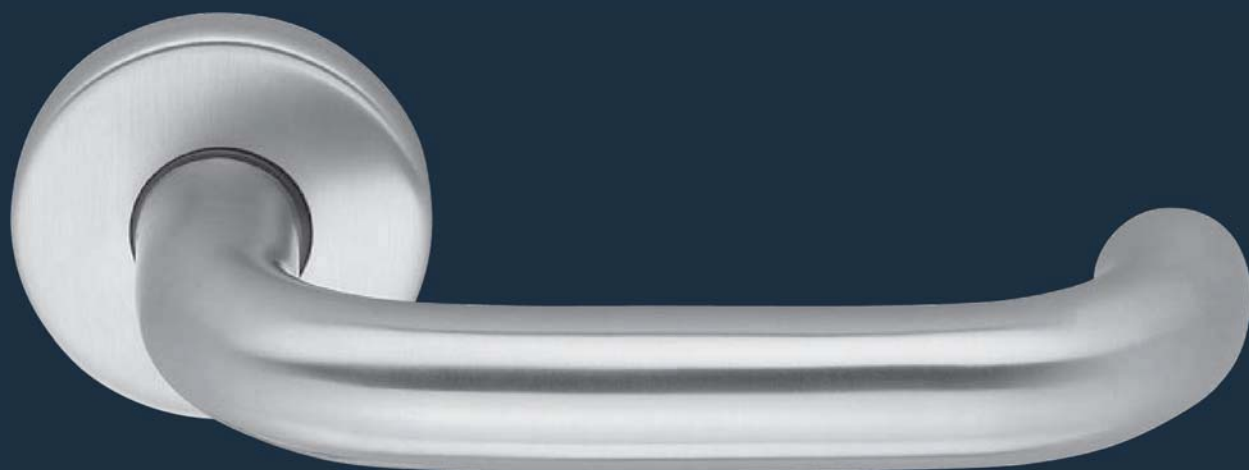


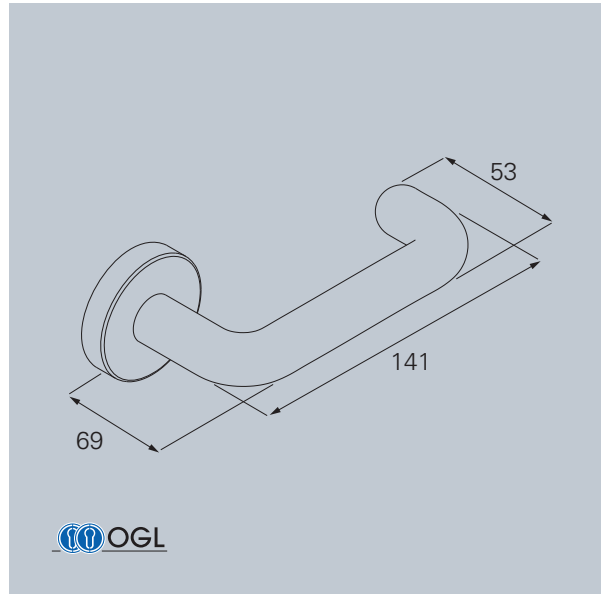
ECO D-120



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Steel door



Wooden door

Material:



Stainless Steel

PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 216



D-120 . Page 228



D-190 . Page 234



D-110 . Page 219



D-110 . Page 222

Oval rose handle

Security handle

Window handle



D-115 . Page 282



D-116 . Page 286



D-110 . Page 316



D-111 . Page 326



D-116 . Page 286



F-110 . Page 349

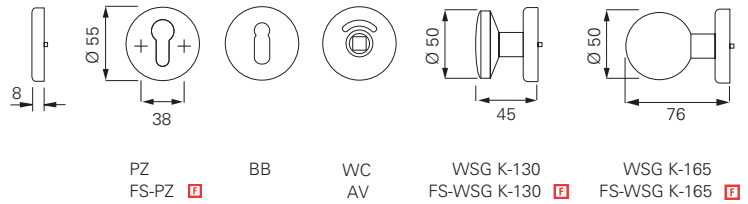
D-120 Round rose handle



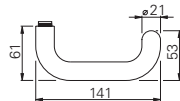
D-120 Round rose handle with OGL – friction bearing technology

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.

Utilization category: class 4



OGL – ROUND ROSE HANDLE



	Ø	□		Kit sets						Passive leaf	
	21 mm	8 mm		156a05.46	156a00.46	156a10.46	156a80.46	156a20.46			
	21 mm	9 mm	316840.46	356a00.46		356a60.46	356a82.46		356a25.46	356a18.46 356a17.46	
	21 mm	9 mm		356a50.46							

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



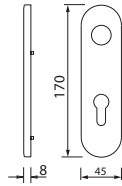
D-120 Short plate handle (K)



D-120 Handle on plate 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.

Utilization category: class 4



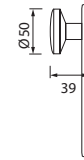
DD-PZ
FS-DD



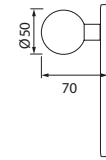
DD-BB



WC
AV

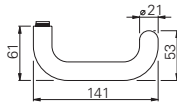


WSG K-130
FS-WSG



WSG K-165
FS-WSG

OGL – OGL - SHORT PLATE HANDLE (K)



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

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

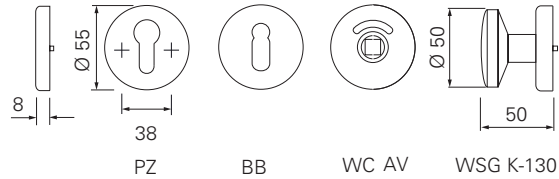
D-120 Round rose handle



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



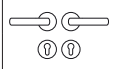
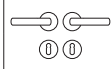
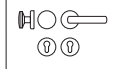
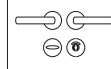
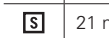
Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs. DIN left / DIN right useable. Concealed, continuous screw connection.

Utilization category: class 3



SGL – ROUND ROSE HANDLE



		Kit sets				
						
	21 mm	8 mm	152506.46	152501.46	152516.46	152521.46

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

Europapassage Hamburg
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 rose handle) and as protective door handle sets. ECO Schulte also offers matching window handles.

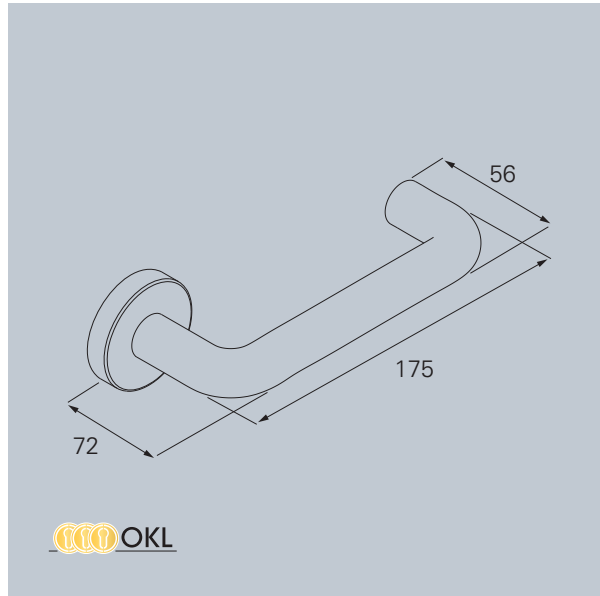
ECO D-190



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Steel door



Wooden door

Material:



Stainless Steel

PRODUCT FAMILY D-100

Standard handle Handle on plate



D-110 . Page 216



D-120 . Page 228



D-190 . Page 234



D-110 . Page 219



D-110 . Page 222

Oval rose handle Security handle Window handle



D-115 . Page 282



D-116 . Page 286



D-110 . Page 316



D-111 . Page 326

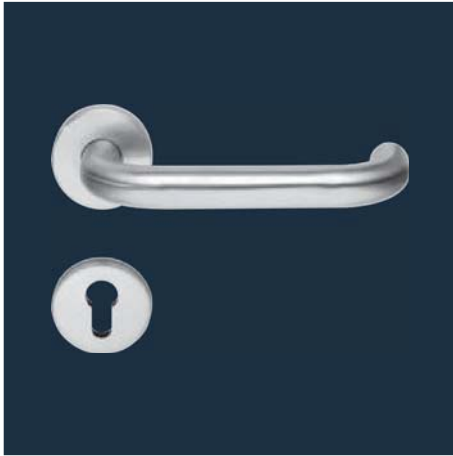


D-116 . Page 338



F-110 . Page 349

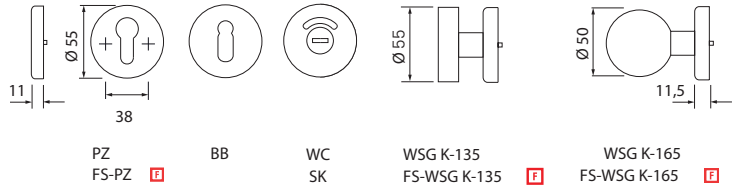
D-190 Round rose handle



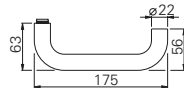
D-190 Round rose handle with OKL – ball-bearing technology

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.

Utilization category: class 4



OKL – ROUND ROSE HANDLE



		Kit sets					
	Ø	▧					
S	22 mm	8 mm	153805.46	153800.46	15383046	153816.46	153820.46
F	22 mm	9 mm	353805.46		35383046	353818.46	

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



ECO D-190 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.

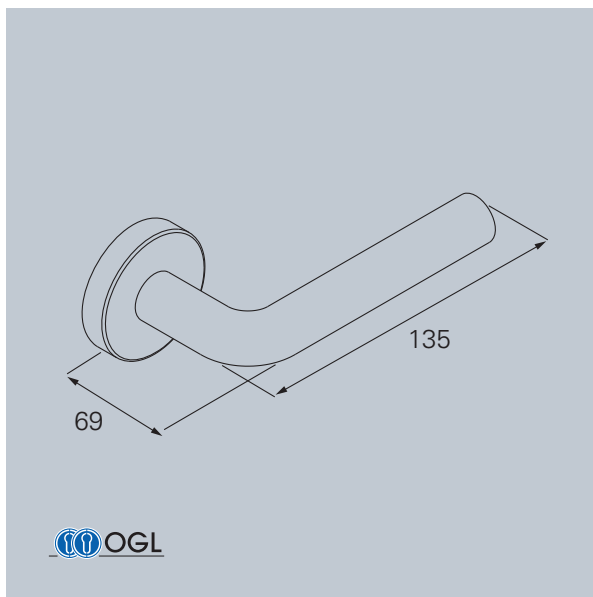
ECO D-210



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Steel door



Wooden door

Material:



Stainless Steel



Aluminium

3

PRODUCT FAMILY D-200

Standard handle

Handle on plate

Window handle



D-210 . Page 238



D-210 . Page 241



F-210 . Page 349

D-210 Round rose handle

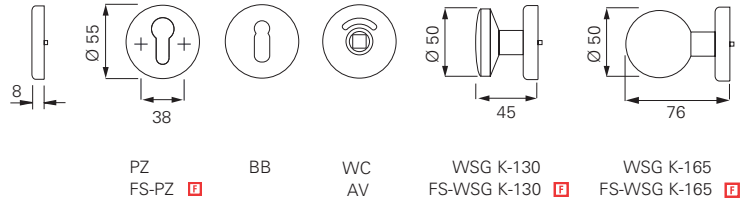


D-210 Round rose handle with OGI – friction bearing technology

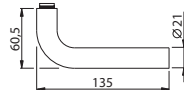
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

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

Utilization category: class 4



OGI – ROUND ROSE HANDLE

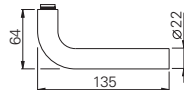


EN 1906 **F**



			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 satin. PVD and polished on request.



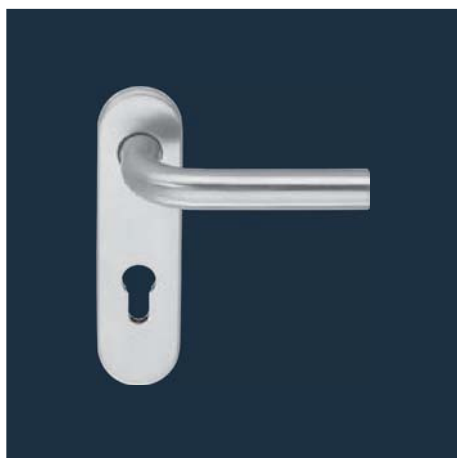
EN 1906 **F**



			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 357617.30

Finish: Aluminium anodized, further colours on request.

D-210 Short plate handle (K)

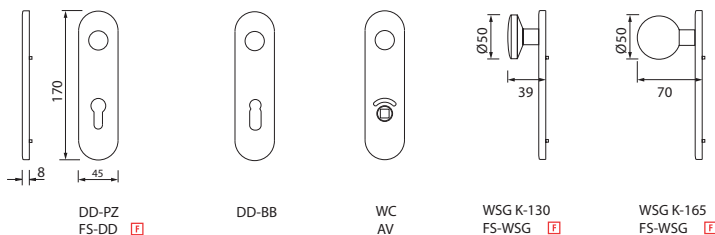


D-210 Short plate handle (K) with OGI – friction bearing technology

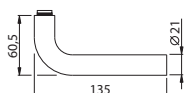
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

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

Utilization category: class 4



OGI - SHORT PLATE HANDLE (K)

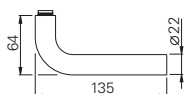


EN 1906 **F**



			Kit sets						Passive leaf	
	∅	∇								
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 satin. PVD and polished on request.



EN 1906 **F**



			Kit sets						Passive leaf	
	∅	∇								
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 anodized, further colours on request.

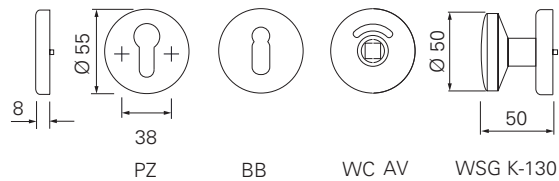
D-210 Round rose handle



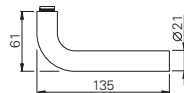
D-210 Round rose handle with SGL – Standard handle with friction bearing technology

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.

Utilization category: class 3







SGL – ROUND ROSE HANDLE

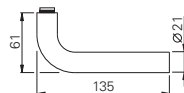


EN 1906







		Kit sets				
	Ø	▧				
S	21 mm	8 mm	152605.46	152600.46	152615.46	152620.46

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



EN 1906



		Kit sets				
	Ø	▧				
S	21 mm	8 mm	152605.30	152600.30	152615.30	152620.30

Finish: Aluminium anodized, 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 rose. 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.

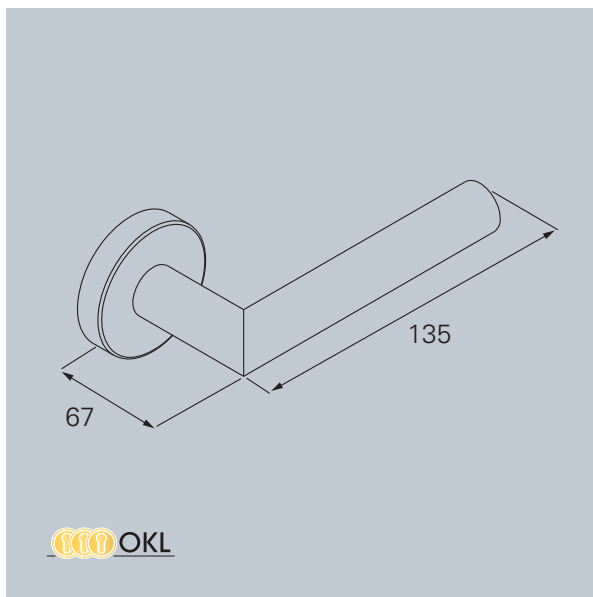
ECO D-310



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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:



PRODUCT FAMILY D-300

Standard handle



D-310 . Page 244



D-330 . Page 254

Handle on plate



D-310 . Page 247



D-310 . Page 249

Oval rose handle



D-310 . Page 290



D-315 . Page 294



D-335 . Page 298

Security handle



D-310 . Page 330



D-315 . Page 342

Window handle



F-310 . Page 349

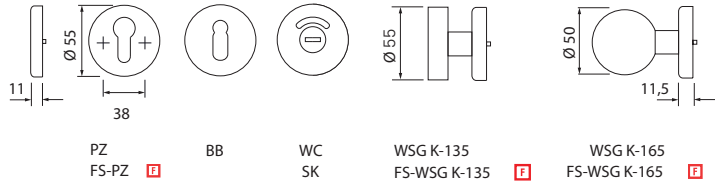
D-310 Round rose handle



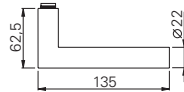
D-310 Round rose handle with OKL – ball-bearing technology

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.

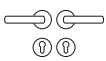
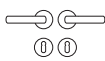


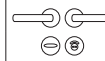
Utilization category: class 4



OKL – ROUND ROSE HANDLE



EN 1906 **F**

		Kit sets					
	∅	▣					
S	22 mm	8 mm	153205.46	153200.46	15323046	153216.46	153220.46
F	22 mm	9 mm	353205.46		35323046	353218.46	

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

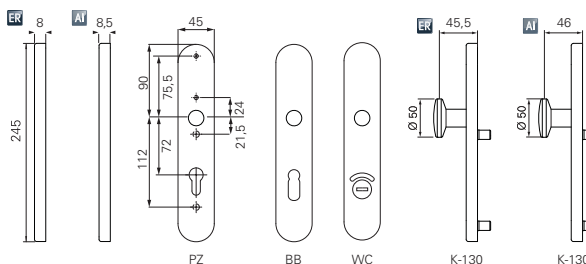
D-310 Long plate handle (L)



D-310 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.

Utilization category: class 4 / PZ 92 on request



OKL – LONG PLATE HANDLE



			Kit sets			
	∅	▧				
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 satin.



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

Finish: Aluminium anodized, further colours on request.

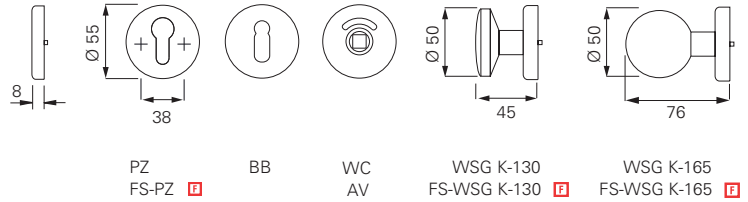
D-310 Round rose handle



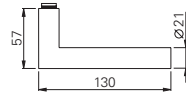
D-310 Round rose handle with OGI – friction bearing technology

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.

Utilization category: class 4



OGI – ROUND ROSE HANDLE

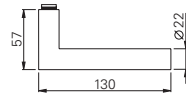


EN 1906 **F**



			Kit sets					Passive leaf		
	∅	▧								
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 satin. PVD and polished on request.



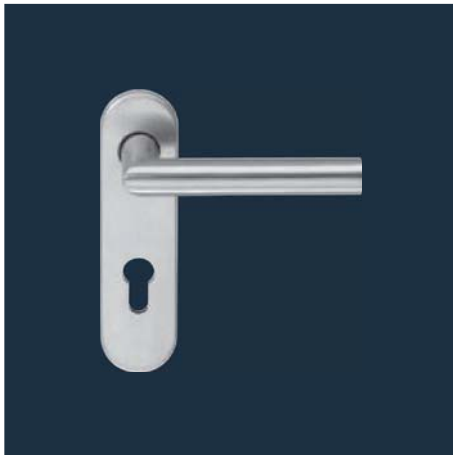
EN 1906 **F**



			Kit sets					Passive leaf	
	∅	▧							
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 anodized, further colours on request.

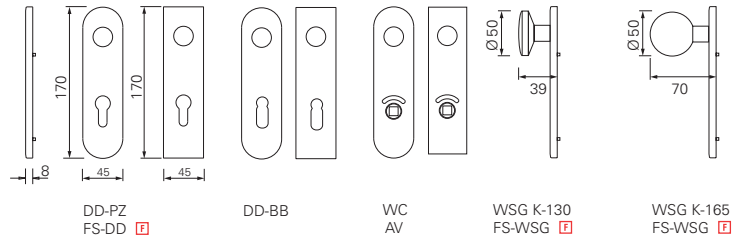
D-310 Short plate handle (K)



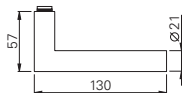
D-310 Short plate handle (K) with OGL – friction bearing technology

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.

Utilization category: class 4



OGL - SHORT PLATE HANDLE (K)

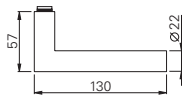


EN 1906 **F**



			Kit sets					Passive leaf			
	∅	▧									
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 satin. PVD and polished on request.



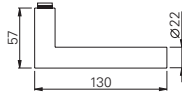
EN 1906 **F**



			Kit sets					Passive leaf			
	∅	▧									
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 anodized, further colours on request.

OGL - SHORT PLATE HANDLE (K)



EN 1906 **F**



	Ø	∇	Kit sets						Passive leaf	
										
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 anodized, further colours on request.



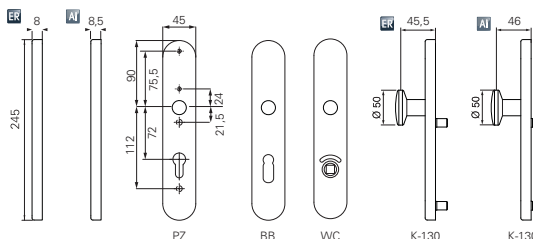
D-310 Long plate handle (L)



D-310 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.

Utilization category: class 4 /PZ 92 on request



OGL – LONG PLATE HANDLE (L)



			Kit sets			
	∅	▧				
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 satin.



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

Finish: Aluminium anodized, further colours on request.

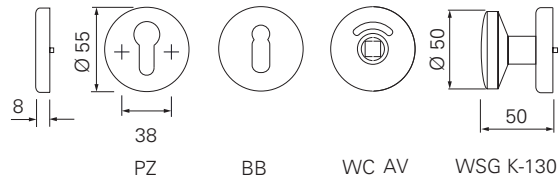
D-310 Round rose handle



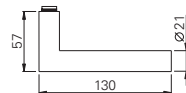
D-310 Round rose handle with SGL – Standard handle with friction bearing technology

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.

Utilization category: class 3







SGL – ROUND ROSE HANDLE

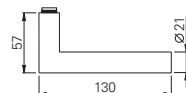


EN 1906







			Kit sets			
	∅	▧				
S	21 mm	8 mm	152705.46	152700.46	152715.46	152720.46

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



EN 1906



			Kit sets			
	∅	▧				
S	21 mm	8 mm	152705.30	152700.30	152715.30	152720.30

Finish: Aluminium anodized, 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.

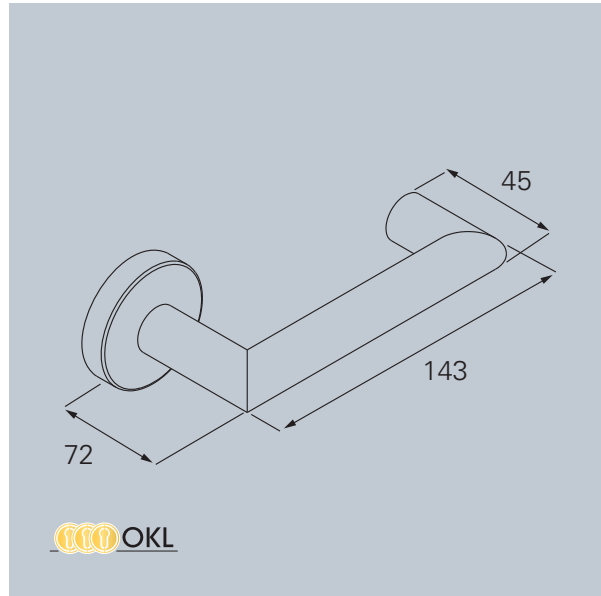
ECO D-330



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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:



PRODUCT FAMILY D-300

Standard handle



D-310 . Page 244

D-330 . Page 254

Handle on plate



D-330 . Page 257

D-330 . Page 259

Oval rose handle



D-310 . Page 290

D-315 . Page 294

D-335 . Page 298

Security handle



D-310 . Page 330

D-315 . Page 342

Window handle



F-310 . Page 349

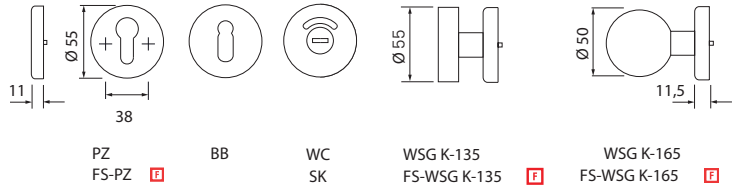
D-330 Round rose handle



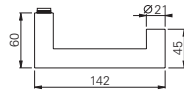
D-330 Round rose handle with OKL – ball-bearing technology








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.

Utilization category: class 4



OKL – ROUND ROSE HANDLE



		Kit sets					
	∅	▧					
	22 mm	8 mm	153905.46	153900.46	15393046	153916.46	153920.46
	22 mm	9 mm	353905.46		35393046	353918.46	

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

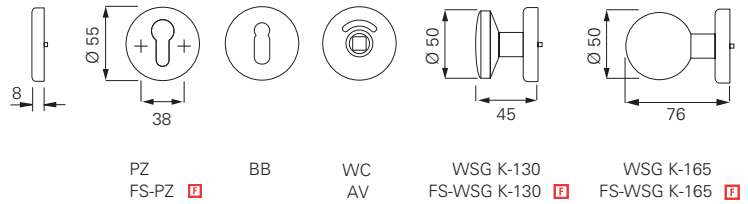
D-330 Round rose handle



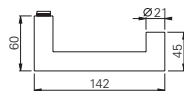
D-330 Round rose handle with OGI – friction bearing technology

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.

Utilization category: class 4

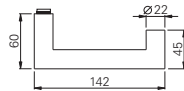


OGI – ROUND ROSE HANDLE



			Kit sets					Passive leaf		
	∅	▧								
	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 satin. PVD and polished on request.



			Kit sets				Passive leaf	
	∅	▧						
	22 mm	8 mm		157205.30	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 anodized, further colours on request.

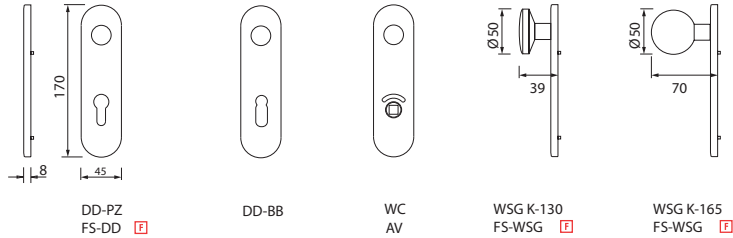
D-330 Short plate handle (K)



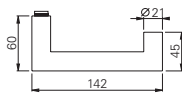
D-330 Short plate handle (K) with OGI – friction bearing technology

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.

Utilization category: class 4



OGI - SHORT PLATE HANDLE (K)

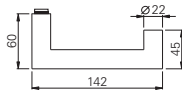


EN 1906 EN 179 F



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

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



EN 1906 EN 179 F



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

Finish: Aluminium anodized, further colours on request.

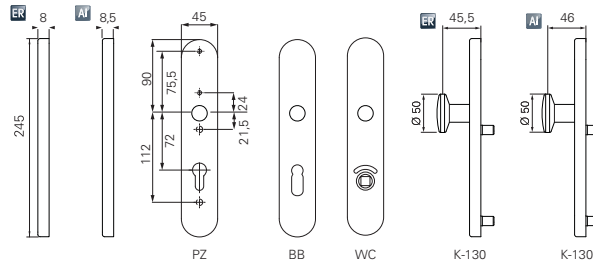
D-330 Long plate handle (L)



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


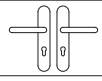
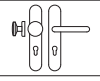

Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Fixable bearing. DIN left / DIN right useable. Steel base with positioning studs. Concealed, continuous screw connection.

Utilization category: class 4 / PZ 92 on request




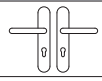
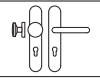

OGI – LONG PLATE HANDLE (L)



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

Finish: Stainless steel satin.



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

Finish: Aluminium anodized, further colours on request.




Round rose handle · D-410

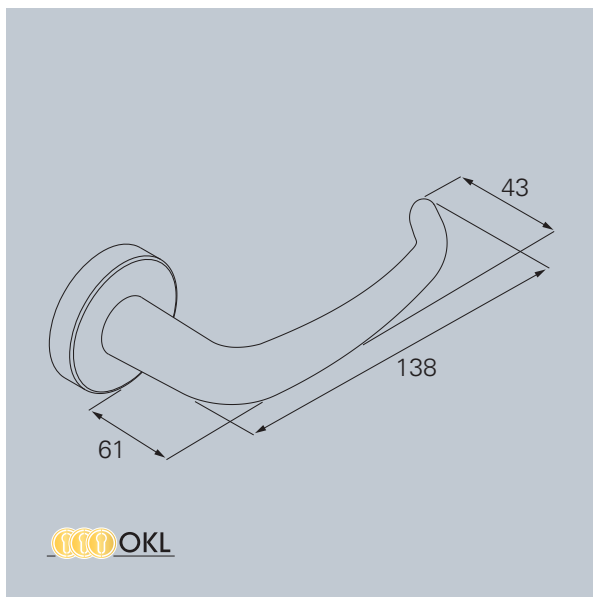
ECO D-410



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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:



PRODUCT FAMILY D-400

Standard handle



D-410 . Page 262



D-490 . Page 270

Handle on plate



D-410 . Page 265



D-410 . Page 267

Oval rose handle



D-410 . Page 302



D-415 . Page 306

Window handle



F-410 . Page 349

3

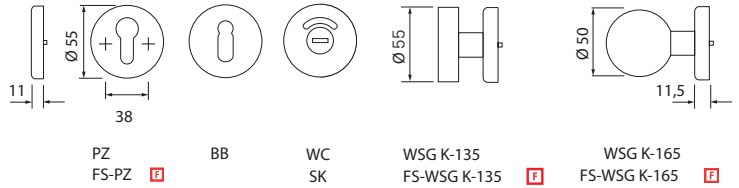
D-410 Round rose handle



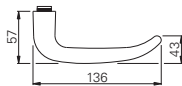
D-410 Round rose handle with OKL – ball-bearing technology






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.

Utilization category: class 4



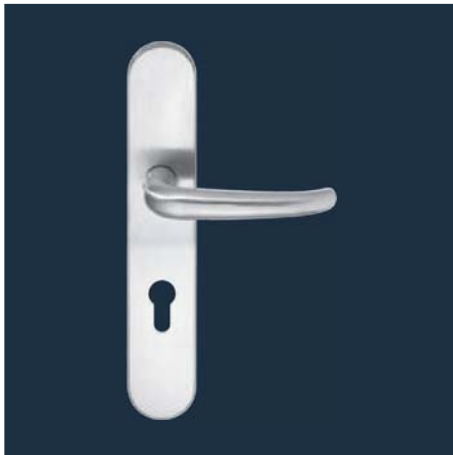
OKL – ROUND ROSE HANDLE



		Kit sets				
	□					
S	8 mm	153305.46	153300.46	15331946	153316.46	153320.46
F	9 mm	353305.46		35331946	353318.46	

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

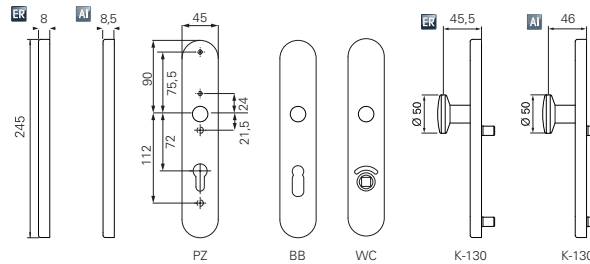
D-410 Long plate handle (L)



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 leaves and is known for high capacity in axial and radial direction.

Utilization category: class 4 / PZ 92 on request



OKL – LONG PLATE HANDLE



		Kit sets			
	8 mm	1k6305.46	1k6300.46	1k6315.46	1k6320.46
	9 mm	3k6305.46		3k6315.46	

Finish: Stainless steel satin.



		Kit sets			
	8 mm	1k7305.30	1k7300.30	1k7315.30	1k7320.30
	9 mm	3k7305.30		3k7315.30	

Finish: Aluminium anodized, further colours on request.

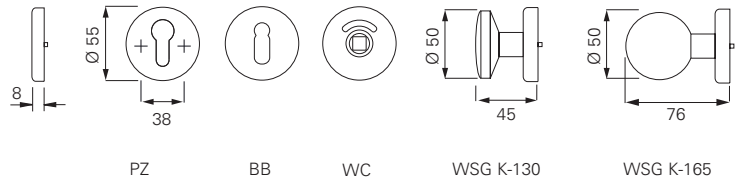
D-410 Round rose handle



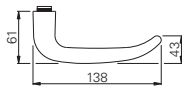
D-410 Round rose handle with OGL – friction bearing technology












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.

Utilization category: class 4

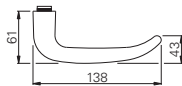












OGL – ROUND ROSE HANDLE



		Kit sets						Passive leaf	
	▣								
	8 mm		156305.46	156300.46	156310.46	156380.46	156320.46		
	9 mm	316803.46	356350.46		356380.46	356382.46		356355.46	356385.46
	9 mm		356360.46						

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



		Kit sets					Passive leaf	
	▣							
	8 mm		157305.30	157300.30	157310.30	157320.30		
	9 mm	317226.30	357350.30		357380.30		357355.30	357328.30
	9 mm		357360.30					

Finish: Aluminium anodized, further colours on request.

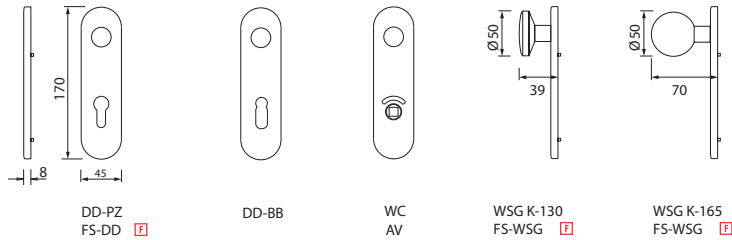
D-410 Short plate handle (K)



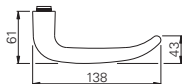
D-410 Short plate handle (K) with OGL – friction bearing technology

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.

Utilization category: class 4



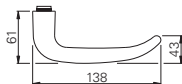
OGL - SHORT PLATE HANDLE (K)



EN 179 EN 1906 **F**

OGL		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 satin. PVD and polished on request.



EN 179 EN 1906 **F**

OGL		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 anodized, further colours on request.

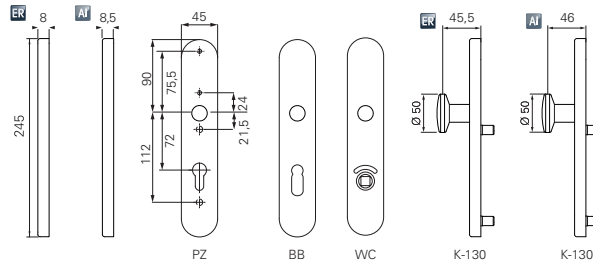
D-410 Long plate handle (L)



D-410 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.

Utilization category: class 4 / PZ 92 on request







OGL – LONG PLATE HANDLE (L)



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

Finish: Stainless steel satin.



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

Finish: Aluminium anodized, further colours on request.



D-410 Round rose handle

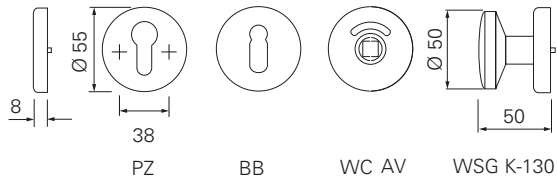


D-410 Round rose handle with SGL – Standard handle with friction bearing technology

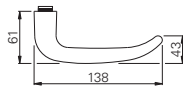
Lever guidance in maintenance-free friction bearing with adjustment function integrated in nylon base rose. With spring support. Lever with fixable bearing, nylon base with positioning studs.

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

Utilization category: class 3



SGL – ROUND ROSE HANDLE

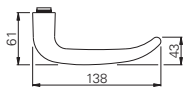


EN 1906



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

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



EN 1906



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

Finish: Aluminium anodized, further colours on request.

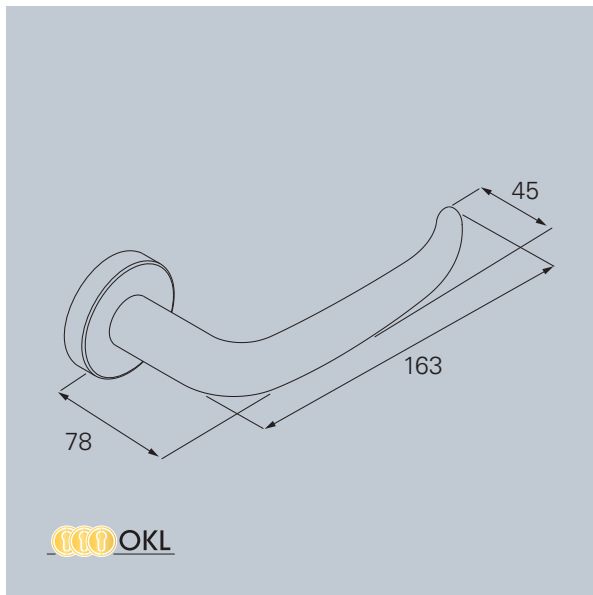
ECO D-490



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Steel door



Wooden door

Material:



Stainless Steel

PRODUCT FAMILY D-400

Standard handle



D-410 . Page 262



D-490 . Page 270

Oval rose handle

Window handle



D-410 . Page 302



D-415 . Page 306



F-410 . Page 349

3

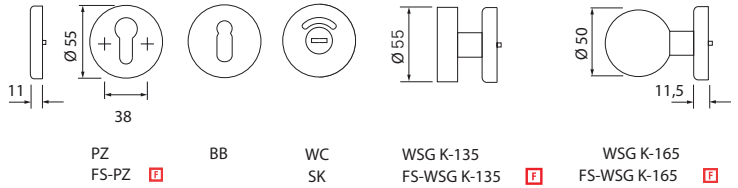
D-490 Round rose handle



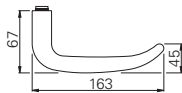
D-490 Round rose handle with OKL – ball-bearing technology

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.

