



SG

A range of locks for all requirements

It doesn't matter what sort of glass door needs securing, what function it has to fulfill, or the type of fittings specified – there will be a lock in the SG range which will provide the shape, the function and the finish which you require.

Simple glass preparation, firm fixing

DORMA-Glas has an intimate knowledge of the special properties of glass as a building material. This has led to the design of locks requiring only simple cut-outs or holes in the glass. Carefully considered and positive measures have been taken to create the maximum clamping surface with optimum clamping efficiency.

Reliability built in

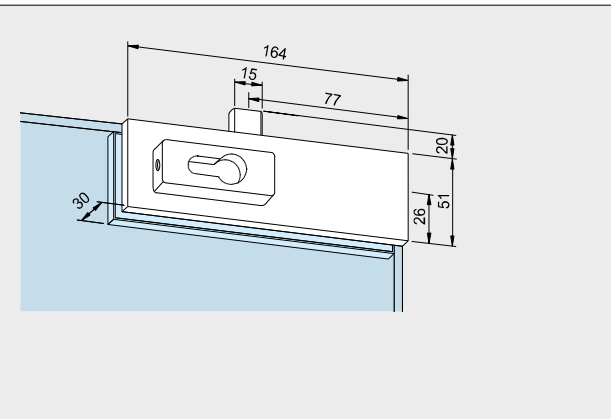
Quality materials and thorough workmanship mean that SG locks have the features necessary to meet the most demanding of specifications. Many satisfied customers will testify this. For safety reasons set lock case always on inside.

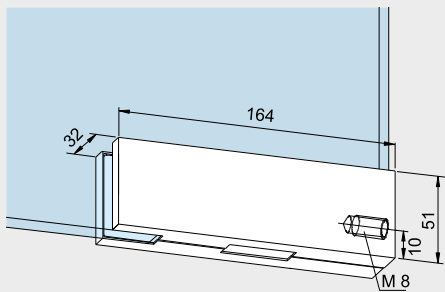
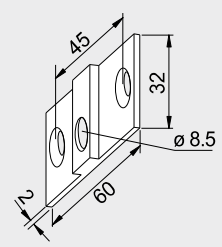
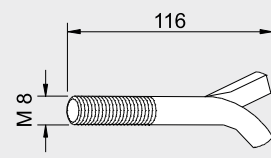
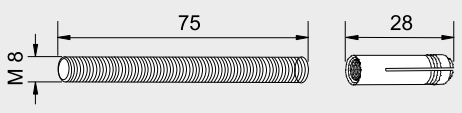
Short delivery times

All the common patterns and types are available ex-stock (factory). Special versions are available on request.

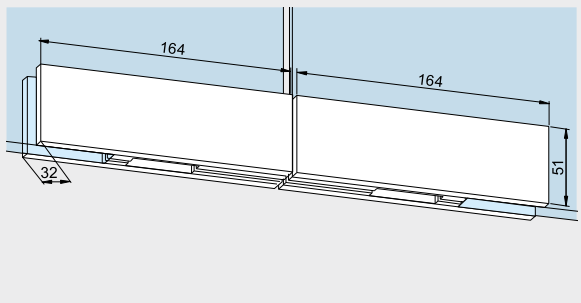
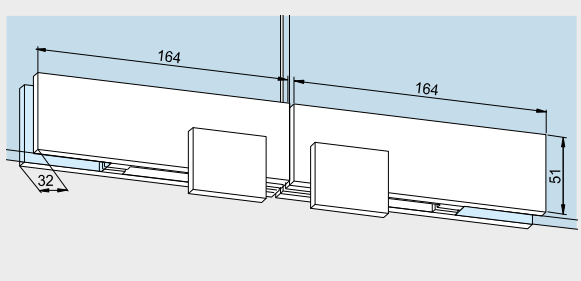
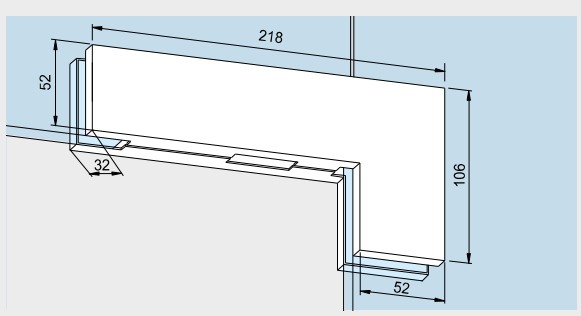
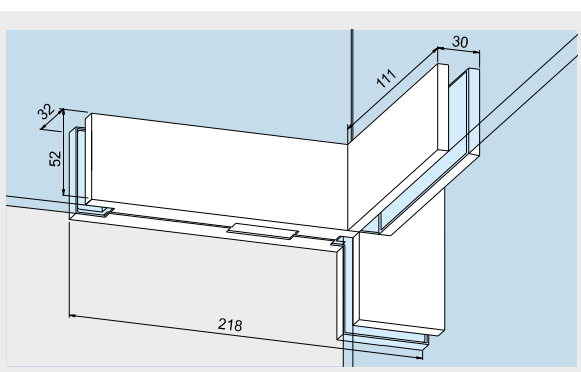
UNIVERSAL top, bottom, centre locks and strike boxes with glass cut-outs

