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Even humdrum items such as window handles are subject to the laws of commodity aesthetics, i.e. they need to be selected to match the lever handles in use.

# Overview



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-  Aluminium
-  Stainless steel
-  Plastics, white
-  Plastics, grey
-  Plastics, black



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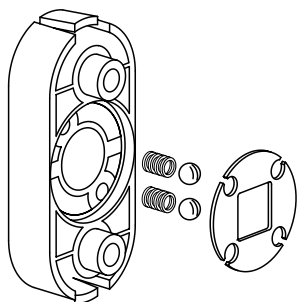
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# Window handles



## The FSB click-stop mechanism

All FSB window handles with click-stop mechanisms comply with the RAL quality standard. The RAL quality board has drawn up specifications for window handles that are designed to ensure lasting quality and performance.

The FSB click-stop device enables windows to be efficiently closed, tilted, or opened. This device is made up of steel ball bearings in a rugged GFR plastics housing. Whenever the window is operated, the handle clicks audibly into place. Handles can be supplied with a 45-degree 'night-tilt' setting on request.



FSB supplies window handles with or without a click-stop mechanism.

For models with click-stop mechanisms the following applies:

FSB supplies these handles as standard with a rose thickness of 14 mm, lugs of 10 mm dia., and a 7 mm spindle with a 30 mm projection, the distance between fixing centres being 43 mm. The same handles can also be supplied with 12 mm Ø lugs or without lugs.

In the case of models without click-stop mechanism, the rose thickness is just 7 mm. The distance between fixing centres remains 43 mm. Models are available without a click-stop mechanism under the following product codes: 3401, 3402, 3404, 3430, 3441.

FSB window handles are supplied without screws. Fixing is by means of 5 mm oval head screws.

## Window handles with security characteristics

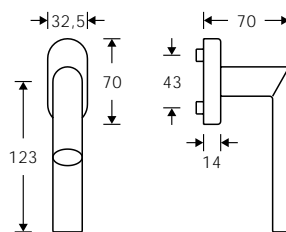
Criminal statistics show that windows have virtually overtaken doors as the favourite point of entry. It is thus advisable to make sure windows are secure.

The hardware industry has developed a host of security features for windows which may not be able to prevent a burglary but can significantly delay the process. FSB's wide-ranging programme includes the following safety devices:

- window handles with cylinder locks
- handle adaptors with cylinder locks
- combination lock
- concealed anti-leverage devices

The efficacy of the security items listed depends to an extent on how well they are fastened and to what.

