

Moving Details.

TECHNICAL BROCHURE

Manual Single- and Double-Action Door Systems

Issue 2022

dg DORMA
GLAS®

Content

Single-Action Door Systems



08 **STUDIO Rondo**



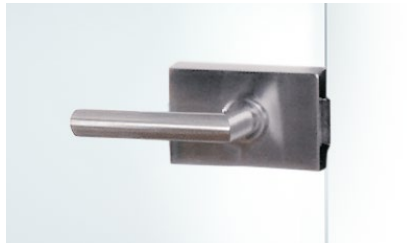
24 **STUDIO Classic**



34 **STUDIO Gala 2.0**



42 **STUDIO Arcos**



52 **STUDIO Medio**



60 **OFFICE Junior**

IMPORTANT NOTICE:

DORMA-Glas GmbH is part of the Aliante group, a global industrial group with presences in Europe, Middle East and North America and is therefore not part of the dormakaba group since 31 October 2021. dormakaba has agreed to permit employees of DORMA-Glas GmbH use of their dormakaba email addresses and referring to DORMA-Glas GmbH's product offering on the dormakaba website for a short period of time solely for the purpose of uninterrupted business conduct. DORMA-Glas GmbH can no longer make legally binding declarations for the dormakaba Group, but only for DORMA-Glas GmbH.



Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations.

Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impacts through its entire life cycle, dormakaba provides Environmental Product Declarations (EPDs), in which the results of the life cycle assessment (LCA) are presented.

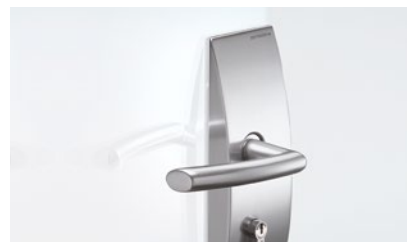
Single-Action Door Systems



68 OFFICE Classic



76 OFFICE Mundus



82 OFFICE Arcos



92 Special hinges



98 Accessories



112 Lever range

Double-Action Door Systems



120 BEYOND



130 TENSOR



140 RP



146 Accessories



Fittings for single- and double- action doors offering unlimited possibilities for you to choose

Simple glass preparation

With its expertise in glass technology, DORMA-Glas has designed the fittings so that the preparation of the glass is limited to the drilling of simple and quick holes in the glass. Sophisticated design features ensure optimal clamping.

Reliable operating features

High-quality materials and a robust design offer the guarantee of outstanding operating features and high reliability.

Limited suitability for use in swimming pools, saunas and brine baths

Because of the possible presence of chemicals (e.g. chlorine) in the air at swimming pools, saunas and brine baths, the fittings are not suitable for use in these areas.

OFFICE locks comply to the current DIN EN 12209

(designed for use in public buildings).

Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.

STUDIO locks according to DIN EN 12209 tested

Type-test with 200,000 latch and 200,000 locking bolt operating cycles.

Please note that STUDIO Medio locks are not designed for use in public buildings, rather only for use in private areas.

Features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO Medio
max. door weight, kg (depends on hinge)	45, 50, 60	45, 50, 60	45, 50, 60	45, 50, 60	*
max. door panel width, mm	1,091 ¹⁾	1,091 ¹⁾	1,091 ¹⁾	1,091 ¹⁾	*
max. door panel height, mm	Standard frames ^{1) 3)}	Standard frames ^{1) 3)}	Standard frames ^{1) 3)}	Standard frames ^{1) 3)}	Standard frames ^{1) 3)}
Glass type	TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG
Glass thicknesses in mm	8/10	8/10	8/10	8/10	8/10
Frame depth, standard, mm	24, 40	24	24	24, 40	*
Lock types					
Low-noise "Whisper" functionality (Whisper latch = latch head partially plastic-sheated / damped latch motions)	●	●	●	●	
Adjustable lever handle follower +/- 1° for OFFICE Adjustable lever handle follower +1,5/- 1° for STUDIO to avoid "hanging follower"	●	●	●	●	
Non-locking latch	●	●	●	●	●
Non-locking latch, with levers forward	●	●	●	●	
Prepared for Europrofile cylinder	●	●	●	●	
External compliance approval to DIN EN 12209	●	●	●	●	
Prepared for round profile cylinder	●	●		●	
Warded lever lock with nightlatch function	●	●	●	●	
Warded lever lock without nightlatch function					
Bathroom lock function	●	●		●	
Strike box for double doors	●	●		●	●
Lock designs					
With follower for door levers without roses	●	●	●	●	●
For door levers with roses	●	●			
Hinge designs					
For frame pivots	●	●	●	●	
With frame pivot for aluminum frame	●				
With frame pivot for timber frame	●	●	●	●	
With frame pivot for steel frame	●	●	●	●	
For object doors					
For fixing to side panels	●				
Single-/ double-action door					
Door closer / self-closing	○	○	○	○	○
Page					
	8	24	34	42	52

1) For other possible glass panel widths, glass heights, glass thicknesses and rebate depths, please consult our Application Engineering department.

The glass dimensions may differ due to the following factors: type of installation, glass tolerances, general use.

2) LSG is possible in special version with MUNDUS premium fittings

3) max. 2,125 mm standard dimension / max. 2,108 mm frame rebate dimension

4) max. 2,750 mm standard dimension (2,733 mm frame rebate dimension), from 2,250 mm height standard dimension (2,233 mm frame rebate dimension) use third door hinge

● Standard ○ Optional

OFFICE Junior	OFFICE Classic	OFFICE Mundus	OFFICE Arcos	Special hinges	BEYOND	TENSOR	RP Patch fittings
55, 70, 80	55, 70, 80	55, 70, 80	55, 70, 80	30, 35, 45, 55, 70, 80	80	65	80/110
1,091, 1,216 ¹⁾	1,091, 1,216 ¹⁾	1,091, 1,216 ¹⁾	1,091, 1,216 ¹⁾	1,100 ¹⁾	1,000/1,200	1,000 ¹⁾	1,100, 1,250 ¹⁾
Standard frames ^{1) 4)}	Standard frames ^{1) 4)}	Standard frames ^{1) 4)}	Standard frames ^{1) 4)}		2,200 ¹⁾	2,500 ¹⁾	2,500
TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG	TSG	TSG	TSG	TSG ²⁾
8/10	8/10	8/10	8/10	8/10	10/12	8/10/12	8/10/12/13.5
24, 40 ¹⁾	24, 40	24, 40	24, 40				
●	●	●	●				
●	●	●	●				
●	●	●	●				
●	●	●	●				
●	●	●	●				
●	●		●				
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●	●		●				
●	●	●	●				
●	●	●	●			●	●
						●	
SA	SA	SA	SA	SA	SA / DA	DA	SA / DA
○	○	○	○		●**	●	●
60	68	76	82	92	120	130	140

* depending on the used door hinge

** As a double-action door only to use with BTS.

Content

STUDIO Rondo

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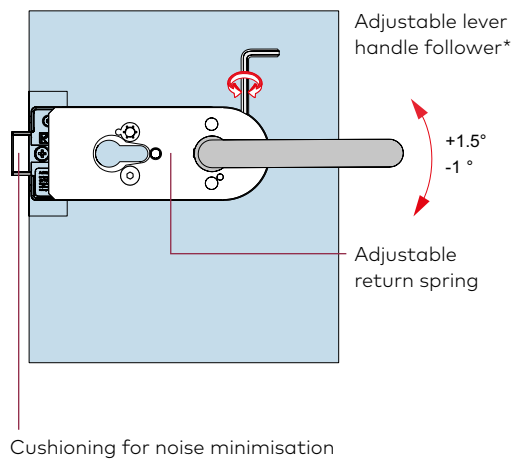
STUDIO Rondo

Technical features

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations. Adjustable lever handle follower $+1,5^{\circ} / -1^{\circ}$, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of „lever handle sag“ droop	●	●	●	●
Low-noise “whisper” functionality	●	●	●	●
Adjustable return spring	●	●	●	●
Spring-assisted clamp follower	●	●	●	●
Compliance approval to DIN EN 12209	●	●	●	●
Lock types				
Non-locking latch	●	●	●	●
Non-locking latch, with levers forward	●	●	●	●
Prepared for Europrofile cylinder	●	●	●	●
Prepared for round profile cylinder	●	●		●
Warded lever lock with nightlatch function	●	●	●	●
Bathroom lock function	●	●		●

New standard lock functions



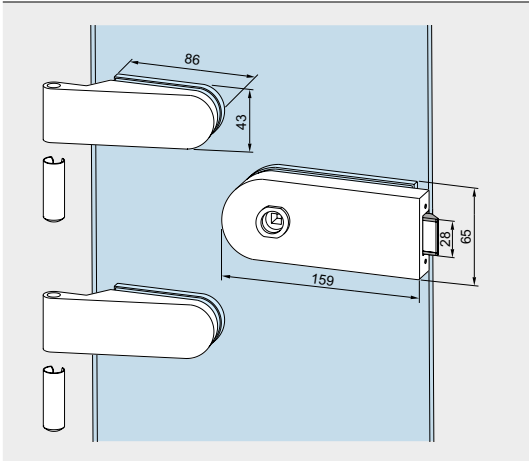
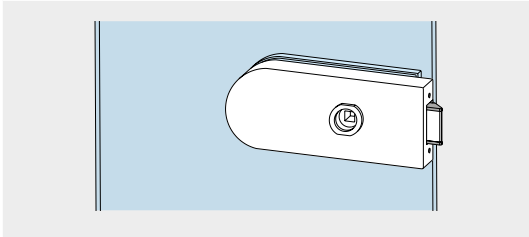
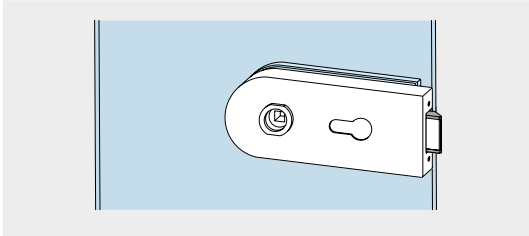
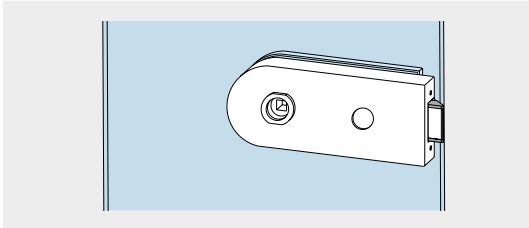
Complete doorsets for 8 and 10 mm glass thickness, locks with follower

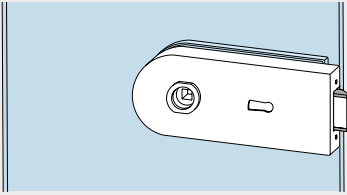
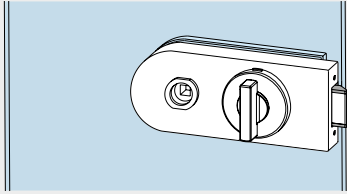
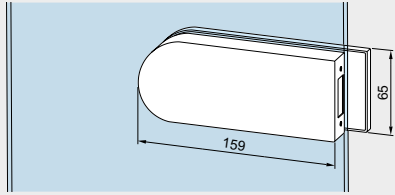
Complying to DIN EN 12209 (see page 5).

Door weight max. 60 kg, door width max. 1,000 mm.
Rebate depth 24 mm (for 8 mm glass thickness or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), 26 mm (for 10 mm glass thickness).

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

Hinges also prepared for rebate depth 28 – 40 mm available, see page 20 and following.

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges non-locking lock, hinges with sleeves, extended colour options	8 mm	10.100
	Weight in kg: Aluminum 1.580 Brass 2.485	10 mm	10.130
	Lock with 2 hinges non-locking lock for lever forward, hinges with sleeves, extended colour options	8 mm	10.101
	Weight in kg: Aluminum 1.625 Brass 2.505	10 mm	10.131
	Lock with 2 hinges lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves, extended colour options	8 mm	10.102
	Weight in kg: Aluminum 1.565 Brass 2.465	10 mm	10.132
	Lock with 2 hinges lock prepared for round profile cylinder, nightlatch function, hinges with sleeves, extended colour options	8 mm	10.108
	Weight in kg: Aluminum 1.563	10 mm	10.129

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges lever lock, nightlatch function, 2 keys supplied, hinges with sleeves, extended colour options Weight in kg: Aluminum 1.630 Brass 2.530	8 mm	10.103
		10 mm	10.133
	Lock with 2 hinges WC-toilet door, hinges with sleeves, extended colour options Weight in kg: Aluminum 1.745 Brass 2.755	8 mm	10.106
		10 mm	10.134
	Strike box with 2 hinges for pairs of doors, hinges with sleeves, extended colour options Weight in kg: Aluminum 1.380 Brass 2.295	8 mm	10.120
		10 mm	10.125

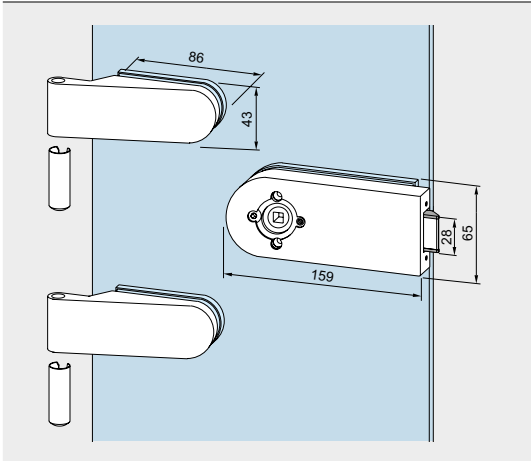
Complete doorsets for 8 mm glass thickness, locks for levers with roses

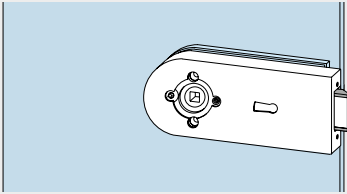
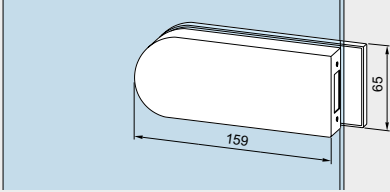
Complying to DIN EN 12209 (see page 5).

Hinges also prepared for rebate depth 28 – 40 mm available, see page 20 and following.

Door weight max. 60 kg, door width max. 1,000 mm.

Rebate depth 24 mm (for 8 mm glass thickness).

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges non-locking lock, hinges with sleeves Weight in kg: Aluminum 1.580	8 mm	10.110
	Lock with 2 hinges non-locking lock for lever forward, hinges with sleeves Weight in kg: Aluminum 1.585	8 mm	10.111
	Lock with 2 hinges lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves Weight in kg: Aluminum 1.565	8 mm	10.112
	Lock with 2 hinges lock prepared for round profile cylinder, nightlatch function, hinges with sleeves Weight in kg: Aluminum 1.563	8 mm	10.118

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges lever lock, nightlatch function, 2 keys supplied, hinges with sleeves Weight in kg: Aluminum 1.575	8 mm	10.113
	Strike box with 2 hinges for pairs of doors, hinges with sleeves Weight in kg: Aluminum 1.380	8 mm	10.120

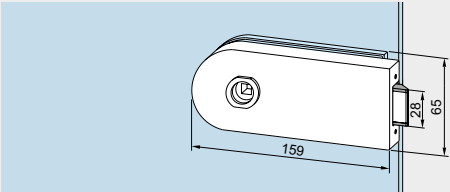
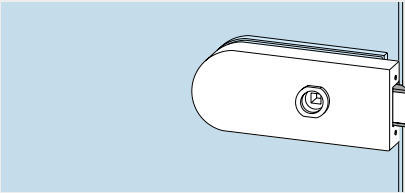
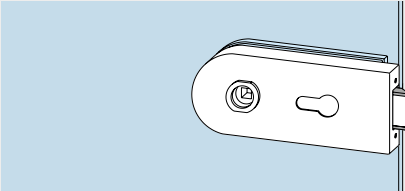
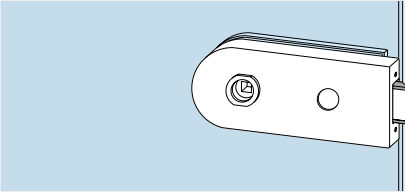
Locks with follower

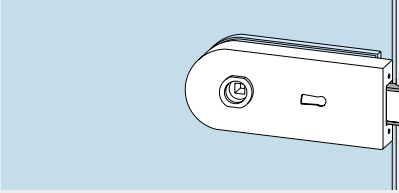
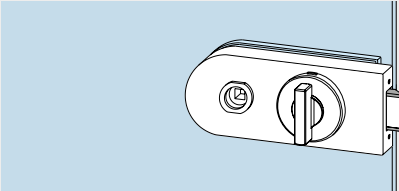
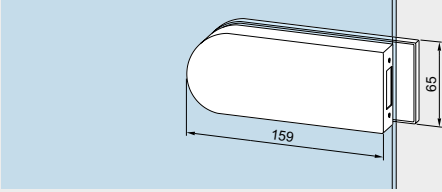
Complying to DIN EN 12209 (see page 5).

Locks for 8 mm glass thickness (or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

Hinges also prepared for rebate depth 28 – 40 mm available, see page 20 and following.

	Product description	Art. No.
	Lock non-locking, extended colour options Weight in kg: Aluminum 0.840 Brass 1.055	10.200
	Lock non-locking, with follower forward, extended colour options Weight in kg: Aluminum 0.845 Brass 1.055	10.201
	Lock prepared for Europrofile cylinder, nightlatch function, extended colour options Weight in kg: Aluminum 0.815 Brass 1.030	10.202
	Lock prepared for round profile cylinder , nightlatch function, extended colour options Weight in kg: Aluminum 0.813	10.207

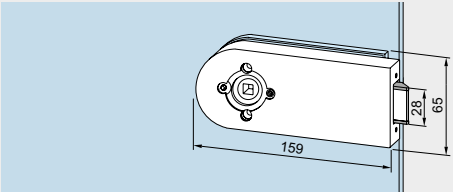
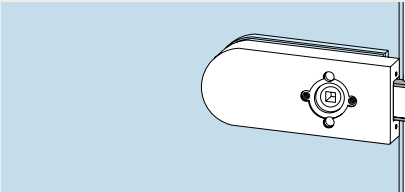
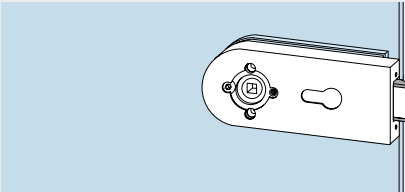
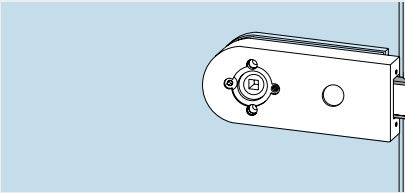
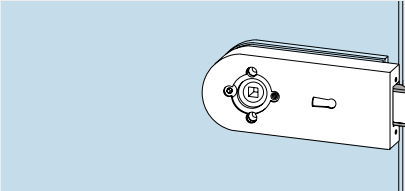
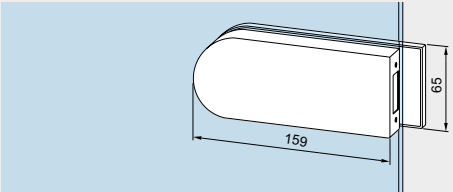
	Product description	Art. No.
	Lock lever lock, nightlatch function, 2 keys supplied, extended colour options Weight in kg: Aluminum 0.850 Brass 1.090	10.203
	Lock WC-toilet door, extended colour options Weight in kg: Aluminum 1.106 Brass 1.398	10.206
	Strike box for pairs of doors, extended colour options Weight in kg: Aluminum 0.610 Brass 0.903	10.220

Locks for levers with roses

Complying to DIN EN 12209 (see page 5).

Hinges also prepared for rebate depth 28 – 40 mm available, see page 20 and following.

Locks for 8 mm glass thickness (or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

	Product description	Art. No.
	Lock non-locking, extended colour options Weight in kg: Aluminum 1.580 Brass 2.485	10.210
	Lock non-locking, with follower forward, extended colour options Weight in kg: Aluminum 1.625 Brass 2.505	10.211
	Lock prepared for Europrofile cylinder, nightlatch function, extended colour options Weight in kg: Aluminum 1.565 Brass 2.465	10.212
	Lock prepared for round profile cylinder, nightlatch function, extended colour options Weight in kg: Aluminum 0.810	10.217
	Lock lever lock, nightlatch function, 2 keys supplied, extended colour options Weight in kg: Aluminum 1.630 Brass 2.530	10.213
	Strike box for pairs of doors, extended colour options Weight in kg: Aluminum 0.610 Brass 0.903	10.220

Space for your notes

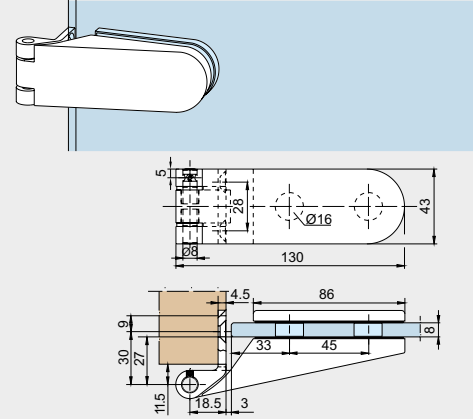
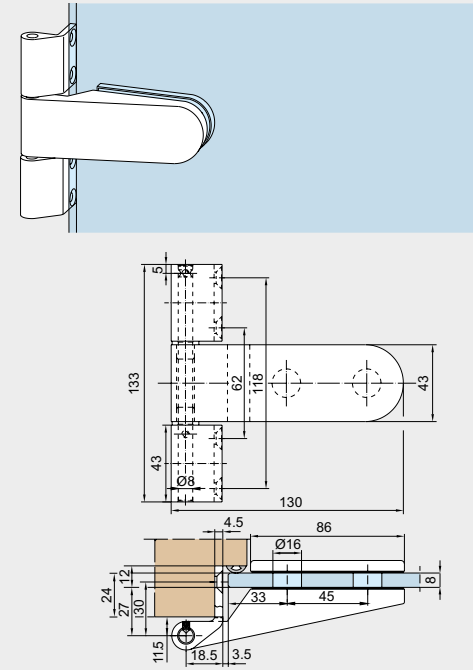
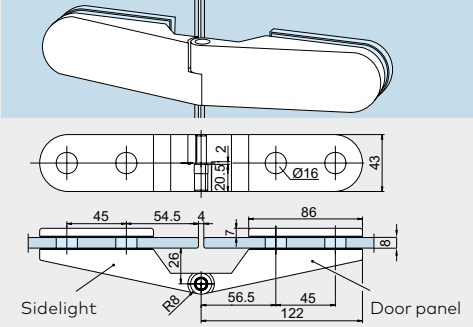
Hinges for 8 mm glass thickness

Door width max. 1,000 mm

	Product description	Art. No.
	Hinge with frame pivot complete with sleeve, to suit rebate depth 24 mm, extended colour options door weight max. 60 kg Weight in kg: Aluminum 0.319 Brass 0.688	10.230
	Hinge with frame pivot complete with sleeve, to suit rebate depth 28 – 30 mm, door weight max. 50 kg Weight in kg: Aluminum 0.336 Brass 0.806	10.233 (not illustr.)
	Filler piece with screws for rebate depth 31 – 39 mm, (please indicate), door weight max. 50 kg, used in combination with hinge 10.230 Weight in kg: Aluminum 0.144	10.420 (not illustr.)
	Hinge with frame pivot complete with sleeve and filler piece to suit 40 mm rebate depth, door weight max. 50 kg Weight in kg: Aluminum 0.486	10.234 (not illustr.)

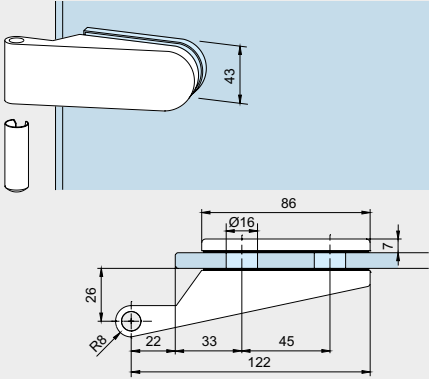
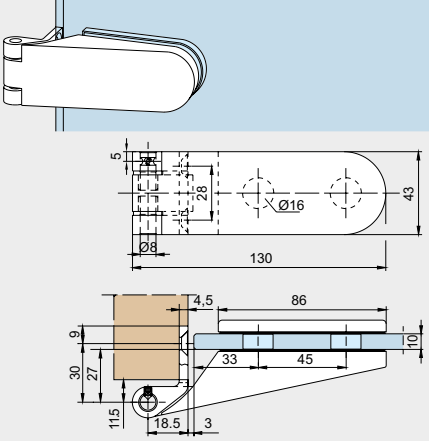
Hinges for 8 mm glass thickness

Door width max. 1,000 mm

	Product description	DIN	Art. No.
	Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, stainless steel pin, door weight max. 45 kg Weight in kg: Aluminum 0.321		10.232
	Strengthened hinge with frame pivot for wooden frames, hinge flap for mortising into frame, stainless steel pin, door weight max. 60 kg Weight in kg: Aluminum 0.433		10.235
	Hinge for mounting onto sidelights, stainless steel pin, door weight max. 45 kg Weight in kg: Aluminum 0.557 Note: Opening angle max. 100°. You will find more information on special solutions for opening angles >100° in our DETAIL 10-255. Please also feel free to consult our Application Engineering department.	Left Right	10.244 10.246 (not illustr.)

Hinges for 10 mm glass thickness

Door width max. 1,000 mm

	Product description	Art. No.
	<p>Hinge with frame pivot complete with sleeve, rebate depth 26 mm, extended colour options, door weight max. 60 kg</p> <p>Weight in kg: Aluminum 0.319 Brass 0.688</p>	10.236
	<p>Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, stainless steel pin, Panel weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.321</p>	10.238

Hinges for 10 mm glass thickness

Door width max. 1,000 mm

	Product description	DIN	Art. No.
	<p>Strengthened hinge with frame pivot for wooden frames, hinge flap for mortising into frame, stainless steel pin, door weight max. 60 kg</p> <p>Weight in kg: Aluminum 0.433</p>		10.239
	<p>Hinge for mounting onto sidelight stainless steel pin, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.557</p> <p>Note: Opening angle max. 100°. You will find more information on special solutions for opening angles >100° in our DETAIL 10-255. Please also feel free to consult our Application Engineering department.</p>	Left Right	10.245 10.247 (not illustr.)