Complete, for 10 mm glass thickness

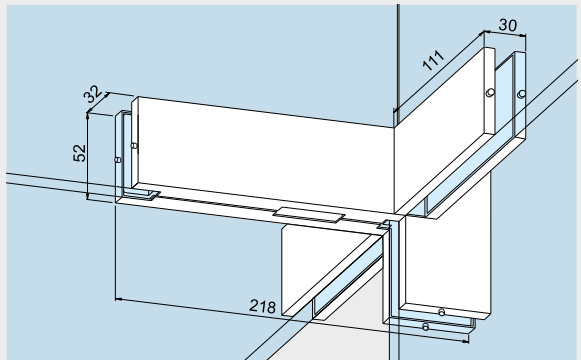
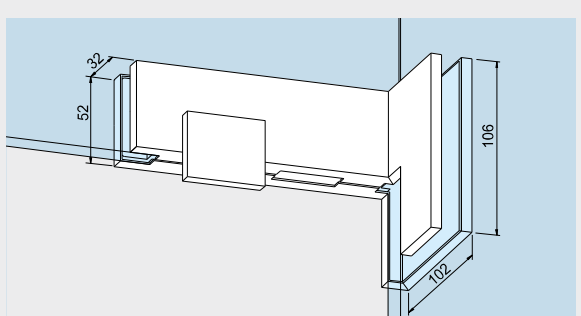
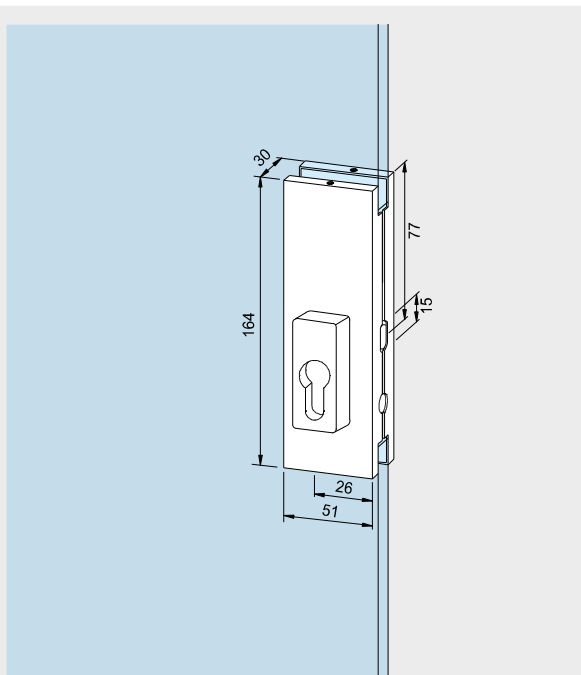
	Product description	Glass thickness	Art. No.
	US 10 corner lock, prepared for Europrofile cylinder, single throw, bolt projection 20 mm, with security rosettes on both sides, 14 mm thick. Suitable gaskets have to be used for systems with an 8 or 12 mm glass thickness. These are available on page 212.	10 mm	03.206
	Lock insert: <ul style="list-style-type: none"> • high corrosion resistance according to EN 1670, class 4 • with regard to type-test according to EN 12209:2003* Not illustrated: prepared for round cylinders	10 mm	03.340
	For half profile cylinder		
	left hand top/right hand bottom	10 mm	03.288 not illustr.
left hand bottom/right hand top	10 mm	03.287 not illustr.	
Weight in kg/m: Aluminum 0.942 Brass 1.061 Stainless steel 1.053			
* Successful type testing according to EN 12209:2003 to 200,000 movement cycles.			

	Product description	Glass thickness	Art. No.
	<p>GK 30 single overpanel strike box to suit US 10 corner lock</p> <p>Weight in kg: Aluminum 0.418 Stainless steel 0.536</p>	10 mm	03.230
	<p>Fixing plate for overpanel strike box GK 30 UNIVERSAL</p> <p>Weight in kg: Aluminum 0.016 Brass 0.038</p> <p>Stainless steel not available, satin chrome on brass supplied.</p>		03.128
	<p>Wall anchor with thread M 8 for overpanel patch UNIVERSAL</p> <p>Weight in kg: 0.040</p>		01.133
	<p>Threaded rod M 8 with plug for overpanel patch UNIVERSAL</p> <p>Weight in kg: 0.032</p>		01.134

* Left / right hand (illustration shows left hand) are determined by view from hanging side.

	Product description	Glass thickness	Art. No.
	<p>GK 20 double overpanel strike box to suit US 10 corner locks, consisting of two GK 30 with threaded connecting bolt</p> <p>Weight in kg: Aluminum 0.866 Brass 1.154 Satin stainless steel (700) 1.200</p> <p>Suitable for glass thicknesses up to max. 12 mm. If thicker glass is required, please talk first to our Applications Engineering people.</p>	10 mm	03.245
	<p>GK 20 with stop</p> <p>Weight in kg: Aluminum 0.926 Brass 1.234 Satin stainless steel (700) 1.192</p> <p>Suitable for glass thicknesses up to max. 12 mm. If thicker glass is required, please talk first to our Applications Engineering people.</p>		03.247
	<p>GK 40 corner overpanel strike box to suit US 10 corner lock</p> <p>Weight in kg: Aluminum 0.709 Brass 1.035 Stainless steel 1.010</p>		03.250
	<p>GK 41 strike box for PT 41, with fin fitting</p> <p>Weight in kg: Aluminum 0.906 Stainless steel 1.270</p>		*03.194/ 03.193

* Left / right hand (illustration shows left hand) are determined by view from hanging side.

	Product description	Glass thickness	Art. No.
	<p>GK 41 strike box with fin fitting on both sides</p> <p>Weight in kg: Aluminum 1.103 Stainless steel 1.411</p>		<p>03.195</p>
	<p>GK 42 strike box, angle 90°, for PT 42, with stop inside</p> <p>Weight in kg: Aluminum 0.910 Stainless steel 1.306</p> <p>Not illustrated: GK 42, angle 135°</p>		<p>*03.274/ 03.275</p> <p>*03.276/ 03.277</p>
	<p>US 20 centre lock, prepared for Europrofile cylinder, single throw, bolt projection 20 mm, with security rosettes 14 mm thick.</p> <p>Weight in kg: Aluminum 0.942 Brass 1.061 Stainless steel 1.053</p> <p>Lock insert:</p> <ul style="list-style-type: none"> • high corrosion resistance according to EN 1670, class 4 • with regard to type-test according to EN 12209:2003** <p>Weight in kg: Aluminum 0.805 Stainless steel 0.925</p> <p>prepared for round cylinder</p> <p>Prepared for one-sided Europrofile cylinder (see drawing 03.215)</p>	<p>10 mm</p>	<p>03.215</p> <p>03.345 not illustr.</p> <p>*03.290/ 03.289</p>