# Window handles

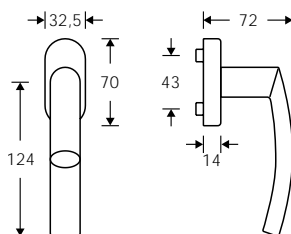


**3409**  
Aluminium  
Stainless steel

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

1

d



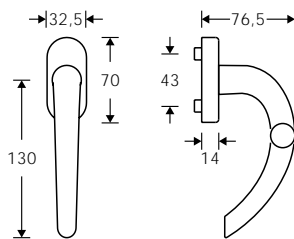
**3440**  
Aluminium  
Stainless steel

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



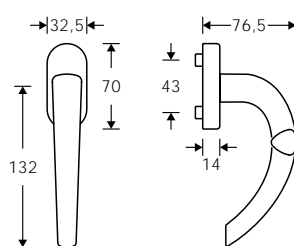
Window handles

1

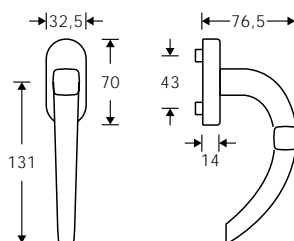


3410

d



3411



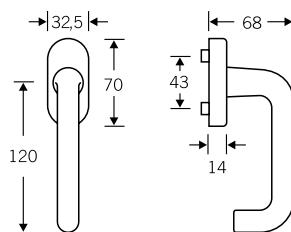
3412

Aluminium  
Stainless steel

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



# Window handles

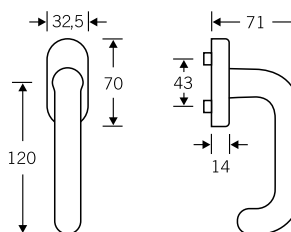


**3421**  
Aluminium

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

1

d



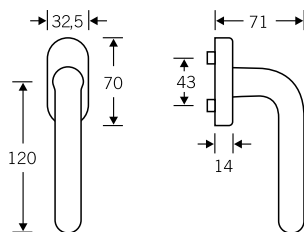
**3446**  
Aluminium  
Stainless steel

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



# Window handles

1

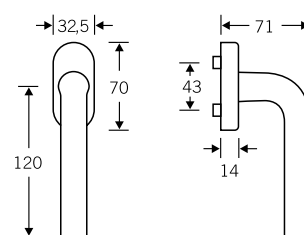


**3447**

Aluminium  
Stainless steel

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

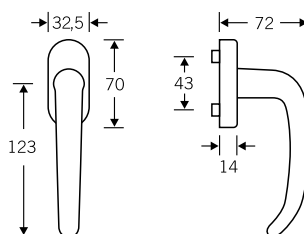
d



**3422**

Aluminium  
Stainless steel

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



**3423**

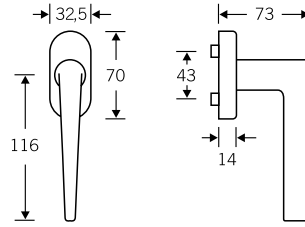
Aluminium  
Stainless steel

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





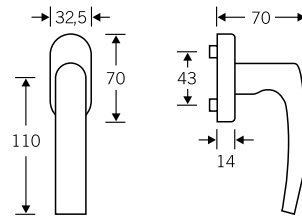
Window handles



3425

Aluminium  
Stainless steel

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



3424

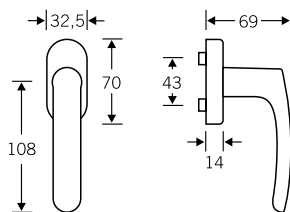
Aluminium  
Stainless steel

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



Window handles

1

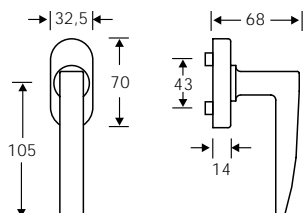


3431

Aluminium

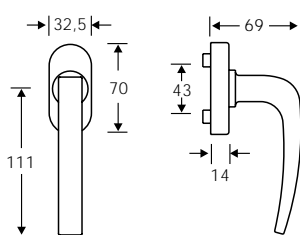
Window handle with click-stop mechanism  
lugs with 10 mm Ø  
c:c mounting holes 43 mm  
7 mm □  
spindle projecting 30 mm

d



3433

Aluminium natural colour



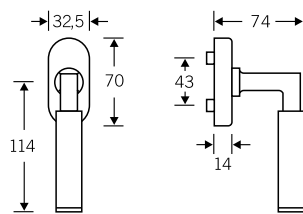
Stainless steel

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

Design: Hans Kollhoff



# Window handle



**3432**

Aluminium natural colour

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



Stainless steel

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

Available in:

Aluminium natural colour

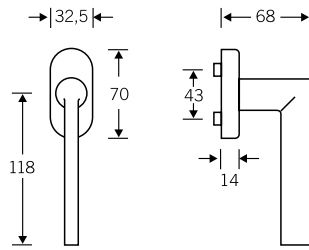
Aluminium natural colour  
black DUROHORN® handle

Stainless steel



Window handles

1



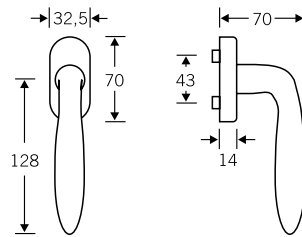
**3435**

Aluminium natural colour  
Stainless steel

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

Design: Hartmut Weise

d



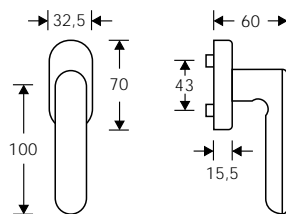
**3437**

Aluminium  
Stainless steel

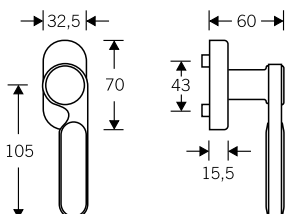
Window handle with click-stop mechanism  
lugs with 10 mm Ø  
c:c mounting holes 43 mm  
7 mm □  
spindle projecting 30 mm



Window handles



3436



3438

3438 48 r.h.  
3438 58 l.h.