Content

STUDIO Classic

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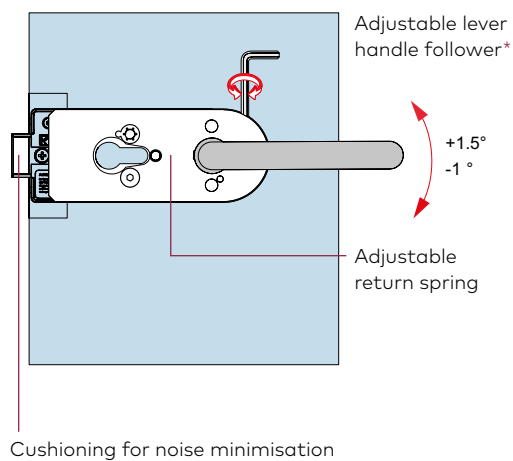
STUDIO Classic

Technical features

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations. Adjustable lever handle follower $+1,5^{\circ}$ / -1° , patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of „lever handle sag“ droop	●	●	●	●
Low-noise “whisper” functionality	●	●	●	●
Adjustable return spring	●	●	●	●
Spring-assisted clamp follower	●	●	●	●
Compliance approval to DIN EN 12209	●	●	●	●
Lock types				
Non-locking latch	●	●	●	●
Non-locking latch, with levers forward	●	●	●	●
Prepared for Europrofile cylinder	●	●	●	●
Prepared for round profile cylinder	●	●		●
Warded lever lock with nightlatch function	●	●	●	●
Bathroom lock function	●	●		●

New standard lock functions

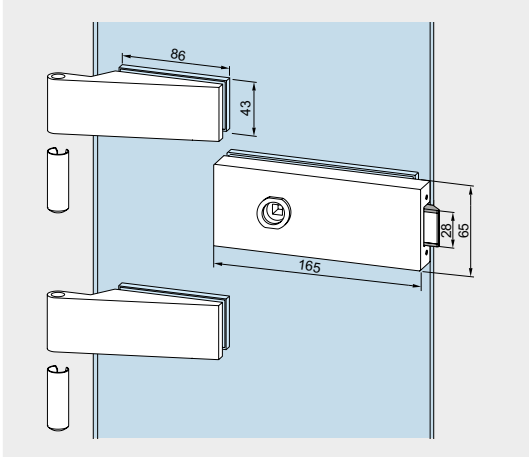
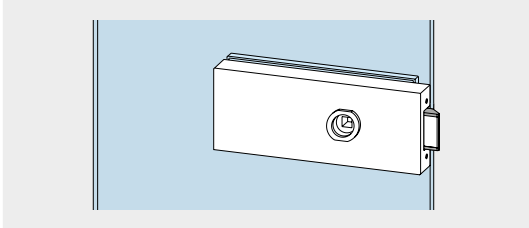
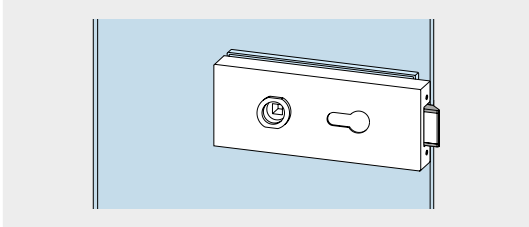
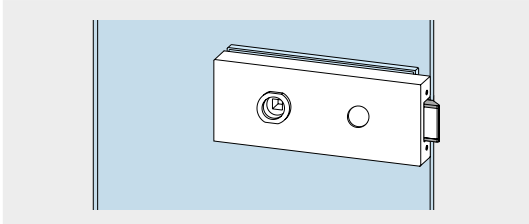


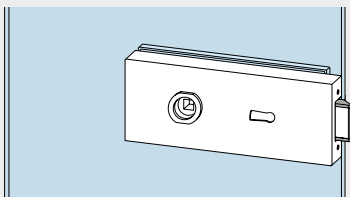
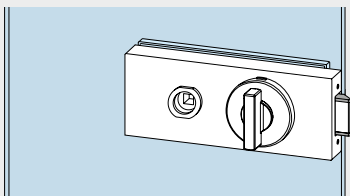
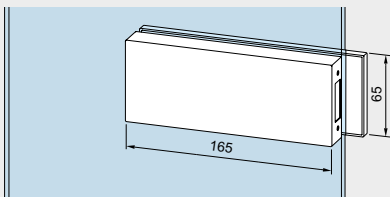
Complete doorsets for 8 and 10 mm glass thickness, locks with follower

Complying to DIN EN 12209, with regard to type test (see page 5).

Door weight max. 60 kg, door width max. 1,000 mm.
Rebate depth 24 mm (for 8 mm glass thickness or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), 26 mm (for 10 mm glass thickness)

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges non-locking lock, hinges with sleeves	8 mm	10.050
	Weight in kg: Aluminum 1.580	10 mm	10.055
	Lock with 2 hinges non-locking lock with follower forward, hinges with sleeves	8 mm	10.051
	Weight in kg: Aluminum 1.625	10 mm	10.056
	Lock with 2 hinges lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves	8 mm	10.052
	Weight in kg: Aluminum 1.565	10 mm	10.057
	Lock with 2 hinges lock prepared for round profile cylinder, nightlatch function, hinges with sleeves	8 mm	10.049
	Weight in kg: Aluminum 1.563	10 mm	10.060

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges lever lock, nightlatch function, 2 keys supplied, hinges with sleeves Weight in kg: Aluminum 1.630	8 mm	10.053
		10 mm	10.058
	Lock with 2 hinges WC-toilet door, hinges with sleeves Weight in kg: Aluminum 1.721	8 mm	10.054
		10 mm	10.059
	Strike box with 2 hinges for pairs of doors, hinges with sleeves Weight in kg: Aluminum 1.380	8 mm	10.034
		10 mm	10.039

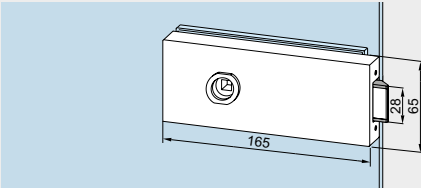
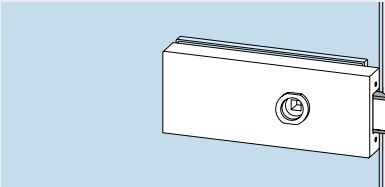
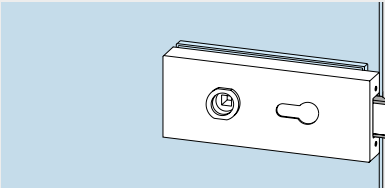
Locks with follower

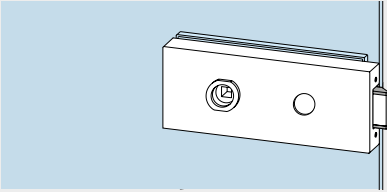
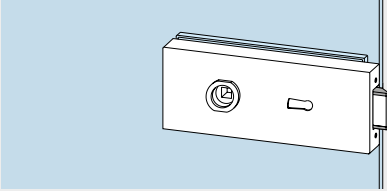
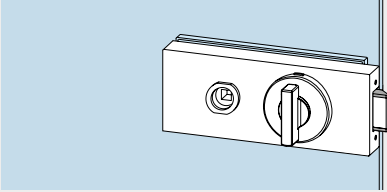
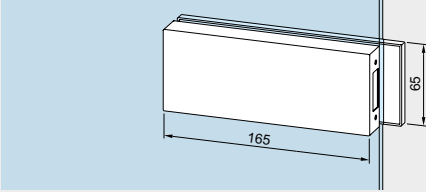
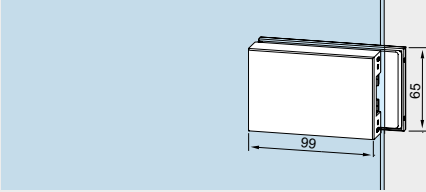
Complying to DIN EN 12209, with regard to type test (see page 5),

Locks for 8 mm glass thickness (or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

Hinges see page 33.

	Product description	Art. No.
	Lock non-locking Weight in kg: Aluminum 0.840	10.001
	Lock non-locking, with follower forward Weight in kg: Aluminum 0.845	10.002
	Lock prepared for Europrofile cylinder, nightlatch function Weight in kg: Aluminum 0.815	10.003

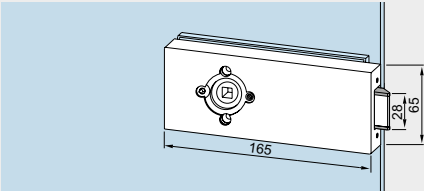
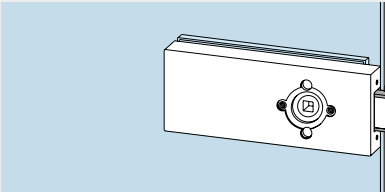
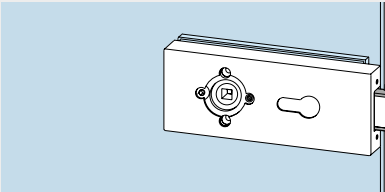
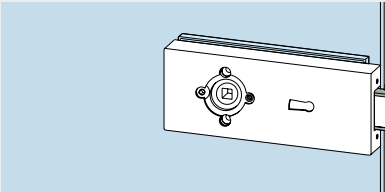
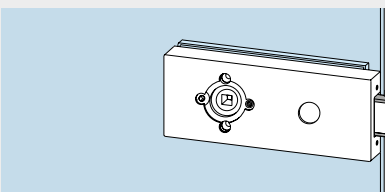
	Product description	Art. No.
	Lock prepared for round profile cylinder, nightlatch function Weight in kg: Aluminum 0.813	10.007
	Lock lever lock, nightlatch function, 2 keys supplied Weight in kg: Aluminum 0.850	10.004
	Lock WC-toilet door Weight in kg: Aluminum 1.111	10.006
	Strike box for pairs of doors Weight in kg: Aluminum 0.610	10.005
	Strike box short for pairs of doors Weight in kg: Aluminum 0.610	10.512

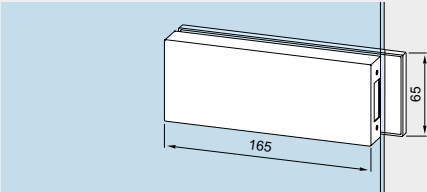
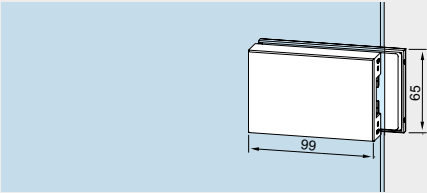
Locks for levers with roses

Complying to DIN EN 12209, with regard to type test (see page 5).

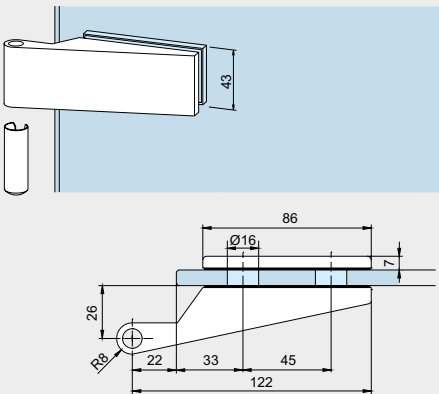
Hinges see page 33.

Locks for 8 mm glass thickness (or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

	Product description	Art. No.
	Lock non-locking, Weight in kg: Aluminum 1.580	10.040
	Lock non-locking, with follower forward Weight in kg: Aluminum 0.845	10.041
	Lock prepared for Europrofile cylinder, nightlatch function Weight in kg: Aluminum 0.815	10.042
	Lock lever lock, nightlatch function, 2 keys supplied Weight in kg: Aluminum 0.850	10.043
	Lock prepared for round profile cylinder, nightlatch function Weight in kg: Aluminum 0.813	10.044

	Product description	Art. No.
	Strike box for pairs of doors Weight in kg: Aluminum 0.610	10.005
	Strike box short for pairs of doors Weight in kg: Aluminum 0.610	10.512
		

Door hinges for 8 mm and 10 mm glass thickness

	Product description	Glass thickness	Art. No.
	Hinge with frame pivot complete with sleeve 24 mm rebate depth	8 mm	10.021
	26 mm rebate depth	10 mm	10.020
	Weight in kg: Aluminum 0.319		

Content

STUDIO Gala 2.0

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39	Components (Locks, hinges)
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98	Accessories
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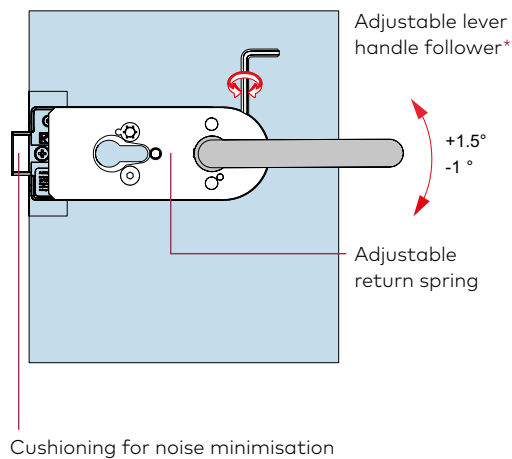
STUDIO
Gala 2.0

Technical features

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations. Adjustable lever handle follower $+1,5^{\circ} / -1^{\circ}$, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of „lever handle sag“ droop	●	●	●	●
Low-noise “whisper” functionality	●	●	●	●
Adjustable return spring	●	●	●	●
Spring-assisted clamp follower	●	●	●	●
Compliance approval to DIN EN 12209	●	●	●	●
Lock types				
Non-locking latch	●	●	●	●
Non-locking latch, with levers forward	●	●	●	●
Prepared for Europrofile cylinder	●	●	●	●
Prepared for round profile cylinder	●	●		●
Warded lever lock with nightlatch function	●	●	●	●
Bathroom lock function	●	●		●

New standard lock functions

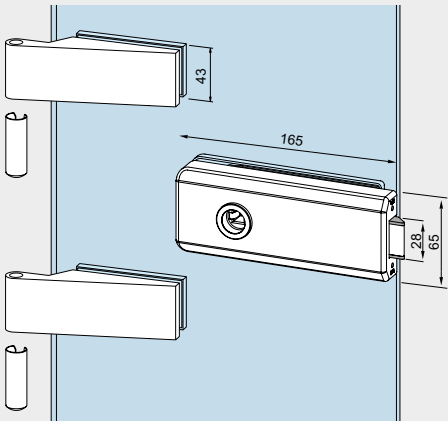
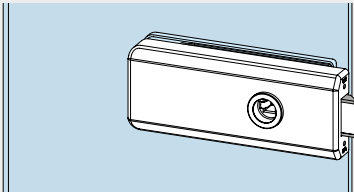
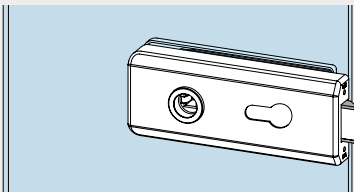
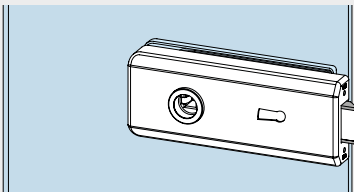


Complete doorsets for 8 mm glass thickness, locks with follower

Complying to DIN EN 12209, with regard to type test (see page 5).

Door weight max. 60 kg, door width max. 1,000 mm
rebate depth 24 mm (for 8 mm glass thickness).

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

	Product description	Art. No.
	Lock with 2 hinges non-locking lock, hinges with sleeves Weight in kg: Aluminum 1.920	19.620
	Lock with 2 hinges non-locking lock with follower forward, hinges with sleeves Weight in kg: Aluminum 1.880	19.621
	Lock with 2 hinges lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves Weight in kg: Aluminum 1.915	19.622
	Lock with 2 hinges lever lock, nightlatch function, 2 keys supplied, hinges with sleeves Weight in kg: Aluminum 1.965	19.623

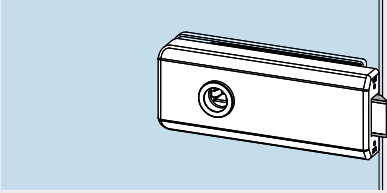
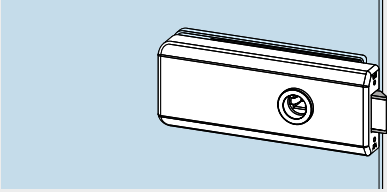
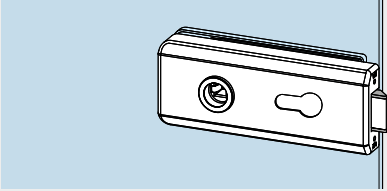
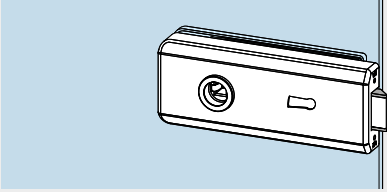
Locks with follower

Complying to DIN EN 12209, with regard to type test (see page 5).

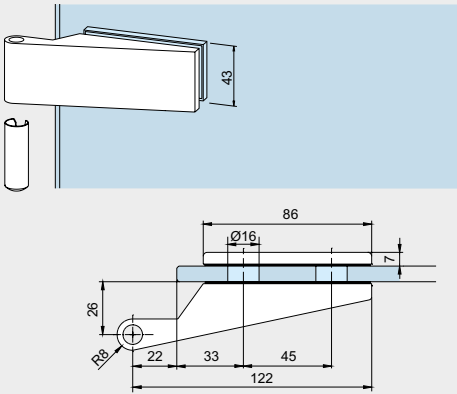
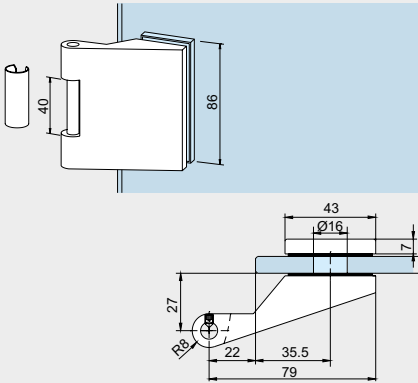
Locks for 8 mm glass thickness / 24 mm rebate depth.

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

Hinges see page 40.

	Product description	Art. No.
	Lock non-locking Weight in kg: Aluminum 0.690	19.610
	Lock non-locking, with follower forward Weight in kg: Aluminum 0.679	19.611
	Lock prepared for Europrofile cylinder, nightlatch function Weight in kg: Aluminum 0.690	19.612
	Lock lever lock, nightlatch function, 2 keys supplied Weight in kg: Aluminum 0.718	19.613

Door hinges

	Product description	Glass thickness	Art. No.
	Hinge with frame pivot complete with sleeve 24 mm rebate depth	8 mm	10.021
	26 mm rebate depth Weight in kg: Aluminum 0.319	10 mm	10.020
	Hinge for frame pivots with sleeve bolt steel zinc-plated panel weight max. 80 kg Weight in kg: Aluminum 0.358 * Finish satin stainless steel (700) not usable with 11.405 (page 101).		11.288*

Space for your notes

Content

STUDIO Arcos

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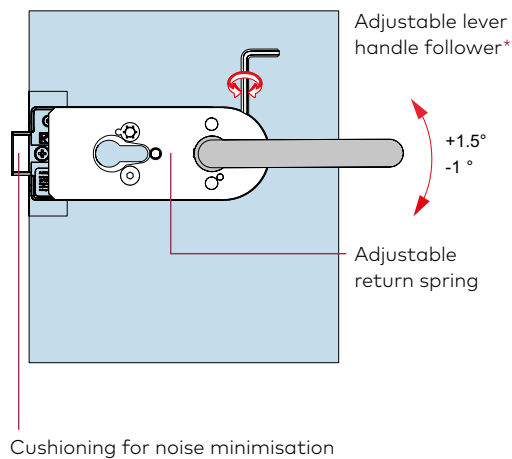
STUDIO Arcos

Technical features

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations. Adjustable lever handle follower $+1,5^{\circ} / -1^{\circ}$, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of „lever handle sag“ droop	●	●	●	●
Low-noise “whisper” functionality	●	●	●	●
Adjustable return spring	●	●	●	●
Spring-assisted clamp follower	●	●	●	●
Compliance approval to DIN EN 12209	●	●	●	●
Lock types				
Non-locking latch	●	●	●	●
Non-locking latch, with levers forward	●	●	●	●
Prepared for Europrofile cylinder	●	●	●	●
Prepared for round profile cylinder	●	●		●
Warded lever lock with nightlatch function	●	●	●	●
Bathroom lock function	●	●		●

New standard lock functions



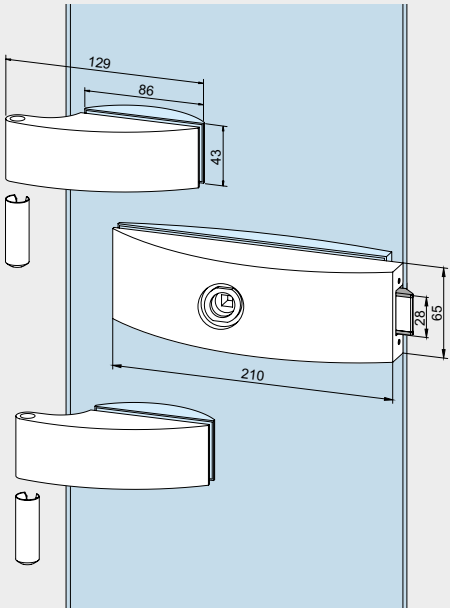
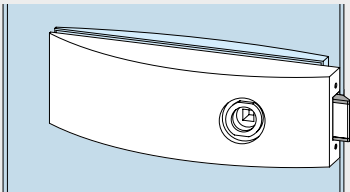
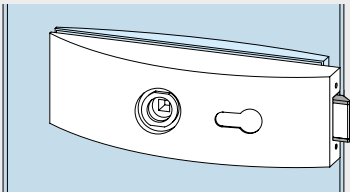
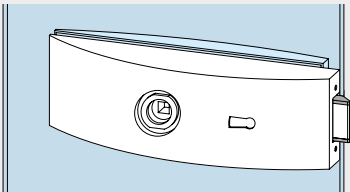
Complete doorsets for 8 mm glass thickness, locks with follower

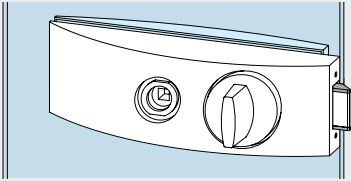
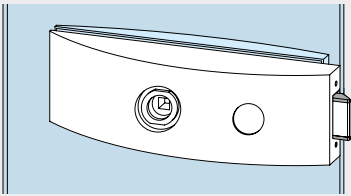
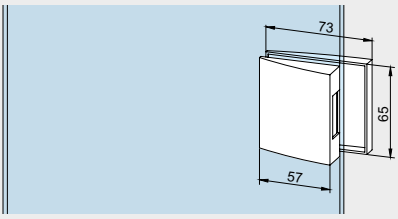
Locks acc. to DIN EN 12209, according to type testing (see page 5).

Door weight max. 60 kg, door width max. 1,000 mm rebate depth 24 mm (for 8 mm glass thickness).

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

Hinges to suit rebate depth 28–40 mm see page 50.

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges non-locking lock, hinges with sleeves Weight in kg: Aluminum 1.580	8 mm	24.100
	Lock with 2 hinges non-locking lock with follower forward, hinges with sleeves Weight in kg: Aluminum 1.625	8 mm	24.101
	Lock with 2 hinges lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves Weight in kg: Aluminum 1.565	8 mm	24.102
	Lock with 2 hinges lever lock, nightlatch function, 2 keys supplied, hinges with sleeves Weight in kg: Aluminum 1.630	8 mm	24.103

	Product description	Glass thickness	Art. No.
	Lock with 2 hinges WC-toilet door, hinges with sleeves Weight in kg: Aluminum 1.716	8 mm	24.106
	Lock with 2 hinges prepared for round profile cylinder, hinges with sleeves Weight in kg: Aluminum 1.630	8 mm	24.108
	Strike box with 2 hinges for pairs of doors, hinges with sleeves Weight in kg: Aluminum 1.380	8 mm	24.120

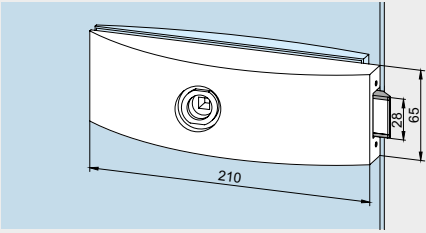
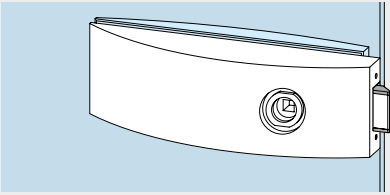
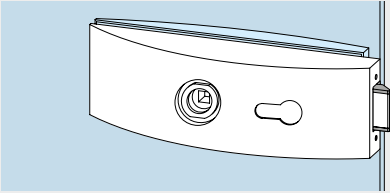
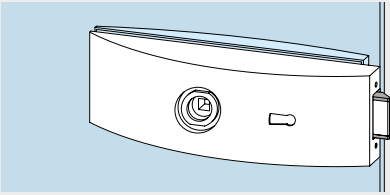
Locks with follower

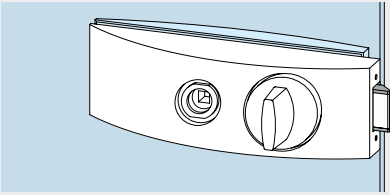
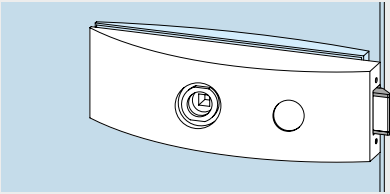
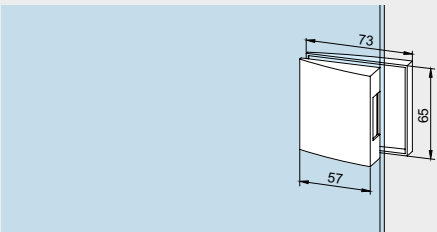
Locks acc. to DIN EN 12209, according to type testing (see page 5).

Locks for 8 mm glass thickness (or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch) / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

Hinges to suit rebate depth 28–40 mm see page 50.

	Product description	Art. No.
	Lock non-locking Weight in kg: Aluminum 0.840	24.200
	Lock non-locking, with follower forward Weight in kg: Aluminum 0.845	24.201
	Lock prepared for Europrofile cylinder, nightlatch function Weight in kg: Aluminum 0.815	24.202
	Lock lever lock, nightlatch function, 2 keys supplied Weight in kg: Aluminum 0.850	24.203

	Product description	Art. No.
	Lock WC – toilet door Weight in kg: Aluminum 1.111	24.206
	Lock prepared for round profile cylinder Weight in kg: Aluminum 0.850	24.207
	Strike box for pairs of doors Weight in kg: Aluminum 0.610	24.220

Hinges

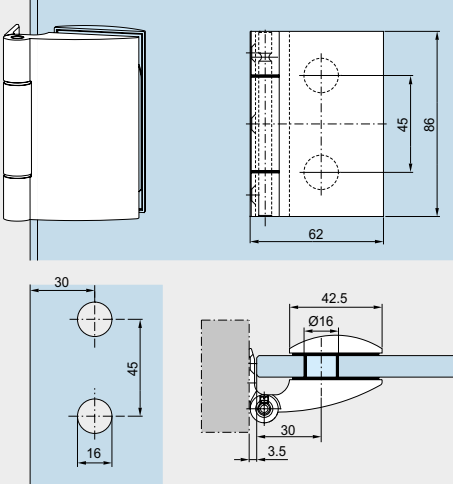
for 8 mm glass thickness, for rebate depth 24 mm. Door width max. 1,000 mm.

