

Handle Technology

Latching on to things.



Comings and goings

The door handle (or door latch) is one of the most frequently used functional elements in the home: it's the very first object that people make contact with when they enter a building and it hardly ever comes to rest in busy places. But the door handle is much more than a mere functional element of household technology. A person's first physical perception of a house is made through the door handle – and as we all know, you only get one chance to leave a good first impression.



The tactile encounter with the handle is aesthetic and ergonomic at the same time. The first thing is "what the handle feels like" and this refers not only to its shape but also to its mechanical qualities when pressed. The high-quality bearings in the handle not only allow it to function for a long time, they also convey a feeling of quality. ECO Schulte underscores this by granting a five-year warranty on its handle range.

The ergonomic shape of the handle results mainly from its function. It must of course be possible to locate and operate it intuitively. A good grip and reliable power transfer have to be guaranteed, because considerable forces are required when opening a door if its form is to help prevent fingers from getting jammed or squeezed. In addition to this, a design that complies with standards also provides the highest possible level of functional security.

Users and handles

European Standard **EN 1906** defines the utilization classes for door handle and handle systems. These classes depend on the intensity of use and level of care exercised by the users. ECO Schulte only offers handle systems in utilization categories 3 and 4.

Utilization Categories:

Class 1:

Moderate utilization frequency by persons motivated to exercise great care and from whom there is a low risk of improper use. Typical areas of application: interior doors of residential buildings.



Class 2:

Moderate utilization frequency by persons motivated to exercise care but from whom there is a certain risk of improper use. Typical areas of application: interior doors of office buildings.



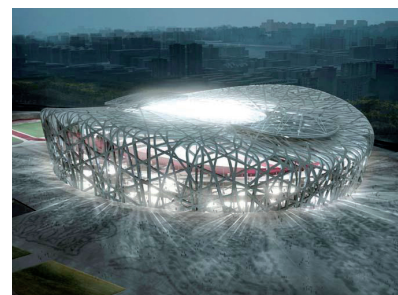
Class 3:

High utilization frequency by the general public or other persons with low motivation to exercise care and from whom there is a high risk of improper use. Typical areas of application: interior doors of office buildings open to the general public.



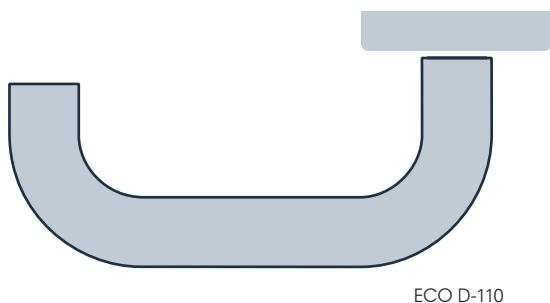
Class 4:

For use in doors that are frequently subjected to violence or damage. Typical areas of application are football stadia, barracks or public toilets.



Timeless forms and classics

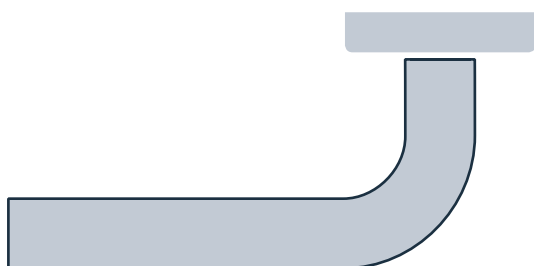
Even though door handles are subject to fashion trends, there are still a number of classics or even archetypes which can have an aesthetically striking effect on the first contact with a building. ECO Schulte focuses on timeless and functional classics in its product range. They are always available for profile frame doors too (OVR oval rosette handle) and as protective door handle sets. ECO Schulte also offers matching window handles.



ECO D-110

ECO D-100 Archetype: U-shaped handle

A classic with value added: the advantage of the u-shaped handle lies in the second 90 degree bend. It was used traditionally to prevent people or material from getting "threaded on". The rear bend helps to prevent shopping bags or coat sleeves from getting caught in the handle. The u-shaped handle also has comfort qualities, because the rear turn supports the ball of the hand when opening the door. ECO Schulte has the u-shaped handle in its product range as factory design draft D-110.



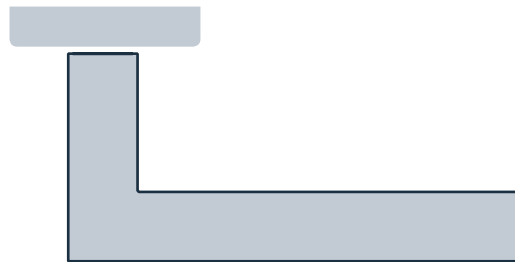
ECO D-210

ECO D-200 Archetype: Frankfurt standard L-shape handle

In their efforts to lower house construction prices and rents in the 1920s, many architects became involved with the standardization of construction components. The ECO D-200 is a variation of the draft that once made a name for itself as the Frankfurt standard handle where a round rod was bent to 90 degrees and positioned on a simple rosette. All of the Frankfurt versions are based on the idea of the right angle. ECO Schulte has included the Frankfurt standard handle in its product range in a high-quality modern interpretation as factory design draft D-210.

ECO D-300 Archetype: Frankfurt mitred handle

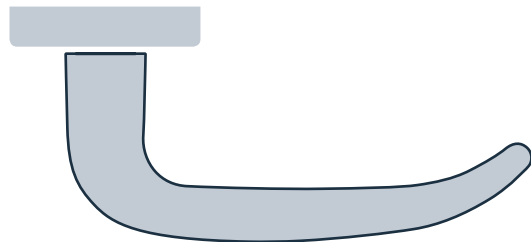
The ECO D-300 is a variation of a geometric handle draft design from the 1920s which stands out through the legible simplicity of the construction: a circular tube is separated with a mitred cut before the two halves are joined together again at right angles. This handle was given the attribute "Frankfurt" not only through its close geometric relationship with the Frankfurt standard handle but also because it was used when the Frankfurt Architecture Museum was built. ECO Schulte has included its interpretation of the Frankfurt mitred handle in its product range as factory design draft D-310.



ECO D-310

ECO D-400 Archetype: Ulm handle

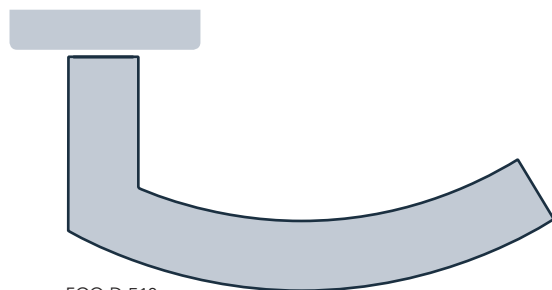
Made for getting to grips with! The archetype of this u-shaped handle was named after the Ulm School of Design where it was first used in the 1950s. The draft was based at the time on the door handles of the trains run by the Swiss railway. ECO Schulte reworked the Ulm handle with its own factory design version D-400.



ECO D-410

ECO D-500 Archetype: Hand-shape handle

As far as the typology is concerned, this handle constitutes a connection between the Frankfurt mitred handle and the Ulm handle. The design of this factory design draft D-500 is discreet, easy to grip and orientated towards the direction of movement.



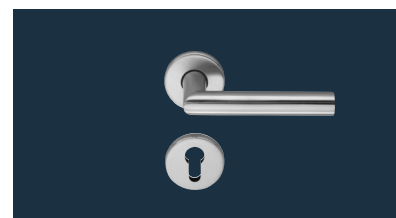
ECO D-510

Handles in all versions

Where form is concerned, ECO Schulte deliberately focuses its handle solutions on classic designs while ensuring at the same time that all areas of application can be served with the solutions on offer, from protective handles to window handles.

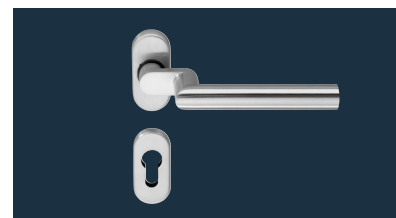
Rosette handles

The classic for apartment doors is the two-piece rosette handle which is available with a handle or a round or flat knob. The rosette that goes with it comes in warded lock, oval hole or profile cylinder versions.



Oval rosette handles

Oval rosettes are used on profile frame doors made of steel, plastic or aluminium. They permit the mounting of the handle onto narrow frame profiles which conceal the risk of hand injuries, which is why the use of offset handles is recommended.



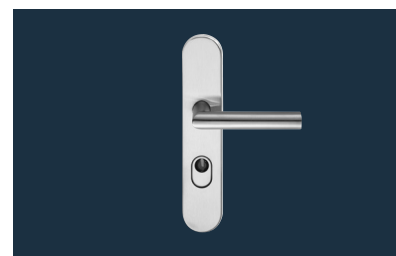
Long and short plate handles

With long and short plate handles, the handle and keyhole are covered by a single continuous plate. This combination provides additional hold for the handle on the door and additional screw attachment options. This makes these handles suitable for high levels of wear and tear, such as in schools.



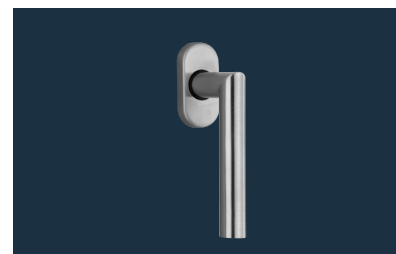
Protective handles

Protective handles on exterior doors provide the prerequisites for break-in security. They are bolted through the door, thus providing good break-in protection. The standard **DIN 18257** splits protective handles into resistance classes from ES 0 to ES 3, whereby ES 3 covers protective handles which are extremely resistant to break-ins. Available with an optional cylinder protection system.



Window handles

ECO Schulte offers a range of window handles to match its programme of classical door handles. This guarantees that houses and apartments can be fitted out in a uniform form language in high-grade stainless steel with a satin surface.



Three materials on offer

The choice of the handle material is not only a question of aesthetics. Different materials are available, depending on hygiene requirements and the place and intensity of use.

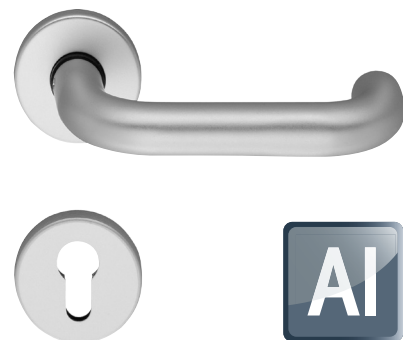
High-grade stainless steel handles

Stainless steel handles from ECO are distinguished by their wear resistance and insensitive surface. Even when used intensively, stainless steel shows hardly any dents or scratches and is therefore recommended as the ideal material on frequently used doors (e.g. in public buildings, gastronomy businesses and sports facilities). Stainless steel handles are corrosion resistant, which makes them very well suited for outdoor areas. They do not require much care and are distinguished by their durability. Stainless steel is a hygienic material which can be disinfected and which inhibits the transfer of bacteria thanks to its smooth, non-porous surface, and this makes it very well suited for use in hospitals and medical and nursing practices.



Aluminium handles

The ECO light alloy handle programme is distinguished by the quality of its surfaces. Because they are anodized, they are easy-care, lightfast and weather-proof. The advantages of the material lie in its low weight and outstanding malleability which open up virtually unlimited design possibilities. The typical ECO surface is additionally condensed through a sand-blasting process, thus giving it a particularly high level of toughness and durability.



Nylon handles

Used as basics, ECO handles made of high-quality nylon offer the option of setting colourful accents in architecture. A steel core is covered with polyamide, thus combining a pleasant feel with toughness and durability. ECO nylon handles are wearproof, colour and lightfast. The surfaces are harmless from a health and hygiene point of view, not susceptible to electrostatic charging and dimensionally stable in hot and cold temperatures. ECO shows a preference for clear forms in the plastic range too and offers a wide range of handles and accessories in addition to the door handles.



Good, better, best: Quality bearings with a system

Because people don't always treat doors gently, we have developed three different bearing technologies - all the way up to the high-class OKL version - to take this fact into account in all situations. ECO Schulte grants a five-year warranty on all handle products. And ECO Schulte doesn't make any compromises either where utilization categories are concerned. Our range consists exclusively of handle systems which comply with user categories 3 and 4, as defined by the standard.

OKL - Premium handles with ball-bearing technology



OKL Bearings

Industrial ball bearings are characteristic for these high-quality handles. A precise and maintenance-free, fully encapsulated grooved ball bearing ensures the well-balanced, play-free bearing mounting of the handle.

Free Movement

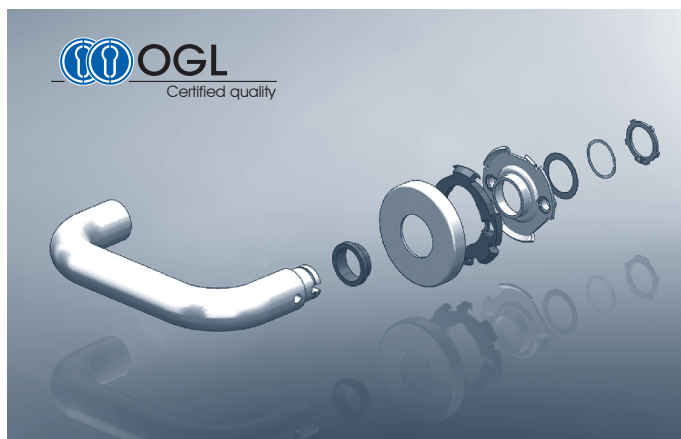
The movement of the handle is well adjusted and has a top-quality feeling to it. An integrated return torsion spring supports the lock's reset mechanism. A wave spring washer equalizes the axial play of the bearing.

Reliable Assembly

The screw attachments are covered by the cover rosette which is firmly connected to the base rosette once the handle has been bolted on. With ECO Schulte handles, the handle and rosette always form a solid unit. The stainless steel base rosette with support cams is firmly connected to the door with self-retaining screws. The door/handle connection is protected against turning out of position. Furthermore, it is fixed axially. This means that there is no accidental risk due to the loosening of the locking screws and detachment of the handle from the pinion square. The stainless steel handle hub is firmly welded to the stainless steel tube of the handle. The result of this technique is that the tested permanent load bearing capacity exceeds the requirements of the norm by the factor ten.

Quality/Standard

OKL handles have been subjected to more than two million test cycles by independent test institutes without any failures. They are certified in accordance with **EN 1906**, class 4 and have fire protection certification in line with **DIN 18273**.

OGL - Handles with friction bearing technology

OGL Bearings

The maintenance-free plastic friction bearing is characteristic of these high-quality handles. The highly stable friction bearing floats in the base steel rosette and compensates the axial and radial forces. A wave washer spring compensates the angle tolerances between the pin and the support bracket of the base rosette.

Reliable Assembly

The screw attachments are concealed by the cover rosette which is firmly connected to the base rosette once the handle has been bolted on. With ECO Schulte handles, the handle and rosette always form a solid unit. The stainless steel base rosette with support cams is firmly connected to the door with self-retaining screws. The door/handle connection is protected against skewing on a fixed axle. This means that there is no accident risk due to the loosening of the locking screws and detachment of the handle from the pinion square. The stainless steel handle hub is firmly welded to the stainless steel tube of the handle and set to a torsional strength of 75 Nm.

Quality/Standard

OGL handles have been subjected to more than 200,000 user cycles by independent test institutes without any failures. They are certified in accordance with **EN 1906**, class 4 and have fire protection certification in line with **DIN 18273**.

SGL - Standard handles with friction bearing technology

SGL Bearings

The base rosette made of reinforced plastic guides the axial movement of the handle. A wave washer spring compensates the angle tolerances between the pin and the support bracket of the base rosette.

Reliable Assembly

The screw attachments are concealed by the cover rosette which is firmly connected to the base rosette once the handle has been bolted on. With ECO Schulte handles, the handle and rosette always form a solid unit. The base rosette with support cams is firmly connected to the door with self-retaining screws. The door/handle connection is protected against skewing on a fixed axle. This means that there is no accident risk due to the loosening of the locking screws and detachment of the handle from the pinion square. The stainless steel handle hub is firmly welded to the stainless steel tube of the handle and set to a torsional strength of 75 Nm.

Quality/Standard

SGL handles have been subjected to more than 200,000 user cycles by independent test institutes without any failures. They are certified in accordance with **EN 1906**, class 3.

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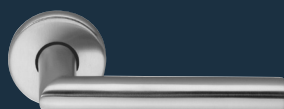
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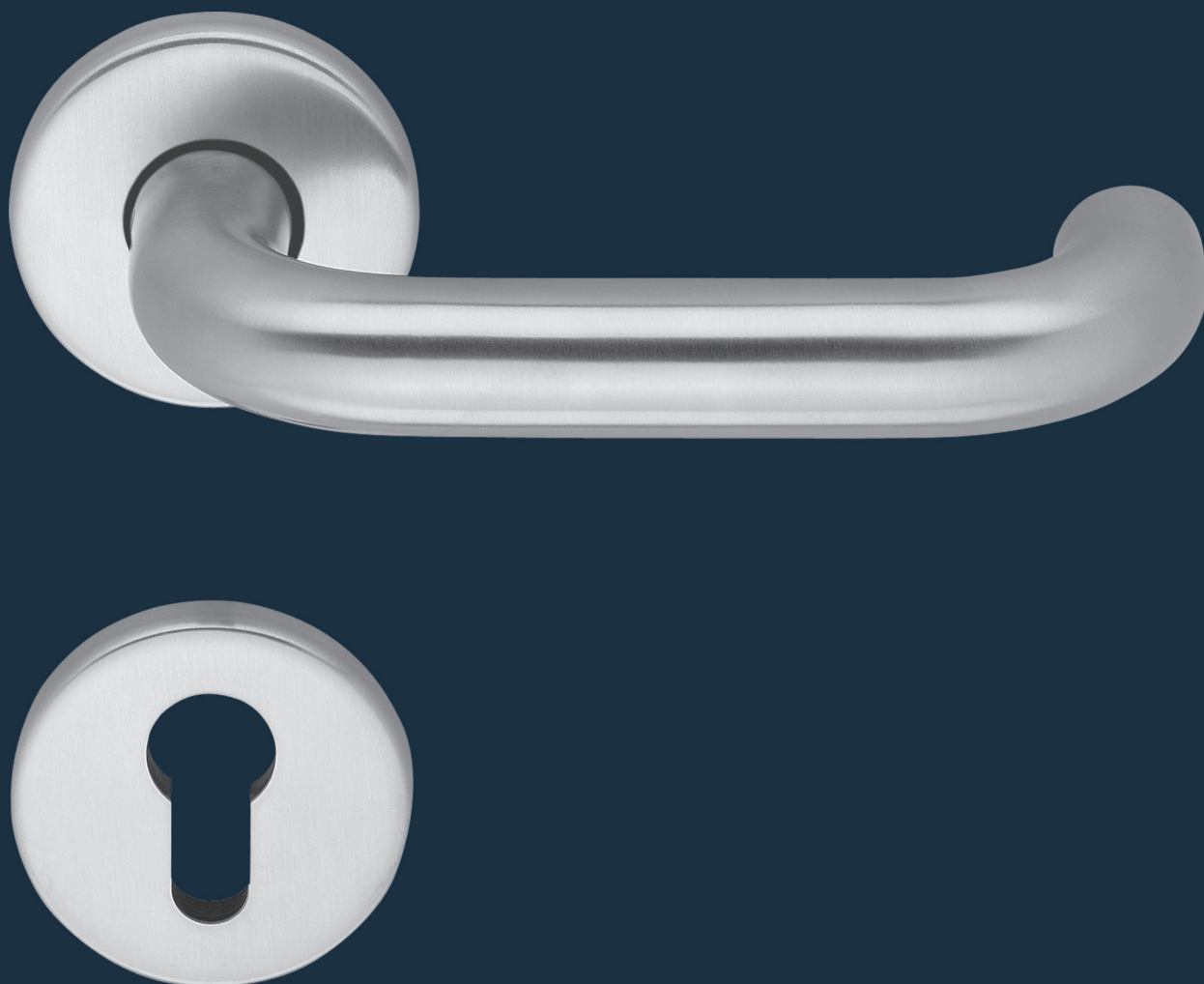
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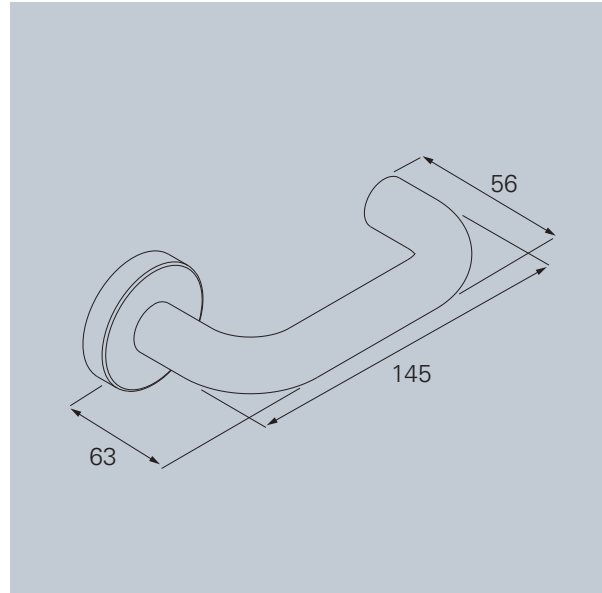
ECO D-110



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium



Nylon

PRODUCT FAMILY D-100

Standard handle



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Handle on plate



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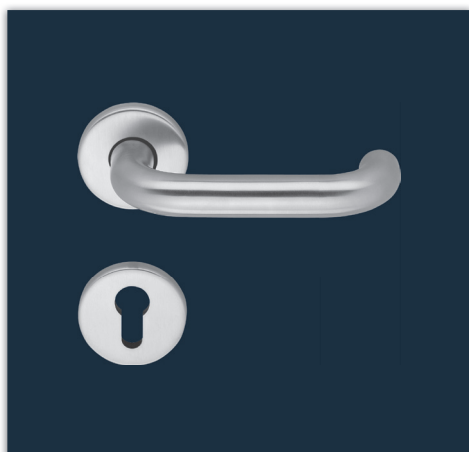
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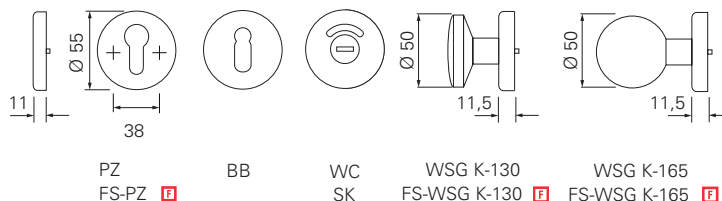
D-110 Round rose handle



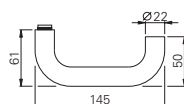
D-110 Round rose handle with OKL – ball-bearing technology

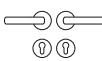
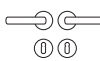
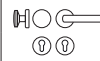

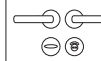


Lever guidance consists of a closed, maintenance-free ball bearing. Fixable bearing with restoring spring, DIN left / DIN right useable. Stainless steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OKL – ROUND ROSE HANDLE



			Kit sets				
	Ø	▣					
	22 mm	8 mm	153005.46	153000.46	153015.46	153016.46	153020.46
	22 mm	9 mm	353005.46		353015.46	353018.46	

Finish: stainless steel matt. PVD and polished on request.

ROUND ROSE HANDLE · D-110

D-110 Long plate handle (L)

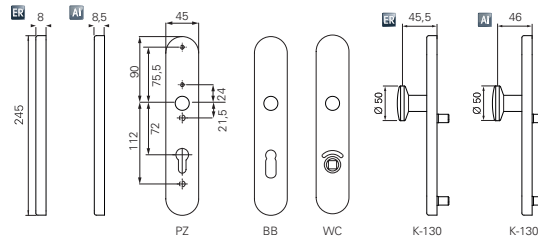


D-110 Long plate handle (L) with OKL – ball-bearing technology

The lever is clenched inside the inner ring of the ball-bearing. The outer ring of the ball-bearing is fixed into the base construction. This connection guarantees an additional lasting of the lever sets on the door leaves and is known for high capacity in axial and radial direction.

User category: class 4

PZ 92 on request



OKL – LONG PLATE HANDLE







EN 1906

EN 179

F



Kit sets

	Ø	▧				
S	22 mm	8 mm	1k6505.46	1k6500.46	1k6515.46	1k6520.46
F	22 mm	9 mm	3k6505.46		3k6515.46	

Finish: Stainless steel matt.







EN 1906

EN 179

F

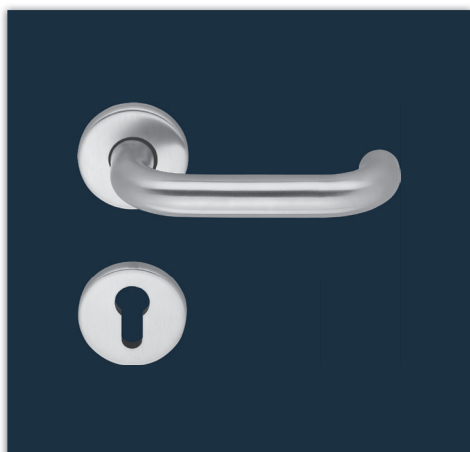


Kit sets

	Ø	▧				
S	22 mm	8 mm	1k7505.30	1k7500.30	1k7515.30	1k7520.30
F	22 mm	9 mm	3k7505.30		3k7515.30	

Finish: Aluminium anodised, further colours on request.

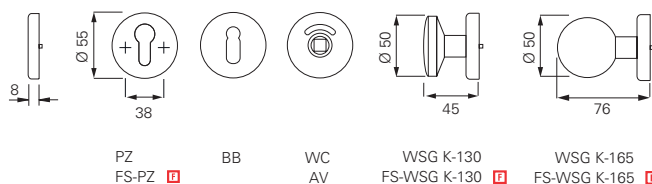
D-110 Round rose handle



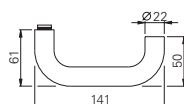
D-110 Round rose handle with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OGL – ROUND ROSE HANDLE














EN 1906

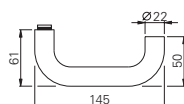
EN 179

F



			Kit sets						Passive leaf	
	Ø	□								
	21 mm	8 mm		156505.46	156500.46	156510.46	156580.46	156520.46		
	21 mm	9 mm	356181.46	356100.46		356200.46	356270.46		356105.46	356318.46
	21 mm	9 mm		356150.46						

Finish: Stainless steel matt. PVD and polished on request.














EN 1906

EN 179

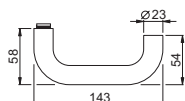
F



			Kit sets						Passive leaf	
	Ø	□								
	22 mm	8 mm		157505.30	157500.30	157510.30	157520.30			
	22 mm	9 mm	317230.30	357100.30		357200.30		357104.30	357318.30	357317.30
	22 mm	9 mm		357150.30						

Finish: Aluminium anodised, further colours on request.



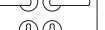





OGL – ROUND ROSE HANDLE



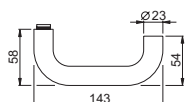
EN 1906

EN 179

F

				Kit sets					Passive leaf	FS-Knob
	Ø	▧								
S	23 mm	8 mm		154655	154650	154660	154670			
F	23 mm	9 mm	114300	354100		354200		354105	354317	361160
A	23 mm	9 mm		354150						






Material: Nylon PA · Finish shiny

Note: lever with steel core. Corresponding drilling template available, art.no: 930317
 Black
 Dark grey
 White
 Red
 Blue
Further colours on request


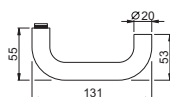
EN 1906





EN 179

F

				Kit sets			Passive leaf
	Ø	▧					
F	23 mm	9 mm		354600.02	354700.02	354604.02	354617.02

Material: Nylon · PPN black

Note: lever with steel core. User category class 3. Corresponding drilling template available, art.no: 930317


				Kit sets		
	Ø	▧				
S	20 mm	8 mm		150651	150660	150670

Material: nylon Finish: shiny

Note: nylon base with positioning studs. Lever with steel core. Rose diameter 52 mm. Delivery with 7 mm spindle or 8,5 mm spindle on request. Lever with steel core. User category class 3. Corresponding drilling template available, art.no: 930317
 Black
 Dark grey
 White
 Red
 Blue
Further colours on request

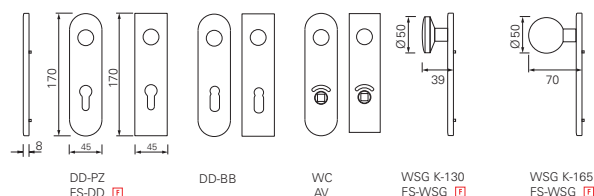
D-110 Short plate handle (K)



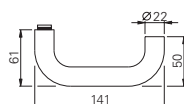
D-110 Short plate handle (K) with OGL– friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OGL - SHORT PLATE HANDLE (K)











EN 1906

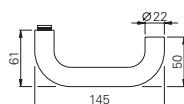
EN 179

F



			Kit sets						Passive leaf	
	Ø	▧								
S	21 mm	8 mm		106505.46	106500.46	106510.46	106560.46	106520.46		
F	21 mm	9 mm	306081.46	306100.46		306200.46	306263.46		306125.46	306317.46
EN	21 mm	9 mm		306150.46						

Finish: Stainless steel matt. PVD and polished on request.











EN 1906

EN 179

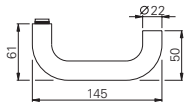
F



			Kit sets						Passive leaf	
	Ø	▧								
S	22 mm	8 mm			107505.30	107500.30	107510.30	107520.30		
F	22 mm	9 mm	307081.30	307083.30	307100.30		307200.30		307104.30	307317.30
EN	22 mm	9 mm			307150.30					

Finish: Aluminium anodised, further colours on request.