Utilization category: class 4



OKL – ROUND ROSE HANDLE



		Kit sets				
	8 mm	153705.46	153700.46	15373046	153716.46	153720.46
	9 mm	353705.46		35373046	353718.46	

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

Humboldt Universität, Berlin,
Deutschland

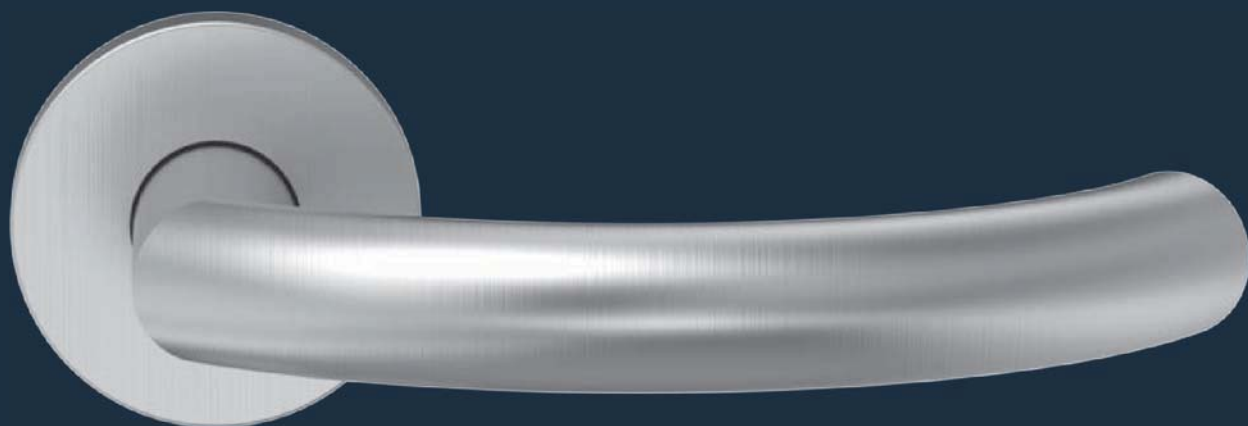


ECO Beschlagtechnik Klinken in die Hand geben.

Der Türdrücker (auch Türklinke) ist eines der meistgenutzten Funktionselemente des Hauses: Nicht von ungefähr geben sich die Menschen in gut frequentierten Gebäuden zuallererst die Klinke in die Hand.

Doch der Türdrücker ist weit mehr als irgendein funktionelles Element der Haustechnik: Über den Drücker nimmt der Mensch das Haus erstmals physisch wahr und es gibt bekanntlich nur eine Chance, einen guten ersten Eindruck zu hinterlassen.

ECO D-510



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 fire protection tested	F
Lever form for escape doors and emergency exits	EN 179
Return spring with 90° stop	■
Fixed sleeve nuts / positioning studs	■
Fixable bearing	■
Grooved ball bearing unit with flexible bearing	■
Steelbase with nylon clip ring	■
Concealed through-screw technology	■
DIN left / right	■
EN 1906 - Corrosion class 5	■
1 million cycles	■

Usage category EN 1906

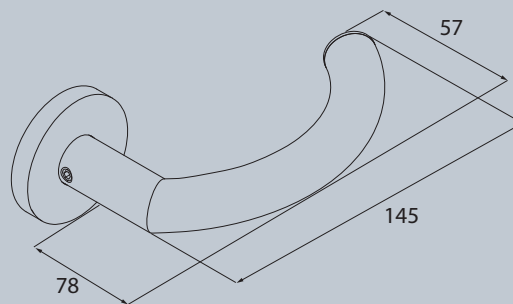
4	7	-	B1	1	5	0	B
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■ Yes - No □ Option



Material:

ER ER Stainless Steel



Material:

ER ER Stainless Steel

Al Al Aluminium



3

PRODUCT FAMILY D-500

Standard handle

Handle on plate

Oval rose handle



D-510 . Page 274



D-510 . Page 278



D-515 . Page 310

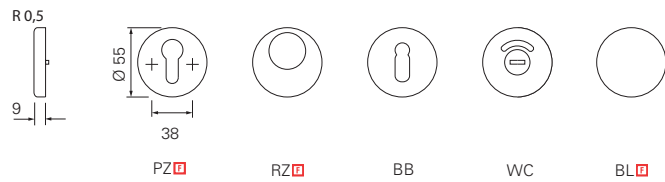
D-510 Round rose handle



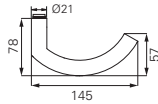
D-510 Round rose handle with OKL Magis – ball-bearing technology

Object handle with maintenance-free closed bearing and integrated grooved ball bearing unit. Fixable bearing with return spring and 90° stop. Steel base with positioning studs and integrated fixing studs. Concealed through-screw technology, cover rose in edge design. When using knob lever sets please refer to the DIN direction.

Utilization category 4, Corrosion class 5



OKL MAGIS – ROUND ROSE HANDLE

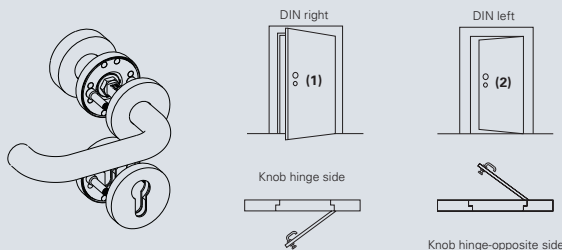


				Sets							
	∅	▣		PZ	RZ	BB	WC-SK	K-135	K-165	K-160	K-116
	21 mm	8 mm	DIN left / right useable	173605.46 97	173625.46 97	173600.46 97	173620.46 97	On request	On request	On request	On request
			(1) DIN right knob hinge side					173611.46 97	173631.46 97	173641.46 97	173681.46 97
			(2) DIN left knob hinge-opposite side					173611.46 97	173631.46 97	173641.46 97	173681.46 97
			(3) DIN left knob hinge side					173610.46 97	173630.46 97	173640.46 97	173680.46 97
			(4) DIN left knob hinge-opposite side					173610.46 97	173630.46 97	173640.46 97	173680.46 97
	F	21 mm	9 mm	PZ	RZ	BB	WC-SK	K-135	K-165	K-160	K-116
			DIN left / right useable	373605.46 74	373625.46 74	On request	On request	On request	On request	On request	On request
			(1) DIN right knob hinge side					373611.46 74	373631.46 74	373641.46 74	373681.46 74
			(2) DIN left knob hinge-opposite side					373611.46 74	373631.46 74	373641.46 74	373681.46 74
			(3) DIN left knob hinge side					373610.46 74	373630.46 74	373640.46 74	373680.46 74
			(4) DIN left knob hinge-opposite side					373610.46 74	373630.46 74	373640.46 74	373680.46 74

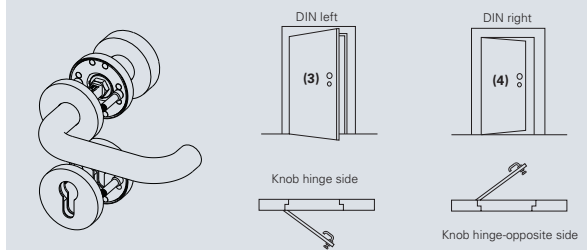
Finish: Stainless steel satin, PVD and polished on request.

Execution panic, passive leaf (with positioning studs), passive leaf (without positioning studs) and blind on request.

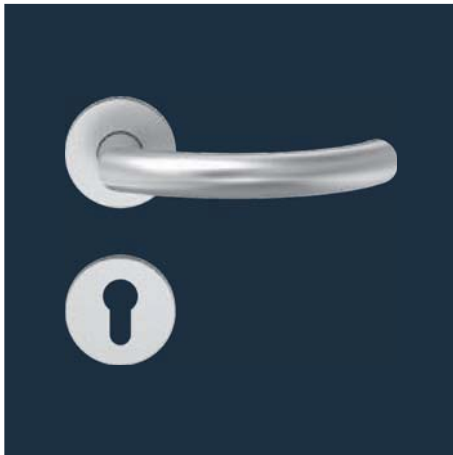
Handle left



Handle right



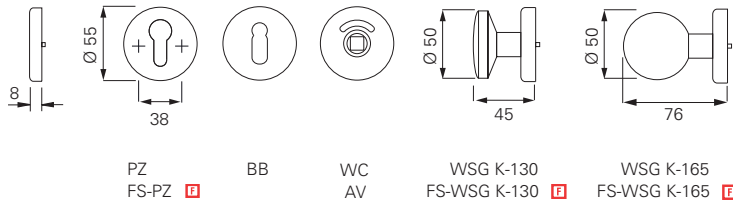
D-510 Round rose handle



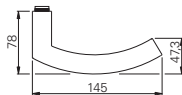
D-510 Round rose handle with OGL – friction bearing technology

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, continuous screw connection.

Utilization category: class 4



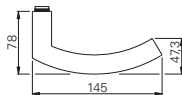
OGL – ROUND ROSE HANDLE



EN 1906 **F**

OGL			Sets						Passive leaf sets	
	∅	∇								
S	21 mm	8 mm		156905.46	156900.46	156910.46	156980.46	156920.46		
F	21 mm	9 mm	316804.46	356900.46		356960.46	356970.46		356905.46	356918.46 356917.46

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



EN 1906 **F**

OGL			Sets					Passive leaf sets	
	∅	∇							
S	22 mm	8 mm		157905.30	157900.30	157910.30		157920.30	
F	22 mm	9 mm	317227.30	357900.30		357960.30		357925.30	357918.30 357917.30

Finish: Aluminium anodized, further colours on request.

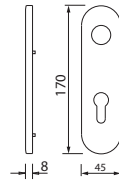
D-510 Short plate handle (K)



D-510 Short plate handle (K) with OGI – 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.

Utilization category: class 4



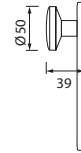
DD-PZ
FS-DD **F**



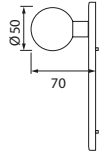
DD-BB



WC
AV

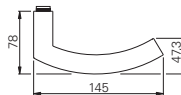


WSG K-130
FS-WSG **F**



WSG K-165
FS-WSG **F**

OGI - SHORT PLATE HANDLE (K)

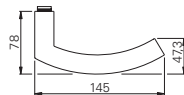


EN 1906 **F**



			Sets						Passive leaf sets	
	∅	∇								
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 satin. PVD and polished on request.



EN 1906 **F**

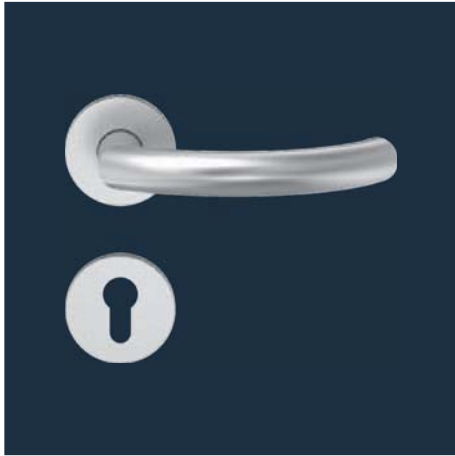


			Sets						Passive leaf sets	
	∅	∇								
S	22 mm	8 mm			107905.30	107900.30	107910.30	107920.30		
F	22 mm	9 mm	307981.30	307983.30		307900.30	307960.30		307925.30	307918.30 307917.30

Finish: Aluminium anodized, further colours on request.



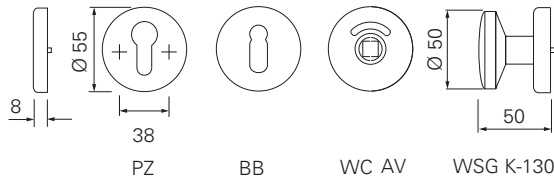
D-510 Round rose handle



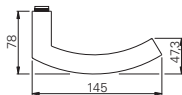
D-510 Round rose handle with SGL – Standard handle with friction bearing technology

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.

Utilization category: class 3



SGL – ROUND ROSE HANDLE

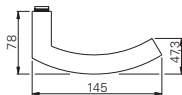


EN 1906



		Sets				
S	21 mm	8 mm	152805.46	152800.46	152815.46	152820.46

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



EN 1906



		Sets				
S	21 mm	8 mm	152805.30	152800.30	152815.30	152820.30

Finish: Aluminium anodized, further colours on request.

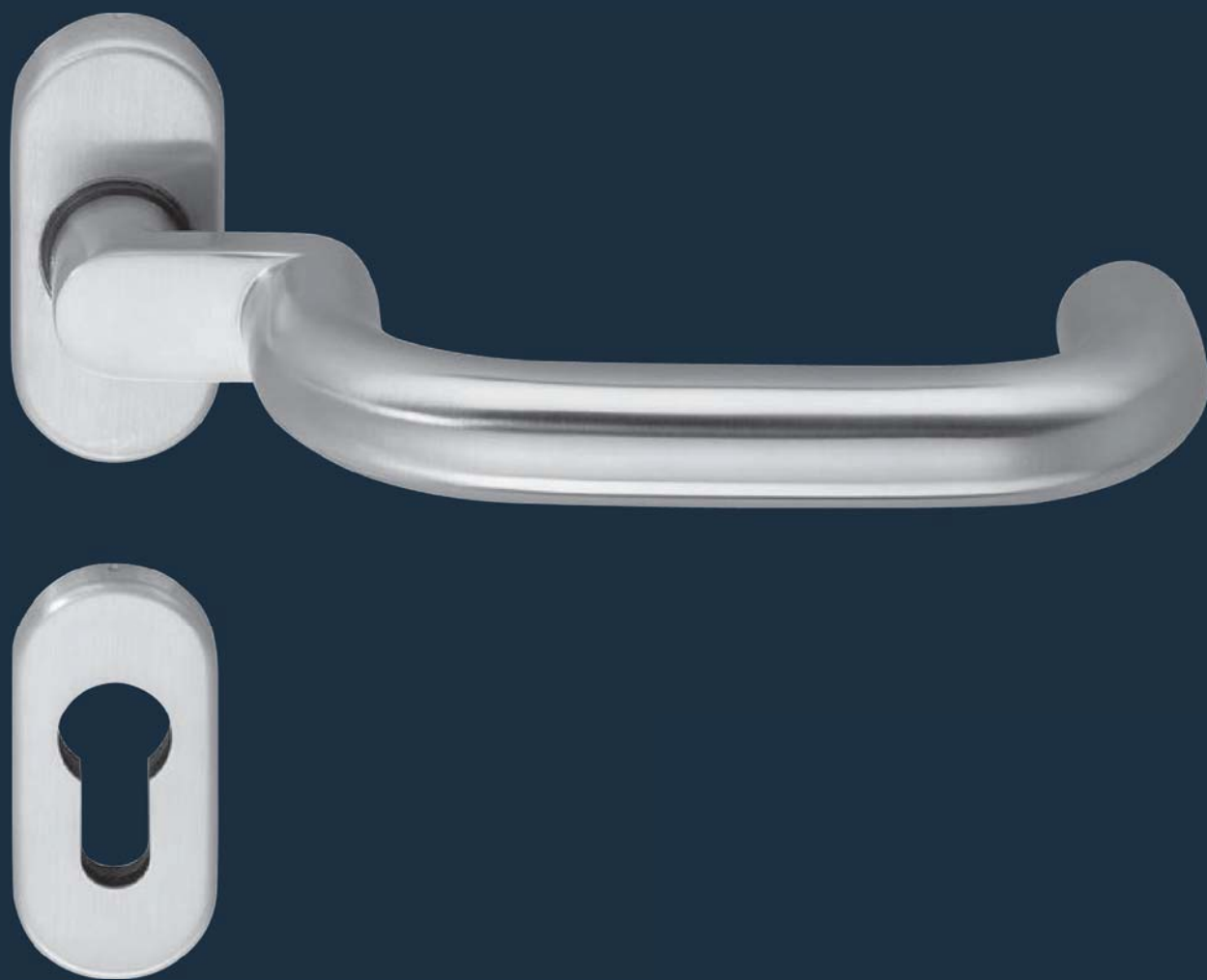


Oval rose handle · D-335




Oval rose handles



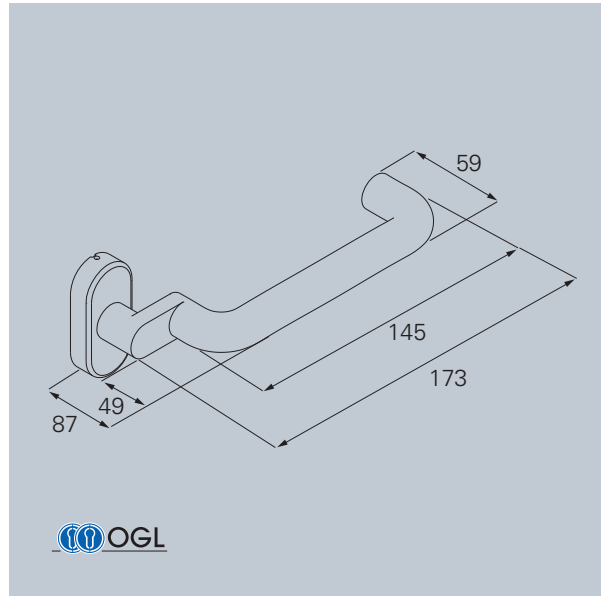
ECO D-115



Product characteristics

Tested acc. to	
With 9 mm spindle acc. to DIN 18273 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



Profile frame door

Material:



Stainless Steel



Aluminium

PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 216



D-120 . Page 228



D-190 . Page 234



D-110 . Page 219



D-110 . Page 222

Oval rose handle

Security handle

Window handle



D-115 . Page 282



D-116 . Page 286



D-110 . Page 316



D-111 . Page 326



D-116 . Page 338



F-110 . Page 349

D-115 Oval rose handle

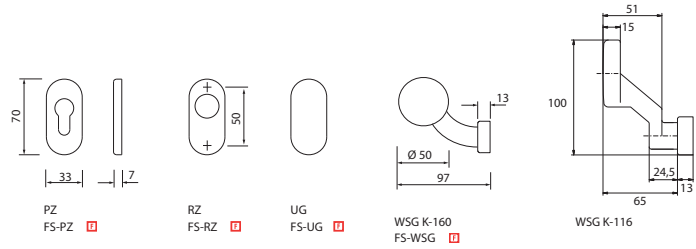


D-115 Oval rose with OGL – friction bearing technology

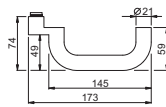
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable (spring support).

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

Utilization category: class 4



OGL – OVAL ROSE HANDLE

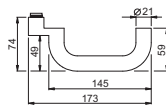


	Ø	∇	Kit sets			Knob				Escutcheon		
	21 mm	8 mm	178412.46	185405.46	185410.46	1017821746	178200.46	178202.46	178218.46	176850.46	176852.46	176851.46
	21 mm	9 mm	178410.46	385405.46	385410.46	1017821746	178200.46	178204.46	178217.46	176850.46	176852.46	176851.46

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

*Base Escutcheon incl. fire-proof plate

OGL – OVAL ROSE HANDLE



	Ø	∇	Kit sets			Knob				Escutcheon		
	21 mm	8 mm	178412.30	185405.30	185410.30	1017821730	178200.46	178202.46	178218.46	177850.46	177852.46	177851.46
	21 mm	9 mm	178410.30	385405.30	385410.30	1017821730	178200.46	178204.46	178217.46	177850.46	177852.46	177851.46

Finish: F1 Aluminium anodized and F9, further colours on request **

*Base Escutcheon incl. fire-proof plate

** Please see our notes on page 673.

National Olympic Stadium, 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.

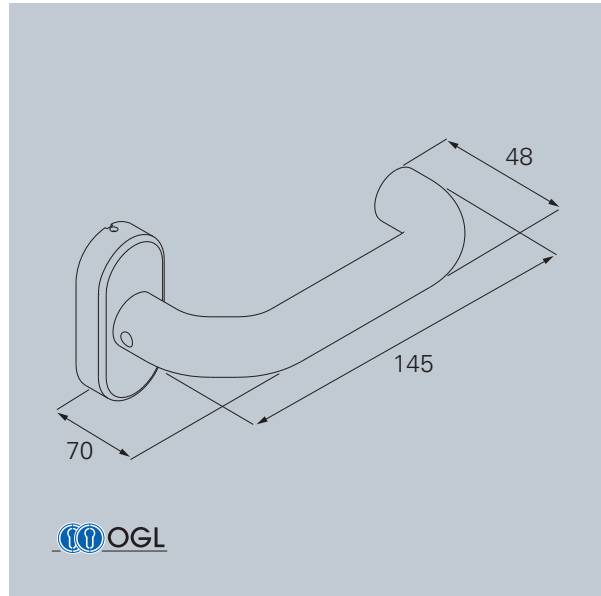
ECO D-116



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Profile frame door

Material:



Stainless Steel



Aluminium

PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 216



D-120 . Page 228



D-190 . Page 234



D-110 . Page 219



D-110 . Page 222

Oval rose handle

Security handle

Window handle



D-115 . Page 282



D-116 . Page 286



D-110 . Page 316



D-111 . Page 326



D-116 . Page 338



F-110 . Page 349

D-116 Oval rose handle

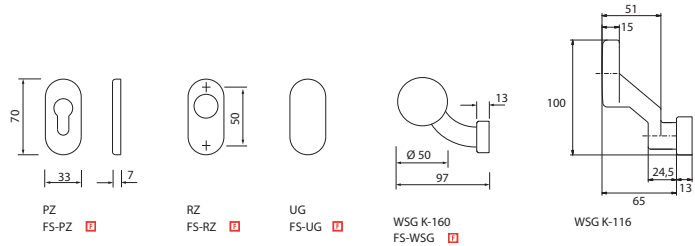


D-116 Oval rose with OGI – friction bearing technology

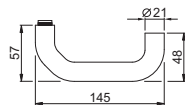
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

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

Utilization category: class 4



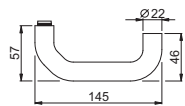
OGI – OVAL ROSE HANDLE



	Ø	▧	Kit sets			Knob			Escutcheon		
	21 mm	8 mm	178402.46	186405.46	186410.46	178200.46	178202.46	178218.46	176850.46	176852.46	176851.46
	21 mm	9 mm	178400.46	386405.46	386410.46	178200.46	178204.46	178217.46	176850.46	176852.46	176851.46

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

*Base Escutcheon incl. fire-proof plate



	Ø	▧	Kit sets			Knob			Escutcheon		
	22 mm	8 mm	178402.30	187405.30	187410.30	178200.30	178202.30	178218.46	176850.30	176852.30	176851.30
	22 mm	9 mm	178400.30	387405.30	387410.30	178200.30	178204.30	178217.46	176850.30	176852.30	176851.30

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

*Base Escutcheon 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.

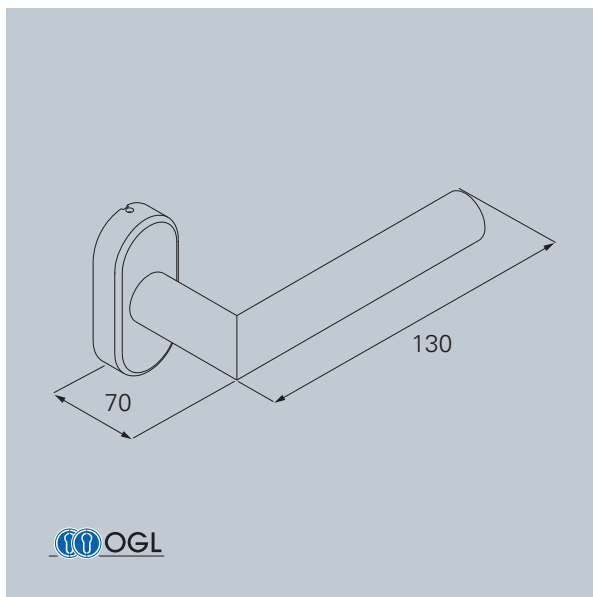
ECO D-310



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Profile frame door

Material:



Stainless Steel

3

PRODUCT FAMILY D-300

Standard handle

Handle on plate



D-310 . Page 244



D-330 . Page 254



D-330 . Page 257



D-330 . Page 259

Oval rose handle

Security handle

Window handle



D-310 . Page 290



D-315 . Page 294



D-335 . Page 298



D-310 . Page 330



D-315 . Page 342



F-310 . Page 349

D-310 Oval rose handle

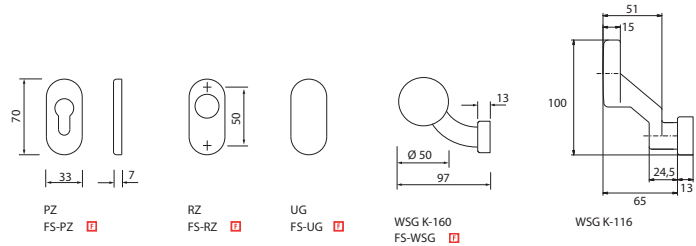


D-310 Oval rose with OGL – friction bearing technology

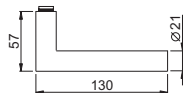
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

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

Utilization category: class 4



OGL – OVAL ROSE HANDLE



			Kit sets			Knob			Escutcheon		
	Ø	∇									
S	21 mm	8 mm	178442.46	186305.46	186310.46	178200.46	178202.46	178218.46	176850.46	176852.46	176851.46
F	21 mm	9 mm	178440.46	386305.46	386310.46	178200.46	178204.46	178217.46	176850.46	176852.46	176851.46

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

*Base Escutcheon incl. fire-proof plate



ECO D-300

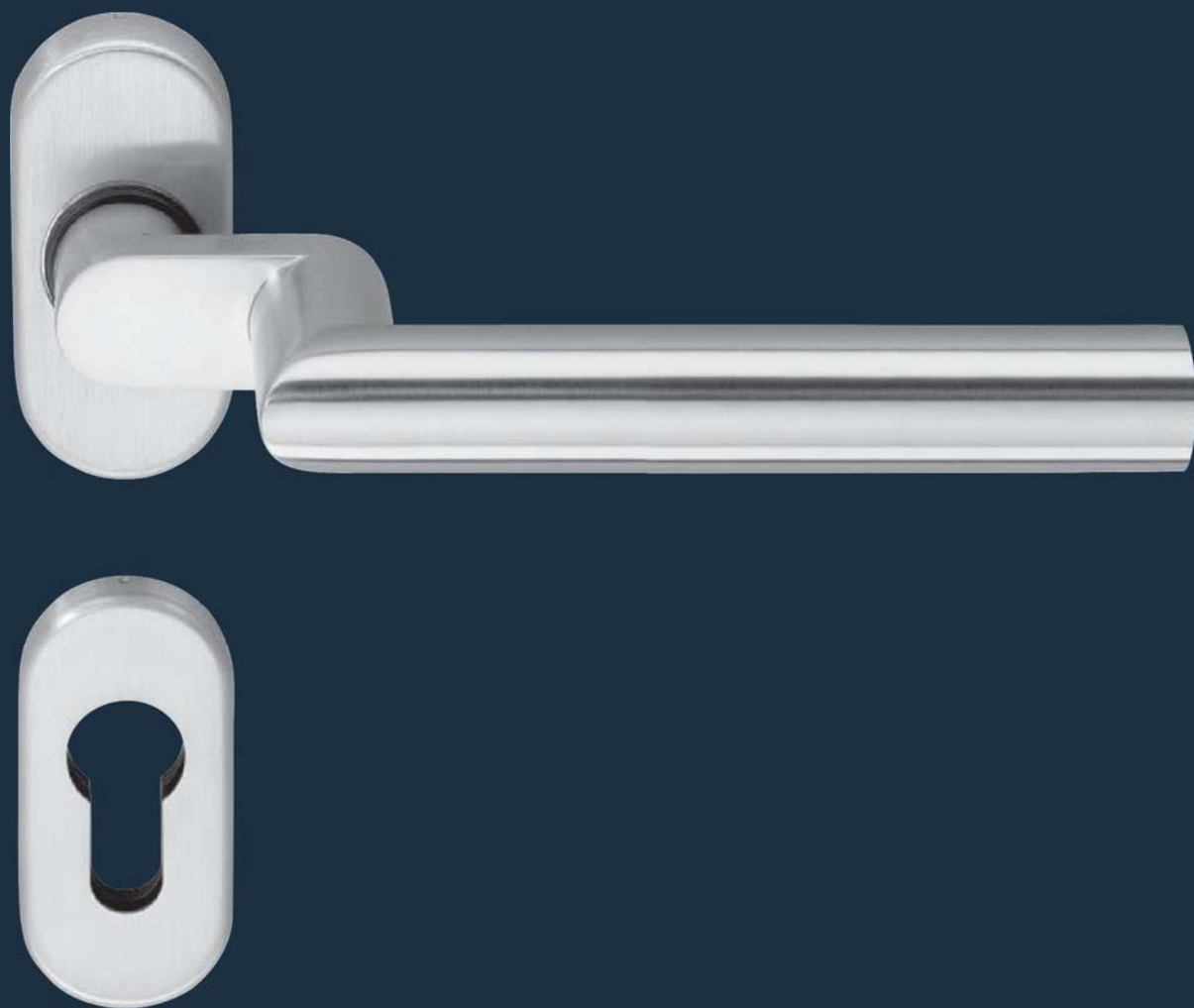
Frankfurt mitred handle

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.

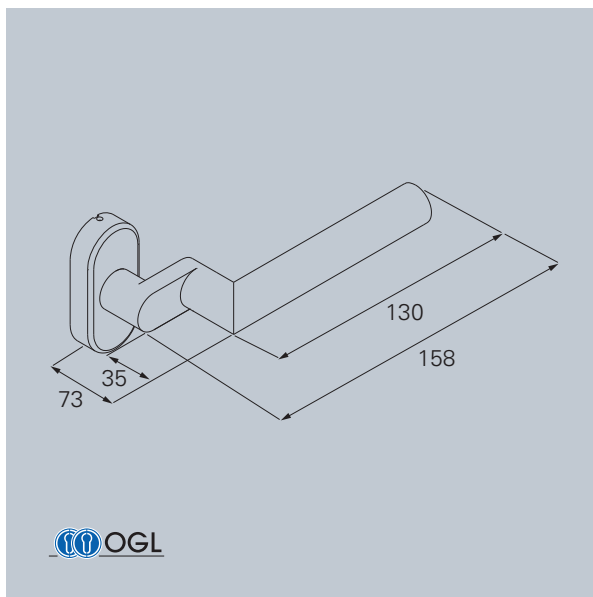
ECO D-315



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Profile frame door

Material:



Stainless Steel



Aluminium

3

PRODUCT FAMILY D-300

Standard handle

Handle on plate



D-310 . Page 244



D-330 . Page 254



D-330 . Page 257



D-330 . Page 259

Oval rose handle

Security handle

Window handle



D-310 . Page 290



D-315 . Page 294



D-335 . Page 298



D-310 . Page 330

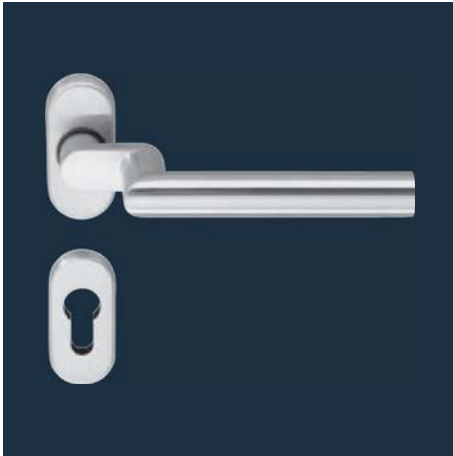


D-315 . Page 342



F-310 . Page 349

D-315 Oval rose handle

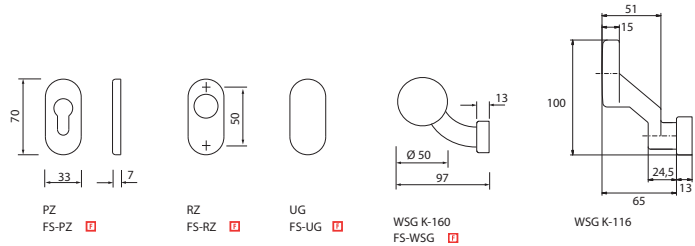


D-315 Oval rose with OGI – friction bearing technology

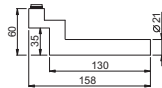
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable (spring support).

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

Utilization category: class 4



OGI – OVAL ROSE HANDLE



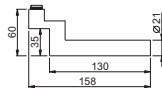
EN 1906 **F**

			Kit sets			Knob				Escutcheon		
	Ø	∇										
S	21 mm	8 mm	178422.46	185205.46	185210.46	1017821746	178200.46	178202.46	178218.46	176850.46	176852.46	176851.46
F	21 mm	9 mm	178420.46	385205.46	385210.46	1017821746	178200.46	178204.46	178217.46	176850.46	176852.46	176851.46

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

*Base Escutcheon incl. fire-proof plate

OGI – OVAL ROSE HANDLE



EN 1906 **F**

			Kit sets			Knob				Escutcheon		
	Ø	∇										
S	21 mm	8 mm	178422.30	185205.30	185210.30	1017821730	178200.30	178202.30	178218.30	177850.30	177852.30	177851.30
F	21 mm	9 mm	178420.30	385205.30	385210.30	1017821730	178200.30	178204.30	178217.30	177850.30	177852.30	177851.30

Finish: F1 Aluminium anodized and F9, further colours on request **

*Base Escutcheon incl. fire-proof plate

** Please see our notes on page 673.



ECO D-300

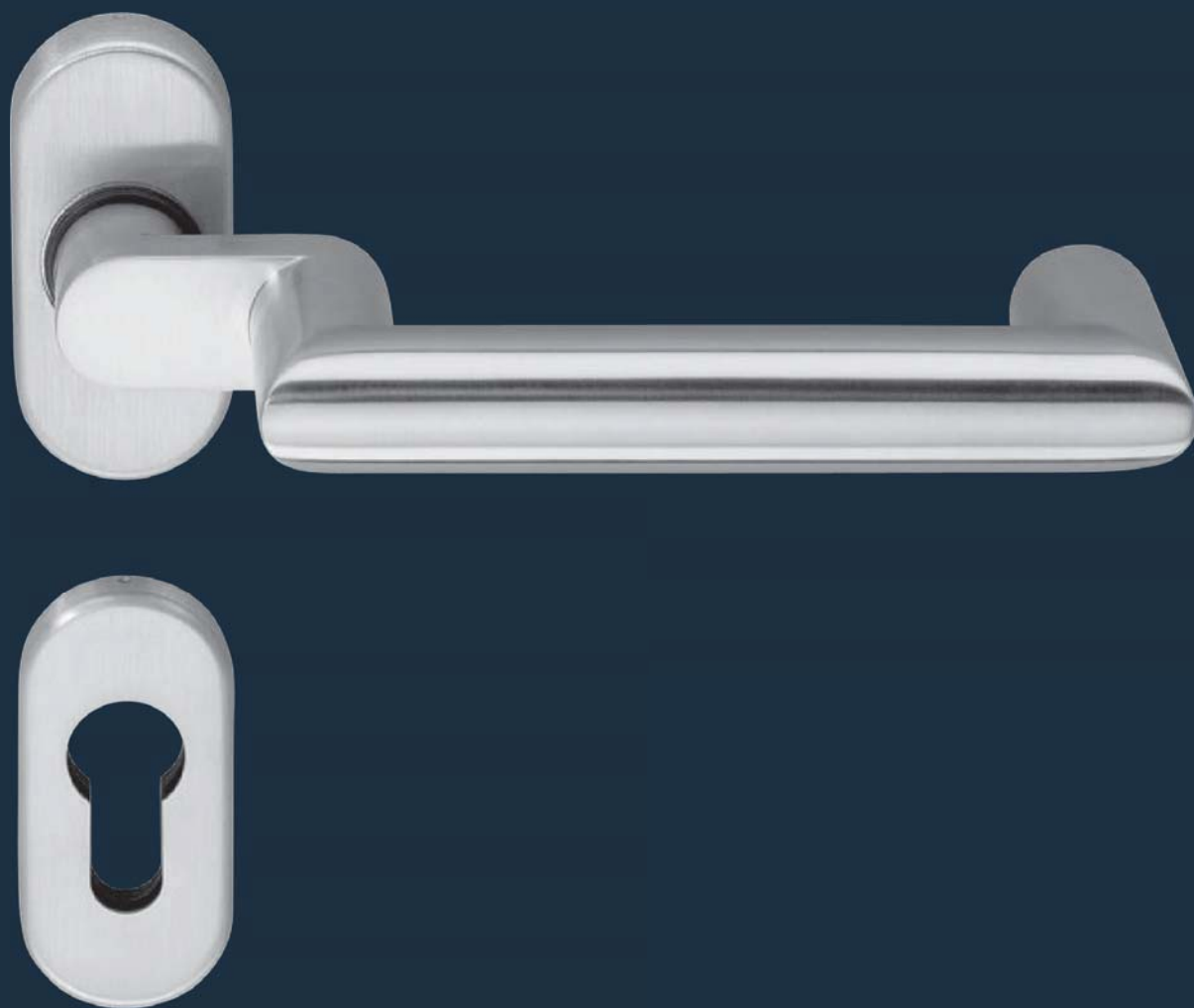
Frankfurt mitred handle

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.