	Product description	Art. No.
	Hinge for frame pivot complete with sleeve, to suit rebate depth 24 mm door weight max. 60 kg Weight in kg: Aluminum 0.319	24.230
	Filler piece with screws for rebate depth 28–40 mm, (please indicate), door weight max. 50 kg, used in combination with hinge 24.230 or 10.021 Weight in kg: Aluminum 0.144	24.420 (not illustr.)

for 10 mm glass thickness, for rebate depth 26 mm. Door width max. 1,000 mm.

	Product description	Art. No.
	Hinge for frame pivot complete with sleeve, door weight max. 60 kg Weight in kg: Aluminum 0.319	24.236

Special hinges

	Product description	Glass thickness	Art. No.
	Arcos hinge with frame pivot for non-rebated frames hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm	8 mm 10 mm	25.451
	Weight in kg: Aluminum 0.205		

Content

STUDIO Medio

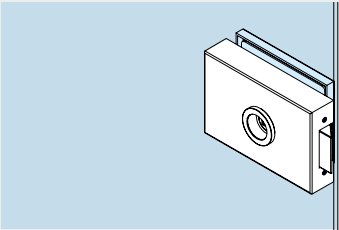
54	Components
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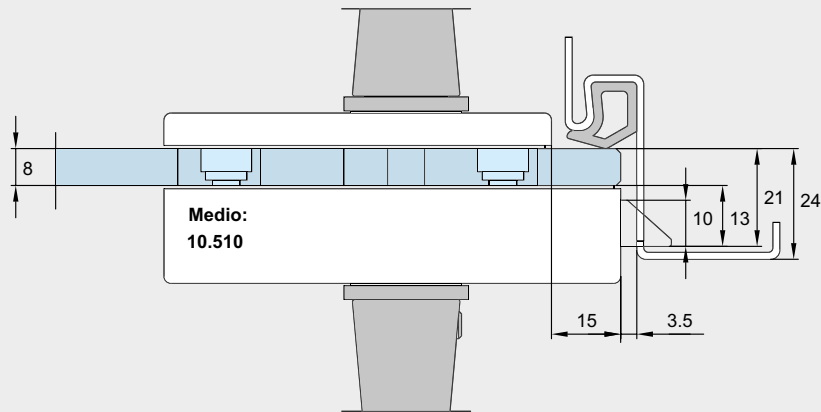
STUDIO Medio

Locks with follower

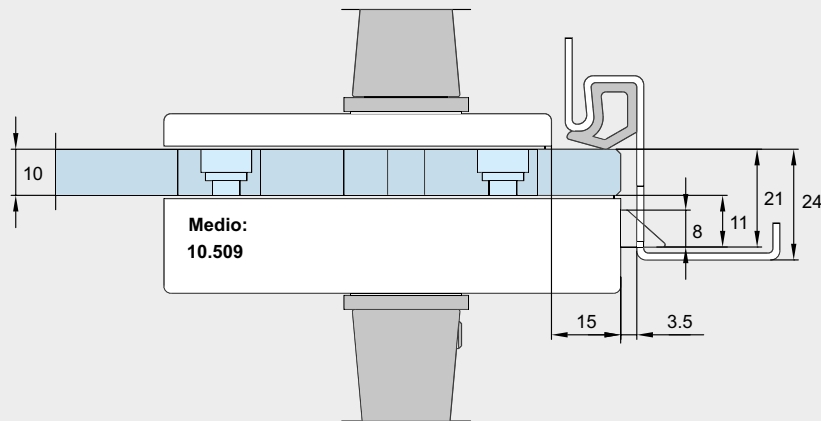
for 8 + 10 mm glass thickness, for 24 mm rebate depth.

	Product description	Glass thickness	Art. No.
	STUDIO Medio lock	8 mm	10.510
	Weight in kg: Aluminum 0.840	10 mm	10.509
	STUDIO Medio strike box, short	8 mm and 10 mm	10.512
	Weight in kg: Aluminum 0.610		

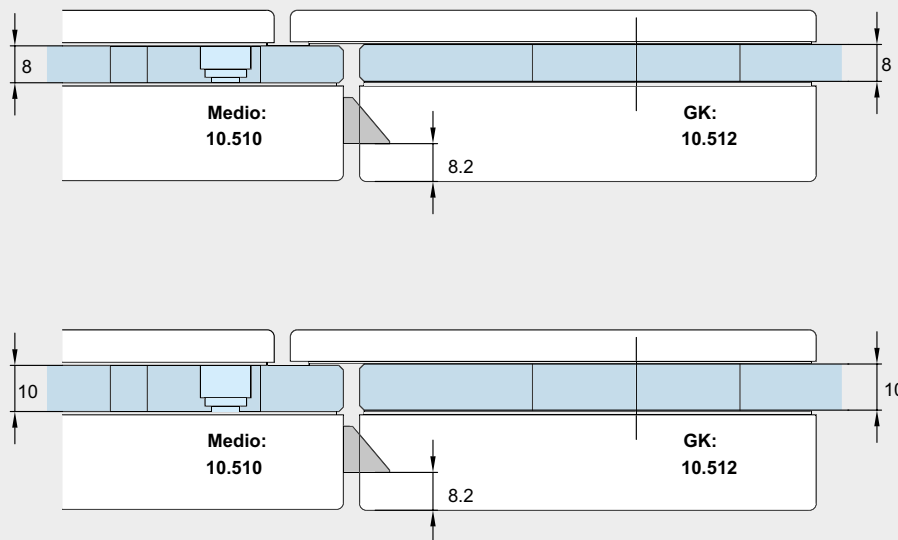
For 8 mm glass thickness in 24 mm rebate depth



For 10 mm glass thickness in 24 mm rebate depth



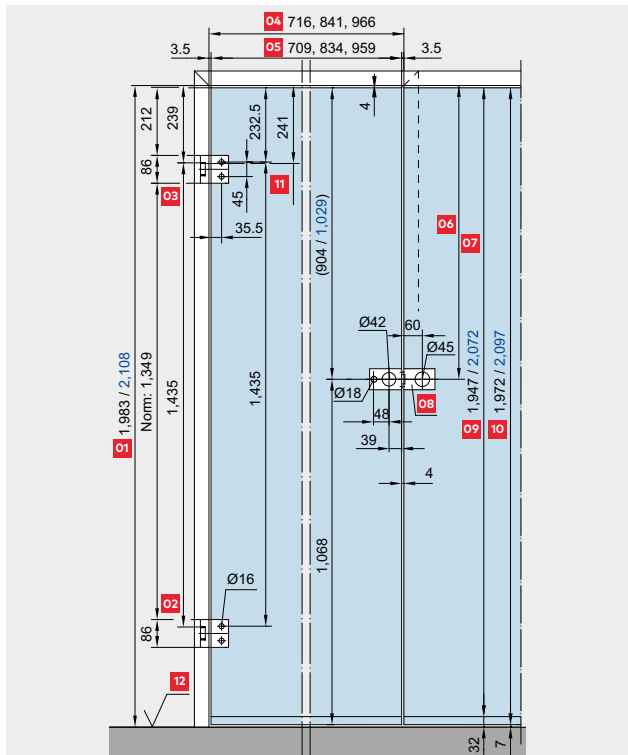
Applications with an occasional door/sidelight:



Applications with an occasional door / sidelight are always designed with lock type 10.510 for 8 mm glass, irrespective of whether the glass thickness is 8 mm or 10 mm.

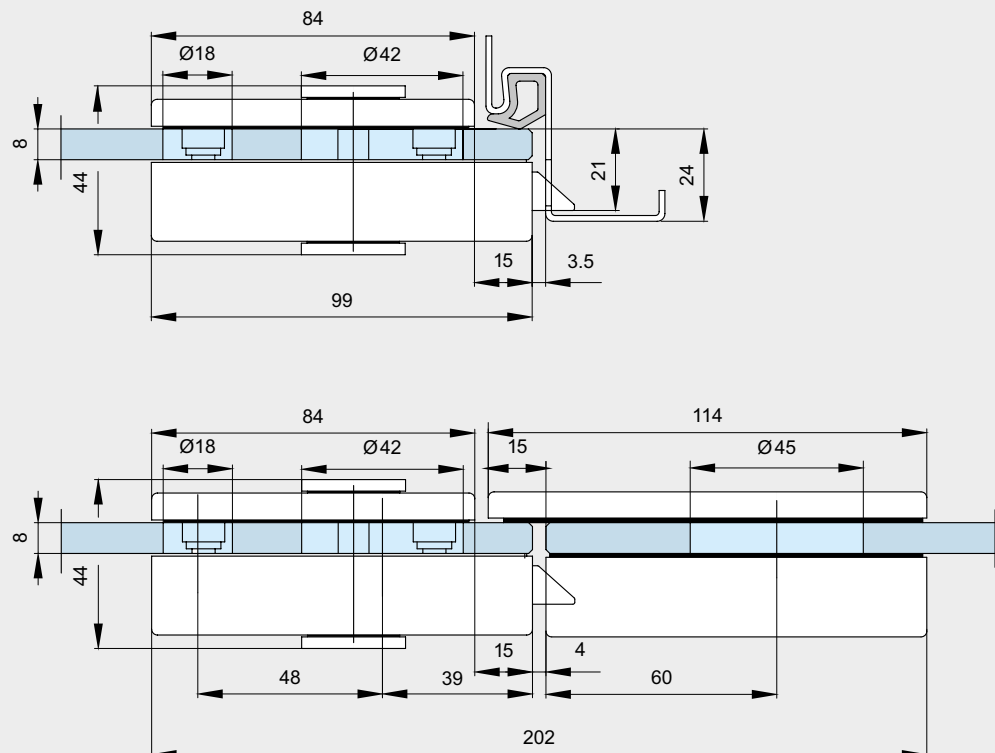
Installation details and sections for frame pivots

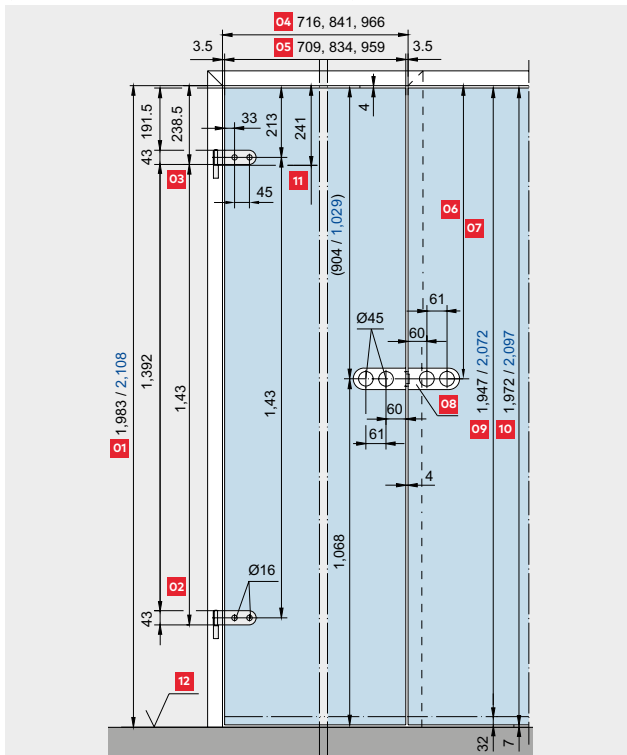
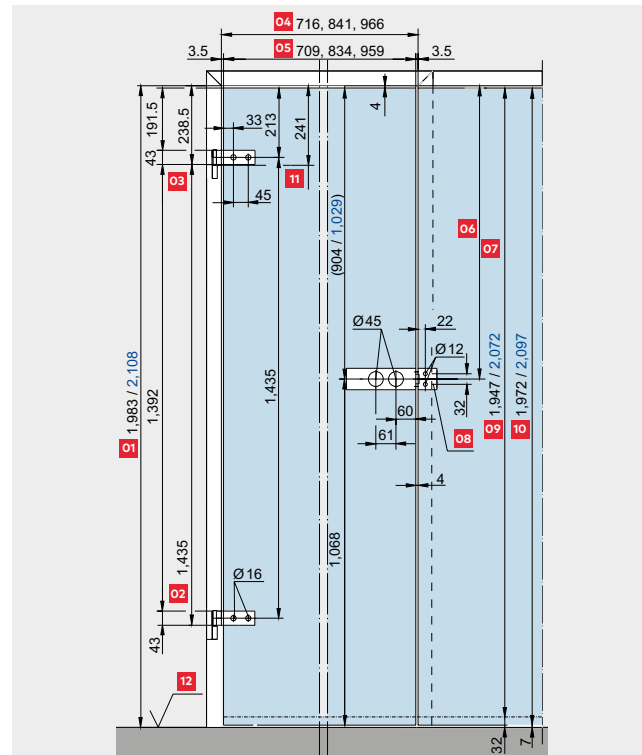
STUDIO Medio



01 Frame rebate height **02** Standard hinge support to DIN 18 111 **03** Standard hinge support **04** Frame rebate width
05 Glass width **06** Centre lock bolt **07** Usually 908 / 1,033 mm for doors 1,972 / 2,108 mm high **08** Strike box
09 Glass height (type S) **10** Glass height (type N) **11** Hinge datum line to DIN 18 268 **12** Finished floor level (FFL)

STUDIO Medio

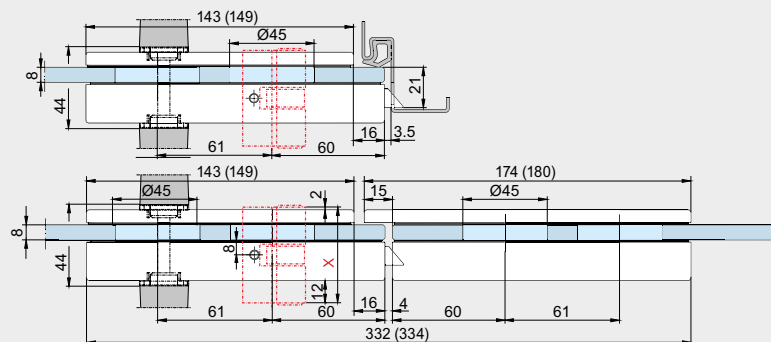
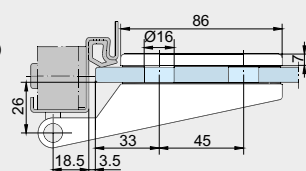
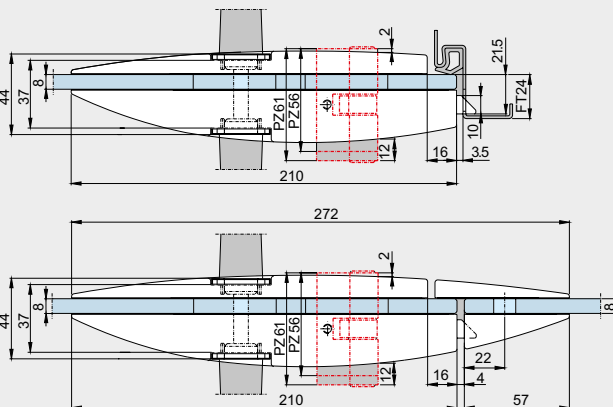
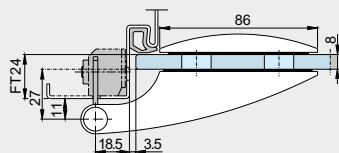


STUDIO Rondo
(STUDIO Classic, STUDIO Gala 2.0)

STUDIO Arcos


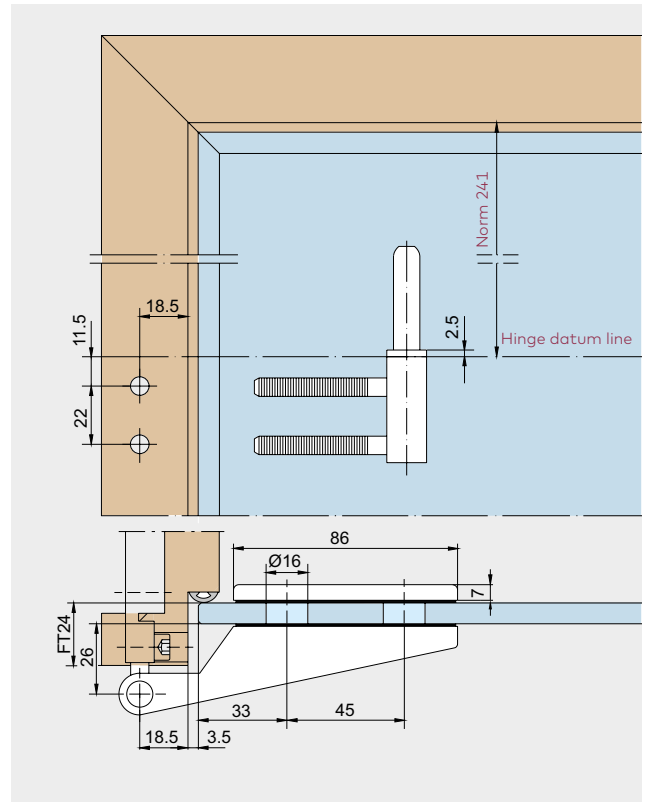
01 Frame rebate height **02** Standard hinge support to DIN 18 111 **03** Standard hinge support **04** Frame rebate width
05 Glass width **06** Centre lock bolt **07** Usually 908 / 1,033 mm for doors 1,972 / 2,108 mm high **08** Strike box
09 Glass height (type S) **10** Glass height (type N) **11** Hinge datum line to DIN 18 268 **12** Finished floor level (FFL)

STUDIO Rondo
(STUDIO Classic, STUDIO Gala 2.0)

X = S1er PZ


STUDIO Arcos


Frame pivots for wooden frames



The image contains two technical diagrams of valve assemblies. The top diagram is labeled 'Left hand (ISO 6)' and shows a valve with a red handle on the left and a grey body on the right. A red arrow points to the left. The bottom diagram is labeled 'Right hand (ISO 5)' and shows a valve with a grey body on the left and a red handle on the right. A red arrow points to the right.

Space for your notes

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OFFICE Junior

Technical features

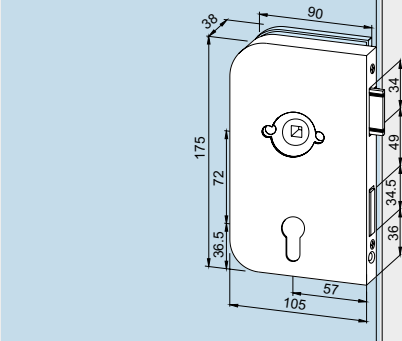
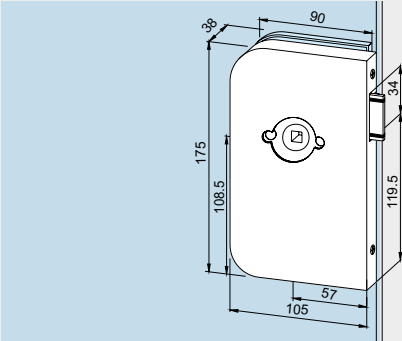
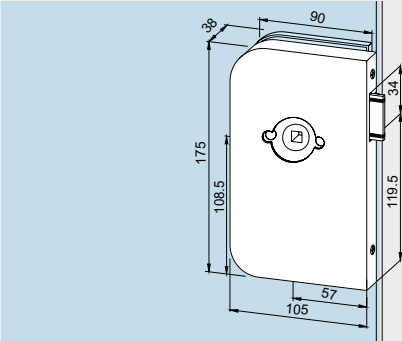
- Lock insert with low-noise “whisper” functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable lever handle follower (+ / – 1°), patent pending, for avoidance of “lever handle sag” (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

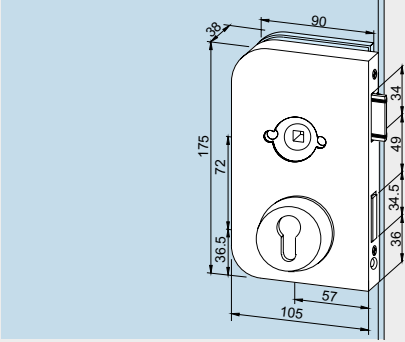
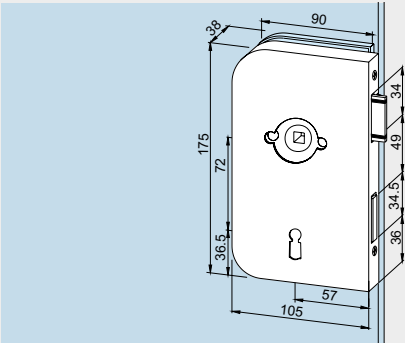
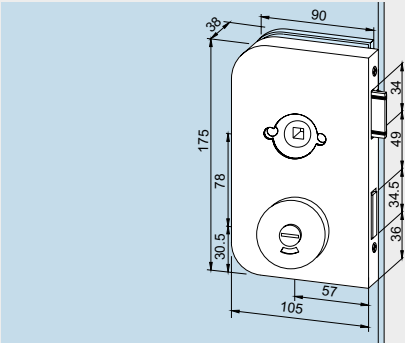
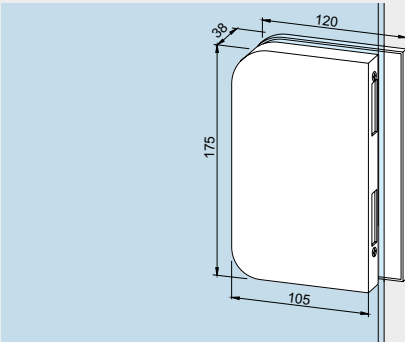
Locks for levers with roses

Complying to the current DIN EN 12209 (see page 5).

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp. Extension plates are available for deeper rebates. Please contact our Application Engineering people for advice.

Hinges page 65 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm)

	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function, extended colour options, also available stainless steel	Left Right	11.200 11.201 (not illustr.)
	Weight in kg: Aluminum 1.214 Stainless steel 1.505		
	Lock prepared for Europrofile cylinder, nightlatch function, lock corrosion-resistant	Left Right	11.210 11.211 (not illustr.)
	Weight in kg: Aluminum 1.230		
	Lock non-locking, extended colours options, also available in stainless steel	Left Right	11.212 11.213 (not illustr.)
	Weight in kg: Aluminum 1.210		

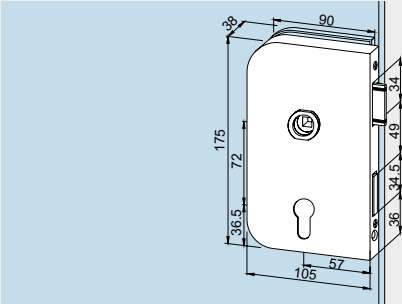
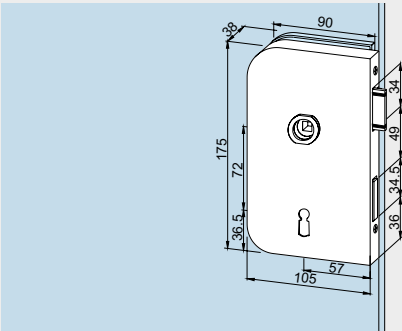
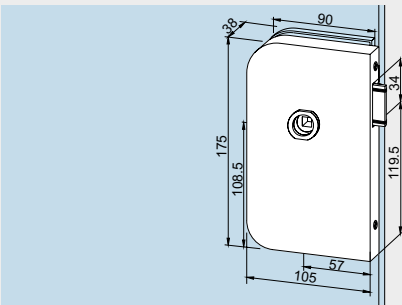
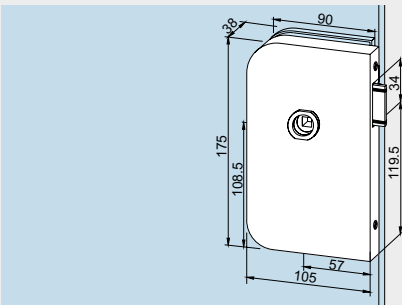
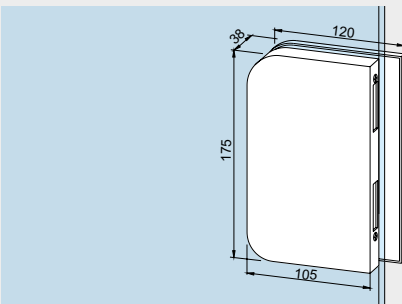
	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function, cylinder rose on lock side, extended colour options Weight in kg: Aluminum 1.200	Left 11.242 Right 11.243 (not illustr.)	
	Lock prepared for Europrofile cylinder, nightlatch function, cylinder roses on both sides, extended colour options, Weight in kg: Aluminum 1.214	Left 11.228 Right 11.229 (not illustr.)	
	Lock lever lock, without nightlatch function, 2 keys supplied, also available in stainless steel Weight in kg: Aluminum 1.115 Stainless steel 1.383	Left 11.202 Right 11.203 (not illustr.)	
	Lock prepared for round profile cylinder, nightlatch function Weight in kg: Aluminum 1.075	Left 11.240 Right 11.241 (not illustr.)	
	Lock bathroom lock function Weight in kg: Aluminum 1.040	Left 11.204 Right 11.205 (not illustr.)	
	Lock bathroom lock function, lock corrosion resistant Weight in kg: Aluminum 1.210	Left 11.214 Right 11.215 (not illustr.)	
	Strike box for OFFICE Junior locks, extended colour options Weight in kg: Aluminum 1.019 Stainless steel 1.335	Left 11.206 Right 11.207 (not illustr.)	

Locks with follower

Complying to the current DIN EN 12209 (see page 6).

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.
Hinges page 65 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm)

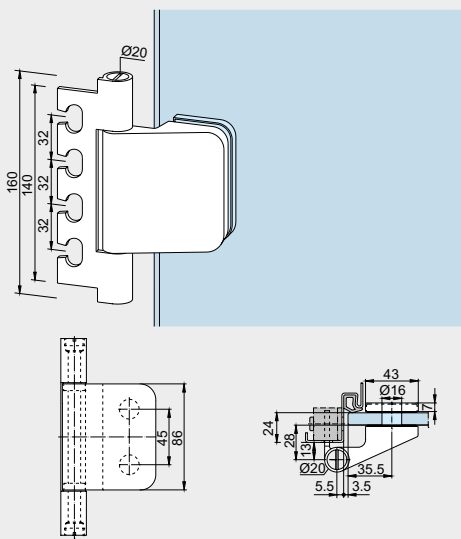
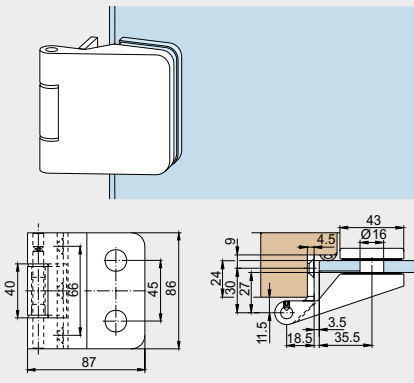
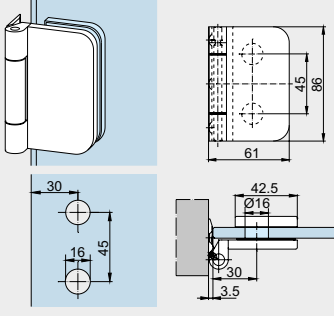
	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function, extended colour options, also available stainless steel	Left Right	11.260 11.261 (not illustr.)
	Weight in kg: Aluminum 1.165 Stainless steel 1.445		
	Lock lever lock, without nightlatch function, 2 keys supplied, also available in stainless steel	Left Right	11.262 11.263 (not illustr.)
	Weight in kg: Aluminum 1.115 Stainless steel 1.383		
	Lock prepared for round profile cylinder, with nightlatch function, 2 keys supplied, also available in stainless steel	Left Right	11.266 11.267 (not illustr.)
	Weight in kg: Aluminum 1.113 Stainless steel 13.78		
	Lock non-locking, also available in stainless steel	Left Right	11.264 11.265 (not illustr.)
	Weight in kg: Aluminum 1.040 Stainless steel 1.290		
	Strike box for OFFICE Junior locks, extended colour options	Left Right	11.206 11.207 (not illustr.)
	Weight in kg: Aluminum 0.945 Stainless steel 1.335		

Hinges for frame pivots

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1,000 mm.