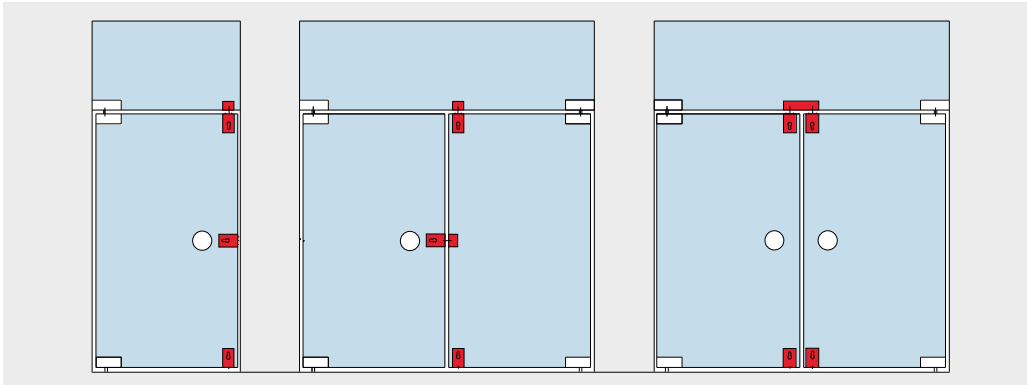
* Left / right hand (illustration shows left hand) are determined by view from hanging side.

** Successful type testing according to EN 12209:2003 to 200,000 movement cycles.

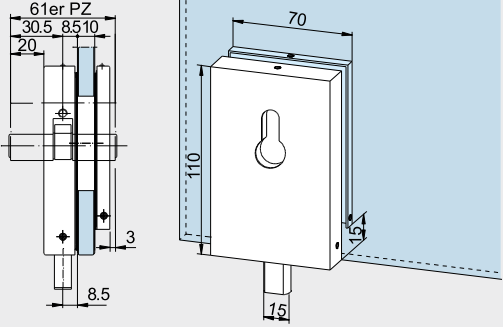
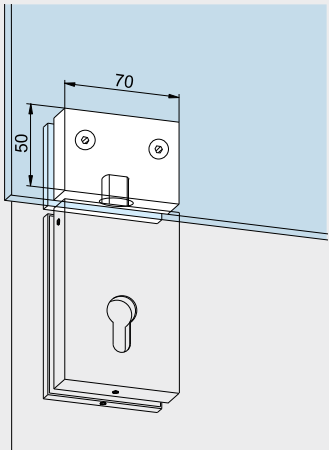
	Product description	Glass thickness	Art. No.
	<p>GK 50 strike box to suit US 20 centre lock</p> <p>Weight in kg: Aluminum 0.602 Brass 0.730 Stainless steel 0.727</p>	<p>10 mm</p>	<p>03.224</p>

Corner (OR centre) locks and strike boxes with drilled holes glass preparation

Complete for 8, 10 and 12 mm glass thickness

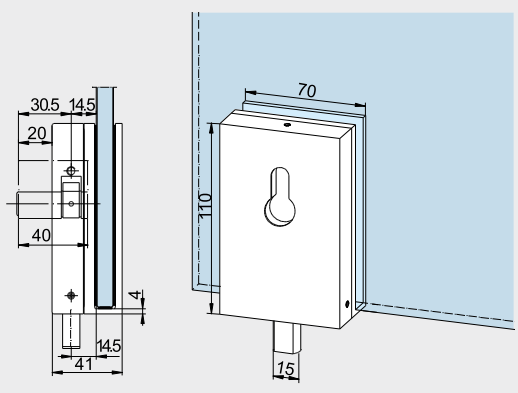
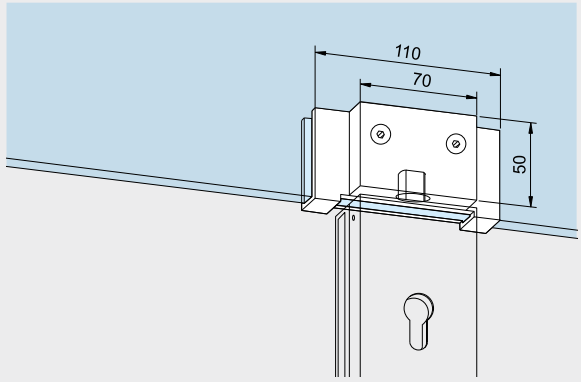
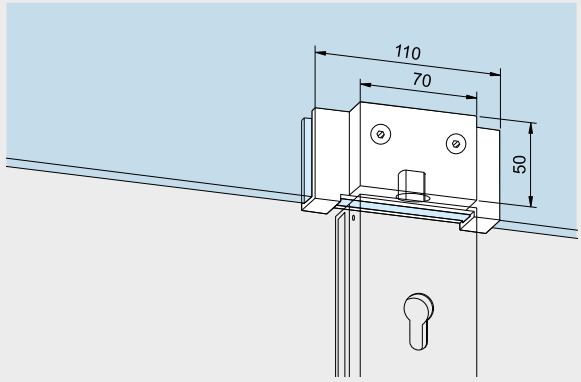


	Product description	Art. No.
	<p>Corner lock, for vertical or horizontal fixing, double throw, bolt projection 20 mm, hardened oval bolt, prepared for Europrofile cylinder</p> <p>Weight in kg: Aluminum 0.849 Brass 1.033</p> <p>prepared for round cylinders</p>	05.100
	<p>Weight in kg: Aluminum 0.842 Brass 1.020</p> <p>Prepared for one-sided Europrofile cylinder, lockable from inside</p>	05.105 not illustr.
	<p>Weight in kg: Aluminum 0.858 Brass 1.038</p>	05.116 not illustr.
	<p>Corner lock, prepared for Europrofile cylinder, rose inside</p> <p>Weight in kg: Aluminum 0.924 Brass 1.236</p>	05.118