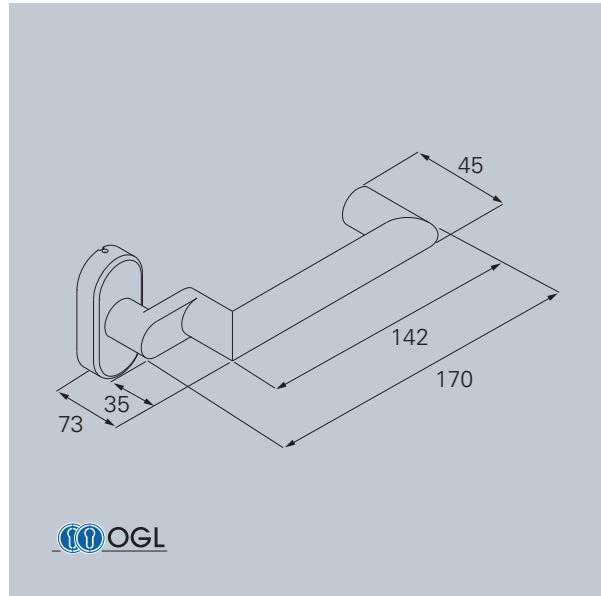
ECO D-335



Product characteristics

Tested acc. to	
With 9 mm spindle acc. to DIN 18273 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



Profile frame door

Material:



Stainless Steel



Aluminium

PRODUCT FAMILY D-300

Standard handle



D-310 . Page 244



D-330 . Page 254

Handle on plate



D-330 . Page 257



D-330 . Page 259

Oval rose handle



D-310 . Page 290



D-315 . Page 294



D-335 . Page 298

Security handle



D-310 . Page 330



D-315 . Page 342

Window handle



F-310 . Page 349

D-335 Oval rose handle

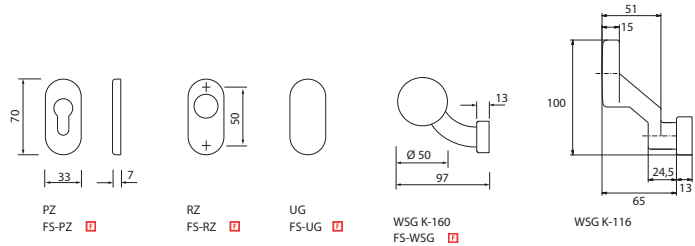


D-335 Oval rose with OGL – friction bearing technology

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

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

Utilization category: class 4



OGL – OVAL ROSE HANDLE

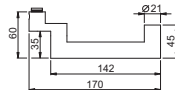


			Kit sets			Knob				Escutcheon		
	Ø	∇										
	21 mm	8 mm	178432.46	185305.46	385340.46	1017821746	178200.46	178202.46	178218.46	176850.46	176852.46	176851.46
	21 mm	9 mm	178430.46	385305.46	385310.46	1017821746	178200.46	178204.46	178217.46	176850.46	176852.46	176851.46

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

*Base Escutcheon incl. fire-proof plate

OGL – OVAL ROSE HANDLE



			Kit sets			Knob				Escutcheon		
	Ø	∇										
	21 mm	8 mm	178432.30	185305.30	385340.30	1017821730	178200.30	178202.30	178218.30	177850.30	177852.30	177851.30
	21 mm	9 mm	178430.30	385305.30	385310.30	1017821730	178200.30	178204.30	178217.30	177850.30	177852.30	177851.30

Finish: F1 Aluminium anodized and F9, further colours on request **

*Base Escutcheon incl. fire-proof plate

** Please see our notes on page 673.



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.

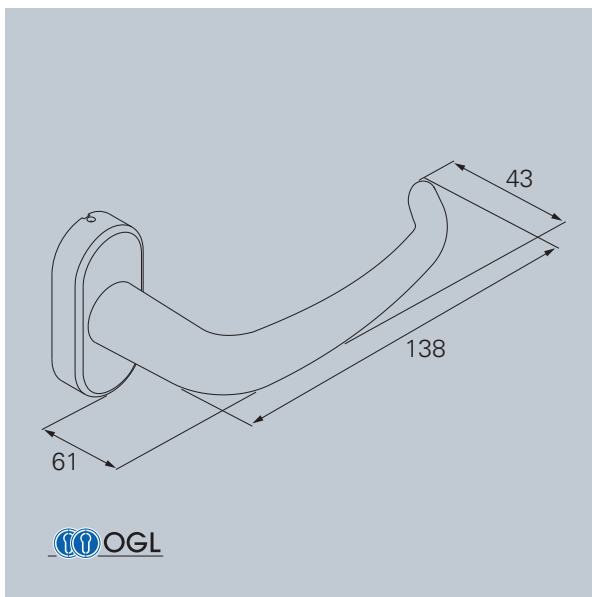
ECO D-410



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Profile frame door

Material:



Stainless Steel

3

PRODUCT FAMILY D-400

Standard handle



D-410 . Page 262



D-490 . Page 270

Handle on plate



D-410 . Page 265



D-410 . Page 267

Oval rose handle



D-410 . Page 302



D-415 . Page 306

Window handle



F-410 . Page 349

D-410 Oval rose handle

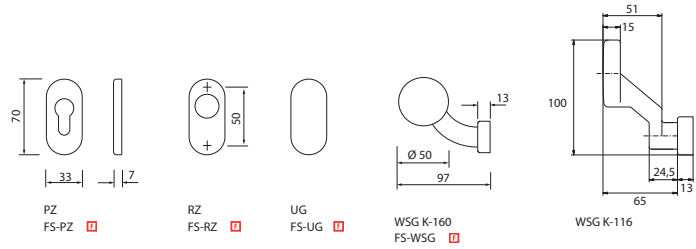


D-410 Oval rose with OGL – friction bearing technology

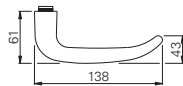
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

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

Utilization category: class 4



OGL – OVAL ROSE HANDLE



	Ø	∇	Kit sets			Knob			Escutcheon		
S	24 mm	8 mm	178462.46	185a05.46	185a10.46	178200.46	178202.46	178218.46	176850.46	176852.46	176851.46
F	24 mm	9 mm	178460.46	385a05.46	385a10.46	178200.46	178204.46	178217.46	176850.46	176852.46	176851.46

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

*Base Escutcheon 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.

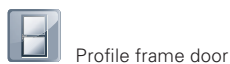
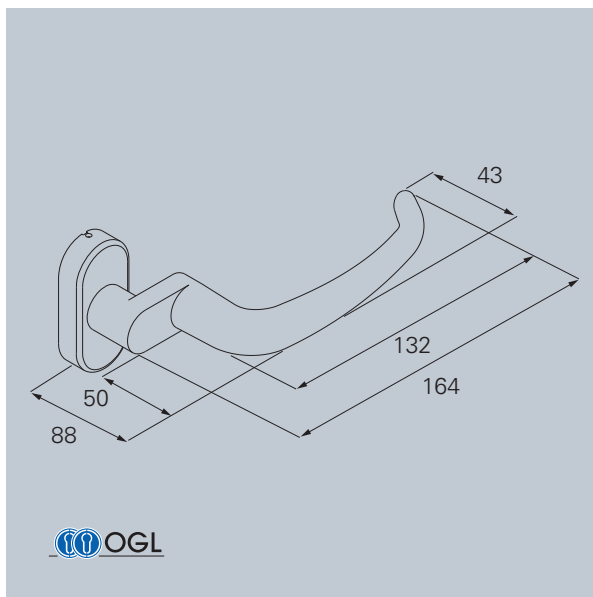
ECO D-415



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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:



3

PRODUCT FAMILY D-400

Standard handle Handle on plate



D-410 . Page 262



D-490 . Page 270



D-410 . Page 265



D-410 . Page 267

Oval rose handle Window handle



D-410 . Page 302



D-415 . Page 306



F-410 . Page 349

D-415 Oval rose handle

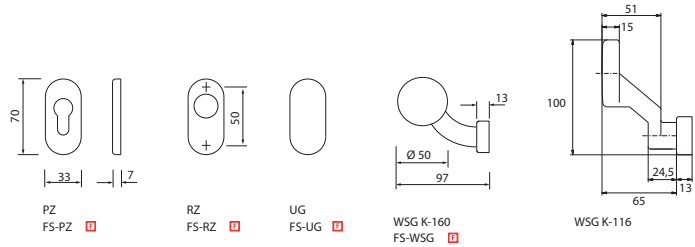


D-415 Oval rose with OGL – friction bearing technology

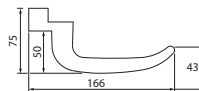
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable know and powerful locking (spring support).

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

Utilization category: class 4



OGL – OVAL ROSE HANDLE



EN 1906

EN 179

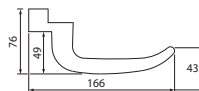
F

			Kit sets			Knob			Escutcheon		
	Ø	∇									
S	23,5 mm	8 mm	178472.46	185105.46	185110.46	178218.46	178200.46	178202.46	176850.46	176852.46	176851.46
F	23,5 mm	9 mm	178470.46	385105.46	385110.46	178217.46	178200.46	178204.46	176850.46	176852.46	176851.46

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

*Base Escutcheon incl. fire-proof plate

OGL – OVAL ROSE HANDLE



EN 1906

EN 179

F

			Kit sets			Knob			Escutcheon		
	Ø	∇									
S	23,5 mm	8 mm	178472.30	185105.30	1017821730	178218.30	178200.30	178202.30	177850.30	177852.30	177851.30
F	23,5 mm	9 mm	178470.30	385105.30	1017821730	178217.30	178200.30	178204.30	177850.30	177852.30	177851.30

Finish: F1 Aluminium anodized and F9, further colours on request **

*Base Escutcheon incl. fire-proof plate

** Please see our notes on page 673.

45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.



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-415 for profile frame doors.

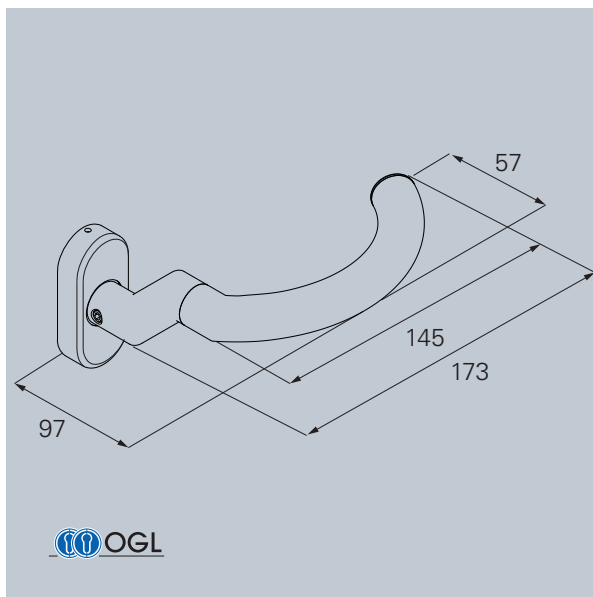
ECO D-515



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 fire protection tested	F
Lever form for escape doors and emergency exits	EN 179 
Restoring spring	■
Fixable bearing	■
Steel base optional with positioning studs	■
Concealed screw technology	■
DIN left / right	■

■ Yes - No □ Option



Profile frame door

Material:



Stainless Steel

3

PRODUCT FAMILY D-500

Standard handle

Handle on plate

Oval rose handle



D-510 . Page 274



D-510 . Page 278



D-515 . Page 310

D-515 Oval rose handle

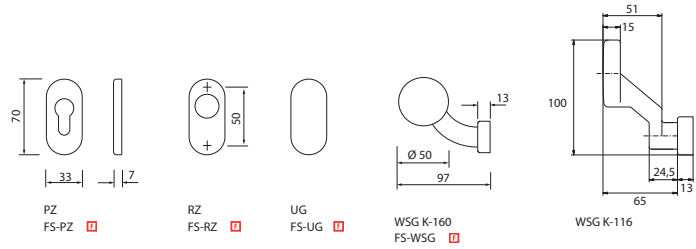


D-515 Oval rose with OGL – friction bearing technology

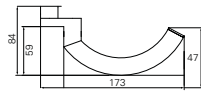
Lever guidance consists of a closed, maintenance-free friction bearing with self-lubricating plastic. Available with fixed knob or turnable knob and powerful locking (spring support).

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

Utilization category: class 4



OGL – OVAL ROSE HANDLE



	Ø	∇	Kit sets			Knob			Escutcheon		
	21 mm	8 mm	178492.46	185905.46	185920.46	178200.46	178202.46	178218.46	176850.46	176852.46	176851.46
	21 mm	9 mm	178490.46	385905.46	385910.46	178200.46	178204.46	178217.46	176850.46	176852.46	176851.46

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

*Base Escutcheon incl. fire-proof plate

Optional with positioning studs



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



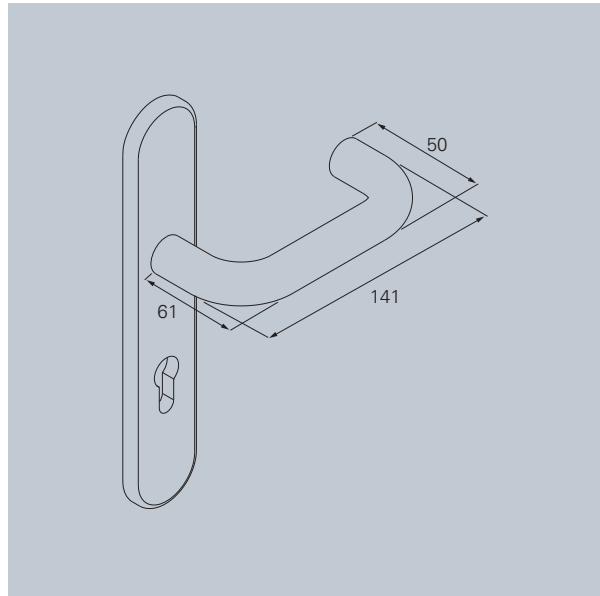
ECO D-110 Security handle set



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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



Steel door



Wooden door

Material:



Stainless Steel



Aluminium



PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 216



D-120 . Page 228



D-190 . Page 234



D-110 . Page 219



D-110 . Page 222

Oval rose handle

Security handle

Window handle



D-115 . Page 282



D-116 . Page 286



D-110 . Page 316



D-111 . Page 326



D-116 . Page 338



F-110 . Page 349

D-110 Long plate security handle set ES 3



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

Fixed in maintenance-free bearing.

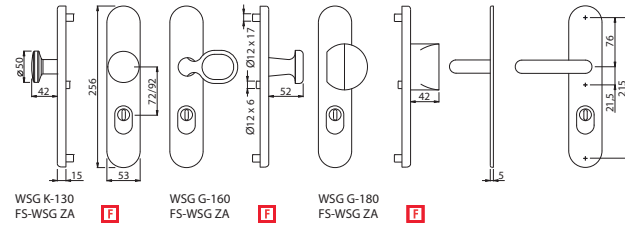
Anti-burglary protection class ES 3 / class 4.

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

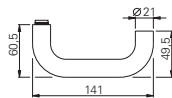
Utilization category: class 4

Outside: mounting height 15 mm

FS-92 on request



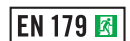
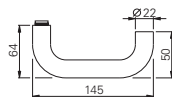
OGG - LONG PLATE SECURITY HANDLE SET



Kit sets ZA

	∅	Distance	∇				
S	21 mm	72 mm	8 mm	713312.46	713342.46	713322.46	713362.46
F	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 satin, further colours on request



Kit sets ZA

	∅	Distance	∇				
S	22 mm	72 mm	8 mm	713312.30	713342.30	713322.30	713362.30
F	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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

D-110 Long plate security handle set ES 2



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

Fixed in maintenance-free bearing.

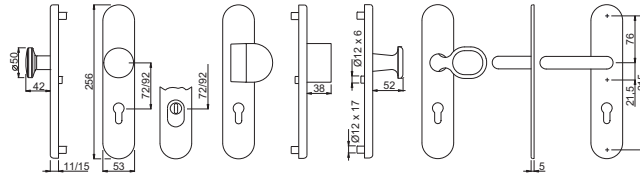
Anti-burglary protection class ES 2 / class 3.

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

Utilization category: class 4

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

FS-92 on request



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

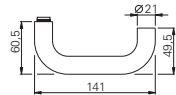
PZ

ZA

WSG G-170
FS-WSG PZ **F**

WSG G-160
FS-WSG PZ **F**

OGI – LONG PLATE SECURITY HANDLE SET



EN 1906

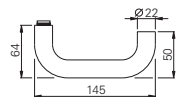
EN 179

F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
S	21 mm	72 mm	8 mm	712311.46	712341.46	712321.46	712361.46	712312.46	712342.46	712322.46	712362.46
F	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 satin, further colours on request



EN 1906

EN 179

F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
S	22 mm	72 mm	8 mm	712311.30	712341.30	712321.30	712361.30	712312.30	712342.30	712322.30	712362.30
F	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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

For door thickness 38 – 45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

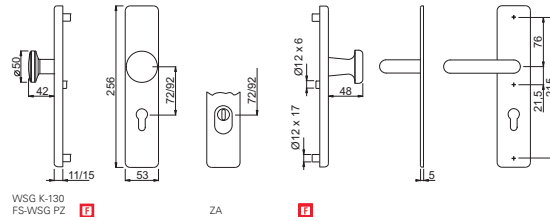
D-110 Long plate security handle set ES 2



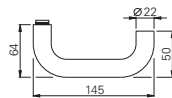
D-110 Long plate security handle set ES 2 with OGL

Fixed in maintenance-free bearing.
 Anti-burglary protection class ES 2 / class 3.
 Available with knob K-130 and grip plate G-190.

Utilization 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	
S	22 mm	72 mm	8 mm	718311.30	718341.30	718312.30	718342.30
F	22 mm	72 mm	9 mm	768311.30	768341.30	768312.30	768342.30
	22 mm	92 mm	10 mm	748511.30	748541.30	748512.30	748542.30

Finish: Aluminium anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

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.

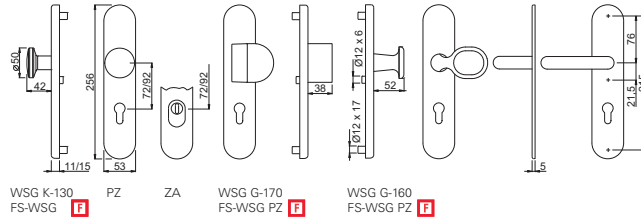
Anti-burglary protection class ES 1 / class 2.

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

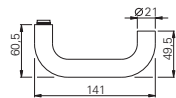
Utilization category: class 4

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

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET



EN 1906

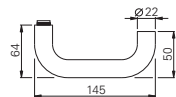
EN 179

F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
	21 mm	72 mm	8 mm	711311.46	711341.46	711321.46	711371.46	711312.46	711342.46	711322.46	711372.46
	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 satin, further colours on request



EN 1906

EN 179

F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
	22 mm	72 mm	8 mm	711311.30	711341.30	711321.30	711371.30	711312.30	711342.30	711322.30	711372.30
	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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

For door thickness 38 – 45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

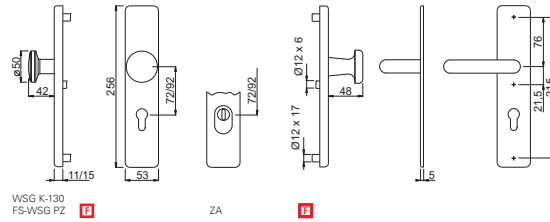
D-110 Long plate security handle set ES 1



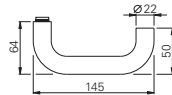
D-110 Long plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.
Anti-burglary protection class ES 1 / class 2.
Available with knob K-130 and grip plate G-190.

Utilization category: class 4
Outside: mounting height 15 mm (11 mm on request)
FS-92 on request



OGL - LONG PLATE SECURITY HANDLE SET



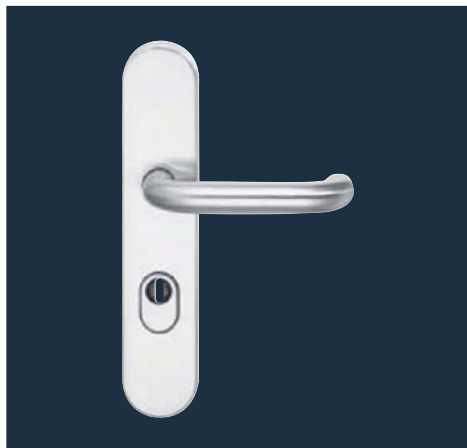
	∅	Distance	∇	Kit sets PZ		Kit sets ZA	
S	22 mm	72 mm	8 mm	717311.30	717341.30	717312.30	717342.30
F	22 mm	72 mm	9 mm	767311.30	767341.30	767312.30	767342.30
	22 mm	92 mm	10 mm	747511.30	747541.30	747512.30	747542.30

Finish: Aluminium anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

D-110 Long plate security handle set ES 0



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

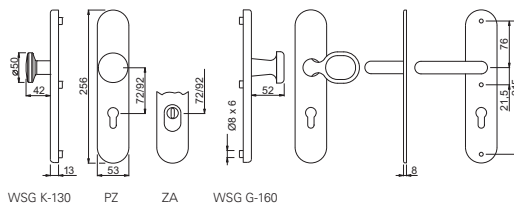
Anti-burglary protection class ES 0 / class 1.

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

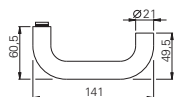
Utilization category: class 3

Outside: mounting height 13 mm on request.

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET



	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 satin, further colours on request

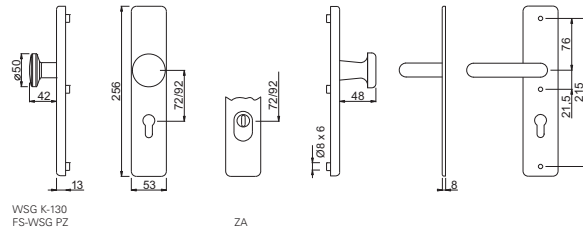
D-110 Long plate security handle set ES 0



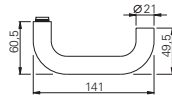
D-110 Long plate security handle set ES 0 with OGL








Anti-burglary protection class ES 0 / class 1.
Available with knob K-130 and grip plate G-190.

Utilization category: class 3
Outside: mounting height 13 mm
FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET



	∅	Distance	▣	Kit sets PZ		Kit sets ZA	
							
	21 mm	72 mm	8 mm	719311.46	719341.46	719312.46	719342.46
	21 mm	88 mm	8,5 mm	719911.46	719941.46	719912.46	719942.46
	21 mm	92 mm	10 mm			749512.46	749542.46

Finish: Stainless steel satin, further colours on request

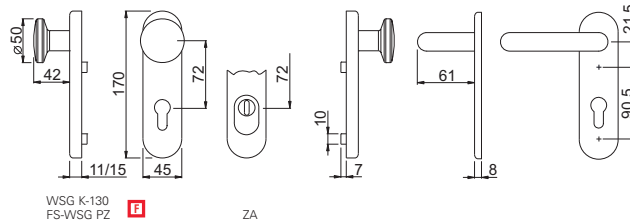
D-110 Short plate security handle set ES 1



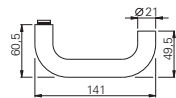
D-110 Short plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.
Anti-burglary protection class ES 1 / class 2.
Available with knob K-130.

Utilization category: class 4
Outside: mounting height 15 mm (11 mm on request)
FS-92 on request

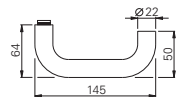


OGL – SHORT PLATE SECURITY HANDLE SET



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

Finish: Stainless steel satin, further colours on request



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


Finish: Aluminium anodized, further colours on request.

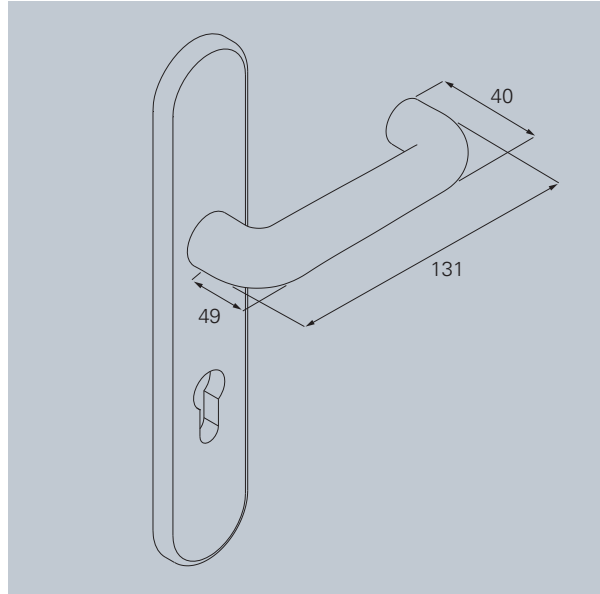
The execution ZA is designed for cylinder projections of 11 – 14 mm.
For door thickness 38 – 45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

ECO D-111 Security handle set



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 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	



Steel door



Aluminium



Wooden door



PRODUCT FAMILY D-100

Standard handle

Handle on plate



D-110 . Page 216



D-120 . Page 228



D-190 . Page 234



D-110 . Page 219



D-110 . Page 222

Oval rose handle

Security handle

Window handle



D-115 . Page 282



D-116 . Page 286



D-110 . Page 316



D-111 . Page 326



D-116 . Page 338



F-110 . Page 349

D-111 Long plate security handle set ES 0



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

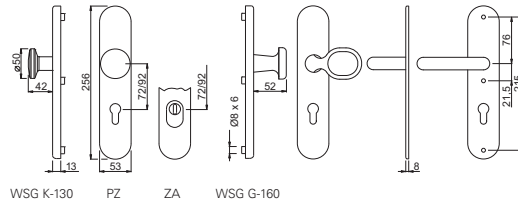
Anti-burglary protection class ES 0 / class 1.

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

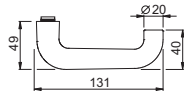
Utilization category: class 3










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

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET



	∅	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 anodized, further colours on request.



ECO

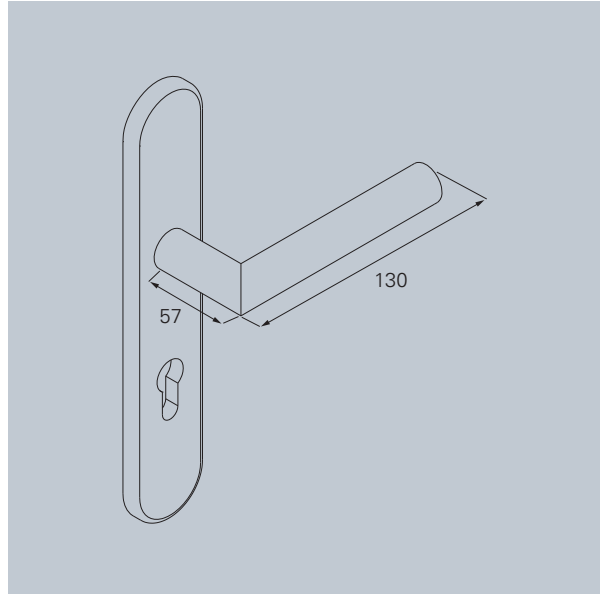
ECO D-310 Security handle set



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 fire protection tested	F
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



Steel door



Wooden door



Material:



Stainless Steel



Aluminium

PRODUCT FAMILY D-300

Standard handle



D-310 . Page 244



D-330 . Page 254

Handle on plate



D-330 . Page 257



D-330 . Page 259

Oval rose handle



D-310 . Page 290



D-315 . Page 294



D-335 . Page 298

Security handle



D-310 . Page 330



D-315 . Page 342

Window handle



F-310 . Page 349

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.

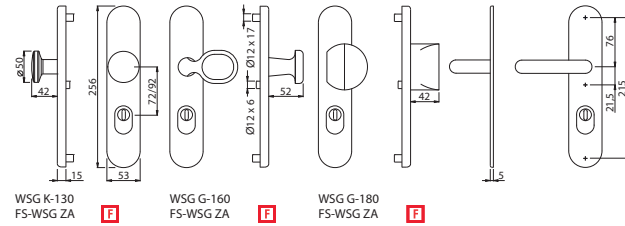
Anti-burglary protection class ES 3 / class 4.

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

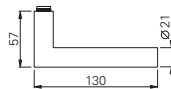
Utilization category: class 4

Outside: mounting height 15 mm

FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET



EN 1906

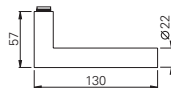
F



Kit sets ZA

	∅	Distance	∠				
S	21 mm	72 mm	8 mm	733312.46	733342.46	733322.46	733362.46
F	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 satin, further colours on request



EN 1906

F



Kit sets ZA

	∅	Distance	∠				
S	22 mm	72 mm	8 mm	733312.30	733342.30	733322.30	733362.30
F	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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

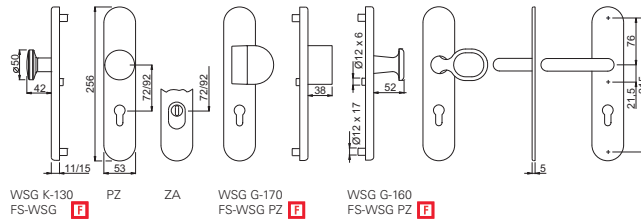
45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

D-310 Long plate security handle set ES 2

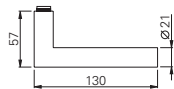


D-310 Long plate security handle set ES 2 with OGL

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.
 Utilization category: class 4
 Outside: mounting height 15 mm (11 mm on request)
 FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET

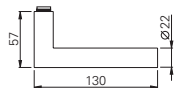


EN 1906 F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
S	21 mm	72 mm	8 mm	732311.46	732341.46	732321.46	732361.46	732312.46	732342.46	732322.46	732362.46
F	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 satin, further colours on request



EN 1906 F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
S	22 mm	72 mm	8 mm	732311.30	732341.30	732321.30	732361.30	732312.30	732342.30	732322.30	732362.30
F	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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.
 For door thickness 38 – 45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

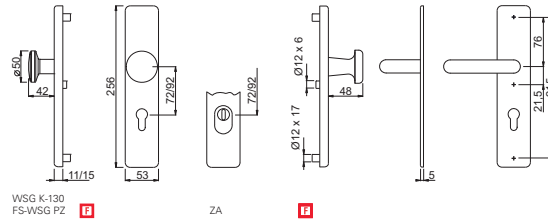
D-310 Long plate security handle set ES 2



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.

Utilization 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	
S	22 mm	72 mm	8 mm	738311.30	738341.30	738312.30	738342.30
F	22 mm	72 mm	9 mm	788311.30	788341.30	788312.30	788342.30
	22 mm	92 mm	10 mm	708511.30	708541.30	708512.30	708542.30

Finish: Aluminium anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

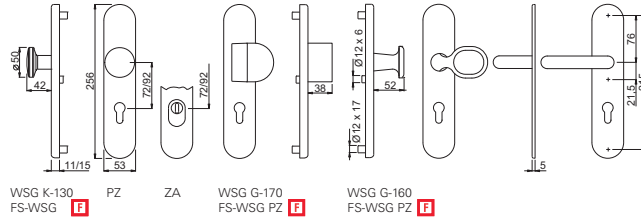
45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

D-310 Long plate security handle set ES 1

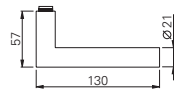


D-310 Long plate security handle set ES 1 with OGL

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.
 Utilization category: class 4
 Outside: mounting height 15 mm (11 mm on request)
 FS-92 on request



OGL – LONG PLATE SECURITY HANDLE SET

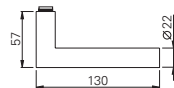


EN 1906 F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
S	21 mm	72 mm	8 mm	731311.46	731341.46	731321.46	731371.46	731312.46	731342.46	731322.46	731372.46
F	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 satin, further colours on request



EN 1906 F



	Ø	Distance	∇	Kit sets PZ				Kit sets ZA			
S	22 mm	72 mm	8 mm	731311.30	731341.30	731321.30	731371.30	731312.30	731342.30	731322.30	731372.30
F	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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.
 For door thickness 38 – 45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

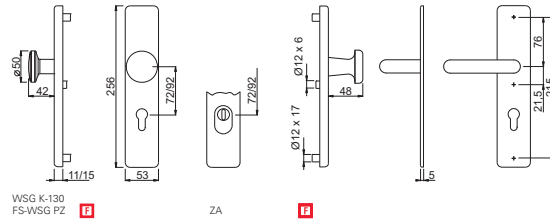
D-310 Long plate security handle set ES 1



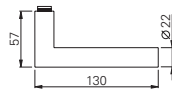
D-310 Long plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.
Anti-burglary protection class ES 1 / class 2.
Available with knob K-130 and grip plate G-190.

Utilization 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	
S	22 mm	72 mm	8 mm	737311.30	737341.30	737312.30	737342.30
F	22 mm	72 mm	9 mm	787311.30	787341.30	787312.30	787342.30
	22 mm	92 mm	10 mm	707511.30	707541.30	707512.30	707542.30

Finish: Aluminium anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

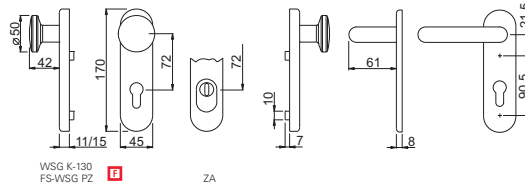
45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

D-310 Short plate security handle set ES 1

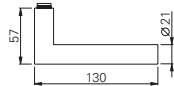


D-310 Short plate security handle set ES 1 with OGL

Fixed in maintenance-free bearing.
 Anti-burglary protection class ES 1 / class 2.
 Available with knob K-130.
 Utilization category: class 4
 Outside: mounting height 15 (11 mm on request)



OGL – SHORT PLATE SECURITY HANDLE SET



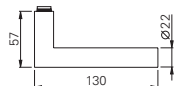
EN 1906

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 satin, 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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.
 For door thickness 38 – 45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

ECO D-116 Security handle set



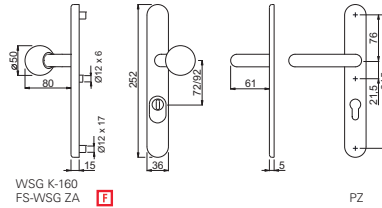
D-116 Security handle set for profile frame doors



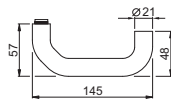
D-116 Security handle set for profile frame doors with OGL – friction bearing technology

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

Utilization 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

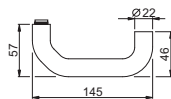
EN 179

F



	∅	Distance	▣	Kit sets PZ		Kit sets ZA	
	21 mm	72 mm	8 mm	822311.46	822341.46	822312.46	822342.46
	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 satin, further colours on request



EN 1906

EN 179

F



	∅	Distance	▣	Kit sets PZ		Kit sets ZA	
	22 mm	72 mm	8 mm	822311.30	822341.30	822312.30	822342.30
	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 anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.



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.

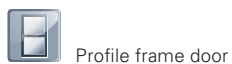
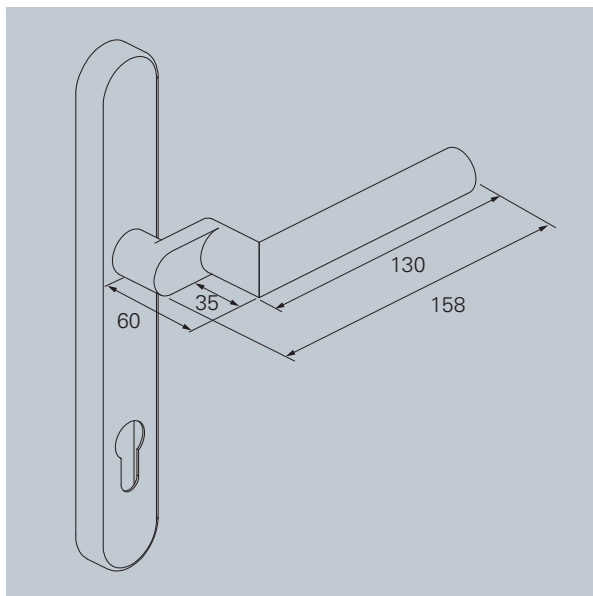
ECO D-315 Security handle set



Product characteristics

Tested acc. to	EN 1906
With 9 mm spindle acc. to DIN 18273 fire protection tested	F
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:



3

PRODUCT FAMILY D-300

Standard handle Handle on plate



D-310 . Page 244



D-330 . Page 254



D-330 . Page 257



D-330 . Page 259

Oval rose handle Security handle Window handle



D-310 . Page 290



D-315 . Page 294



D-335 . Page 298



D-310 . Page 330



D-315 . Page 342



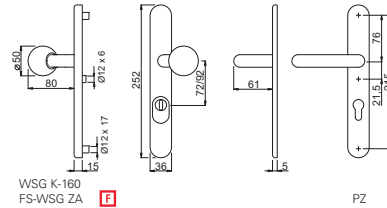
F-310 . Page 349

D-315 Security handle set for profile frame doors

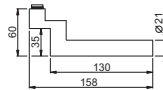


D-315 Security handle set for profile frame doors with OGL – friction bearing technology

Fixed in maintenance-free bearing.
 Anti-burglary protection class ES 1 / class 2. Available with knob K-160.
 Utilization category: class 4
 Outside: mounting height 15 mm.
 Distance 72 mm also available as fire protection version with 9 mm spindle



OGL – SECURITY HANDLE SET FOR PROFILE FRAME DOORS



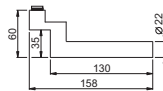
EN 1906

F



	∅	Distance	∇	Kit sets PZ		Kit sets ZA	
	21 mm	72 mm	8 mm	852311.46	852341.46	852312.46	852342.46
	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 satin, further colours on request



EN 1906

F



	∅	Distance	∇	Kit sets PZ		Kit sets ZA	
	22 mm	72 mm	8 mm	882311.30	882341.30	882312.30	882342.30
	22 mm	92 mm	9 mm	884511.30	884541.30	884512.30	884542.30
	22 mm	92 mm	10 mm	886811.30	886541.30	886512.30	886542.30

Finish: Aluminium anodized, further colours on request.

