patina. Many buyers deem this surface discolouration positively alluring. Lacquered brass furniture loses its gloss once the lacquer is damaged. Intercrystalline corrosion then quickly sets in. Corroded handles can be reconditioned, however - for a charge covering costs.

Recommendation

For anyone interested in a lasting golden 'sheen', FSB recommends zirkon-coated stainless steel fittings in a golden brass finish. The hardness of the base material ensures that the brass stained zircon coating will withstand the ravages of the environment in normal use.

For those who prefer to stick with brass despite what we have said on the previous page, FSB has the following recommendations to make:

Only use waxed brass finishes. Waxed brass polished finish can be looked after using proprietary cleansers.

Do not use lacquered brass finishes in outdoor applications where the sun and the environment will hasten the onset of corrosion.

Brass furniture should not be considered for heavy duty applications in public buildings, since there is too much cleaning involved.

Surface hygiene

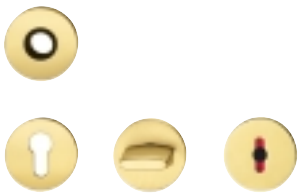
A brief word of clarification concerning the hygienic properties of door handles:

There are those amongst our competitors who, citing the findings of research institutes, make much in their brochures of the enhanced sterilizing properties of certain finishes. FSB likewise has access to reports proving that, for instance, cupriferous metals kill germs more effectively than, in particular, synthetic materials.

But FSB sets no great store by such findings. Whether a given finish destroys bacteria in 24 hours or in 72 is academic really, since in practice, doors tend to be in fairly regular use anyway. You'd have to take remedial action every time a door was opened or closed if you wished to eliminate germs altogether.

Overview

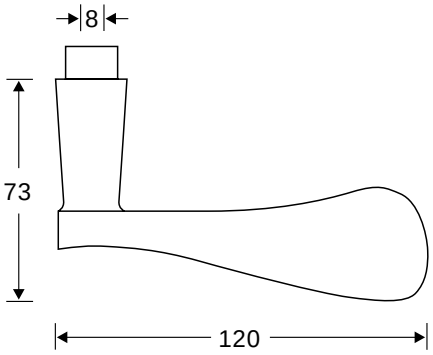
Brass



Lever handle

1020

Brass



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 assymmetry that gives the illusion of symmetry.

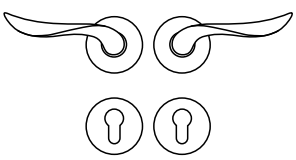
When Johannes Potente designed his 1020 model, it was his intention to provide visual relief from the strict lines of the door, 'inviting' the observer to take hold of the handle.

Johannes Potente always intended that this model should be produced in aluminium and brass.

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.

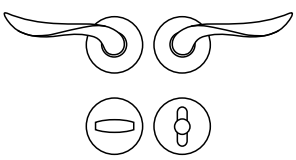
2

Order proposal:



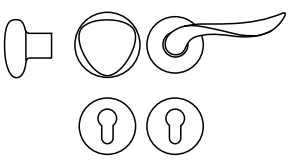
Internal door furniture

Lever handle	1020
Rose	1731
Escutcheon	1735



Bathroom furniture

Lever handle	1020
Rose	1731
Roses WC	1735 0054



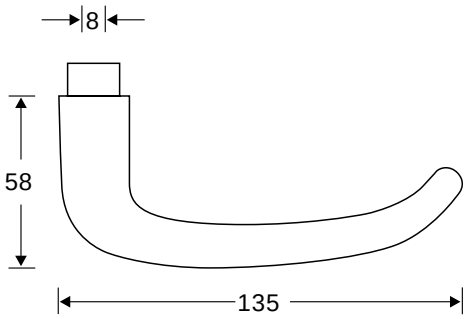
Entrance door furniture

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

Lever handle

1023

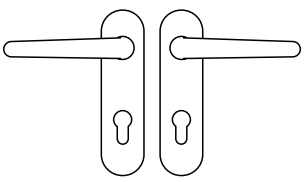
Brass



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'.

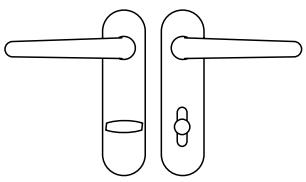
Johannes Potente took this as the starting point for the FSB 1023 model, still a compelling alternative to anonymous tubular designs.

Order proposal:



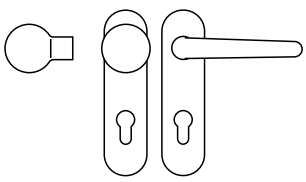
Internal door furniture

Lever handle	1023
Backplate	1451 03



Bathroom furniture

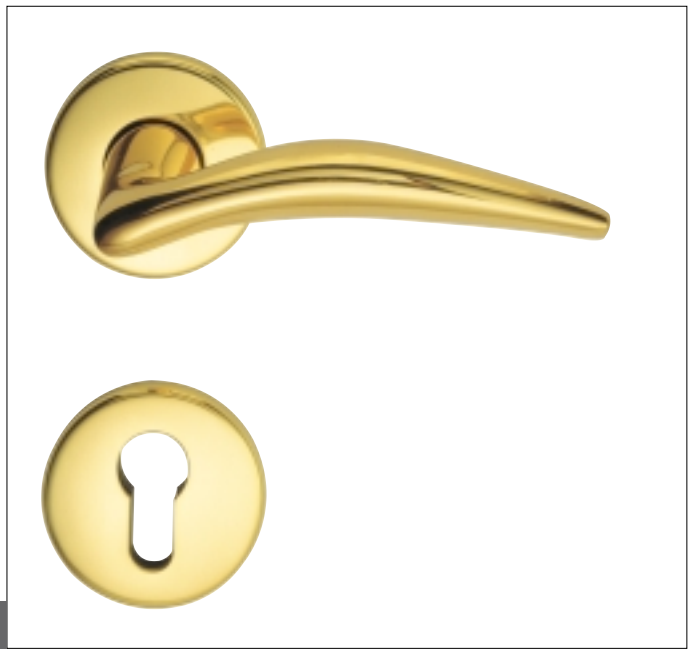
Lever handle	1023
WC Set	1451 0354



Entrance door furniture

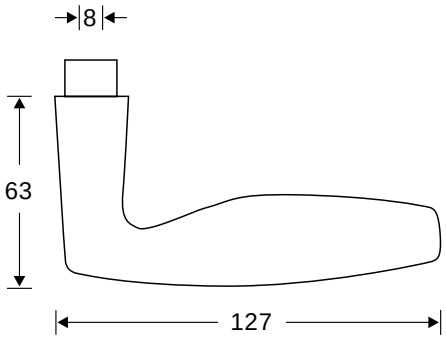
Lever-female part	1023
Backplates	1451 03
Knob backplate	1964 03

Lever handle



1057

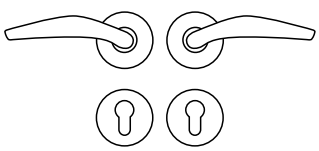
Brass



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 version in brass too?

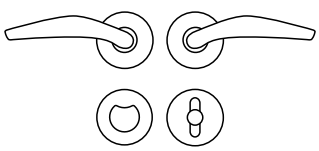
The Jan Roth-designed FSB 1057 model nestles snugly in the hand, and women, especially, often fall for it on the spot.

Order proposal:



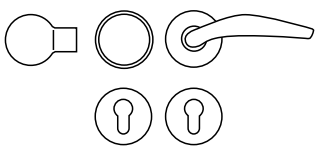
Internal door furniture

Lever handle	1057
Rose	1707
Escutcheon	1708



Bathroom furniture

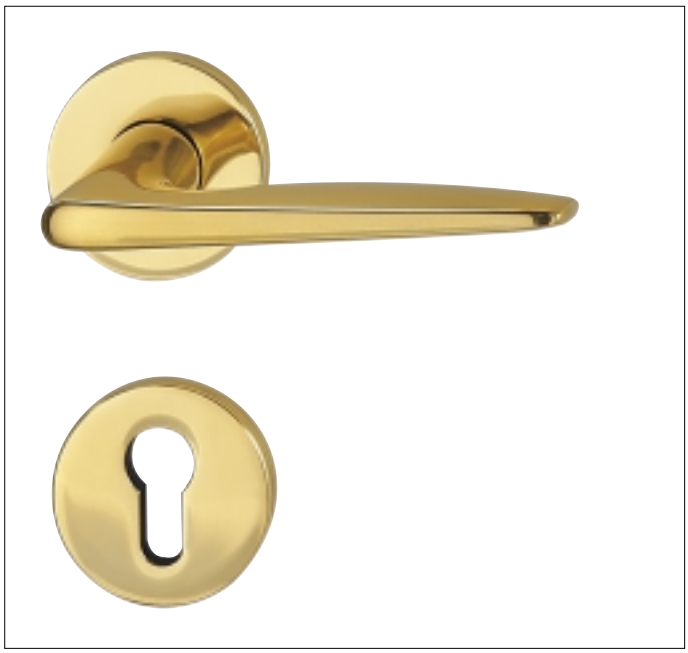
Lever handle	1057
Rose	1707
Roses WC	1708 7554



Entrance door furniture

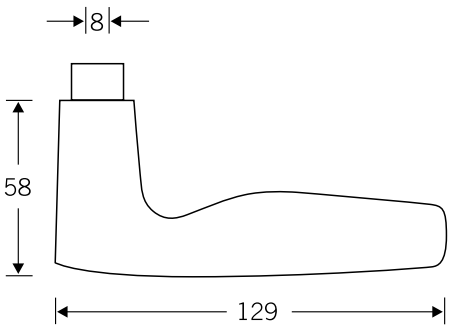
Lever-female part	1057
Rose	1707
Escutcheon	1708
Door knob	2302 06

Lever handle



1058

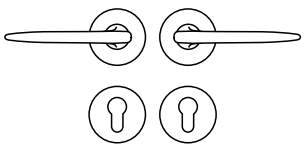
Brass



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.

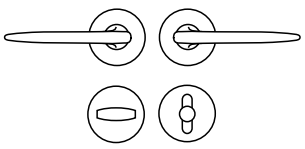
FSB 1058 is one of four models designed by Designer Johannes Potente which became part of the permanent collection of the MoMA in New York.