Illustration r.h.

Aluminium grey  
Thermoplastics black

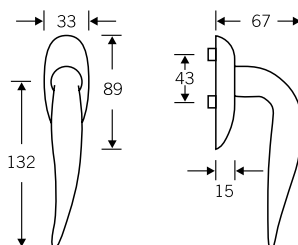
Window handles with click-stop mechanism  
lugs with 10 mm Ø  
c:c mounting holes 43 mm  
7 mm □  
spindle projecting 30 mm

Design: Dieter Rams



# Window handles

1



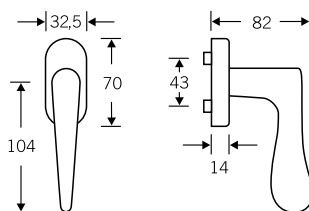
**3439**

Aluminium natural colour

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

Design: Philippe Starck

d



**3444**

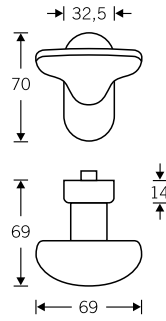
Aluminium natural colour

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

Design: Jasper Morrison



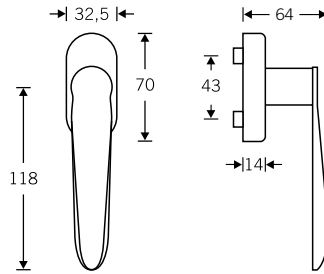
Window handles



3406

1

d



3458

Stainless steel

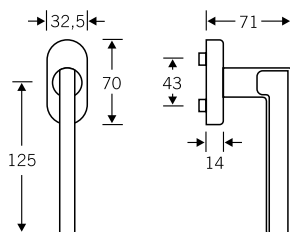
Window handles with click-stop mechanism  
 lugs with 10 mm Ø  
 c:c mounting holes 43 mm  
 7 mm □  
 spindle projecting 30 mm

Design: Erik Magnussen



Window handles

1



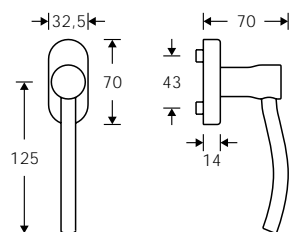
3459

Aluminium  
Stainless steel

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

Design: Heike Falkenberg

d



3466

Stainless steel

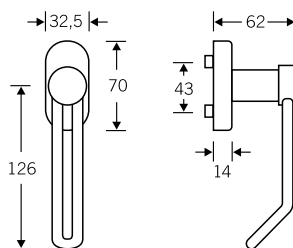
Window handle with click-stop mechanism  
lugs with 10 mm Ø  
c:c mounting holes 43 mm  
7 mm □  
spindle projecting 30 mm

Design: Jasper Morrison





# Window handles



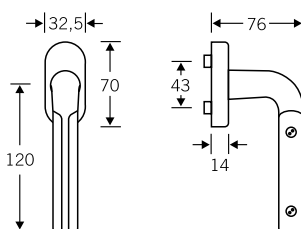
**3467**

Stainless steel

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

1

d



**3469**

Aluminium  
natural colour | black plastics

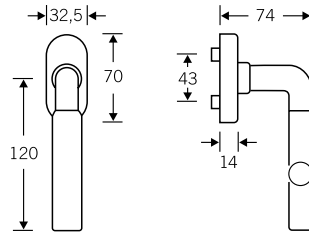
Window handle with click-stop mechanism  
lugs with 10 mm Ø  
c:c mounting holes 43 mm  
7 mm □  
spindle projecting 30 mm

