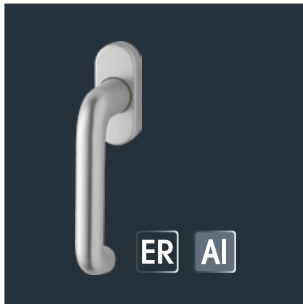


Object window handles

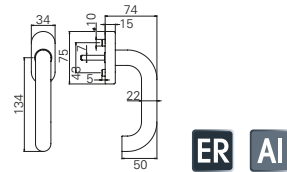


FO-110

Window handle with 90° ball bearing detent suitable for objects on a stable substructure.

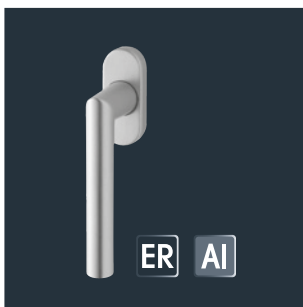
Concealed screw attachment with 43 mm bore spacing.

Fixing accessories not included. Further spindle lengths available on request



ER AI

FO-110 U-shaped	Colour	Cams	Spindle	Art. no.
FO-110 ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030008583
FO-110 AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030050085

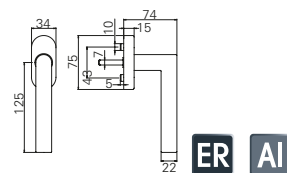


FO-310

Window handle with 90° ball bearing detent suitable for objects on a stable substructure.

Concealed screw attachment with 43 mm bore spacing.

Fixing accessories not included. Further spindle lengths available on request



ER AI

FO-310 CL-shaped	Colour	Cams	Spindle	Art. no.
FO-310 ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030008531
FO-310 AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030050140

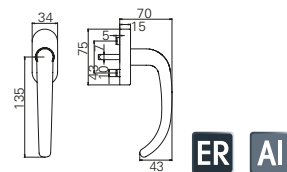


FO-410

Window handle with 90° ball bearing detent suitable for objects on a stable substructure.

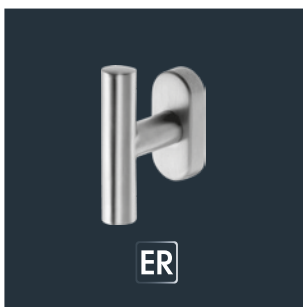
Concealed screw attachment with 43 mm bore spacing.

Fixing accessories not included. Further spindle lengths available on request



ER AI

FO-410 U-shaped	Colour	Cams	Spindle	Art. no.
FO-410 ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030015053
FO-410 AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030050188

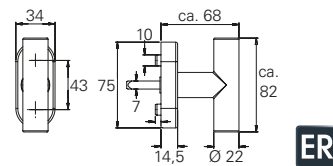


FO-333

Window handle with 90° ball bearing detent suitable for objects on a stable substructure.

Concealed screw attachment with 43 mm bore spacing.

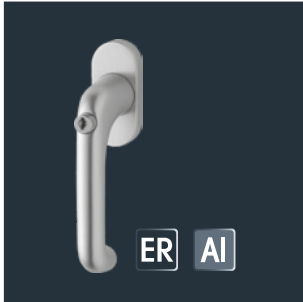
Fixing accessories not included. Further spindle lengths available on request



ER

FO-333 T-handle	Colour	Cams	Spindle	Art. no.
FO-333 ER	Stainless steel, matt brushed	∅ 10 mm	7 x 38 mm	5030051090

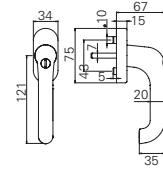
Object window handles ■ Lockable



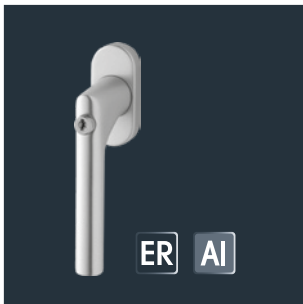
FO-110 A

Lockable window handle with 90° ball bearing detent suitable for objects. Push cylinder in the handle (1 key, keyed alike). Concealed screw attachment with 43 mm bore spacing.

Fixing accessories not included. Further spindle lengths available on request.



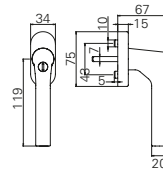
FO-110 A U-shaped	Colour	Cams	Spindle	Art. no.
FO-110 A ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030008580
FO-110 A AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030014046



FO-310 A

Lockable window handle with 90° ball bearing detent suitable for objects. Push cylinder in the handle (1 key, keyed alike). Concealed screw attachment with 43 mm bore spacing.