OGL - SHORT PLATE HANDLE (K)











EN 1906

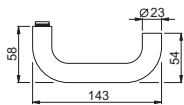
EN 179

F



	Ø	∇	Kit sets						Passive leaf	
										
S	22 mm	8 mm			147505.30	147500.30	147510.30	147520.30		
F	22 mm	9 mm	347081.30	347083.30	347100.30		347200.30		347125.30	347318.30
A	22 mm	9 mm			347150.30					

Finish: Aluminium anodised, further colours on request.











EN 1906

EN 179

F

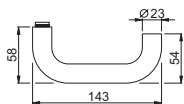


	Ø	∇	Kit sets				Passive leaf		Fire-proof knob K-130 on plate	
										
F	23 mm	9 mm			319601.02	319701.02	319603.02	319605.02	319604.02	324276.02
A	23 mm	9 mm	319601.02	319603.02	319602.02					120473.02

Material: Nylon PPN black Finish: matt

Lever guidance deep-drawn 6 mm. Lever with steel core. User category class 3.

Corresponding drilling template available, art.no: 930317











EN 1906

EN 179

F



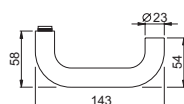
	Ø	∇	Kit sets				Passive leaf		Fire-proof knob K-130 on plate	
										
F	23 mm	9 mm	313600.02	313808.02	313600.02	313700.02	313601.02	313618.02	313617.02	333750.02
A	23 mm	9 mm			313650.02					324022.03

Material: Nylon black Finish: matt with polished edge

Lever guidance deep-drawn 6 mm. Lever with steel core. User category class 3.

Corresponding drilling template available, art.no: 930317

OGL - SHORT PLATE HANDLE (K)












EN 1906

EN 179

F



			Kit sets					Passive leaf	FS handle on plate	
	Ø	□								
S	23 mm	8 mm	104505	104500	104510	104520				
F	23 mm	9 mm	304100		304200		304108	304317	324040	324042
	23 mm	9 mm	304150							

Material: Nylon PPN black Finish: matt

Lever guidance deep-drawn 6 mm. Lever with steel core. User category class 3.

Corresponding drilling template available, art.no: 930317.



Black



Dark grey



White

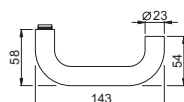


Red



Blue

Further colours on request












EN 1906

EN 179

F



			FS counter handle		FS handle on plate		Kit sets			Passive leaf
	Ø	□								
F	23 mm	9 mm	304600.02	314201.02	344034.02	324033.02	304600.02	304700.02	304601.02	304617.02
	23 mm	9 mm					304650.02			

Material: Nylon black Finish: shiny

Note: lever guidance deep-drawn 6 mm. Lever with steel core. Corresponding drilling template available, art.no: 930317

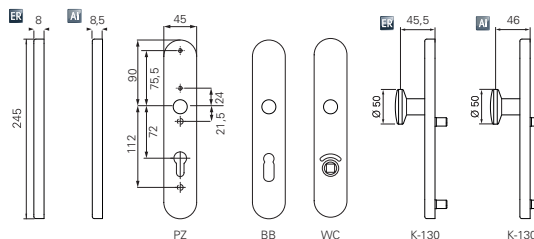
D-110 Long plate handle (L)



D-110 Long plate handle (L) with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4, PZ 92 on request



OGL – LONG PLATE HANDLE (L)



EN 1906

EN 179

F



Kit sets

	Ø	▧				
S	22 mm	8 mm	1g6505.46	1g6500.46	1g6515.46	1g6520.46
F	22 mm	9 mm	3g6505.46		3g6515.46	

Finish: Stainless steel matt



EN 1906

EN 179

F

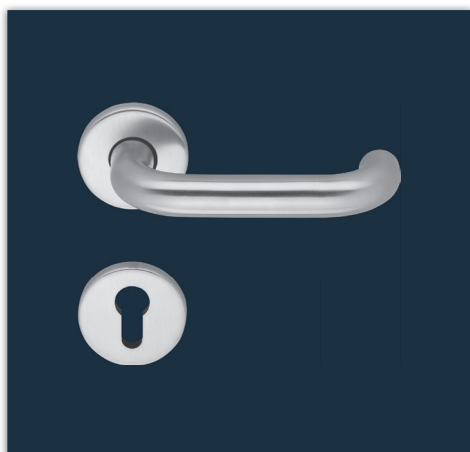


Kit sets

	Ø	▧				
S	22 mm	8 mm	1g7505.30	1g7500.30	1g7515.30	1g7520.30
F	22 mm	9 mm	3g7505.30		3g7515.30	

Finish: Aluminium anodised, further colours on request.

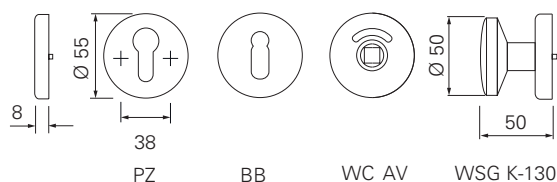
D-110 Round rose handle



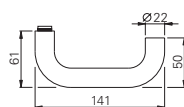
D-110 Round rose handle with SGL – Standard handles with friction bearing technology

Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs. DIN left / DIN right useable. Concealed, continuous screw connection.

User category: class 3



SGL – ROUND ROSE HANDLE

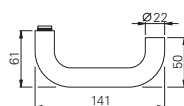


EN 1906



Kit sets				
	Ø	□	⊕ ⊖	⊕ ⊖
S	21 mm	8 mm	152505.46	152500.46
			152515.46	152520.46

Finish: Stainless steel matt. PVD and polished on request.



EN 1906



Kit sets				
	Ø	□	⊕ ⊖	⊕ ⊖
S	21 mm	8 mm	152505.30	152500.30
			152515.30	152520.30

Finish: Aluminium anodised, further colours on request.



ECO D-100

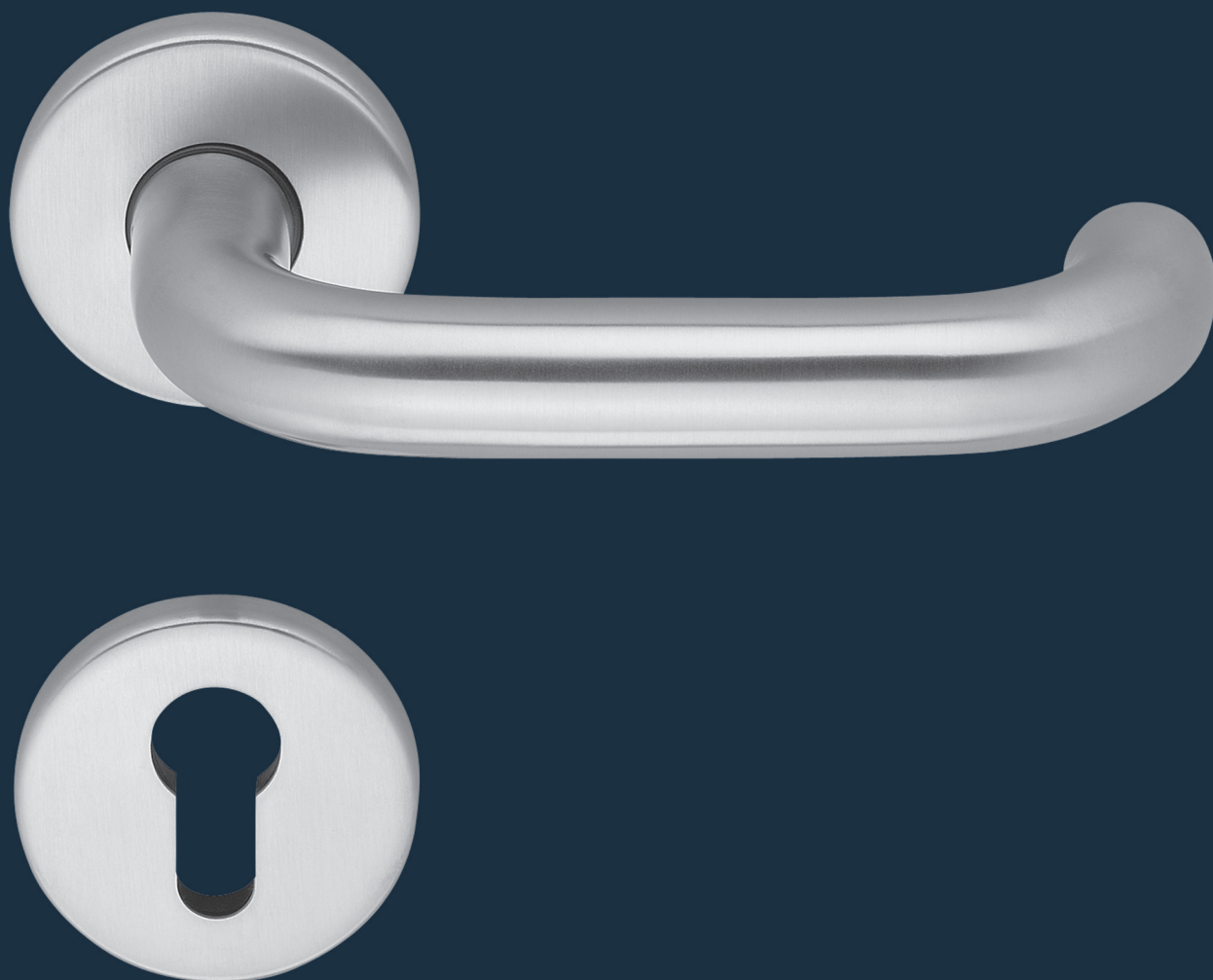
The U-shaped handle

A classic with value added: the advantage of the U-shaped handle lies in the second 90 degree bend. It was used traditionally to prevent people or material from getting "threaded on". The rear bend helps to prevent shopping bags or coat sleeves from getting caught in the handle.


The U-shaped handle also has comfort qualities, because the rear turn supports the ball of the hand when opening the door.

ECO Schulte has the U-shaped handle in its product range as factory design draft D-110

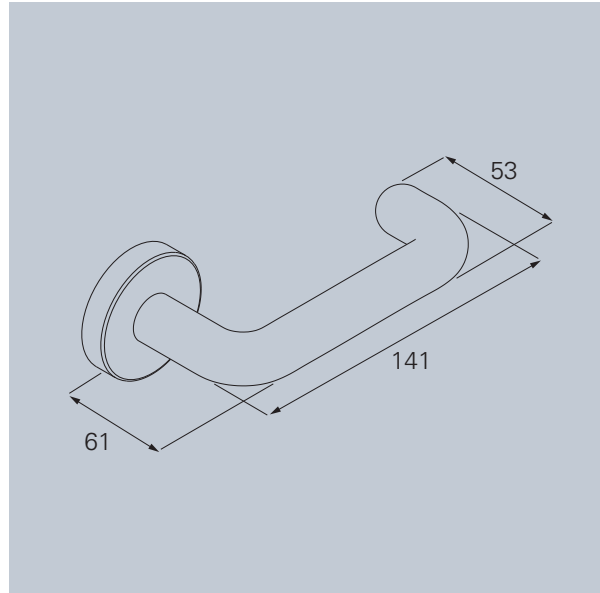
ECO D-120



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel

PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 198



D-120 . Page 210



D-190 . Page 216



D-110 . Page 201, 207



D-110 . Page 204

Oval rose handle

Security handle

Window handle



D-115 . Page 264



D-116 . Page 268



D-110 . Page 298



D-111 . Page 308

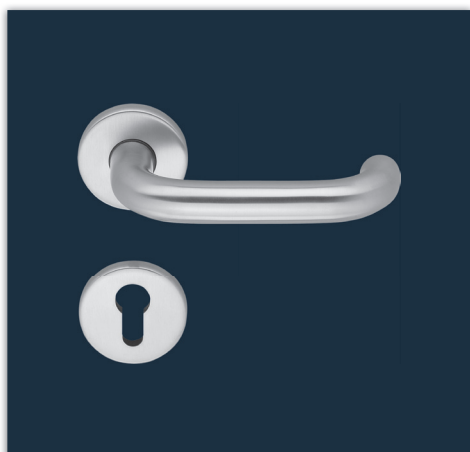


D-116 . Page 320



F-110 . Page 328

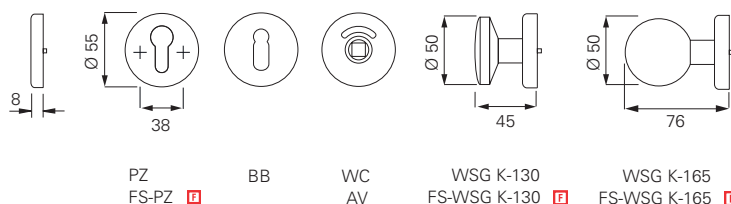
D-120 Round rose handle



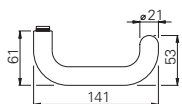
D-120 Round rose handle with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4

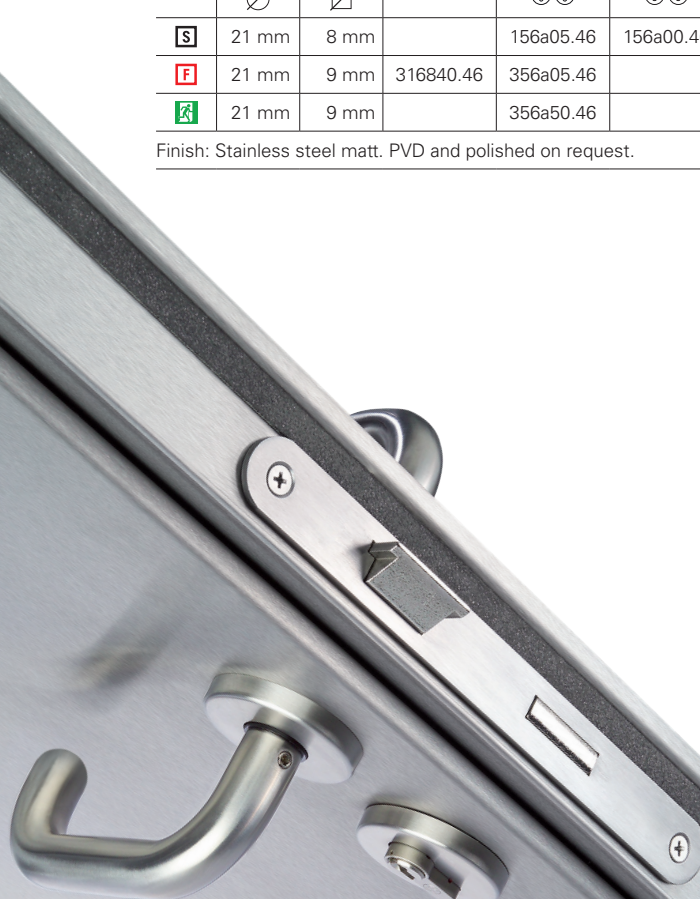


OGL – ROUND ROSE HANDLE



			Kit sets						Passive leaf	
	Ø	▧								
S	21 mm	8 mm		156a05.46	156a00.46	156a10.46	156a80.46	156a20.46		
F	21 mm	9 mm	316840.46	356a05.46		356a60.46	356a82.46		356a25.46	356a18.46
	21 mm	9 mm		356a50.46						

Finish: Stainless steel matt. PVD and polished on request.



ROUND ROSE HANDLE · D-120

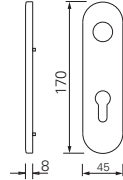
D-120 Short plate handle (K)



D-120 Short plate handle (K) with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continous screw connection.

User category: class 4



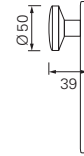
DD-PZ
FS-DD 




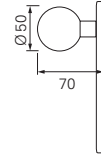
DD-BB




WC
AV

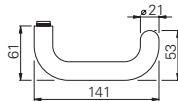














WSG K-130
FS-WSG 



WSG K-130
FS-WSG 

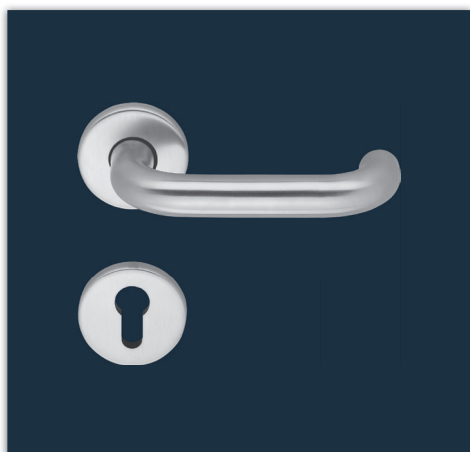
OGL – SHORT PLATE HANDLE (K)



			Kit sets							Passive leaf	
	Ø	▣									
	21 mm	8 mm		106a05.46	106a00.46	106a10.46	106a60.46	106a20.46			
	21 mm	9 mm	306a81.46	306a00.46		306a60.46	306a63.46		306a25.46	306a18.46	306a17.46
	21 mm	9 mm		306a50.46							

Finish: Stainless steel matt. PVD and polished on request.

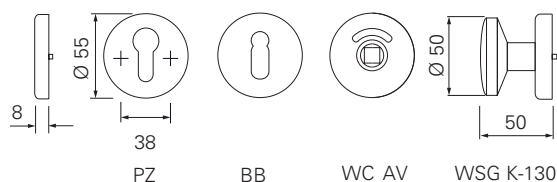
D-120 Round rose handle



D-120 Round rose handle with SGL – Standard handles with friction bearing technology

Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs. DIN left / DIN right useable. Concealed, continuous screw connection.









User category: class 3



SGL – ROUND ROSE HANDLE



EN 1906

		Kit sets			
					
					
		21 mm	8 mm	152506.46	152501.46
		21 mm	8 mm	152516.46	152521.46

Finish: Stainless steel matt. PVD and polished on request.

CentrO, Oberhausen,
Germany

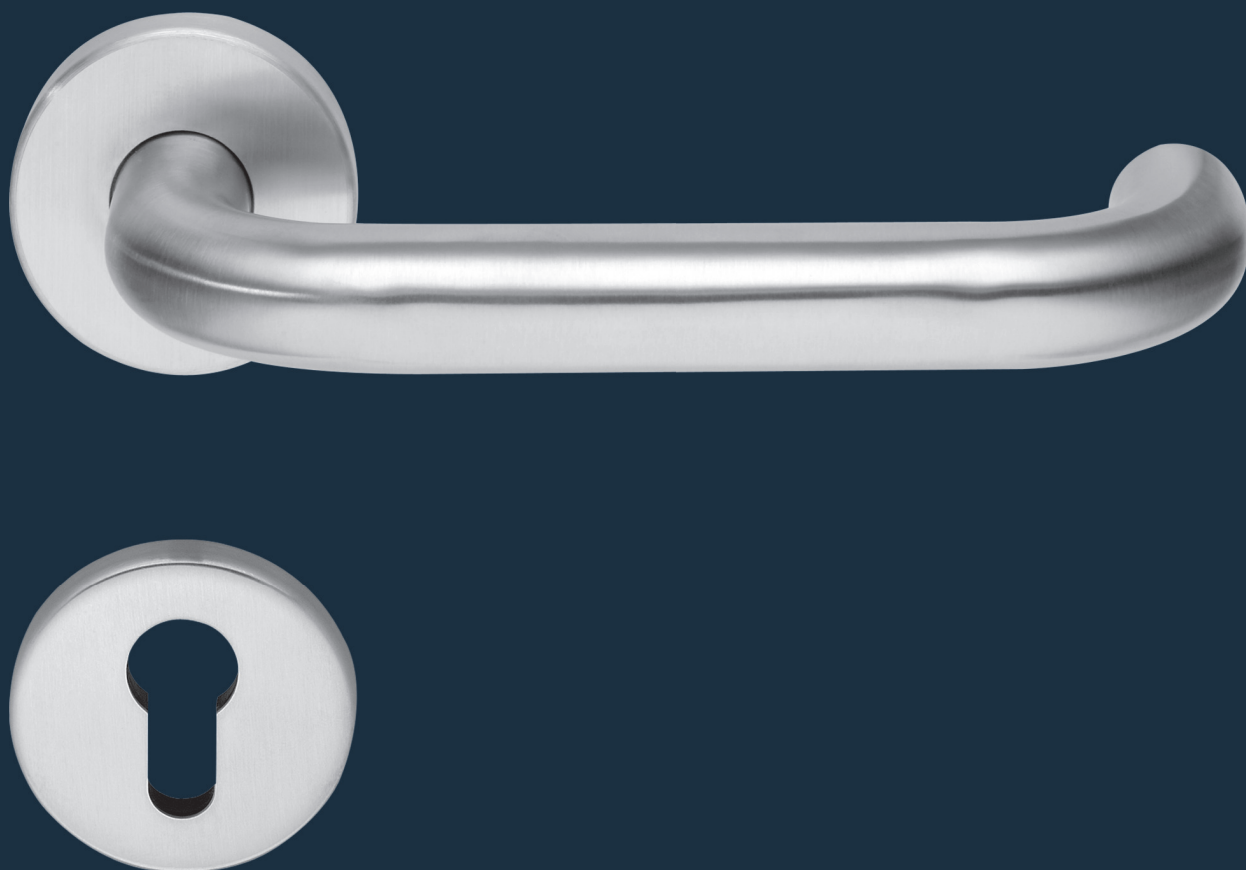


ECO handle technology Timeless forms

Even though door handles are subject to fashion trends, there are still a number of classics or even archetypes which can have an aesthetically striking effect on the first contact with a building.

ECO Schulte focuses on timeless and functional classics in its product range. They are always available for profile frame doors too (OVR oval rosette handle) and as protective door handle sets. ECO Schulte also offers matching window handles.

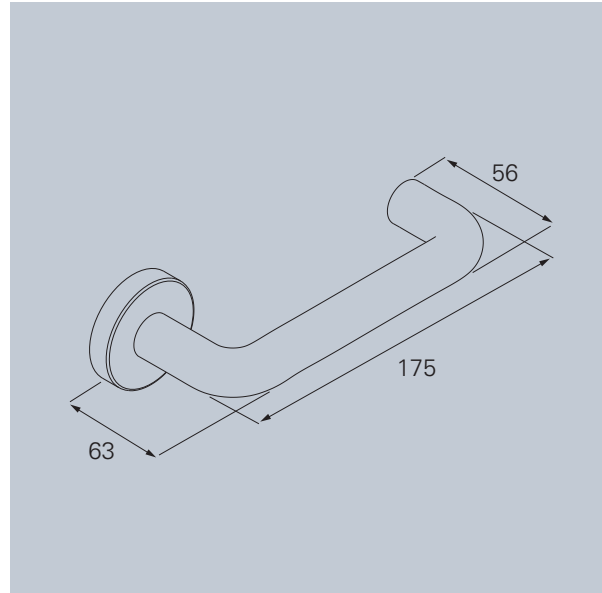
ECO D-190



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 198



D-120 . Page 210



D-190 . Page 216



D-110 . Page 201, 207



D-110 . Page 204

Oval rose handle

Security handle

Window handle



D-115 . Page 264



D-116 . Page 268



D-110 . Page 298



D-111 . Page 308

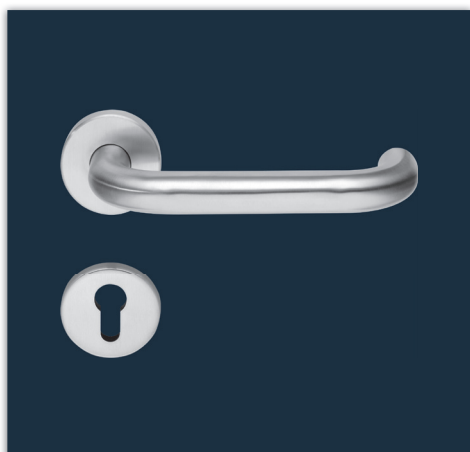


D-116 . Page 320



F-110 . Page 328

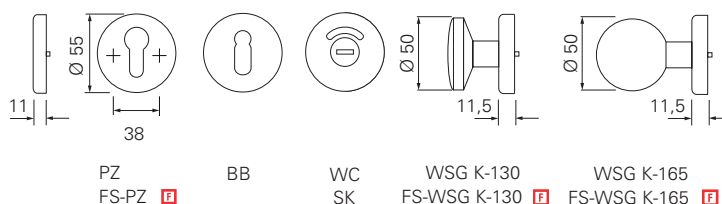
D-190 Round rose handle



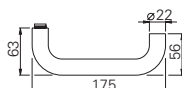
D-190 Round rose handle with OKL – ball-bearing technology

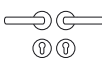
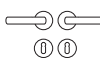
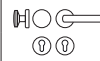

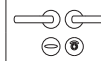
Lever guidance consists of a closed, maintenance-free ball bearing. Fixable bearing with restoring spring, DIN left / DIN right useable. Stainless steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OKL - ROUND ROSE HANDLE



			Kit sets				
	Ø	□					
S	22 mm	8 mm	153805.46	153800.46	153815.46	153816.46	153820.46
F	22 mm	9 mm	353805.46		353815.46	353818.46	

Finish: Stainless steel matt. PVD and polished on request.



ECO D-100

Extra long U-shaped handle

A classic with value added: the advantage of the U-shaped handle lies in the second 90 degree bend. It was used traditionally to prevent people or material from getting "threaded on". The rear bend helps to prevent shopping bags or coat sleeves from getting caught in the handle.

The U-shaped handle also has comfort qualities, because the rear turn supports the ball of the hand when opening the door.

ECO Schulte has the U-shaped handle in its product range as factory design draft D-190.

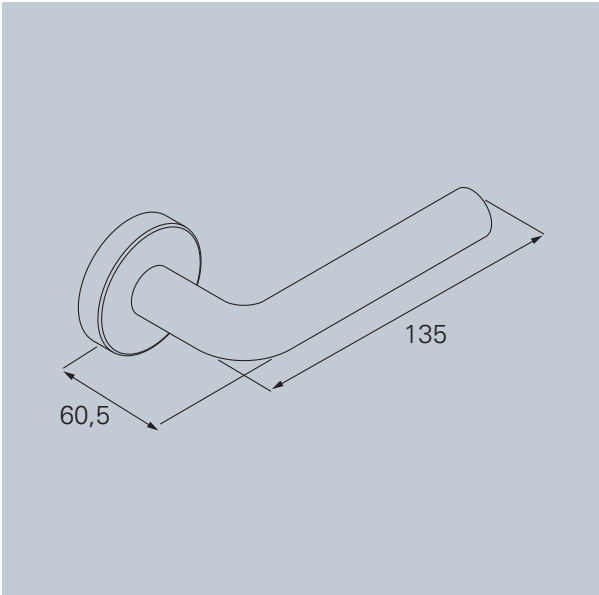
ECO D-210



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	
Lever form for escape doors and emergency exits	-
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium

PRODUCT FAMILY D-200

Standard handle



D-210 · Page 220

Handle on plate



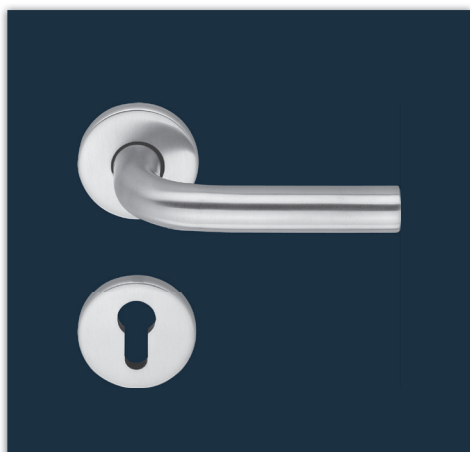
D-210 · Page 223

Window handle



F-210 · Page 328

D-210 Round rose handle

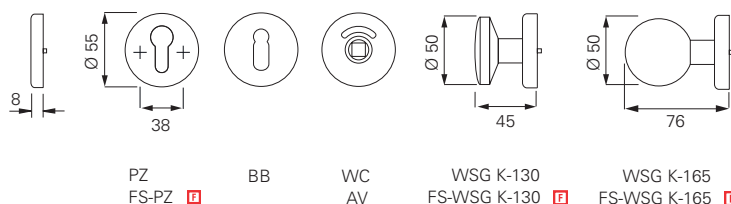


D-210 Round rose handle with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4

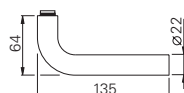


OGL – ROUND ROSE HANDLE



			Kit sets							Passive leaf	
	Ø	▧									
S	21 mm	8 mm		156605.46	156600.46	156610.46	156680.46	156620.46			
F	21 mm	9 mm	316811.46	356600.46		356660.46	356682.46		356605.46	356618.46	356617.46

Finish: Stainless steel matt. PVD and polished on request.



			Kit sets					Passive leaf	
	Ø	▧							
S	22 mm	8 mm		157605.30	157600.30	157610.30	157620.30		
F	22 mm	9 mm	317224.30	357600.30		357660.30		357604.30	357618.30

Finish: Aluminium anodised, further colours on request.

D-210 Short plate handle (K)

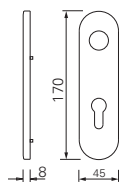


D-210 Short plate handle (K) with OGL – friction bearing technology

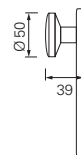
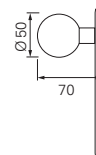
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

Bore diameter of Ø 23 mm at the lever collar necessary.