	Product description	Art. No.
	Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg Weight in kg: Aluminum 0.358	11.230*
	Hinge for frame pivot complete with sleeve, stainless steel pin, to be used in damp environments, door weight max. 80 kg Weight in kg: Aluminum 0.360	11.237
	Hinge for frame pivot complete with sleeve, to suit rebate depth 25 – 39 mm, door weight max. 70 kg, Weight in kg: Aluminum 0.530	11.245 (not illustr.)
	Hinge for frame pivot complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg Weight in kg: Aluminum 1.111 * Finish satin stainless steel (Niro S 700 ST) (700), not usable with screw-on frame pivot 11.405 (page 101).	11.238

Hinges for frame pivots

	Product description	Glass thickness	Art. No.
	Hinge for project doors with 160 mm type frame portion (reception element for example VN 7608/160 3D or VZK 060-1/3, or equivalent – not included in scope of delivery), stainless steel pin, plastic slide bearing door weight max. 70 kg, door width max. 1,200 mm Note: Consider separate frame processing		11.233
	do. for 40 mm rebate depth door weight max. 45 kg Weight in kg: Aluminum 0.519 Note: Consider separate frame processing		11.340 (not illustr.)
	Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm Weight in kg: Aluminum 0.425		11.239
	Hinge with frame pivot for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm Weight in kg: Aluminum 0.205	8 mm 10 mm	12.090

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OFFICE Classic

Technical features

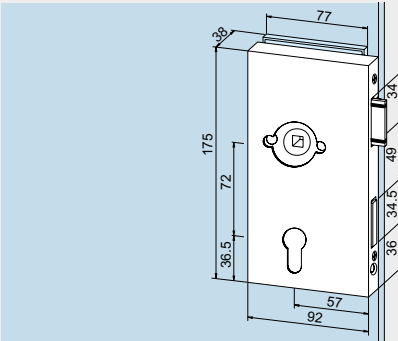
- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable lever handle follower (+ / – 1°), patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

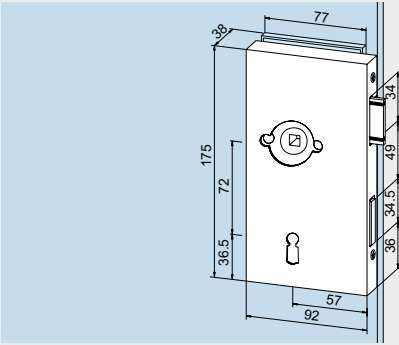
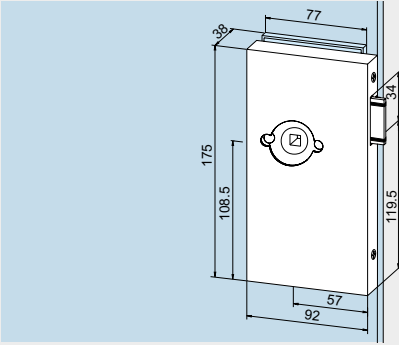
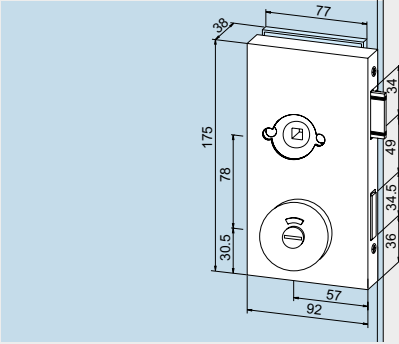
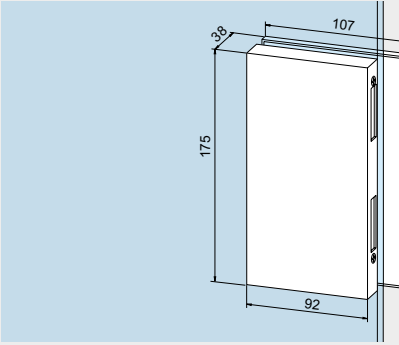
Locks for levers with roses

Complying to the current DIN EN 12209 (see page 5).

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Hinges page 73 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm)

	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function	Left	11.270
		Right	11.271
	Weight in kg: Aluminum		(not illustr.) 1.165

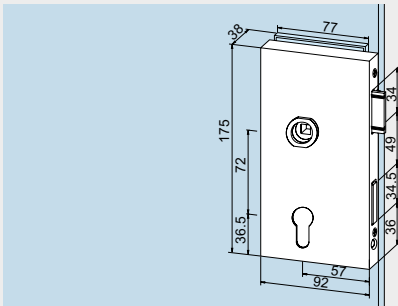
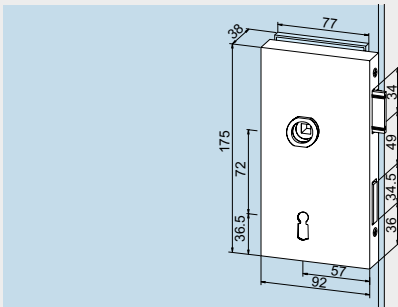
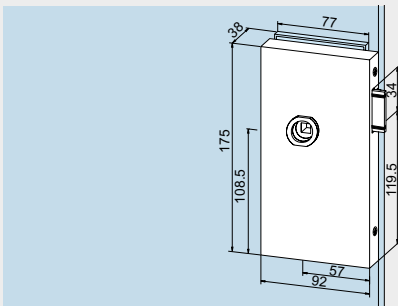
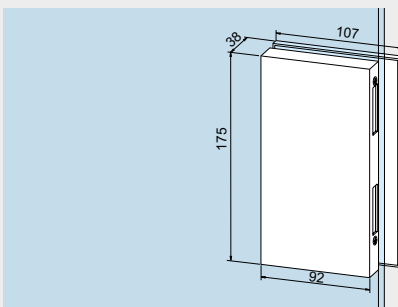
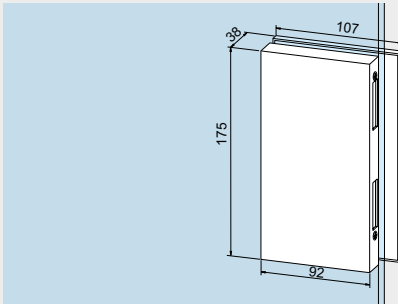
	Product description	DIN	Art. No.
	Lock warded key, without nightlatch function, 2 keys supplied Weight in kg: Aluminum 1.115	Left 11.272 Right 11.273 (not illustr.)	
	Lock prepared for round profile cylinder, with nightlatch function 2 keys supplied Weight in kg: Aluminum 1.113	Left 11.278 Right 11.279 (not illustr.)	
	Lock non-locking Weight in kg: Aluminum 1.040	Left 11.274 Right 11.275 (not illustr.)	
	Lock bathroom lock function Weight in kg: Aluminum 1.040	Left 11.276 Right 11.277 (not illustr.)	
	Strike box for OFFICE Classic locks Weight in kg: Aluminum 0.945	Left 11.286 Right 11.287 (not illustr.)	

Locks with follower

Complying to the current DIN EN 12209 (see page 5).

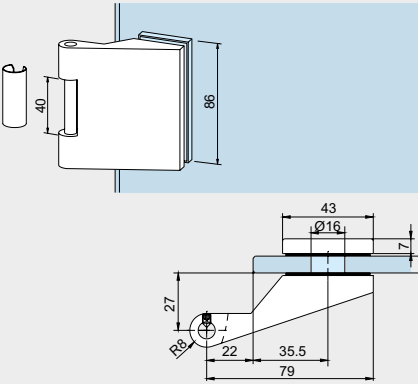
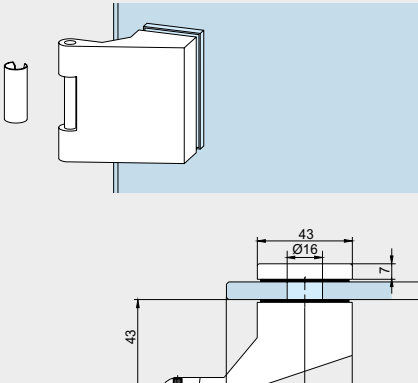
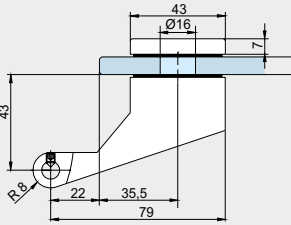
Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.
Hinges page 73 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm).

	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function	Left Right	11.280 11.281 (not illustr.)
	Weight in kg: Aluminum 1.165		
	Lock lever lock, without nightlatch function, 2 keys supplied	Left Right	11.282 11.283 (not illustr.)
	Weight in kg: Aluminum 1.115		
	Lock with nightlatch function, 2 keys supplied	Left Right	11.320 11.321 (not illustr.)
	Weight in kg: Aluminum 1.113		
	Lock non-locking	Left Right	11.284 11.285 (not illustr.)
	Weight in kg: Aluminum 1.040		
	Strike box for OFFICE Classic locks	Left Right	11.286 11.287 (not illustr.)
	Weight in kg: Aluminum 0.945		

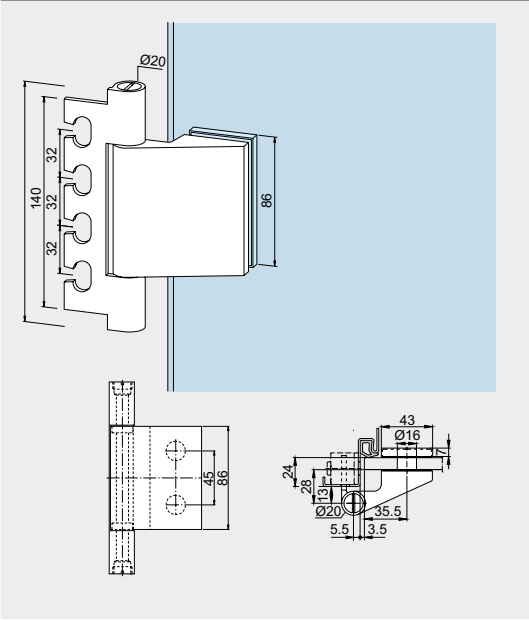
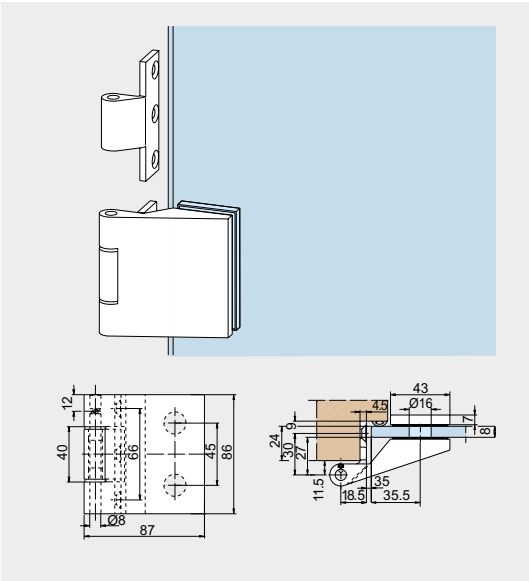
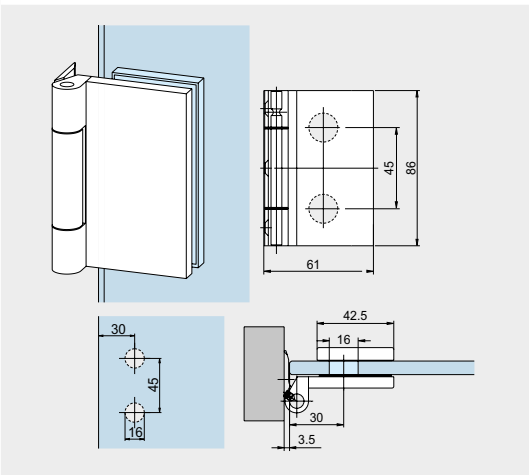
Hinges for frame pivots

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1,000 mm.

	Product description	Art. No.
	<p>Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg</p> <p>Weight in kg: Aluminum 0.358</p>	11.288
	<p>Hinge for frame pivot complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg</p> <p>Weight in kg: Aluminum 1.111</p>	11.295
	<p>Hinge for frame pivot complete with sleeve, to suit rebate depth 25-39 mm, door weight max. 70 kg</p> <p>Weight in kg: Aluminum 0,530</p>	11.297 (not illustr.)

Hinges with frame pivots

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1,000 mm.

	Product description	Glass thickness	Art. No.
	Hinge for project doors with 160 mm type frame portion (reception element for example VN 7608/160 3D or VZK 060-1/3, or equivalent – not included in scope of delivery), stainless steel pin, plastic slide bearing, door weight max. 70 kg, door width max. 1,200 mm		11.291
	do. for 40 mm rebate depth, door weight max. 45 kg Weight in kg: Aluminum 0.519		11.341 (not illustr.)
	Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm		11.342
	Hinge with frame pivot for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm	8 mm 10 mm	12.091

Space for your notes

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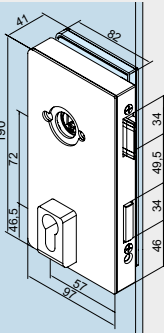
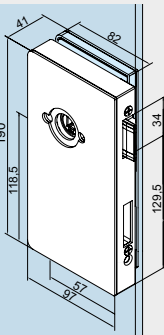
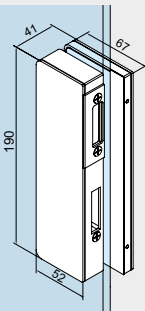


OFFICE Mundus

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable lever handle follower (+ / – 1°), patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Hinges page 80 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm)

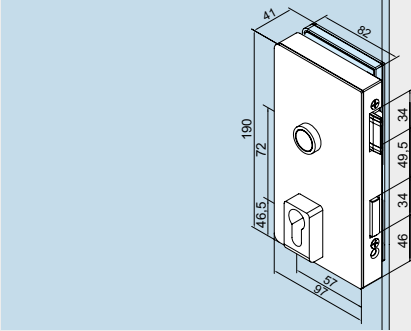
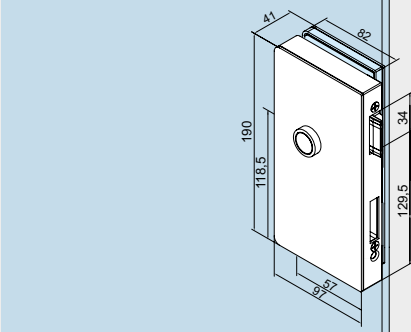
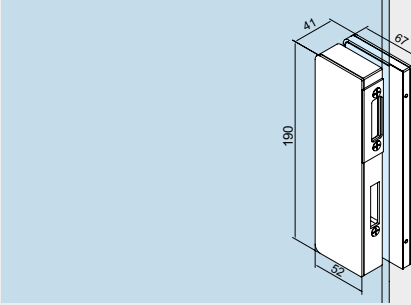
	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function	Left Right	11.842 11.843 (not illustr.)
	Weight in kg: Aluminum 0.730 Stainless steel 1.120		
	Lock non-locking	Left Right	11.844 11.845 (not illustr.)
	Weight in kg: Aluminum 0.800 Stainless steel 1.150		
	Strike box for OFFICE Mundus locks	Left Right	11.848 11.849 (not illustr.)
	Weight in kg: Aluminum 0.570 Stainless steel 0.810		

Locks with follower

Complying to the current DIN EN 12209.

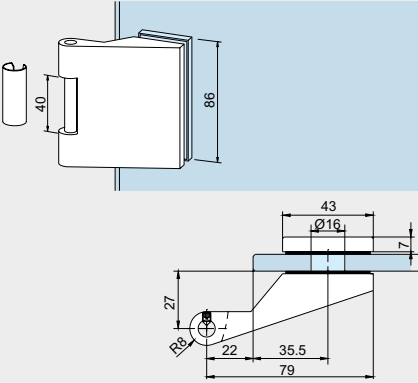
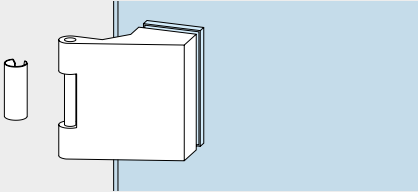
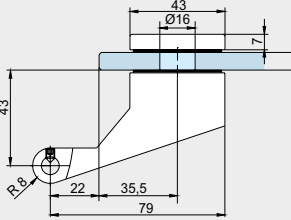
Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.
Hinges page 80 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm).

	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function	Left	11.838
	Weight in kg: Aluminum 0.830 Stainless steel 1.240	Right	11.839 (not illustr.)
	Lock non-locking	Left	11.840
	Weight in kg: Aluminum 0.800 Stainless steel 1.150	Right	11.841 (not illustr.)
	Strike box for OFFICE Mundus locks	Left	11.848
	Weight in kg: Aluminum 0.570 Stainless steel 0.810	Right	11.849 (not illustr.)
	Set follower for 16 mm diameter		11.860 (not illustr.)
	Screw set for use of lock in combination with following glass thicknesses:		
	glass thickness 12-15 mm		11.861
	glass thickness 15-22 mm		11.862 (not illustr.)
	Screw set for use of strike box in combination with following glass thicknesses:		
	glass thickness 12-15 mm		11.863
	glass thickness 15-19 mm		11.864
	glass thickness 19-22 mm		11.865 (not illustr.)

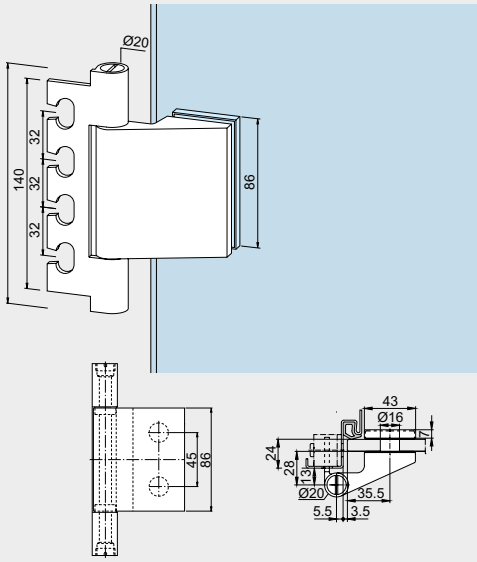
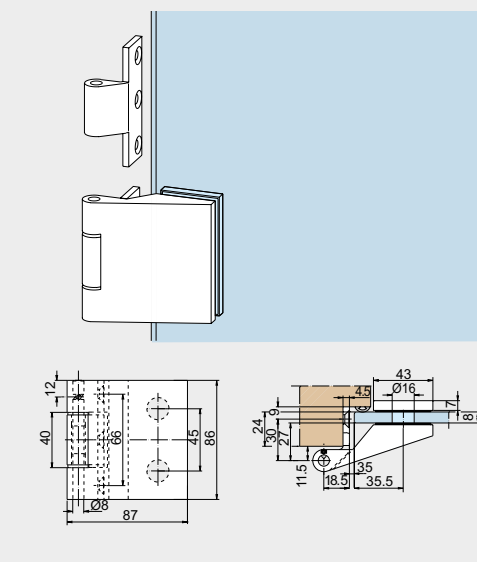
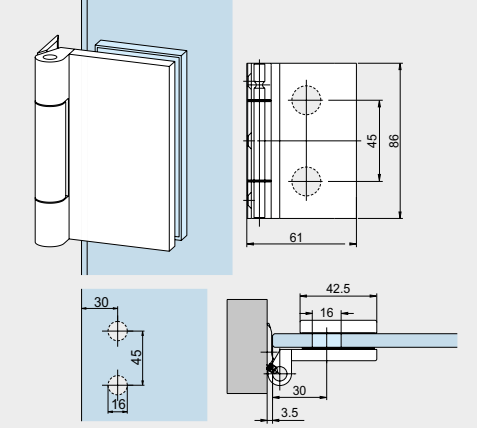
Hinges for frame pivots

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1,000 mm.

	Product description	Art. No.
	Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg Weight in kg: Aluminum 0.358	11.288
	Hinge for frame pivot complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg Weight in kg: Aluminum 1.111	11.295
	Hinge for frame pivot complete with sleeve, to suit rebate depth 25-39 mm, door weight max. 70 kg Weight in kg: Aluminum 0,530	11.297

Hinges with frame pivots

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1,000 mm.

	Product description	Glass thickness	Art. No.
	Hinge for project doors with 160 mm type VN frame portion (reception element for example VN 7608/160 3D or VZK 060-1/3, or equivalent – not included in scope of delivery), stainless steel pin, plastic slide bearing, door weight max. 70 kg, door width max. 1,200 mm do. for 40 mm rebate depth, door weight max. 45 kg Weight in kg: Aluminum 0.519		11.291
			11.341 (not illustr.)
	Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm Weight in kg: Aluminum 0.425		11.342
	Hinge with frame pivot for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm Weight in kg: Aluminum 0.230	8 mm 10 mm	12.091

Content

OFFICE Arcos

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98	Accessories
112	Range of levers
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OFFICE Arcos

Locks with follower

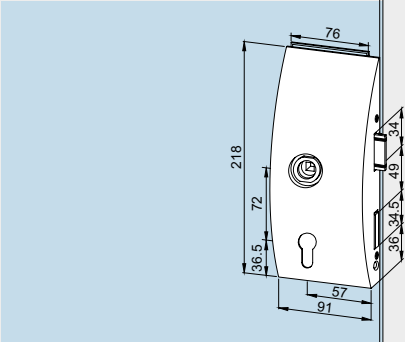
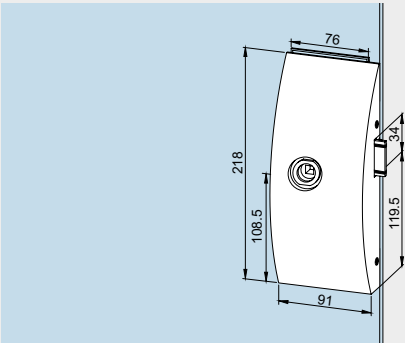
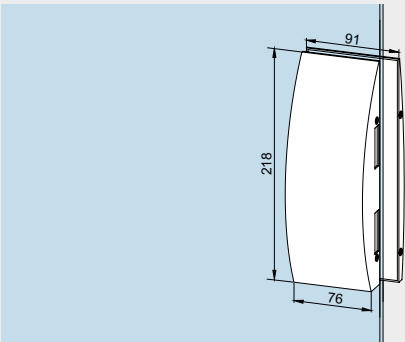
Complying to the current DIN EN 12209, successfully tested during extended type testing.

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp..

- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable lever handle follower (+ / – 1°), patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

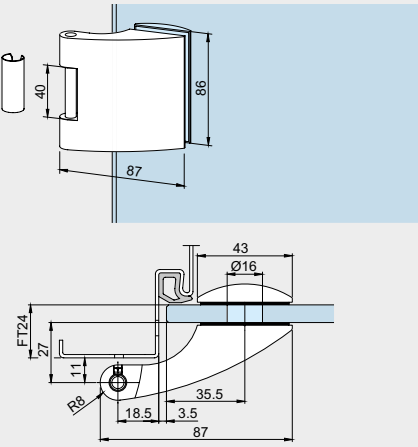
Complying to the current DIN EN 12209, successfully tested during extended type testing.

Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function Weight in kg: Aluminum 1.165	Left	25.260
		Right	25.261 (not illustr.)
	Lock non-locking Weight in kg: Aluminum 1.040	Left	25.264
		Right	25.265 (not illustr.)
	Strike box for OFFICE Arcos locks, extended colour options Weight in kg: Aluminum 0.945	Left	25.206
		Right	25.207 (not illustr.)

Hinges

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1,000 mm.

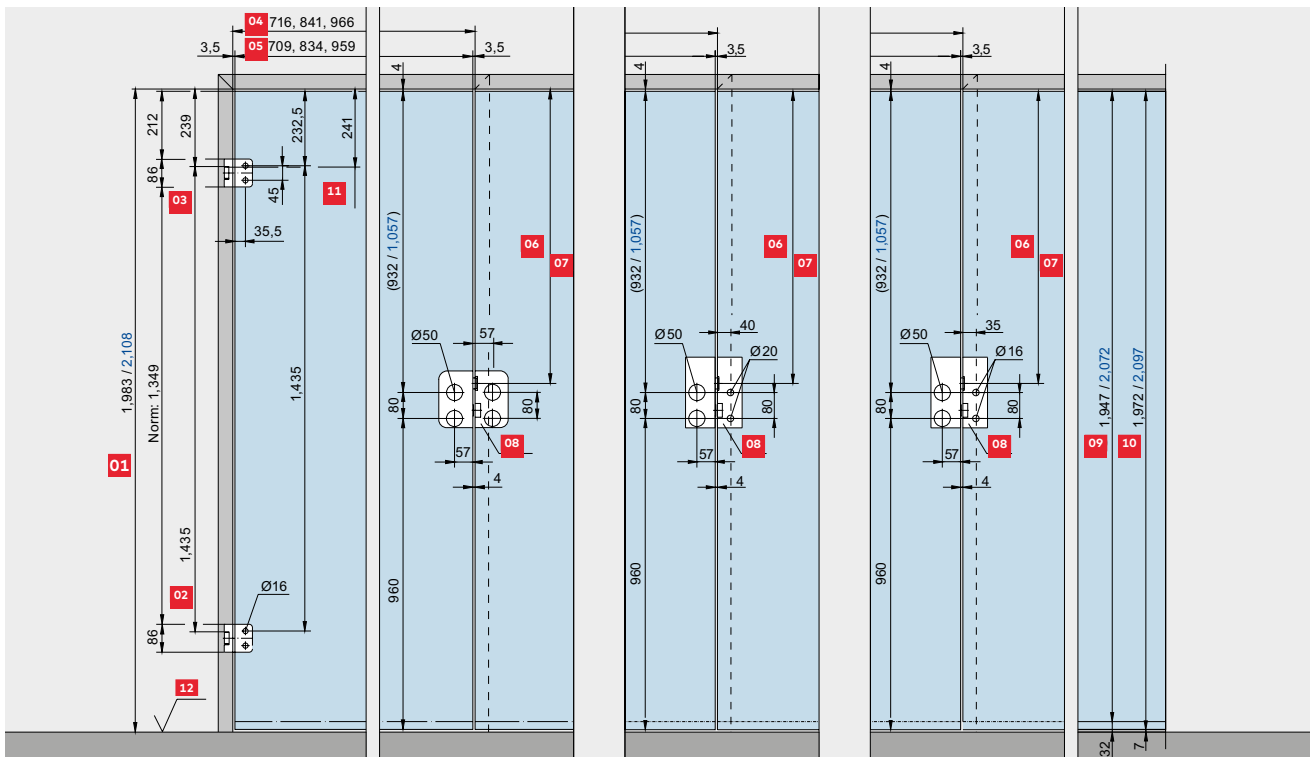
	Product description	Art. No.
	Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg Weight in kg: Aluminum 0.358	25.230
	Hinge for frame pivot complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg Weight in kg: Aluminum 1.111	25.238 (not illustr.)