Order proposal:



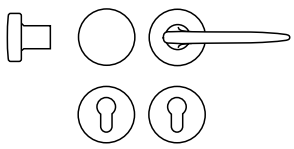
Internal door furniture

Lever handle	1058
Rose	1731
Escutcheon	1735



Bathroom furniture

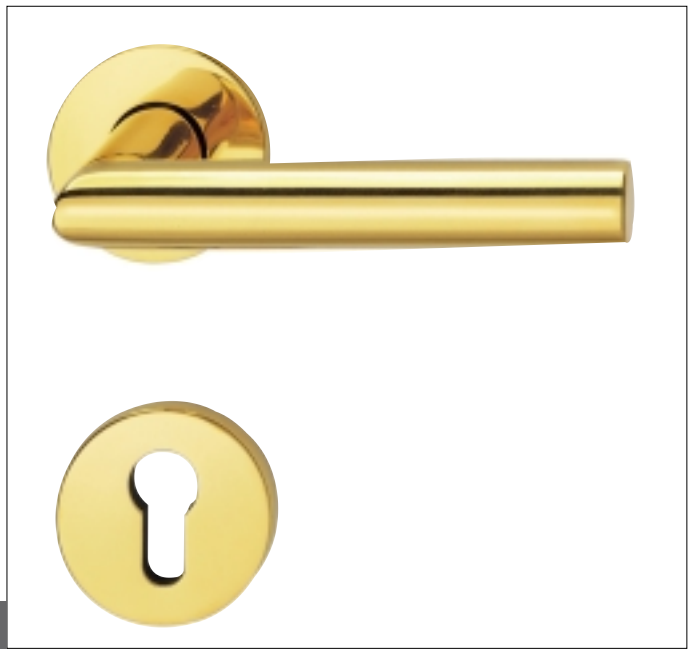
Lever handle	1058
Rose	1731
Roses WC	1735 0054



Entrance door furniture

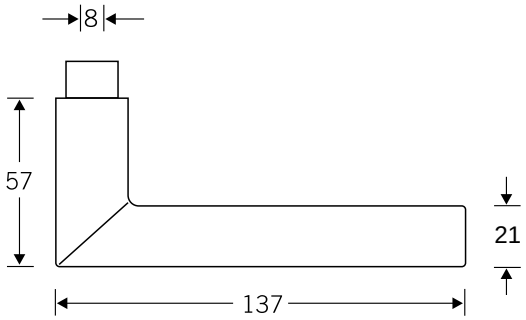
Lever-female part	1058
Rose	1731
Escutcheon	1735
Door knob	2329 06

Lever handle



1076

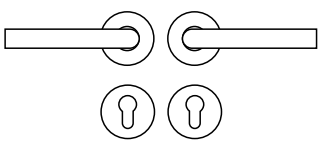
Brass



The architect Robert-Mallet Stevens (1886–1945) designed several blocks of flats in Paris during 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.

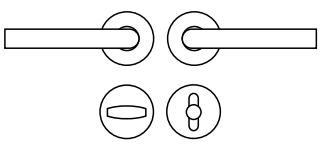
They are now known as the 'FRANKFURT model', and there's a simple reason for this. They were rediscovered for the new Architecture Museum building in Frankfurt and soon took the market by storm.

Order proposal:



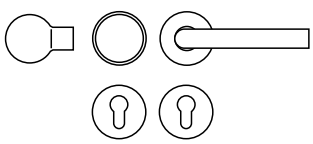
Internal door furniture

Lever handle	1076
Rose	1731
Escutcheon	1735



Bathroom furniture

Lever handle	1076
Rose	1731
Roses WC	1735 0054



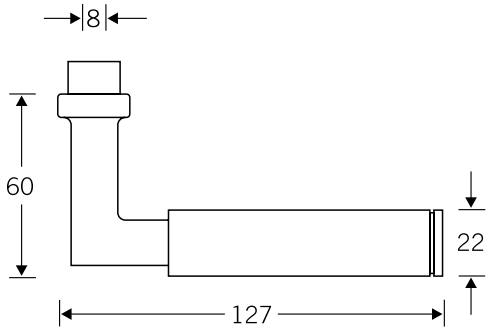
Entrance door furniture

Lever-female part	1076
Rose	1731
Escutcheon	1735
Door knob	2302 06

Lever handle

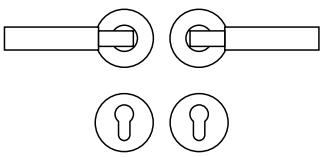
1102

Brass



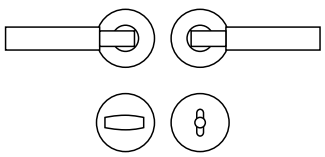
Model FSB 1102 was produced by the Italian designer Alessandro Mendini, who contributed to the FSB Design Workshop by refashioning a familiar Gropius handle using new materials.
So popular has Alessandro Mendini's 're-design' proved that there have been many requests for a brass version. We're only too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

Order proposal:



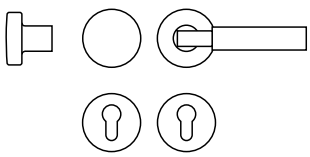
Internal door furniture

Lever handle	1102
Rose	1731
Escutcheon	1735



Bathroom furniture

Lever handle	1102
Rose	1731
Roses WC	1735 0054



Entrance door furniture

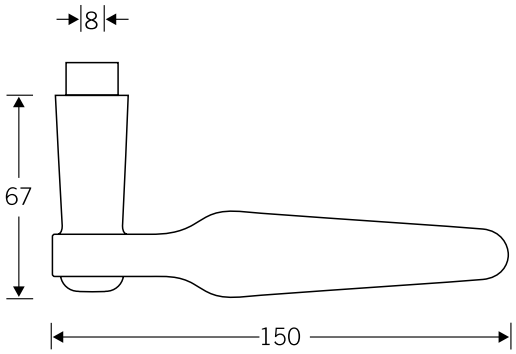
Lever-female part	1102
Rose	1731
Escutcheon	1735
Door knob	2329 06