Fixing accessories not included. Further spindle lengths available on request.



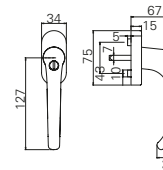
FO-310 A CL-shaped	Colour	Cams	Spindle	Art. no.
FO-310 A ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030008609
FO-310 A AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030050159



FO-410 A

Lockable window handle with 90° ball bearing detent suitable for objects. Push cylinder in the handle (1 key, keyed alike). Concealed screw attachment with 43 mm bore spacing.

Fixing accessories not included. Further spindle lengths available on request.



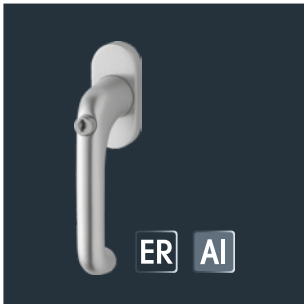
FO-410 A U-shaped	Colour	Cams	Spindle	Art. no.
FO-410 A ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030014913
FO-410 A AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030008712



Certificate also available online at:
<http://zertifikate.eco-schulte.de>

! These lockable object window handles have been tested separately according to **EN 1627: 2011-09**, Appendix B, Table B1 to 100 Nm.

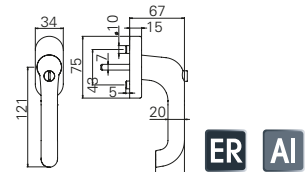
Object window handles ■ TBT



FO-110 TBT

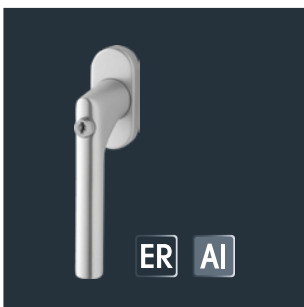
Lockable window handle with 90° ball bearing detent suitable for objects. Push cylinder in the handle (1 key, keyed alike). Concealed screw attachment with 43 mm bore spacing. **TBT model**

Fixing accessories not included. Further spindle lengths available on request.



ER AI

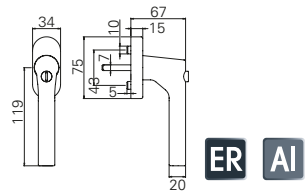
FO-110 TBT U-shaped	Colour	Cams	Spindle	Art. no.
FO-110 TBT ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030008615
FO-110 TBT AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030050119



FO-310 TBT

Lockable window handle with 90° ball bearing detent suitable for objects. Push cylinder in the handle (1 key, keyed alike). Concealed screw attachment with 43 mm bore spacing. **TBT model**

Fixing accessories not included. Further spindle lengths available on request.



ER AI

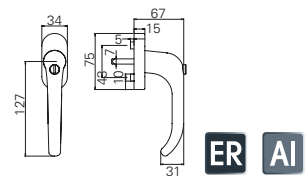
FO-310 TBT CL-shaped	Colour	Cams	Spindle	Art. no.
FO-310 TBT ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030008765
FO-310 TBT AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030050176



FO-410 TBT

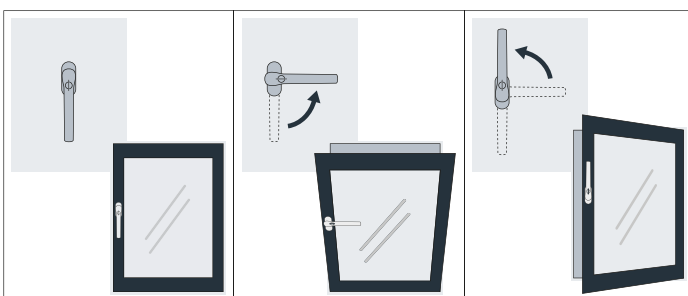
Lockable window handle with 90° ball bearing detent suitable for objects. Push cylinder in the handle (1 key, keyed alike). Concealed screw attachment with 43 mm bore spacing. **TBT model**

Fixing accessories not included. Further spindle lengths available on request.



ER AI

FO-410 TBT U-shaped	Colour	Cams	Spindle	Art. no.
FO-410 TBT ER	Stainless steel, matt brushed	∅ 10 mm	7 x 35 mm	5030021120
FO-410 TBT AL	F1 anodised aluminium	∅ 10 mm	7 x 35 mm	5030014921



!

The TBT (**tilt before turn**) technology allows the handle to be locked in the tilt position (at 90°) with a key.