Installation details and sections for frame pivots and locks

OFFICE Junior / Classic

OFFICE Arcos

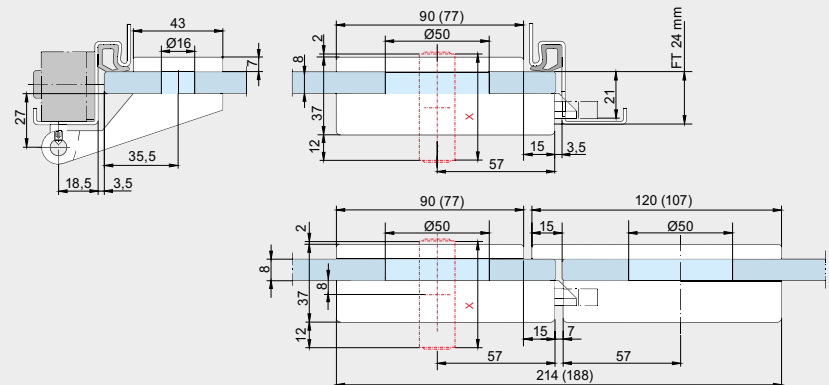
OFFICE Mundus



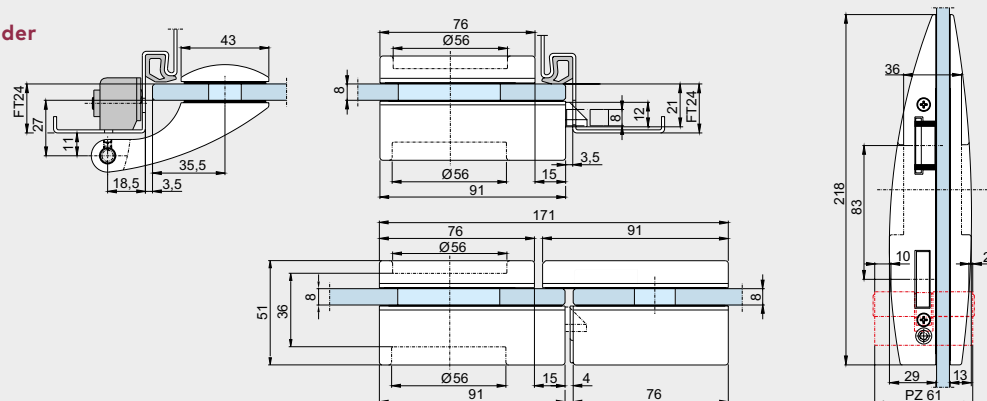
01 Frame rebate height 02 Standard hinge support to DIN 18 111 03 Standard hinge support 04 Frame rebate width
 05 Glass width 06 Centre lock bolt 07 Usually 908 / 1,033 mm for doors 1,972 / 2,108 high 08 Strike box 09 Glass height (type S)
 10 Glass height (type N) 11 Hinge datum line to DIN 18 268 12 Finished floor level (FFL)

OFFICE Junior (OFFICE Classic)

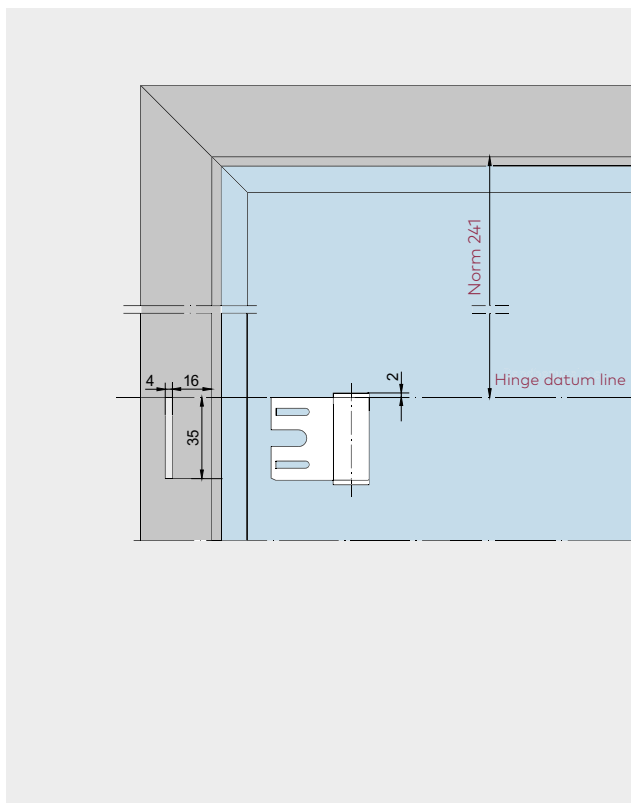
X = 51er PZ



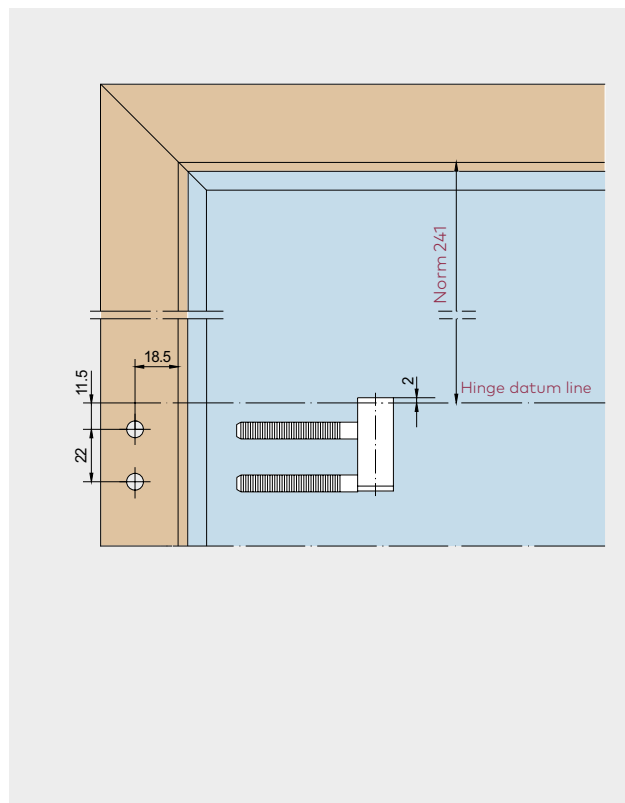
OFFICE Arcos 61 mm profile cylinder



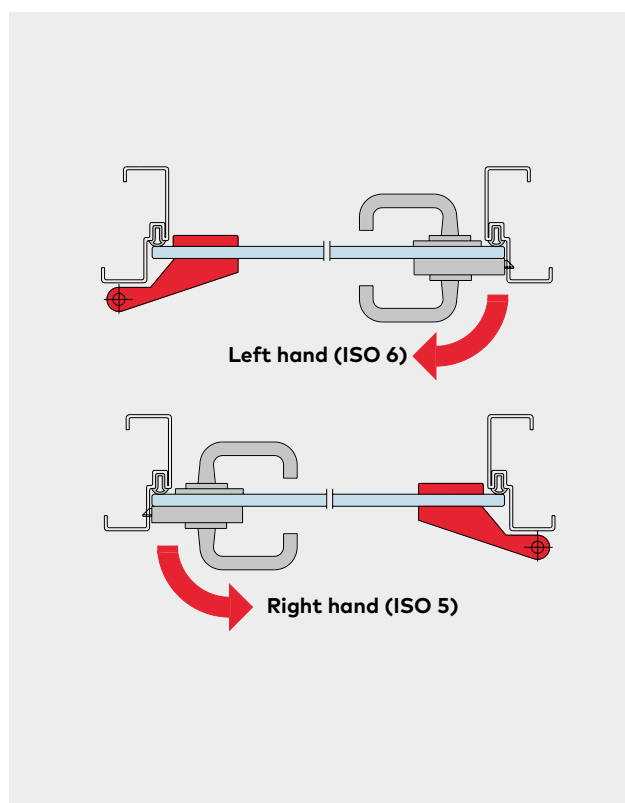
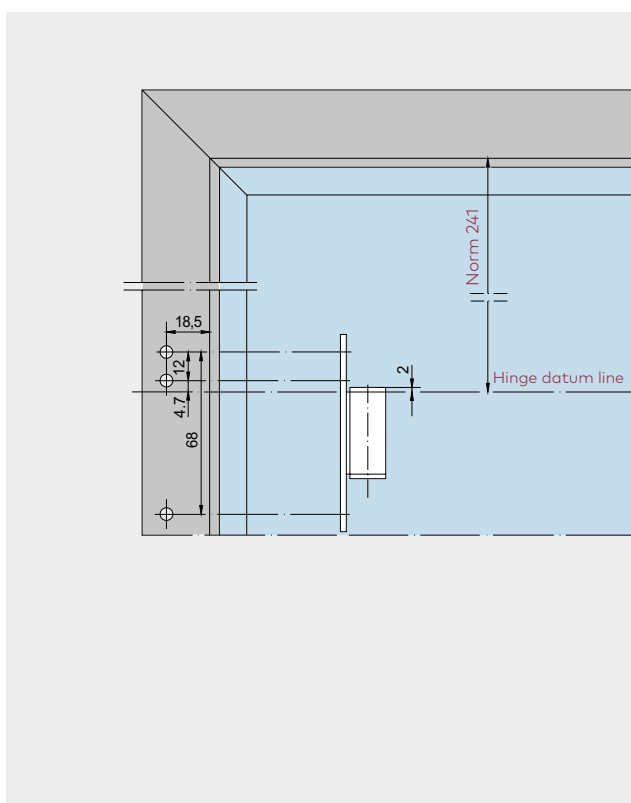
Frame pivots for steel frames



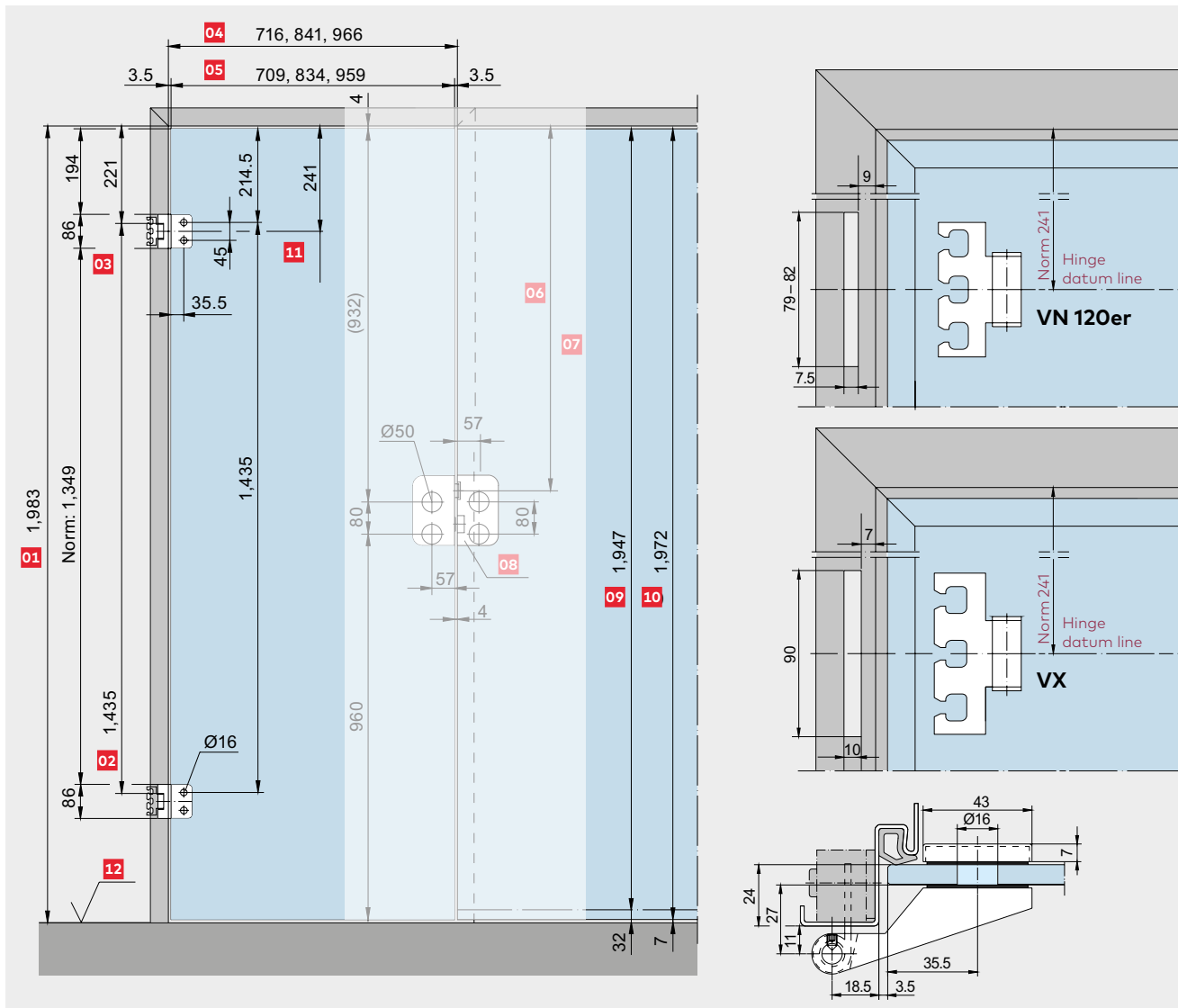
Frame pivots for wooden frames



Screw on frame pivot



Frame pivot for frame pocket type VN 120 / type VX



01
Frame rebate height

02
Standard hinge
support to DIN 18 111

03
Standard hinge support

04
Frame rebate width

05
Glass width

06
Centre lock bolt

07
Usually 908 mm for
doors 1,972 mm high

08
Strike box

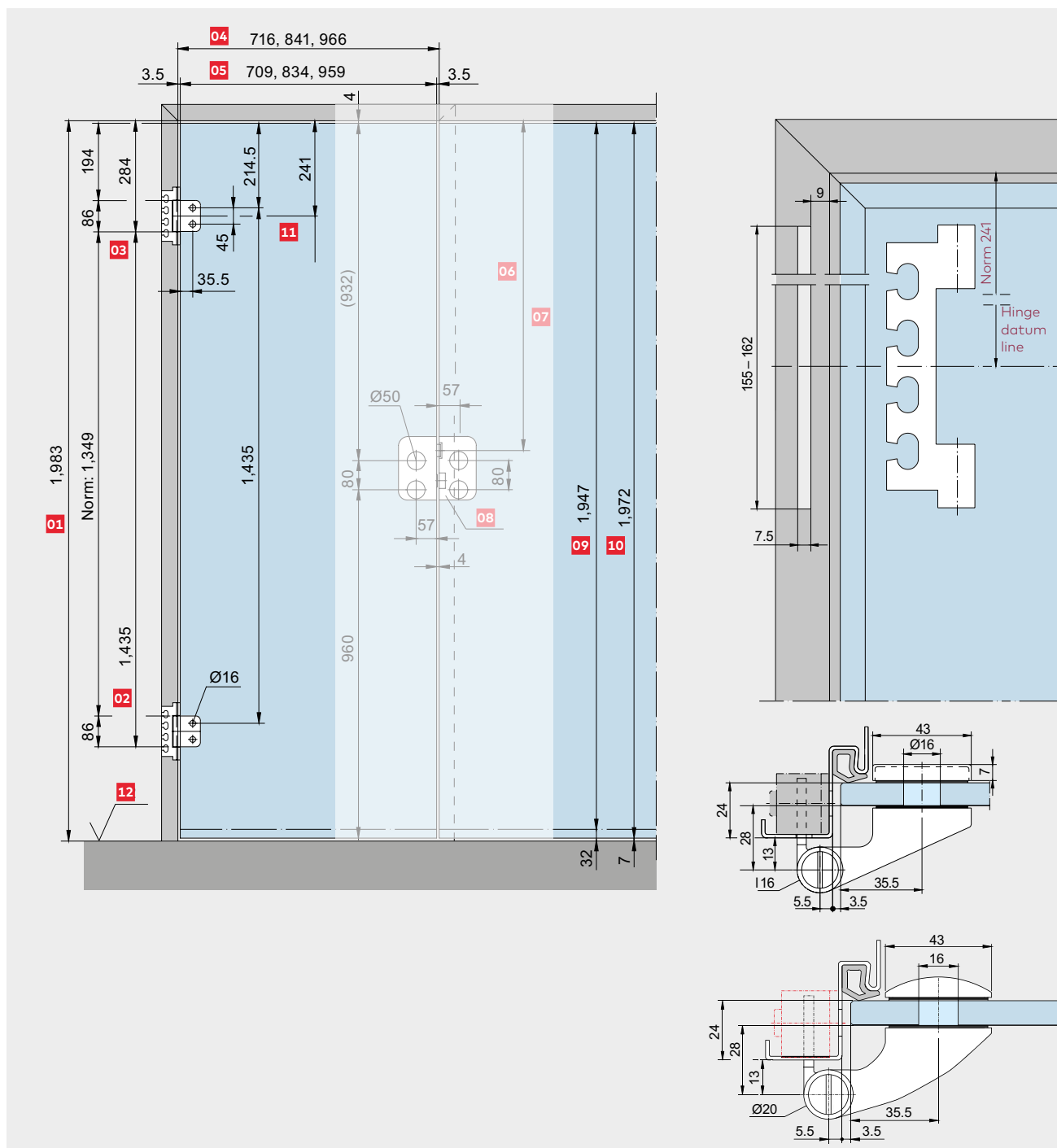
09
Glass height (type S)

10
Glass height (type N)

11
Hinge datum line
to DIN 18 268
(= hinge centre)

12
Finished floor level
(FFL)

Frame pivot for 160 mm type VN frame pocket



01
Frame rebate height

02
Standard hinge support to DIN 18 111

03
Standard hinge support

04
Frame rebate width

05
Glass width

06
Centre lock bolt

07
Usually 908 mm for doors 1,972 mm high

08
Strike box

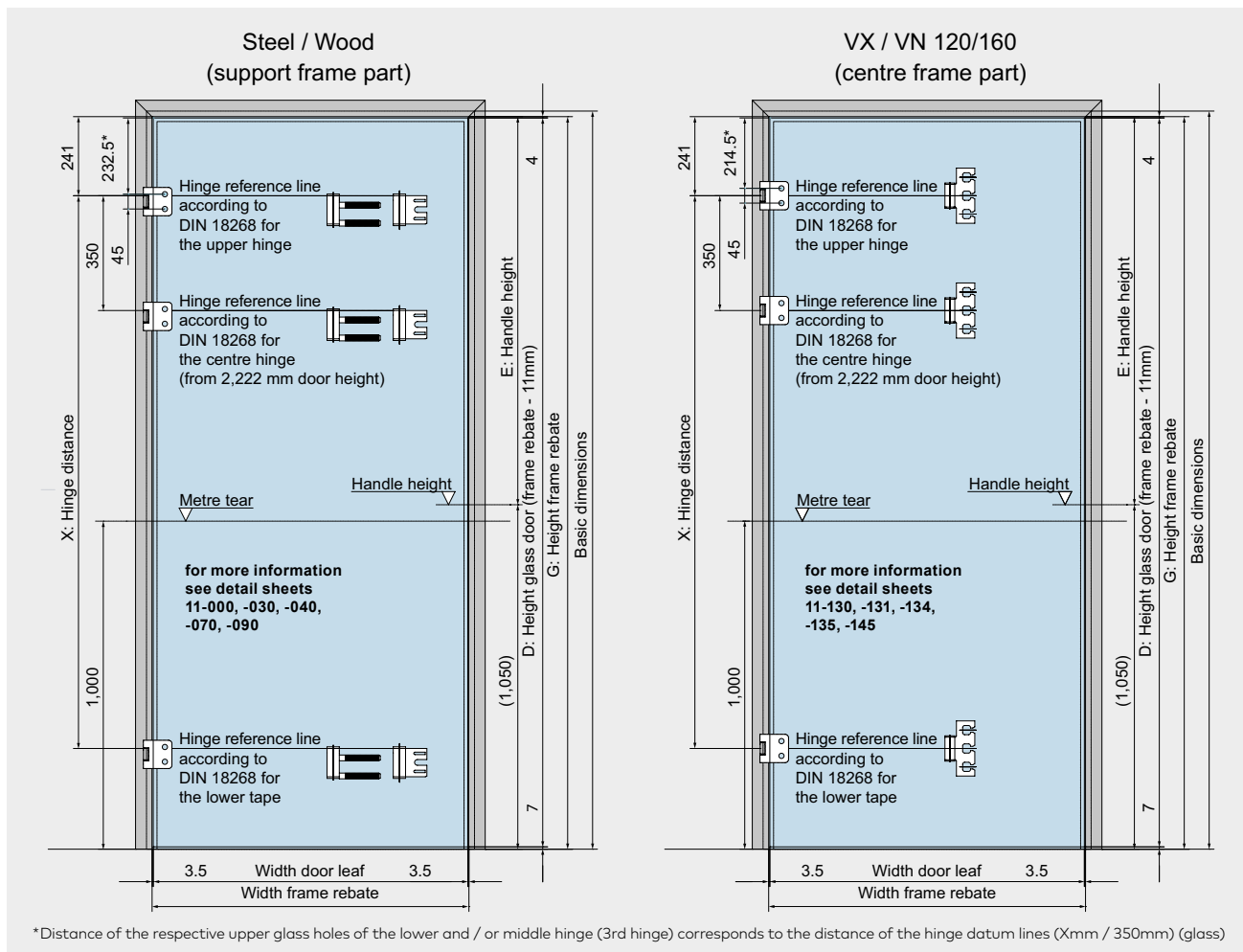
09
Glass height (type S)

10
Glass height (type N)

11
Hinge datum line to DIN 18 268 (= hinge centre)

12
Finished floor level (FFL)

Hinge reference lines according to DIN 18101



	Basic dimensions (wall opening) ^{*1}	Height door leaf	Width door leaf	Height frame rebate ^{*2}	Width frame rebate	Hinge reference line Hinge distance from upper to lower frame part to lower frame part	Handle height ^{*3}
		D		G		X	E
1	1,625	1,597	709, 834, 959, 1,084	1,608	716, 841, 966, 1,091	1,060	554
2	1,750	1,722		1,733		1,185	679
3	1,875	1,847		1,858		1,310	804
4	2,000	1,972		1,983		1,435	929
5	2,125	2,097		2,108		1,435	1,054
6	2,250	2,222		2,233		1,685	1,179
7	2,375	2,347		2,358		1,810	1,304
8	2,500	2,472		2,483		1,935	1,429
9	2,625	2,597		2,608		2,060	1,554
10	2,750	2,722		2,733		2,185	1,679

*1: To derive the nominal dimensions for wall openings from the basic dimensions, see DIN 4172 and DIN 18100.

*2: The clear frame height of frames without cross-over is approx. 10 mm to 15 mm less depending on the frame construction; the exact dimensions may be obtained from the manufacturer of the frame.

*3: This dimension results in a calculated handle height of 1,050 mm from the surface of the finished floor.

For DORMA-Glas OFFICE toughened glass door fittings applies:

If doors according to DIN 18101 are to have a third hinge, the hinge reference line according to DIN 18268 for this hinge must be 350 mm below the hinge reference line of the uppermost hinge. This specification is binding for door heights from 2,222 mm, otherwise the warranty claim will expire. STUDIO door applications are not suitable for door heights greater than 1,997 mm, therefore the use of a third hinge in these applications is not recommended.

Content

Special hinges

94 **Components**

157 **Safety-related information**



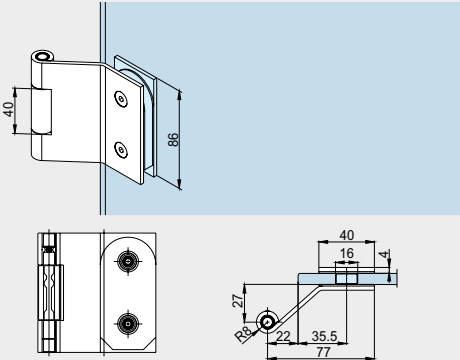
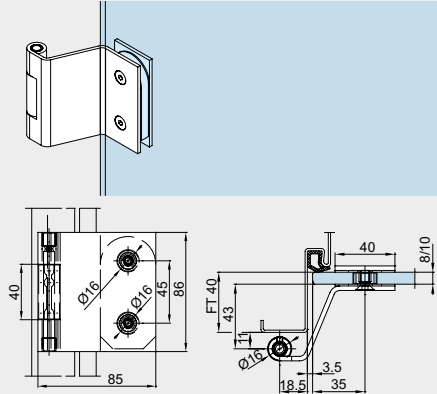
Special hinges

Stainless steel hinge for internal glass doors

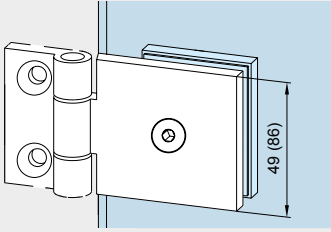
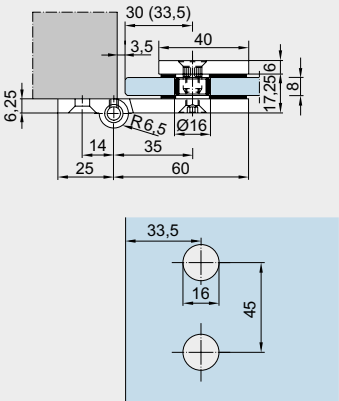
for 8 mm and 10 mm glass.