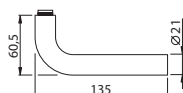
User category: class 4











DD-PZ
FS-DD **F**


DD-BB

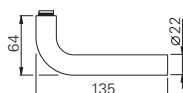

WC
AV

WSG K-130
FS-WSG **F**

WSG K-130
FS-WSG **F**










OGL – SHORT PLATE HANDLE (K)


EN 1906 **F**

			Kit sets							Passive leaf	
	Ø	□									
S	21 mm	8 mm		106605.46	106600.46	106610.46	106660.46	106620.46			
F	21 mm	9 mm	306681.46	306600.46		306660.46	306663.46		306625.46	306618.46	306617.48

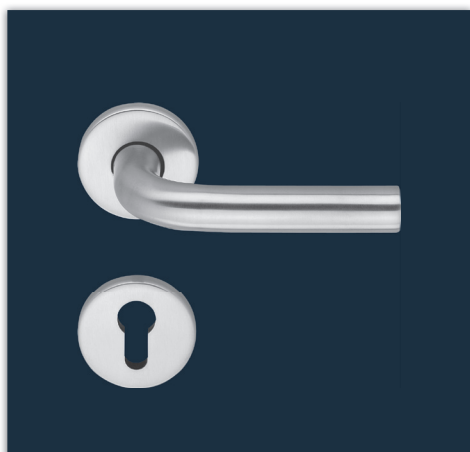
Finish: Stainless steel matt. PVD and polished on request.


EN 1906 **F**

			Kit sets							Passive leaf	
	Ø	□									
S	22 mm	8 mm			107605.30	107600.30	107610.30	107620.30			
F	22 mm	9 mm	307683.30	307683.30	307600.30		307660.30		307605.30	307618.30	307617.30

Finish: Aluminium anodised, further colours on request.

D-210 Round rose handle



D-210 Round rose handle

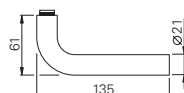
with SGL – standard handles with friction bearing technology

Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs. DIN left / DIN right useable. Concealed, continuous screw connection.

User category: class 3











SGL – ROUND ROSE HANDLE

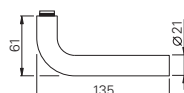


EN 1906










			Kit sets			
						
	21 mm	8 mm	152605.46	152600.46	152615.46	152620.46

Finish: Stainless steel matt. PVD and polished on request.



EN 1906



			Kit sets			
						
	21 mm	8 mm	152605.30	152600.30	152615.30	152620.30

Finish: Aluminium anodised, further colours on request.



ECO D-200

Frankfurt standard L-shaped handle

In their efforts to lower house construction prices and rents in the 1920s, many architects became involved with the standardization of construction components. The ECO D-200 is a variation of the draft that once made a name for itself as the Frankfurt standard handle where a round rod was bent to 90 degrees and positioned on a simple rosette. All of the Frankfurt versions are based on the idea of the right angle.

ECO Schulte has included the Frankfurt standard handle in its product range in a high-quality modern interpretation as factory design draft D-210.

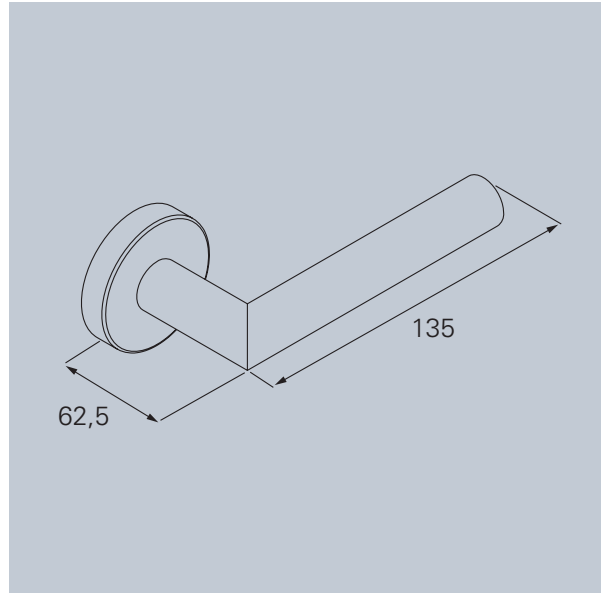
ECO D-310



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	
Lever form for escape doors and emergency exits	-
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium

PRODUCT FAMILY D-300

Standard fitting



D-310 . Page 226



D-330 . Page 236

Handle on plate



D-310 . Page 229, 233

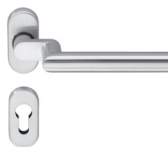


D-310 . Page 231

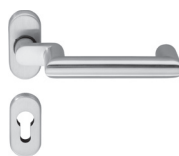
Oval rose handle



D-310 . Page 272



D-315 . Page 276



D-335 . Page 280

Security handle



D-310 . Page 312



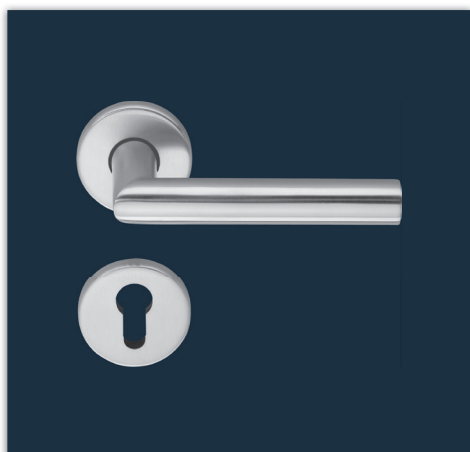
D-315 . Page 324

Window handle



F-310 . Page 328

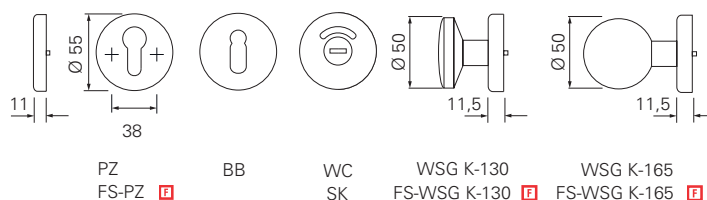
D-310 Round rose handle



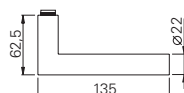
D-310 Round rose handle with OKL – ball-bearing technology






Lever guidance consists of a closed, maintenance-free ball bearing. Fixable bearing with restoring spring, DIN left / DIN right useable. Stainless steel base with positioning studs. Concealed, continuous screw connection.

Utilization categories: class 4



OKL - ROUND ROSE HANDLE



			Kit sets				
	Ø	□					
S	22 mm	8 mm	153205.46	153200.46	153215.46	153216.46	153220.46
F	22 mm	9 mm	353205.46		353215.46	353218.46	

Finish: Stainless steel matt. PVD and polished on request.

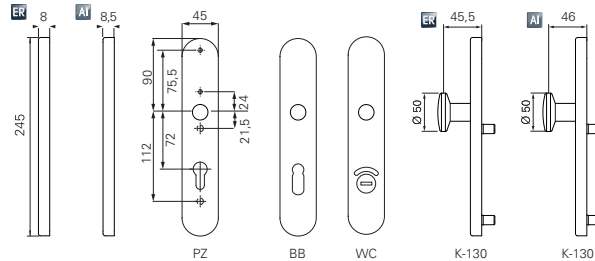
D-310 Long plate handle (L)



D-310 Long plate handle (L) with OKL – ball-bearing technolog





The lever is clenched inside the inner ring of the ball-bearing. The outer ring of the ball-bearing is fixed into the base construction. This connection guarantees an additional lasting of the lever sets on the door leafs and is known for high capacity in axial and radial direction. screw connection.

User category: class 4 / PZ 92 on request







OKL – LONG PLATE HANDLE (L)


EN 1906 **F**

			Kit sets			
	Ø	▧				
S	22 mm	8 mm	1k6705.46	1k6700.46	1k6715.46	1k6720.46
F	22 mm	9 mm	3k6705.46		3k6715.46	

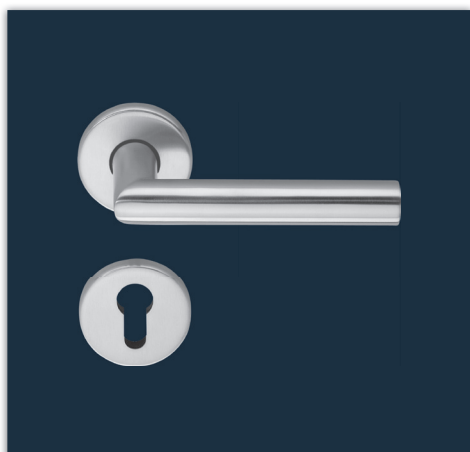
Finish: Stainless steel matt.


EN 1906 **F**

			Kit sets			
	Ø	▧				
S	22 mm	8 mm	1k7705.30	1k7700.30	1k7715.30	1k7720.30
F	22 mm	9 mm	3k7705.30		3k7715.30	

Finish: Aluminium anodised, further colours on request.

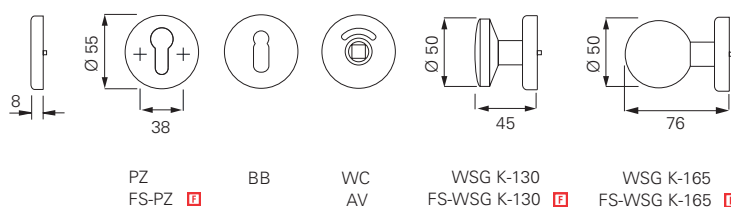
D-310 Round rose handle



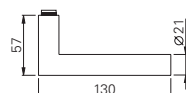
D-310 Round rose handle with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4

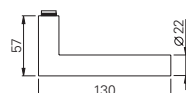


OGL – ROUND ROSE HANDLE


EN 1906 **F**

			Kit sets						Passive leaf	
	Ø	▧								
S	21 mm	8 mm		156705.46	156700.46	156710.46	156780.46	156720.46		
F	21 mm	9 mm	316821.46	356700.46		356760.46	356782.46	356705.46	356718.46	356717.46

Finish: Stainless steel matt. PVD and polished on request.


EN 1906 **F**

			Kit sets						Passive leaf	
	Ø	▧								
S	22 mm	8 mm		157705.30	157700.30	157710.30	157720.30			
F	22 mm	9 mm	317223.30	357700.30		357760.30	357704.30	357718.30	357717.30	

Finish: Aluminium anodised, further colours on request.

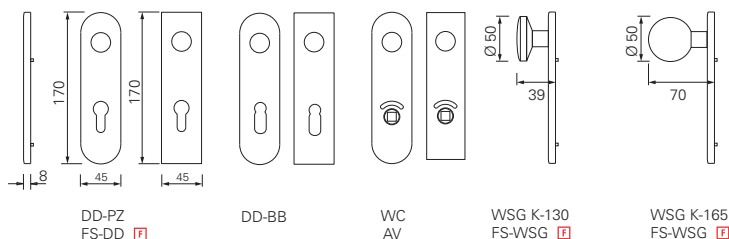
D-310 Short plate handle (K)



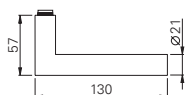
D-310 Short plate handle (K) with OGL – friction bearing technology










Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4

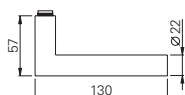






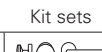




OGL – SHORT PLATE HANDLE (K)


EN 1906 **F**

			Kit sets							Passive leaf	
	Ø	▧									
S	21 mm	8 mm		106705.46	106700.46	106710.46	106760.46	106720.46			
F	21 mm	9 mm	306781.46	306700.46		306760.46	306763.46		306725.46	306718.46	306717.46

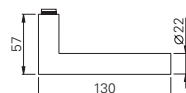
Finish: Stainless steel matt. PVD and polished on request.











EN 1906 **F**

			Kit sets							Passive leaf	
	Ø	▧									
S	22 mm	8 mm			107705.30	107700.30	107710.30	107720.30			
F	22 mm	9 mm	307781.30	307783.30	307700.30		307760.30		307704.30	307718.30	307717.30

Finish: Aluminium anodised, further colours on request.

OGL – SHORT PLATE HANDLE (K)


 EN 1906 **F**


			Kit sets							Passive leaf	
	Ø	▧									
S	22 mm	8 mm			147705.30	147700.30	147710.30	147720.30			
F	22 mm	9 mm	347781.30	347783.30	347700.30		347760.30		347704.30	347718.30	347717.30

Finish: Aluminium anodised, further colours on request.



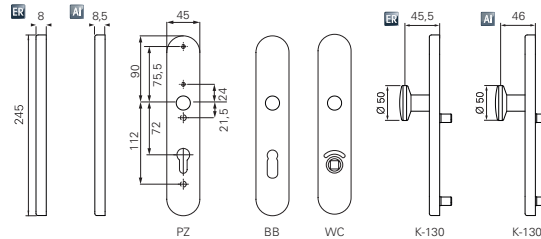
D-310 Long plate handle (L)



D-310 Long plate handle (L) with OGL – friction bearing technology





Maintenance-free metal friction bearing. The lever is fixed in the bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4
PZ 92 on request







OGL – LONG PLATE HANDLE (L)


EN 1906 **F**

			Kit sets			
	Ø	▧				
S	22 mm	8 mm	1g6705.46	1g6700.46	1g6715.46	1g6720.46
F	22 mm	9 mm	3g6705.46		3g6715.46	

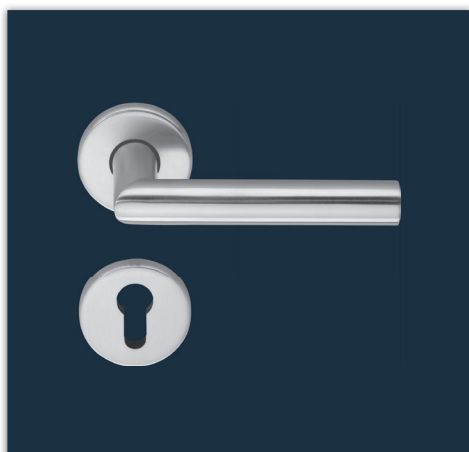
Finish: Stainless steel matt.


EN 1906 **F**

			Kit sets			
	Ø	▧				
S	22 mm	8 mm	1g7705.30	1g7700.30	1g7715.30	1g7720.30
F	22 mm	9 mm	3g7705.30		3g7715.30	

Finish: Aluminium anodised, further colours on request.

D-310 Round rose handle

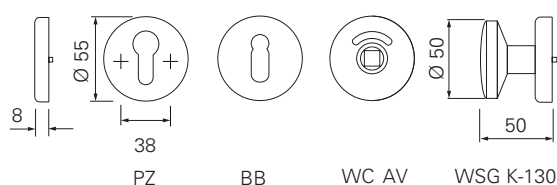


D-310 Round rose handle

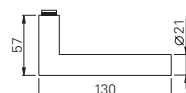
with SGL – Standard handles with friction bearing technology

Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs. DIN left / DIN right useable. Concealed, continuous screw connection.

User category: class 3






SGL – ROUND ROSE HANDLE

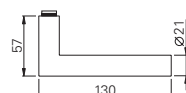


EN 1906






		Kit sets			
	Ø	□			
S	21 mm	8 mm	152705.46	152700.46	152715.46
					152720.46

Finish: Stainless steel matt. PVD and polished on request.



EN 1906



		Kit sets			
	Ø	□			
S	21 mm	8 mm	152705.30	152700.30	152715.30
					152720.30

Finish: Aluminium anodised, further colours on request.



ECO D-300

Frankfurt mitred handle

The ECO D-300 is a variation of a geometric handle draft design from the 1920s which stands out through the legible simplicity of the construction: a circular tube is separated with a mitred cut before the two halves are joined together again at right angles.


This handle was given the attribute "Frankfurt" not only through its close geometric relationship with the Frankfurt standard handle but also because it was used when the Frankfurt Architecture Museum was built.

ECO Schulte has included its interpretation of the Frankfurt mitred handle in its product range as factory design draft D-310.

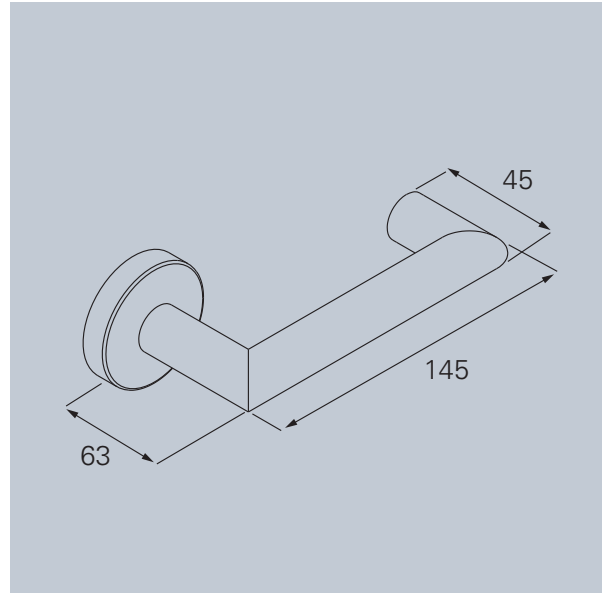
ECO D-330



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium

PRODUCT FAMILY D-300

Standard handle



D-310 . Page 226



D-330 . Page 236

Handle on plate



D-330 . Page 239, 242

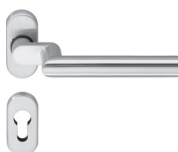


D-330 . Page 241

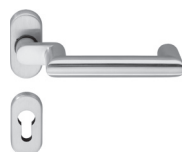
Oval rose handle



D-310 . Page 272



D-315 . Page 276



D-335 . Page 280

Security handle



D-310 . Page 312



D-315 . Page 324

Window handle



F-310 . Page 328

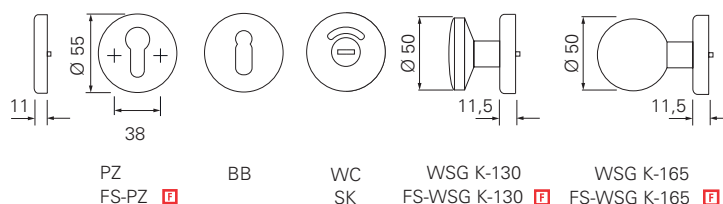
D-330 Round rose handle



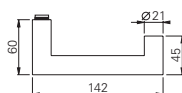
D-330 Round rose handle with OKL – ball-bearing technology

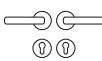
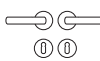
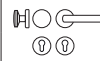

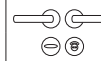


Lever guidance consists of a closed, maintenance-free ball bearing. Fixable bearing with restoring spring, DIN left / DIN right useable. Stainless steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



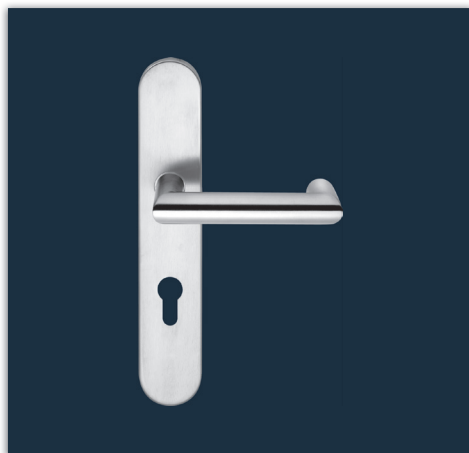
OKL ROUND ROSE HANDLE



			Kit sets				
	Ø	□					
	21 mm	8 mm	153905.46	153900.46	153915.46	153916.46	153920.46
	21 mm	9 mm	353905.46		353915.46	353918.46	

Finish: Stainless steel matt. PVD and polished on request.

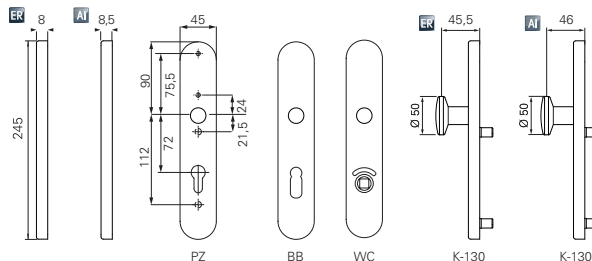
D-330 Long plate handle (L)



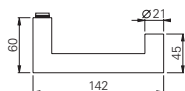
D-330 Long plate handle (L) with OKL – ball-bearing technology

The lever is clenched inside the inner ring of the ball-bearing. The outer ring of the ball-bearing is fixed into the base construction. This connection guarantees an additional lasting of the lever sets on the door leaves and is known for high capacity in axial and radial direction.

User category: class 4 / PZ 92 on request



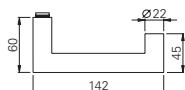
OKL – LONG PLATE HANDLE (L)



Kit sets

	Ø	□		
F	21 mm	9 mm	3k6805.46	3k6815.46

Finish: Stainless steel matt.



Kit sets

	Ø	□		
F	22 mm	9 mm	3k7805.30	3k7815.30

Finish: Aluminium anodised, further colours on request.

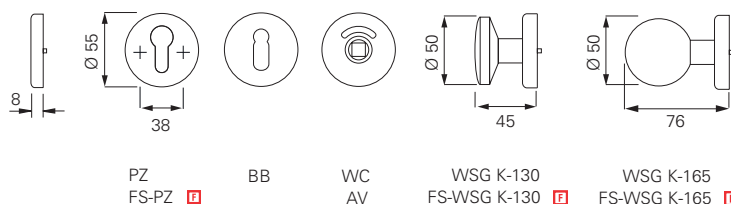
D-330 Round rose handle



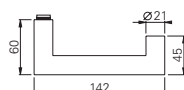
D-330 Round rose handle with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OG – ROUND ROSE HANDLE














EN 1906

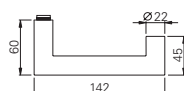
EN 179

F



			Kit sets						Passive leaf	
	Ø	□								
	21 mm	8 mm		156805.46	156800.46	156810.46	156880.46	156820.46		
	21 mm	9 mm	316851.46	356801.46		356860.46	356882.46		356818.46	356817.46
	21 mm	9 mm		356850.46						

Finish: Stainless steel matt. PVD and polished on request.














EN 1906

EN 179

F



			Kit sets						Passive leaf	
	Ø	□								
	22 mm	8 mm		157208.30	157200.30	157210.30	157220.30			
	22 mm	9 mm	317029.30	357800.30		357860.30		357804.30	357818.30	357817.30
	22 mm	9 mm		357850.30						

Finish: Aluminium anodised, further colours on request.

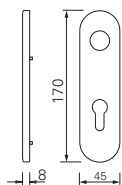
D-330 Short plate handle (K)



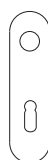
D-330 Short plate handle (K) with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continous screw connection.

User category: class 4



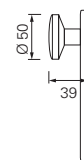
DD-PZ
FS-DD



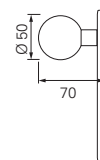
DD-BB



WC
AV

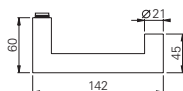


WSG K-130
FS-WSG



WSG K-130
FS-WSG










OGL – SHORT PLATE HANDLE (K)



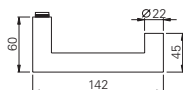
EN 1906

EN 179

F

			Kit sets							Passive leaf	
	Ø	∇									
S	21 mm	8 mm			106805.46	106800.46	106810.46	106860.46	106820.46		
F	21 mm	9 mm	306881.46	306800.46		306860.46	306863.46		306825.46	306818.46	306817.46
A	21 mm	9 mm		306850.46							










Finish: Stainless steel matt. PVD and polished on request.



EN 1906

EN 179

F

			Kit sets							Passive leaf	
	Ø	∇									
S	22 mm	8 mm			107205.30	107200.30	107210.30	107220.30			
F	22 mm	9 mm	307881.30	307883.30	307800.30		307860.30		307804.30	307819.30	307817.30
A	22 mm	9 mm			307850.30						

Finish: Aluminium anodised, further colours on request.

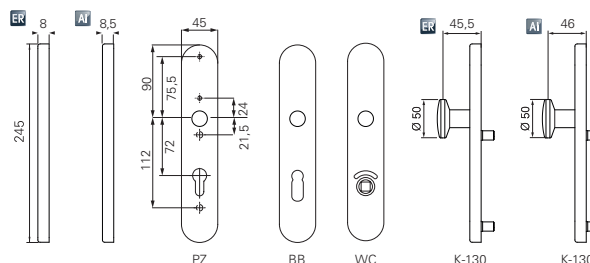
D-330 Long plate handle (L)



D-330 Long plate handle (L) with OGL – friction bearing technology

Maintenance-free metal friction bearing. The lever is fixed in the bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4
PZ 92 on request




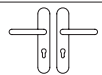


OGL – LONG PLATE HANDLE (L)



EN 1906

EN 179

F

		Kit sets	
			
	22 mm	9 mm	3g6805.46 3g6815.46


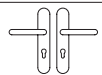


Finish: Stainless steel matt.



EN 1906

EN 179

F

		Kit sets	
			
	22 mm	9 mm	3g7805.30 3g7815.30

Finish: Aluminium anodised, further colours on request.




ROUND ROSE HANDLE · D-410

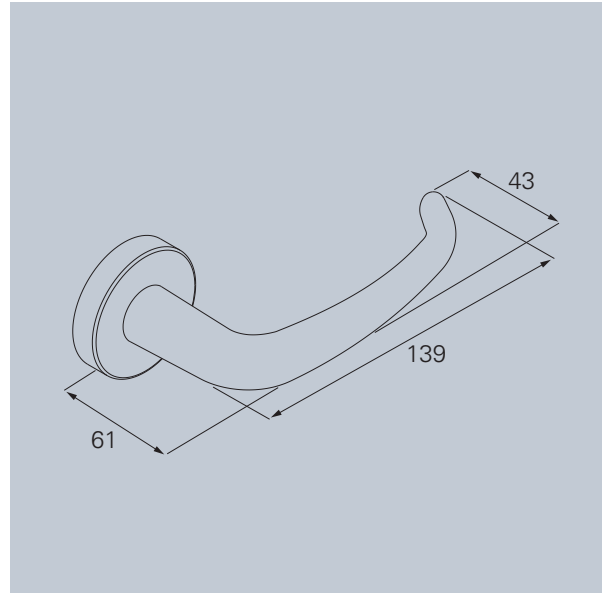
ECO D-410



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium

PRODUCT FAMILY D-400

Standard handle



D-410 . Page 244



D-490 . Page 252

Handle on plate



D-410 . Page 247, 250



D-410 . Page 249

Oval rose handle



D-410 . Page 284



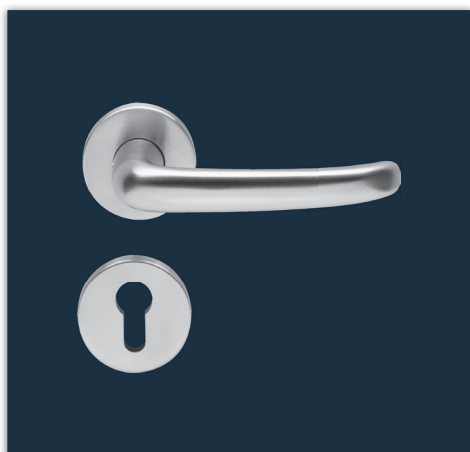
D-415 . Page 288

Window handle



F-410 . Page 328

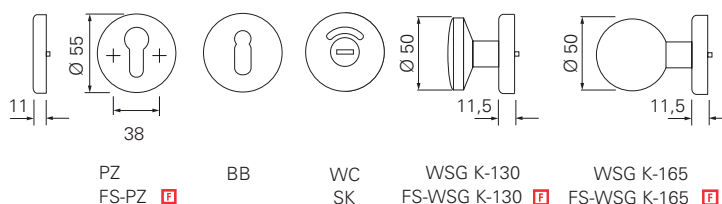
D-410 Round rose handle



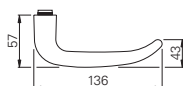
D-410 Round rose handle with OKL – ball-bearing technology











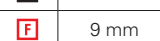




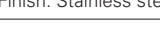



























































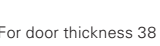









Lever guidance consists of a closed, maintenance-free ball bearing. Fixable bearing with restoring spring, DIN left / DIN right useable. Stainless steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OKL ROUND ROSE HANDLE



		Kit sets				
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						

Finish: Stainless steel matt. PVD and polished on request.

D-410 Long plate handle (L)

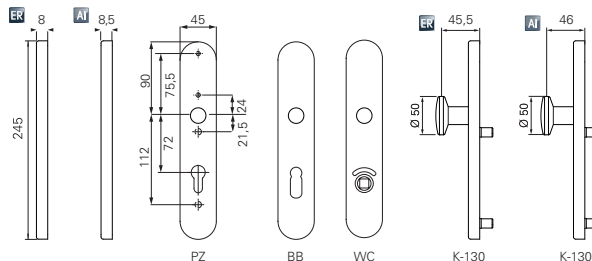


D-410 Long plate handle (L) with OKL – ball-bearing technology

The lever is clenched inside the inner ring of the ball-bearing. The outer ring of the ball-bearing is fixed into the base construction. This connection guarantees an additional lasting of the lever sets on the door leafs and is known for high capacity in axial and radial direction.

User category: class 4

PZ 92 on request



OKL – LONG PLATE HANDLE (L)



OKL		Kit sets			
	□				
S	8 mm	1k6305.46	1k6300.46	1k6315.46	1k6320.46
F	9 mm	3k6305.46		3k6315.46	

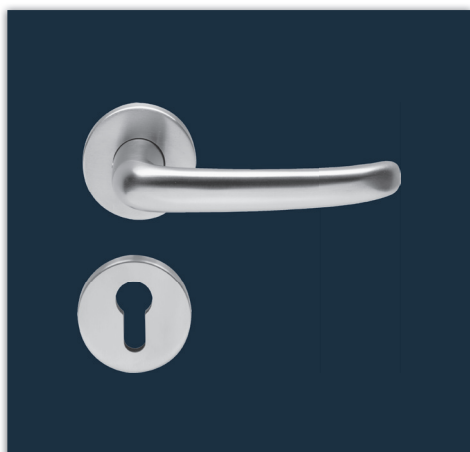
Finish: Stainless steel matt.