	Product description	Art. No.
	<p>Corner lock, for vertical fixing, double throw, bolt projection 20 mm, hardened oval bolt, counterplate shortened to give 15 mm free glass edge, prepared for Europrofile cylinder</p> <p>Weight in kg: Aluminum 0.807</p> <p>Prepared for one-sided Europrofile cylinder, lockable from inside</p> <p>Weight in kg: Aluminum 0.818 Brass 0.984</p> <p>Prepared for Europrofile cylinder, rose inside</p> <p>Weight in kg: Aluminum 0.882 Brass 1.184</p>	<p>05.103</p> <p>05.117 not illustr.</p> <p>05.119 not illustr.</p>
	<p>Strike box to suit corner lock (05.100, 05.105, 05.116), for single and two panel doors without stop</p> <p>Weight in kg: Aluminum 0.260 Brass 0.765</p> <p>with stop for Art. No. 05.103, 05.117, 05.119</p> <p>Weight in kg: Aluminum 0.264 Brass 0.760</p>	<p>05.108</p> <p>05.109 not illustr.</p>

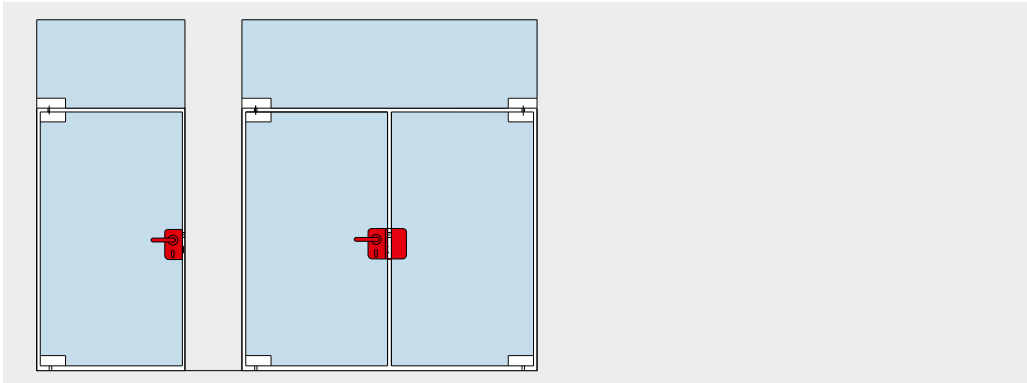
Corner and centre locks without glass preparation

Complete, for 10 and 12 mm glass thickness

	Product description	Glass thickness	Art. No.
	Slide over corner lock for single- and double-action doors for retrofitting, double throw, bolt projection 20 mm, hardened oval bolt, prepared for Europrofile cylinder	10 mm	05.106
	Special model for 8 mm glass also available. Weight in kg: Aluminum 0.740	12 mm	05.130
	prepared for Rundzylinder	10 mm	05.107
	Weight in kg: Aluminum 0.735		
	Slide over strike box for slide over corner lock for single door		
	Weight in kg: Aluminum 0.341		
	for Art. No. 05.106/05.107	10 mm	05.112
	for Art. No. 05.130/05.131	12 mm	05.132

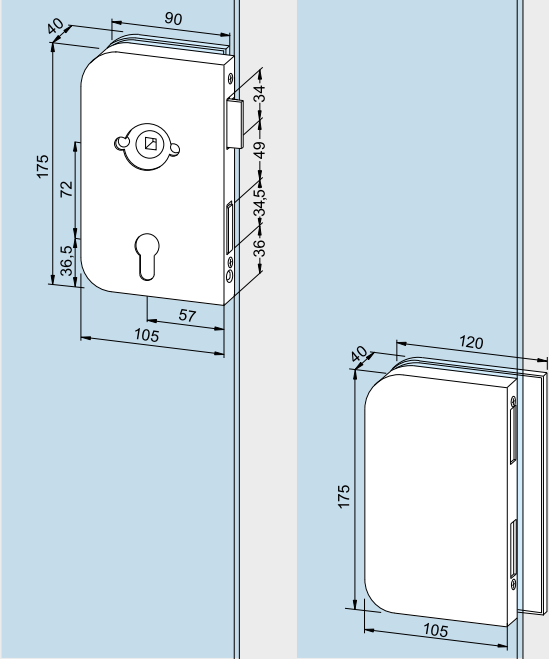
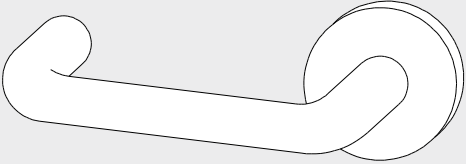
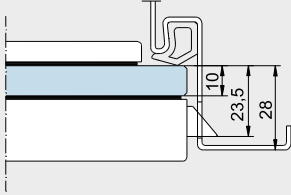
Centre locks and strike boxes

Complete, for 10 mm glass thickness



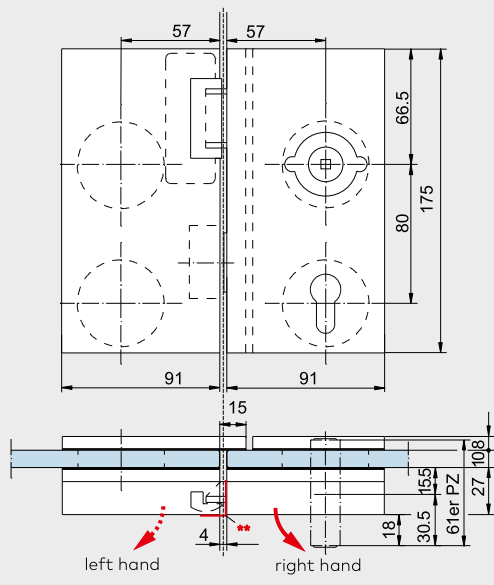
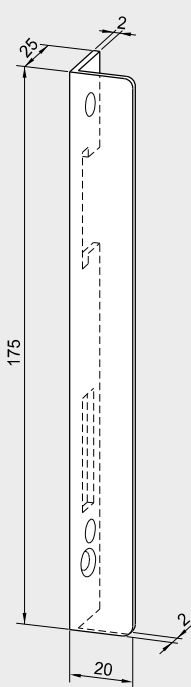
Centre locks and strike boxes
with drilled holes glass preparation

