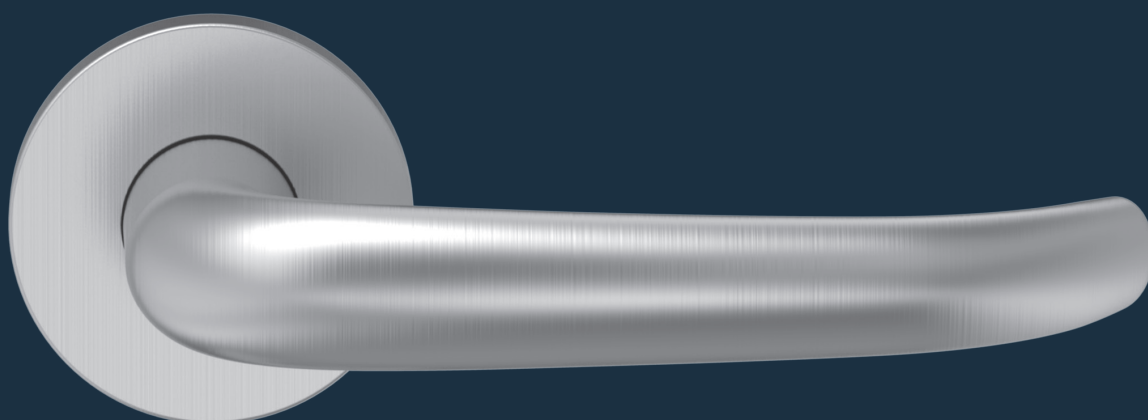


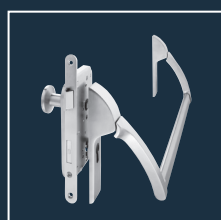
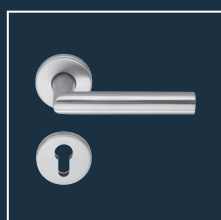
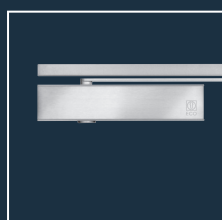


ECO D-410

Product information



■ SYSTEM TECHNOLOGY FOR THE DOOR



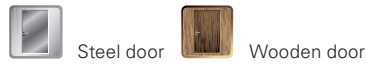
Product characteristics

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	■
Steel base with nylon clip ring	■
Concealed through-screw technology	■
DIN left / right	■
EN 1906- Corrosion class 5	■
1 million test cycles MPAZert	■

Classification key EN 1906

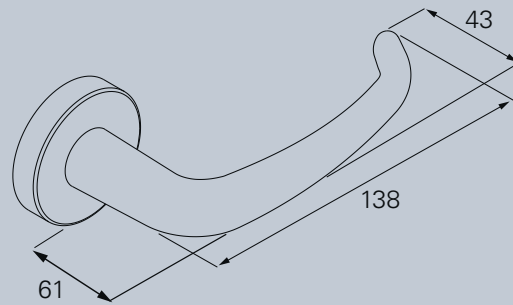
4	D9	-	B1	1	5	0	B / U
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■ Yes - No □ Option



Material:

ER ER
Stainless steel



Material:

ER ER
Stainless steel

AI AI
Aluminium

Bearing technology:



PRODUCT FAMILY D-400

Standard handle



D-410



D-490

Long- / short plate handle



D-410



D-410

Oval rose handle



D-410



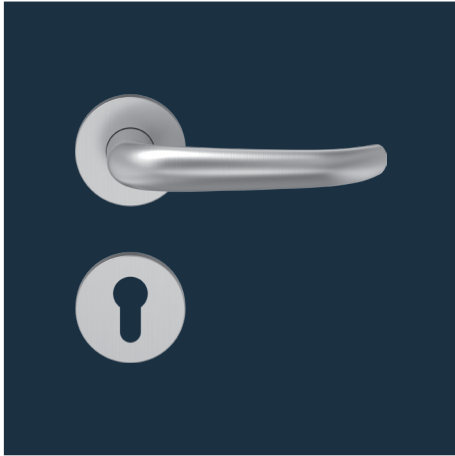
D-415

Window handle



F-410

D-410 Round rose



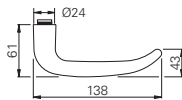
D-410 Round rose with OKL Magis – ball bearing technology

Object handle with maintenance-free closed bearing and integrated grooved ball bearing unit as lever guidance. 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. Positioning studs Ø 8 x 5 mm