Design: Nicholas Grimshaw



Window handles

1

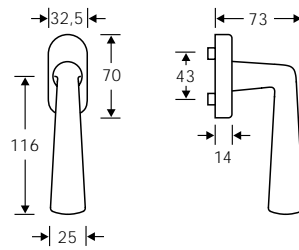


**3471**

Aluminium  
Stainless steel

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

d



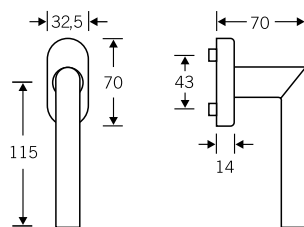
**3473**

Aluminium  
Stainless steel

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



# Window handles



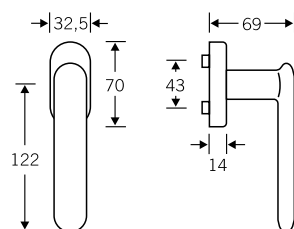
**3476**

Aluminium  
Stainless steel

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

1

d



**3484**

Aluminium  
Stainless steel

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

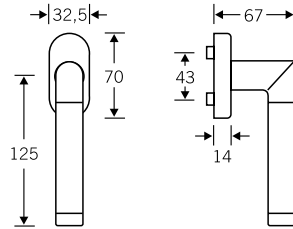


Window handles

1



d



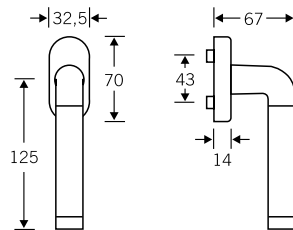
3477

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

Available in:

Aluminium natural colour  
handle stainless steel

Aluminium natural colour  
handle black



3489

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

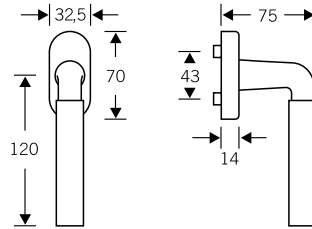
Available in:

Aluminium natural colour  
handle stainless steel

Aluminium natural colour  
handle black



Window handle



3482

Aluminium

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

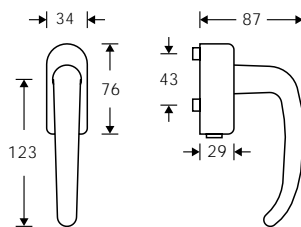
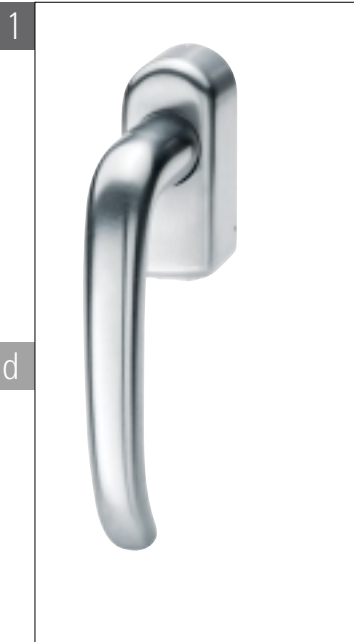
Available in:

Aluminium natural colour  
dark wood grip

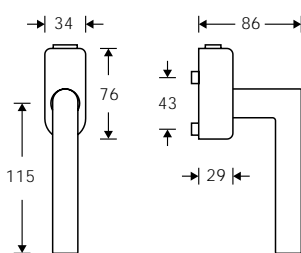
Aluminium dark bronze colour  
light wood grip



Window lock acc.  
DIN V ENV 1627



3423 80



3476 80

Aluminium  
Stainless steel

Window lock matching FSB-  
window handles on security  
windows acc. DIN V ENV 1627

Click-stop + protection



Accessories:  
2 screws M5 x 35 mm  
2 adapter rings 10 to 12  
Disassembly pin for cylinder