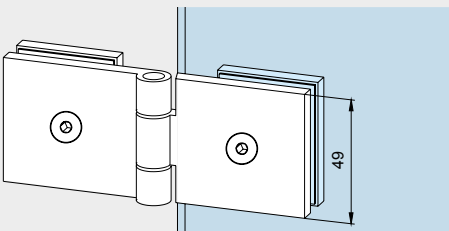
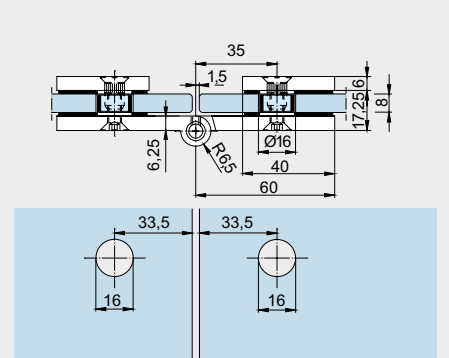
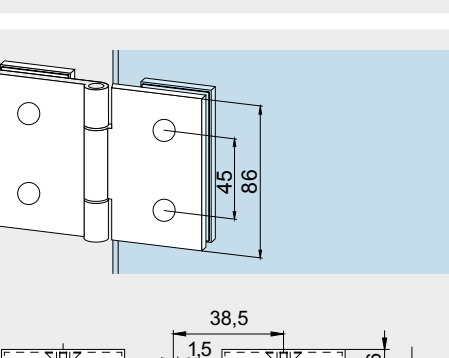
Hinges meet highest corrosion resistance
(EN 1670, class 4)

For 8 mm glass thickness / 24 mm rebate depth,
10 mm glass thickness / 26 mm rebate depth resp.,
max. door width 1,000 mm.

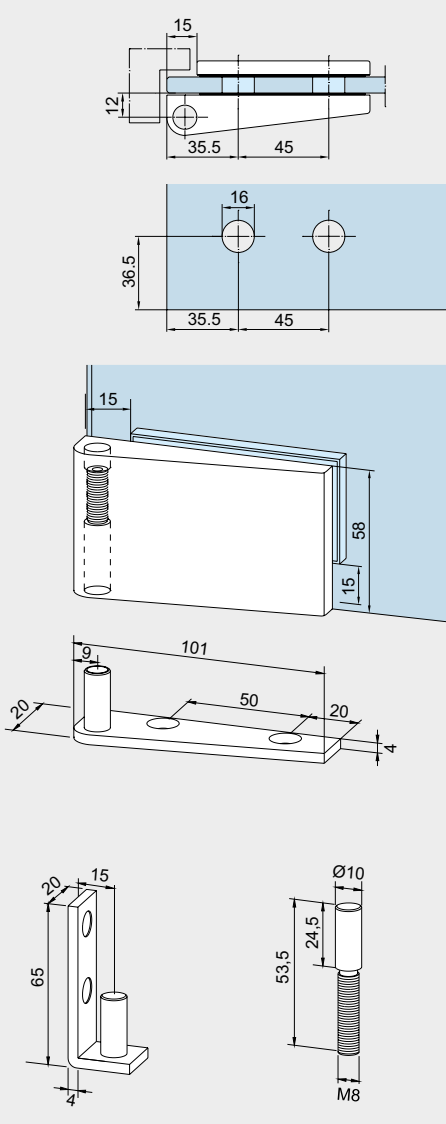
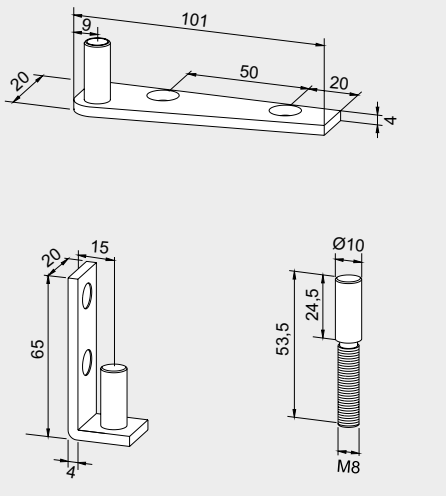
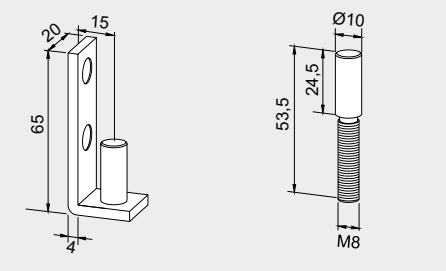
	Product description	Art. No.
	Stainless steel hinge for frame pivot with stainless steel sleeve, stainless steel pin, door weight max. 80 kg Weight in kg: Stainless steel 0.332	11.500
	Stainless steel hinge for frame pivot for rebate depth 40 mm, with stainless steel sleeve, stainless steel pin, door weight max. 70 kg Weight in kg: Stainless steel 0.371 Please note: Applications / glass preparation like OFFICE Classic (see page 87). Frame pivots on page 101.	11.502

Hinges for 8 mm glass thickness

	Product description	Art. No.
	Screw-on hinge without covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg Weight in kg: Aluminum 0.130	12.010
	Screw-on hinge with 3 covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg Weight in kg: Aluminum 0.152	12.011 (not illustr.)
	Screw-on hinge with cover for clamping plate, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg Weight in kg: Aluminum 0.215	12.012

	Product description	Art. No.
	Double hinge without covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg	12.030
	Weight in kg: Aluminum 0.208	
	Double hinge with 4 covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg	12.031 (not illustr.)
	Weight in kg: Aluminum 0.243	
	Double hinge with covers for clamping plates, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg	12.032
	Weight in kg: Aluminum 0.344	

Corner hinges for 8 mm and 10 mm glass thickness

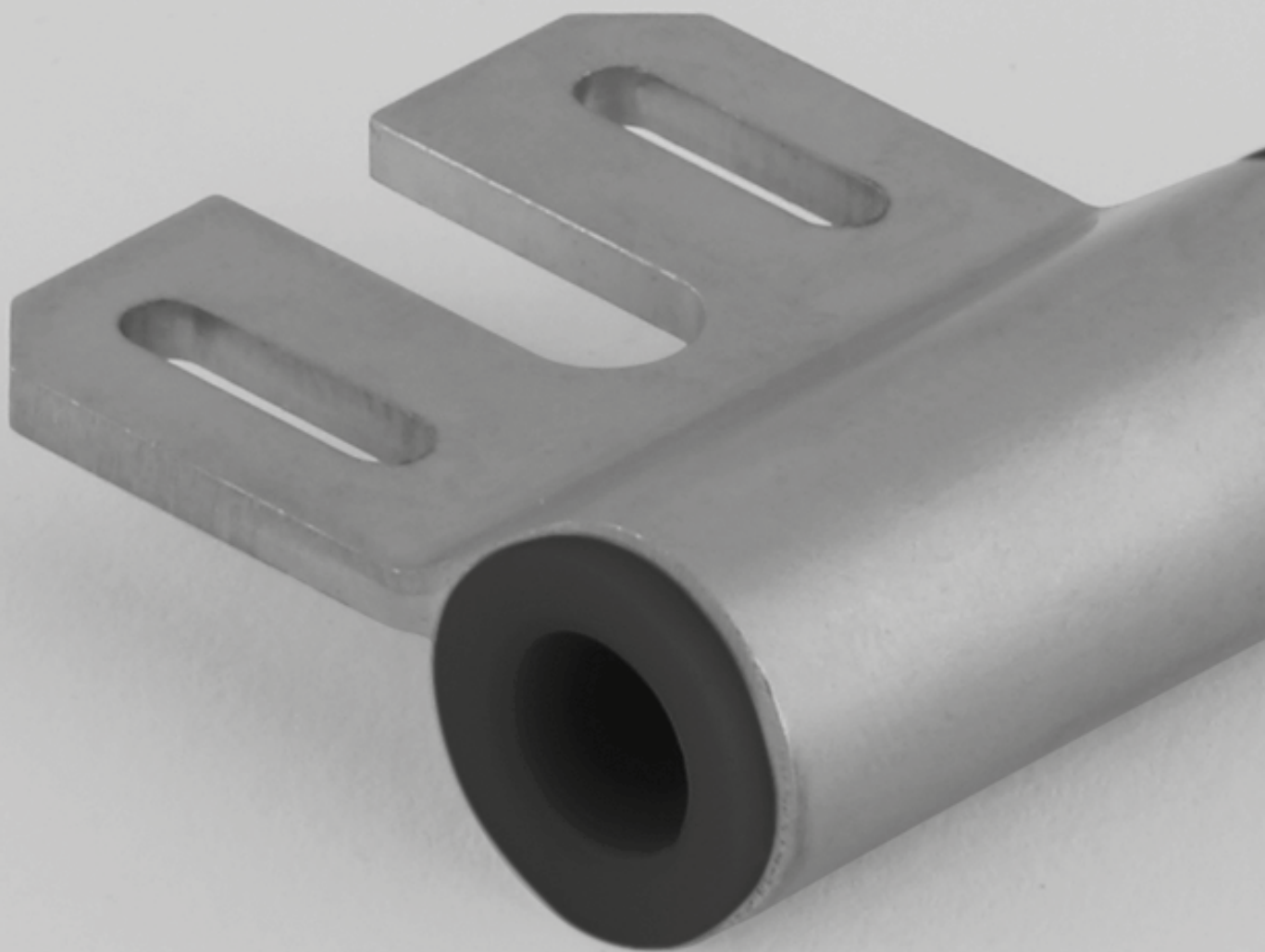
	Product description	Glass thickness	DIN	Art. No.
	Corner hinges, pairs with free glass edge on top resp. underneath and at side, height adjustable, extended colour options, door weight max. 35 kg	8 mm 10 mm		12.001 12.009
	Weight in kg: Aluminum 0.130 Brass 1.006			
	Pair of floor and top pivot for corner hinges, brass satin chromed, stainless steel pin			12.016*
	Weight in kg: 0.182			
	Piece of floor socket / top pivot left bottom / top right			12.014*
	Weight in kg: 0.091			
	Piece of floor socket / top pivot right bottom / top left			12.015*
	Weight in kg: 0.091			
	Frame fixed pivot for corner hinges 12.001 and 12.009, brass satin chromed, stainless steel pin			12.003*
	Weight in kg: stainless steel 0.132			
	Screw-in pivot stainless steel			12.004*
	Weight in kg: stainless steel 0.048			
	Set of corner hinges for 8 and 10 mm glass thickness with free glass edge on top resp. underneath and at side (glass preparation like Art. No. 12.001)		Left Right	12.040 12.041 (not illustr.)
	Consisting of 1 floor pivot, 1 bottom corner hinge (height adjustable), 1 top pivot, 1 top corner hinge, door weight max. 80 kg door width max. 1,100 mm			
	Weight in kg: Aluminum 0.825			

* Cannot be combined with corner hinges 12.040/12.041.

Content

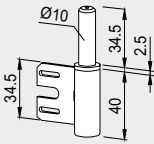
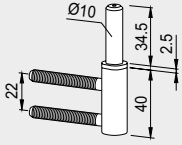
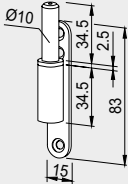
Accessories

100	Frame pivots for internal glass doors
102	Frame pocket
102	push-on sleeves
105	Door rails for internal doors
107	Door bolts / door catch
110	Accessories door closer
157	Safety-related information



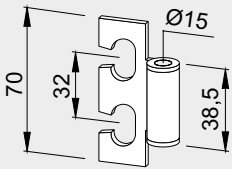
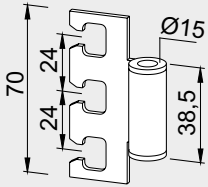
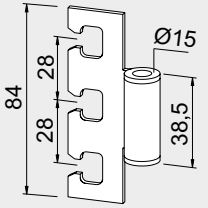
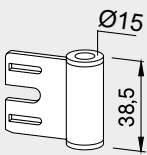
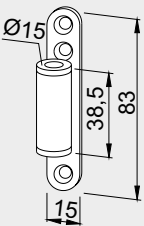
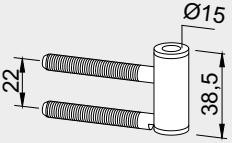
Accessories

Frame pivots for STUDIO

	Product description	Art. No.
	Frame pivot for steel frames with extra enhanced pivot pin for STUDIO hinges, zinc plated steel, plastic coated pivot pin Weight in kg: 0.078	10.423
	Frame pivot for wooden frames with extra enhanced pivot pin for STUDIO hinges, zinc plated steel, plastic coated pivot pin Weight in kg: 0.090	10.424
	Screw-on frame pivot with extra enhanced pivot pin for Studio hinges, zinc plated steel, plastic coated pivot pin Weight in kg: 0.094	10.407

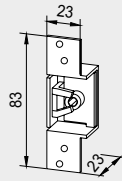
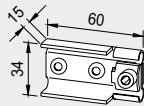
Please note the rebate depth when choosing each door hinge.

Frame pivots for OFFICE

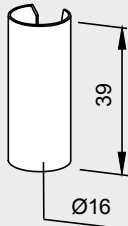
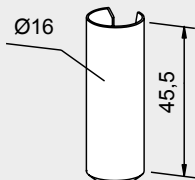
	Product description	Art. No.
	Frame pivot for 160 frame pocket (reception element for example VN 7608/160 3D, or equivalent) Satin stainless steel for door hinge 11.230, 11.288, 25.230, Weight in kg: 0.056	11.249
	Frame pivot for 120 mm type VN-frame pocket (reception element for example VN 7608/120 3D, or equivalent) stainless steel Weight in kg: 0.071	11.308
	Frame pivot for VX-frame pocket (reception element for example VX 7501 3D, or equivalent) stainless steel, plastic bushing, for all VX-mating portions, Weight in kg: 0.060	11.304
	Frame pivot for steel frames (reception element for example VN 8600, or equivalent) zinc plated steel, plastic bushing Weight in kg: 0.040 Frame pivot for steel frames stainless steel, plastic bushing Weight in kg: 0.045	11.309 11.307
	Screw-on frame pivot zinc plated steel, plastic bushing, Weight in kg: 0.047 Please note: not usable with Art. No. 11.230 with finish satin stainless steel (Niro S 700 ST) (700)	11.405
	Frame pivot for wooden frames (reception element for example V 4400, or equivalent) zinc plated steel, plastic bushing Weight in kg: 0.055	11.310

Please note the rebate depth when choosing each door hinge.

Frame pocket

	Product description	Art. No.
	Frame pocket for steel frame zinc plated steel Weight in kg: 0.073	10.406
	Frame pocket for wooden frame zinc plated steel Weight in kg: 0.060	10.405
		

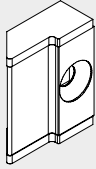
Push on sleeves

	Product description	Art. No.
	Push-on sleeve for OFFICE frame pivots Art. No. 11.307 11.309 11.310 11.405 Weight in kg: Aluminum 0.002	11.311
	Push-on sleeve for STUDIO frame pivots Art. No. 10.400 10.404 10.407 Weight in kg: Aluminum 0.002 MS 0,006	10.408
		

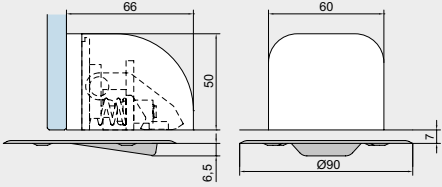
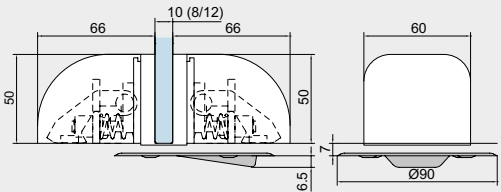
Strike plates

	Product description	Art. No.
	Corner strike plate Weight in kg: Aluminum 0.008	10.401
	Corner strike plate Weight in kg: Stainless steel 0.019	10.421
	Strike plate Weight in kg: Brass 0.022	10.422
	Corner strike plate with 16 mm leg Weight in kg: Aluminum 0.008	10.411
	Corner strike plate Weight in kg: Aluminum 0.038	11.313

Special latch for adaptation by the customer

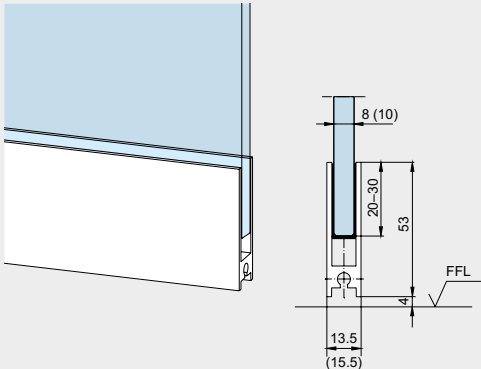
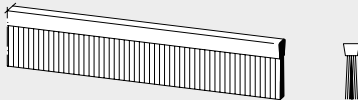
	Product description	Art. No.
	Single latch for Austrian norm frames and for the combination of 10 mm glass with a 24 mm frame depth, usable for STUDIO Rondo, Classic, Gala and Arcos	10.066

Easy-Stop

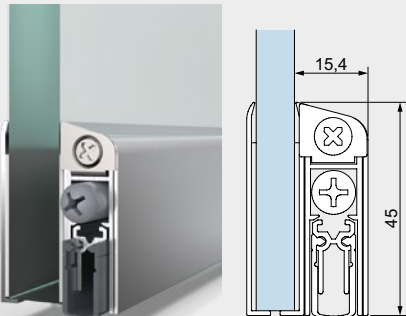
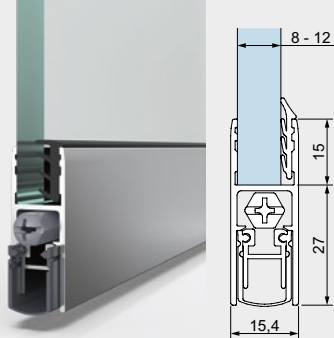
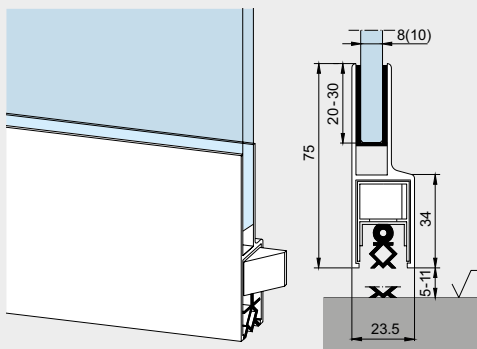
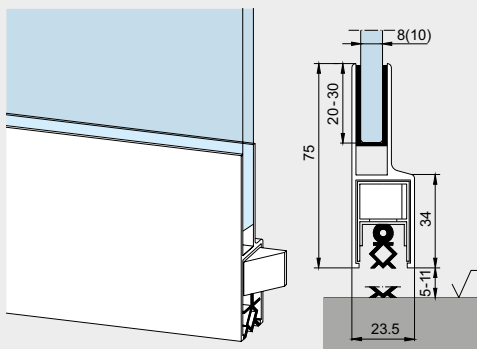
	Product description	Glass thickness	Art. No.
	Barrier-free floor doorstop for single-action doors, stainless steel adapter for bonding, plastic cover, with UV-adhesive Weight in kg: 0.335		10.591
	Barrier free floor doorstop – Easy Stop for double-action doors Stainless steel adapter for bonding, plastic cover Weight in kg: 0.679	8 mm 10 mm 12 mm	10.592 10.593 10.594
	Barrier free floor doorstop – Easy Stop for wooden and metal frame doors Weight in kg: 0.335		10.595 (not illustr.)

Further floor and wall door stops see page 109

Door rails for 8 mm and 10 mm glass thickness

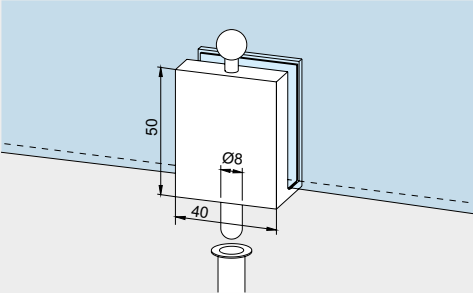
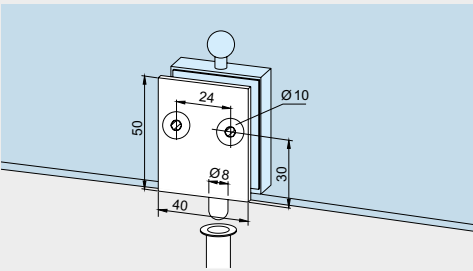
	Product description	Glass thickness	Art. No.
	Door rail push on fit, with pair of plastic end caps		
	norm length 834 mm	8 mm	12.102
		10 mm	12.122
	norm length 959 mm	8 mm	12.103
		10 mm	12.123
	stock length 1,200 mm	8 mm	12.104
		10 mm	12.124
	fixed length 1,200 mm (for adaptation by the customer)	8 mm	12.100
		10 mm	12.120
	Weight in kg: Aluminum		0.833
	Brush seal to insert into door rails, with plastic brush, 5 mm projection, stock length 2,000 mm fixed length 1,200 mm stock length 1,000 mm fixed length 1,000 mm		12.110 12.111 12.115 12.116
	Weight in kg:	8 mm	12.106 (not illustr.)
	Plastic end cap black	8 mm	12.108 (not illustr.)
	Plastic end cap white	10 mm	12.108 (not illustr.)
	Weight in kg:		0,001
	Plastic end cap black		
	Weight in kg:		0.001
	Plastic end cap white	10 mm	12.109 (not illustr.)
	Weight in kg:		0.001

Door rails with automatic seals

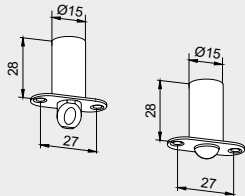
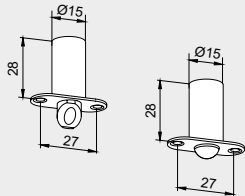
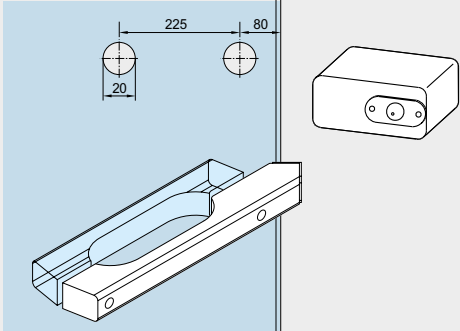
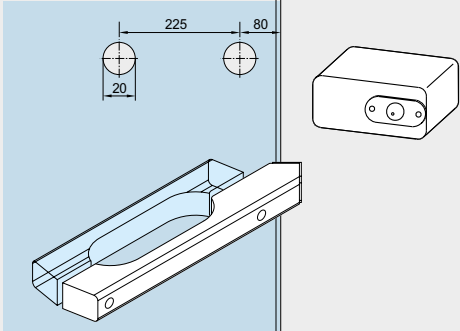
	Product description	Lengths	Surface	Glass thickness	Art. No.
	Door rail with drop-down seal Schall-Ex® GS-A	833 mm	F 150	≥ 6 mm	812.434.150.99
			F 157	≥ 6 mm	812.434.157.99
	• Seal and cover profile self-adhesive	958 mm	F 150	≥ 6 mm	812.439.150.99
			F 157	≥ 6 mm	812.439.157.99
	• Suitable for all doors with a glass thickness of 6 mm or more	1,083 mm	F 150	≥ 6 mm	812.444.150.99
			F 157	≥ 6 mm	812.444.157.99
	Transfer door rail with drop-down seal for bonding on site Schall-Ex® GS-H8/12	833 mm	F 150	8-12 mm	812.430.150.99
			F 157	8-12 mm	812.430.157.99
	• Universal glass door seal for doors with glass thicknesses from 8 - 12 mm	958 mm	F 150	8-12 mm	812.435.150.99
			F 157	8-12 mm	812.435.157.99
	• 1,083 mm	1,083 mm	F 150	8-12 mm	812.440.150.99
			F 157	8-12 mm	812.440.157.99
	Door rail with automatic seal, push on fit	834 mm	Left	8 mm	12.202
			Right	8 mm	12.203
	Weight in kg: Aluminum 1.559		Left	10 mm	12.212
			Right	10 mm	12.213
		959 mm	Left	8 mm	12.204
			Right	8 mm	12.205
			Left	10 mm	12.214
			Right	10 mm	12.215
		Fixed length up to 1,200mm	Left	8 mm	12.200
			Right	8 mm	12.201
			Left	10 mm	12.210
			Right	10 mm	12.211

All Planet door rails may be shortened by max. 125 mm on site.
Please indicate the exact glass dimension with your order!