The execution ZA is designed for cylinder projections of 11 – 14 mm.

45 mm. Fire-proof lever sets for door thickness 40 – 65 mm. Please advise door thickness when ordering.

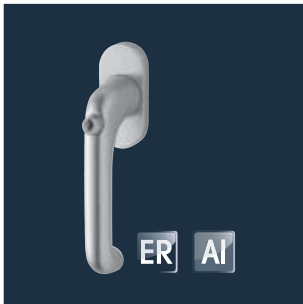
European Parliament, Brussels,
Belgium



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.

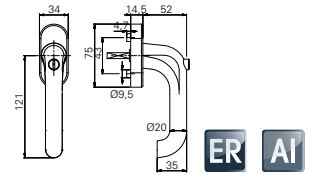
Object window handle ■ Lockable



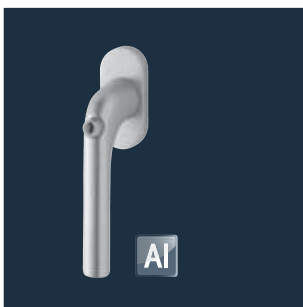
FO-110 A

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing.

Further spindle lengths on request



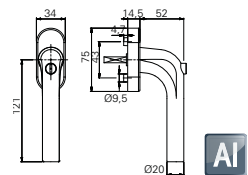
FO-110 A U-Form	Colours	Studs	Spindle	Article number
FO-110 A ER	Stainless steel, satin	∅ 10 mm	7 x 35 mm	102728064610835
FO-110 A AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728063010835



FO-210 A

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing.

Further spindle lengths on request



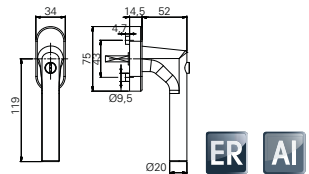
FO-210 A L-Form	Colours	Studs	Spindle	Article number
FO-210 A AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728363010835



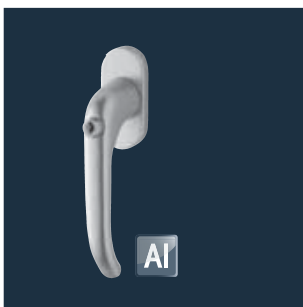
FO-310 A

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing.

Further spindle lengths on request



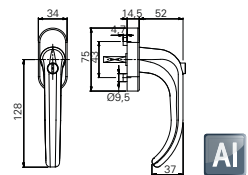
FO-310 A CL-Form	Colours	Studs	Spindle	Article number
FO-310 A ER	Stainless steel, satin	∅ 10 mm	7 x 35 mm	102728664610835
FO-310 A AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728663010835



FO-410 A

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing.

Further spindle lengths on request



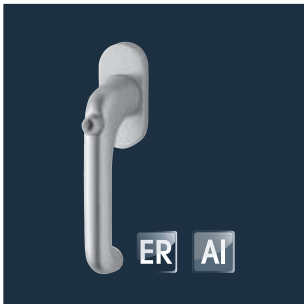
FO-410 A U-Form	Colours	Studs	Spindle	Article number
FO-410 A AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102727043010835



For the certificate see our homepage
<http://zertifikate.eco-schulte.de>

These window handles were tested separately to 100 Nm acc. to **EN 1657**: 2011-09, Enclosure B, Table B1.

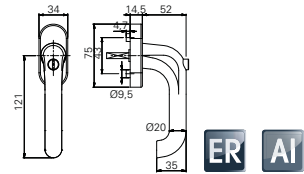
Object window handle ■ TBT



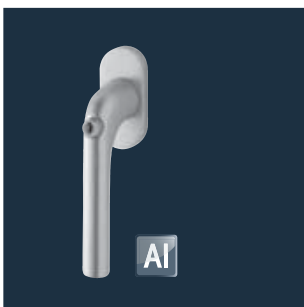
FO-110 TBT

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing. **TBT-Execution**

Further spindle lengths on request



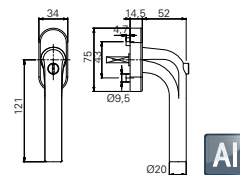
FO-110 TBT U-Form	Colours	Studs	Spindle	Article number
FO-110 TBT ER	Stainless steel, satin	∅ 10 mm	7 x 35 mm	102728064610935
FO-110 TBT AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728063010935



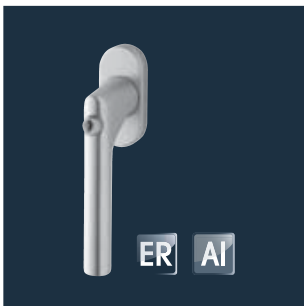
FO-210 TBT

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing. **TBT-Execution**

Further spindle lengths on request



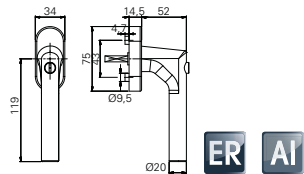
FO-210 TBT L-Form	Colours	Studs	Spindle	Article number
FO-210 TBT AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728363010935



FO-310 TBT

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing. **TBT-Execution**

Further spindle lengths on request



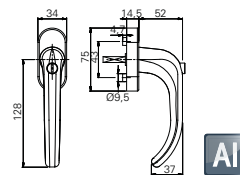
FO-310 TBT CL-Form	Colours	Studs	Spindle	Article number
FO-310 TBT ER	Stainless steel, satin	∅ 10 mm	7 x 35 mm	102728664610935
FO-310 TBT AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728663010935



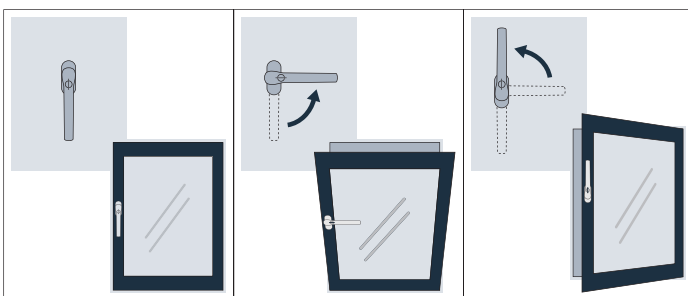
FO-410 TBT

Lockable window handles suitable for commercial properties with 90° ball lock. Pressure cylinder in the handle piece (1 key simultaneous locking). Concealed screws with 43 mm drill spacing. **TBT-Execution**

Further spindle lengths on request



FO-410 TBT U-Form	Colours	Studs	Spindle	Article number
FO-410 TBT AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102727043010935

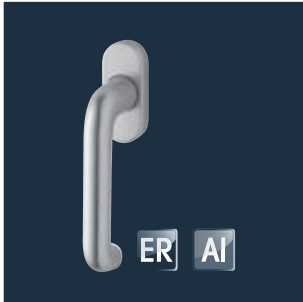


The TBT technique (**T**ilt before **T**urn) helps locking the handle in the tilt position (90° position) with a key.

A further turning of the handle into the opening position (180° position) is only possible after another unlocking action.

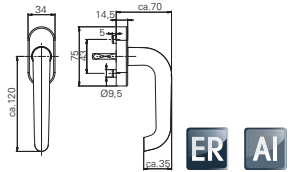
In order to use this function, the window has to be **prepared** for it. The window handle itself is not sufficient to enable this function.

Object window handle

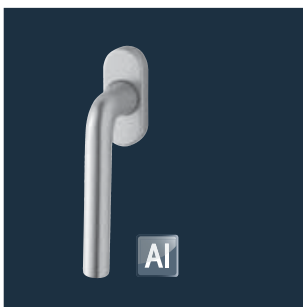


FO-110

Window handle suitable for commercial properties with 90° ball lock on solid construction
 Concealed screws with 43 mm drill spacing.
 Further spindle lengths on request

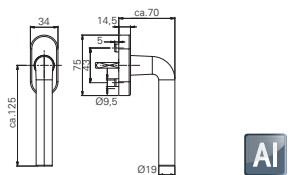


FO-110 U-Form	Colours	Studs	Spindle	Article number
FO-110 ER	Stainless steel, satin	∅ 10 mm	7 x 35 mm	102728064610735
FO-110 AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728063010735

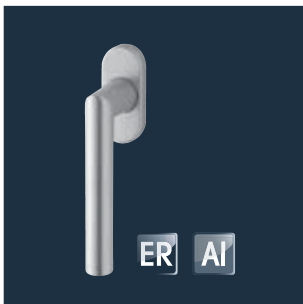


FO-210

Window handle suitable for commercial properties with 90° ball lock on solid construction
 Concealed screws with 43 mm drill spacing.
 Further spindle lengths on request

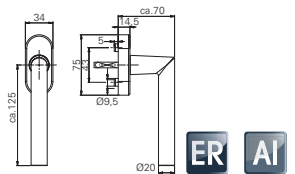


FO-210 L-Form	Colours	Studs	Spindle	Article number
FO-210 AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728363010735

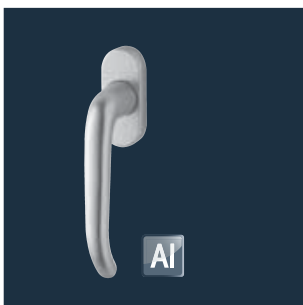


FO-310

Window handle suitable for commercial properties with 90° ball lock on solid construction
 Concealed screws with 43 mm drill spacing.
 Further spindle lengths on request

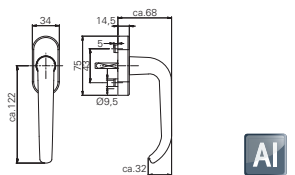


FO-310 CL-Form	Colours	Studs	Spindle	Article number
FO-310 ER	Stainless steel, satin	∅ 10 mm	7 x 35 mm	102728664610735
FO-310 AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728663010735



FO-410

Window handle suitable for commercial properties with 90° ball lock on solid construction
 Concealed screws with 43 mm drill spacing.
 Further spindle lengths on request

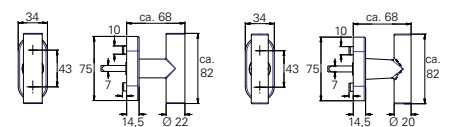


FO-410 U-Form	Colours	Studs	Spindle	Article number
FO-410 AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102727043010735



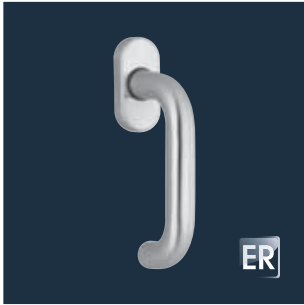
FO-333

Window handle suitable for commercial properties with 90° ball lock on solid construction
 Concealed screws with 43 mm drill spacing.
 Further spindle lengths on request



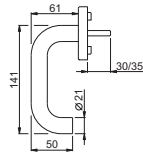
FO-333 T-Handle	Colours	Studs	Spindle	Article number
FO-333 ER	Stainless steel, satin	∅ 10 mm	7 x 35 mm	102728864610735
FO-333 AL	Aluminium, F1 anodized	∅ 10 mm	7 x 35 mm	102728863010735

Window handle



F-110

Nylon base rose with 10 mm or 12 mm positioning studs.
 Handle diameter: 21 mm. 7 mm spindle, 43 mm projection. 90° catch point.
 Further spindle lengths on request

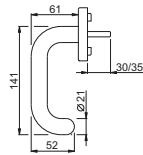


F-110 ER U-Form	Colours	Studs	Spindle	Art. nu.
F-110 ER 12/30	Stainless steel, satin	∅ 12 mm	7 x 30 mm	270807.46
F-110 ER 12/35	Stainless steel, satin	∅ 12 mm	7 x 35 mm	270808.46
F-110 ER 10/30	Stainless steel, satin	∅ 10 mm	7 x 30 mm	270805.46
F-110 ER 10/35	Stainless steel, satin	∅ 10 mm	7 x 35 mm	270806.46



F-120

Nylon base rose with 10 mm or 12 mm positioning studs.
 Handle diameter: 21 mm. 7 mm spindle, 43 mm projection. 90° catch point.
 Further spindle lengths on request

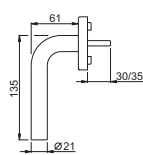


F-120 ER UR-Form	Colours	Studs	Spindle	Art. nu.
F-120 ER 12/30	Stainless steel, satin	∅ 12 mm	7 x 30 mm	270817.46
F-120 ER 12/35	Stainless steel, satin	∅ 12 mm	7 x 35 mm	270819.46
F-120 ER 10/30	Stainless steel, satin	∅ 10 mm	7 x 30 mm	270815.46
F-120 ER 10/35	Stainless steel, satin	∅ 10 mm	7 x 35 mm	270816.46



F-210

Nylon base rose with 10 mm or 12 mm positioning studs.
 Handle diameter: 21 mm. 7 mm spindle, 43 mm projection. 90° catch point.
 Further spindle lengths on request

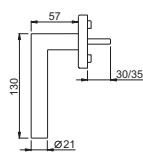


F-210 ER L-Form	Colours	Studs	Spindle	Art. nu.
F-210 ER 12/30	Stainless steel, satin	∅ 12 mm	7 x 30 mm	270837.46
F-210 ER 12/35	Stainless steel, satin	∅ 12 mm	7 x 35 mm	270838.46
F-210 ER 10/30	Stainless steel, satin	∅ 10 mm	7 x 30 mm	270835.46
F-210 ER 10/35	Stainless steel, satin	∅ 10 mm	7 x 35 mm	270836.46

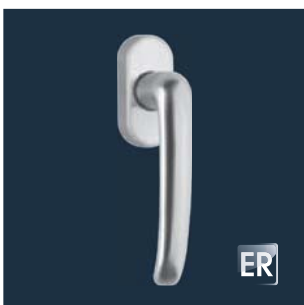


F-310

Nylon base rose with 10 mm or 12 mm positioning studs.
 Handle diameter: 21 mm. 7 mm spindle, 43 mm projection. 90° catch point.
 Further spindle lengths on request

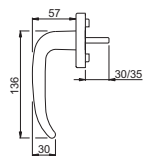


F-310 ER CL-Form	Colours	Studs	Spindle	Art. nu.
F-310 ER 12/30	Stainless steel, satin	∅ 12 mm	7 x 30 mm	270867.46
F-310 ER 12/35	Stainless steel, satin	∅ 12 mm	7 x 35 mm	270868.46
F-310 ER 10/30	Stainless steel, satin	∅ 10 mm	7 x 30 mm	270865.46
F-310 ER 10/35	Stainless steel, satin	∅ 10 mm	7 x 35 mm	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	Colours	Studs	Spindle	Art. nu.
F-410 ER 12/30	Stainless steel, satin	∅ 12 mm	7 x 30 mm	270701.46
F-410 ER 12/35	Stainless steel, satin	∅ 12 mm	7 x 35 mm	270703.46
F-410 ER 10/30	Stainless steel, satin	∅ 10 mm	7 x 30 mm	270700.46
F-410 ER 10/35	Stainless steel, satin	∅ 10 mm	7 x 35 mm	270704.46

Accessories



Knobs








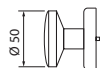
K-130 Round rose

Round rose with knob K-130. Completely rivetted to base rose. Complete with cover rose and pre-mounted sleeve nuts (M5 x 30 mm).

M8 / M12 thread for a spindle for a knob / lever set

Please order the fixing material separately.

 **OGG** **EN 1906** **F**

						
ER	691570.46	691500.46	691440.46			
Al	691570.30	691500.30	691440.30	691501.30	691441.30	







K-165 Round rose

Round rose with knob K-165. Completely rivetted to base rose. Complete with cover rose 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.

 **OGG** **EN 1906** **F**

				
ER	691571.46	692200.46	692300.46	







K-135 Round rose

Round rose OKL-fire protection with knob K-135. Completely rivetted to base rose (ER), complete with cover rose (stainless steel satin) 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.

 **OKL**  **OGG** **EN 1906** **F**

				
ER	694000.46	694500.46	694550.46	
ER	693000.46	693500.46	693550.46	M12





K-165 Oval rose

Oval rose with knob K-165. Completely rivetted to base rose. Complete with cover rose. **M12 thread for a spindle for a knob / lever set**
The execution aluminum is polished.

Please order the fixing material separately.

 **OGG** **F**

	Execution		
ER	fixed	101783004600010	
Al	F1p	fixed	101783004600010.3a
ER	Fixable bearing		101782244600010
Al	F1p	Fixable bearing	101782244600010.3a

Security plates / -roses

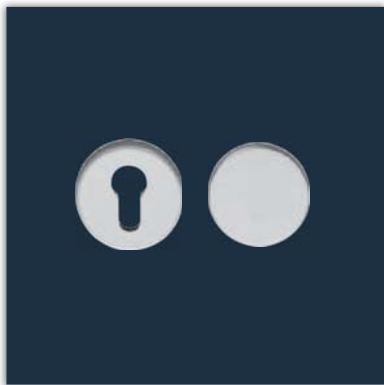


Short plate

- Cover plates with base construction
- Standard colour nylon: black

EN 1906 **EN 179** **F**

ER	326198.46	326196.46		
AI	327198.30	327196.30	327180.30	327181.30
Ku	324188.02	333720.02	325180.02	325194.02



Roses for OGL

- Cover plates with base construction
- Standard colour nylon: black

EN 1906 **EN 179** **F**

ER	366070.46	366075.46	176605.46	176606.46
AI	367076.30	367075.30	177605.30	177606.30
Ku	354810	354811.02	361100	361135



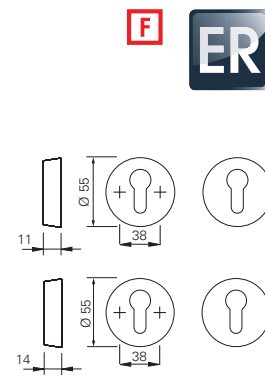
Set of security roses with PZ hole

Material: Stainless steel satin
Consists of:

- Security rose with positioning studs (PZ)
- Steel base rose with cover rose (PZ)
- Fixing material
- Please specify door thickness
- Other door thicknesses on request

Standard door thickness 38 - 45 mm (WR) / 40-66 mm **F**

Execution	11 mm	14 mm
Article number	214500.46	214510.46



F **ER**



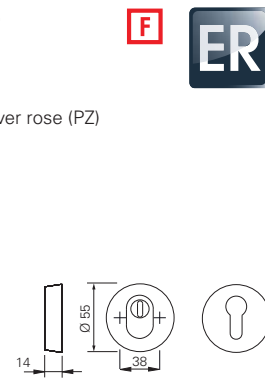
Set of security roses with pull-off protection (ZA)

Material: Stainless steel satin
Consists of:

- Security rose with positioning stud (ZA), steel base rose with cover rose (PZ)
- Fixing material
- Pull-off protection (ZA) cylinder overlap 7 - 15 mm
- Please specify door thickness
- Other door thicknesses on request

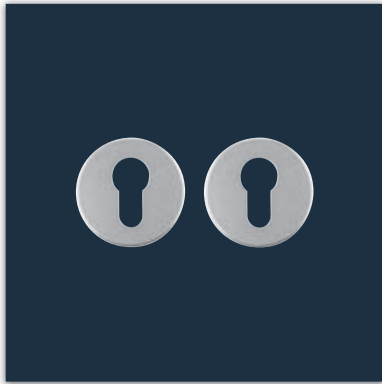
Standard door thickness 38 - 45 mm (WR) / 40-66 mm **F**

Execution	14 mm
Article number	214515.46



F **ER**

Security roses



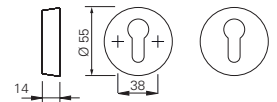
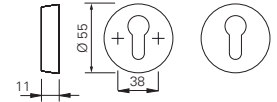
Set of security roses with PZ hole

F
AI

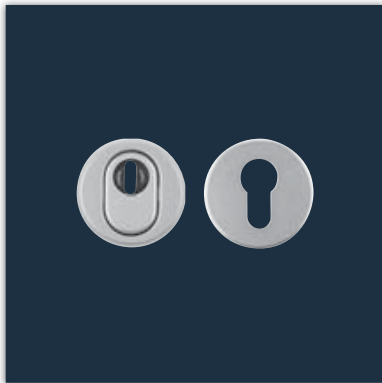
Material: Aluminium F1

Consists of:

- Security rose with positioning studs (PZ), steel base rose with cover rose (PZ)
- Fixing material
- Door thickness 38 - 45 mm
- Other door thicknesses on request

 Standard door thickness 40 - 66 mm **F**


Execution	11 mm	14 mm
Article number	214500.30	214510.30



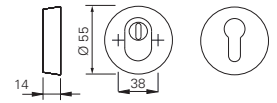
Set of security roses with pull-off protection (ZA)

F
AI

Material: Aluminium F1

Consists of:

- Security rose with positioning stud (ZA), steel base rose with cover rose (PZ)
- Fixing material
- Pull-off protection (ZA) cylinder overlap 7 - 15 mm
- Door thickness 38 - 45 mm
- Other door thicknesses on request

 Standard door thickness 40 - 66 mm **F**


Execution	14 mm
Article number	214515.30

Door stop

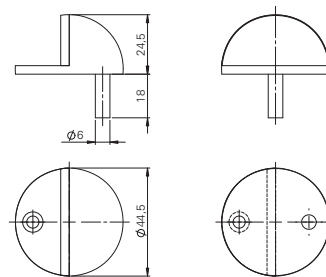


Door stop BS 44

Material: Stainless steel 1.4301
Finish: Satinized / including fixing material



Execution	Door stop BS 44
Article number	257001.46

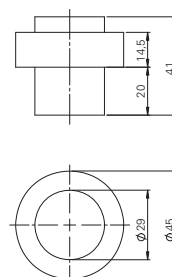


Door stop BS 45

Material: Stainless steel 1.4301
Finish: Satinized / including fixing material



Execution	Door stop BS 45
Article number	257002.46

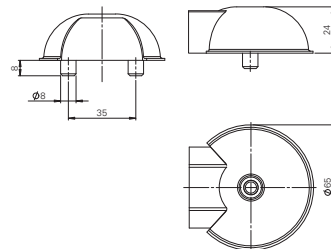


Door stop BS 65

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

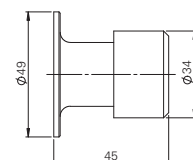


Door stop for walls WS 46

Material: Stainless steel 1.4301
Finish: Satinized / including fixing material



Execution	Door stop for walls WS 46
Article number	257008.46

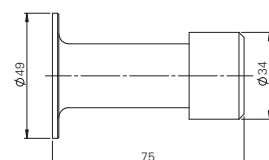


Door stop for walls WS 76

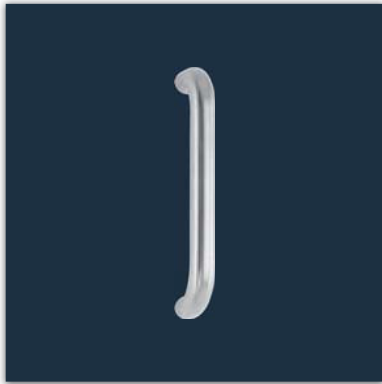
Material: Stainless steel 1.4301.
Finish: Satinized / including fixing material



Execution	Door stop for walls WS 76
Article number	257007.46



Push-pull handles



S-110 Push-pull handle straight

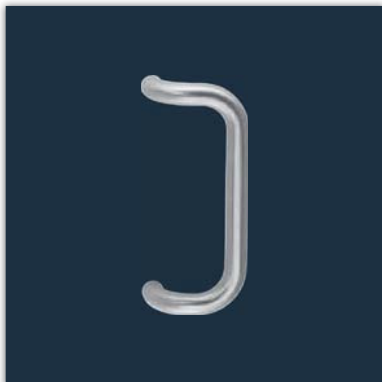
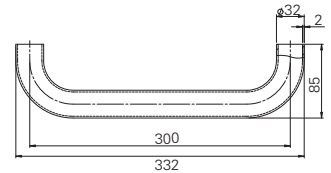
Handle diameter 32 mm. Distance between centres 300 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

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



S-410 Push-pull handle cranked

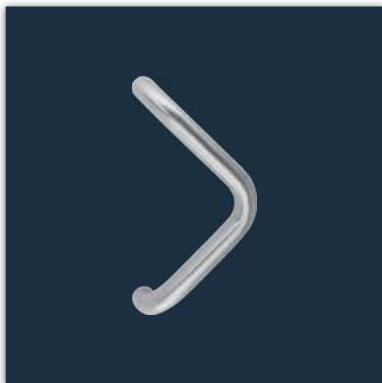
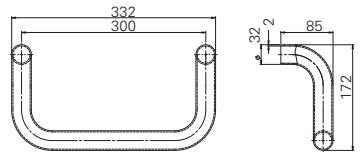
Handle diameter 32 mm. Distance between centres 300 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

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



S-210 Push-pull handle triangular

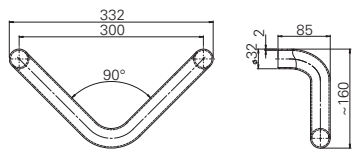
Handle diameter 32 mm. Distance between centres 300 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

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



S-510 Push-pull handle semi-circular

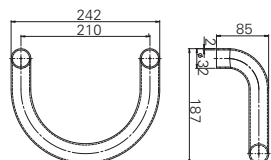
Handle diameter 32 mm. Distance between centres 210 mm. Simple and fast mounting. Single-sided or double-sided fastening possible.

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



Push-pull handles



S-330 Push-pull handle short

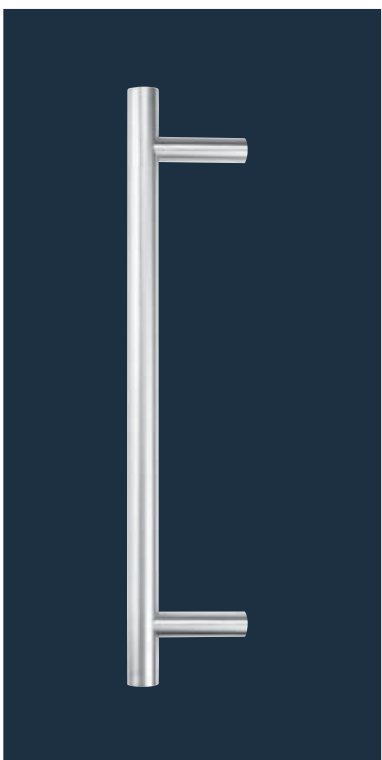
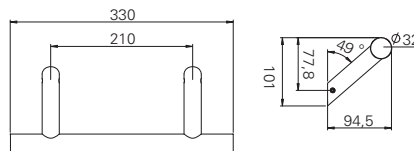
Handle diameter 32 mm. Distance between centres 210 mm. Total length 330 mm.
Simple and fast mounting.
For single-sided fastening.

The fixing set is independent from the door width and has to be ordered separately.

Fixing set for wooden doors: Article number: 10916252
Fixing set for steel and profile frame doors: Article number: 10916251



Article number 102557034600080



S-310 Push-pull handle long

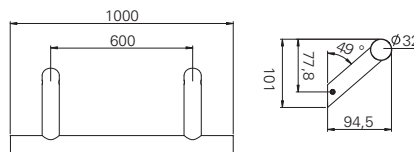
Handle diameter 32 mm. Distance between centres 600 mm. Total length 1.000 mm.
Simple and fast mounting.
For single-sided fastening.

The fixing set is independent from the door width and has to be ordered separately.

Fixing set for wooden doors: Article number: 10916252
Fixing set for steel and profile frame doors: Article number: 10916251



Article number 102557014600080



Fixing solutions for push-pull handles



Fixing solution 1 for push-pull handles

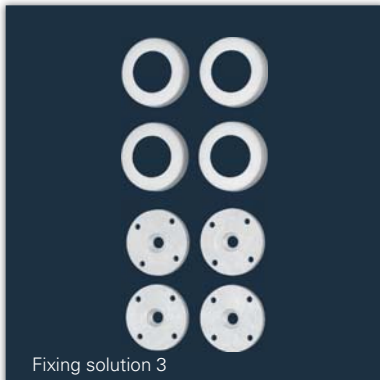
Single-sided fixing with rose for door thickness 50 – 80 mm.

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.

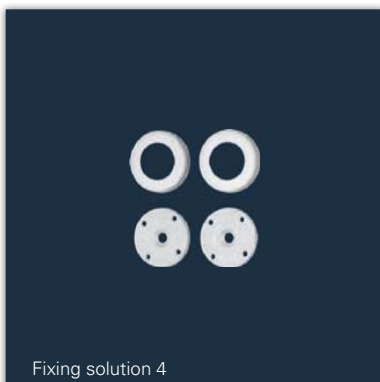
Execution	Fixing solution 1 for push-pull handles	Fixing solution 2 for push-pull handles
Article number	255601	255600



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

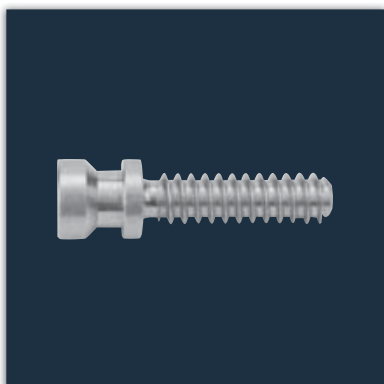


Fixing solution 5 for push-pull handles

Single-sided fixing for hollow profiles.

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

Fixing solutions for push-pull handles S-330 / S-310



Fixing screws for push-pull handles S-330 / S-310

Wooden doors
 (2 screws)
 Winding: 8 mm x 27 mm

Execution	Fixing screws S-330 / S-310 for push-pull handles / Wooden doors
Article number	10916252



Fixing screws for push-pull handles S-330 / S-310

Steel and profile frame doors
 (If necessary use pop rivet nut)
 (2 screws)
 Winding: M8 x 25 mm

Execution	Fixing screws S-330 / S-310 for push-pull handles / Steel and profile frame doors
Article number	10916251

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	∅ 8 mm	60 mm
900584.43	∅ 8 mm	90 mm
900591.43	∅ 8 mm	100 mm
900594.43	∅ 8 mm	120 mm
900601.43	∅ 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	∅ 8,5 mm	110 mm
900745.43	∅ 8,5 mm	125 mm
900746.43	∅ 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	∅ 9 mm	60 mm
900571.43	∅ 9 mm	70 mm
900577.43	∅ 9 mm	100 mm
900581.43	∅ 9 mm	125 mm
900551.43	∅ 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	∅ 10 mm	113 mm
901041.43	∅ 10 mm	120 mm
901042.43	∅ 10 mm	125 mm
901043.43	∅ 10 mm	130 mm
901044.43	∅ 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	∅ 8 mm	75 mm
900823.43	∅ 8 mm	80 mm
900824.43	∅ 8 mm	85 mm
900825.43	∅ 8 mm	90 mm
900777.43	∅ 8 mm	95 mm
900759.43	∅ 8 mm	100 mm
900756.43	∅ 8 mm	105 mm
900757.43	∅ 8 mm	110 mm
900758.43	∅ 8 mm	115 mm
900779.43	∅ 8 mm	120 mm
900826.43	∅ 8 mm	125 mm
900799.43	∅ 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	∅ 9 mm	60 mm
900452.43	∅ 9 mm	70 mm
900453.43	∅ 9 mm	85 mm
900422.43	∅ 9 mm	99 mm
900423.43	∅ 9 mm	104 mm
900424.43	∅ 9 mm	109 mm
900425.43	∅ 9 mm	114 mm
900788.43	∅ 9 mm	120 mm
900427.43	∅ 9 mm	124 mm
900778.43	∅ 9 mm	130 mm
900432.43	∅ 9 mm	144 mm
900434.43	∅ 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



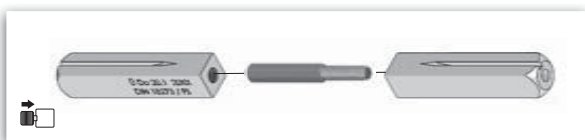
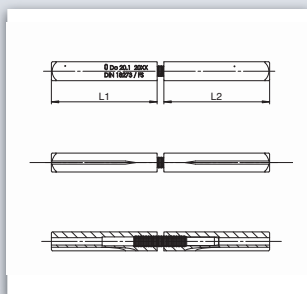
Panic pin set (9 mm) F

For panic door hardware using locks with divided hub.

Further lengths on request.

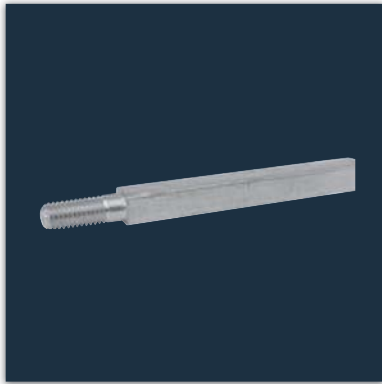
Set contains:

- Panic pin L1
- Panic pin L2
- Connecting screw
- Two threaded pins



Article number	Spindle	Length (L1)	Length (L2)
901800.43	∅ 9 mm	40 mm	50 mm
901801.43	∅ 9 mm	40 mm	55 mm
901802.43	∅ 9 mm	40 mm	60 mm
901803.43	∅ 9 mm	40 mm	65 mm
901804.43	∅ 9 mm	40 mm	70 mm
901805.43	∅ 9 mm	40 mm	75 mm
901806.43	∅ 9 mm	40 mm	80 mm
901807.43	∅ 9 mm	40 mm	85 mm
901808.43	∅ 9 mm	45 mm	50 mm
901809.43	∅ 9 mm	45 mm	55 mm
901810.43	∅ 9 mm	45 mm	60 mm
901811.43	∅ 9 mm	45 mm	65 mm
901812.43	∅ 9 mm	45 mm	70 mm
901813.43	∅ 9 mm	45 mm	75 mm
901814.43	∅ 9 mm	45 mm	80 mm
901815.43	∅ 9 mm	45 mm	85 mm
901816.43	∅ 9 mm	50 mm	50 mm
901817.43	∅ 9 mm	50 mm	55 mm
901818.43	∅ 9 mm	50 mm	60 mm
901819.43	∅ 9 mm	50 mm	65 mm
901820.43	∅ 9 mm	50 mm	70 mm
901821.43	∅ 9 mm	50 mm	75 mm
901822.43	∅ 9 mm	50 mm	80 mm
901823.43	∅ 9 mm	50 mm	85 mm
901824.43	∅ 9 mm	55 mm	55 mm
901825.43	∅ 9 mm	55 mm	60 mm
901826.43	∅ 9 mm	55 mm	65 mm
901827.43	∅ 9 mm	55 mm	70 mm
901828.43	∅ 9 mm	55 mm	75 mm
901829.43	∅ 9 mm	55 mm	80 mm
901830.43	∅ 9 mm	55 mm	85 mm
901831.43	∅ 9 mm	60 mm	60 mm
901832.43	∅ 9 mm	60 mm	65 mm
901833.43	∅ 9 mm	60 mm	70 mm
901834.43	∅ 9 mm	60 mm	75 mm
901835.43	∅ 9 mm	60 mm	80 mm
901836.43	∅ 9 mm	60 mm	85 mm
901837.43	∅ 9 mm	65 mm	65 mm
901838.43	∅ 9 mm	65 mm	70 mm
901839.43	∅ 9 mm	65 mm	75 mm
901840.43	∅ 9 mm	65 mm	80 mm
901841.43	∅ 9 mm	65 mm	85 mm

Spindles ■ Spindles for knob / lever sets



Spindle 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

Spindle 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

Spindle 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 (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 (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.



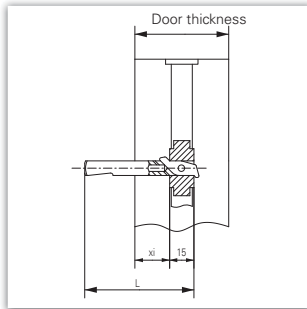
Article number	Spindle	Length
908068.43	∅ 9 mm	60 mm
908069.43	∅ 9 mm	70 mm
908067.43	∅ 9 mm	80 mm
908090.43	∅ 9 mm	100 mm
908091.43	∅ 9 mm	120 mm

Spindle for knob / lever sets (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

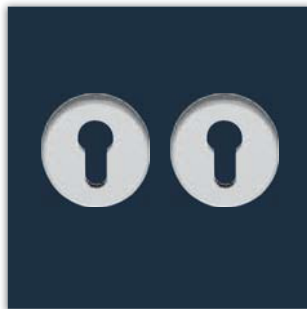


Spindle with clamp

- 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 satin 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 satin 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 satin 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 satin 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	Pop rivet nut, Material: 1.403,



Set of screws for levers on rose (VDS)

Set consists of screws and sleeve nuts for lever - lever (2 screws & 2 sleeve nuts) or lever - knob (2 screws and 1 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 and 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



Fixing rose

Fixing rose with stainless steel positioning studs, steel zinc plated

Article number	Execution
10910700.46	For unilateral fixing of counter handles with 38 mm gauge. Fixing lugs \varnothing 7 x 8 mm with M5 thread. The fixing rosette is placed with the mortise lock in the lock pocket.

Sleeves

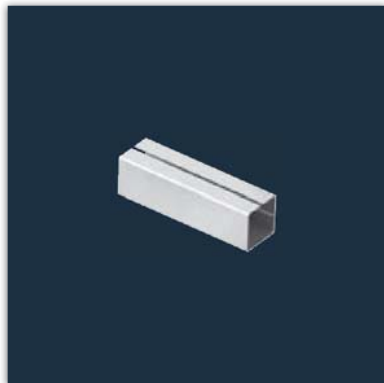


Sleeve nut

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

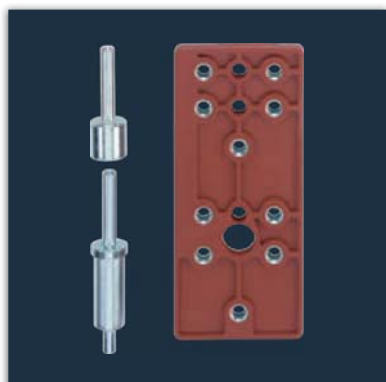
Adjustment sleeve with collar 8,5 mm to 8 mm spindle

Use for reduction of spindles.