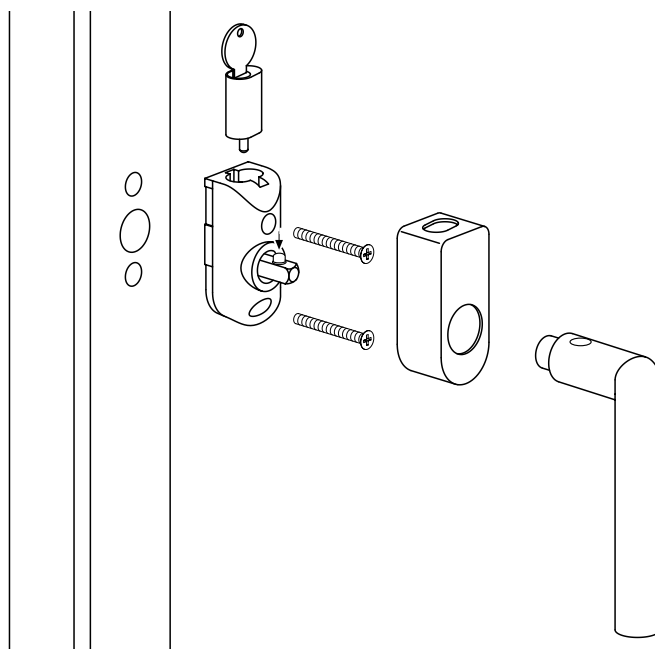
For many years FSB has supplied RAL-approved lockable handles for security windows, amongst them FSB 3481 and FSB 3488.

In addition and as an alternative to these standard items, the market has shown an interest in a RAL-approved lockable adaptor on which FSB name window handles can be fitted if required.

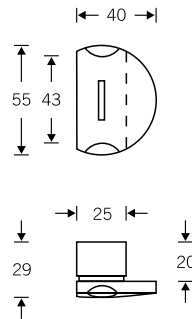
Together with a rival, FSB launched an approved adaptor for security windows which can be fitted to the window in one of two positions depending on the window's design.

The new FSB window handle lock is equipped with the FSB 1023 and FSB 1076 models as standard. Other handle designs can be prepared for fabrication on request.

In such cases, please allow a little more time for delivery.



# Protection from leverage



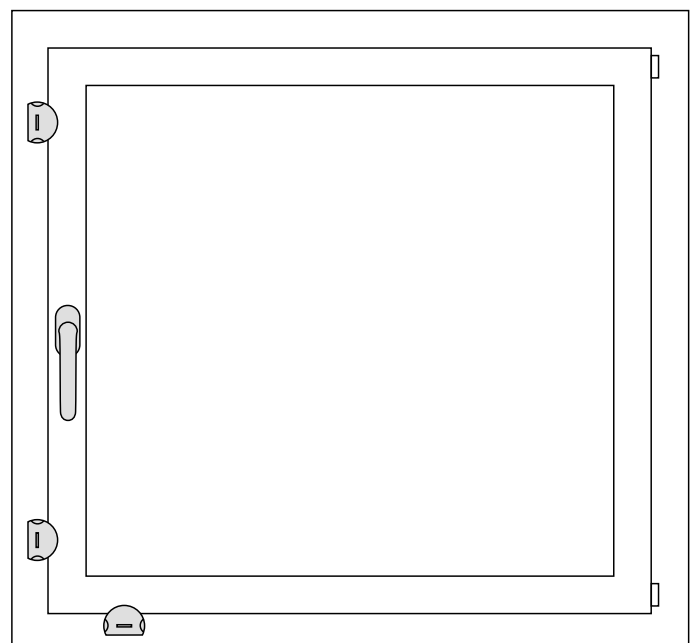
3416  
Aluminium

1

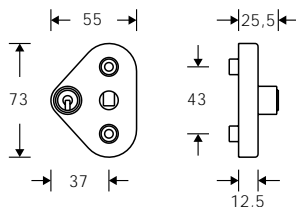
d

Protection from leverage has a demoralising effect. Even assuming a hole is cut through the window pane and the handle inside has not been locked, the hidden anti-leverage devices will prevent the window from opening. Thus, the would be intruder is either forced to smash the whole pane or with brute force remove the frame. At the very least, protection from leverage hinders and deters would be burglars. Their effect is to an extent psychological. How physically effective they are greatly depends on how solidly they have been fixed and to what (timber, plastic, or metal frame).

We emphasize that, whilst protection from leverage devices make break-ins more difficult and time-consuming, they cannot provide complete protection.