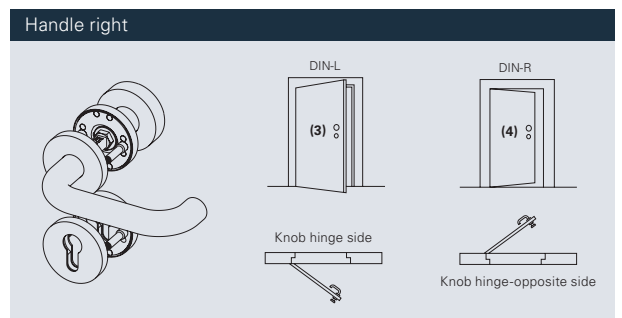
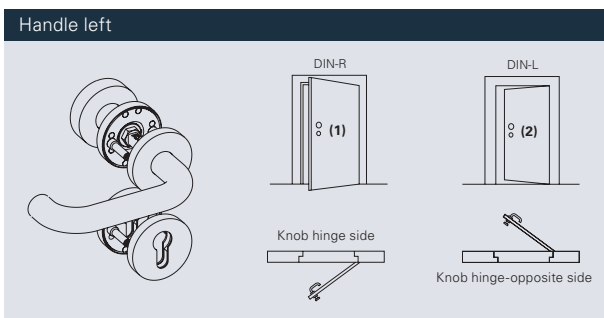
OKL MAGIS – ROUND ROSE HANDLE



F = 4 D9 - B1 1 5 0 B/U

				Sets							
	24 mm	8 mm		PZ	RZ	BB	WC-SK	K-135	K-165	K-160	K-116
DIN left / right useable				173405.46 97	173425.46 97	173400.46 97	173420.46 97	on request	on request	on request	on request
	(1) DIN right knob hinge side							173411.46 97	173431.46 97	173441.46 97	173481.46 97
	(2) DIN left knob hinge-opposite side							173411.46 97	173431.46 97	173441.46 97	173481.46 97
	(3) DIN left knob hinge side							173410.46 97	173430.46 97	173440.46 97	173480.46 97
	(4) DIN right knob hinge-opposite side							173410.46 97	173430.46 97	173440.46 97	173480.46 97
	24 mm	9 mm		PZ	RZ	BB	WC-SK	K-135	K-165	K-160	K-116
DIN left / right useable				373405.46 74	373425.46 74	on request	on request	on request	on request	on request	on request
	(1) DIN right knob hinge side							373411.46 74	373431.46 74	373441.46 74	373481.46 74
	(2) DIN left knob hinge-opposite side							373411.46 74	373431.46 74	373441.46 74	373481.46 74
	(3) DIN left knob hinge side							373410.46 74	373430.46 74	373440.46 74	373480.46 74
	(4) DIN right knob hinge-opposite side							373410.46 74	373430.46 74	373440.46 74	373480.46 74

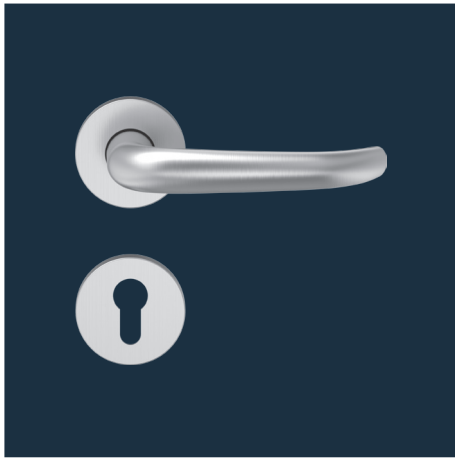
Finish: Stainless steel satin brushed, PVD and polished on request.
Execution panic, passive leaf (with positioning studs), passive leaf (without positioning studs) and blind on request.



Standard handle for door thicknesses: 38–45 mm. Fire protection doors door thicknesses: 44–66 mm. Door thicknesses 50–70 mm and 70–92 mm are also available.



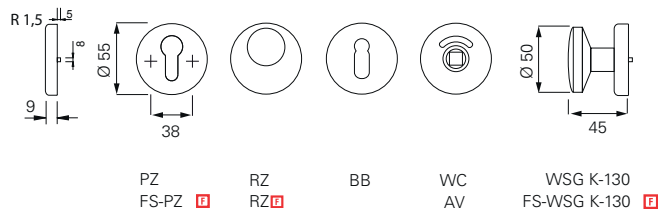
D-410 Round rose



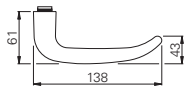
D-410 Round rose with OGL Click – friction bearing technology

Lever guidance in maintenance-free friction bearing integrated in steel-/ nylon base rose. With spring support. Lever with fixable bearing and ECO **CLICK** System for quick assembly. Steel base with positioning studs. DIN left / DIN right usable. Concealed, continuous M5 screw connection.