Steel zinc-plated, lengthwise split

Article number	Length
930355	28 mm

Drilling templates



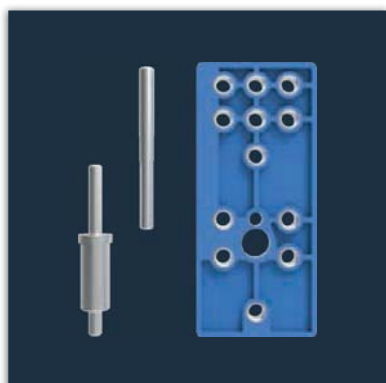
Drilling template with centering pin for interior doors

Drilling template for nylon lever sets on rose or plate acc. to **DIN 1906**

(DIN 18 225) in following executions: BB, PZ, lever / knob or WC.

With steel drill bushing for a drill diametre of 6,5 mm.

Article number	Execution
930317	Drilling template for nylon lever sets



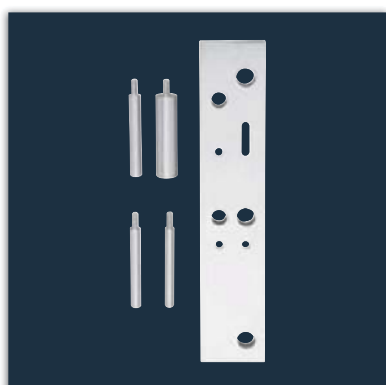
Drilling template with centering pin for interior doors and fire-protection handle sets

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 diametre 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 diametre of 13 mm.

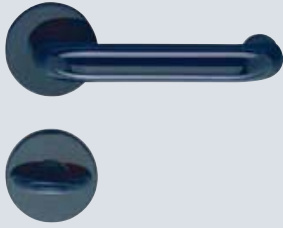
Article number	Execution
930200	Drilling template for security handle sets

Handles and accessories for sanitary partitions

Latching on to things



Handle sets for bathroom doors and sanitary partitions



Nylon (Ku)
Page 374



Aluminium (Al)
Page 376



Stainless steel (ER)
Page 380



Ku, Al, ER
Page 382

Locks for bathroom doors and sanitary partitions



Nylon (Ku)
Page 384



Ku, Al, ER
Page 385



Hasp-type lock
Page 386

Hinges for bathroom doors and sanitary partitions



Nylon hinge for unrebated doors
Page 388

Accessories for bathroom doors and sanitary partitions



Hook bumper / Hooks (Ku)
Page 394



Push-pull handles (Ku)
Page 396



Partition foot elements (Ku)
Page 398



Toilet roll holder (Ku)
Page 399



WC brush set
(Ku) / Glass
Page 400

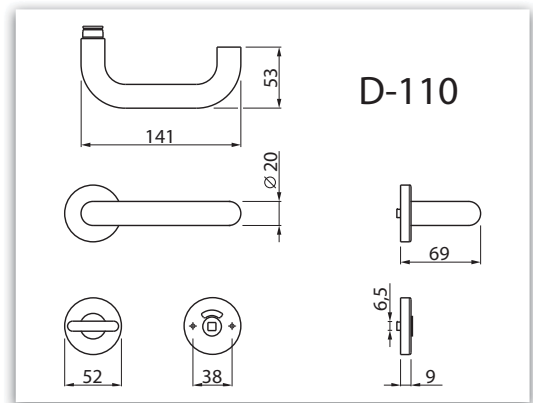


Description		
User category		■
Lever with steel core		■
Lever diameter	20 mm	■
Nylon base with positioning studs		■
Lever with fixable bearing		-
Spindle	7 mm	□
	8 mm	■
	8,5 mm	□
Concealed, continuous screw connection		■

■ Yes - No □ On Request

Description

- Available for all common partition wall thicknesses
- Complete with WC lock and Red / White indicator
- Emergency opening via 8 mm external spindle
- External release slot on request
- Also available BB, PZ and lever/knob version
- Other colours on request
- Appropriate drill template available, (Art.-No. 930317)
- WC version with 5 mm, 6 mm or 8 mm square spindle available on request
- Square spindle inset in handle




Dimensioning



*RAL colour similar. Colour range see page 401.

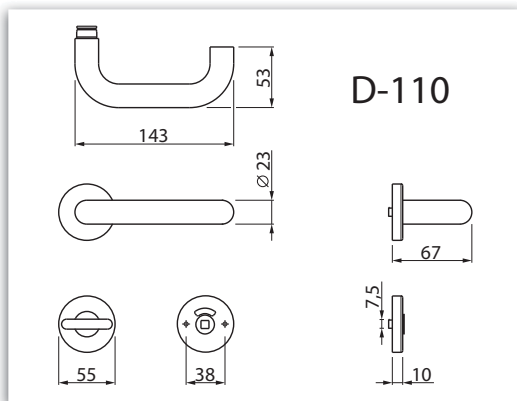


D-110	Article number	∅	∩		Material
D 110.Ku.DD.WC	150670	20 mm	8 mm		

Handle sets for bathroom doors and sanitary partitions ■ Nylon

Description		
User category Class 3	EN 1906	■
Lever with steel core		■
Lever diameter	23 mm	■
Steel base with positioning studs		■
Lever with fixable bearing		■
Spindle	7 mm	□
	8 mm	■
	8,5 mm	□
Concealed, continuous screw connection		■

■ Yes - No □ On Request



Dimensioning

Description

- Available for all common partition wall thicknesses
- Complete with WC lock and Red / White indicator
- Emergency opening via 8 mm external spindle
- External release slot on request
- Also available BB, PZ and lever/knob version
- Other colours on request
- Appropriate drill template available, (Art.-No. 930317)




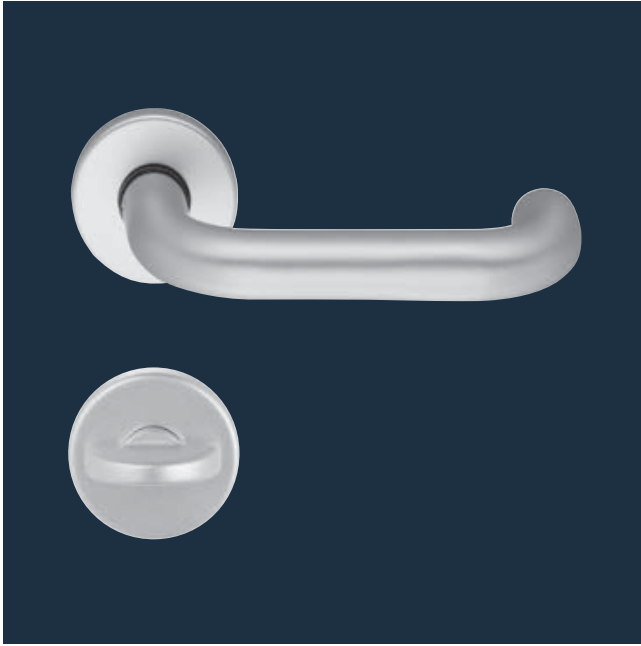
*RAL colour similar. Colour range see page 401.



EN 1906



D-110	Article number	∅	∕		Material
D 110.Ku.DD.WC	154670	23 mm	8 mm		Nylon

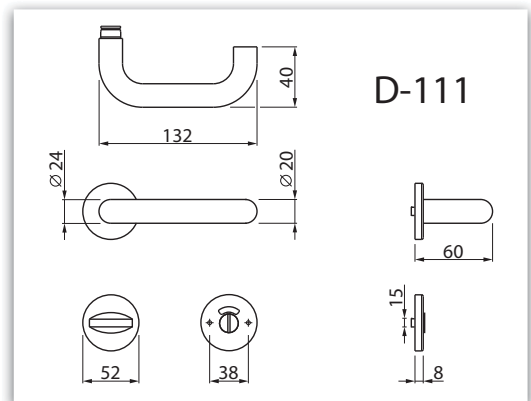


Description		
User category		-
Lever with steel core		-
Lever diameter	20 mm	■
Nylon base		■
Lever with fixable bearing		-
Spindle	7 mm	□
	8 mm	■
	8,5 mm	□
Concealed, continuous screw connection		■

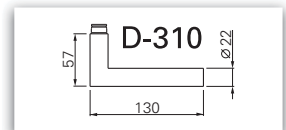
■ Yes - No □ On request

Description

- Available for all common partition wall thicknesses
- Complete with WC lock and Red / White indicator
- Emergency opening via external release slot
- Emergency opening via 8 mm external spindle on request
- Also available BB, PZ and lever/knob version
- Appropriate drill template available, (Art.-No. 930317)
- Square spindle inset in handle



Dimensioning



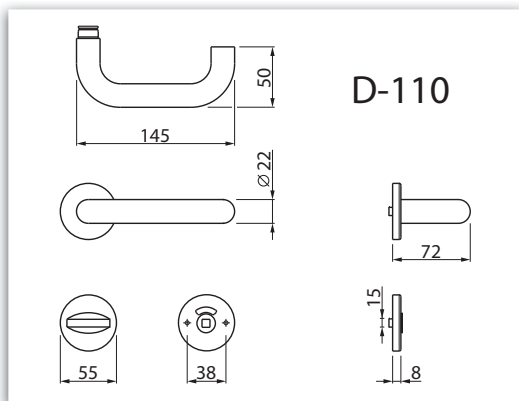
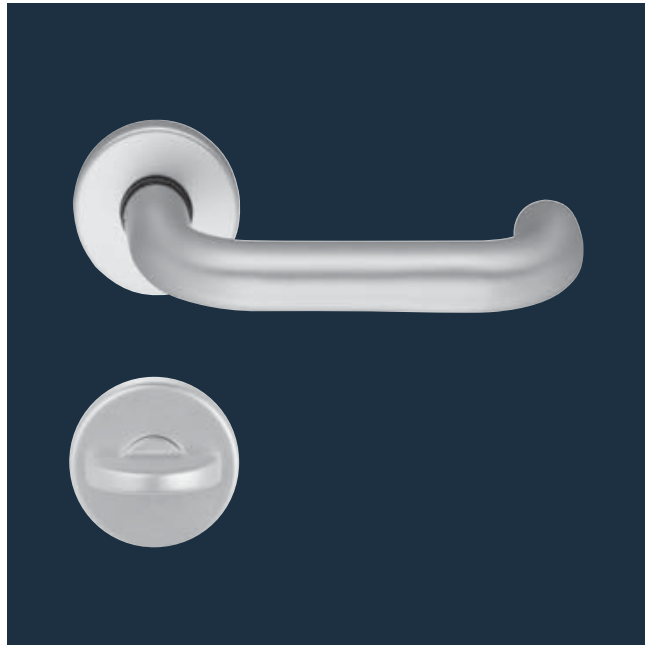
D-111	Article number	Form	∅	Material
D 111.AI.10.WC	159112.30	U-Form	8 mm	Aluminium



D-310	Article number	Form	∅	Material
D 310.AI.10.WC	157300.30	CL-Form	8 mm	Aluminium

Description		
User category Class 3	EN 1906	■
Lever with steel core		-
Lever diameter	22 mm	■
Nylon base with positioning studs		■
Lever with fixable bearing		■
Spreaded spindle	7 mm	□
	8 mm	■
	8,5 mm	□
Concealed, continuous screw connection		■

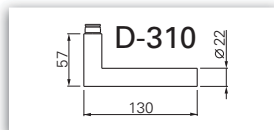
■ Yes - No □ On Request



Description


- Available for all common partition wall thicknesses
- Complete with WC lock and Red / White indicator
- Emergency opening via 8 mm external spindle
- External release slot on request
- Also available BB, PZ and lever/knob version
- Appropriate drill template available, (Art.-No. 930317)
- Lever with fixable bearing

Dimensioning



EN 1906



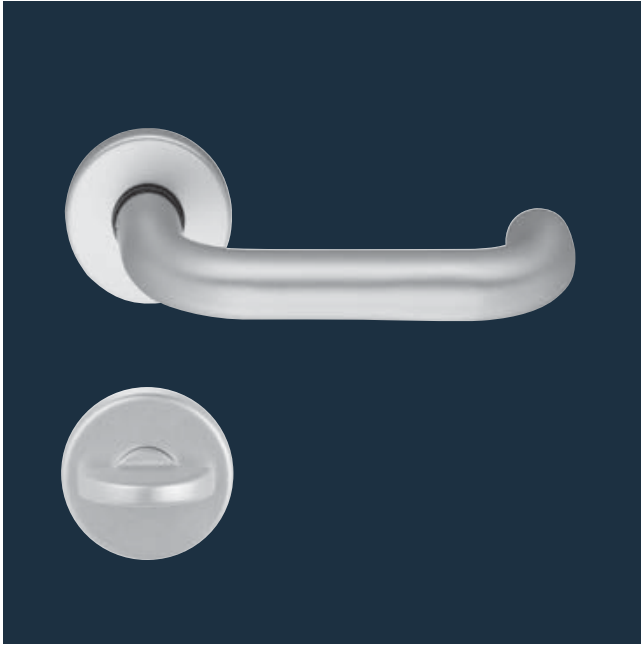
D-110	Article number	Form	∅		Material
D 110.AI.12.WC	152520.30	U-Form	8 mm		Aluminium



EN 1906



D-310	Article number	Form	∅		Material
D 310.AI.12.WC	152720.30	CL-Form	8 mm		Aluminium

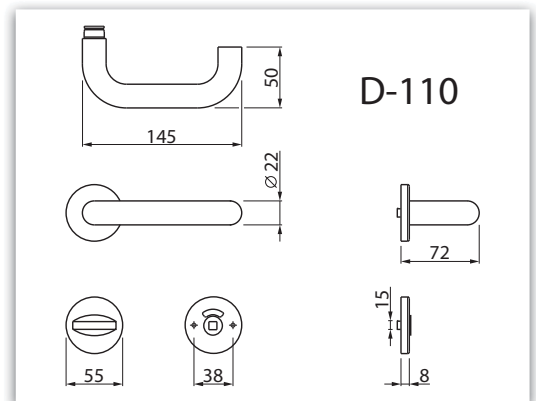

Description

User category Class 4	EN 1906	■
Lever with steel core		-
Lever diameter	22 mm	■
Steel base with positioning studs		■
Lever with fixable bearing		-
Spindle	7 mm	□
	8 mm	■
	8,5 mm	□
Concealed, continuous screw connection		■

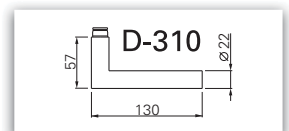
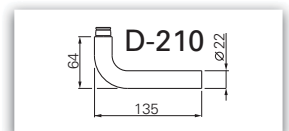
■ Yes - No □ On Request

Description

- Available for all common partition wall thicknesses
- Complete with WC lock and Red / White indicator
- Emergency opening via 8 mm external spindle
- External release slot on request
- Also available BB, PZ and lever/knob version
- Appropriate drill template available, (Art.-No. 930317)
- Lever with fixable bearing



Dimensioning





ECO

Handle sets for bathroom doors and sanitary partitions ■ Aluminium



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EN 1906



D-110	Article number	Form	∅		Material
D 110.AI.13.WC	157520.30	U-Form	8 mm		Aluminium



EN 1906



D-210	Article number	Form	∅		Material
D-210.AI.13.WC	157620.30	L-Form	8 mm		Aluminium



EN 1906



D-310	Article number	Form	∅		Material
D 310.AI.13.WC	157720.30	CL-Form	8 mm		Aluminium

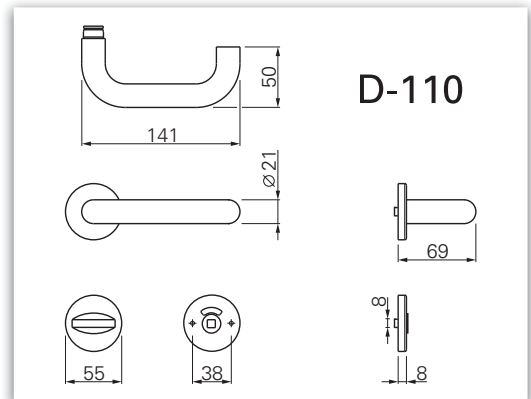


Description		
User category Class 3	EN 1906	■
Maintenance free lever guidance		■
Lever diameter	21 mm	■
Nylon base with positioning studs		■
Lever with fixable bearing		■
Spreaded spindle	7 mm	-
	8 mm	■
	8,5 mm	-
Concealed, continuous screw connection		■

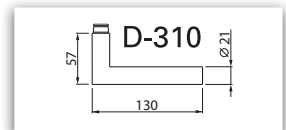
■ Yes - No □ On Request


Description

- Available for all common partition wall thicknesses
- Complete with WC lock and Red / White indicator
- Emergency opening via 8 mm external spindle
- External release slot on request
- Also available BB, PZ and lever/knob version
- Appropriate drill template available, (Art.-No. 930317)
- Fixable bearing with restoring spring
- Surface: Stainless steel, satin finish




Dimensioning



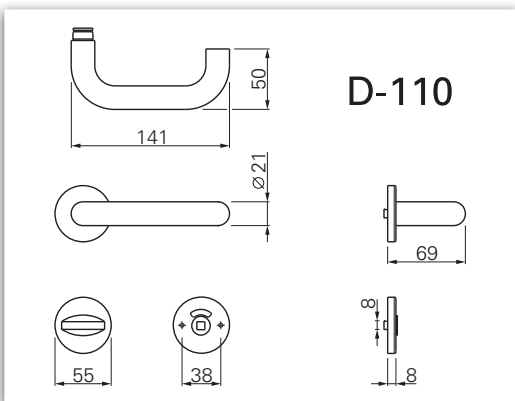
D-110	Article number	Form	∅		Material
D 110.ER.12.WC	152520.46	U-Form	8 mm		Stainless steel



D-310	Article number	Form	∅		Material
D 310.ER.12.WC	152720.46	CL-Form	8 mm		Stainless steel

Description		
User category Class 4	EN 1906	■
Maintenance free lever guidance		■
Lever diameter	21 mm	■
Nylon base with positioning studs		■
Lever with fixable bearing		■
Spreaded spindle	7 mm	-
	8 mm	■
	8,5 mm	-
Concealed, continuous screw connection		■

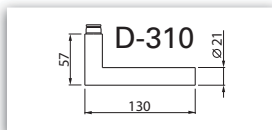
■ Yes - No □ On Request



Description


- Available for all common partition wall thicknesses
- Complete with WC lock and Red / White indicator
- Emergency opening via 8 mm external spindle
- External release slot on request
- Also available BB, PZ and lever/knob version
- Appropriate drill template available, (Art.-No. 930317)
- Fixable bearing
- Surface: Stainless steel, satin finish

Dimensioning



EN 1906




D-110	Article number	Form	∅		Material
D 110.ER.13.WC	156520.46	U-Form	8 mm		Stainless steel



EN 1906

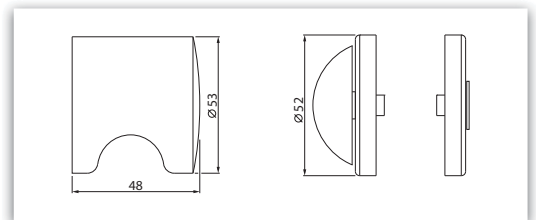
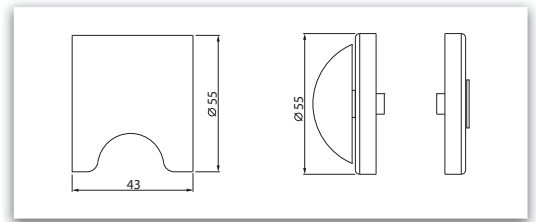


D-310	Article number	Form	∅		Material
D 310.ER.13.WC	156720.46	CL-Form	8 mm		Stainless steel



Description

- 2 single-piece knobs or 2 twin-piece knobs complete with locking button and indicator
- Emergency opening via 8 mm external spindle
- External release slot on request (SK)
- Concealed fastening
- Available for all common partition wall thicknesses



Dimensioning



Article number	Material	Version
156030.46	Stainless steel	AV
156032.46	Stainless steel	SK



Article number	Material	Version
157030.30	Aluminium	AV
157032.30	Aluminium	SK



Article number	Material	Version
150800	Nylon	AV
On request	Nylon	SK

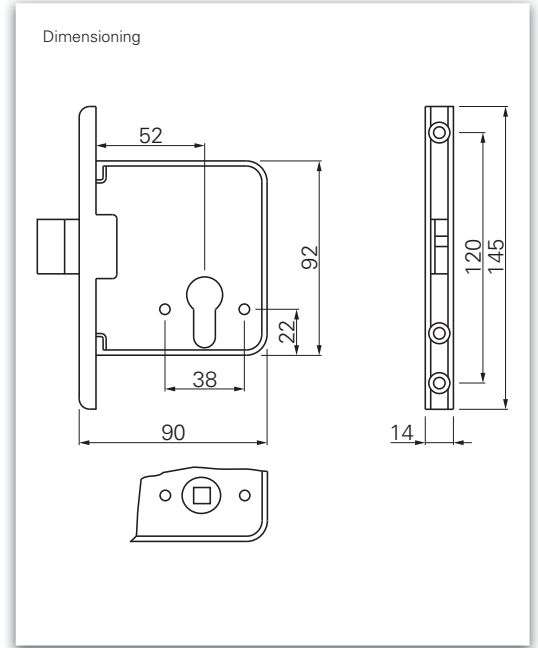
KEMMLIT
Partition system variocell



ECO Hardware for Sanitary Partitions Where there's a door ...

Whether under our own trademark or as an OEM partner product of renowned door manufacturers, solutions from ECO Schulte make doors functional all over the world. Where there's a door, ECO Schulte is not far away.

All over the planet, builders and investors are realizing demanding projects together with architects and planners. Clever solutions for doors are always in demand. Our philosophy of system security and reliability in the door is to be found just as much in contemporary architecture as in impressive hotels, public buildings, private residences, royal castles, private apartments and stadia.



Description

- Available in bathroom or PZ version
 - Dead bolt available in nylon or nickel-plated
 - Lock case in polished
 - 8 mm follower
- Dead bolt nickel-plated, on request



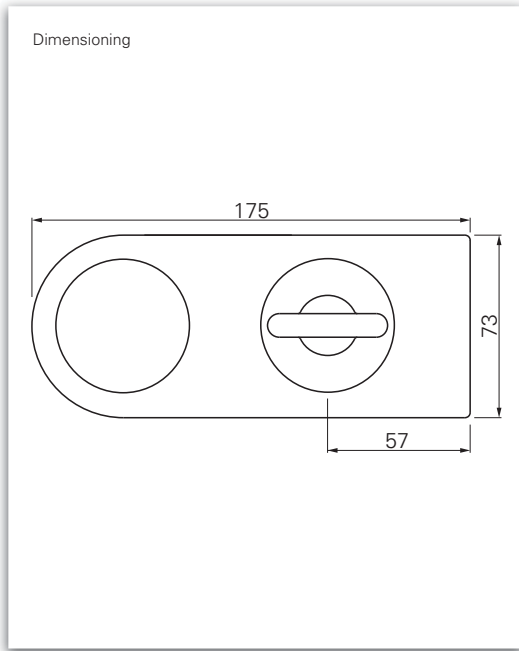
Ku

Mortise dead lock U-face plate WC-execution	Article number	Dead bolt	Material
Mortise dead lock WC	260405	Nylon	Nylon
Mortise dead lock WC*	260406	Nickel-plated	Nylon



Ku

Mortise dead lock U-face plate PZ execution	Article number	Dead bolt	Material
Mortise dead lock PZ	260400	Nylon	Nylon
Mortise dead lock PZ*	260401	Nickel-plated	Nylon


Description

- Traverse type
- For right- or left-hand mounting
- With 2 knobs, WC lock and Red /White indicator
- Invisible mounting plate
- Spindle 8 mm
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



Red
RAL 3003*



Dark blue
RAL 5011 / 5013*



Blue
RAL 5002*



Black
RAL 9005*

*RAL colour similar. Colour range see page 401.

WC lock set Nylon	Dead bolt	Article number	Material
Lock set WC-execution	Dead bolt flush	260456	Nylon
Lock set WC-execution	Dead bolt crank	260459	Nylon
Lock set PZ	Dead bolt flush (right)	260454	Nylon
Lock set PZ	Dead bolt flush (left)	260455	Nylon
Lock set PZ	Dead bolt crank (right)	260452	Nylon
Lock set PZ	Dead bolt crank (left)	260451	Nylon

WC lock set Stainless steel	Dead bolt	Article number	Material
Lock set WC-execution	Dead bolt flush	260456.46	Stainless steel
Lock set WC-execution	Dead bolt crank	260459.46	Stainless steel
Lock set PZ	Dead bolt flush	260455.46	Stainless steel
Lock set PZ	Dead bolt crank	260451.46	Stainless steel

WC lock set Aluminium	Dead bolt	Article number	Material
Lock set WC-execution	Dead bolt flush	260456.30	Aluminium
Lock set WC-execution	Dead bolt crank	260459.30	Aluminium
Lock set PZ	Dead bolt flush	260451.30	Aluminium
Lock set PZ	Dead bolt crank	260455.30	Aluminium

Ku



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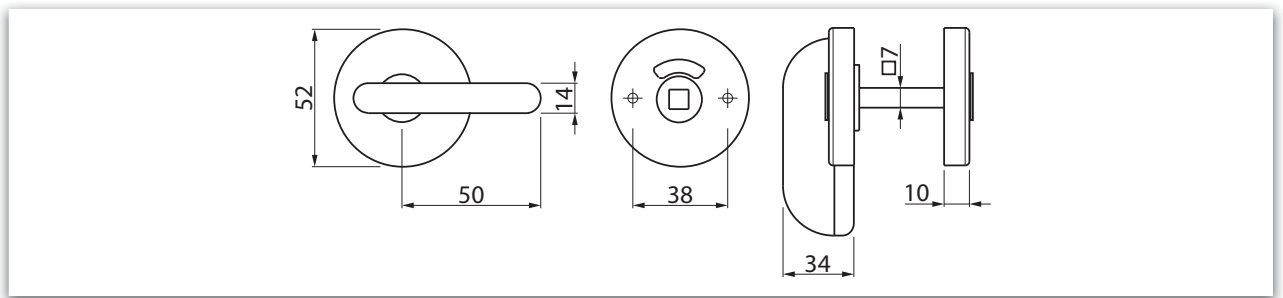
Al





Description

- Nylon version
- Version DIN left or DIN right
- Complete with WC lock and Red /White indicator
- Concealed, continuous screw connection
- Available for all common partition wall thicknesses
- Other colours on request



Dimensioning



White
RAL 9016*

Dark grey
RAL 7030 / 7038*

Red
RAL 3003*

Dark blue
RAL 5011 / 5013*

Blue
RAL 5002*

Black
RAL 9005*

*RAL colour similar. Colour range see page 401.



WC-Hasp-type lock		Article number	Material
Hasp-type lock		260499	Nylon
Hasp-type set	additional with two knobs	150450	Nylon



Daycare facility for children „De Laabfrosch“ in Brensbach, Germany
Picture: Schäfer Trennwandysteme GmbH

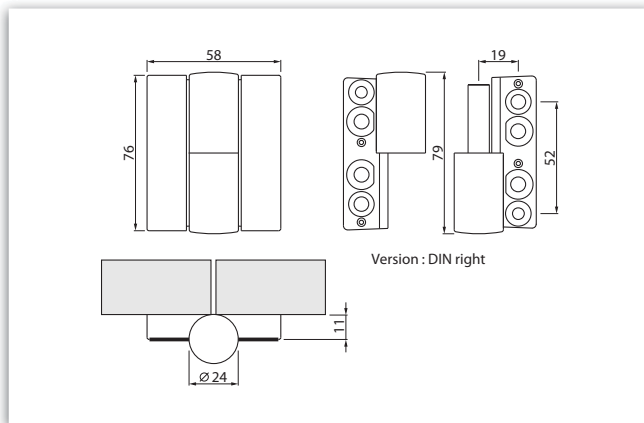
ECO Hardware for Sanitary Partitions Nylon handles

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 handles and accessories in addition to the door handles.



Description		
Version	24 / 21	■
	24 / 28	-
Inserts made of steel	3 mm	■
Two-piece version with two nylon caps		■
Concealed fastening		■
Matching washers available as accessories	1 mm	■
	2 mm	■
	3 mm	-

Yes - No On Request



Dimensioning



*RAL colour similar. Colour range see page 401.

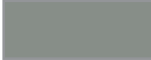


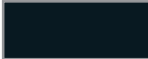


Nylon hinge for unrebbated doors	Article number	Description	Material
Nylon hinge	260300	24 / 21 DIN right	Nylon
Nylon hinge	260305	24 / 21 DIN left	Nylon
Washer	260379	1 mm	
Washer	260382	2 mm	

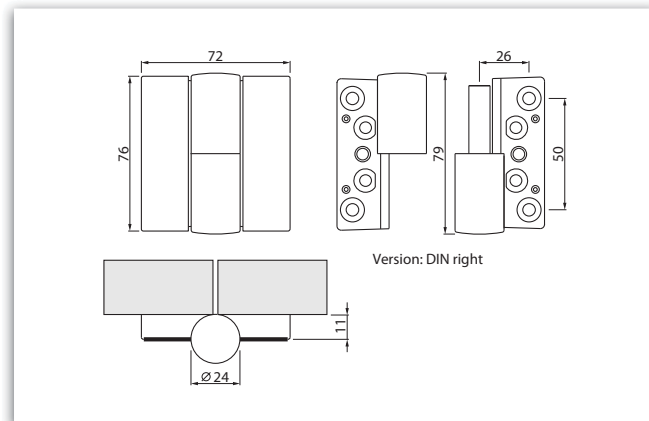
Hinges ■ Nylon hinge ■ 24 / 28

Description		
Version	24 / 21	-
	24 / 28	■
Inserts made of steel	3 mm	■
Two-piece version with two nylon caps		■
Concealed fastening		■
Matching washers available as accessories	1 mm	-
	2 mm	-
	3 mm	■
■ Yes - No □ On Request		



		
White RAL 9016*	Dark grey RAL 7030 / 7038*	Red RAL 3003*
		
Dark blue RAL 5011 / 5013*	Blue RAL 5002*	Black RAL 9005*

*RAL colour similar. Colour range see page 401.



Dimensioning

Ku

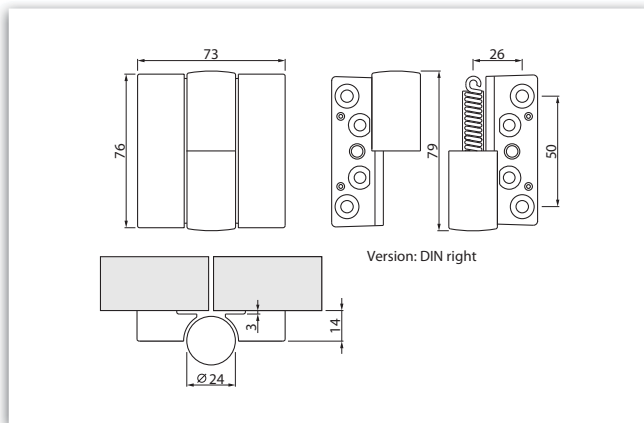


Nylon hinge for unrebated doors	Article number	Description	Material
Nylon hinge	260350	24 / 28 DIN right	Nylon
Nylon hinge	260355	24 / 28 DIN left	Nylon
Washer	260383	3 mm / DIN right	
Washer	260384	3 mm / DIN left	



Description		
Version	24 / 21	-
	24 / 28	■
Inserts made of steel	3 mm	■
Two-piece version with two nylon caps		■
Concealed fastening		■
Matching washers available as accessories truncated	1 mm	-
	2 mm	-
	3 mm	■

■ Yes - No □ On Request



Dimensioning



*RAL colour similar. Colour range see page 401.


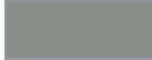



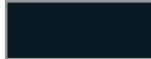


Nylon spring hinge / nylon hinge for unrebated doors	Article number	Description	Material
Nylon hinge	260368	24 / 28 DIN left	Nylon
Nylon hinge	260369	24 / 28 DIN right	Nylon
Nylon spring hinge	260668	24 / 28 DIN left	Nylon
Nylon spring hinge	260669	24 / 28 DIN right	Nylon

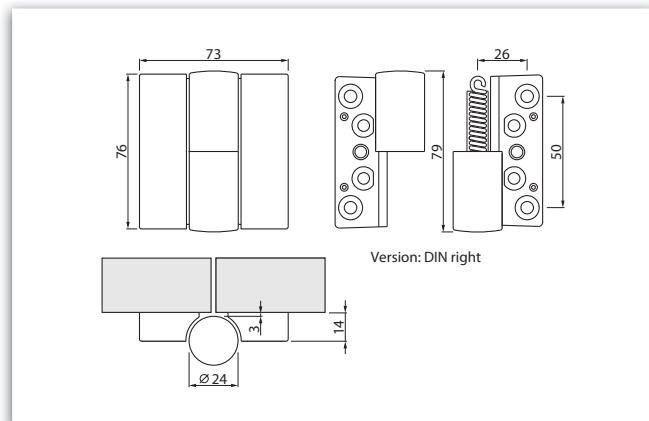
Hinges ■ Nylon (spring) hinge ■ 24 / 28

Description		
Version	24 / 21	-
	24 / 28	■
Inserts made of steel	3 mm	■
Two-piece version with two nylon caps		■
Concealed fastening		■
Matching washers available as accessories clip able	1 mm	-
	2 mm	-
	3 mm	■
■ Yes - No □ On Request		



		
White RAL 9016*	Dark grey RAL 7030 / 7038*	Red RAL 3003*
		
Dark blue RAL 5011 / 5013*	Blue RAL 5002*	Black RAL 9005*

*RAL colour similar. Colour range see page 401.



Dimensioning

Ku

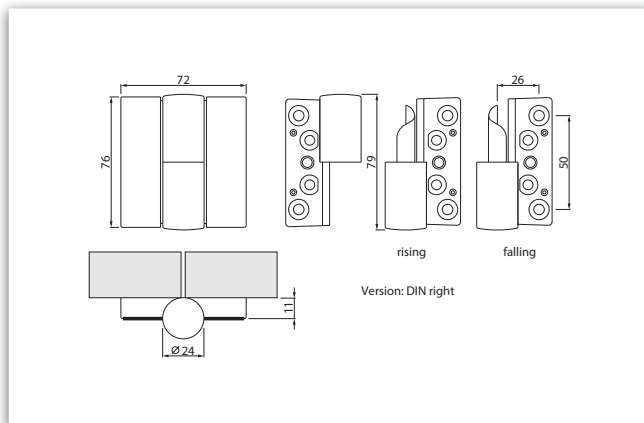


Nylon spring hinge / nylon hinge for unrebated doors	Article number	Description	Material
Nylon spring hinge	260600	24 / 28 DIN right	Nylon
Nylon spring hinge	260605	24 / 28 DIN left	Nylon
Washer	260383	3 mm / DIN right	
Washer	260384	3 mm / DIN left	



Description		
Version	24 / 21	-
	24 / 28	■
Inserts made of steel	3 mm	■
Rising hinge: self-closing		■
Falling hinge: self-opening		-
Two-piece version with two nylon caps		■
Concealed fastening		■
Matching click-on washers available as accessories	1 mm	-
	2 mm	-
	3 mm	■

■ Yes - No □ On Request



Dimensioning



*RAL colour similar. Colour range see page 401.



Nylon (spring) hinge rising unrebated doors	Article number	Description	Material
Nylon hinge	260700	24 / 28, rising DIN right	Nylon
Nylon hinge	260705	24 / 28, rising DIN left	Nylon
Washer	260383	3 mm / DIN right	
Washer	260384	3 mm / DIN left	



Hinges ■ Nylon (spring) hinge ■ 24 / 21 ■ With bare lug on one side

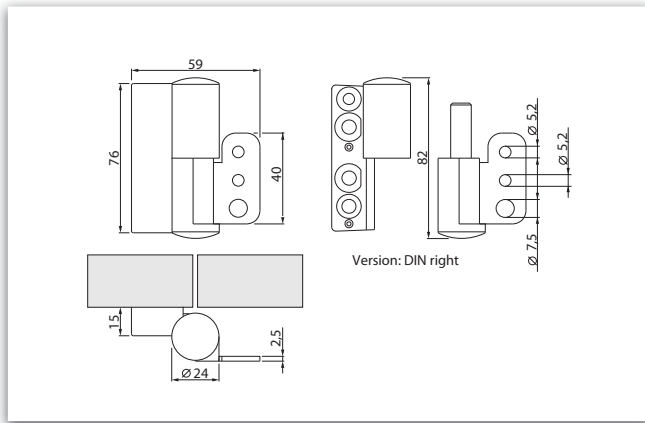
Description		
Version Nylon hinge	24 / 21	■
	24 / 28	-
Version Nylon spring hinge	24 / 21	■
	24 / 28	-
Inserts made of steel	3 mm	■
With bare stainless steel in set on one side		■
Two-piece version with one nylon cap		■
Concealed fastening		■
Matching click-on washers available as accessories	1 mm	-
	2 mm	-
	3 mm	-

■ Yes - No □ On Request



White RAL 9016*	Dark grey RAL 7030 / 7038*	Red RAL 3003*
Dark blue RAL 5011 / 5013*	Blue RAL 5002*	Black RAL 9005*

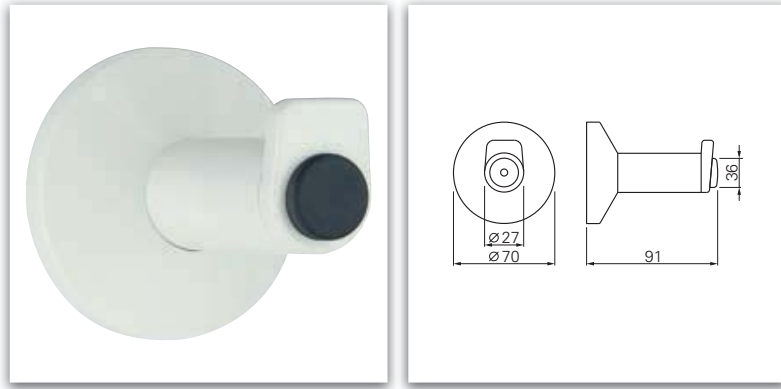
*RAL colour similar. Colour range see page 401.