# Window handle lock adaptor



## 3407

Aluminium  
Stainless steel  
Plastics black  
similar to RAL 9004  
Plastics white  
similar to RAL 9010

Keys to differ  
keys to pass

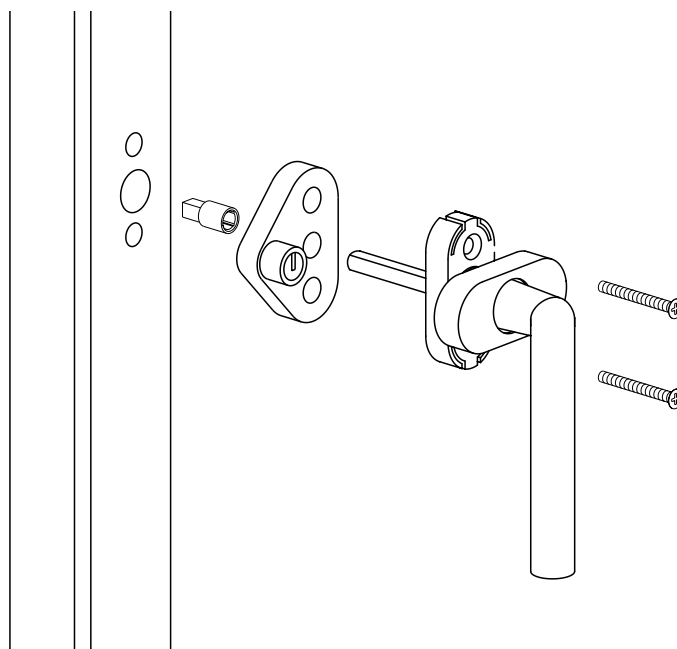
Lugs with 10 mm Ø  
matching FSB-window handles  
with lugs 10 mm Ø only



FSB 3407 matches all FSB window handles with click-stop mechanism. To compensate for the insert length of the spindle due to the additional depth of the lock adapter, the standard spindle projection of 30 mm will be extended to 42 mm. This is accomplished with the use of a spindle extension part

which is delivered together with the window lock. Installed as illustrated on this page. We emphasize that, whilst protection from leverage devices make break-ins more difficult and time-consuming, they cannot provide complete protection.

Accessories:  
2 screws M5 x 50 mm  
1 spindle extension part



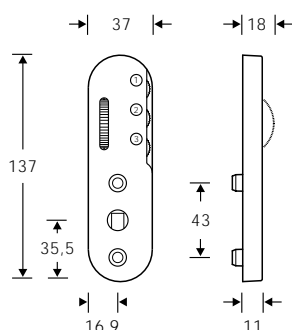


# Combination lock for Window handles



As an alternative to window handle locks with cylinders and keys, FSB also supplies a combination lock in which the key, which could get mislaid, is replaced by an individually selectable code.

In the unlocked position, the handle can be operated without hindrance. The bolt can be shot in any position of the window (closed, open or tilt). The numeric code is randomly selectable and can be obscured at any window position for the user's safety. As soon as the code is obscured, the bolt is locked.



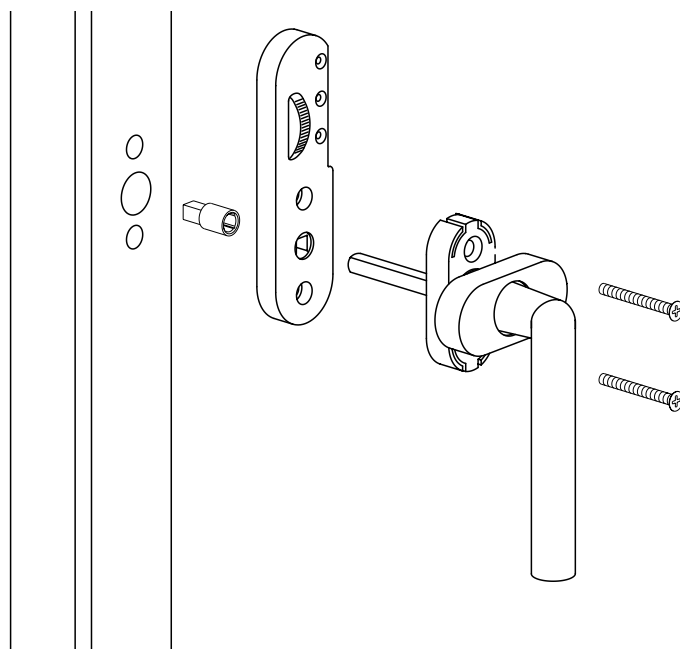
**3490**

Plastics white  
similar to RAL 9010  
Plastics grey  
similar to RAL 7004  
Plastics black  
similar to RAL 9004