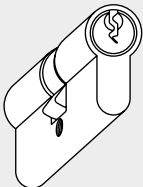
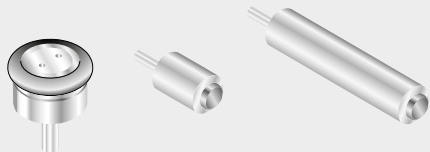
Door bolts

	Product description	Glass thickness	Art. No.
	Slide over door bolt with floor socket Weight in kg: Aluminum 0.121	8 mm	12.301
	with floor socket Weight in kg: Aluminum 0.113	10 mm	12.302
	Slide over strike box to slide over door bolt Art. No. 12.301 Weight in kg: Aluminum 0.160	8 mm	12.314
	to slide over door bolt Art. No. 12.302 Weight in kg: Aluminum 0.130	10 mm	12.317
	Door bolt on glass preparation, Weight in kg: Aluminum 0.121	8 mm 10 mm	12.312 12.315
	Door bolt on glass preparation, with free glass edge Weight in kg: Aluminum 0.099	8 + 10 mm	12.318
	Strike box on glass preparation to door bolt Art. No. 12.312 Weight in kg: Aluminum 0.130	8 mm	12.313
	Strike box on glass preparation to door bolt Art. No. 12.315 Weight in kg: Aluminum 0.087	10 mm	12.316

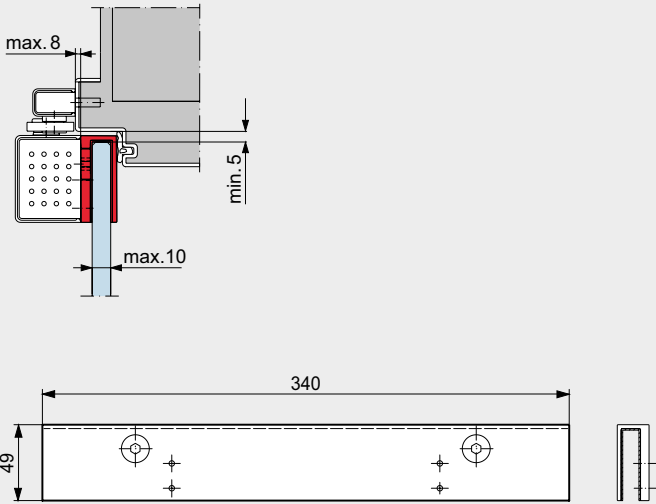
Door bolts

	Product description	Glass thickness	Art. No.
	Door catch plastic		12.300
	Weight in kg: plastic 0.007		
	Door catch with round bolt		12.305
	Weight in kg: plastic 0.007		
	Wooden snapper block for sauna , alder wood		13.006
	Weight in kg: wood 0.045		
	Wooden handle for sauna , alder wood		13.005
	Weight in kg: wood 0.267		

Profile cylinder

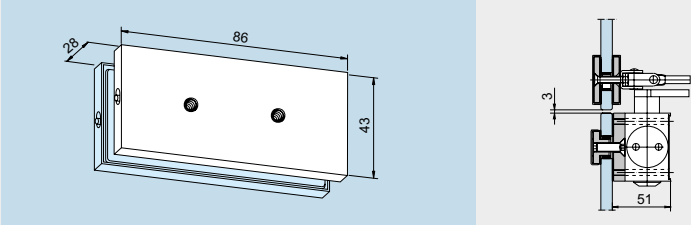
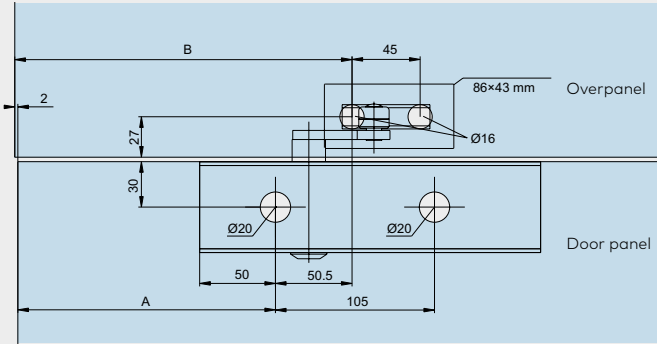
	Product description	Art. No.
	Profile cylinder length 61 mm, differently keyed,	05.001
	Profile cylinder length 61 mm, equally keyed,	05.002
	Further cylinders of the DORMA-Glas range on demand.	
	Floor doorstop	29.950
	Wall doorstop short	29.951
	Wall doorstop long	29.952

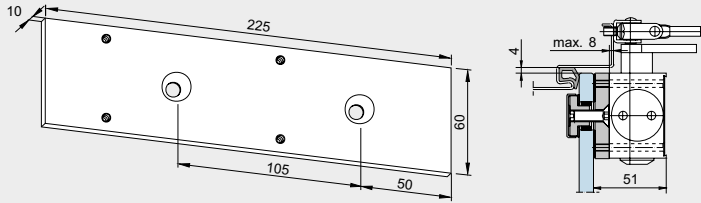
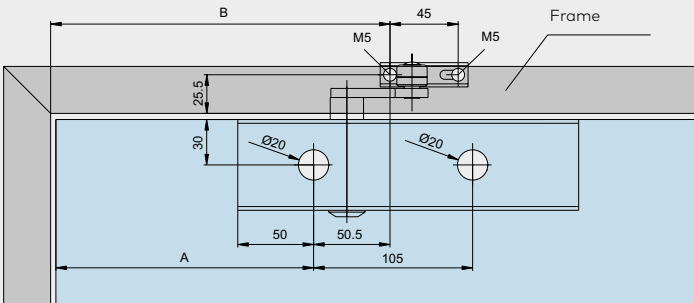
TS 97

	Product description	Art. No.
	TS 97 inclusive glass fixing bracket No glass recess machining or drilling required. The TS 97 with this special glass fixing bracket should be used with STUDIO and OFFICE hinges.	18.070

Accessories

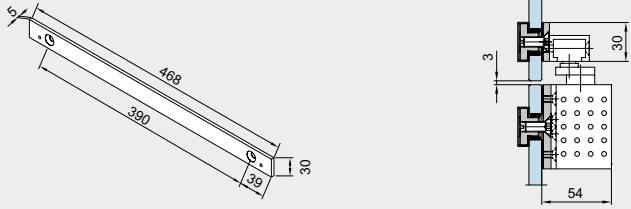
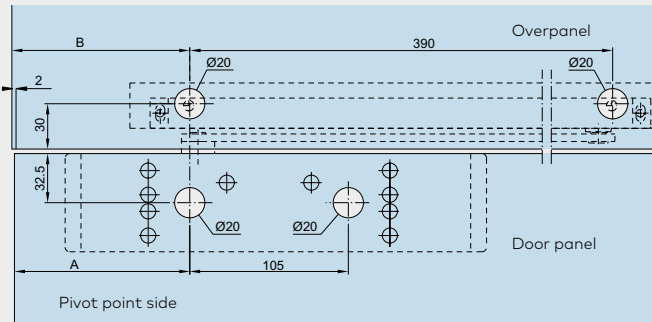
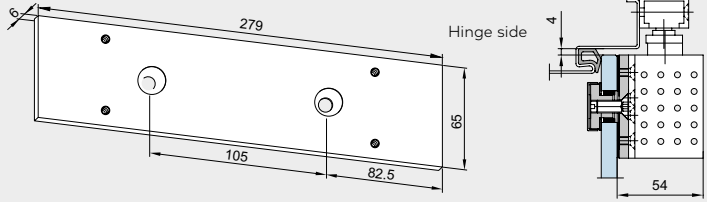
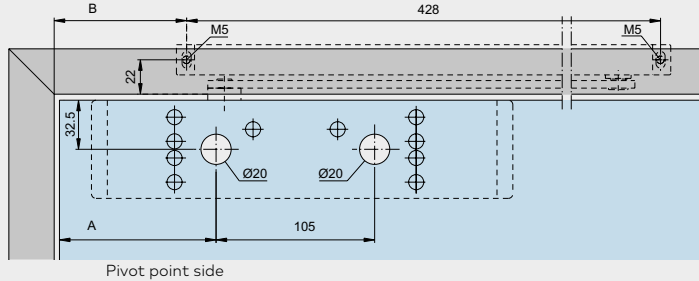
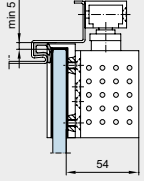
for dormakaba Door Closer TS 73 V

Product description		Art. No.
	Fixing plate for TS 73 V, projecting arm for overpanel	12.330
	Weight in kg: Aluminum	0.132
	Pivot point fitting	A
		B
	EA (AT)	195
	UNIVERSAL / MUNDUS	245
	STUDIO / OFFICE	170
	UNIVERSAL Arcos	262
		315

Product description		Art. No.
	Fixing plate 225 mm, for TS 73 V	12.335
	Weight in kg: Aluminum	0.289
	Pivot point fitting	A
	EA (AT)	195
	UNIVERSAL / MUNDUS	245
	STUDIO / OFFICE	170
	UNIVERSAL Arcos	262

The door closers can only be purchased either through wholesale channels or directly from our Door Hardware division.

for dormakaba Door Closer TS 92

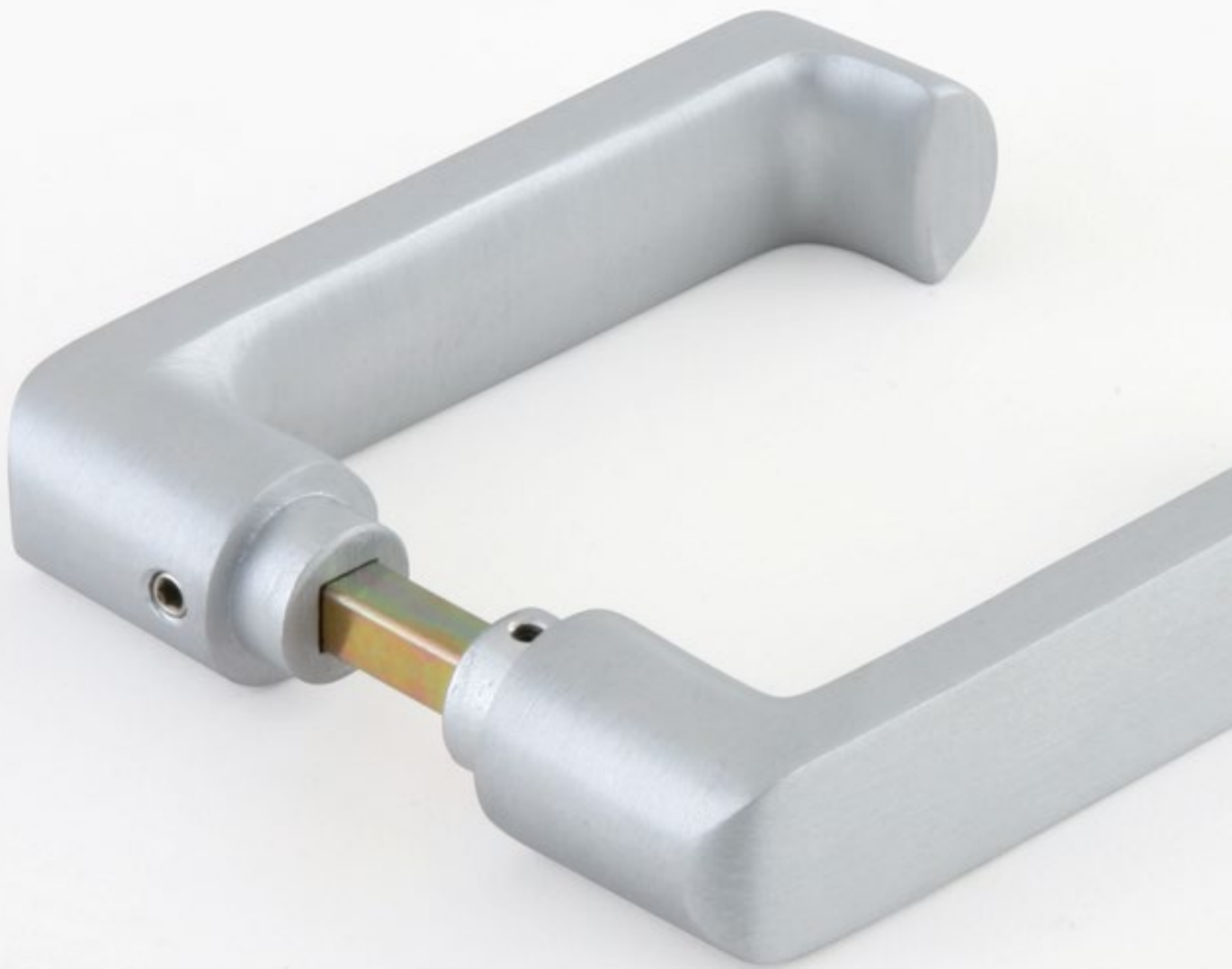
Product description		Art. No.
	Fixing plate for TS 92, sliding rail for overpanel. Further infor- mation and installation types you will find in the technical brochure TS 92.	12.332
	Weight in kg: Aluminum 0.265	
	Pivot point fitting	A B
	EA (AT)	200 202
	UNIVERSAL / MUNDUS	250 252
	STUDIO / OFFICE	148 150
	UNIVERSAL Arcos	265 267
Product description		Art. No.
	Fixing plate 279 mm, for TS 92 (Issue 07/02)	12.334
	Weight in kg: Aluminum 0.290	
	Pivot point fitting	A
	EA (AT)	200
	UNIVERSAL / MUNDUS	250
	STUDIO / OFFICE	148
	UNIVERSAL Arcos	265
Product description		
	Saddle plate Availabe for purchase from our Door Hardware division.	

The door closers can only be purchased either through wholesale channels or directly from our Door Hardware division.

Content

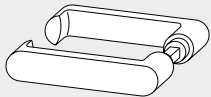
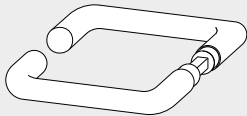
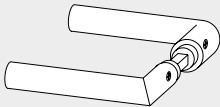
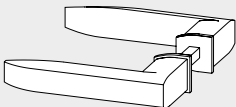
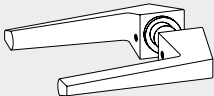
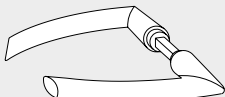
Lever range

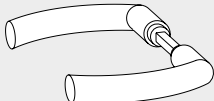
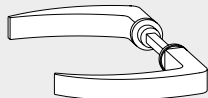

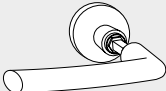
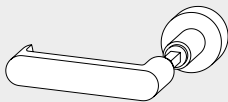

114	Lever for follower
117	Levers with roses
157	Safety-related information



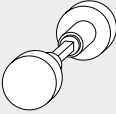
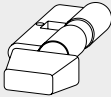
Lever range

Sets of levers for locks with follower (diameter 18 mm)

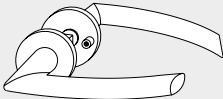
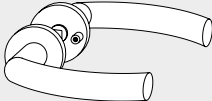
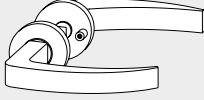
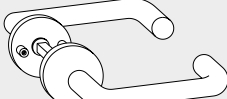
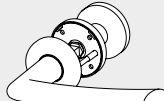
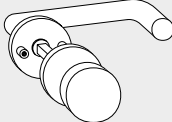

	Product description	Art. No.
	Set of levers with flat hand part, extended colour options Weight in kg: Aluminum 0.290	10.314
	Set of levers tubular Weight in kg: Aluminum 0.320	10.301
	Set of levers tubular, for follower, with stainless steel square drive Weight in kg: Aluminum 0.452	10.322
	Set of levers OFFICE levers Weight in kg: Stainless steel 0.381	11.299
	Set of levers Weight in kg: Aluminum 0.350	19.009
	Set of levers with angular hand part Weight in kg: Aluminum 0.392	10.010
	Arcos Set of levers Weight in kg: Aluminum 0.353 Brass 0.959	24.301

	Product description	Art. No.
	Set of levers with oval handle Weight in kg: Aluminum 0.300	24.310
	Set of levers with angular handle Weight in kg: Aluminum 0.267	24.312
	L-shape lever 33 Weight in kg: stainless steel 0,380	52.330
	Arcos lever and knob set with Arcos lever and free turnable knob (turnable knob without function) Weight in kg: Aluminum 0.335	24.316
	Lever and knob set lever with flat hand part, fixed knob, for use with nightlatch function locks (turnable knob without function) Weight in kg: Aluminum 0.270	10.304
	Lever and knob set tubular lever with free turning knob (turning without function) Weight in kg: Aluminum 0.335	10.316
	Lever and knob set tubular lever with turning knob Weight in kg: Aluminum 0.345	10.317

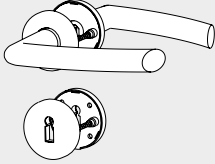
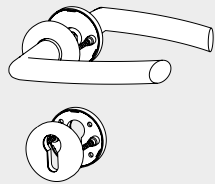
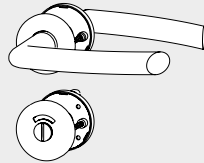
Sets of levers for locks with follower

	Product description	Art. No.
	Set of knobs turning knob	10.305
	Weight in kg: Aluminum 0.255	
	Thumbturn cylinders (WC), for locks prepared for Europrofile cylinder, thumbturn in aluminum, extended colour options	10.310
	Weight in kg: 0.225	

Sets of levers for locks prepared for levers with roses

	Product description	Art. No.
	Arcos Set of levers with roses Weight in kg: Aluminum 0.420	24.307
	Set of levers with oval handle, with roses Weight in kg: Aluminum 0.379	24.311
	Set of levers with angular handle, with roses Weight in kg: Aluminum 0.344	24.313
	Set of levers tubular, with roses Weight in kg: Aluminum 0.320	10.307
	Arcos lever and knob set with Arcos lever and free turnable knob (turnable knob without function) Weight in kg: Aluminum 0.377	24.318
	Lever and knob set tubular lever with fixed knob, with roses Weight in kg: Aluminum 0.400	10.318
	Lever and knob set tubular lever with knob, with roses Weight in kg: Aluminum 0.400	10.319
	Set of L form levers with roses Weight in kg: Aluminum 0.424	10.331 (not illustr.)

Sets of levers with roses for wooden doors

	Product description	Art. No.
	Set of levers for wooden doors incl. warded key rose Weight in kg: Aluminum 0.485	24.322
	Set of levers for wooden doors incl. profile cylinder rose Weight in kg: Aluminum 0.485	24.323
	Set of levers for wooden doors incl. vacant / occupied indicator Weight in kg: Aluminum 0.531	24.324

Space for your notes

Content

BEYOND

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BEYOND

Systematic design

Safe, functional and extremely attractive, BEYOND, the unique system for glass doors without risk of pinched fingers with swing doors.

The development of BEYOND has been shaped by the search for a solution that combines a modern, attractive design with maximum safety and stability. In the swing-door system the pivot point is located directly at the glass edge, thus preventing the risk of trapped fingers often found at the secondary closing edges of glass swing.

BEYOND opens up a huge range of opportunities for incorporating frameless glass doors into toughened glass assemblies and wall openings. The BEYOND system offers an elegant, sophisticated solution for swing doors in all situations, whether private or public, modern or traditional.

Developed with the practical requirements of the market in mind, this product offers a sensible alternative wherever security, safety and functionality need to be complemented with an attractive design.



Safe and secure

The patented BEYOND swing door system with its pivot point located centrally in the glass axis and close to the glass edge ensures safety and security. The alternative options of elegant, continuous pivot rod or smart short rod make the system suitable for any room situation. And with a choice of pull handles or lock/lever handle combinations, BEYOND enables the realisation of your design ideas.



The over panel pivot fitting
– a slim connector.



An option for the bottom pivot point – short rod on a floor pivot.

If floor pivot bearings are being used, a separate lock or a tumbler is required.

Short pivot rod

The BEYOND swing door system with short pivot rod offers maximum flexibility. No matter what the door dimensions, BEYOND short fittings provide a versatile solution.

DORMA-Glas floor pivots, or – particularly for double-action doors – dormakaba BTS floor springs, form the ideal base for ensuring that the door always returns safely and securely to its home position. Since with the BTS floor spring the position of the pivot point requires it to be buried under the adjacent wall, the use of a glass side panel is recommended in this case. The top connection depends on the type of unit. When incorporating the glass door into a toughened glass assembly, the top connection is formed by an over panel pivot fitting; in the case of doors in wall openings, a top pivot bearing is fitted to the ceiling or in the lintel.

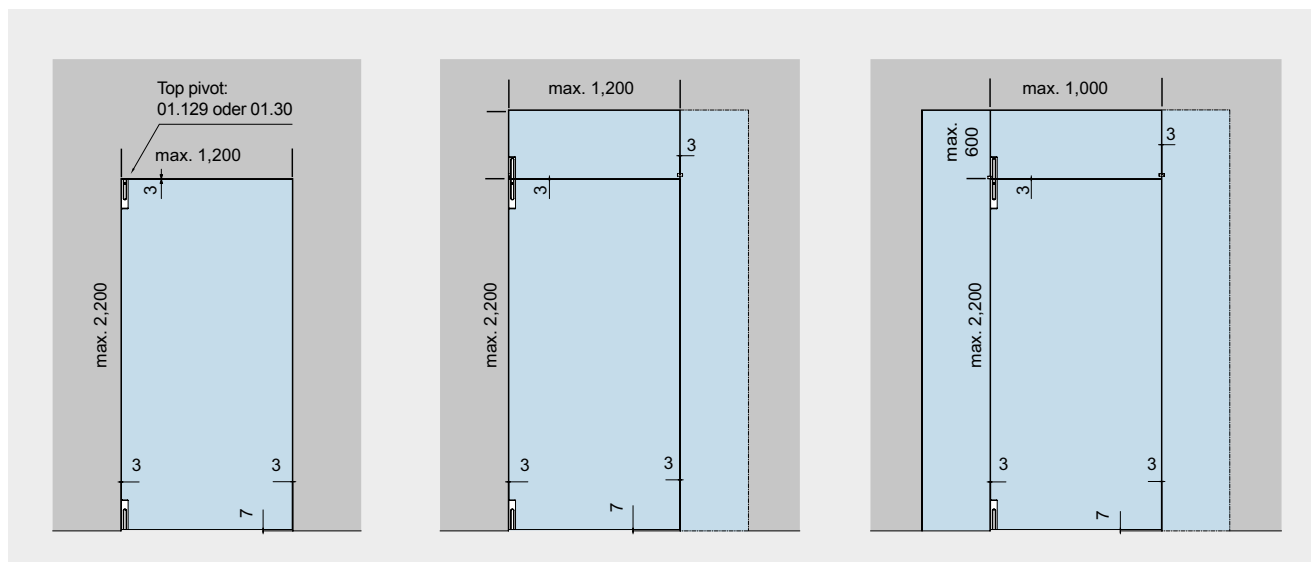
Load transfer from the overpanel and side panel can be effected by means of wall adapter profiles.

Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass. Finishes for fittings and accessories: aluminum EV1-Deco anodized (114) or similar satin stainless steel anodized (107).

For maximum values please see the typical assemblies.

Note:

Overpanel fitting wall connector
max. 1,200 mm door width;
overpanel fitting glass connector
max. 1,000 mm door width.



Basic set for individual door.
For installation in masonry.

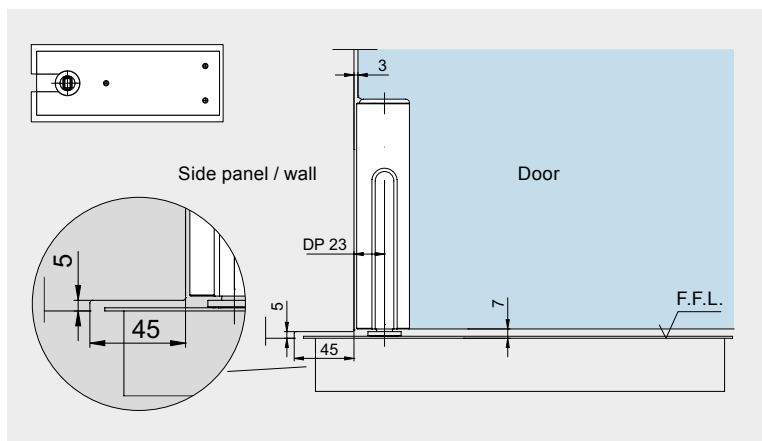
Max door height 2,200 mm
Max door weight 80 kg

Basic set and over panel fitting wall connector for door with over panel.
Optionally with side panel on closing side.

Max door height 2,200 mm
Max door weight 80 kg

Basic set and over panel fitting wall connector for door with over panel and side panel on pivot point side.
Optionally with side panel on closing side.

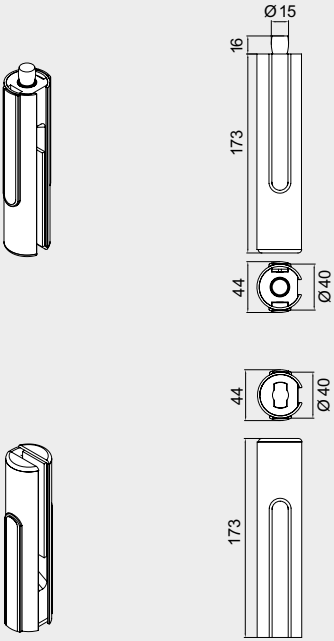
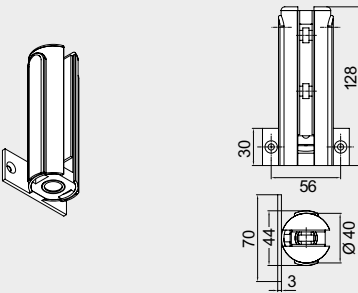
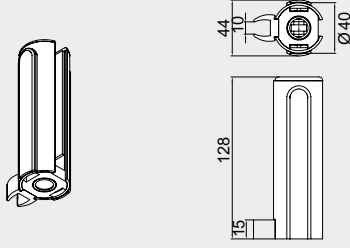
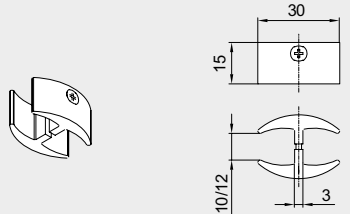
Max door height 2,200 mm
Max door weight 80 kg



Combination BEYOND and dormakaba BTS

(door closer available from Door Control Division)
With the dormakaba BTS floor spring, the position of the pivot point means that the unit has to be buried under the adjacent wall, or that the glass side screen has to be appropriately machined (see adjacent detail). The height of the recess cut into the glass will need to be adapted to the installation situation and the means by which the side screen is fixed.

Fittings and glass connector

	Product description	Glass thickness	Art. No.
	BEYOND basic set: Pivoting fitting set, short type, comprising <ul style="list-style-type: none"> • 1 top pivot fitting with pivot Ø 15 mm, • 1 bottom pivot fitting with insert for floor spring spindle (90° turnable, e. g. dormakaba BTS 80) or round pivot 	10 mm	30.100
		12 mm	30.101
	BEYOND overpanel fitting, wall connector, with plastic socket for top pivot	10 mm	30.120
		12 mm	30.121
	BEYOND overpanel fitting, glass connector, with plastic socket for top pivot	10 mm	30.130
		12 mm	30.131
	BEYOND glass connector, plastic, black, for connection of side panel at closing side	10 mm and 12 mm	30.320

Continuous pivot rod

The BEYOND swing door system with continuous rod offers complete freedom from the risk of trapped fingers. By locating the pivot point of the swing door right at the glass edge and providing a round profile, the nip hazard is reduced to zero.

For the floor mounting of single-action, and particularly double-action doors, the dormakaba BTS floor spring offers a convenient alternative to the DORMA-Glas floor pivot. Since with the BTS floor spring the position of the pivot point requires it to be buried under the adjacent wall, the use of a glass side panel is recommended in this case. As with the short-rod model, the top connection depends on the type of unit. Toughened glass assemblies are fitted with an over panel pivot fitting, whereas with doors in wall openings a top pivot bearing with ceiling fixing is used. Load transfer from the over panel and side panel can be effected by means of wall adapter profiles.

In the case of heights over 2,200 mm, an anti-vibration device located midway along the pivot rod ensures quiet door operation.

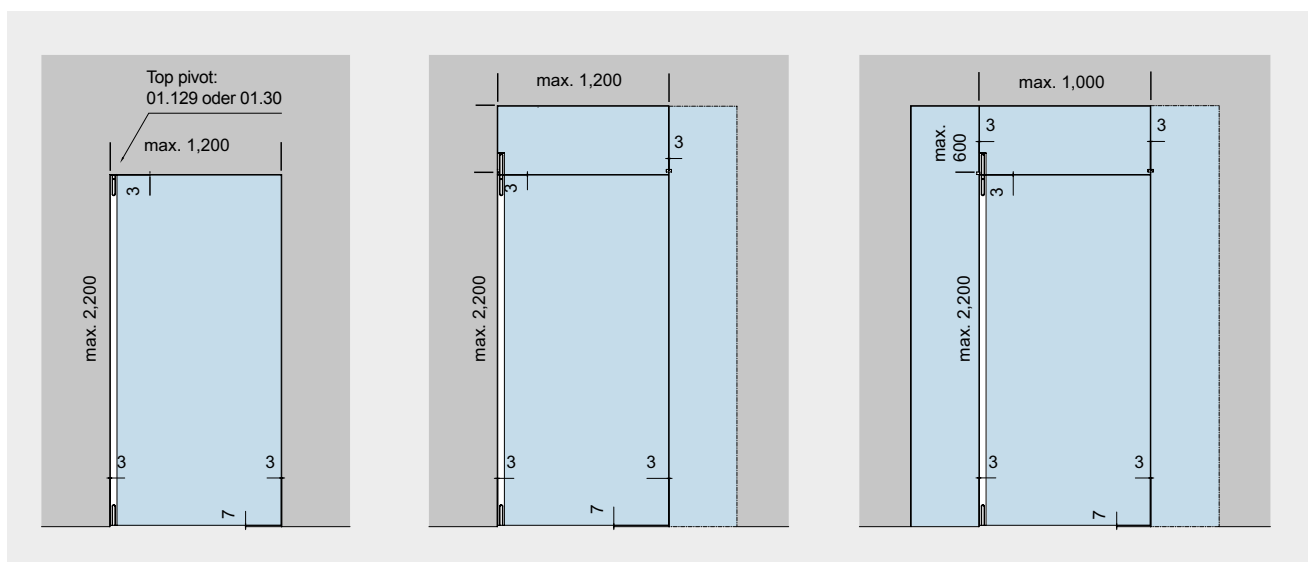
Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass.