Lever handle

2

1103

Brass

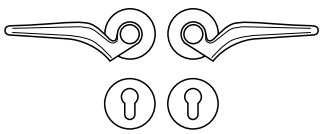


The FSB 1103 lever handle by Hans Hollein is shaped to the hand in classical FSB fashion. Hans Hollein incorporated two specific principles into this model: Firstly, he wanted to keep the user's hand well clear of the edge of the door. Hence the offset between the point of pivot and the grip. Secondly,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

Handle upwards

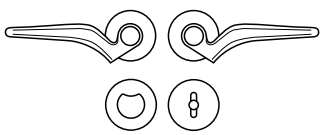
Handle downwards

Order proposal:



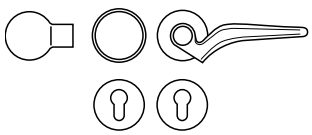
Internal door furniture

Lever handle	1103
Rose	1707
Escutcheon	1708



Bathroom furniture

Lever handle	1103
Rose	1707
Roses WC	1708 7554



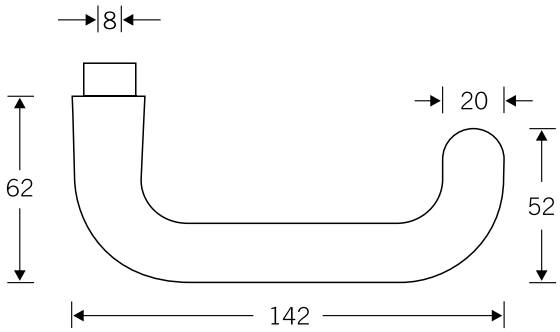
Entrance door furniture

Lever-female part	1103
Rose	1707
Escutcheon	1708
Door knob	2302 06

Lever handle

1146

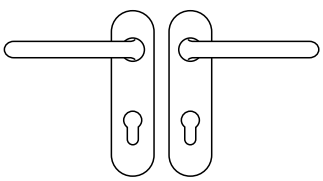
Brass



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. This 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.

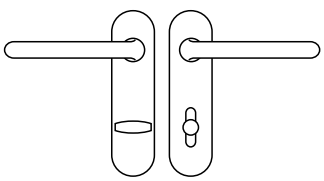
But FSB felt the time had come to take tubular design a stage further. The shank was made to taper, the arching free end given a spherical tip. Only two very simple features have lent the FSB 1146 model greater individuality with this reworking. Isn't it strange? FSB 1146 gets copied more and more.

Order proposal:



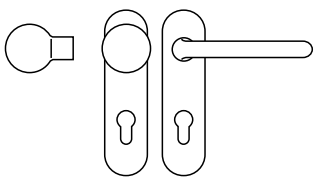
Internal door furniture

Lever handle	1146
Backplates	1451 03



Bathroom furniture

Lever handle	1146
WC Set	1451 0354



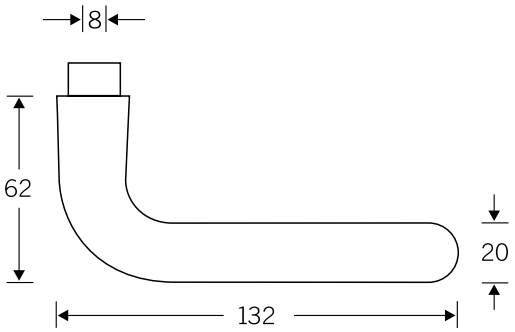
Entrance door furniture

Lever-female part	1146
Backplates	1451 03
Knob backplate	1964 03

Lever handle

1147

Brass

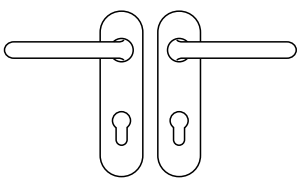


The company motif draws on a door handle designed in mid-Twenties' Vienna by the Austrian philosopher Ludwig Wittgenstein that has served as a model for several designs since, including the reworked FSB 1147 handle in this catalogue. It should replace the standard 1075 model.

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.

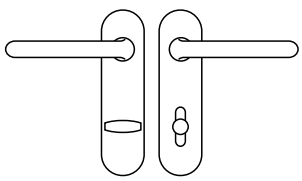
2

Order proposal:



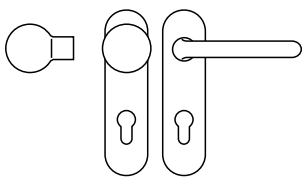
Internal door furniture

Lever handle	1147
Backplates	1451 03



Bathroom furniture

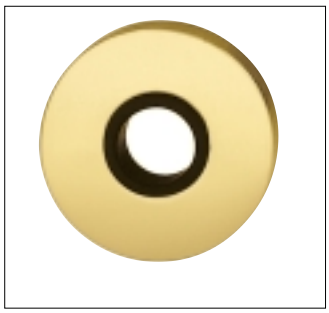
Lever handle	1147
WC Set	1451 0354

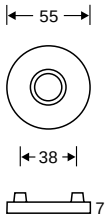


Entrance door furniture

Lever-female part	1147
Backplates	1451 03
Knob backplate	1964 03

Roses

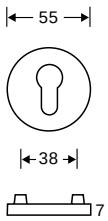




1731

without lugs 1743

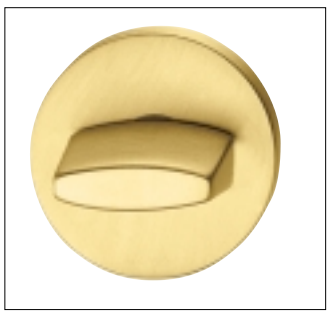
Brass

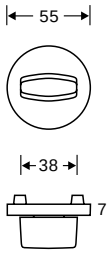


1735

without lugs 1744

Brass

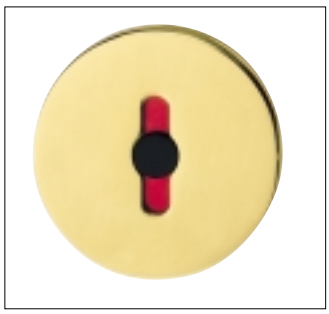


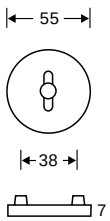


1735 0054

without lugs 1744 0054

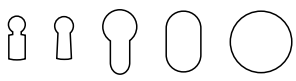
Brass



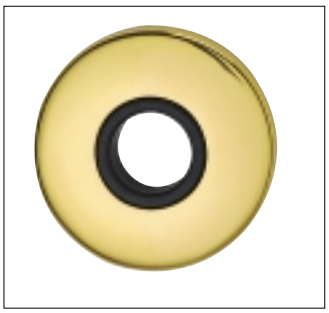


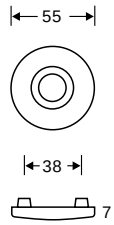
Roses with square edges

Keyholes



Roses

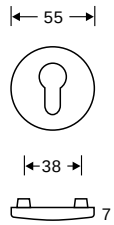




1707

without lugs 1705

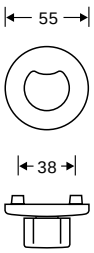
Brass



1708

without lugs 1709

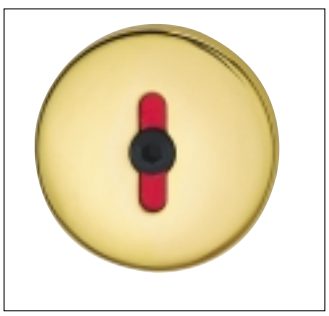
Brass

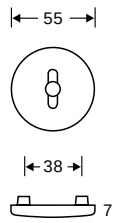


1708 7554

without lugs 1709 7554

Brass

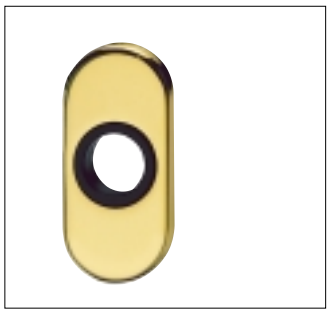


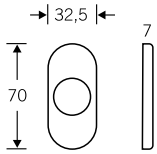


FSB offers the market a selection of convex roses by Hartmut Weise (FSB 1707/ 1708) that augment the proven hard-edged standard designs FSB 1731/1735/ 1743/1744.