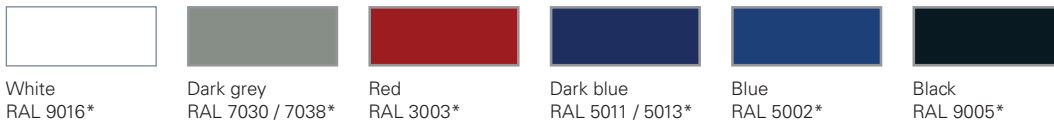
Dimensioning



Nylon (spring) hinge for unrebated doors	Article number	Description	Material
Nylon hinge	260802	24 / 21 DIN right	Nylon
Nylon hinge	260807	24 / 21 DIN left	Nylon
Nylon spring hinge	260812	24 / 21 DIN right	Nylon
Nylon spring hinge	260817	24 / 21 DIN left	Nylon



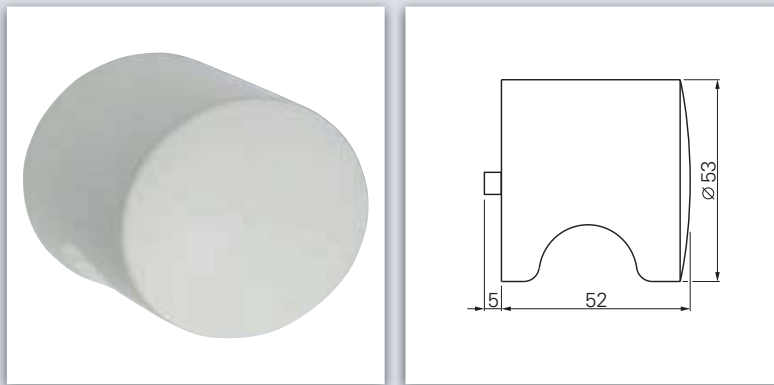
Dimensioning



*RAL colour similar. Colour range see page 401.

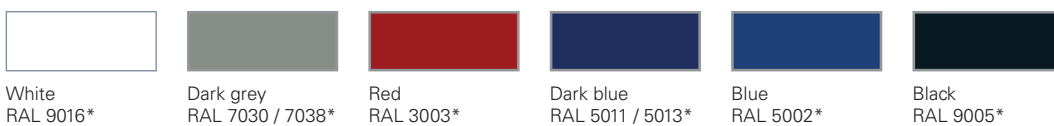
Ku		Article number	Description	Material
	Hook bumper	260030	With bumper	Nylon

Knob made of nylon ■ with and without bumper



Dimensioning

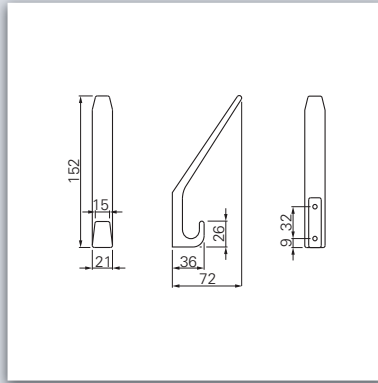
- With positioning studs to prevent dislocation
- Other colours on request



*RAL colour similar. Colour range see page 401.

Ku		Article number	Description	Material
	Knob	110826	With bumper	Nylon
	Knob	110825	Without Bumper	Nylon
	Knob Set	110828	Without Bumper	Nylon

Hat and coat hook made of nylon



Dimensioning

- Concealed fastening
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



Red
RAL 3003*



Dark blue
RAL 5011 / 5013*



Blue
RAL 5002*



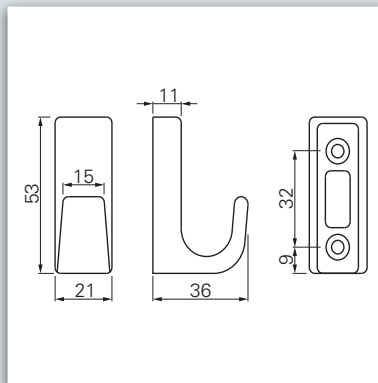
Black
RAL 9005*

*RAL colour similar. Colour range see page 401.



	Article number	Material
Hat and coat hook	260150	Nylon

Coat hook made of nylon



Dimensioning

- Concealed screw-on fitting strip
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



Red
RAL 3003*



Dark blue
RAL 5011 / 5013*



Blue
RAL 5002*



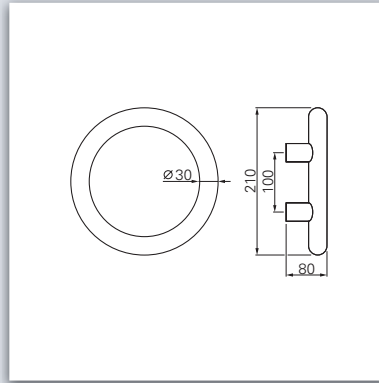
Black
RAL 9005*

*RAL colour similar. Colour range see page 401.



	Article number	Material
Coat hook	260100	Nylon

Push-pull handle made of nylon ■ With or without bumper



Dimensioning

- Diameter of handle 30 mm
- Distance between centres 100 mm
- With or without bumper
- Mounting is simple and quick
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



Red
RAL 3003*



Dark blue
RAL 5011 / 5013*



Blue
RAL 5002*



Black
RAL 9005*

*RAL colour similar. Colour range see page 401.

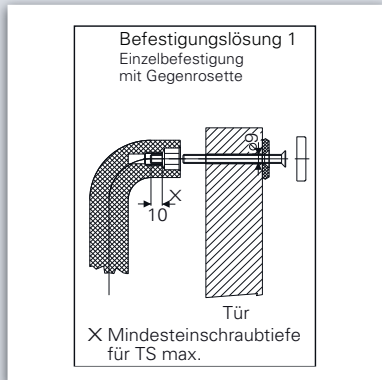
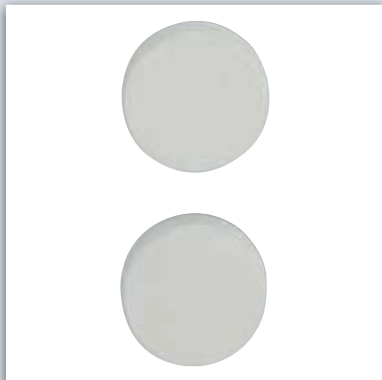


Ku

Push-pull handle circular (inside) without bumper	Article number	Ø	Höhe	Material
Push-pull handle circular (outside)	255551	30 mm	80 mm	Nylon
Push-pull handle circular (outside)	255552	30 mm	73 mm	Nylon
Push-pull handle circular (outside)	255554	30 mm	64 mm	Nylon

Push-pull handle circular (outside) with bumper	Article number	Ø	Height	Material
Push-pull handle circular (outside)	255553	30 mm	80 mm	Nylon

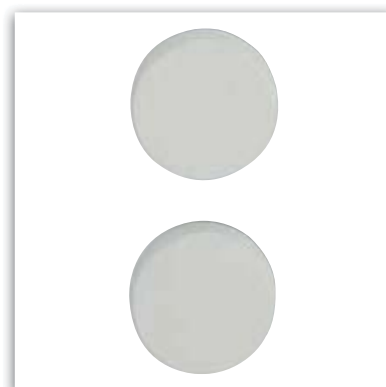
Fixing system for polyamide push-pull handle



Dimensioning

■ Available for the following thicknesses::
Fixing set 1:

- 5 - 20 mm
- 20 - 40 mm
- 40 - 60 mm
- 60 - 80 mm



Fixing system for polyamide push-pull handle	Article number	Ø	Description	Material
Solution 1	255802	30 mm	Single fixing with counter escutcheon	Nylon

Partition-foot element made of nylon



Ø 40 mm



Ø 20 mm

- Concealed fastening
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



Red
RAL 3003*



Dark blue
RAL 5011 / 5013*

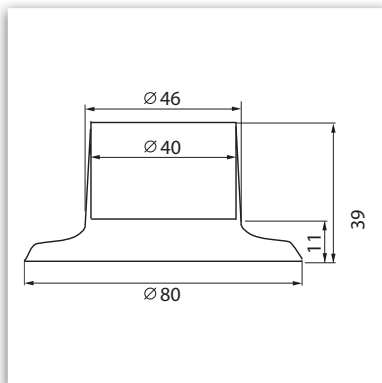


Blue
RAL 5002*



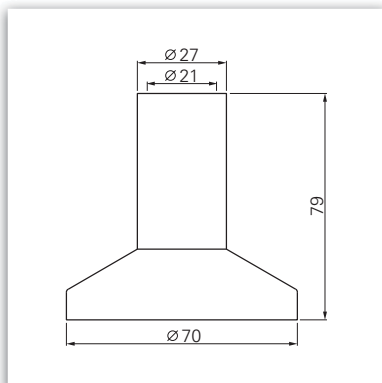
Black
RAL 9005*

*RAL colour similar. Colour range see page 401.



Ku

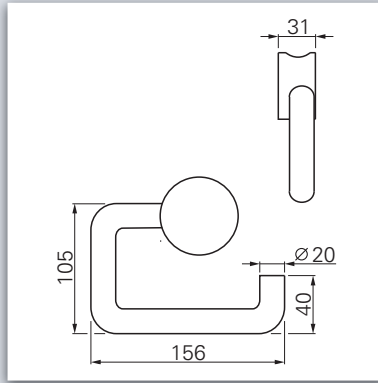
	Article number	Ø	Material
Partition-foot element	260425	40 mm	Nylon



Ku

	Article number	Ø	Material
Partition-foot element	260020	20 mm	Nylon

Toilet roll holder made of nylon



Dimensioning

- Concealed screw fastening
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



Red
RAL 3003*



Dark blue
RAL 5011 / 5013*



Blue
RAL 5002*



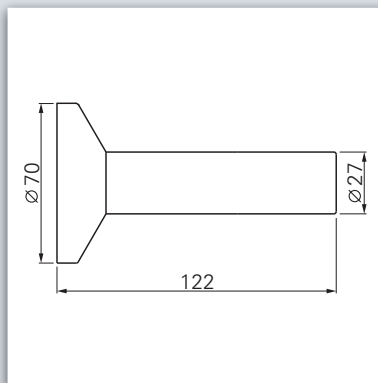
Black
RAL 9005*

*RAL colour similar. Colour range see page 401.



	Article number	Material
Toilet roll holder	260200	Nylon

Spare toilet roll holder made of nylon



Dimensioning

- Concealed screw fastening
- Wall-mounted
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



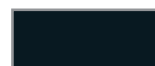
Red
RAL 3003*



Dark blue
RAL 5011 / 5013*



Blue
RAL 5002*



Black
RAL 9005*

*RAL colour similar. Colour range see page 401.



	Article number	Material
Spare toilet roll holder	260010	Nylon

WC brush set



With glass container



With nylon container

- Wall-mounted
- Holder made of nylon
- With removable brush holder made of satin glass or plastic
- Other colours on request



White
RAL 9016*



Dark grey
RAL 7030 / 7038*



Red
RAL 3003*



Dark blue
RAL 5011 / 5013*

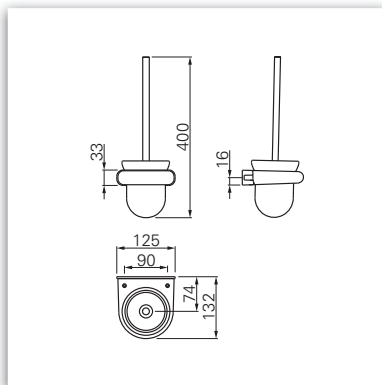


Blue
RAL 5002*

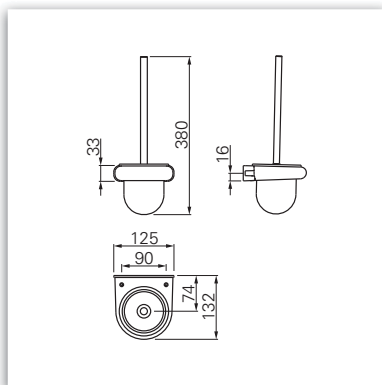


Black
RAL 9005*

*RAL colour similar. Colour range see page 401.









	Article number	Material container
WC brush set	260110	Glass
Replacement brush	260110.17	










Ku

	Article number	Material container
WC brush set	260120	Nylon
Replacement brush	260110.17	

Sanitary partitions ■ Colours

Similarly RAL*	Standard	No. Colour
RAL 3003		01 Red
RAL 9005		02 Black
RAL 9010		08 White
RAL 5002		09 Blue
RAL 5011 / 5013		21 Dark blue
RAL 7030 / 7038		37 Dark grey

On request

RAL 8022		04 Dark brown
RAL 6029		05 Green
RAL 1021		07 Yellow
RAL 3007		18 Dark red
RAL 6012		19 Dark green
RAL 7043		20 Grey
RAL 9016		15 White





Panic, lock and bolting technology

Always on the safe side.



If panic breaks out

Panic bolting technology ensures that people can get out of a danger zone at any time, even in a panic situation. One push on the horizontal activation element is all it takes and the door springs open – irrespective of whether it was locked or not.



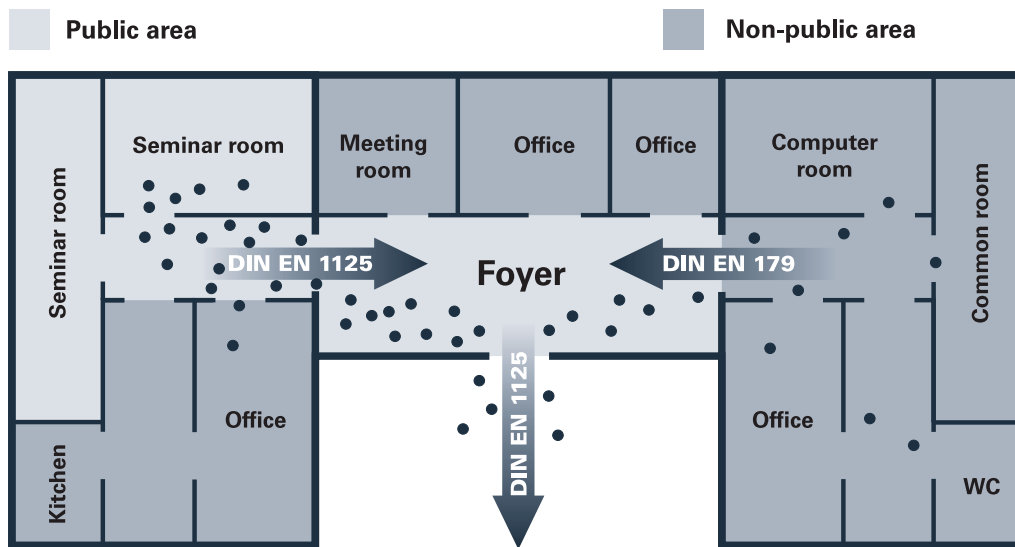
ECO unlocking solutions also open up the escape route when a crowd of people press against the door. And even the strength of a child is sufficient to open the door to escape from a fire or toxic smoke.

ECO bolting technology satisfies European standards **EN 1125** (Panic locks with horizontal activation bars) and **EN 179** (Emergency exit locks with handles or impact plates) – and demonstrates the company's expertise. The lock and release element are developed and manufactured in coordination with one another.


With panic systems in particular, it is important to perceive the door as a system, because it's not only the panic lock, door lock and fitting that have to interact perfectly so that the door can help in a life-threatening situation. The door closer and hinges have a decisive influence on the ability to satisfy the high demands set by the standard.

Differentiation by building utilization

The type of room and utilization of the building are decisive when choosing the right panic door combination. European standards **DIN EN 1125** and **DIN EN 179** define the fittings of panic doors and emergency exits. Emergency exit locks in compliance with **DIN EN 179** are not normally subjected to use by the general public. It is assumed here that the users of the building are acquainted with the escape routes, so conventional panic lock technology with a handle or impact plate are sufficient here. Panic locks with a horizontal activation bar in accordance with **DIN EN 1125**, on the other hand, are intended for use in buildings frequented by the general public. Our panic systems in conformance with **DIN EN 1125** ensure that persons who have panicked and are not acquainted with the functions of the door can always get out of the building safely.



4

Panic locks with a horizontal activation bar **EN 1125** 


Panic locks in accordance with **DIN EN 1125** are used in public buildings in which the users are not acquainted with the functioning of the escape door but must nevertheless be able to operate them without instruction.

Panic locks activated mechanically by means of a horizontal handle or push-bar.

Areas of application:

- Hospitals and clinics
- Escape routes in schools and training centres
- Public administration buildings
- Stadia, arenas and events buildings
- Shopping centres

Users have **no** advance knowledge of how to open the escape door.

Emergency exit locks with door handle **EN 179** 

Emergency exit locks in accordance with **DIN EN 179** for buildings or building sections not open to the general public and all areas where access by the general public can be excluded. Side entrances or doors in these buildings or building sections are only used by authorized persons.

Emergency exit locks operated mechanically by means of a handle or impact plate.

Areas of application:

- Private residential complexes
- School classrooms
- Non-public administration buildings or industrial companies
- Non-public areas of administrative buildings
- Non-public areas of airports, banks, shopping centres

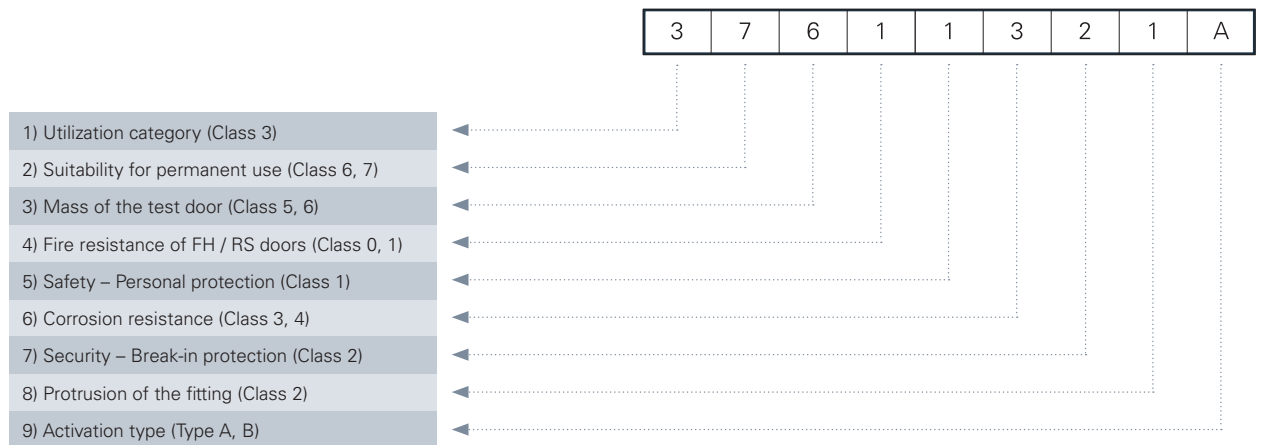
Users have advance knowledge of how to open the escape door.

Clarity through marking

Whether or not a product complies with the standard, thus acquiring approval for use in escape and rescue routes, can be seen from a classification code on the product

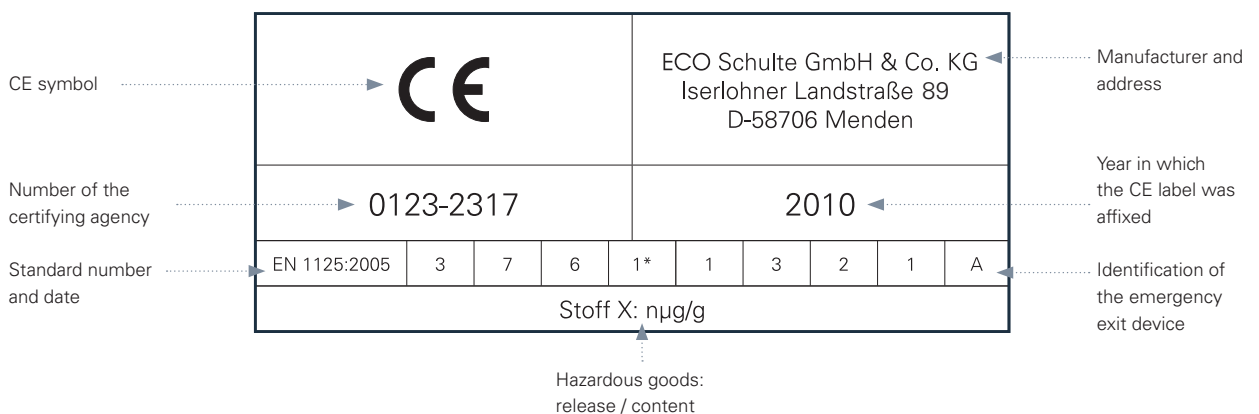
Classification Code DIN EN 1125

The standard requires that all products tested for compliance with it be classified with a 9-digit code. Here is the classification code of the ECO EPN 900 Pushbar:



Example of a CE marking

The CE marking documents that a product complies with standards. The example given here is for the ECO panic lock system EPN 900 tested in accordance with **DIN EN 1125**. With the CE marking, the manufacturer documents that his product complies with the applicable EU directives.



Panic door combinations

ECO panic door fittings: Screw-on safety and security

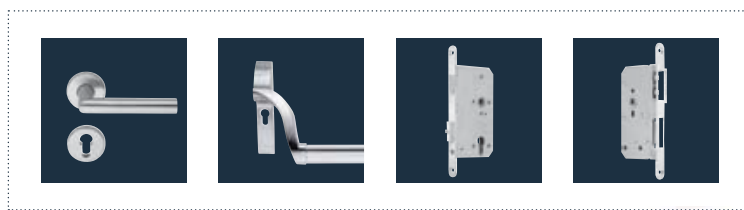
ECO Schulte fittings for escape and rescue route doors guarantee easy opening in an emergency. Even if the doors are locked shut, they can be opened without a key in accordance with standards with only one simple hand movement using a force of max. 80 N. The door fittings are designed in such a way that there is no risk of clothing getting caught in them when people flee the building. The free end of the door handle is returned in the direction of the door surface at an angle of at least 30 degrees in order to preclude the obstruction of fleeing persons and the risk of injury by the door handle.



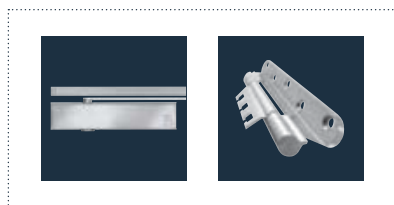
Panic door combinations – tested jointly

ECO Schulte considers panic door combinations to be a perfectly coordinated system. Only the perfect interplay of all components guarantees perfect conformity with the standard right down to the last detail. Although the lock, fitting and triggering mechanism are the key functions of this panic door combination, the use of a coordinated door closer and high-quality hinges is of equal importance, because these functional elements of the ECO system also make a decisive contribution towards ensuring that a door can guarantee a safe way out if panic breaks out. Because safety and security are inseparable, ECO Schulte recommends the use of a complete system from a single source.

This ECO panic door combination consists of a fitting, horizontal panic bar, panic switch lock and counterpiece.



Safety and security are inseparable: only with ECO door closers and ECO hinges is the single source panic door combination complete.



Panic lock functions

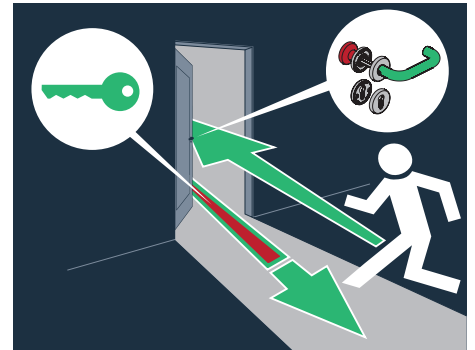
A panic lock functions in line with a defined principle: when the handle or panic bar is activated from the inside, the lock must spring open abruptly with a defined amount of force. Not only the latch but, if needed the entire bolt is pulled back here. This basic function can be refined and varied using ECO technology:



Panic Function E – Alternating function

Panic Function E is intended for buildings with access for a defined group of people. A blind plate or knob is mounted on the outside and the door can only be opened with a key. Conventional panic function per handle from the inside.

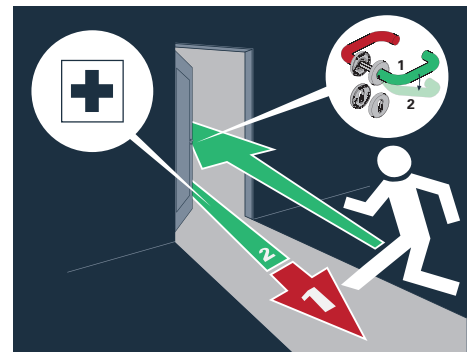
Area of application: heating room access doors, elevator systems, underground/ multi-storey car parks, storage and commercial buildings, entrance doors in rented apartment complexes and blocks of flats.



Panic Function D – Transit function

Panic Function D is intended for doors with a pure escape function which are not used otherwise. When the conventional panic function is activated from the inside, the door is opened and the outer handle is engaged as well. In this setting, the door does not constitute an obstacle when entering the building or escaping from it. The original function can be reset with a key. The coupling is mechanical via a two-part hub.

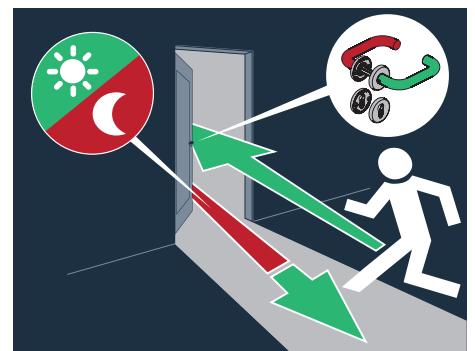
Area of application: escape doors in administration/ office buildings, retirement homes, side entrance doors (e.g. schools and hotels).



Panic Function B – Switchover function

Panic Function B with a handle on both sides is designed for buildings open to the general public. While the handle on the inside has a conventional panic function, the outside handle can be engaged or disengaged mechanically as required. The two handles are coupled via a two-part hub.

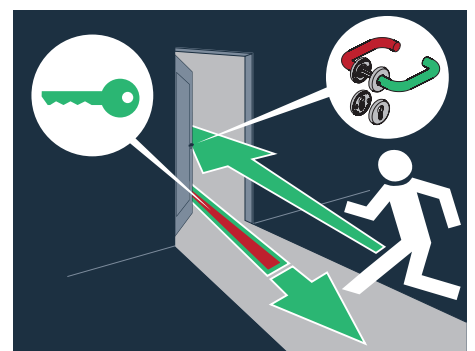
Area of application: escape doors in administration buildings, retirement homes, side entrance doors (e.g. schools and hotels).



Panic Function C – Forced closure function

Panic Function C with a handle on both sides is designed for buildings open to the general public: While the handle on the inside has a conventional panic function, the handle on the outside is disengaged as standard (idle function) and a key position (open position) must be used to engage and disengage it (forced closure). However, the key can only be removed after the idle function has been set again.

Fields of application: doors in administration or office buildings, retirement homes, side entrance doors (schools or hotels)



Two concepts for secure functioning

ECO Schulte offers two horizontal panic door locking systems which differ in their aesthetics and function. They are suitable for buildings in which the outbreak of panic is at least likely in the event of danger. The objective is to provide a safe escape opportunity with minimum effort and without any advance knowledge of the functioning of the escape door lock.

Pushbar – Panic door lock with a tube

The ECO Pushbar is a Type A mechanical panic door lock in compliance with Euro standard **EN 1125**. This panic door lock unlocks reliably, even when a force is already acting on the door. Movement of the horizontally attached tube in the direction of escape in a downward arch releases the locking mechanism abruptly via a steel gear system. This function can be activated from every point along the bar. The ECO Pushbar can be bolted on or through the door and is protected against vandalism, depending on the construction and design. Available in standard or special lengths with a galvanized steel core with aluminium F1 or nylon coating or in high-grade stainless steel.

EPN 900 III ER



Touchbar – Panic door lock with a pressure bar

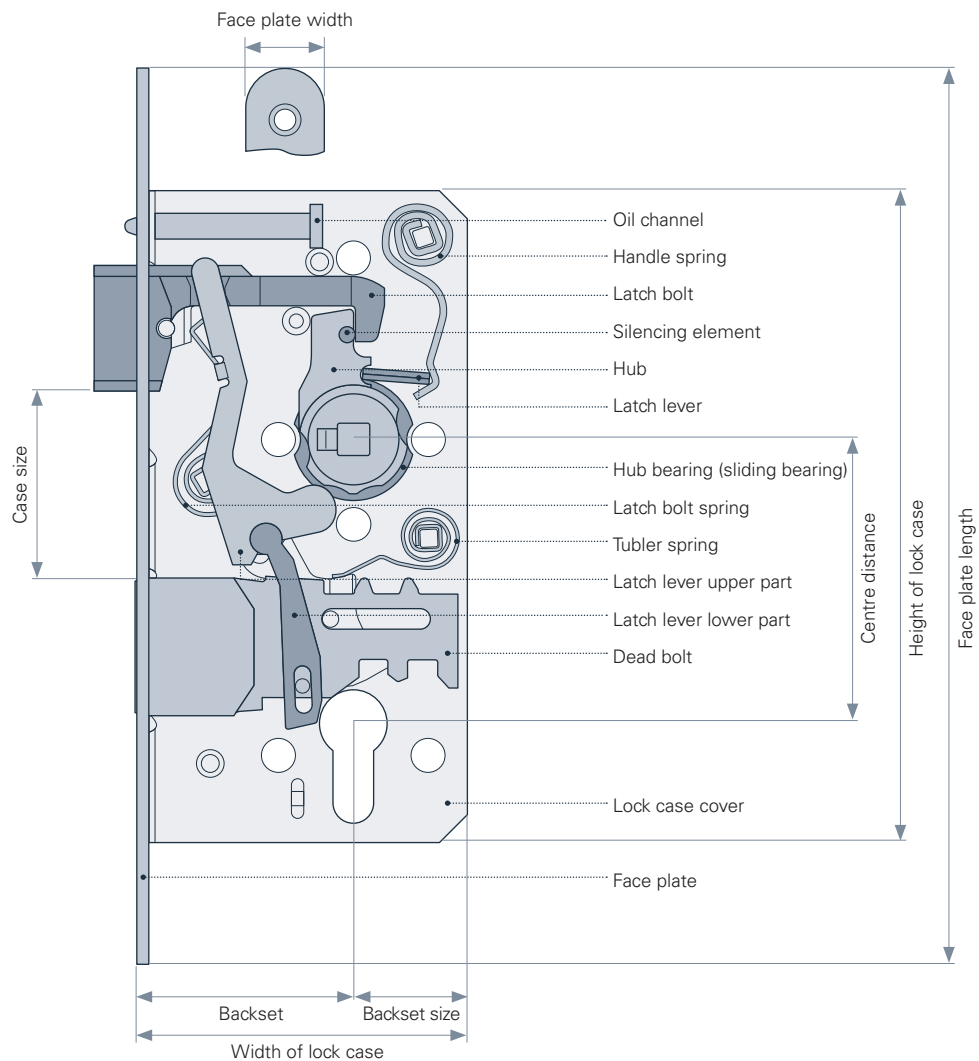
The ECO Touchbar is a Type B mechanical panic door lock in compliance with Euro standard **EN 1125**. This panic door lock unlocks reliably, even when a force is already acting on the door. Movement of the horizontally attached touch bar in the direction of escape releases the locking mechanism and lock abruptly. The release function can be activated from every point along the effective length of the touch profile. The ECO Touchbar can be bolted on or through the door and is protected against vandalism, depending on the construction and design. Available in standard or special lengths with a galvanized steel core with aluminium F1 or nylon coating or in high-grade stainless steel.

EPN 2000 II ER



Reliable and precise as clockwork

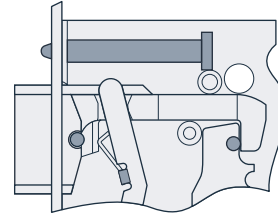
ECO Schulte can look back on many years of experience in the development and manufacture of locks. ECO Schulte locks provide the highest possible level of security and reliability in all areas and function as precisely as clockwork. Long-lasting functionality and a long service life are guaranteed by state-of-the-art manufacture using high-quality materials and construction measures. As panic locks, ECO locks correspond with horizontal panic triggering elements and conventional ECO fittings in the ideal manner. A defined trigger impulse ensures that the door springs open abruptly.



Locks of the very best

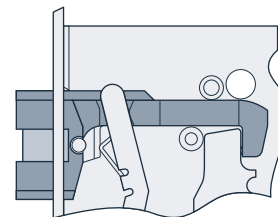
Optional silencing

ECO locks have the option of silencing by means of a sound insulating rubber element on the latch bolt. Another ECO speciality is an integrated oil channel that lubricates all of the moving parts of the lock. No additional recesses in the lock pocket are required because all DIN dimensions are complied with.



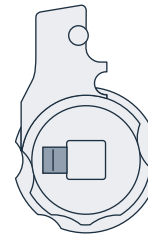
Triple latch bolt

Instead of hitting the strike plate, the ECO triple latch bolt is pressed back into the lock by a lever mechanism. An additional milling groove should be cut in the lock pocket to install the crank latch.



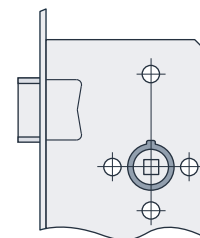
Spring hub

A spring in the handle hub jams the pinion of the handle. This results in the precise guiding of the split spindle and thereby the door handle. Tolerances are compensated. The hub is smoothly mounted in a wear-resistant plastic bearing. ECO mortise locks with sliding bearings provide the best possible ease of operation, even when used intensively.



Protection bushings

ECO offers locks with protection bushings fitted in the standard lock attachment drill holes to prevent wood or metal drill shavings from falling into the locking mechanism during assembly and impairing its functionality.



Locks and strike plates for all notch types

Mortise locks with a face plate mounted on one side and angular striking plates are required for rebated doors. A mortise lock with a centred face plate and flat striking plate is required for flush edge doors.



Profile rebated door

Profile unrebated door

Mortise locks left/right

Mortise locks are designated in accordance with **DIN 107** from the side of the door where the hinges are visible. Hinges visible on the left side = DIN left, hinges visible on the right side = DIN right.

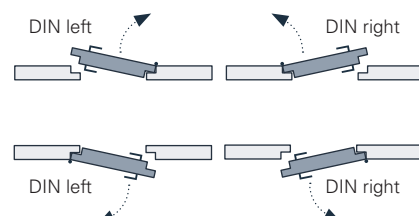
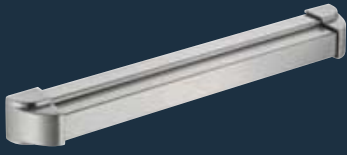




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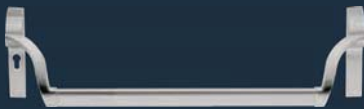
EPN 2000 II
Stainless steel
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EPN 2000 II
Aluminium
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Panic bar systems ■ Pushbar



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EPN 900 III
Aluminium F1 coated
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EPN 900 III
Black / red coated
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EPN 900 IV
Stainless steel
Page 432

NEW!



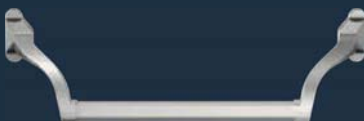
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Aluminium F1 coated
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NEW!



EPN 900 IV
Black / red coated
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NEW!



EPN 950
Stainless steel
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NEW!



EPN 950
Aluminium F1 coated
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NEW!

Panic-lock systems ■ Counter-handle sets

NEW!

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EPN 2000 II handle set ■ Oval rose	Page 442
EPN 2000 II handle set ■ Short plate	Page 444
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NEW!