OKL		Kit sets			
	□				
S	8 mm	1k7305.30	1k7300.30	1k7315.30	1k7320.30
F	9 mm	3k7305.30		3k7315.30	

Finish: Aluminium anodised, further colours on request.

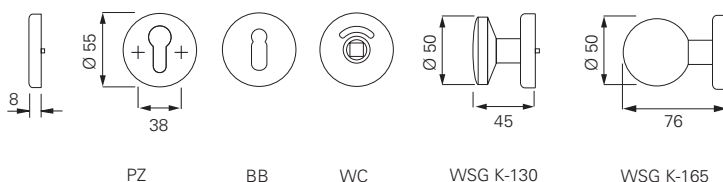
D-410 Round rose handle



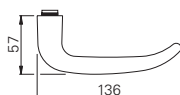
D-410 Round rose handle with OGL – friction bearing technology









Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4

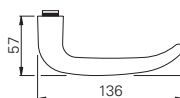










OGL – ROUND ROSE HANDLE



		Kit sets						Passive leaf	
	□								
S	8 mm		156305.46	156300.46	156310.46	156380.46	156320.46		
F	9 mm	316801.46	356350.46		356380.46	356382.46	356355.46	356385.46	356384.46
A	9 mm		356360.46						

Finish: Stainless steel matt. PVD and polished on request.



		Kit sets						Passive leaf	
	□								
S	8 mm		157305.30	157300.30	157310.30	157320.30			
F	9 mm	317226.30	357350.30		357380.30		357355.30	357328.30	357327.30
A	9 mm		357360.30						

Finish: Aluminium anodised, further colours on request.

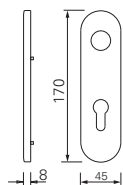
D-410 Short plate handle (K)



D-410 Short plate handle (K) with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



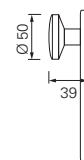
DD-PZ
FS-DD



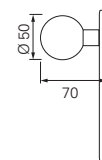
DD-BB



WC
AV

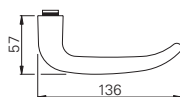














WSG K-130
FS-WSG



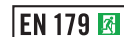
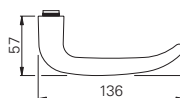
WSG K-130
FS-WSG













OGL – SHORT PLATE HANDLE (K)



		Kit sets							Passive leaf	
										
	8 mm		106405.46	106400.46	106410.46	106460.46	106420.46			
	9 mm	306481.46	306400.46		306460.46	306463.46		306425.46	306418.46	306417.46
	9 mm		306450.46							

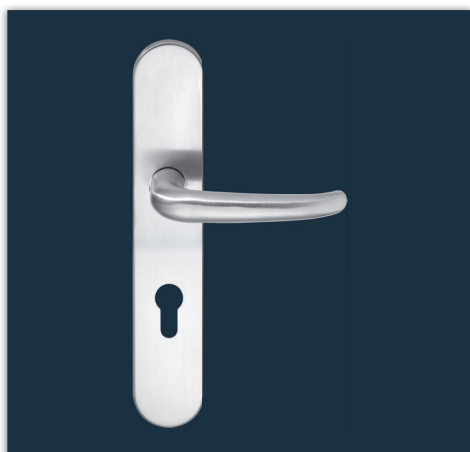
Finish: Stainless steel matt. PVD and polished on request.



		Kit sets							Passive leaf	
										
	8 mm			107805.30	107800.30	107810.30	107820.30			
	9 mm	307481.30	307483.30	307400.30		307460.30		307425.30		307417.30
	9 mm			307450.30						

Finish: Aluminium anodised, further colours on request.

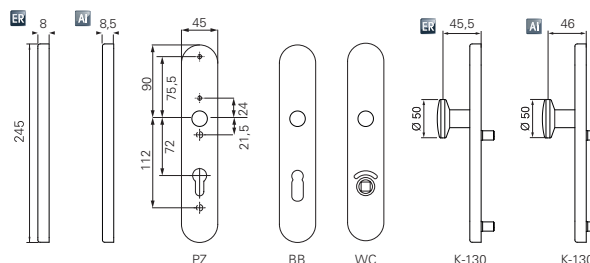
D-410 Long plate handle (L)



D-410 Long plate handle (L) with OGL – friction bearing technology







Maintenance-free metal friction bearing. The lever is fixed in the bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4
PZ 92 on request









OG – LONG PLATE HANDLE (L)



		Kit sets			
					
	8 mm	1g6305.46	1g6300.46	1g6315.46	1g6320.46
	9 mm	3g6305.46		3g6315.46	

Finish: Stainless steel matt.



		Kit sets			
					
	8 mm	1g7305.30	1g7300.30	1g7315.30	1g7320.30
	9 mm	3g7305.30		3g7315.30	

Finish: Aluminium anodised, further colours on request.

D-410 Round rose handle



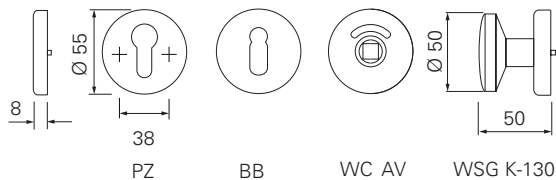
D-410 Round rose handle

with SGL – Standard handles with friction bearing technology

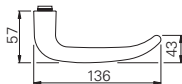
Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs.

DIN left / DIN right useable. Concealed, continous screw connection.

User category: class 3








SGL – ROUND ROSE HANDLE

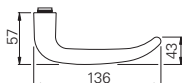


EN 1906








		Kit sets			
					
	8 mm	152d05.46	152d00.46	152d15.46	152d20.46

Finish: Stainless steel matt. PVD and polished on request.



EN 1906



		Kit sets			
					
	8 mm	152d05.30	152d00.30	152d15.30	152d20.30

Finish: Aluminium anodised, further colours on request.

ECO D-490



Product characteristics

Tested acc. to

EN 1906

With 9 mm spindle tested
Fire-protection tested

F

Lever form for escape doors
and emergency exits

EN 179

Restoring spring

■

Fixable bearing

■

Steel base with positioning studs

■

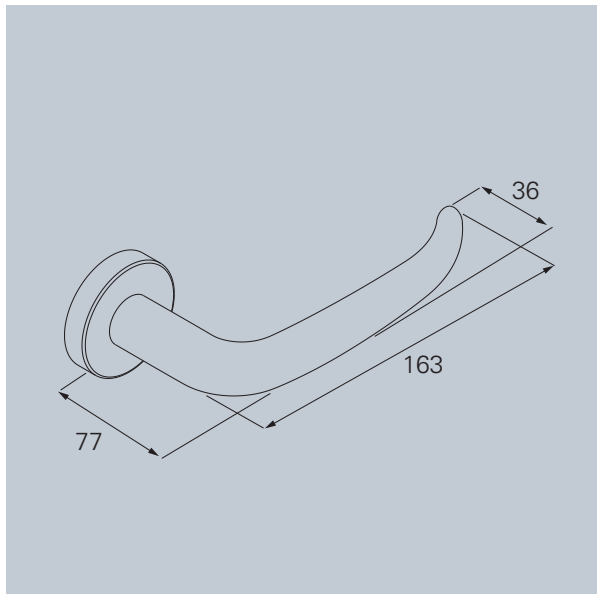
Concealed through-screw technology

■

DIN left / right

■

■ Yes - No □ Option



Material:



Stainless steel



PRODUCT FAMILY D-400

Standard handle



D-410 . Page 244



D-490 . Page 252

Oval rose handle



D-410 . Page 284



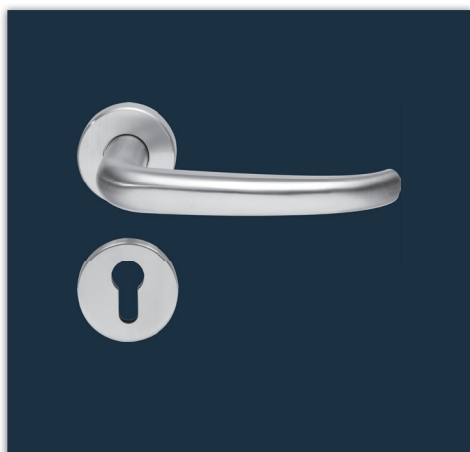
D-415 . Page 288

Window handle



F-410 . Page 328

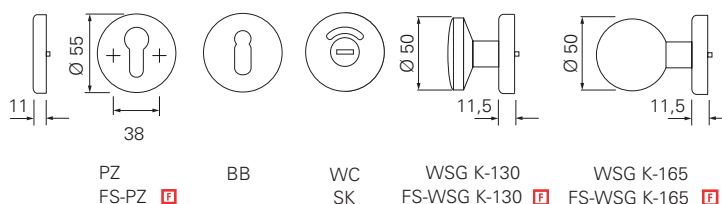
D-490 Round rose handle



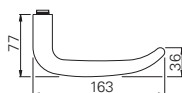
D-490 Round rose handle with OKL – ball-bearing technology











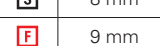










































































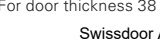









Lever guidance consists of a closed, maintenance-free ball bearing. Fixable bearing with restoring spring, DIN left / DIN right useable. Stainless steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OKL ROUND ROSE HANDLE



		Kit sets				
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						
						

Finish: Stainless steel matt. PVD and polished on request.

Humboldt University, Berlin,
Germany

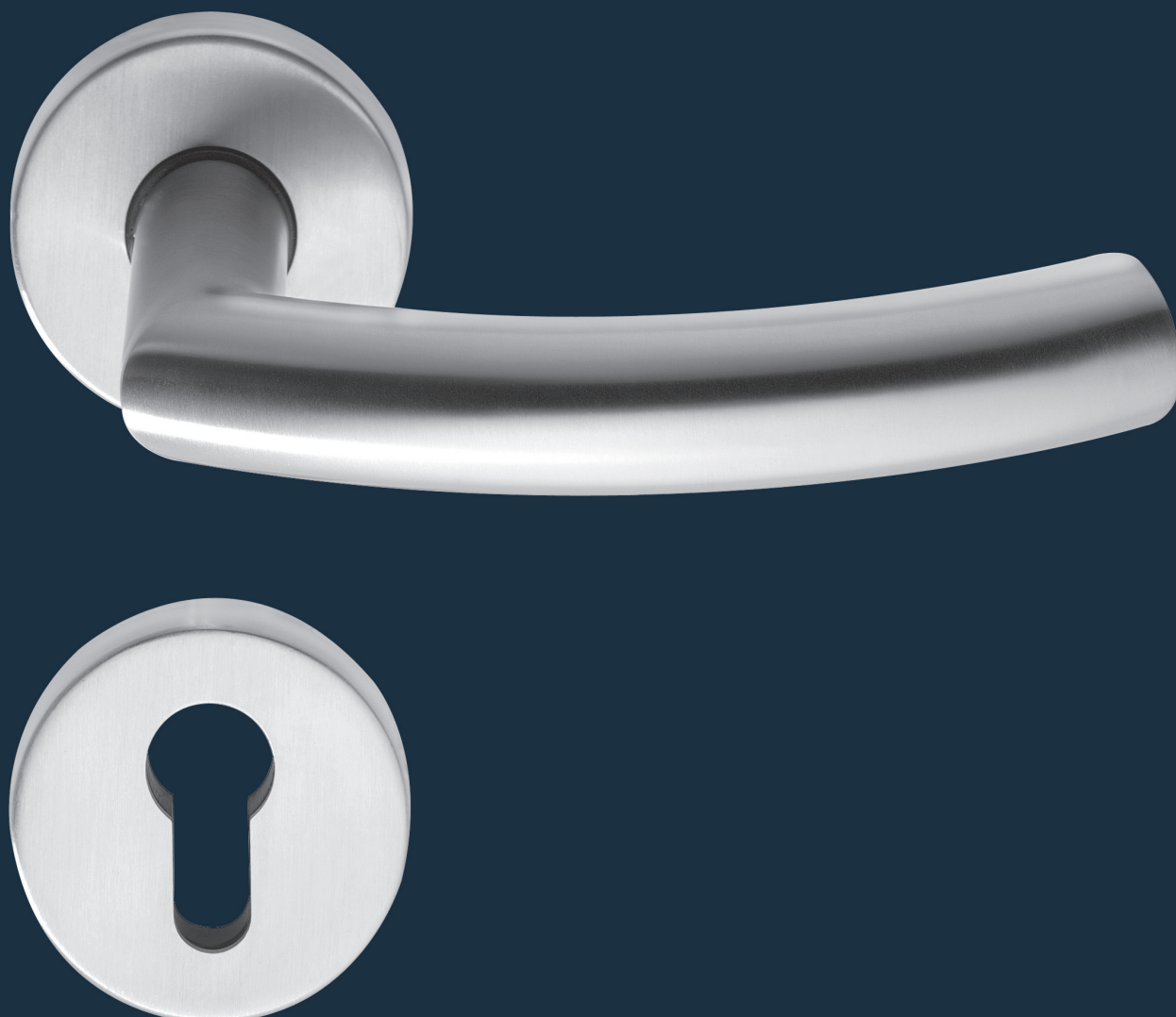


ECO handle technology Comings and goings

The door handle (or door latch) is one of the most frequently used functional elements in the home: it's the very first object that people make contact with when they enter a building and it hardly ever comes to rest in busy places.

But the door handle is much more than a mere functional element of household technology. A person's first physical perception of a house is made through the door handle – and as we all know, you only get one chance to leave a good first impression.

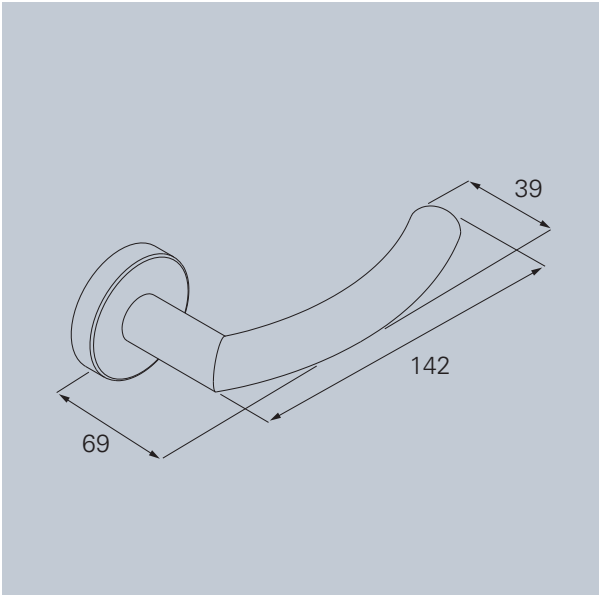
ECO D-510



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	
Lever form for escape doors and emergency exits	-
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium

3

PRODUCT FAMILY D-500

Standard handle



D-510 . Page 256

Handle on plate



D-510 . Page 260

Oval rose handle



D-515 . Page 292

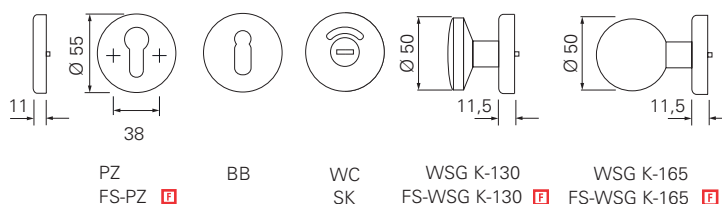
D-510 Round rose handle



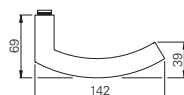
D-510 Round rose handle with OKL – ball-bearing technology

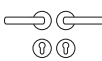
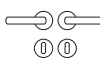
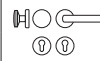

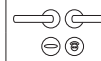
Lever guidance consists of a closed, maintenance-free ball bearing. Fixable bearing with restoring spring, DIN left / DIN right useable. Stainless steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4



OKL ROUND ROSE HANDLE



			Kit sets				
	Ø	□					
S	22 mm	8 mm	153605.46	153600.46	153615.46	153616.46	153620.46
F	22 mm	9 mm	353605.46		353610.46	353618.46	

Finish: Stainless steel matt. PVD and polished on request.

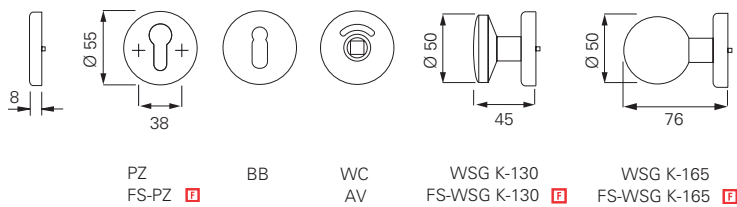
D-510 Round rose handle



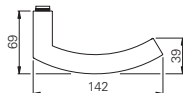
D-510 Round rose handle with OGL – friction bearing technology















Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continous screw connection.

User category: class 4

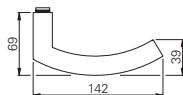















OGL – ROUND ROSE HANDLE


 EN 1906 **F**

			Kit sets							Passive leaf	
											
	21 mm	8 mm		156905.46	156900.46	156910.46	156980.46	156920.46			
	21 mm	9 mm	316804.46	356900.46		356960.46	356970.46		356905.46	356918.46	356917.46

Finish: Stainless steel matt. PVD and polished on request.


 EN 1906 **F**

			Kit sets						Passive leaf	
										
				157905.30	157900.30	157910.30		157920.30		
	22 mm	9 mm	317227.30	357900.30		357960.30		357925.30	357918.30	357917.30

Finish: Aluminium anodised, further colours on request.

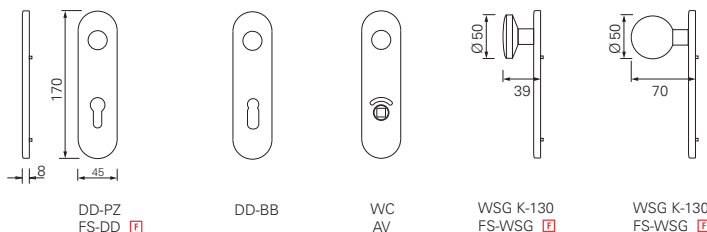
D-510 Short plate handle (K)



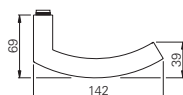
D-510 Short plate handle (K) with OGL – friction bearing technology










Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

User category: class 4

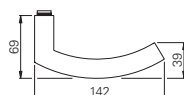











OG – SHORT PLATE HANDLE (K)


EN 1906 **F**

			Kit sets							Passive leaf	
	Ø	▧									
S	21 mm	8 mm		106905.46	106900.46	106910.46	106960.46	106920.46			
F	21 mm	9 mm	306981.46		306900.46	306960.46	306963.46		306925.46	306918.46	306917.46

Finish: Stainless steel matt. PVD and polished on request.


EN 1906 **F**

			Kit sets							Passive leaf	
	Ø	▧									
S	22 mm	8 mm			107905.30	107900.30	107910.30	107920.30			
F	22 mm	9 mm	307981.30	307983.30		307900.30	307960.30		307925.30	307918.30	307917.30

Finish: Aluminium anodised, further colours on request.

D-510 Round rose handle

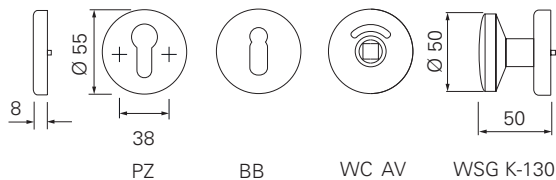


D-510 Round rose handle

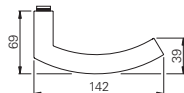
with SGL – Standard handles with friction bearing technology

Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs. DIN left / DIN right useable. Concealed, continuous screw connection.

User category: class 3







SGL – ROUND ROSE HANDLE

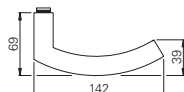


EN 1906







			Kit sets			
	Ø	□				
S	21 mm	8 mm	152805.46	152800.46	152815.46	152820.46

Finish: Stainless steel matt. PVD and polished on request.



EN 1906



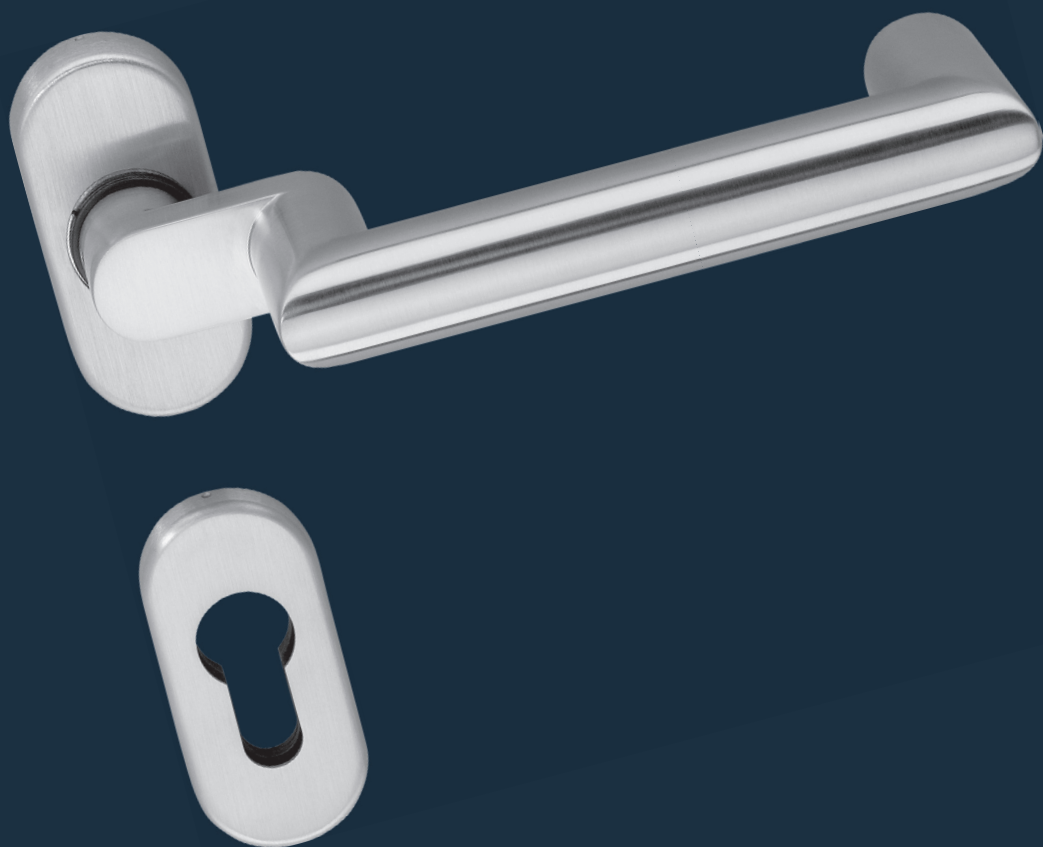
			Kit sets			
	Ø	□				
S	21 mm	8 mm	152805.30	152800.30	152815.30	152820.30

Finish: Aluminium anodised, further colours on request.

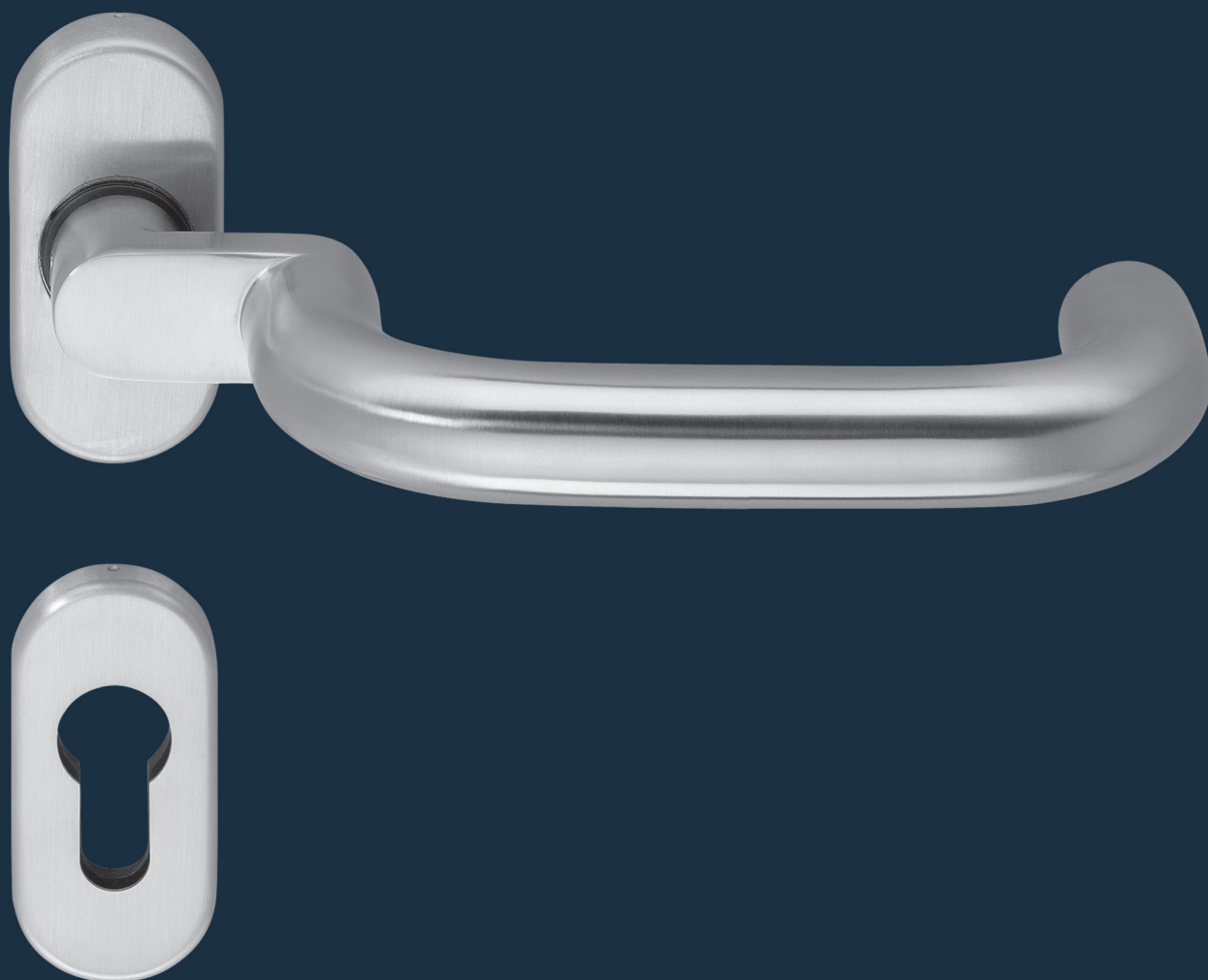


OVAL ROSE HANDLE · D-335


Oval rose handles



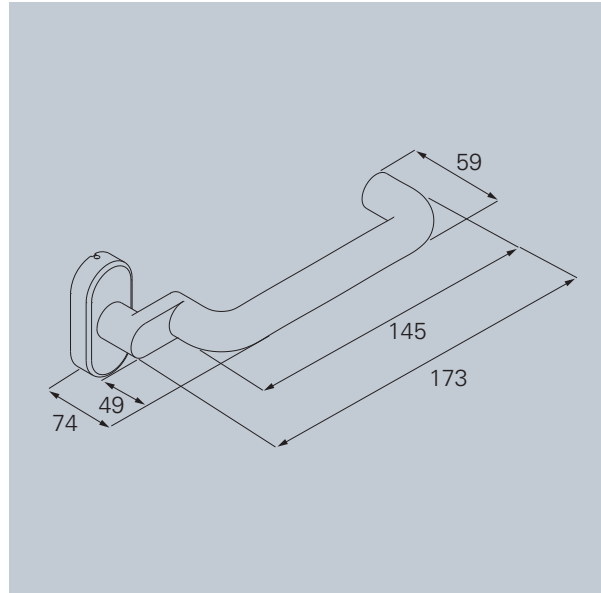
ECO D-115



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



3

PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 198



D-120 . Page 210



D-190 . Page 216



D-110 . Page 201, 207



D-110 . Page 204

Oval rose handle

Security handle

Window handle



D-115 . Page 264



D-116 . Page 268



D-110 . Page 298



D-111 . Page 308



D-116 . Page 320



F-110 . Page 328

D-115 Oval rose handle

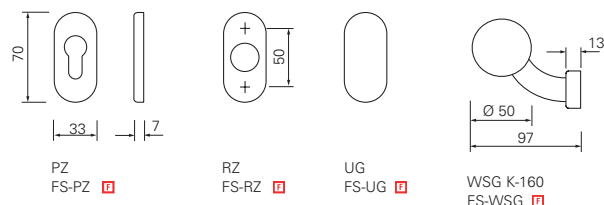


D-115 Oval rose with OGL – friction bearing technology

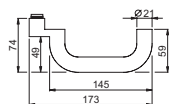
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).











Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4



OGL – OVAL ROSE HANDLE



			Kit sets					Knob		Escutcheon		
	Ø	▣										
S	21 mm	8 mm	178412.46	185405.46	185415.46	185410.46	185425.46	178200.46	178202.46	176850.46	176852.46	176851.46
F	21 mm	9 mm	178410.46	385405.46	385415.46	385410.46	385425.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

*Base rosette incl. fire-proof plate

National-/Olympiastadion, Beijing,
China

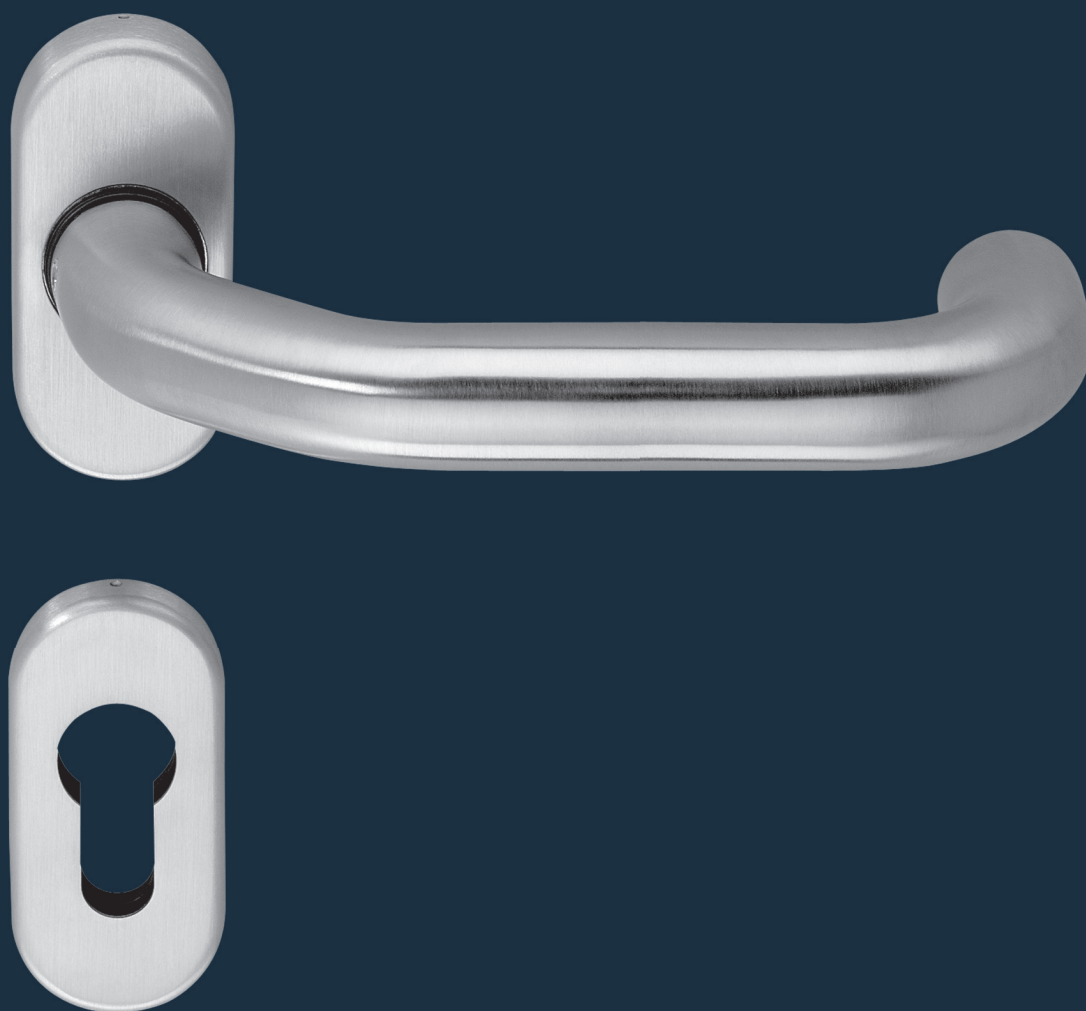


ECO handle technology


Comings and goings

The encounter with the handle is aesthetic and ergonomic at the same time. The first thing is "what the handle feels like" and this refers not only to its shape but also to its mechanical qualities when pressed. The high-quality bearings in the handle not only allow it to function for a long time, they also convey a feeling of quality. ECO Schulte underscores this by granting a five-year warranty on its handle range.

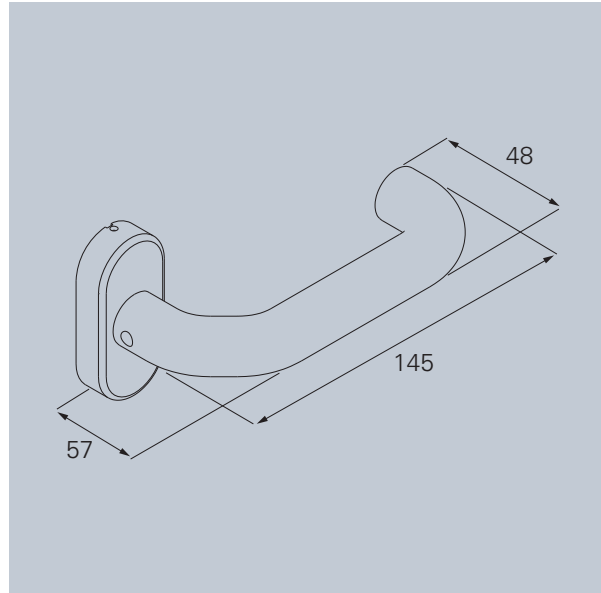
ECO D-116



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium



3

PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 198



D-120 . Page 210



D-190 . Page 216



D-110 . Page 201, 207



D-110 . Page 204

Oval rose handle

Security handle

Window handle



D-115 . Page 264



D-116 . Page 268



D-110 . Page 298



D-111 . Page 308

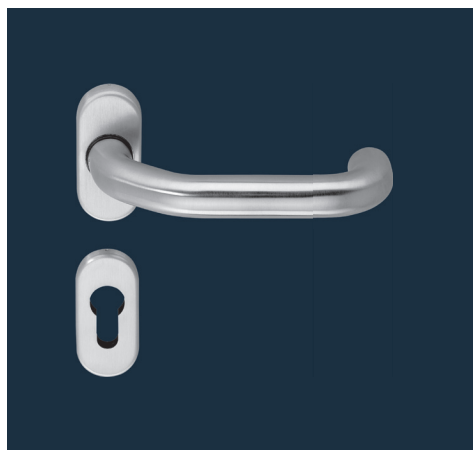


D-116 . Page 320



F-110 . Page 328

D-116 Oval rose handle

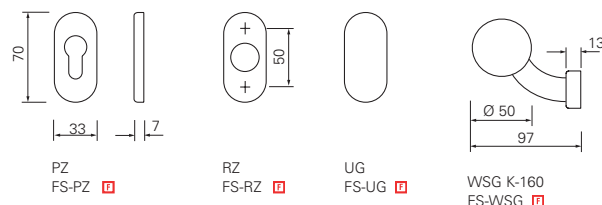


D-116 Oval rose with OGL – friction bearing technology

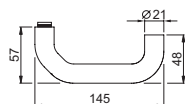
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4



OGL – OVAL ROSE HANDLE




















EN 1906

EN 179

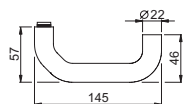
F



			Kit sets					Knob		Escutcheon		
												
			178402.46	186405.46	186415.46	186410.46	186425.46	178200.46	178202.46	176850.46	176852.46	176851.46
			178400.46	386405.46	386415.46	386410.46	386425.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

* Base rosette incl. fire-proof plate














EN 1906

EN 179

F



			Kit sets					Knob		Escutcheon		
												
	Ø	▧										
S	22 mm	8 mm	178402.30	187405.30	187415.30	187410.30	187425.30	178200.30	178202.30	176850.30	176852.30	176851.30
F	22 mm	9 mm	178400.30	387405.30	387415.30	387410.30	387425.30	178200.30	178204.30	176850.30	176852.30	176851.30

Finish: F1 Aluminium anodised and F9, further colours on request

*Base rosette incl. fire-proof plate



ECO D-116

The cranked U-form handle

A classic with value added: the advantage of the U-shaped handle lies in the second 90 degree bend. It was used traditionally to prevent people or material from getting "threaded on". The rear bend helps to prevent shopping bags or coat sleeves from getting caught in the handle.

The U-shaped handle also has comfort qualities, because the rear turn supports the ball of the hand when opening the door.

ECO Schulte has the U-shaped handle in its product range as factory design draft D-116 for profile frame doors.

ECO D-310



Product characteristics

Tested acc. to

EN 1906

With 9 mm spindle tested
Fire-protection tested

F

Lever form for escape doors
and emergency exits

-

Restoring spring

■

Fixable bearing

■

Steel base with positioning studs

■

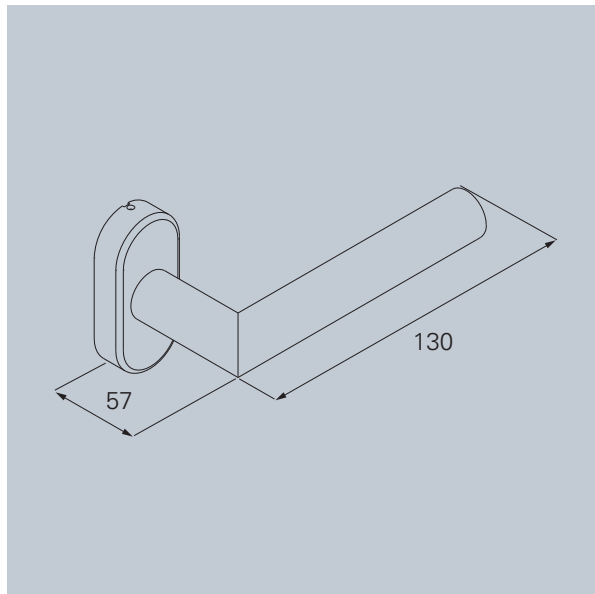
Concealed through-screw technology

■

DIN left / right

■

■ Yes - No □ Option



Material:



Stainless steel



3

PRODUCT FAMILY D-300

Standard handle

Handle on plate



D-310 . Page 226



D-330 . Page 236



D-330 . Page 239, 242



D-330 . Page 241

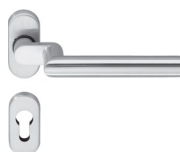
Oval rose handle

Security handle

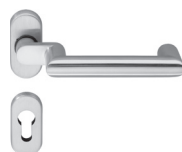
Window handle



D-310 . Page 272



D-315 . Page 276



D-335 . Page 280



D-310 . Page 312

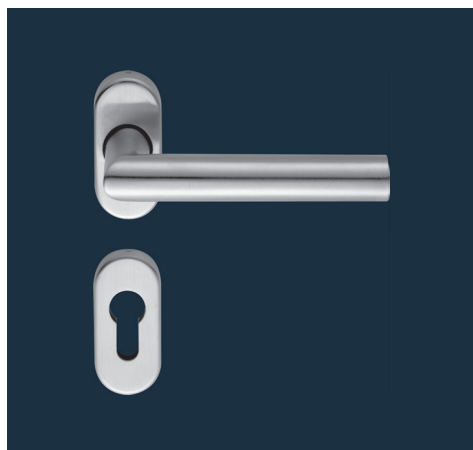


D-315 . Page 324



F-310 . Page 328

D-310 Oval rose handle

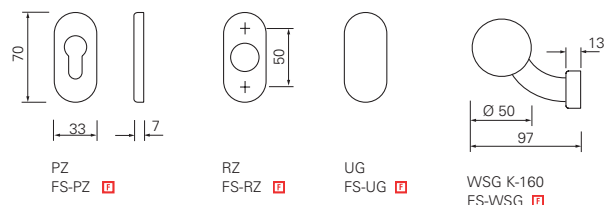


D-310 Oval rose with OGL – friction bearing technology

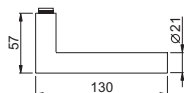
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).











Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4



OGL – OVAL ROSE HANDLE



			Kit sets					Knob		Escutcheon		
	Ø	□										
S	21 mm	8 mm	178442.46	186305.46	186315.46	186310.46	186325.46	178200.46	178202.46	176850.46	176852.46	176851.46
F	21 mm	9 mm	178440.46	386305.46	386315.46	386310.46	386325.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

*Base rosette incl. fire-proof plate



ECO D-300

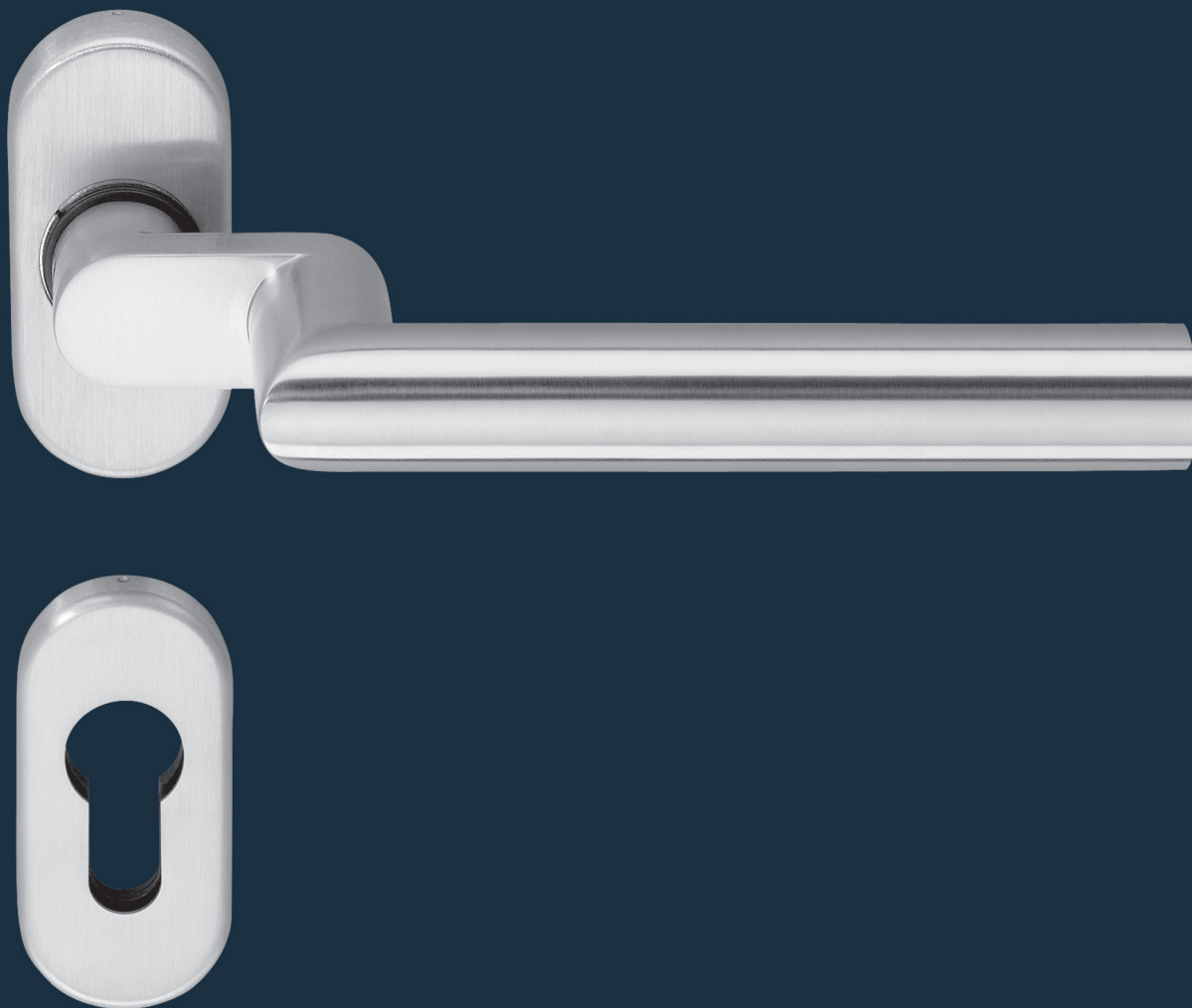
Frankfurt mitred handle

The ECO D-300 is a variation of a geometric handle draft design from the 1920s which stands out through the legible simplicity of the construction: a circular tube is separated with a mitred cut before the two halves are joined together again at right angles.

This handle was given the attribute "Frankfurt" not only through its close geometric relationship with the Frankfurt standard handle but also because it was used when the Frankfurt Architecture Museum was built.

ECO Schulte has included its interpretation of the Frankfurt mitred handle in its product range as factory design draft D-310 for profile frame doors.

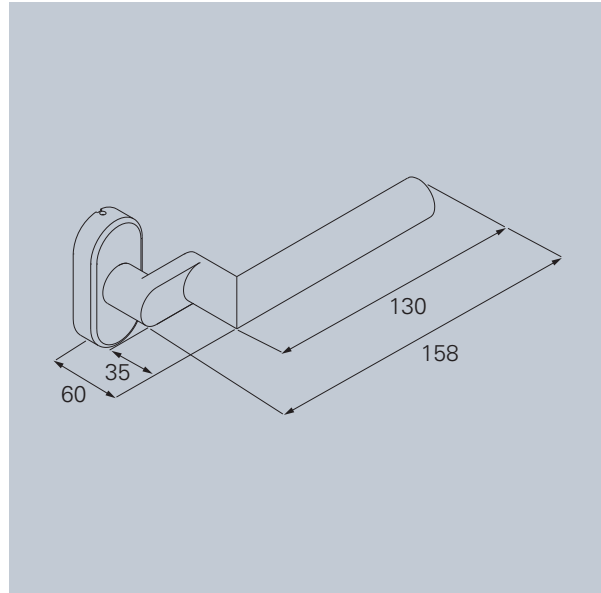
ECO D-315



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	
Lever form for escape doors and emergency exits	-
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



PRODUCT FAMILY D-300

Standard handle



D-310 . Page 226



D-330 . Page 236

Handle on plate



D-330 . Page 239, 242

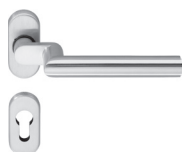


D-330 . Page 241

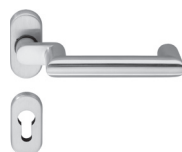
Oval rose handle



D-310 . Page 272



D-315 . Page 276



D-335 . Page 280

Security handle



D-310 . Page 312



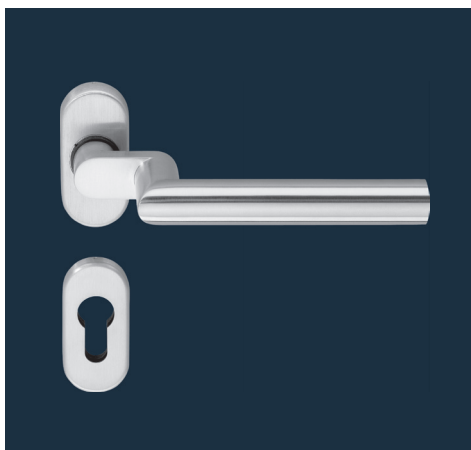
D-315 . Page 324

Window handle



F-310 . Page 328

D-315 Oval rose handle

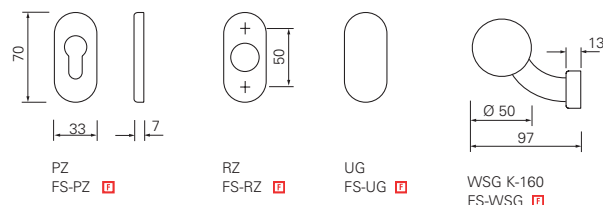


D-315 Oval rose with OGL – friction bearing technology

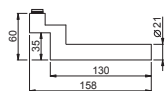
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).











Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4



OGL – OVAL ROSE HANDLE



			Kit sets					Knob		Escutcheon		
	Ø	▧										
S	21 mm	8 mm	178422.46	186305.46	186315.46	186310.46	186325.46	178200.46	178202.46	176850.46	176852.46	176851.46
F	21 mm	9 mm	178420.46	386305.46	386315.46	386310.46	386325.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

*Base rosette incl. fire-proof plate



ECO D-300

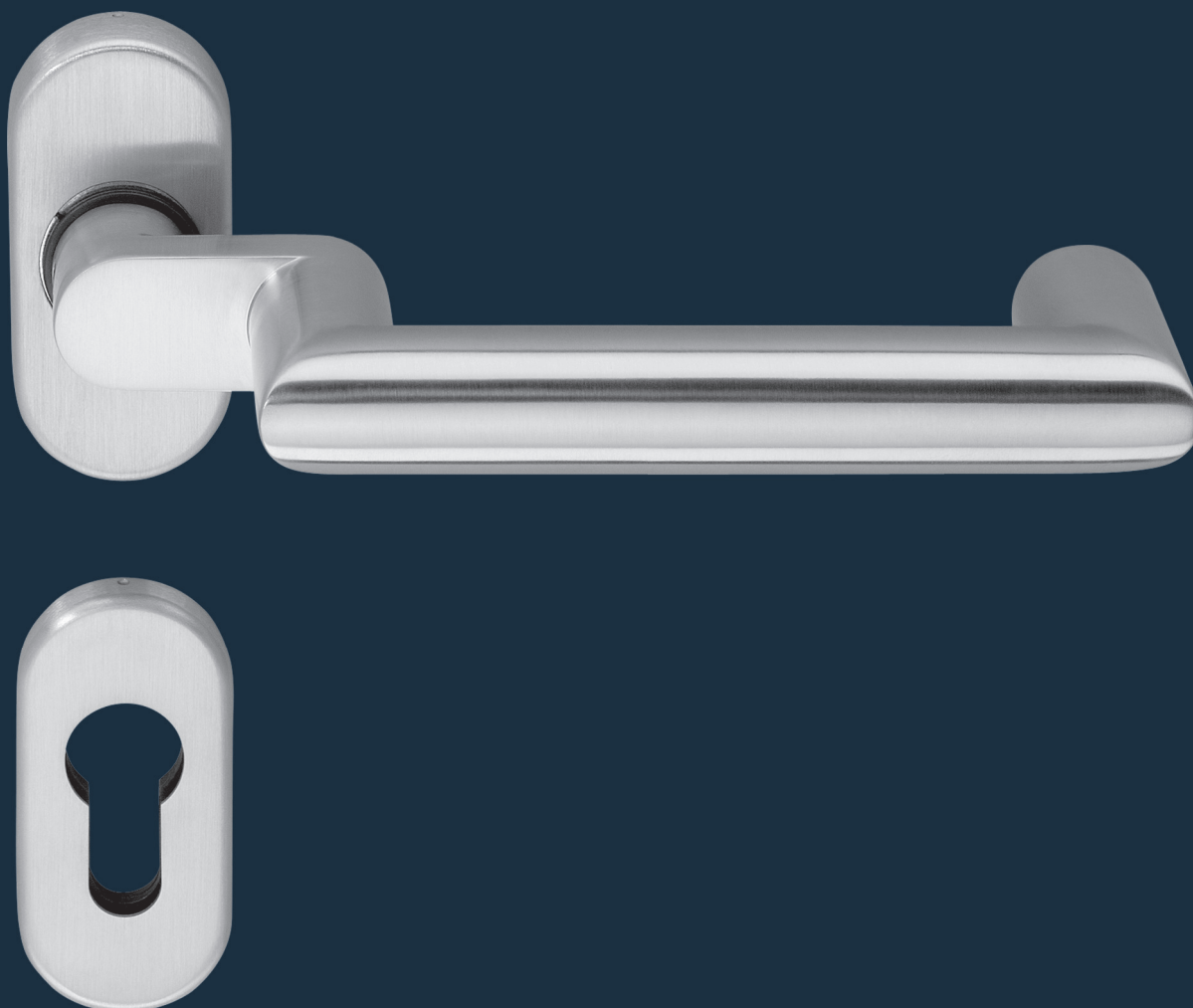
Frankfurt mitred handle

The ECO D-300 is a variation of a geometric handle draft design from the 1920s which stands out through the legible simplicity of the construction: a circular tube is separated with a mitred cut before the two halves are joined together again at right angles.


This handle was given the attribute "Frankfurt" not only through its close geometric relationship with the Frankfurt standard handle but also because it was used when the Frankfurt Architecture Museum was built.

ECO Schulte has included its interpretation of the Frankfurt mitred handle in its product range as factory design draft D-315 for profile frame doors.

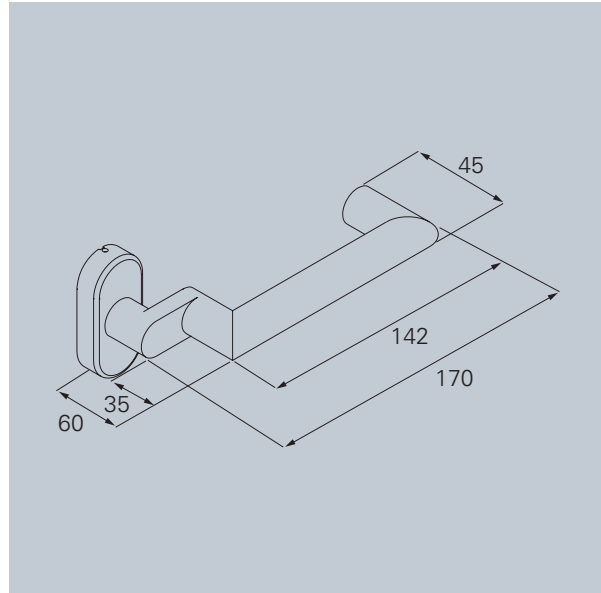
ECO D-335



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



3

PRODUCT FAMILY D-300

Standard handle



D-310 . Page 226



D-330 . Page 236

Handle sets



D-330 . Page 239, 242

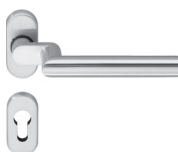


D-330 . Page 241

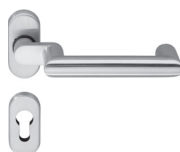
Oval rose handle



D-310 . Page 272



D-315 . Page 276



D-335 . Page 280

Security handle



D-310 . Page 312



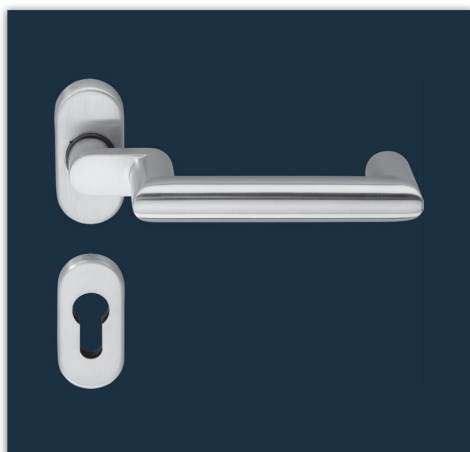
D-315 . Page 324

Window handle



F-310 . Page 328

D-335 Oval rose handle



D-335 Oval rose with OGL – friction bearing technology

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4



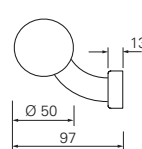
PZ
FS-PZ



RZ
FS-RZ

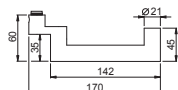












UG
FS-UG



WSG K-160
FS-WSG

OGL – OVAL ROSE HANDLE



			Kit sets					Knob		Escutcheon		
	Ø	□										
S	21 mm	8 mm	178432.46	185305.46	185315.46	385340.46	185325.46	178200.46	178202.46	176850.46	176852.46	176851.46
F	21 mm	9 mm	178430.46	385305.46	385315.46	385310.46	385325.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

*Base rosette incl. fire-proof plate



ECO D-335

The cranked U-form handle

The ECO D-300 is a variation of a geometric handle draft design from the 1920s which stands out through the legible simplicity of the construction: a circular tube is separated with a mitred cut before the two halves are joined together again at right angles. This handle was given the attribute "Frankfurt" not only through its close geometric relationship with the Frankfurt standard handle but also because it was used when the Frankfurt Architecture Museum was built.

ECO Schulte has included its interpretation of the Frankfurt mitred handle in its product range as factory design draft D-335 for profile frame doors.

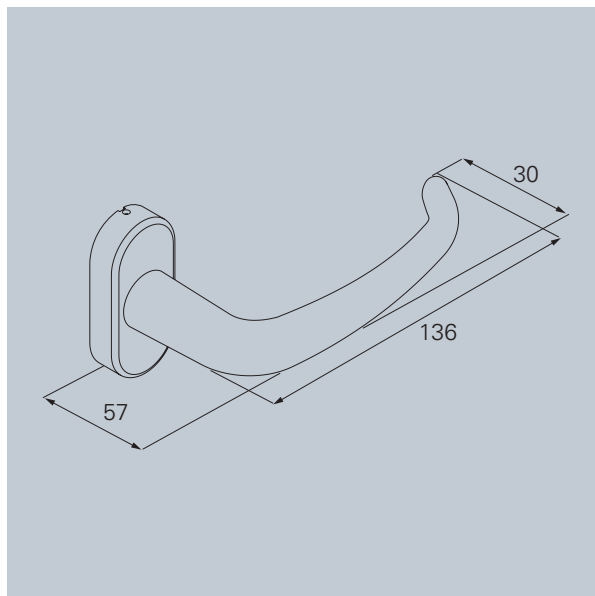
ECO D-410



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



PRODUCT FAMILY D-400

Standard handle



D-410 . Page 244



D-490 . Page 252

Oval rose handle



D-410 . Page 284



D-415 . Page 288

Window handle



F-410 . Page 328

D-410 Oval rose handle

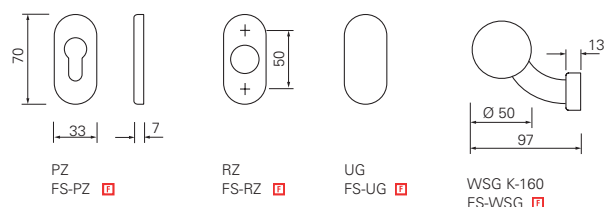


D-410 Oval rose with OGL – friction bearing technology

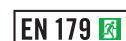
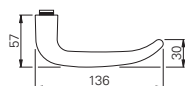
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).













Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4



OGL – OVAL ROSE HANDLE



			Kit sets					Knob		Escutcheon		
	Ø	▧										
	21 mm	8 mm	178462.46	185a05.46	185a15.46	185a10.46	185a25.46	178200.46	178202.46	176850.46	176852.46	176851.46
	21 mm	9 mm	178460.46	385a05.46	385a15.46	385a10.46	385a25.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

*Base rosette incl. fire-proof plate



ECO D-400

Archetype: Ulm handle

Made for getting to grips with! The archetype of this U-shaped handle was named after the Ulm School of Design where it was first used in the 1950s. The draft was based at the time on the door handles of the trains run by the Swiss railway.

ECO Schulte reworked the Ulm handle with its own factory design version D-410 for profile frame doors.

ECO D-415



Product characteristics

Tested acc. to

EN 1906

With 9 mm spindle tested
Fire-protection tested

F

Lever form for escape doors
and emergency exits

EN 179

Restoring spring

■

Fixable bearing

■

Steel base with positioning studs

■

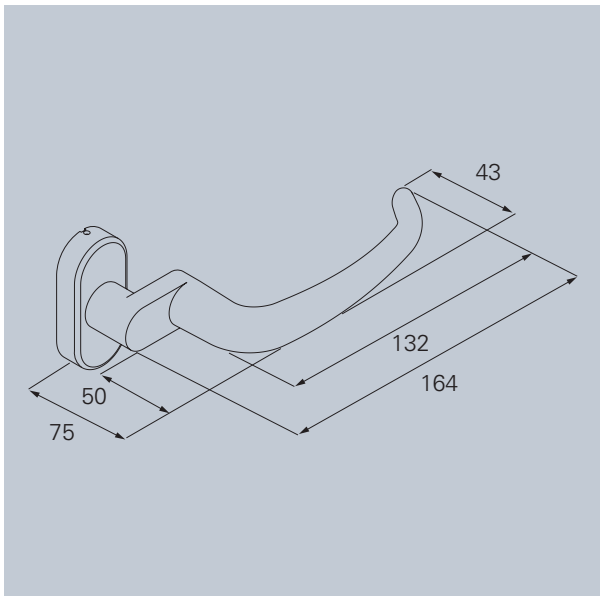
Concealed through-screw technology

■

DIN left / right

■

■ Yes - No □ Option



Material:



Stainless steel



PRODUCT FAMILY D-400

Standard handle

Oval rose handle



D-410 . Page 244



D-490 . Page 252



D-410 . Page 284



D-415 . Page 288

Window handle



F-410 . Page 328

D-415 Oval rose handle

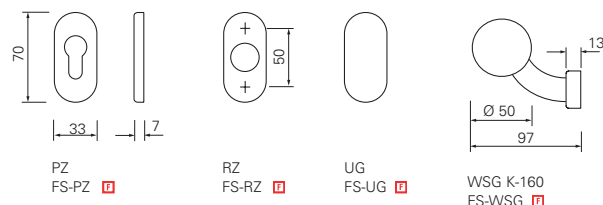


D-415 Oval rose with OGL – friction bearing technology

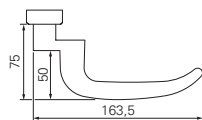
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).













Bore diameter of Ø 23 mm at the lever collar necessary.

Utilization categories: class 4



OGL – OVAL ROSE HANDLE



			Kit sets					Knob		Escutcheon		
	Ø	▣										
	21 mm	8 mm	178472.46	185105.46	185115.46	185110.46	185125.46	178200.46	178202.46	176850.46	176852.46	176851.46
	21 mm	9 mm	178470.46	385105.46	385115.46	385110.46	385125.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

*Base rosette incl. fire-proof plate



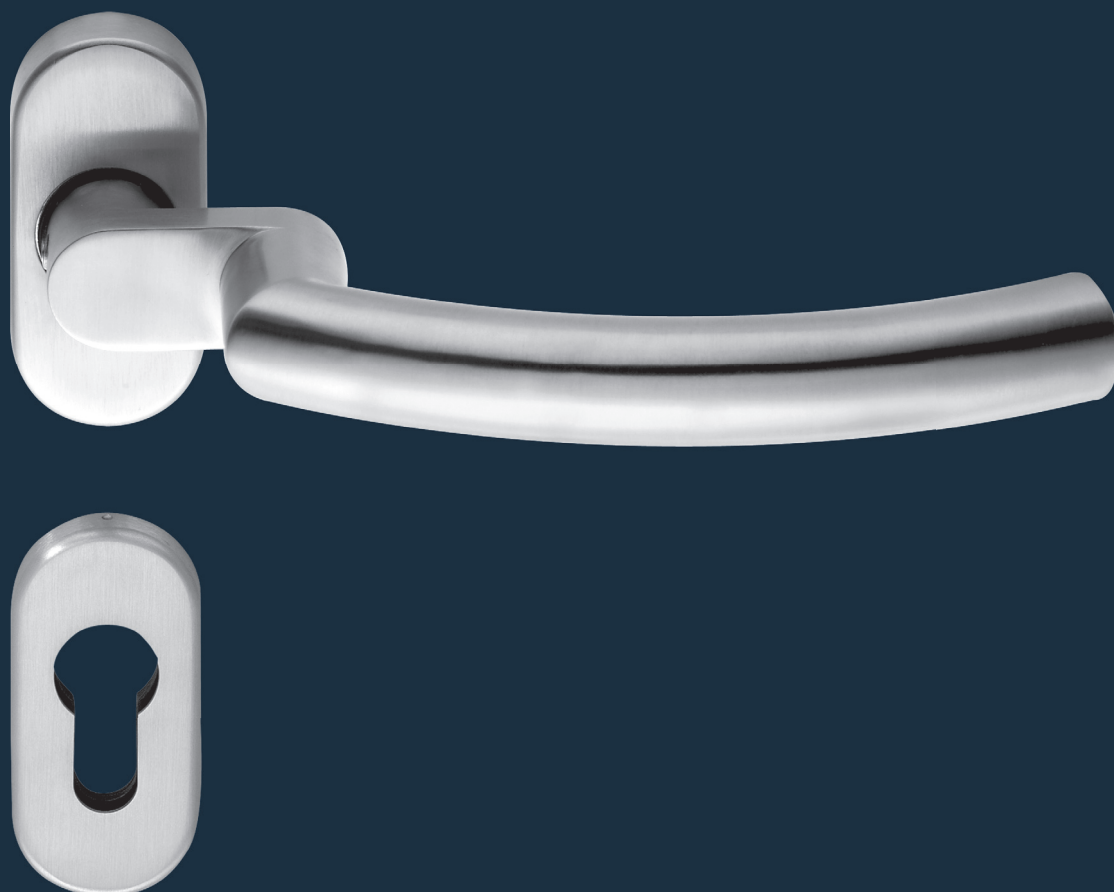
ECO D-415

Archetype: Ulm handle

Made for getting to grips with! The archetype of this U-shaped handle was named after the Ulm School of Design where it was first used in the 1950s. The draft was based at the time on the door handles of the trains run by the Swiss railway.

ECO Schulte reworked the Ulm handle with its own factory design version D-415 for profile frame doors.

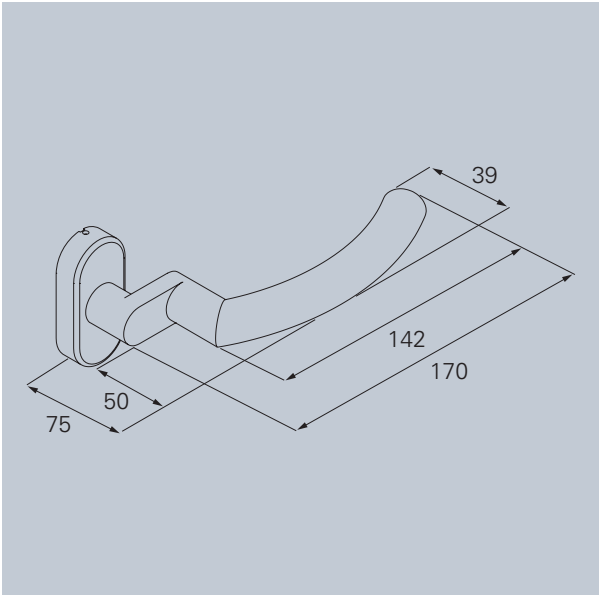
ECO D-515



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	-
Lever form for escape doors and emergency exits	-
Restoring spring	■
Fixable bearing	■
Steel base with positioning studs	■
Concealed through-screw technology	■
DIN left / right	■

■ Yes - No □ Option



Material:

ER Stainless steel



PRODUCT FAMILY D-500

Standard handle



D-510 . Page 256

Handle on plate



D-510 . Page 260

Oval rose handle



D-515 . Page 292

D-515 Oval rose handle

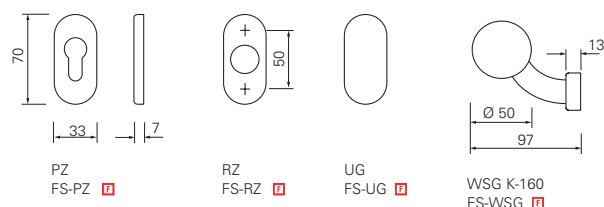


D-515 Oval rose with OGL – friction bearing technology

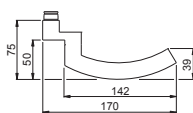
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).











Bore diameter of Ø 23 mm at the lever collar necessary.

User category: class 4



OGL – OVAL ROSE HANDLE



			Kit sets					Knob		Escutcheon		
	Ø	▣										
S	21 mm	8 mm	178492.46	185905.46	185915.46	185920.46	185925.46	178200.46	178202.46	176850.46	176852.46	176851.46
F	21 mm	9 mm	178490.46	385905.46	385915.46	385910.46	385925.46	178200.46	178204.46	176850.46	176852.46	176851.46

Finish: Stainless steel matt. PVD and polished on request

*Base rosette incl. fire-proof plate



ECO D-515 Hand-shape handle

As far as the typology is concerned, this handle constitutes a connection between the Frankfurt mitred handle and the Ulm handle. The design of this factory design draft D-500 is discreet, easy to grip and orientated towards the direction of movement.

ECO Schulte reworked the Ulm handle with its own factory design version D-515 for profile frame doors.


Security handle sets



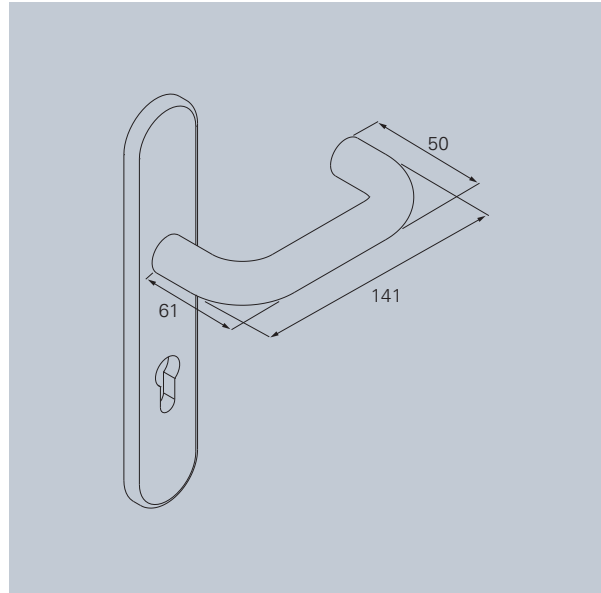
ECO D-110 Security handle sets



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested Fire-protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Tested acc. to	DIN 18 257
Fixable bearing	■
Steel base in inner and outer plate	■
Concealed through-screw technology	■
Inside with lever	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium



PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 198



D-120 . Page 210



D-190 . Page 216



D-110 . Page 201, 207

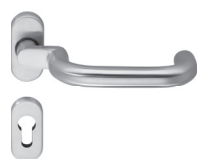


D-110 . Page 204

Oval rose handle

Security handle

Window handle



D-115 . Page 264



D-116 . Page 268



D-110 . Page 298



D-111 . Page 308



D-116 . Page 320



F-110 . Page 328

D-110 Long plate security handle set ES 3



D-110 Long plate security handle set ES 3 with OGL

Fixed in maintenance-free bearing.

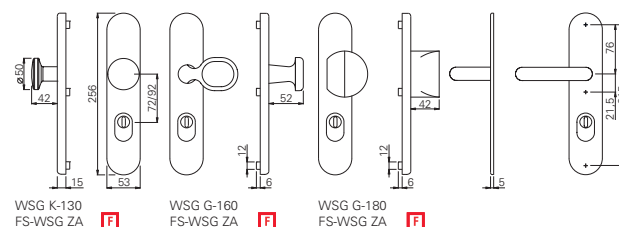
Anti-burglary protection class ES 3 / class 4.

Available with knob K-130 and grip plates G-160 and G-180.

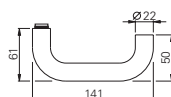
User category: class 4

Outside: mounting height 15 mm

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET










EN 1906

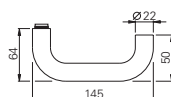
EN 179

F



				Kit sets ZA			
	Ø	Distance	∇				
	21 mm	72 mm	8 mm	713312.46	713342.46	713322.46	713362.46
	21 mm	72 mm	9 mm	763312.46	763342.46	763322.46	763362.46
	21 mm	92 mm	10 mm	743512.46	743542.46	743522.46	743562.46

Finish: Stainless steel matt, further colours on request










EN 1906

EN 179

F



				Kit handles ZA			
	Ø	Distance	∇				
	22 mm	72 mm	8 mm	713312.30	713342.30	713322.30	713362.30
	22 mm	72 mm	9 mm	763312.30	763342.30	763322.30	763362.30
	22 mm	92 mm	10 mm	743512.30	743542.30	743522.30	743562.30

Finish: Aluminium anodised, further colours on request.

D-110 Long plate security handle set ES 2



D-110 Long plate security handle set ES 2 with OGL

Fixed in maintenance-free bearing.

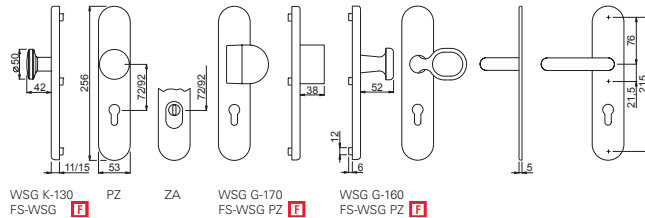
Anti-burglary protection class ES 2 / class 3.

Available with knob K-130 and grip plates G-160 and G-170.

User category: class 4

Outside: mounting height 15 mm (11 mm on request)

FS-92 on request



WSG K-130
FS-WSG

PZ

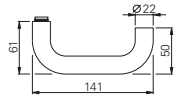
ZA

WSG G-170
FS-WSG PZ

WSG G-160
FS-WSG PZ

F

OGL – LONG PLATE SECURITY HANDLE SET














EN 1906

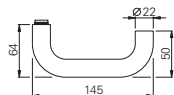
EN 179

F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
											
	21 mm	72 mm	8 mm	712311.46	712341.46	712321.46	712361.46	712312.46	712342.46	712322.46	712362.46
	21 mm	72 mm	9 mm	762311.46	762341.46	762321.46	762361.46	762312.46	762342.46	762322.46	762362.46
	21 mm	92 mm	10 mm	742511.46	742541.46	742521.46	742561.46	742512.46	742542.46	742522.46	742562.46

Finish: Stainless steel matt, further colours on request














EN 1906

EN 179

F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
											
	22 mm	72 mm	8 mm	712311.30	712341.30	712321.30	712361.30	712312.30	712342.30	712322.30	712362.30
	22 mm	72 mm	9 mm	762311.30	762341.30	762321.30	762361.30	762312.30	762342.30	762322.30	762362.30
	22 mm	92 mm	10 mm	742511.30	742541.30	742521.30	742561.30	742512.30	742542.30	742522.30	742562.30

Finish: Aluminium anodised, further colours on request.

D-110 Long plate security handle set ES 2



D-110 Long plate security handle set ES 2 with OGL

Fixed in maintenance-free bearing.

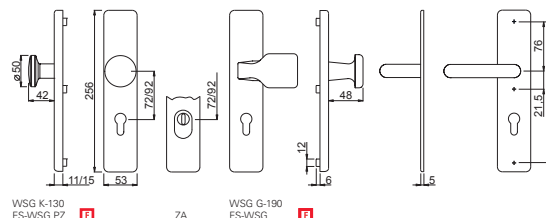
Anti-burglary protection class ES 2 / class 3.

Available with knob K-130 and grip plate G-190.

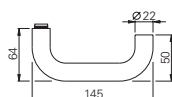
User category: class 4

Outside: mounting height 15 mm (11 mm on request)

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET












EN 1906

EN 179

F



	Ø	Distance	□	Kit sets PZ			Kit sets ZA		
									
	22 mm	72 mm	8 mm	718311.30	718341.30	718301.30	718312.30	718342.30	718302.30
	22 mm	72 mm	9 mm	768311.30	768341.30	768301.30	768312.30	768342.30	768302.30
	22 mm	92 mm	10 mm	748511.30	748541.30	748501.30	748512.30	748542.30	748502.30

Finish: Aluminium anodised, further colours on request.

D-110 Long plate security handle set ES 1



D-110 Long plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.

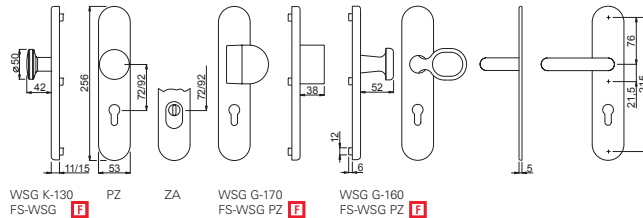
Anti-burglary protection class ES 1 / class 2.

Available with knob K-130 and grip plates G-160 and G-170.

User category: class 4

Outside: mounting height 15 mm (11 mm on request)

FS-92 on request



WSG K-130
FS-WSG

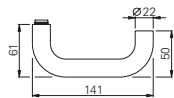
PZ

ZA

WSG G-170
FS-WSG PZ

WSG G-160
FS-WSG PZ

OGL – LONG PLATE SECURITY HANDLE SET



EN 1906

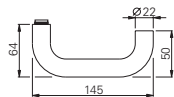
EN 179

F



	Ø	Distance	□	Kit sets PZ				Kit sets ZA			
S	21 mm	72 mm	8 mm	711311.46	711341.46	711321.46	711371.46	711312.46	711342.46	711322.46	711372.46
F	21 mm	72 mm	9 mm	761311.46	761341.46	761321.46	761371.46	761312.46	761342.46	761322.46	761372.46
	21 mm	92 mm	10 mm	741511.46	741541.46	741521.46	741571.46	741512.46	741542.46	741522.46	741572.46

Finish: Stainless steel matt, further colours on request



EN 1906

EN 179

F



	Ø	Distance	□	Kit sets PZ				Kit sets ZA			
S	22 mm	72 mm	8 mm	711311.30	711341.30	711321.30	711371.30	711312.30	711342.30	711322.30	711372.30
F	22 mm	72 mm	9 mm	761311.30	761341.30	761321.30	761371.30	761312.30	761342.30	761322.30	761372.30
	22 mm	92 mm	10 mm	741511.30	741541.30	741521.30	741571.30	741512.30	741542.30	741522.30	741572.30

Finish: Aluminium anodised, further colours on request.

D-110 Long plate security handle set ES 1



D-110 Long plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.

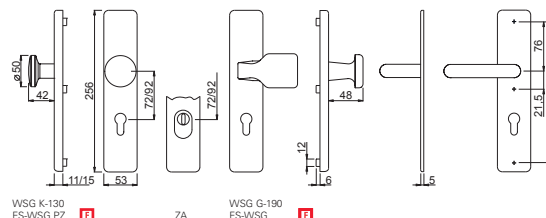
Anti-burglary protection class ES 1 / class 2.

Available with knob K-130 and grip plate G-190.

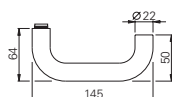
User category: class 4










Outside: mounting height 15 mm (11 mm on request)

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET



	Ø	Distance	□	Kit sets PZ			Kit sets ZA		
									
	22 mm	72 mm	8 mm	717311.30	717341.30	717301.30	717312.30	717342.30	717302.30
	22 mm	72 mm	9 mm	767311.30	767341.30	767301.30	767312.30	767342.30	767302.30
	22 mm	92 mm	10 mm	747511.30	747541.30	747501.30	747512.30	747542.30	747502.30

Finish: Aluminium anodised, further colours on request.

D-110 Long plate security handle set ES 0



D-110 Long plate security handle set ES 0 with OGL

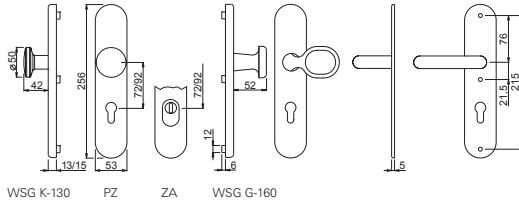
Anti-burglary protection class ES 0 / class 1.

Available with knob K-130 and grip plate G-160.

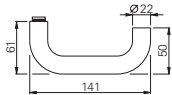
User category class 3

Outside: mounting height 13 mm on request.

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET



EN 1906

EN 179



	Ø	Distance	□	Kit sets PZ			Kit sets ZA		
	21 mm	72 mm	8 mm	715311.46	715341.46	715321.46	715312.46	715342.46	715322.46
	21 mm	92 mm	10 mm				745512.46	745542.46	745522.46

Finish: Stainless steel matt, further colours on request

D-110 Long plate security handle set ES 0



D-110 Long plate security handle set ES 0 with OGL

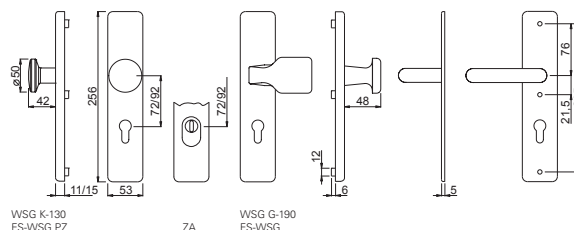
Anti-burglary protection class ES 0 / class 1.

Available with knob K-130 and grip plate G-190.

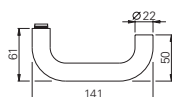
User category class 3

Outside: mounting height 15 mm (11 mm on request.)

FS-92 on request.












OGL – LONG PLATE SECURITY HANDLE SET



EN 1906

 EN 179 


	Ø	Distance	□	Kit sets PZ			Kit sets ZA		
									
	21 mm	72 mm	8 mm	719311.46	719341.46	719321.46	719312.46	719342.46	719322.46
	21 mm	88 mm	8,5 mm	719911.46	719941.46	719921.46	719912.46	719942.46	719922.46
	21 mm	92 mm	10 mm				749512.46	749542.46	749522.46

Finish: Stainless steel matt, further colours on request

D-110 Short plate security handle set ES 1



D-110 Short plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.

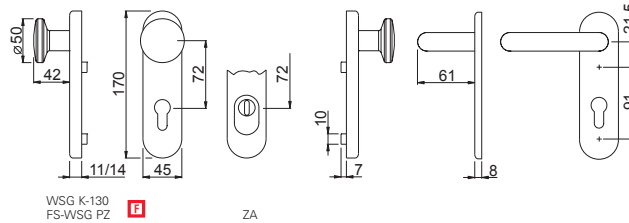
Anti-burglary protection class ES1 / class 2.

Available with knob K-130.

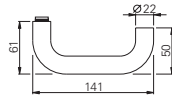
User category class 4

Outside: mounting height 14 mm (11 mm on request.)

FS-92 on request



OGL – SHORT PLATE SECURITY HANDLE SET







EN 1906

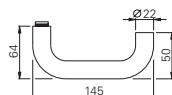
EN 179

F



	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	21 mm	72 mm	8 mm	714311.46	714341.46	714312.46	714342.46
F	21 mm	72 mm	9 mm	764311.46	764341.46	764312.46	764342.46

Finish: Stainless steel matt, further colours on request







EN 1906

EN 179

F




	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	22 mm	72 mm	8 mm	714311.30	714341.30	714312.30	714342.30
F	22 mm	72 mm	9 mm	764311.30	764341.30	764312.30	764342.30

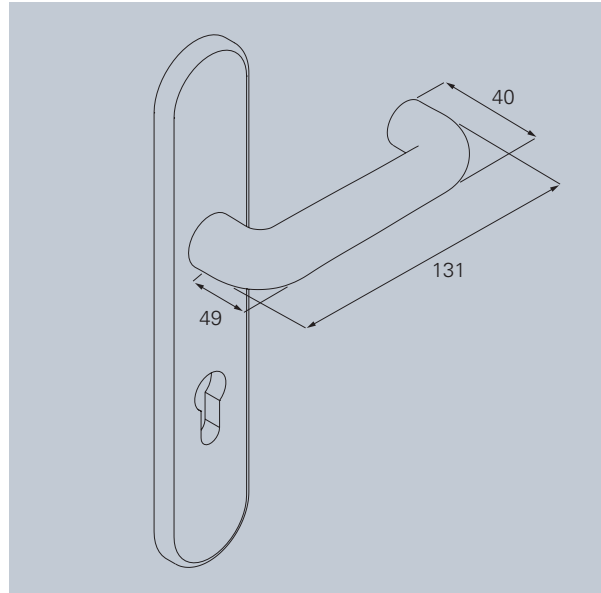
Finish: Aluminium anodised, further colours on request.

ECO D-111 Security handle sets



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	■
Fire-protection tested	■
Lever form for escape doors and emergency exits	EN 179 
Tested acc. to	DIN 18 257
Fixable bearing	■
Steel base in inner and outer plate	■
Concealed through-screw technology	■
Inside with lever	■
■ Yes - No □ Option	



Material:



Aluminium



PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 198



D-120 . Page 210



D-190 . Page 216



D-110 . Page 201, 207



D-110 . Page 204

Oval rose handle

Security handle

Window handle



D-115 . Page 264



D-116 . Page 268



D-110 . Page 298



D-111 . Page 308



D-116 . Page 320



F-110 . Page 329

D-111 Long plate security handle set ES 2



D-111 Long plate security handle set ES 2 with OGL

Aluminium profile frame fitting fixed in maintenance-free bearing.

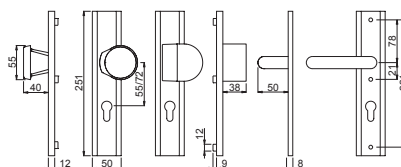
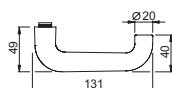
Anti-burglary protection class ES2 / class 3.










Available with grip plates G-140 and G-170.

User category: class 3

Outside: Mounting height 12 mm

FS-92 on request

WSG K-140
ES-WSGWSG K-165
ES-WSG**EN 1906**

				Kit sets PZ			Kit sets ZA		
									
	20 mm	55 mm	8 mm	717011.30	717051.30	717071.30	717012.30	717052.30	717072.30
	20 mm	72 mm	8 mm	717211.30	717251.30	717271.30	717212.30	717252.30	717272.30

Finish: Aluminium anodised, further colours on request.

D-111 Long plate security handle set ES 0



D-111 Long plate security handle set ES 0 with OGL

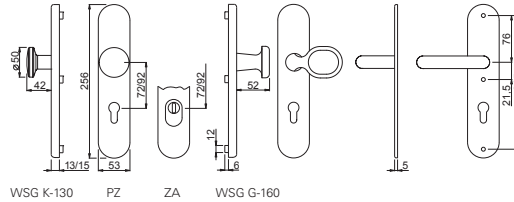
Anti-burglary protection class ES 0 / class 1.

Available with knob K-130 and grip plate G-160.

User category class 3

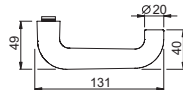
Outside: Mounting height 13 mm on request. PZ hole with nylon insert.

FS-92 on request












WSG K-130 PZ ZA WSG G-160

OGL – LONG PLATE SECURITY HANDLE SET



EN 1906



	Ø	Distance	□	Kit sets PZ			Kit sets ZA		
									
	20 mm	72 mm	8 mm	715311.30	715341.30	715321.30	715312.30	715342.30	715322.30
	20 mm	88 mm	8,5 mm	715911.30	715941.30	715921.30	715912.30	715942.30	715922.30
	20 mm	92 mm	10 mm				745512.30	745542.30	745522.30

Finish: Aluminium anodised, further colours on request.

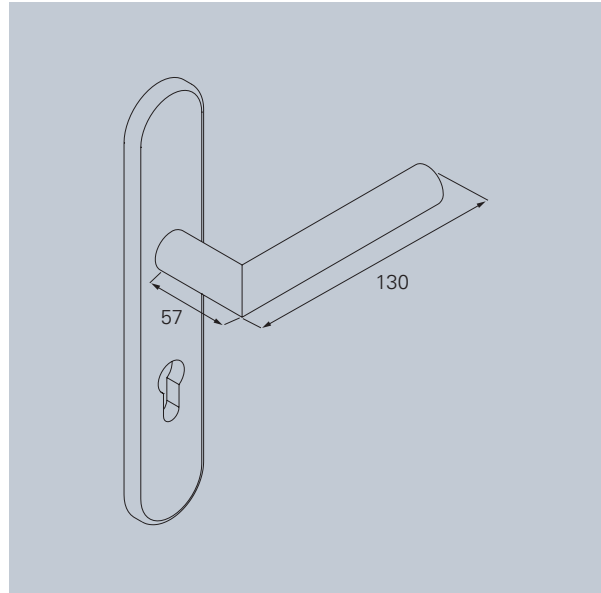
ECO D-310 Security handle sets



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	
Tested acc. to	DIN 18 257
Fixable bearing	■
Steel base in inner and outer plate	■
Concealed through-screw technology	■
Inside with lever	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium



PRODUCT FAMILY D-300

Standard handle



D-310 . Page 226



D-330 . Page 236

Handle on plate



D-330 . Page 239, 242

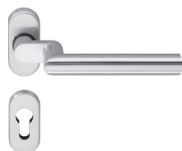


D-330 . Page 241

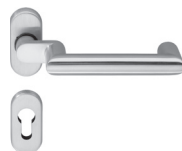
Oval rose handle



D-310 . Page 272



D-315 . Page 276



D-335 . Page 280

Security handle



D-310 . Page 312



D-315 . Page 324

Window handle



F-310 . Page 328

D-310 Long plate security handle set ES 3



D-310 Long plate security handle set ES 3 with OGL

Fixed in maintenance-free bearing.