	Product description	Art. No.
	<p>Centre lock for single-action door (with free glass edge), prepared for Europrofile cylinder, double throw</p> <p>Weight in kg: Aluminum 1.060</p>	<p>*11.220/11.221</p>

	Product description	Art. No.
	<p>Centre lock for single-action door (with free glass edge), with both latch and lock bolt, prepared for lever on round rose inside, smooth blanking plate outside, prepared for Europrofile cylinder, double throw</p> <p>Weight in kg: Aluminum 1.175</p> <p>Strike box to suit centre locks for: Art. No. 11.224, 11.225 Art. No. 11.220, 11.221</p> <p>Weight in kg: Aluminum 0.945</p>	<p>*11.224/11.225</p> <p>*11.203/12.207</p>
	<p>Lever handle, for inside to suit centre locks for: Art. No. 11.224, 11.225, Art. No. 11.254, 11.255</p> <p>Weight in kg: Aluminum 0.195</p>	<p>11.226</p>
	<p>If used on glass doors in rebated frames and for 10 mm glass thickness, a minimum of 26–28 mm frame depth is needed.</p> <p>* Left / right hand (illustration shows left hand) are determined by view from hanging side.</p>	

	Product description	Art. No.
	<p>Hook lock for sliding doors, nightlatch function, suitable for aluminum lever handles with round roses (10.307), prepared for Euro-profile cylinder, left hand and right hand, with lock keeper plate</p> <p>Weight in kg: Aluminum 1.325</p>	<p>05.200</p>
	<p>Suitable for lever handles with follower</p> <p>Weight in kg: Aluminum 1.325</p> <p>Strike box to suit hook lock, (05.200, 05.202), non-handed</p> <p>Weight in kg: Aluminum 0.890</p>	<p>05.202</p> <p>05.201</p>

* Left / right hand (illustration shows left hand) are determined by view from hanging side.

	Product description	Art. No.
	<p>Centre lock with latch and lock bolt, for inward opening single-action doors, prepared for lever on round rose inside, smooth blanking plate outside, prepared for Europrofile cylinder</p> <p>Weight in kg: Aluminum 1.090</p> <p>Suitable lever handle see page 199</p> <p>Centre lock with latch and lock bolt, for inward opening single-action doors, prepared for rose lever on both sides, prepared for Europrofile cylinder</p> <p>Weight in kg: Aluminum 1.090</p> <p>Strike box, to suit centre lock with latch and lock bolt, with electric strike release (Standard: fail secure function, 6 to 12 V +/-, with mechanical unlock. Further types on request.) (for Art. No. 05.224, 05.225)</p> <p>Weight in kg: Aluminum 0.595</p>	<p>*05.224/05.225</p> <p>11.226</p> <p>*05.228/05.229</p> <p>*05.226/05.227</p>
 <p>LH/ISO 6 door illustrated.</p>	<p>Angle bracket for centre locks (opening to outside)</p> <p>Weight in kg: 0.040</p>	<p>*05.218/05.219</p>

* Left / right hand are determined by view from hanging side.
** Angle bracket (05.218/05.219) for door opening outwards (optional)

Locks with panic function, opening to outside

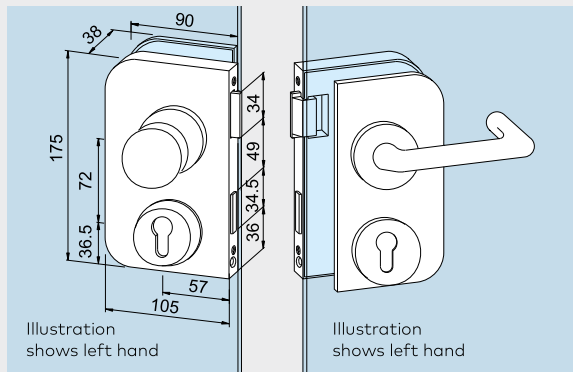
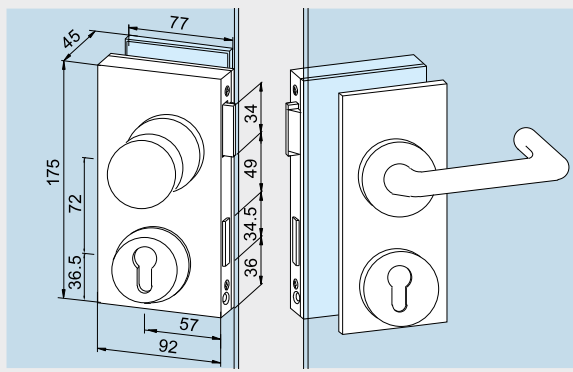
for 8 and 10 mm glass thickness

Operation outside: Bolt is unlocked by turn of key, and latch is withdrawn by follower.

Operation inside: Lock can be operated by rose lever handle even when bolt is locked.