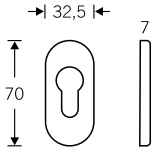
Keyholes

Roses
Backplates

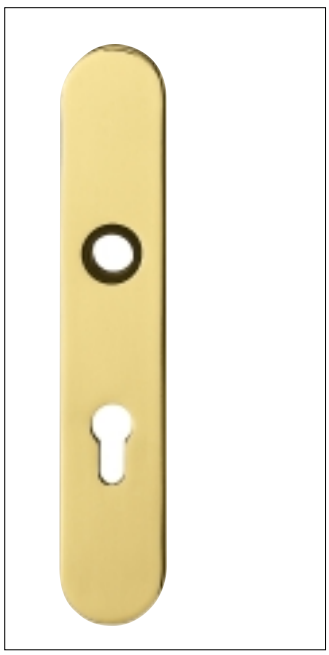


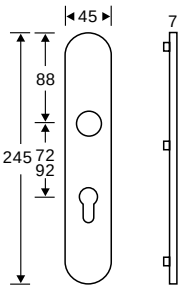


1758
Brass

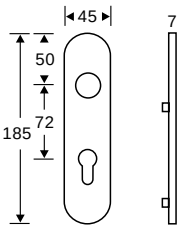


1757
Brass



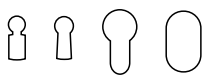


1418 03 72 + 92 mm
Brass



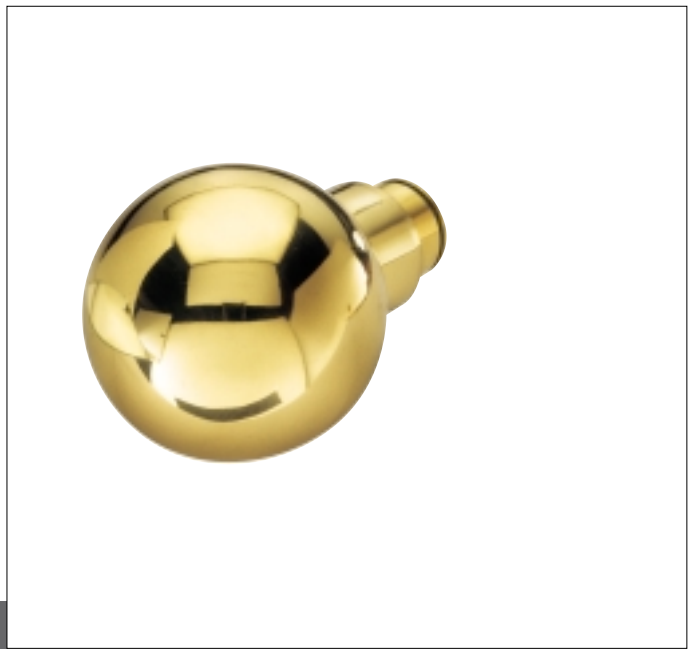
1451 03 72 mm
Brass

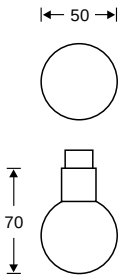
Keyholes



BB CH PZ OZ

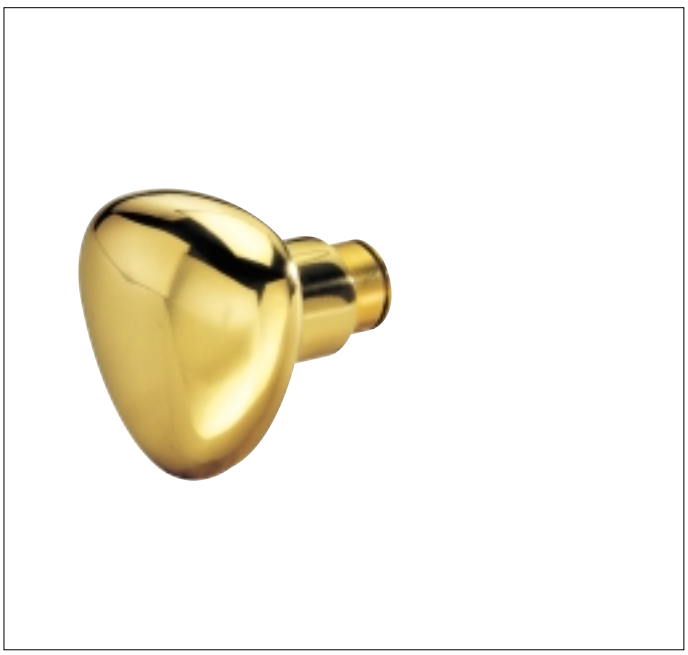
Knob handles

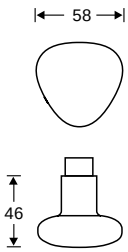




0802 8 mm □

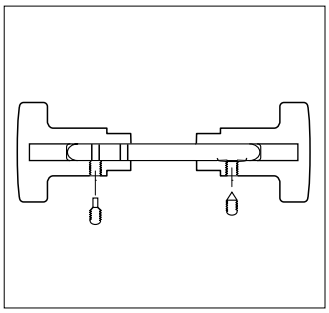
Brass





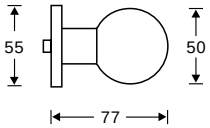
0817 8 mm □

Brass



Turnable knob handles are made and supplied by FSB as female sections. Knobsets are created by joining two female parts together using the FSB Stabil-spindle 0102.

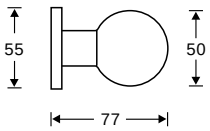
Door knobs



2302 06

Brass

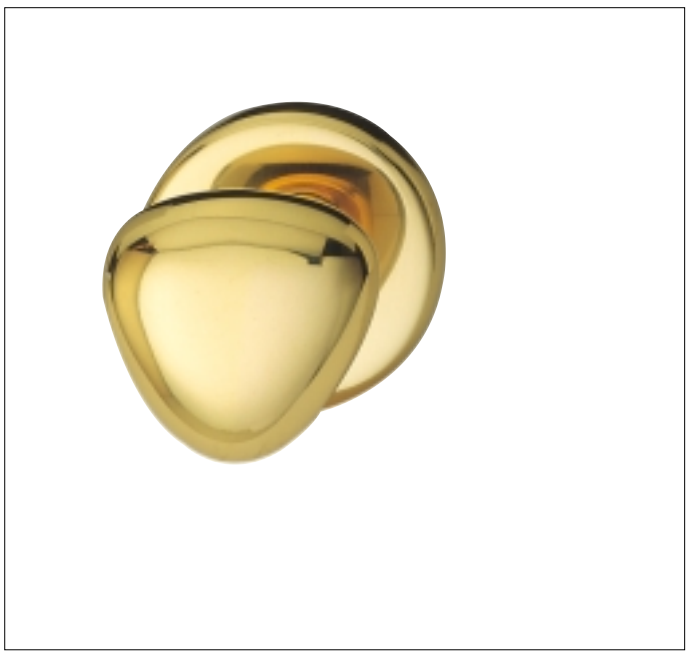
concealed through fixing
c:c screw holes 38 mm

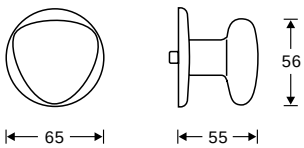


2302 05

Brass

concealed face fixing

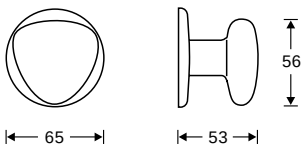




2327 06

Brass

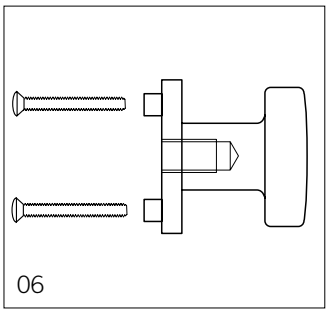
concealed through fixing
c:c screw holes 38 mm