Lugs with 10 mm Ø  
matching FSB-window handles  
with lugs 10 mm Ø only

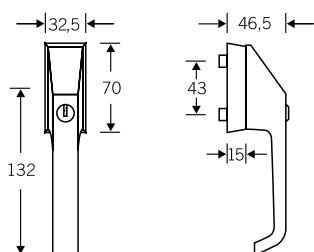
Fabrication is as for the window lock with cylinder and key: once the existing FSB window handle has been unscrewed, the spindle is lengthened using the spindle extension part supplied. The handle is then fitted onto the combination lock and screwed onto the window using the extra-long screws likewise supplied.

Accessories:  
2 screws M5 x 50 mm  
1 spindle extension part



# Window handles

1



**3488**

Aluminium  
Alu + colour

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

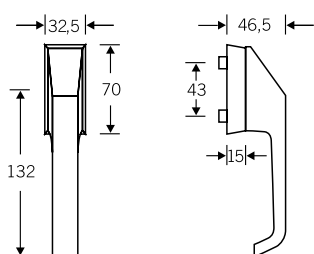
Keys to differ | keys to pass

for security windows  
acc. DIN V ENV 1627

Click-stop + protection



d



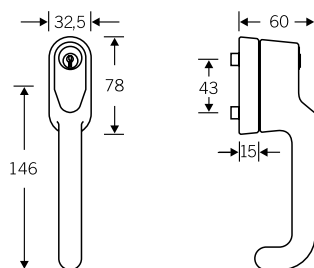
**3488 00**

Aluminium  
Alu + colour

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



Window handles



3481

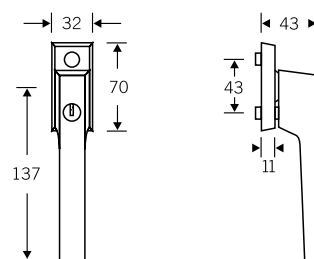
Aluminium

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

Keys to differ | keys to pass

for security windows  
acc. DIN V ENV 1627

Click-stop + protection



3492

Aluminium

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

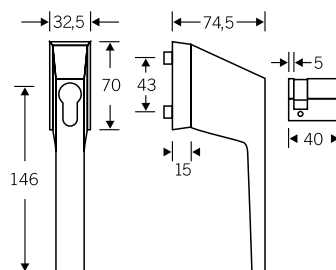
Keys to differ  
keys to pass

# Window handle

1



d



## 3495

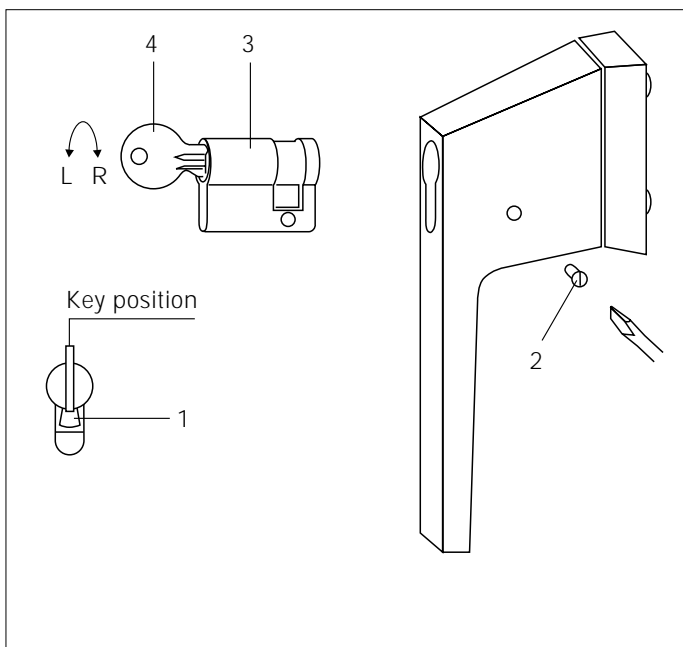
Aluminium

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

prepared for single profile cylinder

for security windows  
acc. DIN V ENV 1627

Click-stop + protection

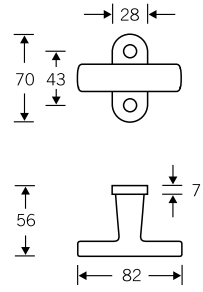


### Inserting the cylinder

Loosen grub screw ②, set the cylinder thrower to the vertical position before assembly ①, insert the cylinder ③ and press in until there is an audible click. Tighten grub screw ②. Further pressure on the cylinder ③ causes the handle to become locked. To unlock, turn the key ④ clockwise.