Not for emergency exit doors according to German Standard DIN EN 179 or DIN EN 1125 (corresponding modifications in preparation)

For best protection against burglary we recommend the use of the angle bracket (05.218/05.219)

	Product description	Art. No.
	<p>Centre lock with both latch and lock bolt, rose lever on inside and fixed knob (without function) on outside. Prepared for Europrofile cylinder with roses</p> <p>Weight in kg: Aluminum 1.706</p> <p>Please use strike box 11.206/11.207.</p>	<p>*05.240/05.241</p>
	<p>For strike boxes with electric strike release</p> <p>Centre lock with both latch and lock bolt, with angled cover, for door opening outwards (not shown), rose lever on inside and fixed knob (without function) on outside. Prepared for Europrofile cylinder with roses. Lockable into strike boxes with electric strike release for Art. No. 05.226/05.227</p> <p>Weight in kg: Aluminum 2.900</p>	<p>*05.244/05.245</p>

*Left / right hand are determined by view from hanging side.

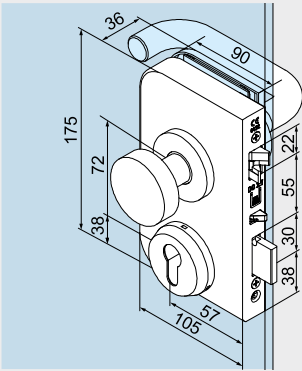
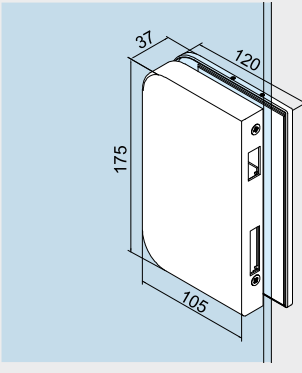
Self-locking panic locks, opening to outside

for 8 and 10 mm glass thickness

Operation outside: Bolt is unlocked by turn of key, and latch is withdrawn by follower.

Operation inside: Lock can be operated by rose lever handle even when bolt is locked.

For emergency exit doors according to German Standard DIN EN 179.

	Product description	Art. No.
	<p>Centre lock OFFICE Junior SVP 5000 with both latch, lock bolt self-locking function rose lever on inside and fixed knob (without function) on outside. Prepared for Europrofile cylinder with roses</p> <p>Weight in kg: Aluminum 1.706</p>	*05.250/05.251
	<p>Strike box for self-locking panic lock 05.250/05.251</p> <p>Weight in kg: Aluminum 1.486</p>	*05.252/05.253

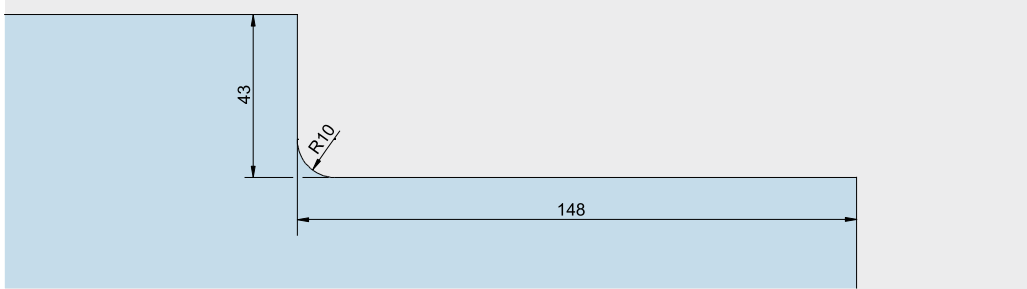
Please note:

For frame applications with 8 mm TSG a rebate depth of min. 26 mm required. With 10 mm TSG, a fold depth of at least 28 mm required.

*Left / right hand are determined by view from hanging side.

Additional exit devices for glass doors with panic function covered by approval certification can be found in the technical documentation of PHA 2000 and Exit Pad

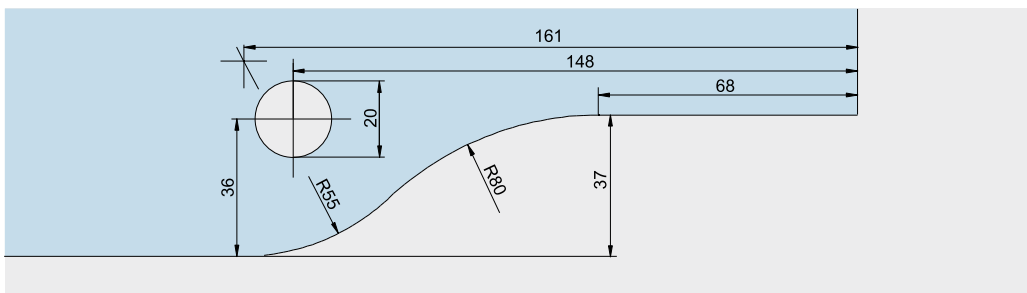
Glass preparation locks



US 10

Corner locks
Art. No. 03.206,
03.285, 03.287,
03.288, 03.340

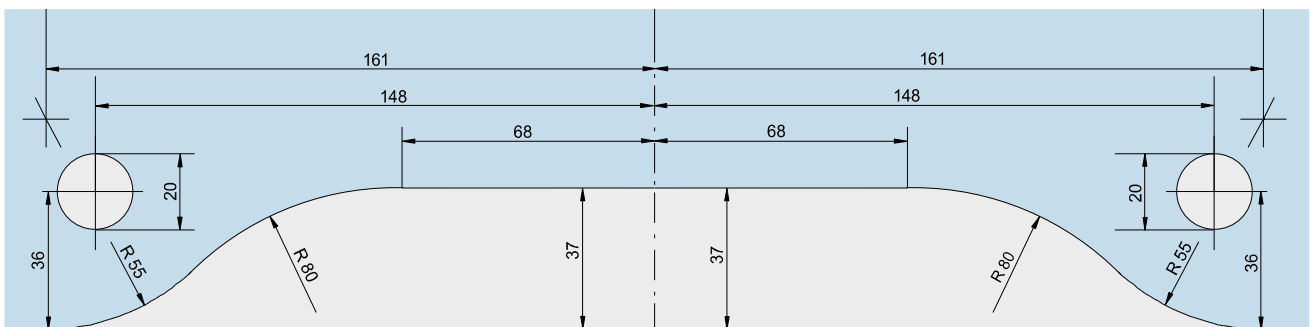
Scale 1 : 2



GK 30 (PT 30)