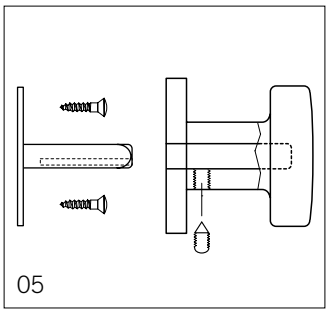


2327 05

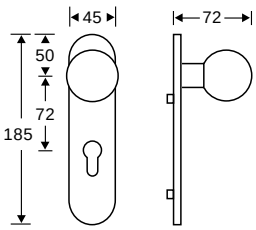
Brass

concealed face fixing



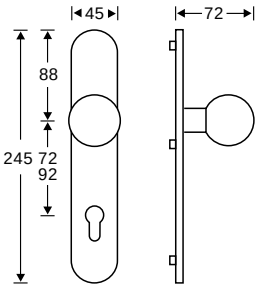


Knob backplates



1964 03 72 mm

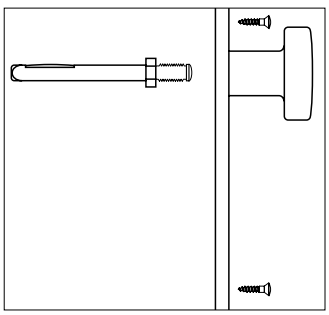
Brass



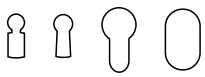
1927 03 72 + 92 mm

Brass

Matching backplates reverse side shown on page 219.



Keyholes



BB CH PZ OZ

Letter plates with spacer

3826 20

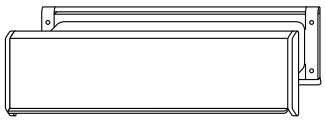
Inside:
Brass polished lacquered
Outside:
Brass polished waxed

Opening size 230 x 40 mm
Cutout size in the door
240 x 50 mm

Fixing of letter plate and inner flap must be made separately.

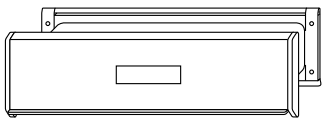
Letter plate system 3826 20 is available as:

- Letter plate set with black spacer and inner flap for door thickness 40 – 70 mm or door thickness 71 – 100 mm
- Single as letter plate.



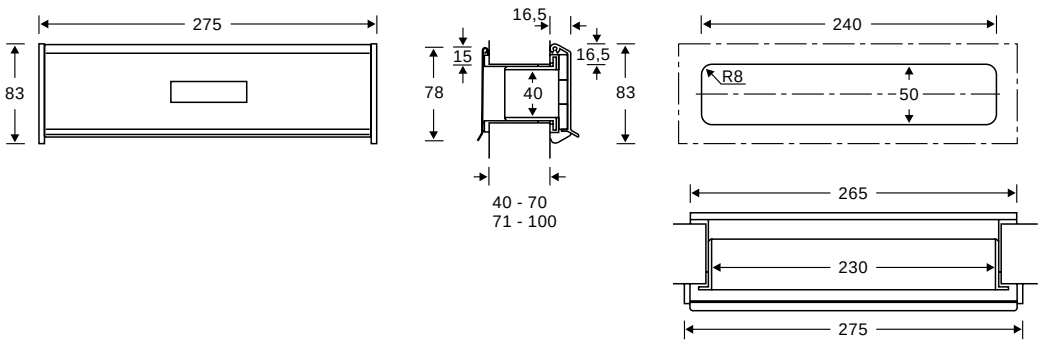
3826 2061 (40 - 70 mm)
3826 2071 (71 - 100 mm)
Letter plate set
without nameplate,
with spacer and inner flap

3826 2001
Letter plate set
without nameplate,
without spacer or inner flap

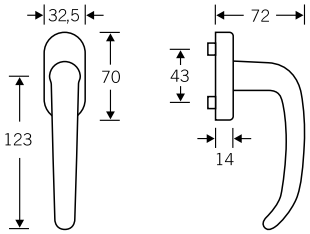


3826 2062 (40 - 70 mm)
3826 2072 (71 - 100 mm)
Letter plate set
with nameplate, spacer and inner flap

3826 2002
Letter plate set
with nameplate,
without spacer or inner flap



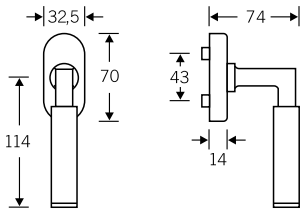
Window handles



3423

Brass

Window handle with
click-stop mechanism
lugs with 10 mm Ø
c:c mounting holes 43 mm
7 mm □
spindle projecting 30 mm



3432

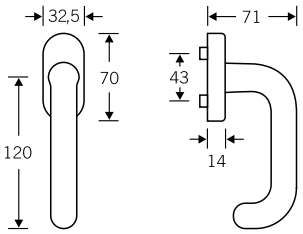
Brass

Window handle with
click-stop mechanism
lugs with 10 mm Ø
c:c mounting holes 43 mm
7 mm □
spindle projecting 30 mm

Design: Alessandro Mendini

Technical information page 134

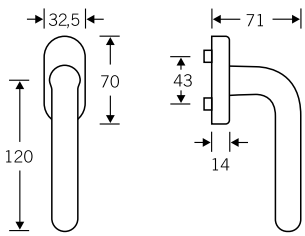
Window handles



3446

Brass

Window handle with
click-stop mechanism
lugs with 10 mm Ø
c:c mounting holes 43 mm
7 mm □
spindle projecting 30 mm



3447

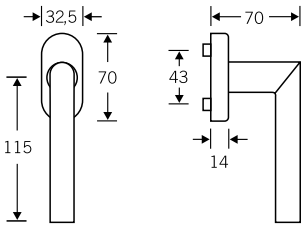
Brass

Window handle with
click-stop mechanism
lugs with 10 mm Ø
c:c mounting holes 43 mm
7 mm □
spindle projecting 30 mm