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Panic locks ■ For double-leaf profile frame doors



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Mortise locks ■ For wooden doors



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Fire-proof mortise locks ■ For wooden and steel doors



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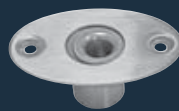
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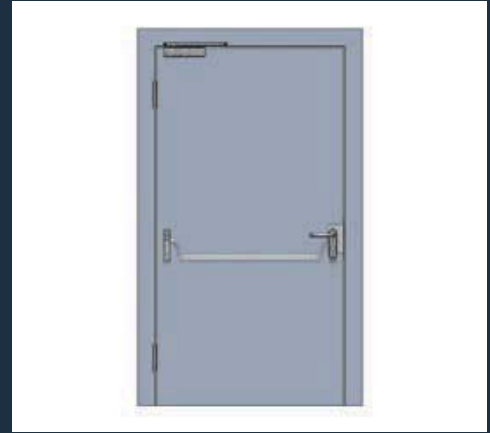
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Panic set acc. to **EN 1125**
for single and double-leaf wooden and metal doors



Panic set
for double-leaf wooden and metal doors

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Panic set
for single-leaf wooden and metal doors

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PE 1.1PE	Page 532
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Panic set acc. to **EN 1125**
for single and double-leaf profile frame doors



Panic set
for double-leaf profile frame doors

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Panic set
for single-leaf profile frame doors

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PPE 1.1PE	Page 544
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Panic set acc. to **EN 179**

for single-leaf wooden and metal doors combination for emergency exits



Panic set
for single-leaf wooden and metal doors

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Panic set acc. to **EN 179**

for single-leaf profile frame doors combination for emergency exits




Panic set
for single-leaf profile frame doors

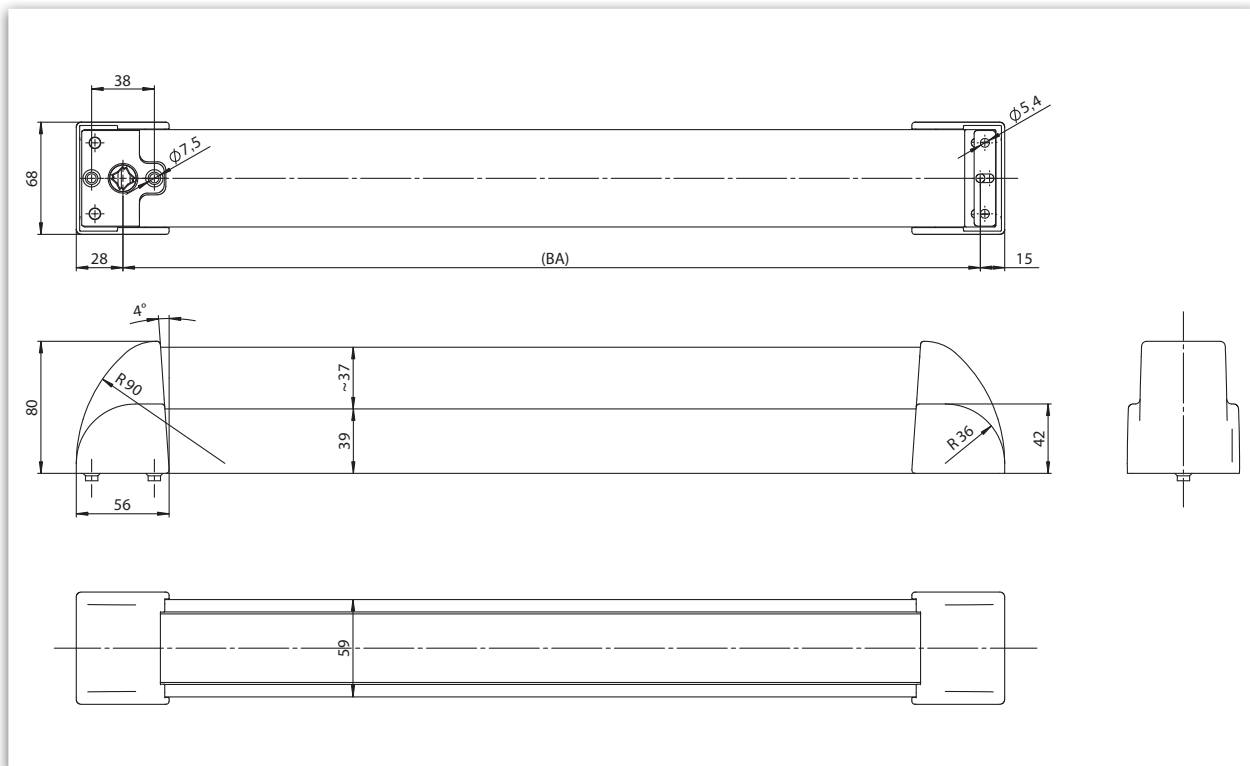
PEE 1.1HB	Page 551
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ECO EPN 2000 II



Product characteristics		
Mode of operation	Touchbar Pushbar	■ -
Finishes	Stainless steel	■
	Aluminium F1 coated	■
	Nylon coated	□
Fixing axis	1.000 mm*	■
	1.250 mm*	■
DIN left / DIN right useable		■
For fire- and smoke control doors	F	■
Tested acc. EN / DIN	EN 1125 	■


■ Yes - No □ Further colors on request



EPN 2000 II
Dimensioning: A: Screw-on version / B: Screw-through version

Description

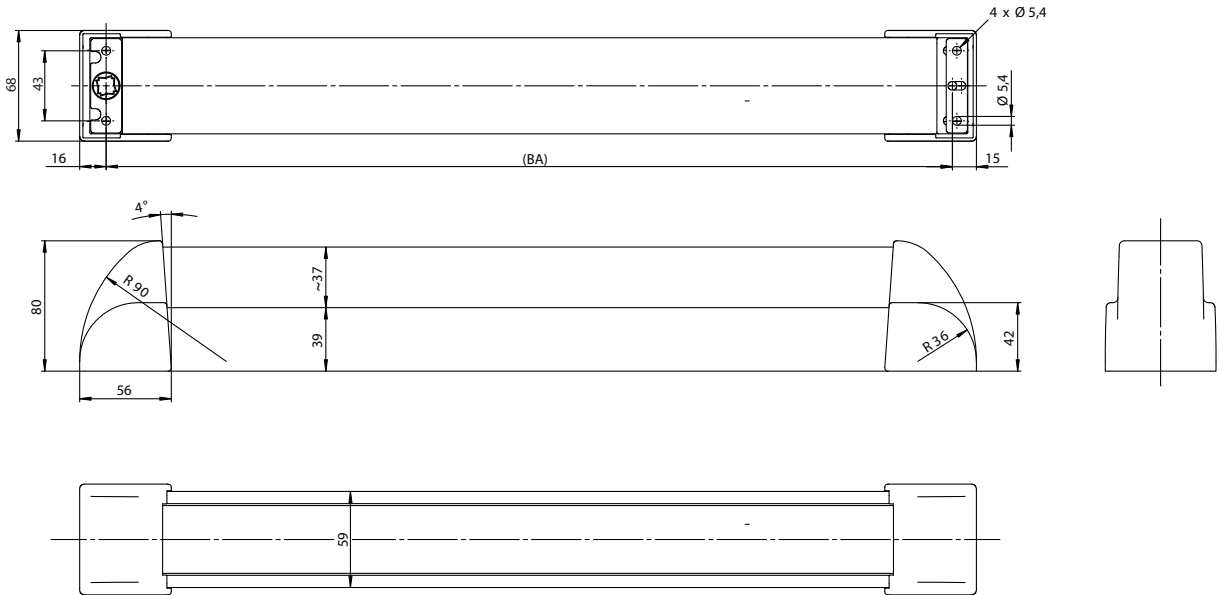
- Tested according to **EN 1125, EN 1634**
- Can be used according to **EN 1125** only with tested and approved lock
- Suitable for the use on fire- and smoke control doors according testing
- Screw-on version
- DIN left / DIN right useable
- Finishes:
Stainless steel
Aluminium F1 coated

 *Manufacturing of special lengths on request and against surcharge possible.

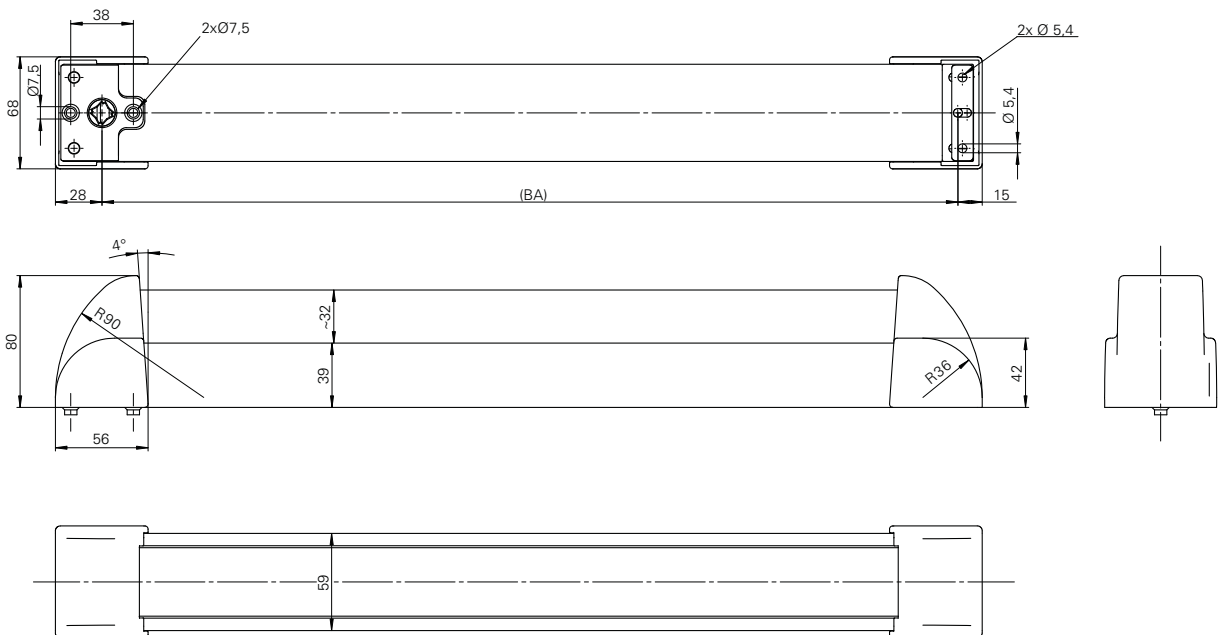
Installation situation

EPN 2000 II

EPN 2000 II for profile frame doors / Screw-on version for active and passive leaf



EPN 2000 II for wooden and steel doors / Screw-through version for active leaf



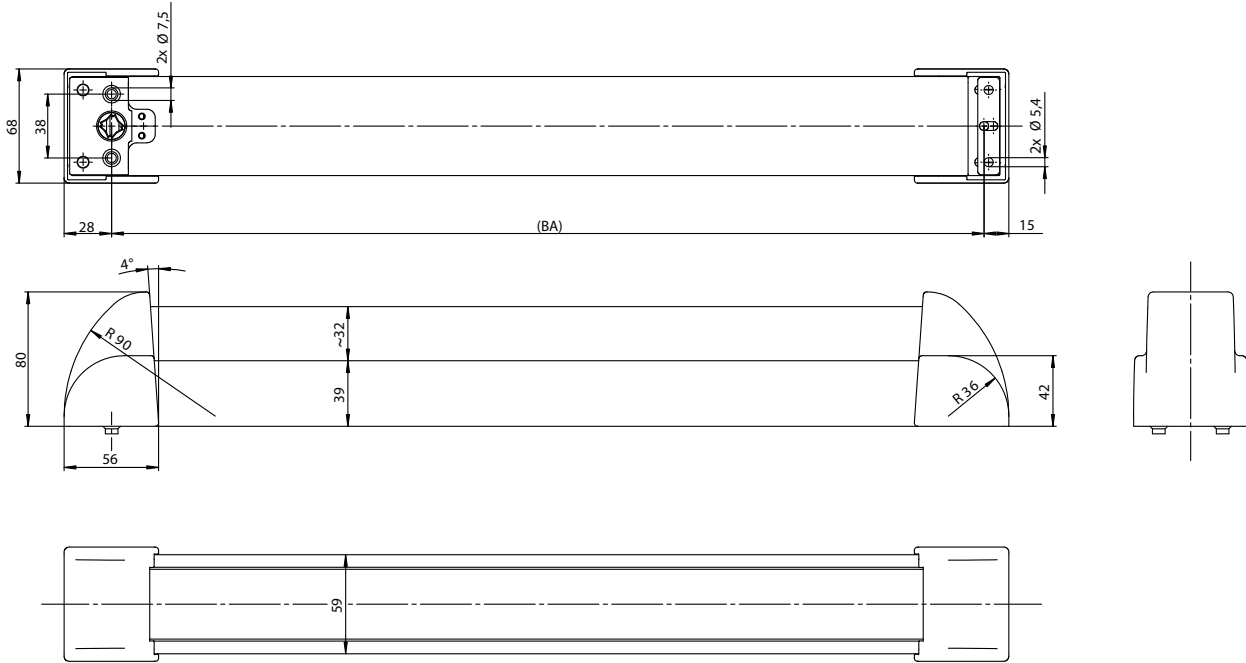


ECO

Installation situation

EPN 2000 II

EPN 2000 for wooden and steel doors / screw-through version for passive leaf





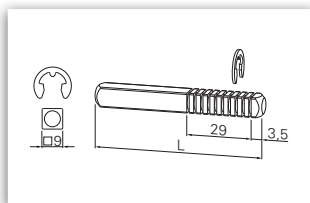
reddot design award
winner 2010

EPN 2000 II Stainless steel	Fixing axis (BA)	Article number
Screw-on version	1.000 mm	106706024600080
	1.250 mm	106706044600080

EPN 2000 II Stainless steel	Fixing axis (BA)	Leaf	Article number
Screw-through version	1.000 mm	Active leaf	106706024600090
		Passive leaf	106707024600090
	1.250 mm	Active leaf	106706044600090
		Passive leaf	106707044600090



EPN 2000 II
Stainless steel

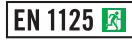


	Length	Article number
Spindle for passive leaf Illustration see page 556	55 mm	119007944300030
	75 mm	119007954300030
	95 mm	119007964300030



*Manufacturing of special
lengths on request and against
surcharge possible.

EPN 2000 II - Touchbar



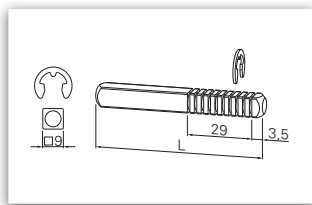
reddot design award
winner 2010



EPN 2000 II Aluminium F1 coated	Fixing axis (BA)	Article number
Screw-on version	1.000 mm	106706044000080
	1.250 mm	106706043000080

EPN 2000 II Aluminium F1 coated	Fixing axis (BA)	Leaf	Article number
Screw-through version	1.000 mm	Active leaf	106706023000090
		Passive leaf	106707023000090
	1.250 mm	Active leaf	106706043000090
		Passive leaf	106707024000090

EPN 2000 II
Aluminium F1 coated

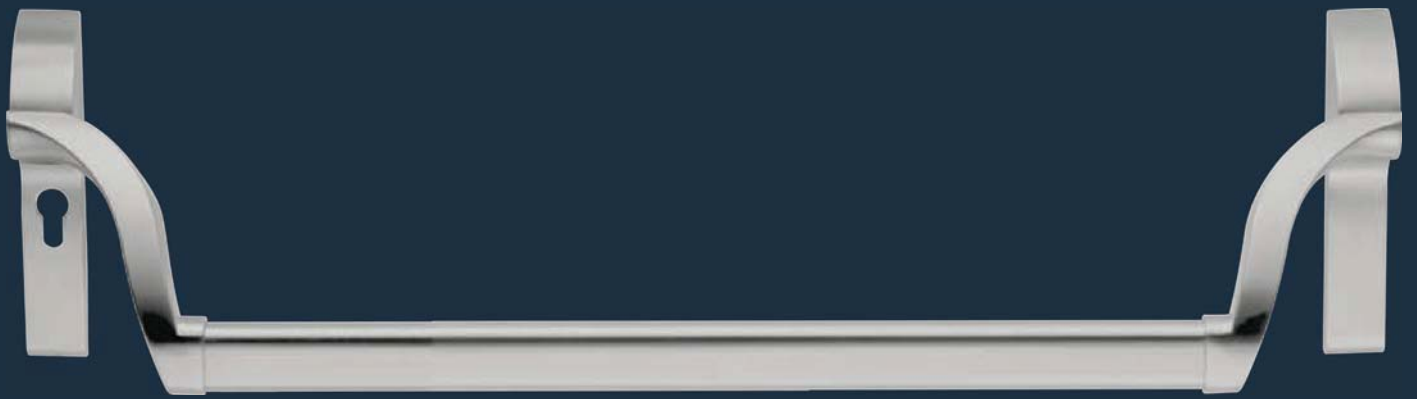




	Length	Article number
Spindle for passive leaf Illustration see page 556	55 mm	119007944300030
	75 mm	119007954300030
	95 mm	119007964300030



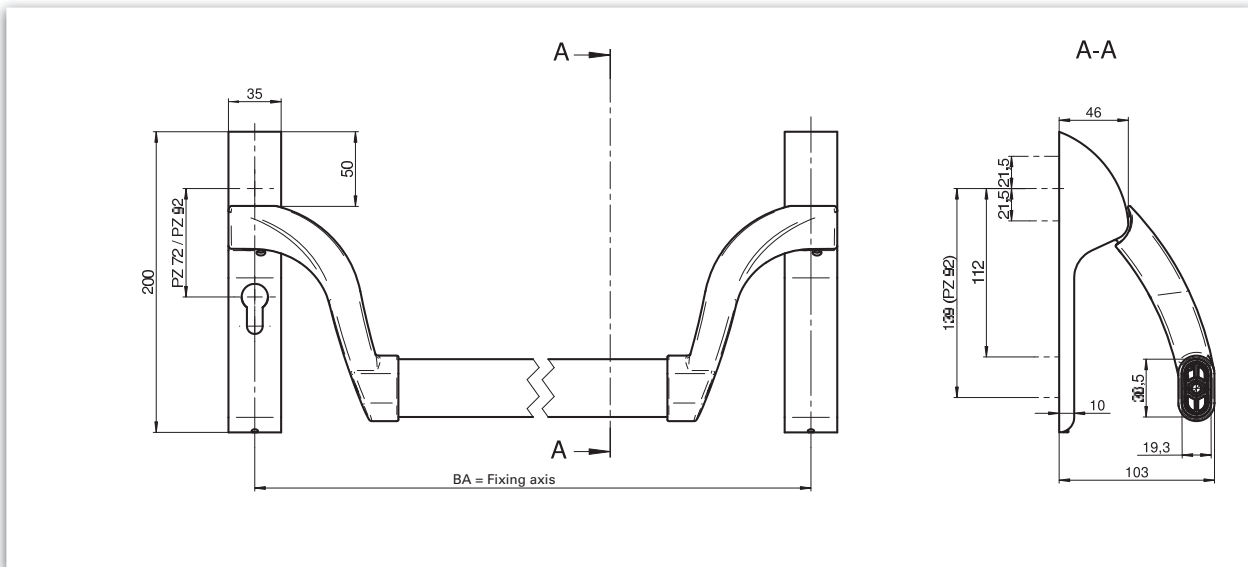


ECO EPN 900 III



Product characteristics		
Mode of operation	Touchbar Pushbar	- ■
Finishes	Stainless steel	■
	Aluminium F1 coated	■
	Coloured coated	■
Tube	900*	■
	1.150*	■
	1.500*	□
Lock type	PZ-72	■
	PZ-92	■
	RZ-74	■
	RZ-94	■
	UG	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors		■
Tested according to DIN / EN		■

■ Yes - No □ Option



Dimensioning: EPN 900 III


Description

EPN 900 III / Pushbar

The arms are highly cranked and enable the use of electronic key cylinders.

- Tested according to **EN 1125, EN 1634, EN 1191**
- Can be used according to **EN 1125** only with tested and approved lock
- Suitable for the use on fire- and smoke control doors according testing
- DIN left / DIN right useable
- Arms highly cranked, suitable in particular for electronic key cylinders and short PZ distances.
- Huge, stable tube (vandalism)
- High-strength screwing of arm and tube

- Finishes:
 - Satin Stainless steel
 - Silber (F1) coated (on basis EPN 900 III Stainless steel)
 - Black / red coated (on basis EPN 900 III Stainless steel)
- Gear unit: steel zinc-plated

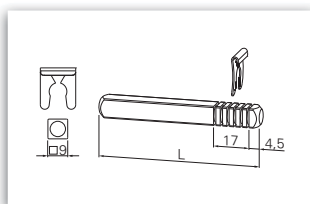
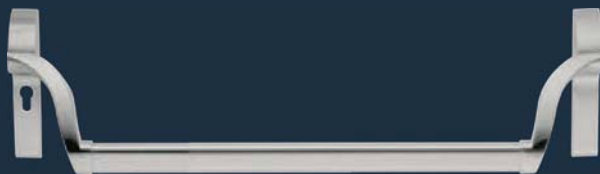
 *Tube has to be ordered separately



EPN 900 III Stainless steel *	Turning angle	Article number
PZ-72	30°	106961304600080
	40°	106961404600080
	45°	106961454600080
PZ-92	30°	106962304600080
	40°	106962404600080
	45°	106962454600080
RZ-74	30°	106965304600080
	40°	106965404600080
	45°	106965454600080
RZ-94	30°	106966304600080
	40°	106966404600080
	45°	106966454600080
UG	30°	106964304600080
	40°	106964404600080
	45°	106964454600080

Tube: Stainless steel	Fixing axis (BA) max.	Article number
900 mm	1.067 mm	109506604600070
1.150 mm	1.317 mm	109506614600070
1.500 mm	1.667 mm	109506644600070

EPN 900 III
Stainless steel



	Length	Article number
Spindle for passive leaf Illustration see page 556	55 mm	119007914300030
	75 mm	119007924300030
	95 mm	119007934300030

* Tube has to be ordered separately



EPN 900 III ▪ Pushbar



EN 1125 



EN 1125 

EPN 900 III Aluminium F1 coated *	Turning angle	Article number
PZ-72	30°	106961303000080
	40°	106961403000080
	45°	106961453000080
PZ-92	30°	106962303000080
	40°	106962403000080
	45°	106962453000080
RZ-74	30°	106965303000080
	40°	106965403000080
	45°	106965453000080
RZ-94	30°	106966303000080
	40°	106966403000080
	45°	106966453000080
UG	30°	106964303000080
	40°	106964403000080
	45°	106964453000080

EPN 900 III * coul.	Turning angle	Article number
PZ-72	30°	106961300200080
	40°	106961400200080
	45°	106961450200080
PZ-92	30°	106962300200080
	40°	106962400200080
	45°	106962450200080
RZ-74	30°	106965300200080
	40°	106965400200080
	45°	106965450200080
RZ-94	30°	106966300200080
	40°	106966400200080
	45°	106966450200080
UG	30°	106964300200080
	40°	106964400200080
	45°	106964450200080

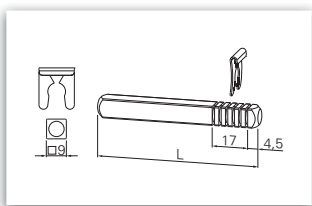
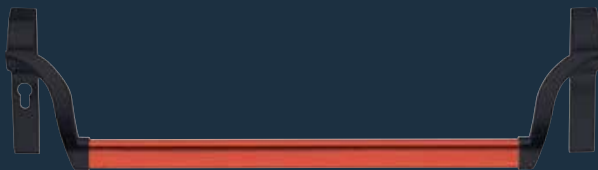
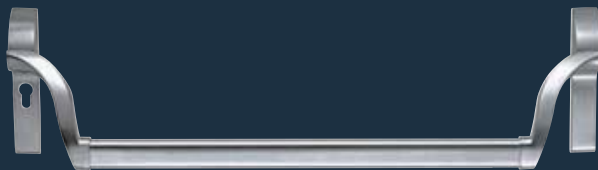
Tube: Aluminium F1 coated	Fixing axis (BA) max.	Article number
900 mm	1.067 mm	109506603000070
1.150 mm	1.317 mm	109506613000070
1.500 mm	1.667 mm	109506643000070

Tube: Ku red coated	Fixing axis (BA) max.	Article number
900 mm	1.067 mm	109506600100070
1.150 mm	1.317 mm	109506610100070
1.500 mm	1.667 mm	On request


4

EPN 900 III Aluminium F1 coated

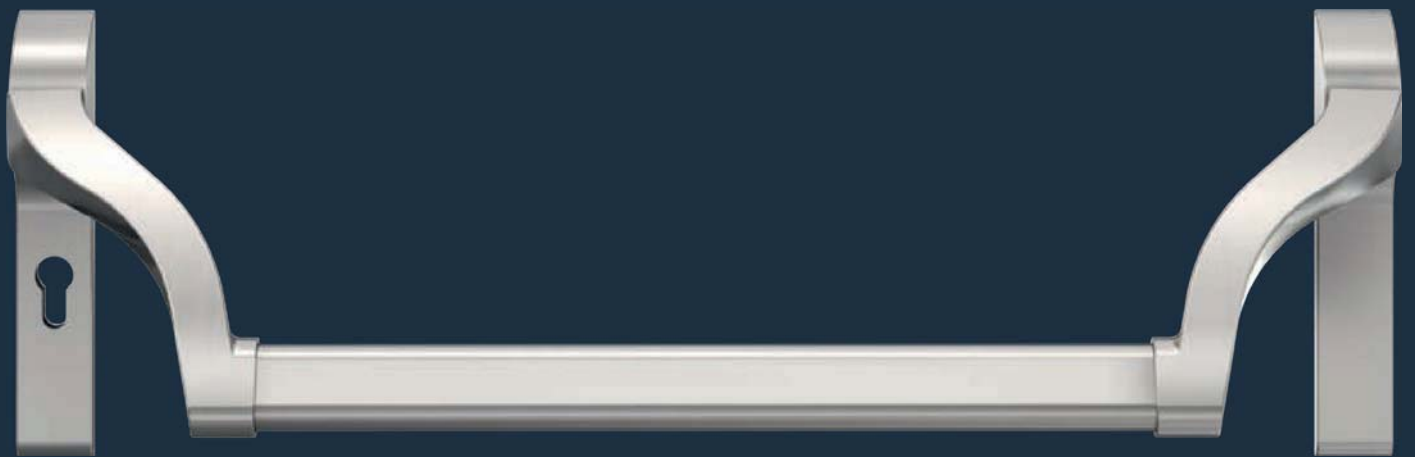
EPN 900 III Black / red coated




Spindle for passive leaf Illustration see page 556	Length	Article number
	55 mm	119007914300030
	75 mm	119007924300030
	95 mm	119007934300030

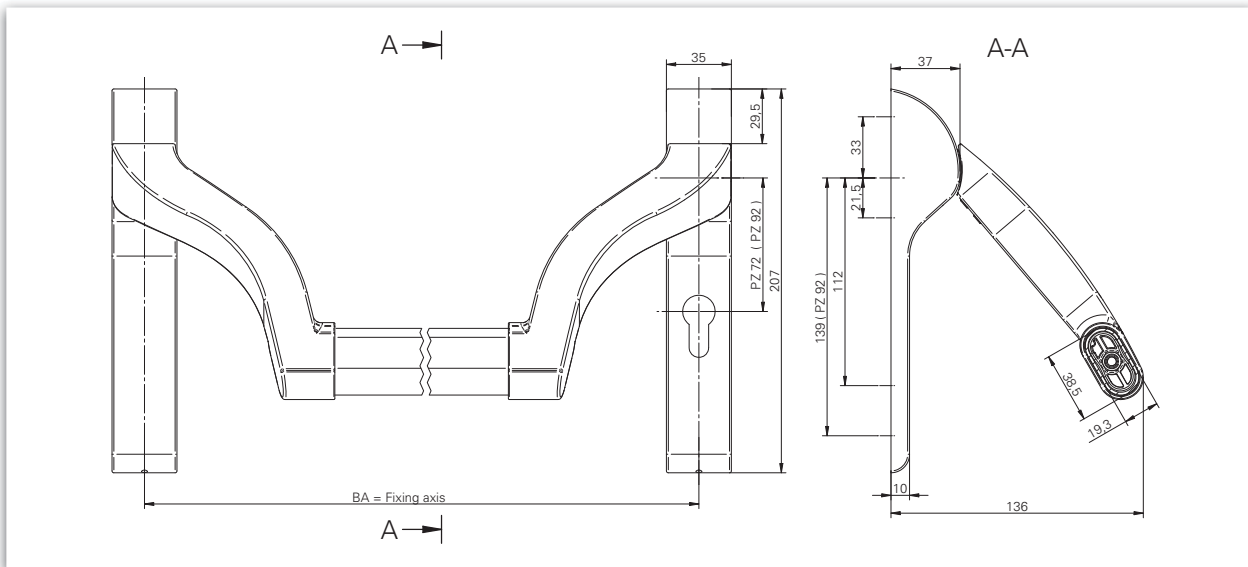
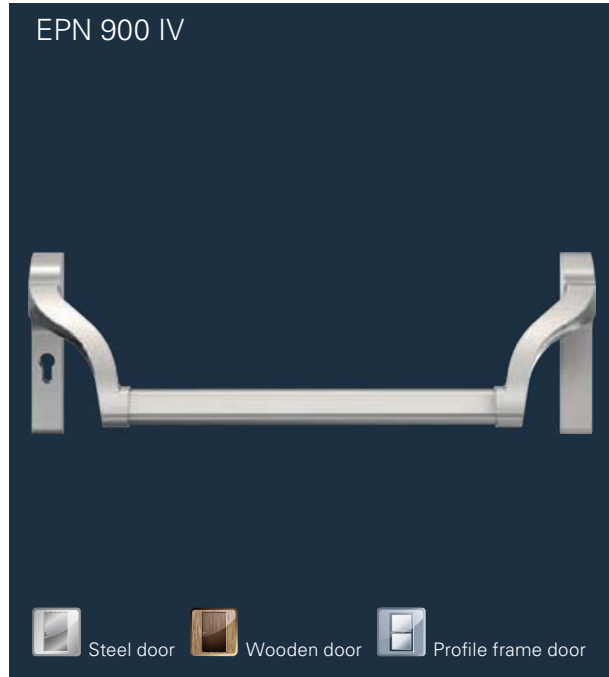
 *Tube has to be ordered separately

ECO EPN 900 IV



Product characteristics		
Mode of operation	Touchbar Pushbar	- ■
Finishes	Stainless steel	■
	Aluminium F1 coated	■
	Coloured coated	■
Tube	900*	■
	1.150*	■
	1.500*	□
Lock type	PZ-72	■
	PZ-92	■
	RZ-74	■
	RZ-94	■
	UG	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to DIN / EN	EN 1125 	■

■ Yes - No □ Option



Dimensioning: EPN 900 IV (Subject to change)


Description

EPN 900 IV / Pushbar

The arms are highly cranked and enable the use of electronic key cylinders.

- Tested according to **EN 1125, EN 1634, EN 1191**
- Can be used according to **EN 1125** only with tested and approved lock
- Suitable for the use on fire- and smoke control doors according testing
- DIN left / DIN right useable
- Arms highly cranked, suitable in particular for electronic key cylinders and short PZ distances.
- Huge, stable tube (vandalism)
- High-strength screwing of arm and tube

- Finishes:
 - Satin Stainless steel
 - Silber Aluminium F1 coated**
 - Black / red coated** (on basis EPN 900 IV Alu)
- Gear unit: steel zinc-plated

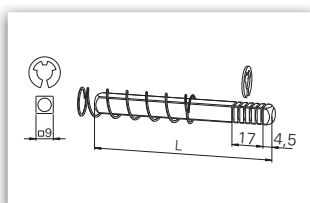
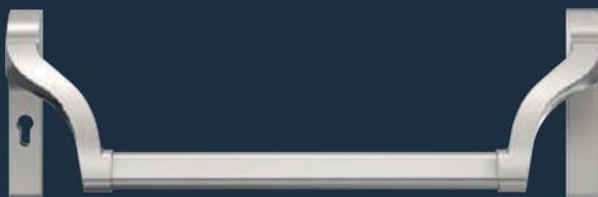
 *Tube has to be ordered separately
** Please see our details on page 673


EN 1125

EPN 900 IV Stainless steel *	Turning angle	Article number
PZ-72	30°	106971304600080
	40°	106971404600080
	45°	106971454600080
PZ-92	30°	106972304600080
	40°	106972404600080
	45°	106972454600080
RZ-74	30°	106975304600080
	40°	106975404600080
	45°	106975454600080
RZ-94	30°	106976304600080
	40°	106976404600080
	45°	106976454600080
Blind UG	30°	106974304600080
	40°	106974404600080
	45°	106974454600080

Tube: Stainless steel	Fixing axis (BA) max.	Article number
900 mm	1.067 mm	109506604600070
1.150 mm	1.317 mm	109506614600070
1.500 mm	1.657 mm	109506644600070

EPN 900 IV
Stainless steel



Spindle
for passive leaf
Illustration see page 556


Length	Article number
55 mm	119007914301030
75 mm	119007924301030
95 mm	119007934301030

* Tube has to be
ordered separately



EPN 900 IV - Pushbar



EN 1125 



EN 1125 

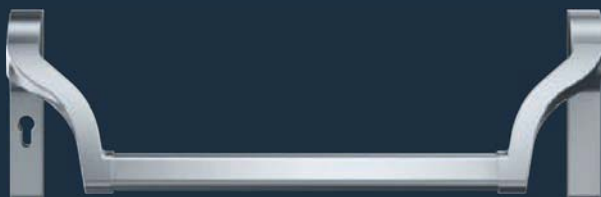
EPN 900 IV Aluminium F1 coated *	Turning angle	Article number
PZ-72	30°	106971303000080
	40°	106971403000080
	45°	106971453000080
PZ-92	30°	106972303000080
	40°	106972403000080
	45°	106972453000080
RZ-74	30°	106975303000080
	40°	106975403000080
	45°	106975453000080
RZ-94	30°	106976303000080
	40°	106976403000080
	45°	106976453000080
Blind UG	30°	106974303000080
	40°	106974403000080
	45°	106974453000080

EPN 900 IV * farbig	Turning angle	Article number
PZ-72	30°	106971300200080
	40°	106971400200080
	45°	106971450200080
PZ-92	30°	106972300200080
	40°	106972400200080
	45°	106972450200080
RZ-74	30°	106975300200080
	40°	106975400200080
	45°	106975450200080
RZ-94	30°	106976300200080
	40°	106976400200080
	45°	106976450200080
Blind UG	30°	106974300200080
	40°	106974400200080
	45°	106974450200080

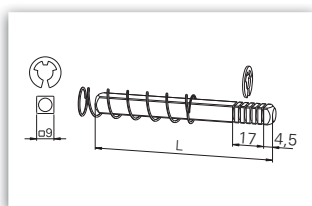
Tube: Steel zinc plated Aluminium F1 coated	Fixing axis (BA) max.	Article number
900 mm	1.067 mm	109507603000070
1.150 mm	1.317 mm	109507613000070
1.500 mm	1.657 mm	109507643000070

Tube: Steel zinc plated red coated	Fixing axis (BA) max.	Article number
900 mm	1.067 mm	109507600100070
1.150 mm	1.317 mm	109507610100070
1.500 mm	1.657 mm	109507640100070


EPN 900 IV Aluminium F1 coated **



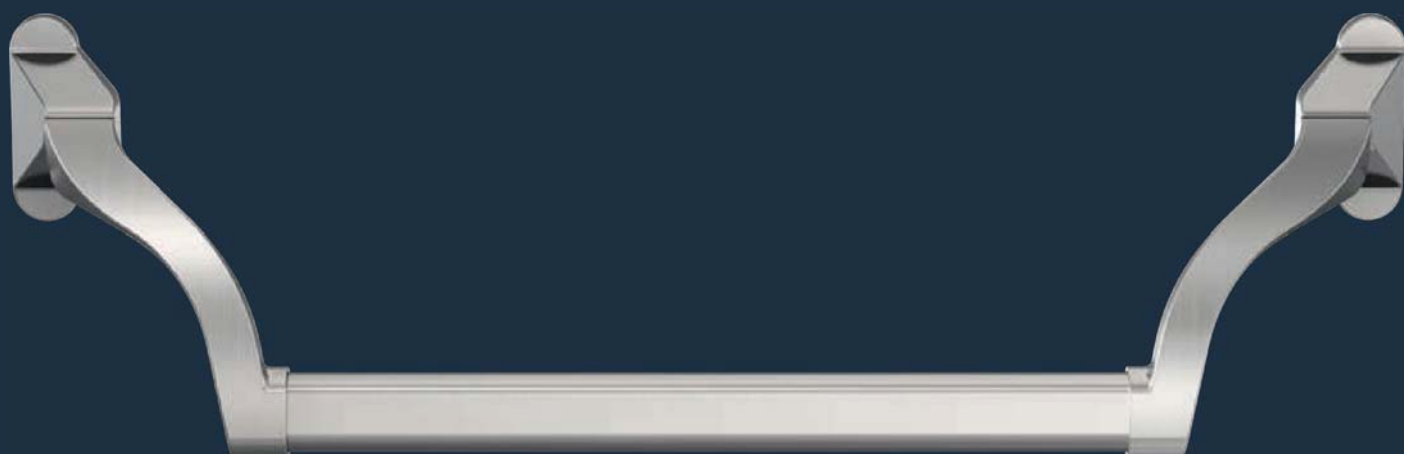
EPN 900 IV Black / red coated **




	Length	Article number
Spindle for passive leaf	55 mm	119007914301030
Illustration see page 556	75 mm	119007924301030
	95 mm	119007934301030

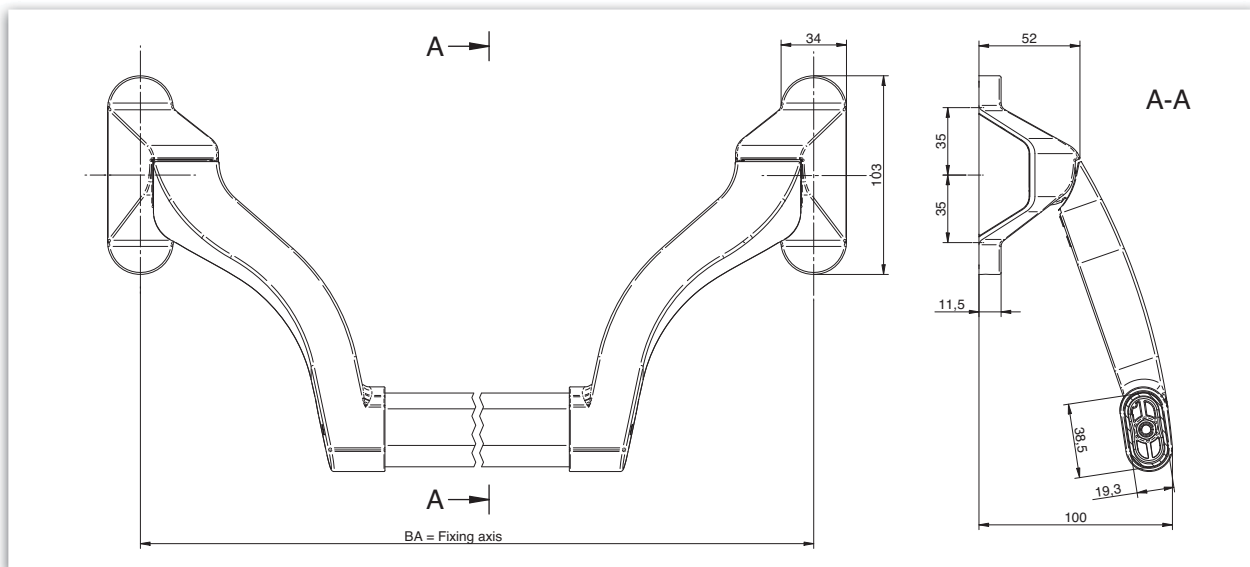

 * Tube has to be ordered separately
 ** Please see our details on page 673

ECO EPN 950



Product characteristics		
Mode of operation	Touchbar Pushbar	- ■
Finishes	Stainless steel	■
	Aluminium F1 coated	■
Tube	900*	■
	1.150*	■
	1.500*	□
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to DIN / EN	EN 1125 	■

■ Yes - No □ Option



Dimensioning: EPN 950 (Subject to change)


Description

EPN 950 / Pushbar

The arms are highly cranked and enable the use of electronic key cylinders.