Removing the cylinder:  
Set the cylinder ③ in the un-locked position. Loosen grub screw ②. The cylinder ③ can now be removed by turning the key ④ anticlockwise.

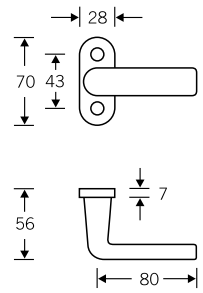
Window handles



3401

Aluminium

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



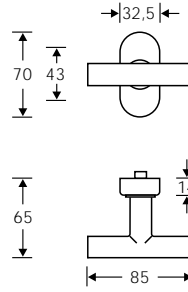
3402

Aluminium

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

Window handles

1



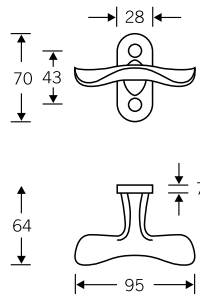
3403

Aluminium  
Stainless steel

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



d

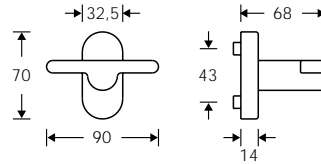


3404

Aluminium

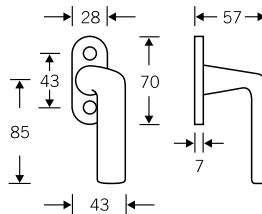
c:c mounting holes 43 mm  
7 mm □  
spindle projecting 30 mm

Window handles



**3420**  
Aluminium  
Stainless steel

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

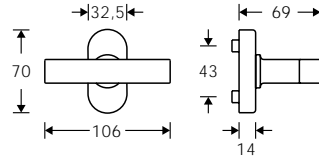


**3430**  
Aluminium

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

Window handles

1



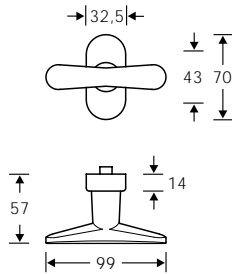
**3453**

Aluminium natural colour

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

Design: Hans Kollhoff

d



**3455**

Aluminium natural colour

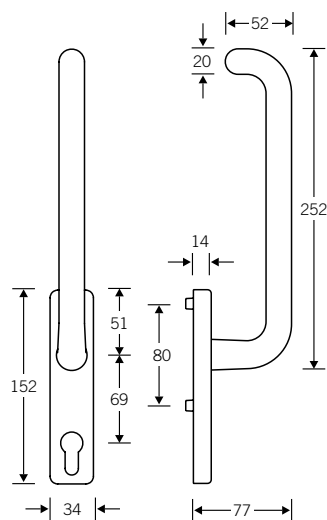
Window handle with click-stop mechanism  
lugs with 10 mm Ø  
c:c mounting holes 43 mm  
7 mm □  
spindle projecting 30 mm

Design: Hartmut Weise

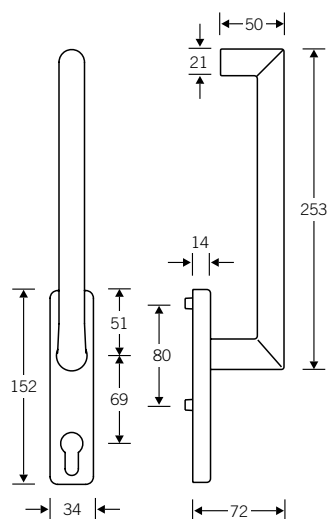




# Sliding patio door levers



3750 01



3750 02

Stainless steel

Sliding patio door levers  
incl. mechanism  
turnably fixed  
concealed fixing  
10 mm □-spindle  
Fixing M6

Sliding patio door levers are available

without keyhole  
with PZ keyhole