Single overpanel
strike box
Art. No. 03.230,

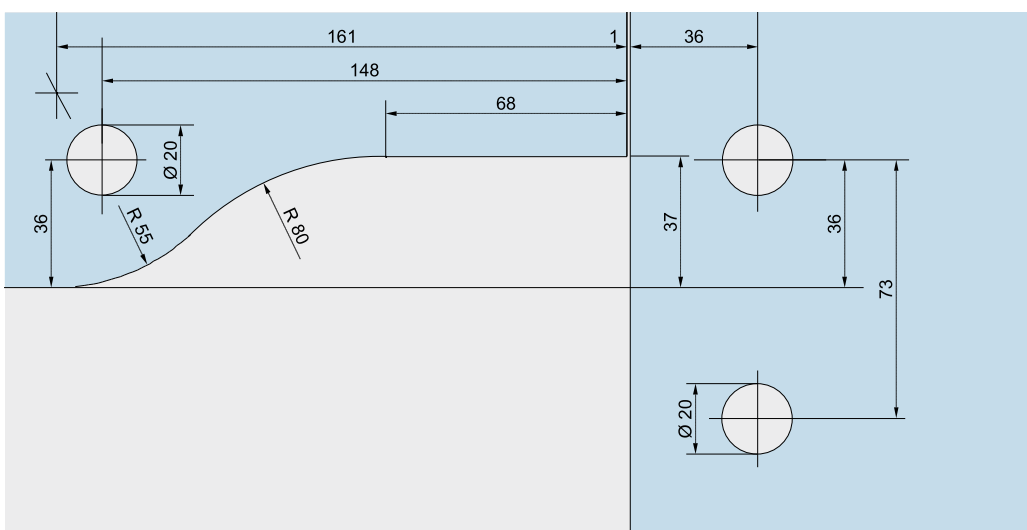
Scale 1 : 2



GK 20

Double overpanel
strike box
Art. No. 03.245,
03.247

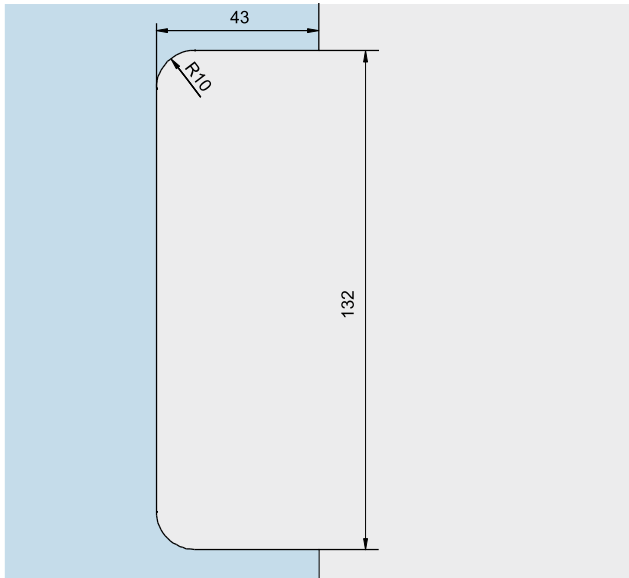
Scale 1 : 2



GK 40 (PT 40)

Corner overpanel
strike box
Art. No. 03.250,

Scale 1 : 2

**US 20, GK 50**

Centre lock

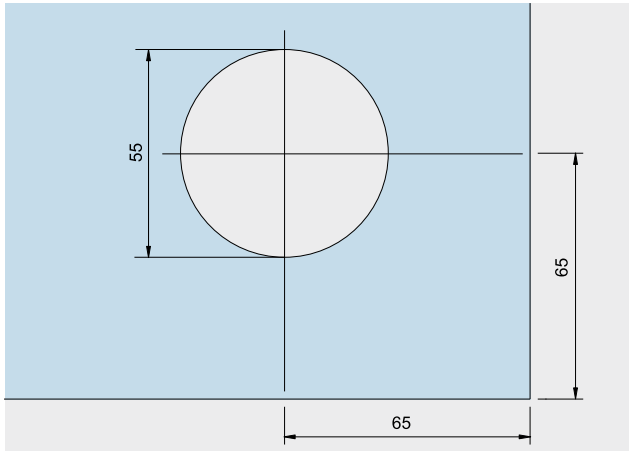
Art. No. 03.215, 03.289, 03.290, 03.345

and strike box for centre lock

Art. No. 03.224

Scale 1 : 2

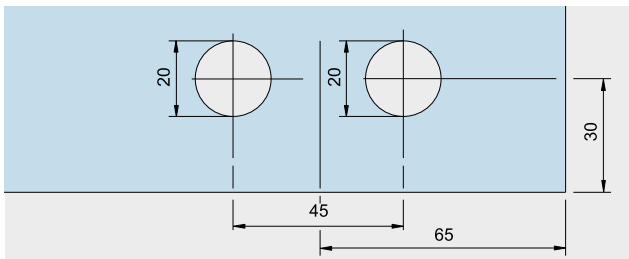
Glass preparation for corner, centre locks and strike boxes, requiring drilled holes