Utilization category class 4. Positioning studs $\varnothing 8 \times 5$ mm. Also available without positioning studs



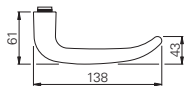
OGL CLICK – ROUND ROSE HANDLE



F = 4 7 - B1 1 4 0 A

OGL Click			Sets						Passive leaf sets		
	\varnothing	\sphericalangle									
	21 mm	8 mm		5030049311	5030049314	5030049312	5030049313	5030049315	5030049316		
	21 mm	9 mm		5030049317	5030049323	5030049318	5030049320	5030049327	5030049328	5030049392	5030049393
	21 mm	9 mm									

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

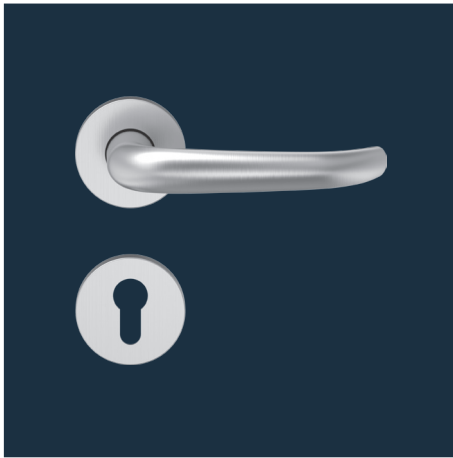


F = 4 7 - D1 1 4 0 A

OGL Click			Sets						Passive leaf sets		
	\varnothing	\sphericalangle									
	22 mm	8 mm		5030049496	5030049499	5030049497	5030049498	5030049501	5030049503		
	22 mm	9 mm		5030049504	5030049507	5030049505	5030049506	5030049512	5030049514	5030049517	5030049518
	22 mm	9 mm									

Finish: Aluminium anodized F1, further colours on request

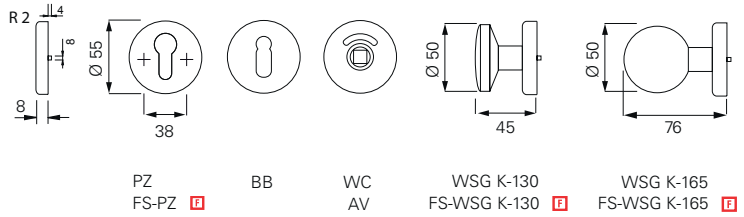
D-410 Round rose



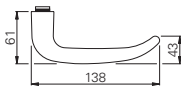
D-410 Round rose with OGL – friction bearing technology

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. Positioning studs Ø 8 x 5 mm.



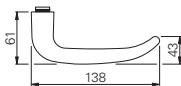
OGL – ROUND ROSE HANDLE



F = 4 7 - B1 1 4 0 U

		Sets						Passive leaf sets	
	8 mm		156305.46	156300.46	156310.46	156380.46	156320.46		
	9 mm	316803.46	356350.46		356380.46	356382.46		356356.46	356385.46 356384.46
	9 mm		356360.46						

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

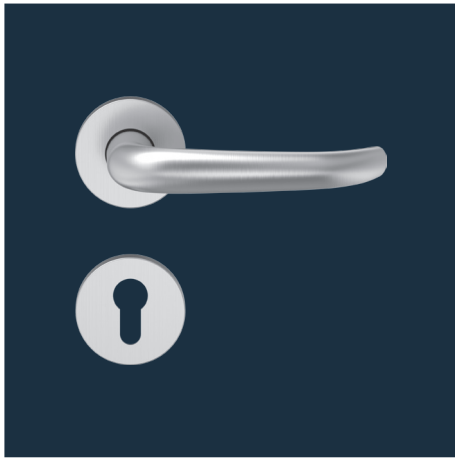


F = 4 7 - D1 1 4 0 U

		Sets						Passive leaf sets	
	8 mm		157305.30	157300.30	157310.30	157320.30			
	9 mm	317226.30	357350.30		357380.30		357355.30	357328.30	357327.30
	9 mm		357360.30						

Finish: Aluminium anodized F1, further colours on request

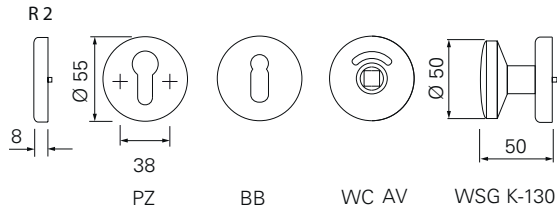
D-410 Round rose



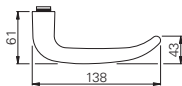
D-410 Round rose with SGL – friction bearing technology

Lever guidance in maintenance-free friction bearing integrated in nylon base rose. With spring support. Lever with fixable bearing and ECO **CLICK** System for quick assembly. Nylon base with positioning studs. DIN left / DIN right usable. Concealed, continuous M5 screw connection.

Utilization category class 3, Positioning studs Ø 8 x 7 mm



SGL – ROUND ROSE HANDLE

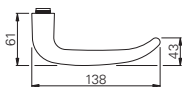


EN 1906

S = 3 7 - 0 1 4 0 A

		Sets			
S	8 mm	5030041592	5030041593	5030041597	5030041320

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



EN 1906

S = 3 7 - 0 1 4 0 A

		Sets			
S	8 mm	5030041599	5030041600	5030041601	5030041323

Finish: Aluminium anodized F1, further colours on request

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