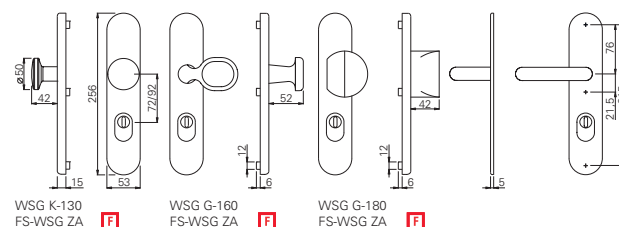
Anti-burglary protection class ES 3 / class 4.

Available with knob K-130 and grip plates G-160 and G-180.

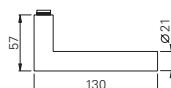
User category: class 4

Outside: mounting height 15 mm

FS-92 on request










OGL – LONG PLATE SECURITY HANDLE SET



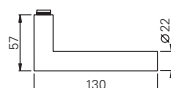
EN 1906

F



				Kit sets ZA			
	Ø	Distance	∇				
	21 mm	72 mm	8 mm	733312.46	733342.46	733322.46	733362.46
	21 mm	72 mm	9 mm	783312.46	783342.46	783322.46	783362.46
	21 mm	92 mm	10 mm	703512.46	703542.46	703522.46	703562.46








Finish: Stainless steel matt, further colours on request



EN 1906

F



				Kit sets ZA			
	Ø	Distance	∇				
	22 mm	72 mm	8 mm	733312.30	733342.30	733322.30	733362.30
	22 mm	72 mm	9 mm	783312.30	783342.30	783322.30	783362.30
	22 mm	92 mm	10 mm	703512.30	703542.30	703522.30	703562.30

Finish: Aluminium anodised, further colours on request.

D-310 Long plate security handle set ES 2



D-310 Long plate security handle set ES 2 with OGL

Fixed in maintenance-free bearing.

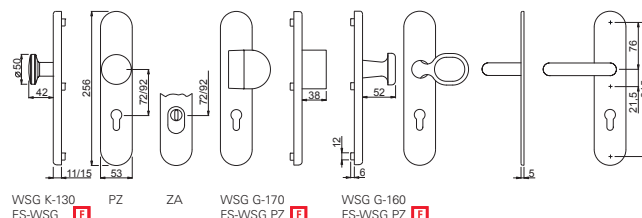
Anti-burglary protection class ES 2 / class 3.

Available with knob K-130 and grip plates G-160 and G-170.

User category: class 4

Outside: mounting height 15 mm (11 mm on request)

FS-92 on request



WSG K-130
FS-WSG



PZ

ZA

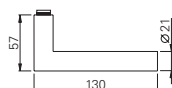
WSG G-170
FS-WSG PZ



WSG G-160
FS-WSG PZ














OGL – LONG PLATE SECURITY HANDLE SET

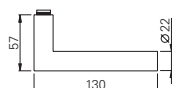


EN 1906














	Ø	Distance	□	Kit sets PZ				Kit sets ZA			
											
	21 mm	72 mm	8 mm	732311.46	732341.46	732321.46	732361.46	732312.46	732342.46	732322.46	732362.46
	21 mm	72 mm	9 mm	782311.46	782341.46	782321.46	782361.46	782312.46	782342.46	782322.46	782362.46
	21 mm	92 mm	10 mm	702511.46	702541.46	702521.46	702561.46	702512.46	702542.46	702522.46	702562.46

Finish: Stainless steel matt, further colours on request



EN 1906



	Ø	Distance	□	Kit sets PZ				Kit sets ZA			
											
	22 mm	72 mm	8 mm	732311.30	732341.30	732321.30	732361.30	732312.30	732342.30	732322.30	732362.30
	22 mm	72 mm	9 mm	782311.30	782341.30	782321.30	782361.30	782312.30	782342.30	782322.30	782362.30
	22 mm	92 mm	10 mm	702511.30	702541.30	702521.30	702561.30	702512.30	702542.30	702522.30	702562.30

Finish: Aluminium anodised, further colours on request.

D-310 Long plate security handle set ES 2



D-310 Long plate security handle set ES 2 with OGL

Fixed in maintenance-free bearing.

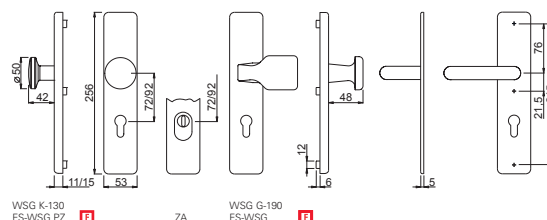
Anti-burglary protection class ES 2 / class 3.

Available with knob K-130 and grip plate G-190.

User category: class 4

Outside: mounting height 15 mm (11 mm on request)

FS-92 on request

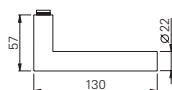


WSG K-130
FS-WSG PZ

ZA

WSG G-190
FS-WSG










OGL – LONG PLATE SECURITY HANDLE SET



EN 1906

F



	Ø	Distance	□	Kit sets PZ			Kit sets ZA		
									
	22 mm	72 mm	8 mm	738311.30	738341.30	738301.30	738312.30	738342.30	738302.30
	22 mm	72 mm	9 mm	788311.30	788341.30	788301.30	788312.30	788342.30	788302.30
	22 mm	92 mm	10 mm	708511.30	708541.30	708501.30	708512.30	708542.30	708502.30

Finish: Aluminium anodised, further colours on request.

D-310 Long plate security handle set ES 1



D-310 Long plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.

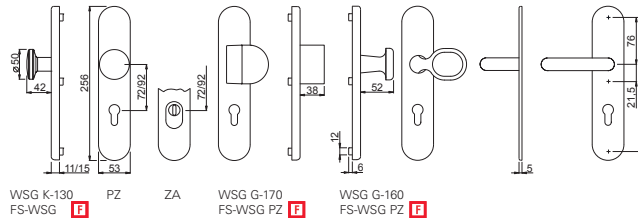
Anti-burglary protection class ES 1 / class 2.

Available with knob K-130 and grip plates G-160 and G-170.

User category: class 4

Outside: mounting height 15 mm (11 mm on request)

FS-92 on request



WSG K-130
FS-WSG



PZ

ZA

WSG G-170
FS-WSG PZ



WSG G-160
FS-WSG PZ














OGL – LONG PLATE SECURITY HANDLE SET

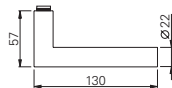


EN 1906














	Ø	Distance	□	Kit sets PZ				Kit sets ZA			
											
	21 mm	72 mm	8 mm	731311.46	731341.46	731321.46	731371.46	731312.46	731342.46	731322.46	731372.46
	21 mm	72 mm	9 mm	781311.46	781341.46	781321.46	781371.46	781312.46	781342.46	781322.46	781372.46
	21 mm	92 mm	10 mm	701511.46	701541.46	701521.46	701571.46	701512.46	701542.46	701522.46	701572.46

Finish: Stainless steel matt, further colours on request



EN 1906



	Ø	Distance	□	Kit sets PZ				Kit sets ZA			
											
	22 mm	72 mm	8 mm	731311.30	731341.30	731321.30	731371.30	731312.30	731342.30	731322.30	731372.30
	22 mm	72 mm	9 mm	781311.30	781341.30	781321.30	781371.30	781312.30	781342.30	781322.30	781372.30
	22 mm	92 mm	10 mm	701511.30	701541.30	701521.30	701571.30	701512.30	701542.30	701522.30	701572.30

Finish: Aluminium anodised, further colours on request.

D-310 Long plate security handle set ES 1



D-310 long plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.

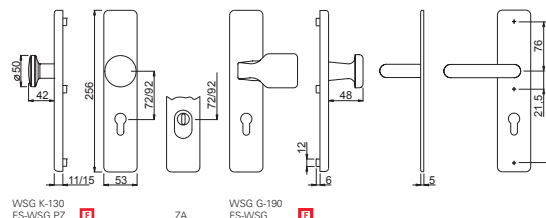
Anti-burglary protection class ES 1 / class 2.

Available with knob K-130 and grip plate G-190.

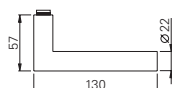
User category: class 4

Outside: mounting height 15 mm (11 mm on request)

FS-92 on request












OGL – LONG PLATE SECURITY HANDLE SET



EN 1906

F



	Ø	Distance	□	Kit sets PZ			Kit sets ZA		
									
	22 mm	72 mm	8 mm	737311.30	737341.30	737301.30	737312.30	737342.30	737302.30
	22 mm	72 mm	9 mm	787311.30	787341.30	787301.30	787312.30	787342.30	787302.30
	22 mm	92 mm	10 mm	707511.30	707541.30	707501.30	707512.30	707542.30	707502.30

Finish: Aluminium anodised, further colours on request.

D-310 Short plate security handle set ES 1



D-310 Short plate security handle set ES 1 with OGL

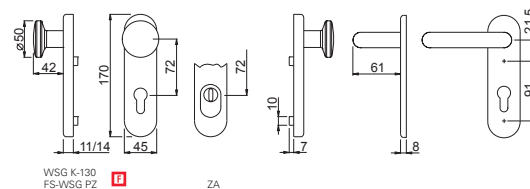
Fixed in maintenance-free bearing.

Anti-burglary protection class ES 1 / class 2.

Available with knob K-130.

User category: class 4

Outside: mounting height 14 mm (11 mm on request)







OGL – SHORT PLATE SECURITY HANDLE SET



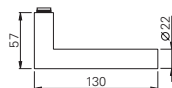
EN 1906

F



	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	21 mm	72 mm	8 mm	734311.46	734341.46	734312.46	734342.46
F	21 mm	72 mm	9 mm	784311.46	784341.46	784312.46	784342.46





Finish: Stainless steel matt, further colours on request



EN 1906

F



	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	22 mm	72 mm	8 mm	734311.30	734341.30	734312.30	734342.30
F	22 mm	72 mm	9 mm	784311.30	784341.30	784312.30	784342.30

Finish: Aluminium anodised, further colours on request.

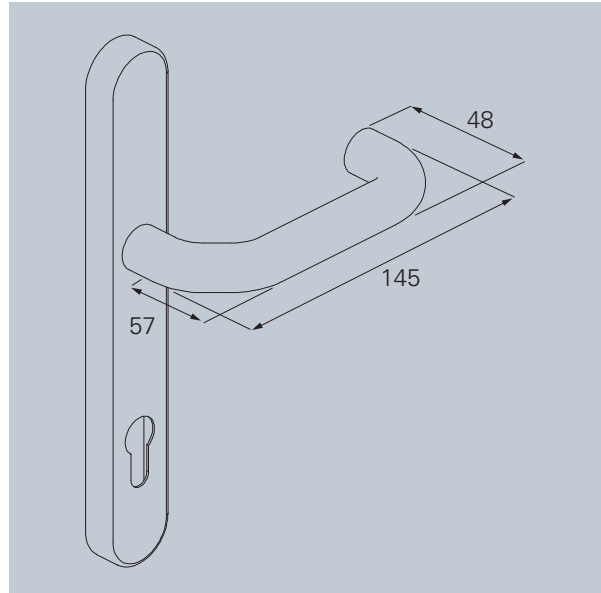
ECO D-116



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	
Lever form for escape doors and emergency exits	EN 179
Tested acc. to	DIN 18 257
Fixable bearing	■
Steel base in inner and outer plate	■
Concealed continous triple screw connection.	■
Inside with lever	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium



PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 198



D-120 . Page 210



D-190 . Page 216



D-110 . Page 201, 207



D-110 . Page 204

Oval rose handle

Security handle

Window handle



D-115 . Page 264



D-116 . Page 268



D-110 . Page 298



D-111 . Page 308



D-116 . Page 320



F-110 . Page 328

D-116 Security handle set for profile frame doors



D-116 Security handle set for profile frame doors with OGL – friction bearing technology

Fixed in maintenance-free bearing.

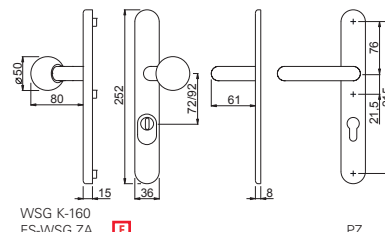
Anti-burglary protection class ES 1 / class 2.

Available with knob K-160.

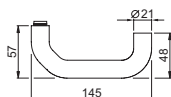
User category: class 4

Outside: mounting height 15 mm

Distance: 72 mm also available as FS version with 9 mm spindle



OGL – SECURITY HANDLE SET FOR PROFILE FRAME DOORS








EN 1906

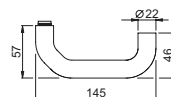
EN 179

F



	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	21 mm	72 mm	8 mm	822311.46	822341.46	822312.46	822342.46
F	21 mm	92 mm	9 mm	824511.46	824541.46	824512.46	824542.46
	21 mm	92 mm	10 mm	826511.46	826541.46	826512.46	826542.46

Finish: Stainless steel matt, further colours on request








EN 1906

EN 179

F



	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	22 mm	72 mm	8 mm	822311.30	822341.30	822312.30	822342.30
F	22 mm	92 mm	9 mm	824511.30	824541.30	824512.30	824542.30
	22 mm	92 mm	10 mm	826511.30	826541.30	826512.30	826542.30

Finish: Aluminium anodised, further colours on request.



ECO D-100 U-shaped handle

A classic with value added: the advantage of the U-shaped handle lies in the second 90 degree bend. It was used traditionally to prevent people or material from getting "threaded on". The rear bend helps to prevent shopping bags or coat sleeves from getting caught in the handle.

The U-shaped handle also has comfort qualities, because the rear turn supports the ball of the hand when opening the door.

ECO Schulte has the U-shaped handle in its product range as factory design draft D-116

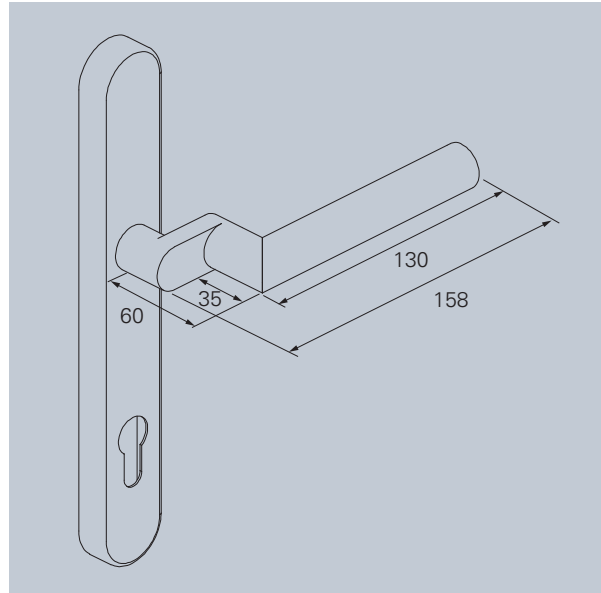
ECO D-315



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle tested	F
Fire-protection tested	
Tested acc. to	DIN 18 257
Fixable bearing	■
Steel base in inner and outer plate	■
Concealed continuous triple screw connection.	■
Inside with lever	■
DIN left / right	■

■ Yes - No □ Option



Material:



Stainless steel



Aluminium



PRODUCT FAMILY D-300

Standard handle



D-310 . Page 226



D-330 . Page 236

Handle on plate



D-330 . Page 239, 242

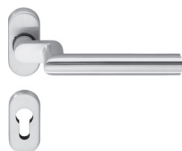


D-330 . Page 241

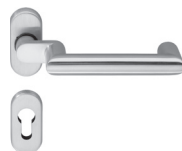
Oval rose handle



D-310 . Page 272



D-315 . Page 276



D-335 . Page 280

Security handle



D-310 . Page 312



D-315 . Page 324

Window handle



F-310 . Page 328

D-315 Security handle set for profile frame doors



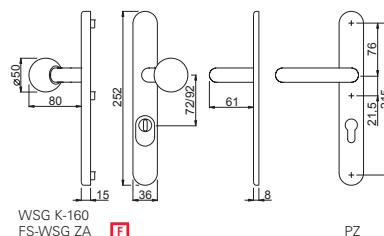
D-315 Security handle set for profile frame doors with OGL – friction bearing technology

Fixed in maintenance-free bearing. Anti-burglary protection class ES 1 / class 2. Available with knob K-160.

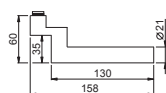
User category: class 4

Outside: mounting height 15 mm

Distance 72 mm also available as FS version with 9 mm spindle








OGL – SECURITY HANDLE SET FOR PROFILE FRAME DOORS



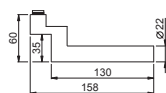
EN 1906

F



	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	21 mm	72 mm	8 mm	852311.46	852341.46	852312.46	852342.46
F	21 mm	92 mm	9 mm	854511.46	854541.46	854512.46	854542.46
	21 mm	92 mm	10 mm	856511.46	856541.46	856512.46	856542.46






Finish: Stainless steel matt, further colours on request



EN 1906

F



	Ø	Distance	□	Kit sets PZ		Kit sets ZA	
							
S	22 mm	72 mm	8 mm	882311.30	882341.30	882312.30	882342.30
F	22 mm	92 mm	9 mm	884511.30	884541.30	884512.30	884542.30
	22 mm	92 mm	10 mm	886511.30	886541.30	886512.30	886542.30

Finish: Aluminium anodised, further colours on request.

Europaparlament, Brüssel,
Belgium



ECO handle technology Comings and goings

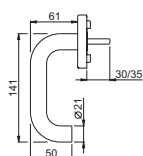
The encounter with the handle is aesthetic and ergonomic at the same time. The first thing is "what the handle feels like" and this refers not only to its shape but also to its mechanical qualities when pressed. The high-quality bearings in the handle not only allow it to function for a long time, they also convey a feeling of quality. ECO Schulte underscores this by granting a five-year warranty on its handle range.

Window handles

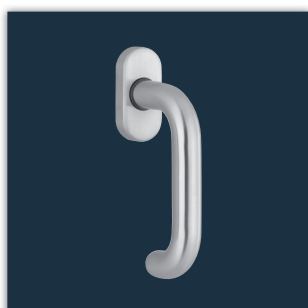


F-110

Nylon base rose with 10 mm or 12 mm positioning studs.
Handle diameter: 21 mm. 7 mm spindle, 30 mm projection. 90° catch point.
Further spindle lengths on request

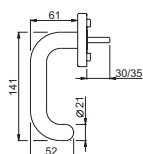


F-110.ER. U-Form	Colour	Studs	Spindle	Art.-No.
F-110.ER.12/30	Satin stainless steel	12 mm	7 x 30 mm	270807.46
F-110.ER.12/35	Satin stainless steel	12 mm	7 x 35 mm	270808.46
F-110.ER.10/30	Satin stainless steel	10 mm	7 x 30 mm	270805.46
F-110.ER.10/35	Satin stainless steel	10 mm	7 x 35 mm	270806.46

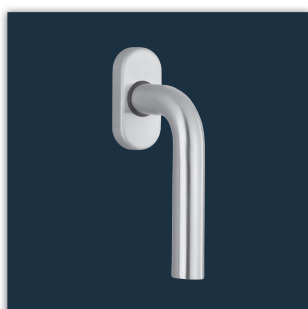


F-120

Nylon base rose with 10 mm or 12 mm positioning studs.
Handle diameter: 21 mm. 7 mm spindle, 30 mm projection. 90° catch point.
Further spindle lengths on request

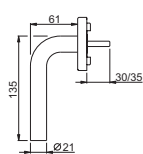


F-120.ER.UR-Form	Colour	Studs	Spindle	Art.-No.
F-120.ER.12/30	Satin stainless steel	12 mm	7 x 30 mm	270817.46
F-120.ER.12/35	Satin stainless steel	12 mm	7 x 35 mm	270819.46
F-120.ER.10/30	Satin stainless steel	10 mm	7 x 30 mm	270815.46
F-120.ER.10/35	Satin stainless steel	10 mm	7 x 35 mm	270816.46



F-210

Nylon base rose with 10 mm or 12 mm positioning studs.
Handle diameter: 21 mm. 7 mm spindle, 30 mm projection. 90° catch point.
Further spindle lengths on request

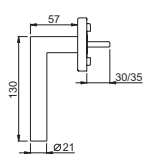


F-210.ER. L-Form	Colour	Studs	Spindle	Art.-No.
F-210.ER.12/30	Satin stainless steel	12 mm	7 x 30 mm	270837.46
F-210.ER.12/35	Satin stainless steel	12 mm	7 x 35 mm	270838.46
F-210.ER.10/30	Satin stainless steel	10 mm	7 x 30 mm	270835.46
F-210.ER.10/35	Satin stainless steel	10 mm	7 x 35 mm	270836.46



F-310

Nylon base rose with 10 mm or 12 mm positioning studs.
Handle diameter: 21 mm. 7 mm spindle, 30 mm projection. 90° catch point.
Further spindle lengths on request

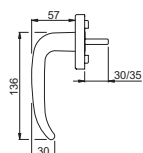


F-310.ER.CL-Form	Colour	Studs	Spindle	Art.-No.
F-310.ER.12/30	Satin stainless steel	12 mm	7 x 30 mm	270837.46
F-310.ER.12/35	Satin stainless steel	12 mm	7 x 35 mm	270838.46
F-310.ER.10/30	Satin stainless steel	10 mm	7 x 30 mm	270865.46
F-310.ER.10/35	Satin stainless steel	10 mm	7 x 35 mm	270866.46



F-410

Nylon base rose with 10 mm or 12 mm positioning studs.
Handle diameter: 21 mm. 7 mm spindle, 30 mm projection. 90° catch point.
Further spindle lengths on request



F-410.ER. U-Form	Colour	Studs	Spindle	Art.-No.
F-410.ER.12/30	Satin stainless steel	12 mm	7 x 30 mm	270701.46
F-410.ER.12/35	Satin stainless steel	12 mm	7 x 35 mm	270703.46
F-410.ER.10/30	Satin stainless steel	10 mm	7 x 30 mm	270700.46
F-410.ER.10/35	Satin stainless steel	10 mm	7 x 35 mm	270704.46

Accessories










Knobs



K-130

Knob K-130. Completely rivetted to base rosette. Complete with cover rosette and pre-mounted sleeve nuts (M5 x 30 mm). M8 thread for a spindle for a knob / lever set.

Please order the fixing material separately.






 OG L			EN 1906	EN 179	F
					
ER	691570.46	691500.46	691440.46		
AI	691570.30	691500.30	691440.30	691501.30	691441.30

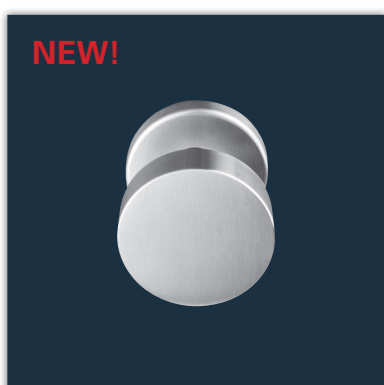


K-165

Knob K-165. Completely rivetted to base rosette. Complete with cover rosette and pre-mounted sleeve nuts (M5 x 30 mm). M12 thread for a spindle for a knob / lever set.

Please order the fixing material separately.

 OG L			EN 1906	EN 179	F
					
ER	691571.46	692200.46	692300.46		









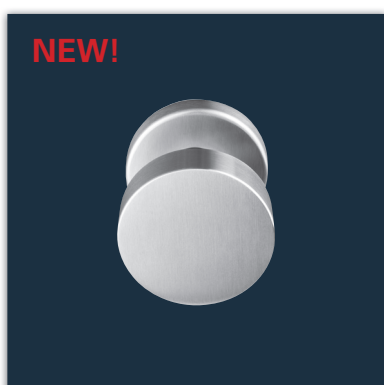
K-135

OKL-FS knob K-135. Completely rivetted to base rosette (ER), complete with cover rosette (stainless steel matt) and pre-mounted sleeve nuts (M5 x 30 mm).

M12 thread for a spindle for a knob/lever set.

Please order the fixing material separately.







 OG L		 OK L		EN 1906	EN 179	F
						
ER	693000.46	693500.46	693550.46			



K-135

OKL-FS knob K-135. Completely rivetted to base rosette (ER), complete with cover rosette (stainless steel matt) and pre-mounted sleeve nuts (M5 x 30 mm). **M8 thread for a spindle for a knob/lever set.**

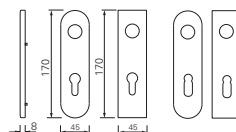
Please order the fixing material separately.





 OG L		 OK L		EN 1906	EN 179	F
						
ER	694000.46	694500.46	694550.46			

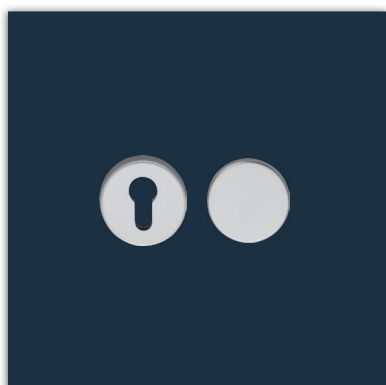
Security plates / -roses



Short plate






EN 1906
EN 179
F

				
ER	326198.46	326196.46		
AI	327198.30	327197.30	327180.30	327181.30
Ku	333727.02	333720.02	325180.02	325194.02



Roses


EN 1906
EN 179
F

				
ER	366070.46	366075.46	176605.46	176606.46
AI	367071.30	367075.30	177605.30	177606.30
Ku	354810	354811	361100	361135



Set of security roses with PZ hole

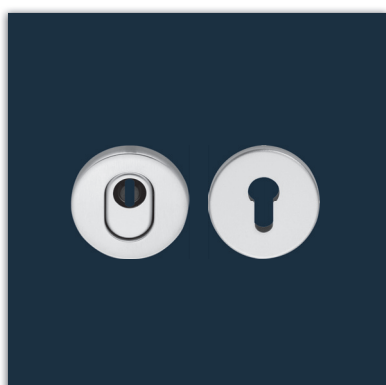
Material: Stainless steel matt

Consists of:

- Security rose with positioning studs (PZ)
- Steel base rose with cover rose (PZ)
- Fixing material



Execution	11 mm	14 mm
Article number	214500.46	214510.46



Set of security roses with pull-off protection (ZA)

Material: Stainless steel matt

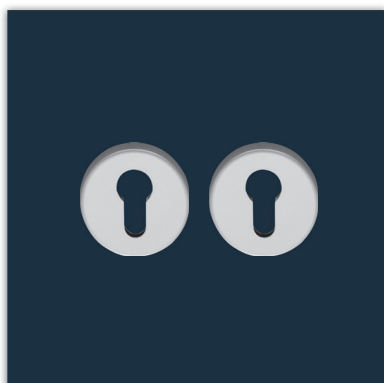
Consists of:

- Security rose with positioning stud (ZA), steel base rose with cover rose (PZ)
- Fixing material
- Pull-off protection (ZA)



Execution	14 mm
Article number	214515.46

Security roses



Set of security roses with PZ hole

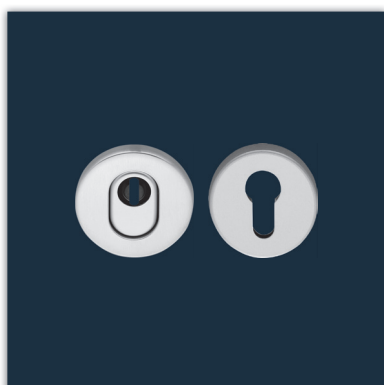
Material: Aluminium F1

Consists of:

- Security rose with positioning studs (PZ), steel base rose with cover rose (PZ)
- Fixing material



Execution	11 mm	14 mm
Article number	214500.30	214510.30



Set of security roses with pull-off protection (ZA)

Material: Aluminium F1

Consists of:

- Security rose with positioning stud (ZA), steel base rose with cover rose (PZ)
- Fixing material
- Pull-off protection (ZA)



Execution	14 mm
Article number	214515.30



Security rose with pull-off protection (ZA)

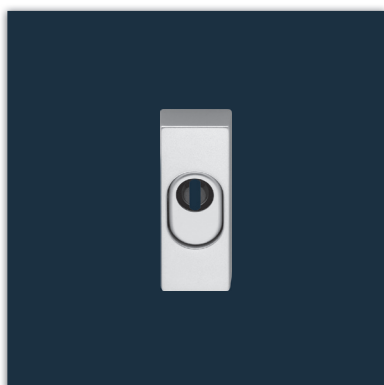
Square Form, two-parted

Material: Aluminium F1

Concealed screw fastening with stainless steel base



Execution	16 mm
Article number	214595.46



Security rose with pull-off protection (ZA)

Square Form, two-parted

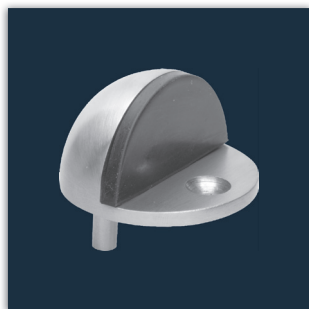
Material: Aluminium F1

Concealed screw fastening with stainless steel base



Execution	16 mm
Article number	214595.30

Door stop



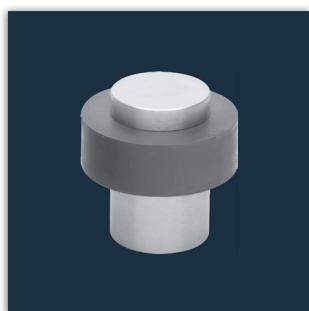
Door stop BS 44

Material: Stainless steel 1.4301

Finish: Satinized
including fixing material



Execution	Door stop BS 44
Article number	257001.46



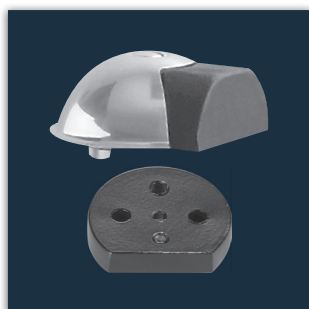
Door stop BS 45

Material: Stainless steel 1.4301

Finish: Satinized
including fixing material



Execution	Door stop BS 45
Article number	257002.46



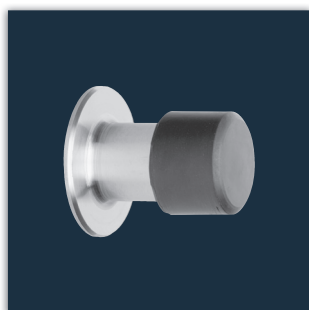
Door stop BS 65

Material: Stainless steel 1.4301.