Once the handle is in this position, it is only possible to turn it further to the opening position (at 180°) after unlocking it again.

The window must be **set up** accordingly to use this function. The window handle alone is not enough to enable this function.

Product information and use of ECO fitting technology

§ 1 Product information and intended usage

1. The fitting systems made by ECO are assistive systems that can be used to help with opening and closing motions and/or locking processes for doors, glass doors and window elements.
2. The fixing elements supplied with these products must be used and installed according to the mounting instructions/specifications.

§ 2 Improper use of the products

Improper use of fitting systems for doors and windows (i.e. not using the product as intended) includes the following situations in particular:

- Installation or mounting of foreign objects and/or objects not intended for this purpose into the fitting system;
- Using auxiliary tools to operate the system;
- The fittings are used as a replacement for a missing wall buffer;
- Fittings are misused as a suspension device for heavy loads;
- Fittings are used long-term in combination with panic locks instead of only in emergencies, against the recommendation of the lock and fitting industry;
- Surface of the fitting systems damaged by the use of sharp or hard objects;
- The use of fasteners made by third-party manufacturers.

Sooner or later, these errors will cause damage, and the products will no longer have the characteristics defined by the manufacturer.

§ 3 Product performance

1. Product performance is only partially governed by standards. Many aspects of product performance have been developed based on years of experience and should be considered common knowledge in the construction hardware industry. Correspondingly, the contents of these standards and these empirical values should also be applied to fittings that are not expressly regulated.
2. Specifically, the following standards apply:
 - EN 1906: General benchmarks for door fittings and accessories;
 - DIN 18273: Special rules for fire and smoke control doors;
 - DIN 18257: Minimum security requirements for security fittings.
3. The fitting system must be replaced if, despite maintenance and servicing, it can no longer be ensured that it will function properly, and/or it may pose a risk of injury.
4. Furthermore, the products are continuously being improved, and manufacturing is subject to quality assurance. The right to make technical changes is reserved.

§ 4 Product maintenance

1. The user must ensure that the fitting systems and fixing elements are installed in a proper functional manner.
2. Depending on the material and where they are used, the products will face a certain degree of natural wear and tear. Consequently, all moving parts must undergo maintenance at least once per year; i.e. the proper fit, stability of the screw connections etc. must be checked on a regular basis. Only water, gentle cleaning agents and other cleaning agents that do not contain corrosive ingredients should be used for cleaning the fitting systems.
3. Manufacturing primarily uses the materials nylon, aluminium, stainless steel and brass. Please note that each of these different materials has different maintenance and servicing requirements.

§ 5 Duty to inform and instruct

1. The following documents are available to provide information and instruction:
 - Catalogues and brochures;
 - Tender documents;
 - Procurement information;
 - Bid documents;
 - Installation and operating instructions;
 - DIN standards.
2. In order to ensure that the fitting systems function properly:
 - Architects, planners and any other people involved in the process are required to request all the necessary product information from us and to comply with said information,
 - Specialised retailers are required to observe the product information and notes in the price lists and catalogues and, in particular, to request all required instructions from us and to pass them on to the processors,
 - The processors are required to obtain all product information and to comply with it, and, in particular, to request the operating and maintenance instructions from us and pass them on to the customers and users.

Overall, all parties involved must ensure that the fitting systems are properly assembled and installed and that each end user receives proper instructions and explanations.

General information

ECO Schulte recommends

For lever handle sets without a return spring, we recommend using locks that comply with DIN 18251 - class 3 or higher

In order to minimise the clearance between the lever handle set and the lock, we recommend locks that comply with DIN 18251 with a clamping nut.

When ECO handles are properly installed and used, the paint should withstand daily use. Excessive contact with hard or sharp objects (such as key rings, rings etc.) can scratch the surface. This does not impair functionality, however.

Our Compendium presents a compilation of all the products in our range. These are each subject to different supply classes. Special models are often configured to specific customer wishes and sometimes require longer lead-times and minimum order quantities. Your contact will be happy to advise you.

ECO Schulte GmbH & Co. KG

Iserlohner Landstraße 89

D-58706 Menden

Telephone +49 2373 9276 - 0

Telefax +49 2373 9276 - 40

info@eco-schulte.de

www.eco-schulte.de

Our compendium represents a compilation of all products from our range of services. These are subject to different delivery classes. Special variants included are often manufactured to customer specifications and sometimes require longer delivery times and minimum purchase quantities. Further advise can be given by your contact person.

■ SYSTEM TECHNOLOGY FOR THE DOOR