- Tested according to **EN 1125, EN 1634, EN 1191**
- Can be used according to **EN 1125** only with tested and approved lock
- Suitable for the use on fire- and smoke control doors according testing
- DIN left / DIN right useable
- Arms highly cranked, suitable in particular for electronic key cylinders and short PZ distances.
- Huge, stable tube (vandalism)
- High-strength screwing of arm and tube

- Finishes:
 - Satin Stainless steel*
 - Silber Aluminium F1 coated**
- Gear unit: steel zinc-plated

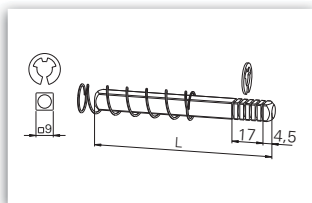
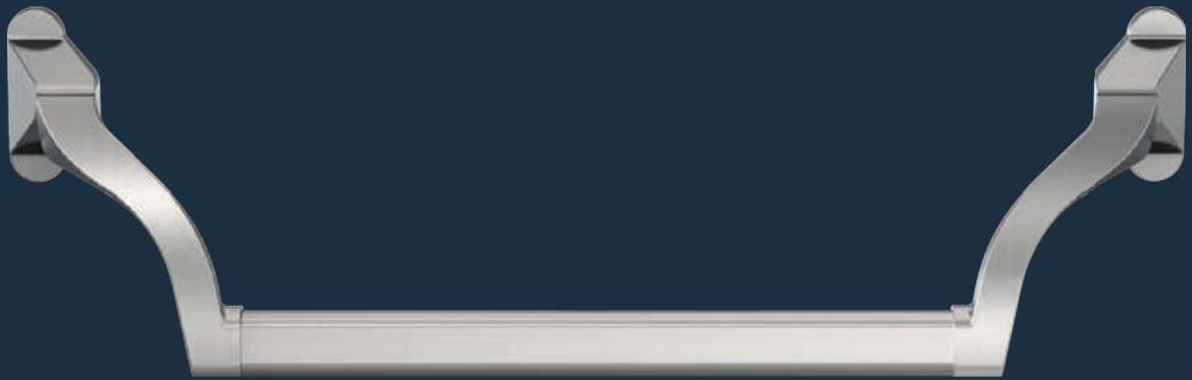

 * Tube has to be ordered separately
 ** Please see our details on page 673



EPN 950 Stainless steel *	Turning angle	Article number
	30°	106980304600080
	45°	106980454600080

Tube: Stainless steel	Fixing axis (BA) max.	Article number
900 mm	1.118 mm	109506604600070
1.150 mm	1.368 mm	109506614600070
1.500 mm	1.718 mm	109506644600070

EPN 950
Stainless steel

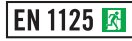


	Length	Article number
Spindle for passive leaf Illustration see page 556	55 mm	119007914301030
	75 mm	119007924301030
	95 mm	119007934301030

* Tube has to be
ordered separately



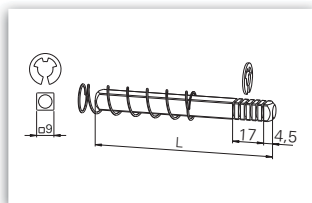
EPN 950 ▪ Pushbar




EPN 950 Aluminium F1 coated *	Turning angle	Article number
	30°	106980303000080
	45°	106980453000080

Tube: Aluminium F1 coated	Fixing axis (BA) max.	Article number
900 mm	1.118 mm	109507603000070
1.150 mm	1.368 mm	109507613000070
1.500 mm	1.718 mm	109507643000070

EPN 950
Aluminium F1 coated **



Spindle for passive leaf Illustration see page 556	Length	Article number
	55 mm	119007914301030
	75 mm	119007924301030
	95 mm	119007934301030

 * Tube has to be ordered separately
** Please see our details on page 673

ECO EPN 2000 II - Counter hardware

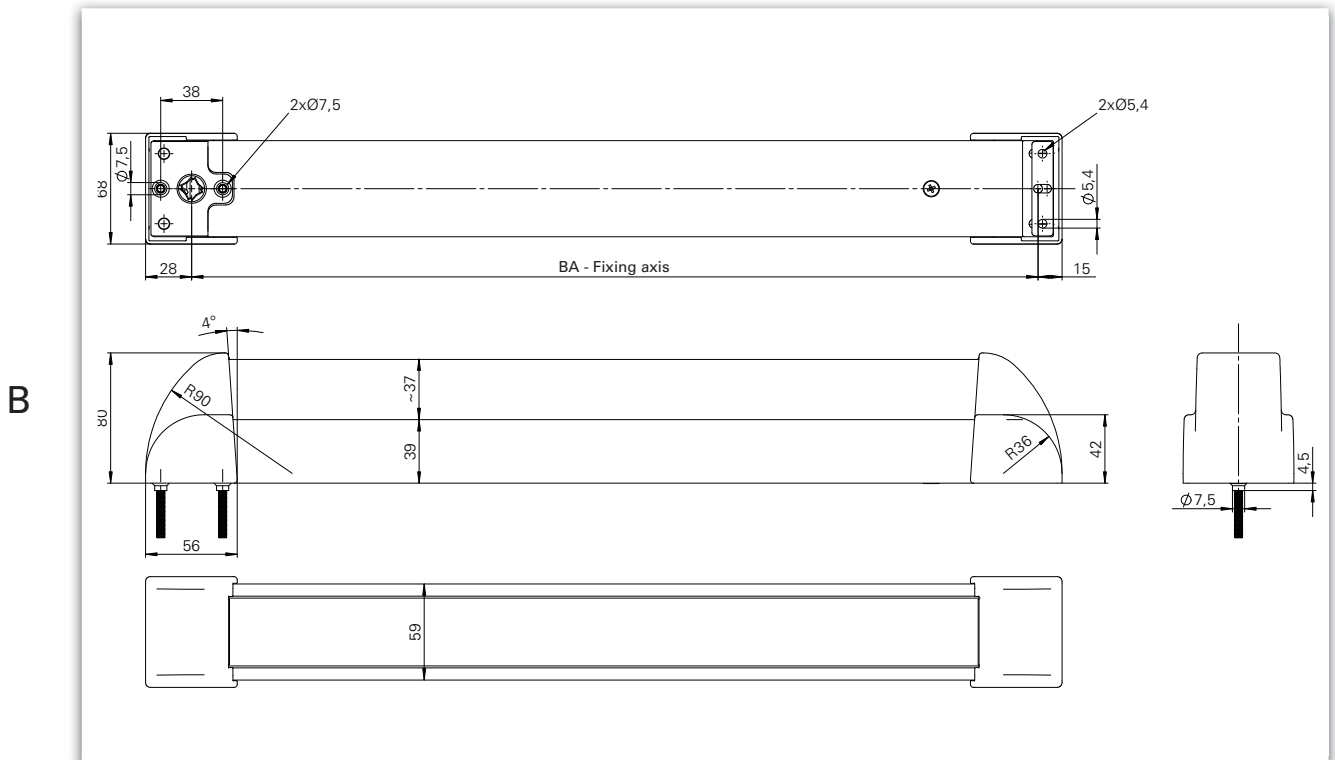




Product characteristics

Mode of operation	Touchbar Pushbar	■ -
Finishes	Stainless steel	■
	Aluminium F1 coated	■
Fixing axis	1.000 mm	■
	1.250 mm	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to EN / DIN	EN 1125	■

■ Yes - No

EPN 2000 II Set ■ Round rose


EPN 2000 II Dimensioning: B: Screw-through version

Description
EPN 2000 II handle set round rose / Touchbar

This execution of the touch plate of the EPN 2000 II has been especially designed for the use with round roses as counter hardware. The norm and drillhole distances for round roses have been taken into consideration.

■ Tested according to **EN 1125, EN 1634**

■ Can be used according to **EN 1125** only in combination with tested lock and door hardware

- Suitable for the use on fire- and smoke control doors according testing
- Screw-through version
- DIN left / DIN right useable
- Finishes:
 - Stainless steel
 - Aluminium F1 (silver coated)*

Set EPN 2000 II with counter hardware round rose



Set consists of

- **EPN 2000 II ER** (also available in aluminium, F1 silver coated)*
- **Counter hardware round rose with friction bearing technology (OGL)**
Counter hardware handle type D-110 (PZ)
Counter hardware knob type K-130 (PZ)

Accessories



- Screw set (please mention door thickness)
- Spindle has to be ordered separately



Steel door



Wooden door

Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Counter hardware PZ	
			 D-110	 K-130
Screw-through version	1.000 mm	106706024600090	106785004674012	106785104674012
	1.250 mm	106706044600090		

Further executions and handle types on request.

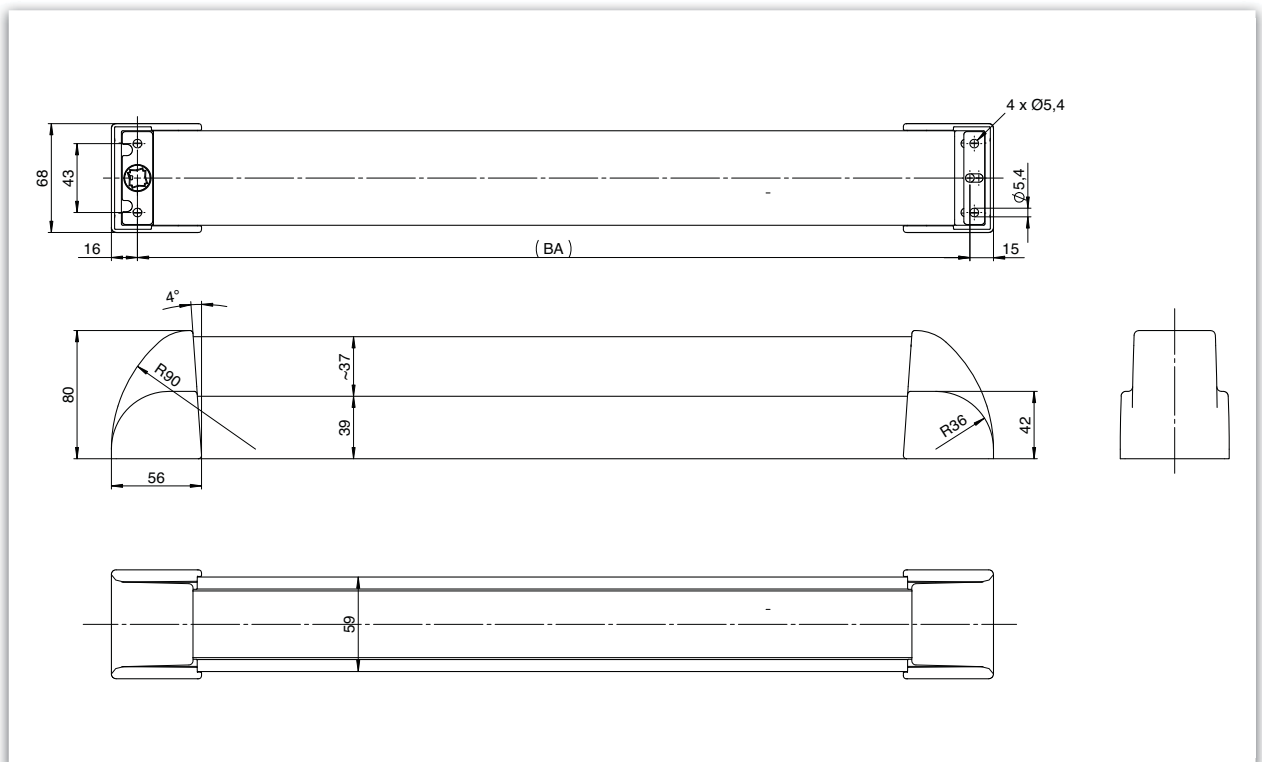


*Manufacturing of special lengths on request and against surcharge possible.

Please see our details on page 673.

Product characteristics		
Mode of operation	Touchbar Pushbar	■ -
Finishes	Stainless steel	■
	Aluminium F1 coated	■
Fixing axis	1.000 mm	■
	1.250 mm	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to EN / DIN	EN 1125	■

■ Yes - No



EPN 2000 II Dimensioning: A: Screw-on version

Description

EPN 2000 II handle set oval rose / Touchbar

This execution of the touch plate of the EPN 2000 II has been especially designed for the use with oval roses as counter hardware. The norm and drillhole distances for oval roses have been taken into consideration.

- Tested according to **EN 1125, EN 1634**
- Can be used according to **EN 1125** only in combination with tested lock and door hardware

- Suitable for the use on fire- and smoke control doors according testing
- Screw-on version
- DIN left / DIN right useable
- Finishes:
 - Stainless steel
 - Aluminium F1 (silver coated)*

Set EPN 2000 II with counter hardware oval rose



Set consists of


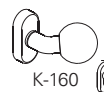
- **EPN 2000 II ER** (also available in aluminium, F1 silver coated)*
- **Counter hardware oval rose with friction bearing technology (OGL)**
Counter hardware handle type D-116 (PZ)
Counter hardware knob type K-160 (PZ)

Accessories


- Screw set (please mention door thickness)
- Spindle has to be ordered separately



Profile frame door

Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Counter hardware PZ	
			D-116 	K-160 
Screw-on version	1.000 mm	106706024600080	106780004600012	106780104600012
	1.250 mm	106706044600080		

Further executions and handle types on request.

 *Manufacturing of special lengths on request and against surcharge possible.

Set EPN 2000 II with counter hardware short plate



Set consists of

- **EPN 2000 II ER** (also available in aluminium, F1 silver coated)*
- **Counter hardware short plate with friction bearing technology (OGL)**
Counter hardware handle type D-110 (PZ)
Counter hardware knob type K-130 (PZ)

Accessories



- Screw set (please mention door thickness)
- Spindle has to be ordered separately




Steel door



Wooden door

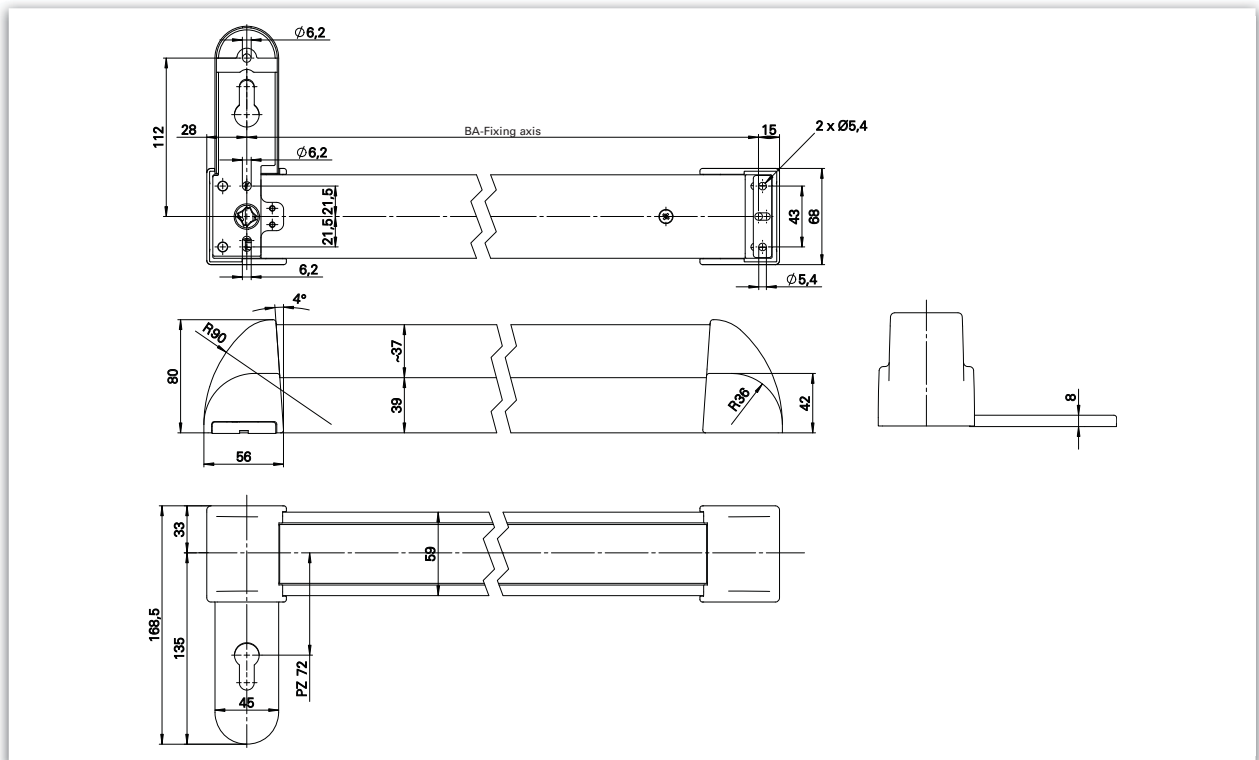
Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Special handle set PZ-72	
			 D-110	 K-130
Screw-through version	1.000 mm	106706224600099	106910004600902	106915004600902
	1.250 mm	106706244600099		

Further executions and handle types on request.

 *Manufacturing of special lengths on request and against surcharge possible.

Product characteristics		
Mode of operation	Touchbar Pushbar	■ -
Finishes	Stainless steel	■
	Aluminium F1 coated	■
Fixing axis	1.000 mm	■
	1.250 mm	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to EN / DIN	EN 1125	■

■ Yes - No



EPN 2000 II Dimensioning: B: Screw-through version

Description

EPN 2000 II security handle set on short plate / Touchbar

This execution of the touch plate of the EPN 2000 II has been especially designed for the use with security handle sets on short plate as counter hardware. The norm and drillhole distances for security handle sets on short plate have been taken into consideration.

- Tested according to **EN 1125, EN 1634**
- Can be used according to **EN 1125** only in combination with tested lock and door hardware

- Tested according to **EN 1906 / DIN 18257**
- Suitable for the use on fire- and smoke control doors according testing
- Screw-through version
- DIN left / DIN right useable
- Finishes:
Stainless steel
Aluminium F1 (silver coated)*

Set EPN 2000 II with counter hardware security handle short plate



Set consists of

- **EPN 2000 II ER** (also available in aluminium, F1 silver coated)*
- **Counter hardware security handle short plate with friction bearing technology (OGL)**
Counter hardware handle type D-110 ES 1 K (PZ or ZA)
Counter hardware knob type K-130 (PZ or ZA)

Accessories

- Screw set (please mention door thickness)
- Spindle has to be ordered separately




Steel door



Wooden door

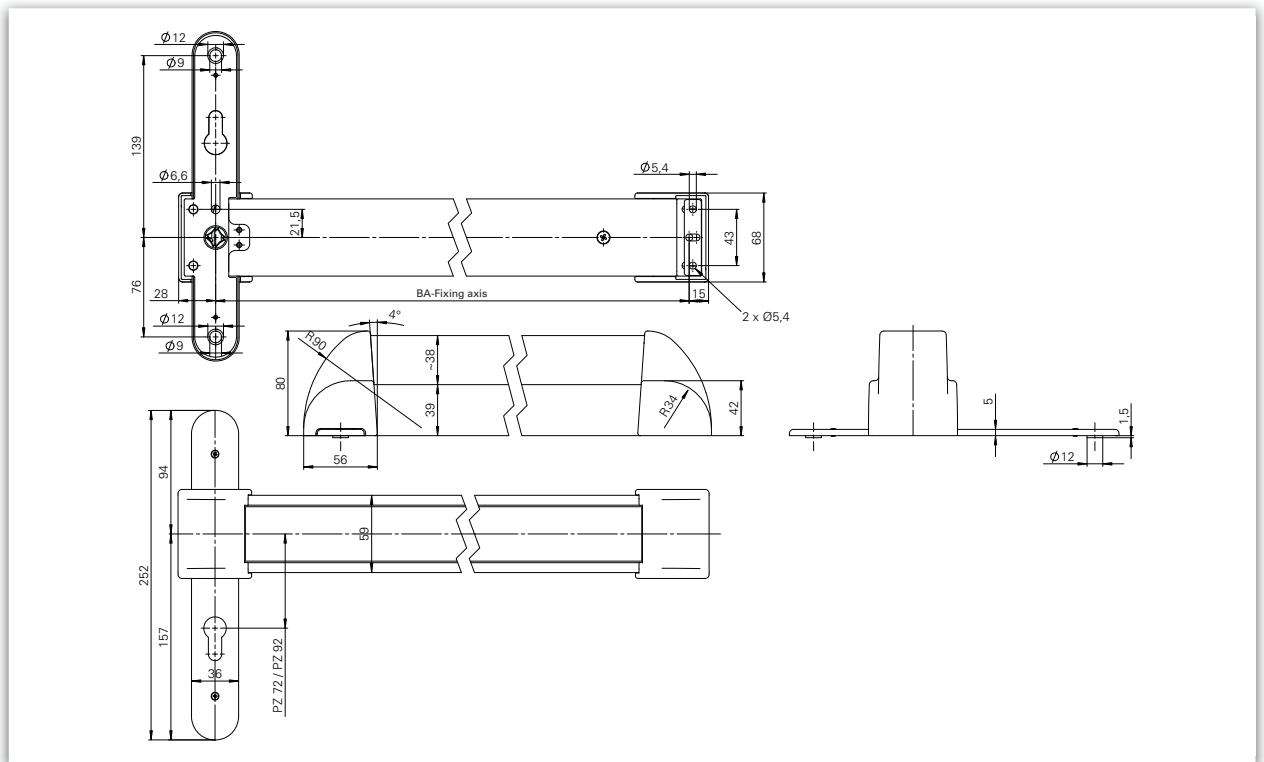
Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Special handle set PZ-72 / 14 mm		Special handle set ZA-72 / 14 mm	
			D-110	K-130	D-110	K-130
Screw-through version	1.000 mm	106706224600099	102034314600012	102034104600012	102034514600012	102034114600012
	1.250 mm	106706244600099				

Further executions and handle types on request.

 *Manufacturing of special lengths on request and against surcharge possible.

Product characteristics		
Mode of operation	Touchbar Pushbar	■ -
Finishes	Stainless steel	■
	Aluminium F1 coated	■
Fixing axis	1.000 mm	■
	1.250 mm	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to EN / DIN	EN 1125	■

■ Yes - No



EPN 2000 II Dimensioning: B: Screw-through version

Description

EPN 2000 II security handle set on long plate / Touchbar

This execution of the touch plate of the EPN 2000 II has been especially designed for the use with security handle sets on long plate as counter hardware. The norm and drillhole distances for security handle sets on long plate have been taken into consideration.

- Tested according to **EN 1125, EN 1634**
- Can be used according to **EN 1125** only in combination with tested lock and door hardware

- Tested according to **EN 1906 / DIN 18257**
- Suitable for the use on fire- and smoke control doors according testing
- Screw-through version
- DIN left / DIN right useable
- Finishes:
 - Stainless steel
 - Aluminium F1 (silver coated)*

Set EPN 2000 II with counter hardware security handle long plate



Set consists of

- **EPN 2000 II ER** (also available in aluminium, F1 silver coated)*
- **Counter hardware security handle long plate with friction bearing technology (OGL)**
Counter hardware handle type D-110 ES 1(PZ or ZA)
Counter hardware knob type K-130 (PZ or ZA)

Accessories

- Screw set (please mention door thickness)
- Spindle has to be ordered separately



Steel door



Wooden door

Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Special handle set PZ-72 / 14 mm		Special handle set ZA-72 / 14 mm	
			D-110	K-130	D-110	K-130
Screw-through version	1.000 mm	106706324600099	102031554600012	102030364600012	1020315146	1020306046
	1.250 mm	106706344600099				

Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Special handle set PZ-92 / 14 mm		Special handle set ZA-92 / 14 mm	
			D-110	K-130	D-110	K-130
Screw-through version	1.000 mm	106706224600099	102031544600012	102030384600012	1020315246	102030704600012
	1.250 mm	106706244600099				

Further executions and handle types on request.

Please see our details on page 673.

*Manufacturing of special lengths on request and against surcharge possible.

Set EPN 2000 II with counter hardware security handle profile frame



Set consists of

- **EPN 2000 II ER** (also available in aluminium, F1 silver coated)*
- **Counter hardware security handle profile frame with friction bearing technology (OGL)**
Counter hardware handle type D-116 (PZ or ZA)
Counter hardware knob type K-160 (PZ or ZA)

Accessories

- Screw set (please mention door thickness)
- Spindle has to be ordered separately



Profile frame door

Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Special handle set PZ-72 / 14 mm		Special handle set ZA-72 / 14 mm	
			D-116	K-160	D-116	K-160
Screw-through version	1.000 mm	106706324600099	102049464600010	102049604600010	102049484600010	102049654600010
	1.250 mm	106706344600099				

Set EPN 2000 II Stainless steel	Fixing axis	EPN 2000 II	Special handle set PZ-92 / 14 mm		Special handle set ZA-92 / 14 mm	
			D-116	K-160	D-116	K-160
Screw-through version	1.000 mm	106706324600099	102049474600010	102049614600010	102049494600010	102049664600010
	1.250 mm	106706344600099				

Further executions and handle types on request.

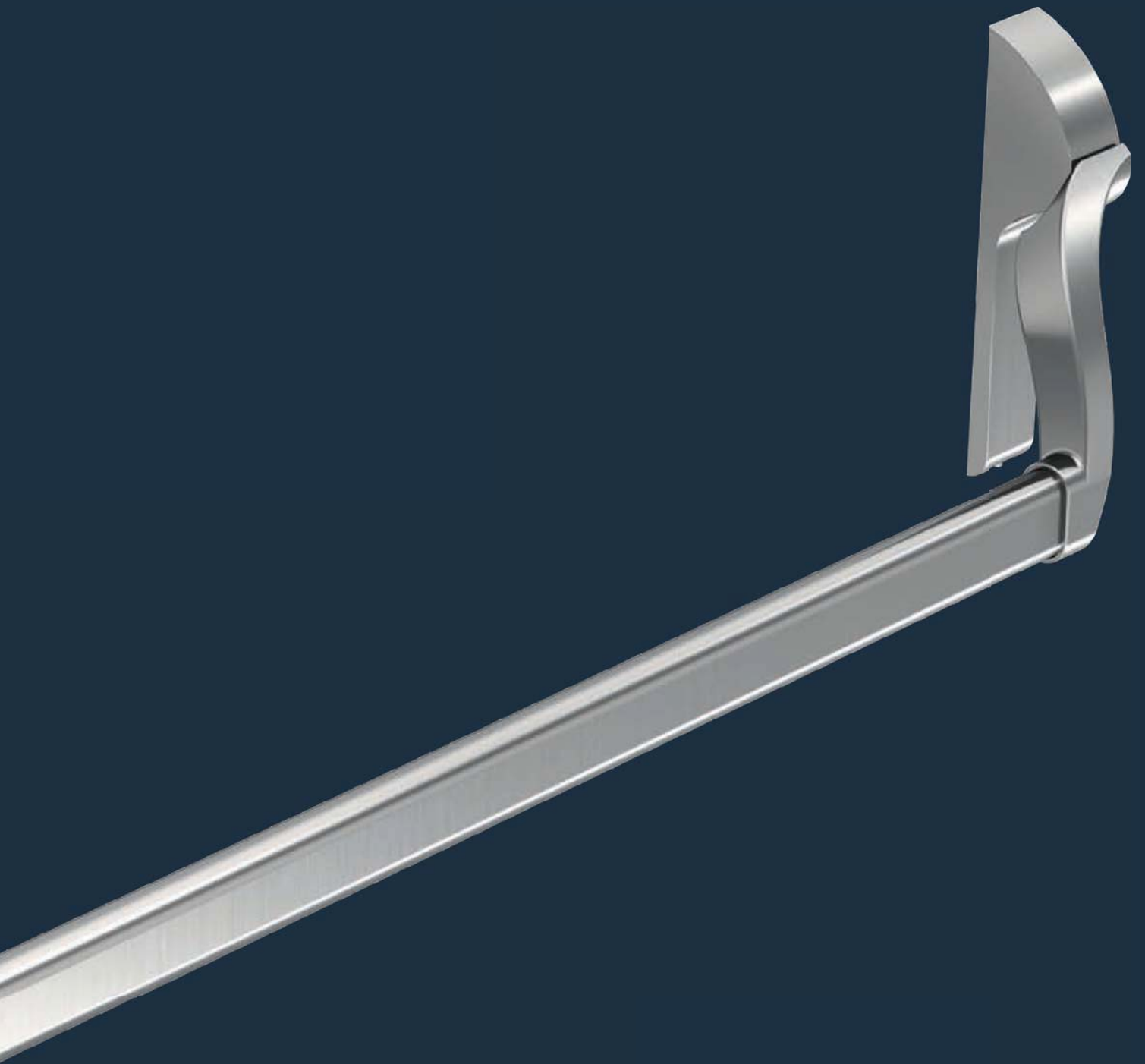



*Manufacturing of special lengths on request and against surcharge possible.

Please see our details on page 673.

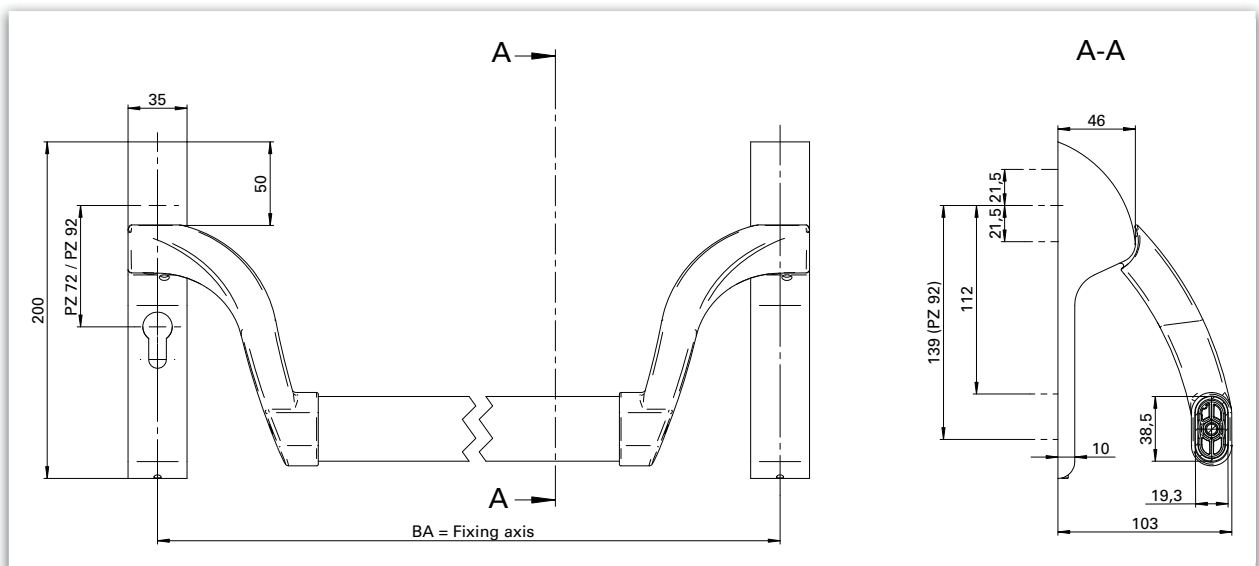
ECO EPN 900 III - Counter hardware





Product characteristics		
Mode of operation	Touchbar Pushbar	- ■
Finishes	Stainless steel	■
	Aluminium F1 coated	■
	Coloured coated	■
Tube	900*	■
	1.150*	■
	1.500*	□
Lock type	PZ-72	■
	PZ-92	■
	RZ-74	■
	RZ-94	■
	UG	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to DIN / EN	EN 1125 	■

■ Yes - No □ Option



Dimensions: EPN 900 III with counter hardware oval rose

Description

EPN 900 III handle set oval rose / Pushbar

The arms are highly cranked and enable the use of electronic key cylinders.

This execution of tube for EPN 900 III has especially been designed for the use with oval rose handle sets as counter hardware. The norm and drillhole distances for oval rose counter hardware have been taken into consideration.

- Tested according to **EN 1125, EN 1634, EN 1191**
- Can be used according to **EN 1125** only in combination with tested lock and door hardware
- Arms highly cranked, suitable in particular for electronic key cylinders and short PZ distances.
- Huge, stable tube (vandalism)

- High-strength screwing of arm and tube
- Finishes:
 - Satin Stainless steel
 - Silver (F1)* coated (on basis EPN 900 III Stainless steel)
 - Black / red coated* (on basis EPN 900 III Stainless steel)
- Gear unit: steel zinc-plated

Set EPN 900 III with counter hardware oval rose



Set consists of

- **EPN 900 III ER** (also available in aluminium, F1 silver coated)*
- **Counter hardware oval rose with friction bearing technology (OGL)**
Counter hardware handle type D-116
Counter hardware knob type K-160

Accessories

- Screw set (please mention door thickness)
- Tube (see length-chart)
- Spindle has to be ordered separately



Profile frame door

Set EPN 900 III Stainless steel	Turning angle	EPN 900 III	Counter hardware PZ	
			D-116	K-160
PZ-72	30°	106961304600080	106918504600902	106915534600902
	40°	106961404600080		
	45°	106961454600080		
PZ-92	30°	106962304600080		
	40°	106962404600080		
	45°	106962454600080		

Further executions and handle types on request.

Accessories




Tube: Stainless steel	Fixing axis (BA) max.	Article number
900 mm	1.067 mm	109506604600070
1.150 mm	1.317 mm	109506614600070
1.500 mm	-	On request



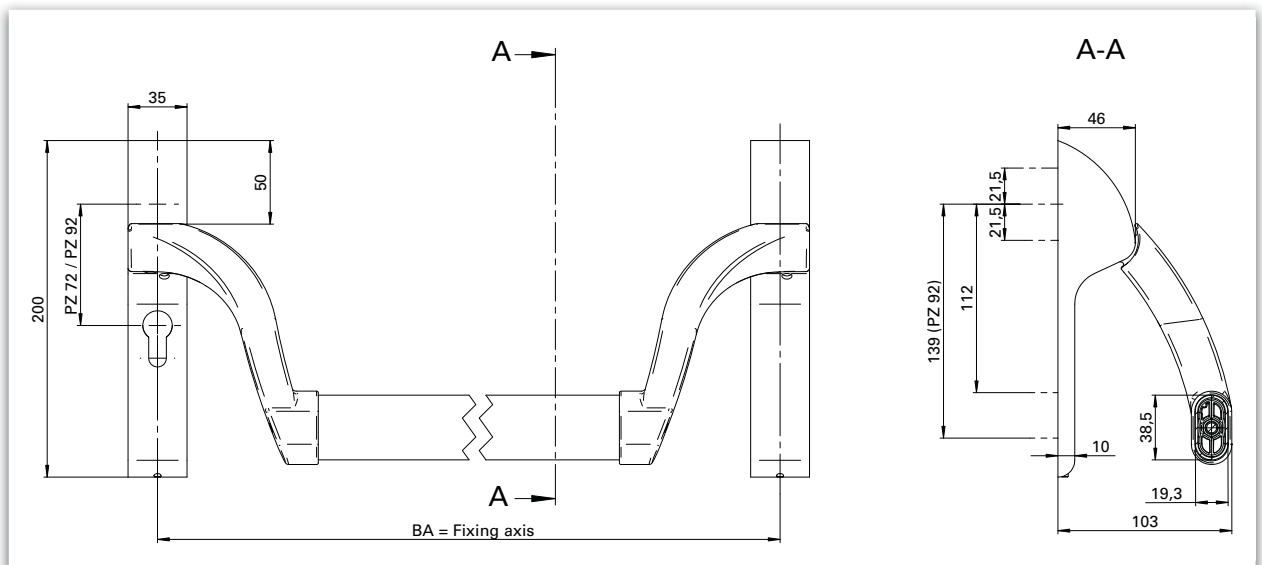
*Manufacturing of special lengths on request and against surcharge possible.
Tube has to be ordered separately.

Please see our details on page 673.

Product characteristics

Mode of operation	Touchbar Pushbar	- ■
Finishes	Stainless steel	■
	Aluminium F1 coated	■
	Coloured coated	■
Tube	900*	■
	1.150*	■
	1.500*	□
Lock type	PZ-72	■
	PZ-92	■
	RZ-74	■
	RZ-94	■
	UG	■
DIN left / DIN right useable		■
Suitable for the use on fire- and smoke control doors	F	■
Tested according to DIN / EN	EN 1125 	■

■ Yes - No □ Option

EPN 900 III Set ■ Short plate


Dimensioning: EPN 900 III with counter hardware handle sets on short plate

Description
EPN 900 III handle set short plate / Pushbar

The arms are highly cranked and enable the use of electronic key cylinders.

This execution of tube for EPN 900 III has especially been designed for the use with short plate handle sets as counter hardware. The norm and drillhole distances for short plate handle sets as counter hardware have been taken into consideration.

- Tested according to **EN 1125, EN 1634, EN 1191**
- Can be used according to **EN 1125** only in combination with tested lock and door hardware
- Suitable for the use on fire- and smoke control doors according testing
- DIN left / DIN right useable
- Arms highly cranked, suitable in particular for electronic key cylinders and short PZ distances.
- Huge, stable tube (vandalism)
- High-strength screwing of arm and tube
- Finishes:
 - Satin Stainless steel
 - Silver (F1)* coated (on basis of EPN 900 III Stainless steel)
 - Steel zinc-plated and silver (F1) coated
 - Black / red coated* (on basis EPN 900 III Stainless steel)
- Gear unit: steel zinc-plated