Finish: Satinized
including fixing material



Execution	Door stop BS 65	Base plate for BS 65 13 mm high (black lacquered)*
Article number	257009.46	25701214



Door stop for walls WS 46

Material: Stainless steel 1.4301

Finish: Satinized
including fixing material



Execution	Door stop for walls WS 46
Article number	257008.46



Door stop for walls WS 76

Material: Stainless steel 1.4301.

Finish: Satinized
including fixing material



Execution	Door stop for walls WS 76
Article number	257007.46

Push-pull handles



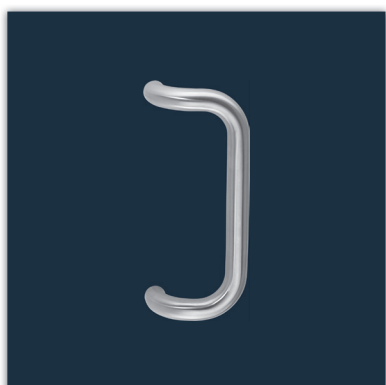
Push-pull handle straight

Handle diameter 32 mm. Distance between centres 300 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

Note: Further centre distances on request.

The accessory for the single-sided fastening has to be ordered separately.

Execution	Single-sided without fixing material	Double-sided incl. fixing material
Article number	255611.46	255621.46



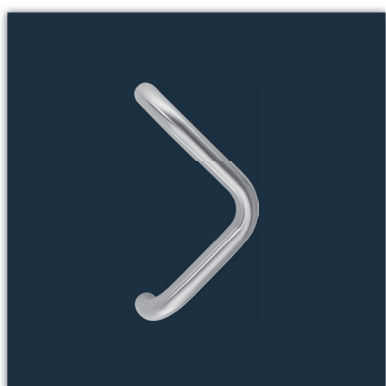
Push-pull handle cranked

Handle diameter 32 mm. Distance between centres 300 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

Note: Further centre distances on request.

The accessory for the single-sided fastening has to be ordered separately.

Execution	Single-sided without fixing material	Double-sided incl. fixing material
Article number	255614.46	255624.46



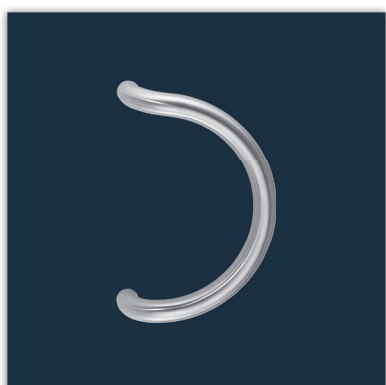
Push-pull handle triangular

Handle diameter 32 mm. Distance between centres 300 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

Note: Further centre distances on request.

The accessory for the single-sided fastening has to be ordered separately.

Execution	Single-sided without fixing material	Double-sided incl. fixing material
Article number	255613.46	255623.46



Push-pull handle semi-circular

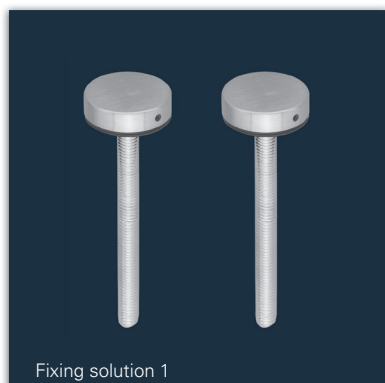
Handle diameter 32 mm. Distance between centres 210 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

Note: Further centre distances on request.

The accessory for the single-sided fastening has to be ordered separately.

Execution	Single-sided without fixing material	Double-sided incl. fixing material
Article number	255612.46	255622.46

Fixing solutions for push-pull handles



Fixing solution 1 for push-pull handles

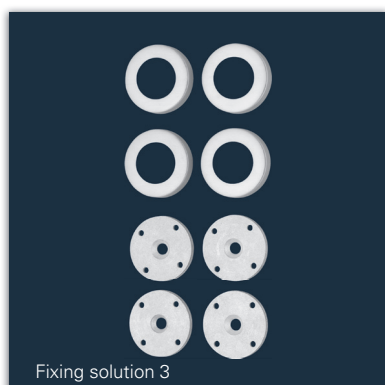
Single-sided fixing with rose for door thickness 50 – 80 mm.

Fixing solution 2 for push-pull handles

Double-sided fixing with rose for screw-on fastening for door thickness 10 - 40 mm / 40 - 80 mm.

Invisible screwing, accessory set without illustration.

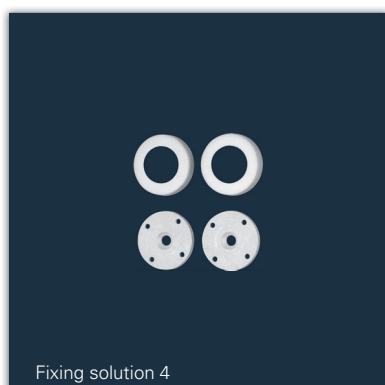
Execution	Fixing solution 1 for push-pull handles	Fixing solution 2 for push-pull handles
Article number	255601	255600



Fixing solution 3 for push-pull handles

Double-sided fixing with rose for screw-on fastening.

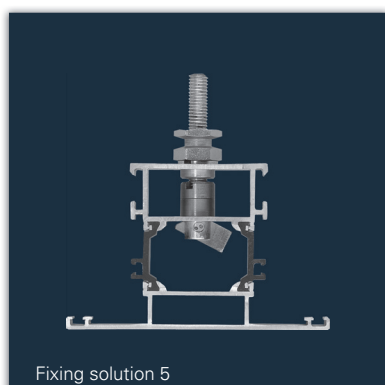
Execution	Fixing solutions 3 for push-pull handles
Article number	255602



Fixing solution 4 for push-pull handles

Single-sided fixing with rose.

Execution	Fixing solutions 4 for push-pull handles
Article number	255603



Fixing solution 5 for push-pull handles

Single-sided fixing for hollow profiles.

Execution	Fixing solutions 5 for push-pull handles
Article number	255808

Spindle for standard handles



Spindle (8 mm)

For standard handles:

The fixing is carried out by a "set screw-headless with cup point" (DIN 916).

When seizing, the screw pushes on / into the spindle.

Further lengths on request.

Article number	Spindle	Length
900607.43	Ø 8 mm	60 mm
900584.43	Ø 8 mm	90 mm
900591.43	Ø 8 mm	100 mm
900594.43	Ø 8 mm	120 mm
900601.43	Ø 8 mm	140 mm

Spindle (8,5 mm) Ö-Norm

For standard handles:

The fixing is carried out by a "set screw-headless with cup point" (DIN 916).

When seizing, the screw pushes on / into the spindle.

Further lengths on request.

Article number	Spindle	Length
900744.43	Ø 8,5 mm	110 mm
900745.43	Ø 8,5 mm	125 mm
900746.43	Ø 8,5 mm	137 mm

Spindle (9 mm)

For standard handles, fire-proof:

The fixing is carried out by a "set screw-headless with cup point" (DIN 916).

When seizing, the screw pushes on / into the spindle.

Further lengths on request.



Article number	Spindle	Length
900511.43	Ø 9 mm	60 mm
900571.43	Ø 9 mm	70 mm
900577.43	Ø 9 mm	100 mm
900581.43	Ø 9 mm	125 mm
900551.43	Ø 9 mm	140 mm

Spindle (10 mm)

For standard handles:

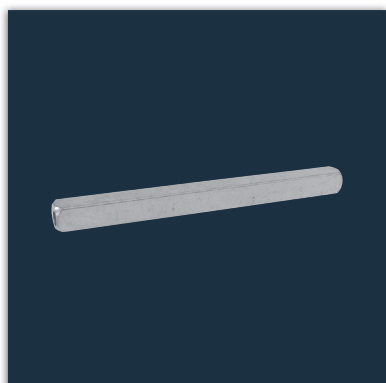
The fixing is carried out by a "set screw-headless with cup point" (DIN 916).

When seizing, the screw pushes on / into the spindle.

Further lengths on request.

Article number	Spindle	Length
901040.43	Ø 10 mm	113 mm
901041.43	Ø 10 mm	120 mm
901042.43	Ø 10 mm	125 mm
901043.43	Ø 10 mm	130 mm
901044.43	Ø 10 mm	145 mm

Spindle with offset drilling



Spindle with offset drilling (8 mm)

For a high-strength connection (spindle / lever) for door handles.
The fixing is carried out by a "set screw-headless with punch".
The punch breaks through the spindle at the point with the least thickness. Positioning necessary!
Further lengths on request.



Article number	Spindle	Length
900781.43	Ø 8 mm	75 mm
900823.43	Ø 8 mm	80 mm
900824.43	Ø 8 mm	85 mm
900825.43	Ø 8 mm	90 mm
900777.43	Ø 8 mm	95 mm
900759.43	Ø 8 mm	100 mm
900756.43	Ø 8 mm	105 mm
900757.43	Ø 8 mm	110 mm
900758.43	Ø 8 mm	115 mm
900779.43	Ø 8 mm	120 mm
900826.43	Ø 8 mm	125 mm
900799.43	Ø 8 mm	130 mm

Spindle with offset drilling (9 mm)

For a high-strength connection (spindle / lever) for door handles.
The fixing is carried out by a "set screw-headless with punch".
The punch breaks through the spindle at the point with the least thickness. Positioning necessary!
Further lengths on request.



Article number	Spindle	Length
900451.43	Ø 9 mm	60 mm
900452.43	Ø 9 mm	70 mm
900453.43	Ø 9 mm	85 mm
900422.43	Ø 9 mm	99 mm
900423.43	Ø 9 mm	104 mm
900424.43	Ø 9 mm	109 mm
900425.43	Ø 9 mm	114 mm
900788.43	Ø 9 mm	120 mm
900427.43	Ø 9 mm	124 mm
900778.43	Ø 9 mm	130 mm
900432.43	Ø 9 mm	144 mm
900434.43	Ø 9 mm	154 mm

Spindles ■ Spreaded spindle



Spreaded spindle (8 mm)

The fixing is carried out by a "set screw-headless with cone point" (DIN 914).

The cone point enters the slot of the spreaded spindle.

The spindle is pushed apart. Positioning necessary!

Further lengths on request.

Article number	Spindle	Length
901006.43	∅ 8 mm	88 mm
900558.43	∅ 8 mm	100 mm
901003.43	∅ 8 mm	110 mm
900610.43	∅ 8 mm	120 mm
908010.43	∅ 8 mm	143 mm

Spreaded spindle (9 mm)

The fixing is carried out by a "set screw-headless with cone point" (DIN 914).

The cone point enters the slot of the spreaded spindle.

The spindle is pushed apart. Positioning necessary!

Further lengths on request.



Article number	Spindle	Length
904006.43	∅ 9 mm	90 mm
908017.43	∅ 9 mm	100 mm
900259.43	∅ 9 mm	110 mm
900394.43	∅ 9 mm	120 mm
900565.43	∅ 9 mm	130 mm

Spreaded spindle (10 mm)

The fixing is carried out by a "set screw-headless with cone point" (DIN 914).

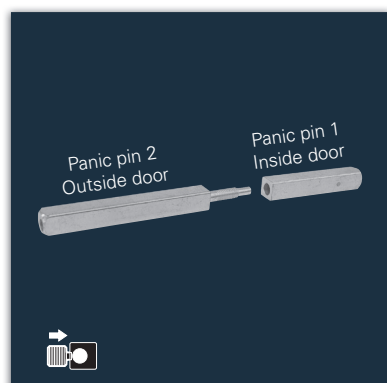
The cone point enters the slot of the spreaded spindle.

The spindle is pushed apart. Positioning necessary!

Further lengths on request.

Article number	Spindle	Length
908012.43	∅ 10 mm	100 mm
908003.43	∅ 10 mm	110 mm
908061.43	∅ 10 mm	120 mm
908014.43	∅ 10 mm	130 mm
500186.43	∅ 10 mm	145 mm

Spindles ■ Panic pin



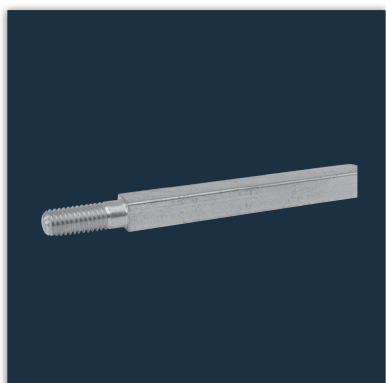
Panic pin set (9 mm)

For panic door hardware using locks with divided hub:
in order to guarantee the panic function, the panic pin has
to be mounted with the screw sleeve inwards.
Further information can be found on page 512.
Further lengths on request.

F

Article number	Spindle	Length (L1)	Length (L2)
901120.43	∅ 9 mm	40 mm	50 mm
901121.43	∅ 9 mm	40 mm	55 mm
901122.43	∅ 9 mm	40 mm	60 mm
901123.43	∅ 9 mm	40 mm	65 mm
901124.43	∅ 9 mm	40 mm	70 mm
901125.43	∅ 9 mm	40 mm	75 mm
901126.43	∅ 9 mm	40 mm	80 mm
901127.43	∅ 9 mm	40 mm	85 mm
901128.43	∅ 9 mm	45 mm	50 mm
901129.43	∅ 9 mm	45 mm	55 mm
901130.43	∅ 9 mm	45 mm	60 mm
901131.43	∅ 9 mm	45 mm	65 mm
901132.43	∅ 9 mm	45 mm	70 mm
901133.43	∅ 9 mm	45 mm	75 mm
901134.43	∅ 9 mm	45 mm	80 mm
901135.43	∅ 9 mm	45 mm	85 mm
901136.43	∅ 9 mm	50 mm	50 mm
901137.43	∅ 9 mm	50 mm	55 mm
901138.43	∅ 9 mm	50 mm	60 mm
901139.43	∅ 9 mm	50 mm	65 mm
901140.43	∅ 9 mm	50 mm	70 mm
901141.43	∅ 9 mm	50 mm	75 mm
901142.43	∅ 9 mm	50 mm	80 mm
901143.43	∅ 9 mm	50 mm	85 mm
901144.43	∅ 9 mm	55 mm	55 mm
901145.43	∅ 9 mm	55 mm	60 mm
901146.43	∅ 9 mm	55 mm	65 mm
901147.43	∅ 9 mm	55 mm	70 mm
901148.43	∅ 9 mm	55 mm	75 mm
901149.43	∅ 9 mm	55 mm	80 mm
901150.43	∅ 9 mm	55 mm	85 mm
901151.43	∅ 9 mm	60 mm	60 mm
901152.43	∅ 9 mm	60 mm	65 mm
901153.43	∅ 9 mm	60 mm	70 mm
901154.43	∅ 9 mm	60 mm	75 mm
901155.43	∅ 9 mm	60 mm	80 mm
901156.43	∅ 9 mm	60 mm	85 mm
901157.43	∅ 9 mm	65 mm	65 mm
901158.43	∅ 9 mm	65 mm	70 mm
901159.43	∅ 9 mm	65 mm	75 mm
901160.43	∅ 9 mm	65 mm	80 mm
901161.43	∅ 9 mm	65 mm	85 mm

Spindles ■ Spindles for knob / lever sets



Spindles for knob / lever sets (8 mm)

The spindle is screwed into the grip plate / knob (minimum 8 mm).
 Do not tighten too strong since the function of the handle has to be given.
 Further lengths on request.

Article number	Spindle	Length
900557.43	∅ 8 mm	65 mm
900680.43	∅ 8 mm	90 mm
900681.43	∅ 8 mm	105 mm
900683.43	∅ 8 mm	120 mm
900684.43	∅ 8 mm	130 mm

Spindles for knob / lever sets (9 mm)

The spindle is screwed into the grip plate / knob (minimum 8 mm).
 Do not tighten too strong since the function of the handle has to be given.
 Further lengths on request.



Article number	Spindle	Length
900686.43	∅ 9 mm	80 mm
900688.43	∅ 9 mm	90 mm
900689.43	∅ 9 mm	101 mm
900691.43	∅ 9 mm	110 mm
900693.43	∅ 9 mm	125 mm

Spindles for knob / lever sets (10 mm)

The spindle is screwed into the grip plate / knob (minimum 8 mm).
 Do not tighten too strong since the function of the handle has to be given.
 Further lengths on request.

Article number	Spindle	Length
901048.43	∅ 10 mm	110 mm
901047.43	∅ 10 mm	120 mm

Spindles ■ Spindles for knob / lever sets



Spindle for knob / lever sets with offset drilling (8 mm)

For knob / lever sets with knobs with M12 thread.
The spindle is screwed into the grip plate / knob and
is tightened with a wrench SW14
Further lengths on request.

Article number	Spindle	Length
908076.43	∅ 8 mm	70 mm
908078.43	∅ 8 mm	83 mm
908080.43	∅ 8 mm	90 mm
908082.43	∅ 8 mm	100 mm
908084.43	∅ 8 mm	125 mm

Spindle for knob / lever sets with offset drilling (9 mm)

For knob / lever sets with knobs with M12 thread.
The spindle is screwed into the grip plate / knob and
is tightened with a wrench SW14
Further lengths on request.



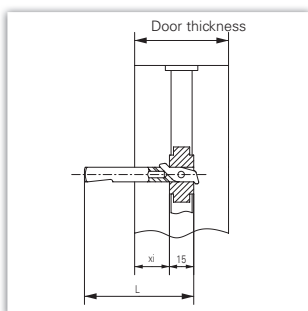
Article number	Spindle	Length
908068.43	∅ 9 mm	60 mm
908069.43	∅ 9 mm	70 mm
908067.43	∅ 9 mm	80 mm
908090.43	∅ 9 mm	100 mm
908091.43	∅ 9 mm	120 mm

Spindle for knob / lever sets with offset drilling (10 mm)

For knob / lever sets with knobs with M12 thread.
The spindle is screwed into the grip plate / knob and
is tightened with a wrench SW14
Further lengths on request.

Article number	Spindle	Length
901050.43	∅ 10 mm	67 mm
901052.43	∅ 10 mm	87 mm
901054.43	∅ 10 mm	100 mm
901056.43	∅ 10 mm	115 mm
901057.43	∅ 10 mm	127 mm

Accessories

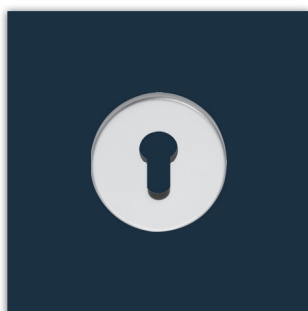


Spindle with clamp

- Made of steel, zinc-plated
- For single-sided drilled doors

Article number	Spindle	Length
1090038243 *	∅ 9 mm	L = 57 mm
109003794300030	∅ 8 mm	L = 60 mm
1090038343 *	∅ 9 mm	L = 65 mm
1090038143 *	∅ 9 mm	L = 75 mm
109003784300030	∅ 8/10 mm	L = 60 mm

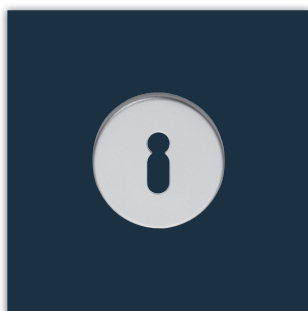
* With offset drilling



Set of back plate with PZ-hole

Incl. base rose. Material: Stainless steel 1.4301
Finish matt or aluminium F1

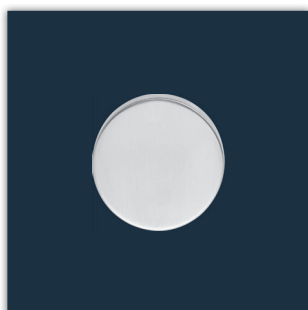
Article number	Execution
176615.46	OKL-Set of rose back plates stainless steel 11 mm
176605.46	OGL-Set of rose back plates stainless steel 8 mm
177605.30	OGL-Set of rose back plates aluminium 8 mm
176530.46	SGL-Set of rose back plates stainless steel 8 mm
177530.30	SGL-Set of rose back plates aluminium 8 mm



Set of back plate with BB-hole

Incl. base rose. Material: Stainless steel 1.4301
Finish matt or aluminium F1

Article number	Execution
176617.46	OKL-Set of rose back plates stainless steel 11 mm
176600.46	OGL-Set of rose back plates stainless steel 8 mm
177600.30	OGL-Set of rose back plates aluminium 8 mm
176531.46	SGL-Set of rose back plates stainless steel 8 mm
177351.30	SGL-Set of rose back plates aluminium 8 mm



Set of back plate UG (blind)

Material: Stainless steel 1.4301
Finish matt or aluminium F1

Article number	Execution
176616.46	OKL-Set of rose back plates stainless steel 11 mm
176606.46	OGL-Set of rose back plates stainless steel 8 mm
177606.30	OGL-Set of rose back plates aluminium 8 mm
176533.46	SGL-Set of rose back plates stainless steel 8 mm
177533.30	SGL-Set of rose back plates aluminium 8 mm



WC-set

Incl. base rose. Available with external spindle (AV) or external release slot (SK).
Material: Stainless steel 1.4301 - Finish matt or aluminium F1

Execution	Article number AV	Article number SK
OKL-Set of rose back plates stainless steel 11 mm	–	176627.46
OGL/SGL-Set of rose back plates stainless steel 8 mm	176620.46	176621.46
OGL/SGL-Set of rose back plates aluminium 8 mm	177622.30	177624.30

Accessories



Pop rivet nut for oval rose counter handles

Article number	Execution
1091050446	Filko-pop rivet nut, Material: 1.403,



Set of screws for levers on rose (VDS)

Set consists of screws and sleeve nuts for lever - lever (4 screws & 4 sleeve nuts) or lever - knob (4 screws & 2 sleeve nuts)

Article number	Execution
10916050	D/D – Door thickness 38 mm - 45 mm
10916000	D/D – Door thickness 40 mm - 66 mm
10916051	WSG – Door thickness 38 mm - 45 mm
10916001	WSG – Door thickness 40 mm - 66 mm



Set of screws for levers on rose (ROS)

Set consists of screws and sleeve nuts for lever - lever (4 screws & 4 sleeve nuts) or lever - knob (4 screws & 2 sleeve nuts)

Article number	Execution
10916058	D/D • Door thickness 38 mm - 45 mm
10916004	D/D • Door thickness 40 mm - 66 mm
10916055	WSG • Door thickness 38 mm - 45 mm
10916005	WSG • Door thickness 40 mm - 66 mm

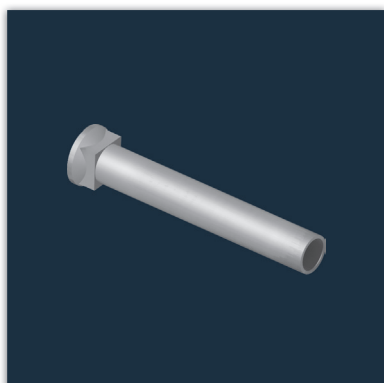


Accessory set BB-insert

Set consists of BB-insert for PZ hole with key and mounting screw.

Article number	Execution
10913641	Accessory set nylon BB-insert, key 84 mm no. 1, screw
10913642	Accessory set nylon BB-insert, key 84 mm no. 2, screw
10913643	Accessory set nylon BB-insert, key 84 mm no. 3, screw
10913644	Accessory set nylon BB-insert, key 84 mm no. 4, screw
10913645	Accessory set nylon BB-insert, key 84 mm no. 5, screw
10913646	Accessory set nylon BB-insert, key 84 mm no. 6, screw
10913647	Accessory set nylon BB-insert, key 84 mm no. 7, screw
10913648	Accessory set nylon BB-insert, key 84 mm no. 8, screw
10913649	Accessory set nylon BB-insert, key 84 mm no. 9, screw
10913640	Accessory set nylon BB-insert, key 84 mm no. 10, screw

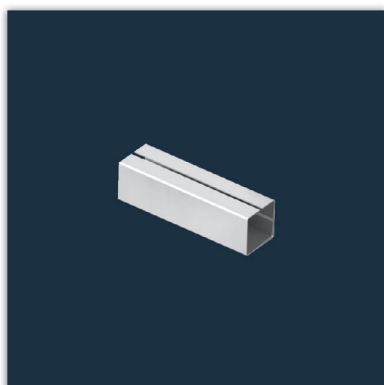
Sleeves



Sleeve nut

To be used for door handles (screwed through).
Steel zinc-plated, M5 inner thread with pressure-forged spindle 6,22 mm.

Article number	Execution
910251.43	10 mm
910252.43	15 mm
910254.43	20 mm
910275.43	24 mm
910120.43	30 mm
910130.43	40 mm



Adjustment sleeve 9 mm to 8 mm spindle

Use for reduction of spindles.
Steel zinc-plated, lengthwise split

Article number	Length
930351	15 mm
930363	30 mm

Adjustment sleeve 8,5 mm to 8 mm spindle

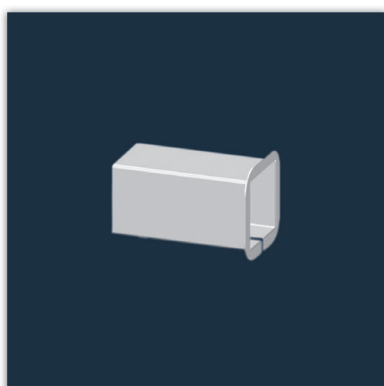
Use for reduction of spindles.
Steel zinc-plated, lengthwise split

Article number	Length
930355	28 mm

Adjustment sleeve 8 mm to 7 mm spindle

Use for reduction of spindles.
Steel zinc-plated, lengthwise split

Article number	Length
930364	15 mm



Adjustment sleeve with collar 9 mm to 8 mm spindle

Use for reduction of spindles.
Steel zinc-plated, lengthwise split

Article number	Length
930372	30 mm

Adjustment sleeve with collar 9 mm to 8,5 mm spindle

Use for reduction of spindles.
Steel zinc-plated, lengthwise split

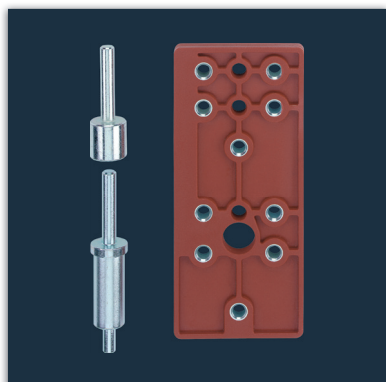
Article number	Length
930362	18 mm

Adjustment sleeve with collar 8,5 mm to 8 mm spindle

Use for reduction of spindles.
Steel zinc-plated, lengthwise split

Article number	Length
930355	28 mm

Drilling templates



Drilling template with centering pin for interior doors

Drilling template for nylon lever sets on rose or plate acc. to **DIN 1906 (DIN 18 225 and DIN 18273)** in following executions: BB, PZ, lever / knob or WC. With steel drill bushing for a drill diameter of 6,5 mm.

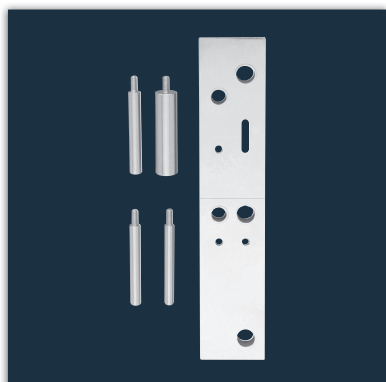
Article number	Execution
930317	Drilling template for nylon lever sets



Drilling template with centering pin for interior doors and fire-protection handle sets

Drilling template for stainless steel and aluminium handle sets with roses or plates acc. to **EN 1906 (DIN 18 255 and DIN 18273)** in following executions: BB, PZ, lever / knob or WC. With steel drill bushing for a drill diameter of 8,5 mm.

Article number	Execution
930318	Drilling template for stainless steel and aluminium handle sets



Drilling template with centering pin for security handle sets

Drilling template for security handle sets acc. to **EN 1906 / DIN 18257 / DIN 18 255** in following executions: PZ / RZ / ZA. With steel drill bushing for a drill diameter of 13 mm.

Article number	Execution
930200	Drilling template for security handle sets