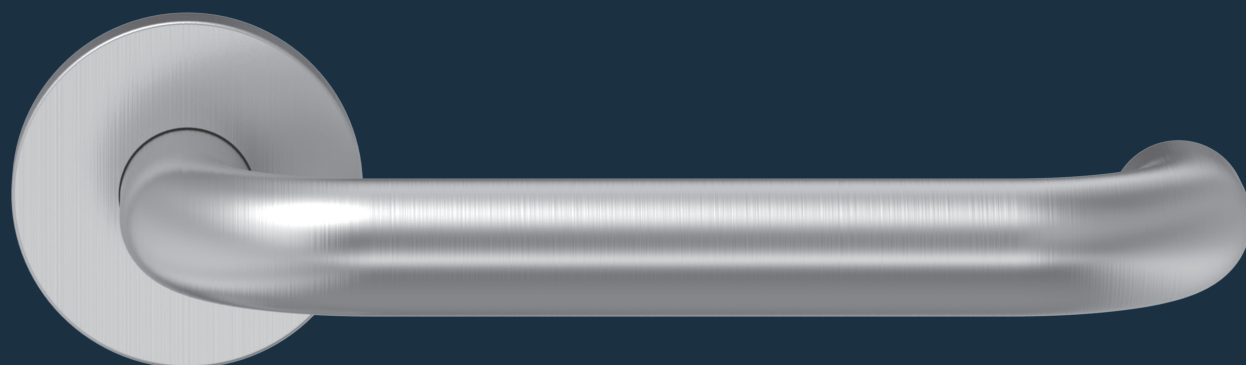


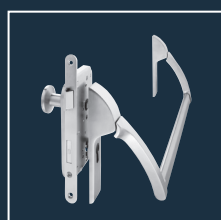
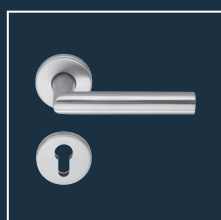
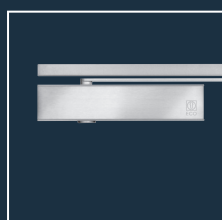


ECO D-190

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

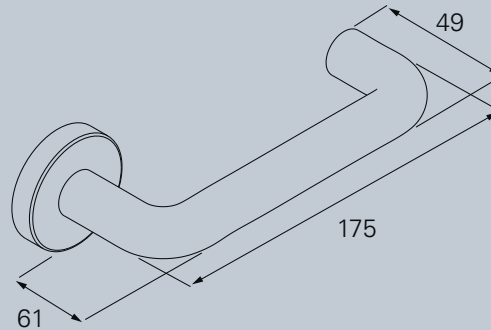
4	D9	-	B1	1	5	0	B / U
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■ Yes - No □ Option



Material:

ER ER
Stainless steel



Material:

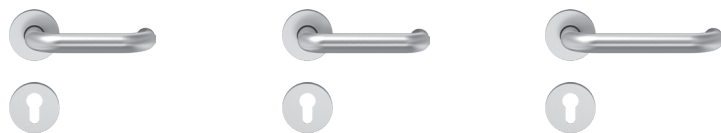
ER ER
Stainless steel

Bearing technology:



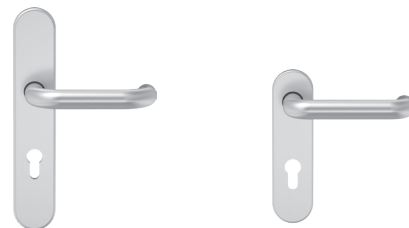
PRODUCT FAMILY D-100

Standard handle



D-110 D-120 D-190

Long- / short plate handle



D-110 D-110

Oval rose handle



D-115 D-116

Security handle



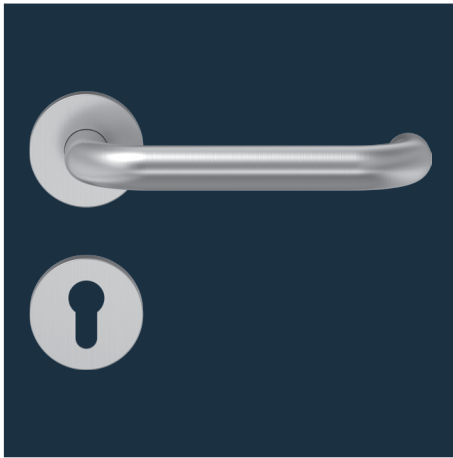
D-110 D-111 D-116

Window handle



F-110

D-190 Round rose



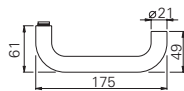
D-190 Round rose with OKL Magis – ball-bearing technology

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 $\varnothing 8 \times 5$ mm



OKL MAGIS – ROUND ROSE HANDLE



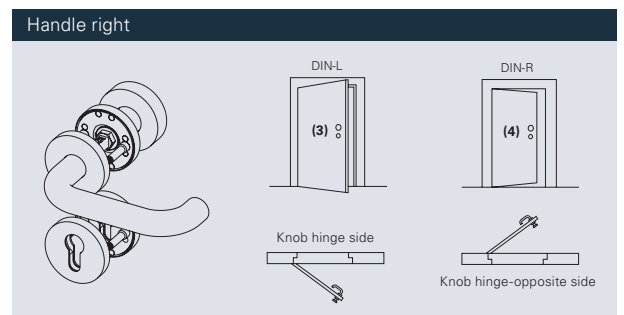
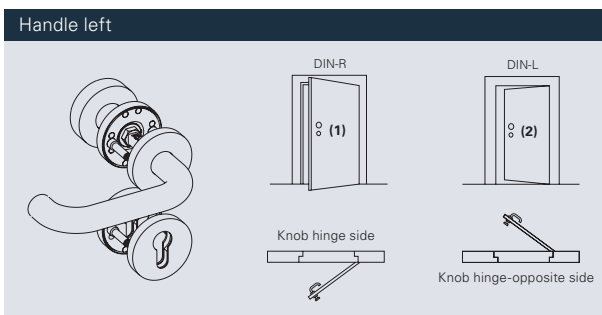
F	=	4	D9	-	B1	1	5	0	B / U
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				Sets							
S	\varnothing	∇		PZ	RZ	BB	WC-SK	K-135	K-165	K-160	K-116
	21 mm	8 mm		173105.46 97	on request	on request	173120.46 97	on request	on request	on request	on request
	DIN left / right useable										
	(1) DIN right knob hinge side						on request	173111.46 97	173131.46 97	173141.46 97	173181.46 97
	(2) DIN left knob hinge-opposite side						on request	173111.46 97	173131.46 97	173141.46 97	173181.46 97
	(3) DIN left knob hinge side						on request	173110.46 97	173130.46 97	173140.46 97	173180.46 97
	(4) DIN left knob hinge-opposite side						on request	173110.46 97	173130.46 97	173140.46 97	173180.46 97

F	\varnothing	∇		PZ	RZ	BB	WC-SK	K-135	K-165	K-160	K-116
	21 mm	9 mm		373105.46 74	on request			on request	on request	on request	on request
	DIN left / right useable										
	(1) DIN right knob hinge side							373111.46 74	373131.46 74	373141.46 74	373181.46 74
	(2) DIN left knob hinge-opposite side							373111.46 74	373131.46 74	373141.46 74	373181.46 74
	(3) DIN left knob hinge side							373110.46 74	373130.46 74	373140.46 74	373180.46 74
	(4) DIN left knob hinge-opposite side							373110.46 74	373130.46 74	373140.46 74	373180.46 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.



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