RAL Gütezeichen Rastoliven

Technical information page 134

Window handles

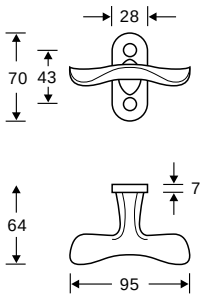


3476

Brass

Window handle with
click-stop mechanism
lugs with 10 mm Ø
c:c mounting holes 43 mm
7 mm □
spindle projecting 30 mm

2



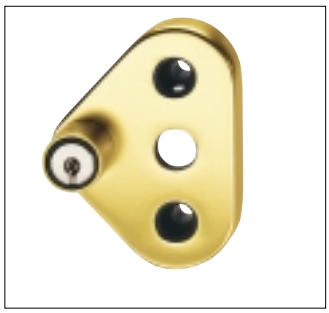
3404

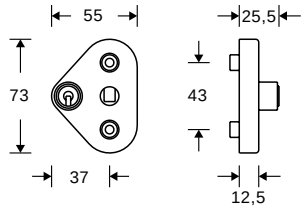
Brass

c:c mounting holes 43 mm
7 mm □
spindle projecting 30 mm

Technical information page 134

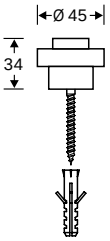
Window lock
Door stops



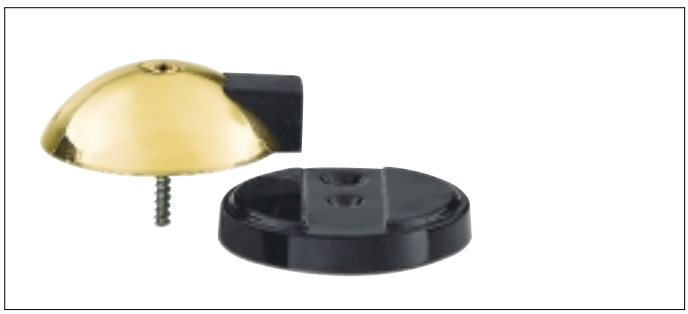


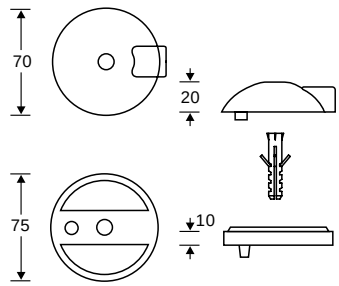
3407
Brass

Technical information page 154



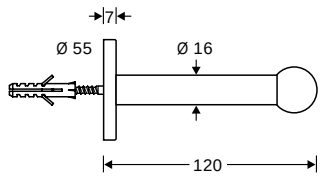
3881
Brass





3884 00
Brass

3884 10
Black baseplate

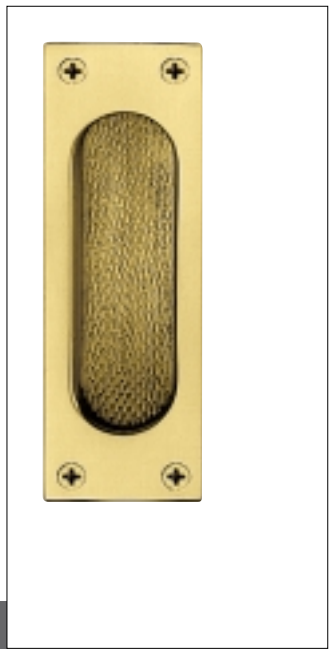


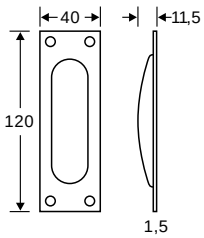
3895
Brass

Door stops mounted to the wall need to be fitted in such a way that the door leaf strikes them as head-on as possible. Any undue lateral force is likely to cause the stop to work loose.

FSB also urgently advises against fitting stops at door-handle height. The resultant shock waves are transmitted via the lock follower to the lock mechanism, eventually causing damage.

Flush pulls



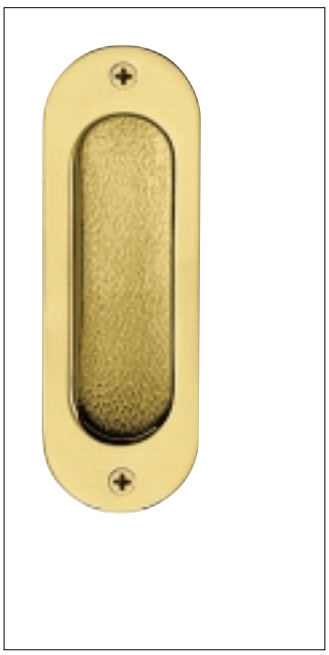


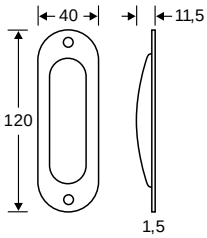
4211

Brass

Mill out size 87 x 28 x 10 mm

Boreholes for 3,0 mm countersunk srews





4212

Brass

Mill out size 87 x 28 x 10 mm

Boreholes for 3,0 mm countersunk srews

Flush pulls FSB 4211 and 4212 are available:

without keyhole,
with lever lock/BB keyhole,
with profile cylinder/PZ keyhole.