Corner locks

Art. No. 05.100, 05.103, 05.105, 05.116, 05.117, 05.118, 05.119

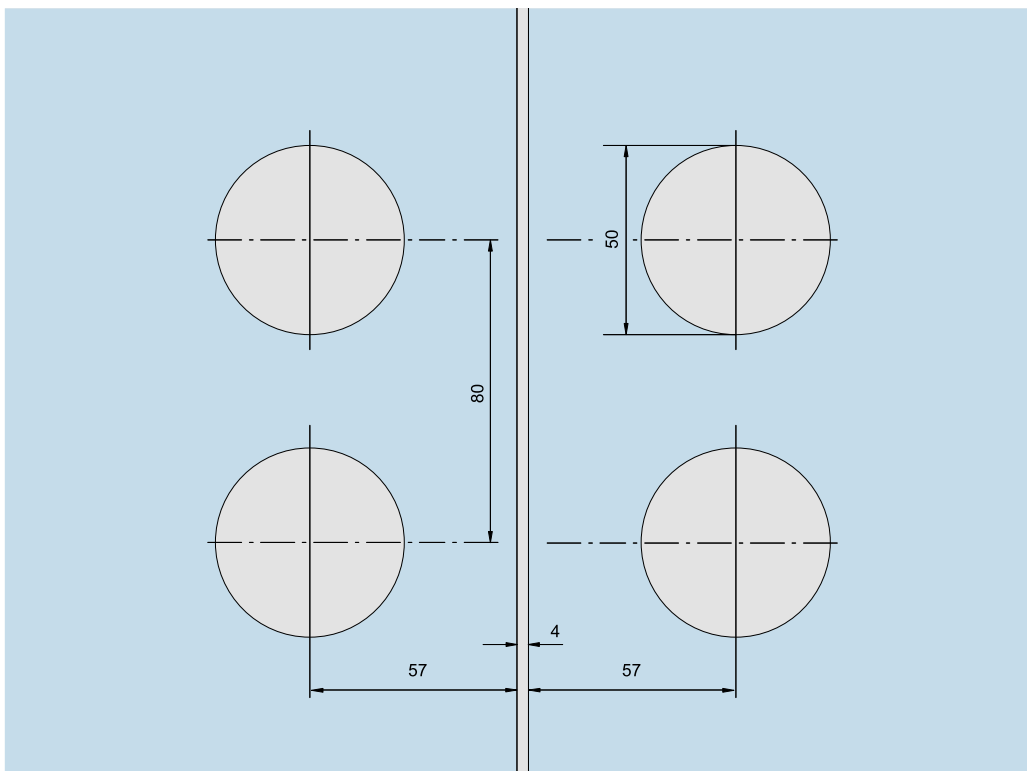
Scale 1 : 2



Strike boxes

Art. No. 05.108, 05.109

Scale 1 : 2

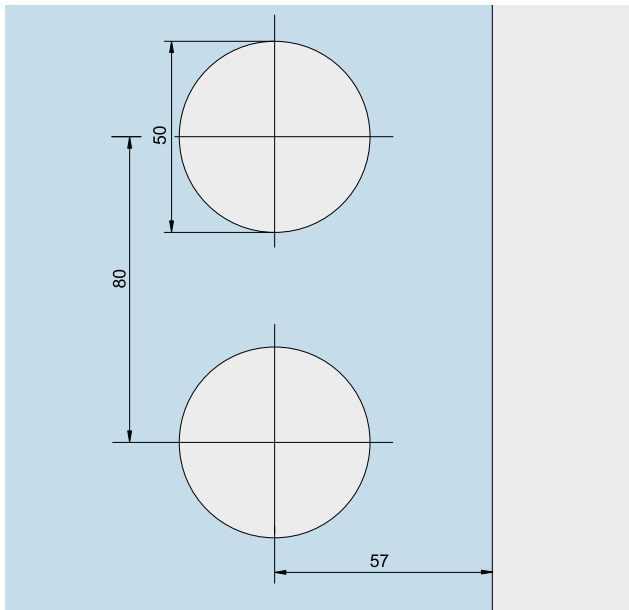


Centre locks with latch and lock bolts, and strike boxes

Art. No. 05.224, 05.225, 05.226, 05.227, 05.240, 05.241, 05.244, 05.245, 05.250, 05.251, 05.252, 05.253

Scale 1 : 2

Glass preparation for centre locks and strike boxes, requiring drilled holes



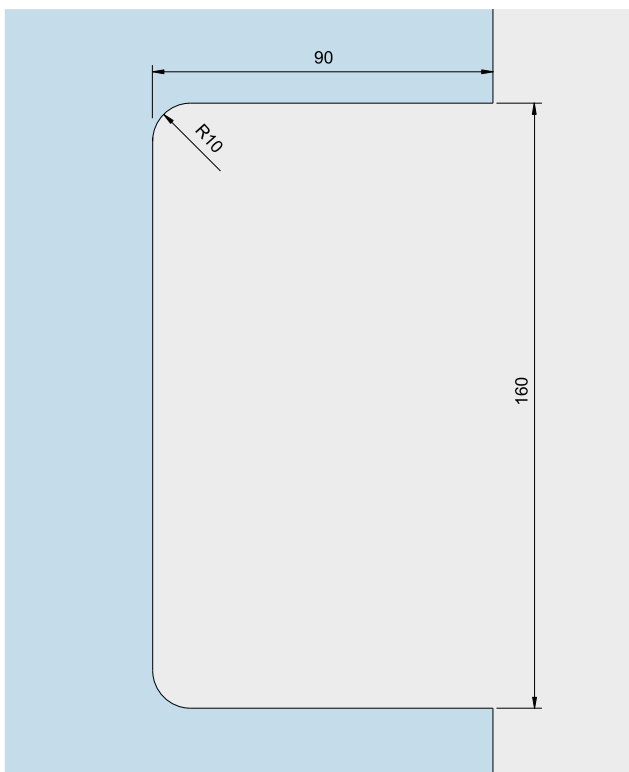
Centre locks

Art. No. 05.250, 05.251, 11.216, 11.217, 11.220, 11.221, 11.224, 11.225

Strike boxes for centre locks

Art. No. 05.252, 05.253, 11.206, 11.207

Scale 1 : 2



Centre locks with nightlatch function, hook bolts and strike boxes

Art. No. 05.200, 05.201, 05.202

Scale 1 : 2