Finishes for fittings and accessories: aluminum EV1-Deco anodized (compatible with finish 150) (114) or similar satin stainless steel anodized (107).

For maximum values please see the typical assemblies.

Note:

Overpanel fitting wall connector
max. 1,200 mm door width;
overpanel fitting glass connector
max. 1,000 mm door width.



Basic fitting for individual door.

For installation in masonry.

Max door height 2,200 mm
Max. door weight 80 kg

Basic fitting and over panel fitting wall connector for door with over panel.

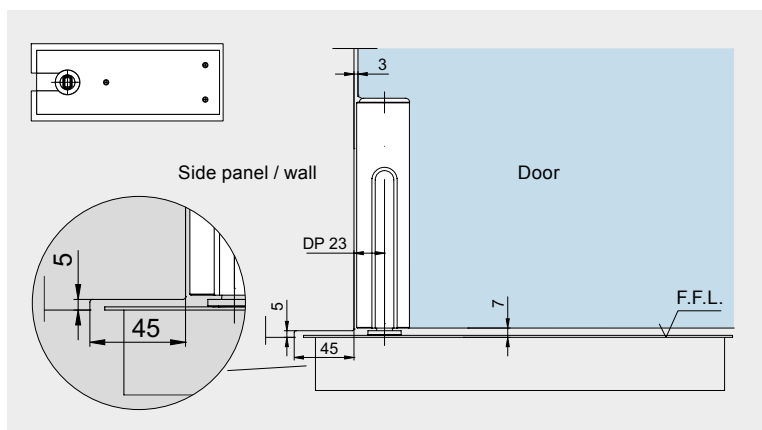
Optionally with side panel on closing side.

Max door height 2,200 mm
Max. door weight 80 kg

Basic fitting and over panel fitting wall connector for door with over panel and side panel on pivot point side.

Optionally with side panel on closing side.

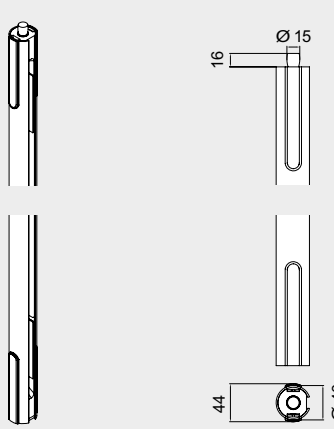
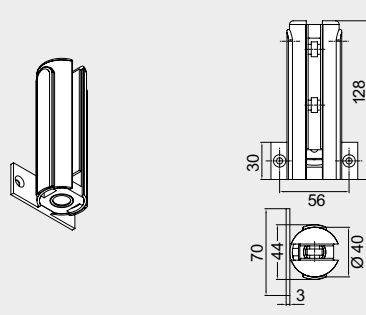
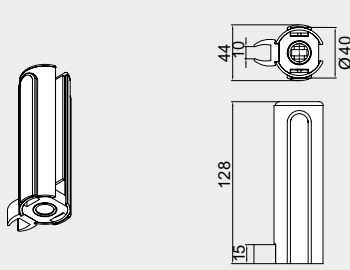
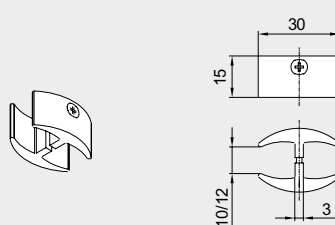
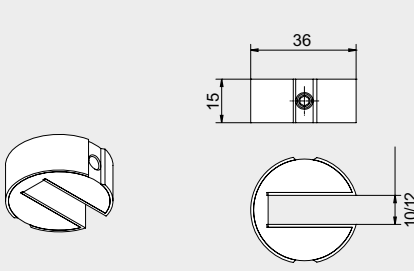
Max door height 2,200 mm
Max. door weight 80 kg



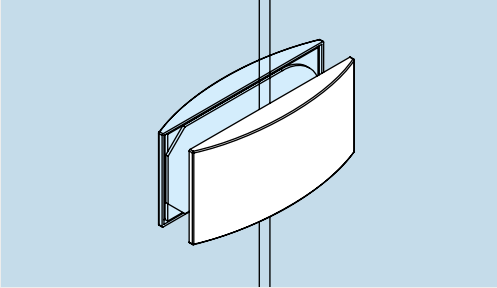
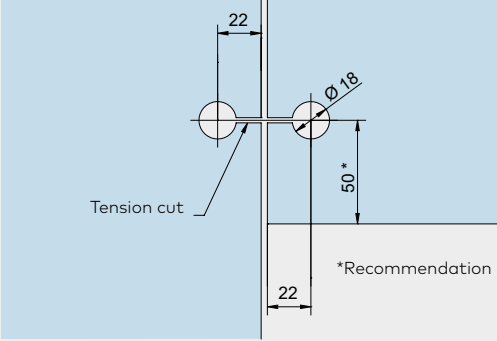
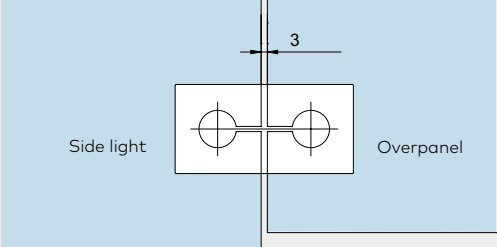
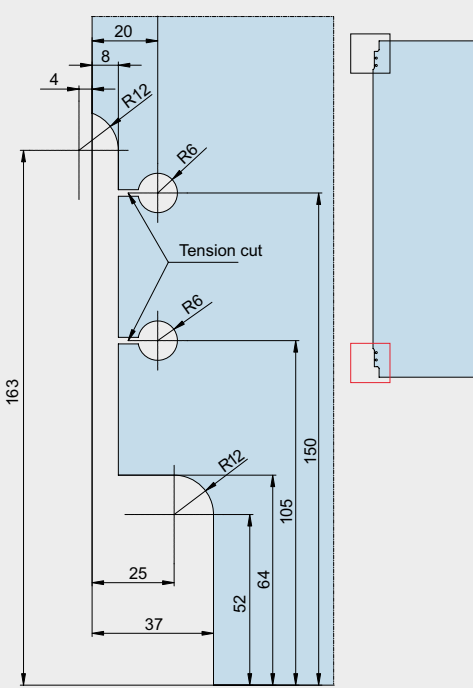
Combination BEYOND and dormakaba BTS

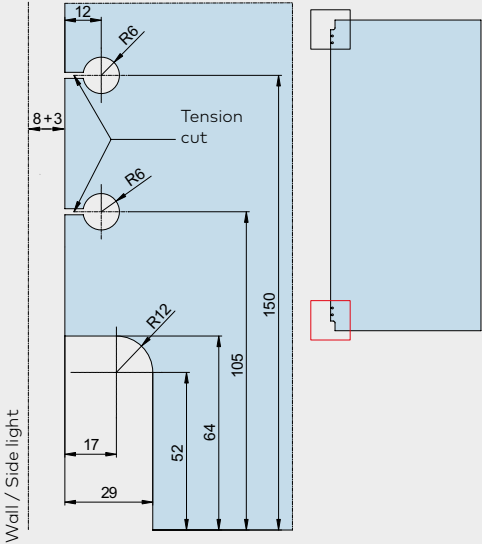
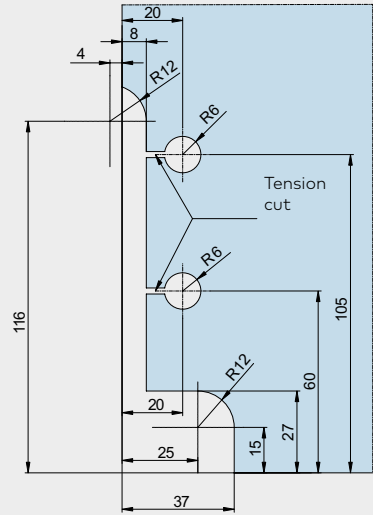
(door closer available from Door Control Division)
With the dormakaba BTS floor spring, the position of the pivot point means that the unit has to be buried under the adjacent wall, or that the glass side screen has to be appropriately machined (see adjacent detail). The height of the recess cut into the glass will need to be adapted to the installation situation and the means by which the side screen is fixed.

Fittings and glass connector

	Product description	Glass thickness	Art. No.
	BEYOND basic fitting: Pivoting fitting, long type, with pivot Ø 15 mm at top and insert for floor spring spindle (90° turnable, e. g. dormakaba BTS 80) or round pivot at bottom Please indicate exact door height = glass measurement with order.	10 mm	30.110
		12 mm	30.111
	BEYOND overpanel fitting, wall connector, with plastic socket for top pivot	10 mm	30.120
		12 mm	30.121
	BEYOND overpanel fitting, glass connector, with plastic socket for top pivot	10 mm	30.130
		12 mm	30.131
	BEYOND glass connector, plastic, black, for connection of side panel at closing side	10 mm and 12 mm	30.320
	BEYOND anti-vibration device for pivot fitting, long	10 mm 12 mm	30.034 30.035

Glass preparation

	Product description	Art. No.
	Overpanel-sidelight connector Weight in kg: Aluminum 0.146	12.536
		
		
	Pivoting fitting set, short type Drawing shows the bottom glass penetration. Top edge of glass is prepared accordingly.	30.100 30.101

	Product description	Art. No.
	Pivoting fitting, long type	30.110
	Drawing shows the bottom glass penetration. Top edge of glass is prepared accordingly.	30.111
	Overpanel fitting	30.120
	Wall connector and	30.121
	glass connector	30.130
		30.131

Content

TENSOR

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TENSOR

Movement – Tension – TENSOR

There are many arguments in favour of installing a toughened glass door – as many as there are applications and functional possibilities. Double-action doors offer particular convenience. And all the more so where the door is returned to the desired closed position by the action of the hinges alone – without any need for a recessed floor spring or an overhead door closer cluttering the top edge of the glass panel.

The TENSOR concept sets a new standard in this regard – whether for new installations or refurbishments.

TENSOR double-action door hinges can be fixed directly to the masonry or to a non-rebated frame. In the case of "glass-to-glass" model, the double-action door is hung from a fixed toughened glass side screen.

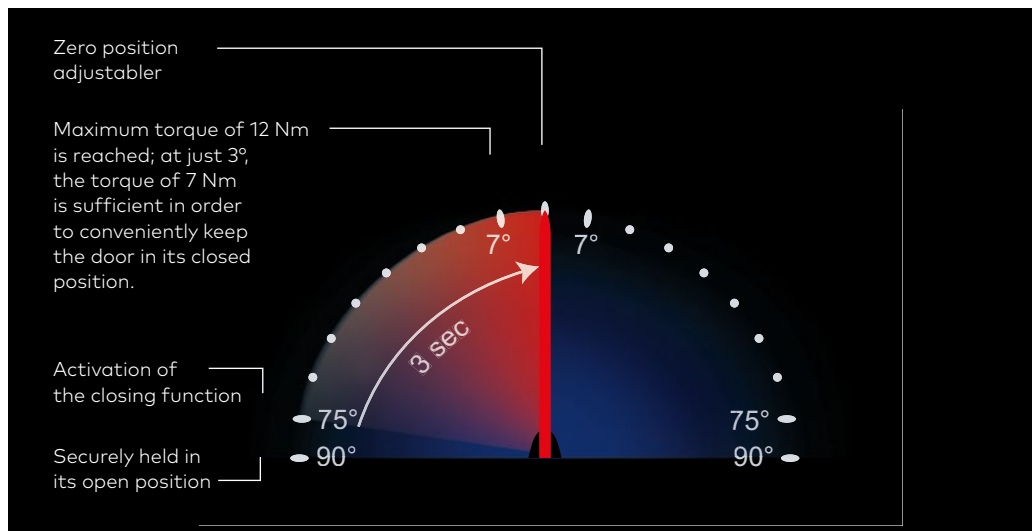
Excellent returns from every angle

Viewed "superficially", the TENSOR design exhibits a slightly convex, curved form. Also attractively conspicuous is the inlay of the DORMA-Glas brand, harmoniously integrated within the satin-finished aluminum hinge components. The emblem may be selected to match or to contrast with the hinge finish – three inlays of different colours are provided with each set. The inlay serves as a mechanical stop for the hinge, thus protecting the surface of the fixed hinge section against damage when the door is opened to 90°.

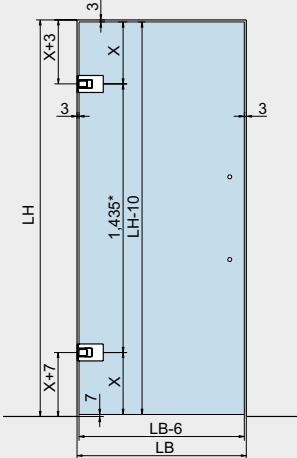
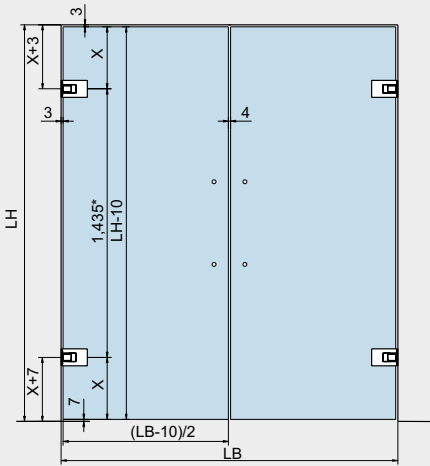
And it also conceals to the technical core of the system – the simple and high-precision zero-position adjustment mechanism. This is an essential feature for ensuring the effective and efficient closing of a double-action door.

At 90°, the TENSOR system holds the door firmly and securely in position. Once pushed in the closing direction, the spring mechanism of the TENSOR fitting takes over, operating from an angle of 75°. The door closes quickly and securely. And even at an opening angle of 3°, the torque of 7 Nm created is sufficient to keep the door conveniently in its closed position.



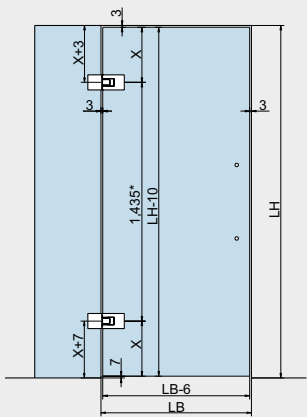
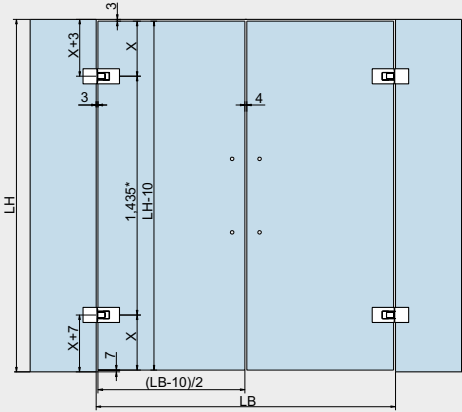


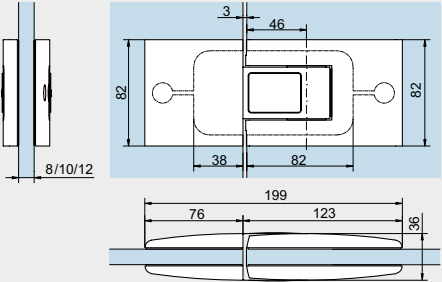
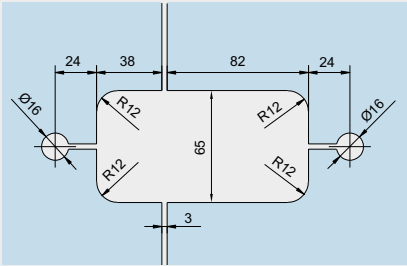
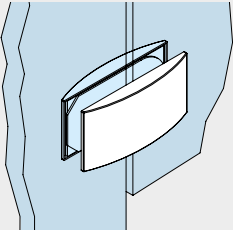
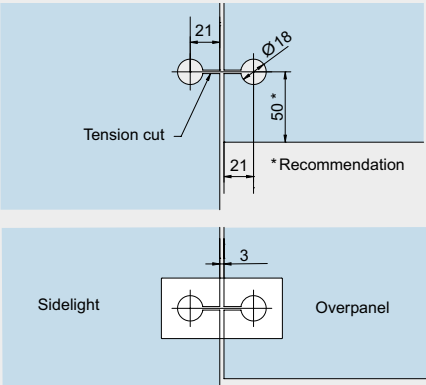
For wall / frame fixing

	Product description	Glass height	Glass width
	TENSOR Double-action door fixed to wall / frame with surface mounted mounting plate Single leaf Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1,000 mm LH = Clear height LB = Clear width * for glass height 1,800 - 2,500 mm (min. 700 mm panel width)	LH-10	LB-6
	TENSOR Double-action door fixed to wall / frame with surface mounted mounting plate Double leaf Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1,000 mm LH = Clear height LB = Clear width * for glass height 1,800 - 2,500 mm (min. 700 mm panel width)	LH-10	(LB-10)/2

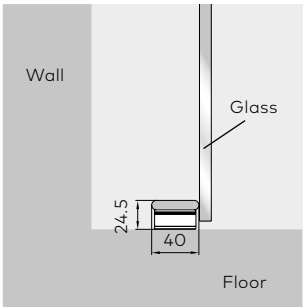
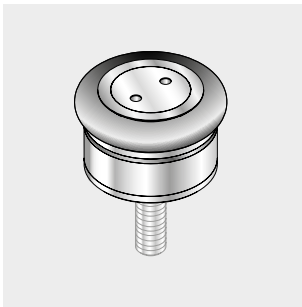
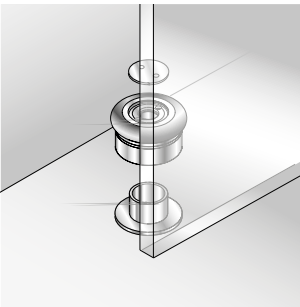
	Product description	Glass thickness	Art. No.
	TENSOR Double-action hinges Pair of double-action hinges incl. mounting plate, round; for installation onto wall or frame with surface mounted mounting plate dto but with 2 stops (29.950)	8, 10 and 12 mm	12.520
	Finishes: AL EV1-Deco anodized (114) (compatible with finish 150) AL similar satin stainless steel anodized (113)		12.527
	Glass preparation		
	Drilling scheme		
	<p>Please note: Condition is a suitable substructure!</p> <p>For the frame installation our inside frame connector 12.526 is available (Detail: 12-152A).</p> <p>Excessiv opening of the door must be prevented (max. 90°). Please use a door stop – see page 138</p>		

Glass to glass

	Product description	Glass height	Glass width
	TENSOR Double-action door fixed to glass side panel Single leaf Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1,000 mm Side panel width: max. 1,500 mm LH = Clear height LB = Clear width * for glass height 1,800 - 2,500 mm (min. 700 mm panel width)	LH-10	LB-6
	TENSOR Double-action door fixed to glass side panel Double leaf Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1,000 mm Side panel width: max. 1,500 mm LH = Clear height LB = Clear width * for glass height 1,800 - 2,500 mm (min. 700 mm panel width) Note: The fixed parts must be installed all around the wall connection profile (see technology brochure Fittings for toughened glass systems).	LH-10	(LB-10)/2

	Product description	Glass thickness	Art. No.
	TENSOR Double-action hinges	8, 10 and 12 mm	12.523
	Pair of double-action hinges for installation glass to glasse		
	dto but with 2 stops (29.950)		12.529
	Finishes: AL EV1-Deco anodized (114) (compatible with finish 150) AL similar satin stainless steel anodized (113)		
	Glass preparation / Drilling scheme		
	for Art. No. 12.523		
	Overpanel-sidelight connector		12.536
	Weight in kg: Aluminum	0.146	
	Glass preparation / Drilling scheme		
	for Art. No. 12.536		
	Excessiv opening of the door must be prevented (max. 90°). Please use a door stop – see page 138		

Accessories



Ordering information

Stop for pivoting door
floor mounting
Art. No. 29.950

Easy-Stop

	Product description	Glass thickness	Art. No.
	Barrier free floor doorstop – Easy Stop for double-action doors	8 mm	10.592
	Stainless steel adapter for bonding, UV-adhesives	10 mm	10.593
	plastic cover	12 mm	10.594
	Weight in kg: Aluminum		0.679
	Barrier-free floor doorstop for single-action doors, stainless steel adapter for bonding, plastic cover		10.591
	Weight in kg: Aluminum		0.335

Space for your notes

Content

RP

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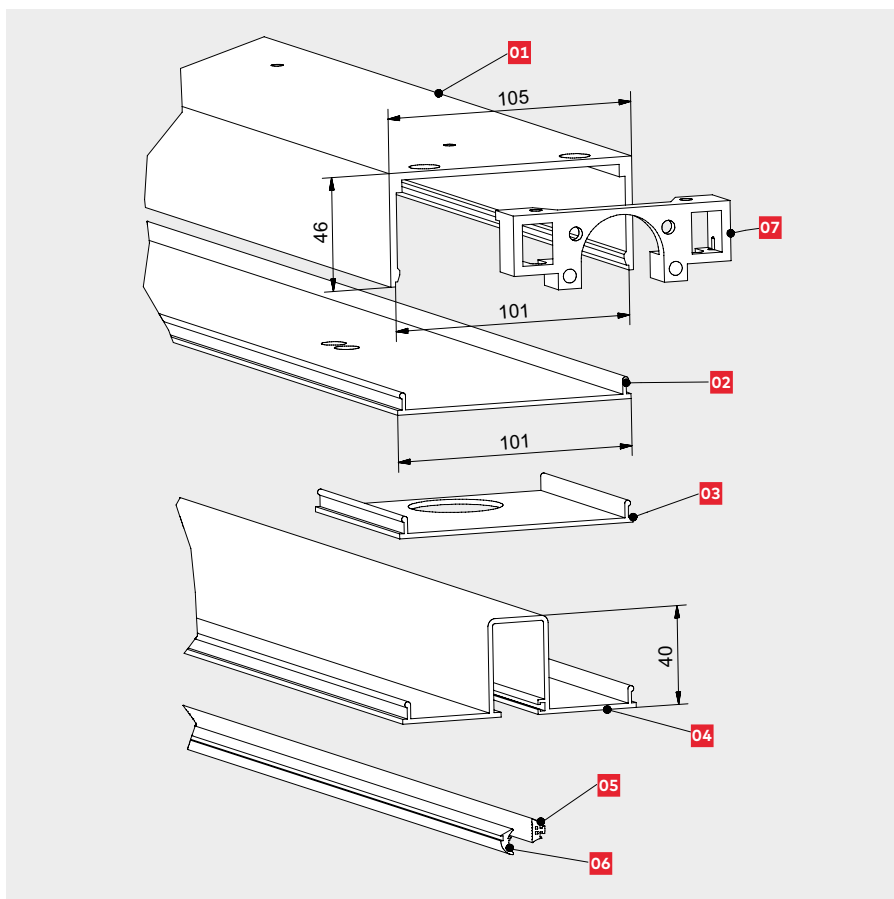
RP

Marvellously concealed transom door closer

The RP pivot door system works with a tubular transom profile in which the RTS transom closer is integrated and concealed. The system is fixed on the ceiling using brackets which are concealed after system installation. A top patch fitting (UNIVERSAL PT 22) attaches the all-glass door to the closer. A bottom patch fitting (UNIVERSAL PT 10) connects the door to the floor pivot, which measures only a few centimetres. So glass thicknesses of 8 – 12 mm are feasible.

The UNIVERSAL patch fittings can be replaced by door rails top and bottom or MUNDUS patch fittings as a special option. When using MUNDUS Premium patch fittings, you also have the option of installing laminated safety glass (LSG).

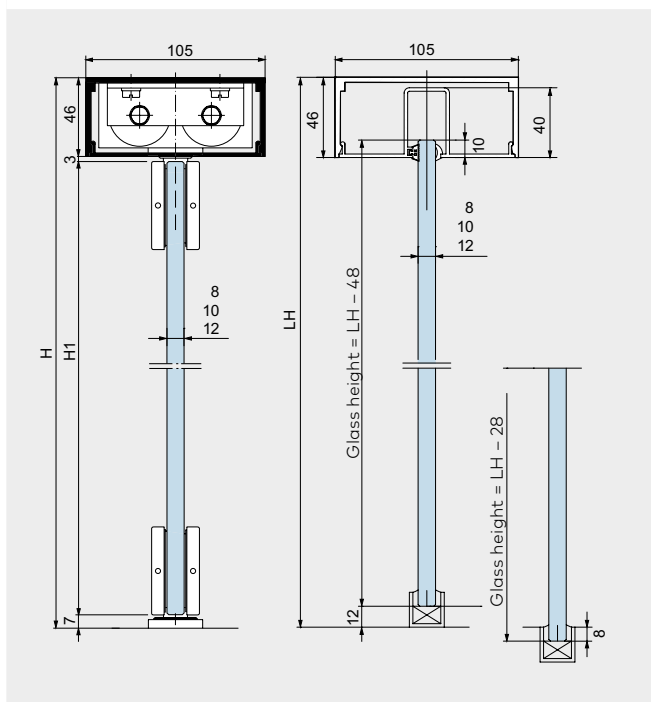
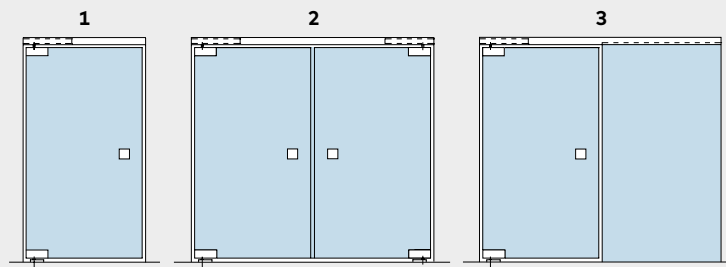
The RTS transom closer not only returns the door to the zero position each time it is opened, it also has a special dampening system to protect the door against unwanted impact caused by over-aggressive opening. In addition, the integral hold-open, which also comes as standard, enables the door to be held open at an angle of 90°.



Transom tube configuration:

- 01**
Transom tube for fixing on ceiling, as lintel or similar, max. length 6,000 mm
- 02**
Cover profile for door, clip-on, max. length 6,000 mm
- 03**
Cover profile for fixed sidelights, clip-on type with glass groove
- 04**
Cover profile for fixed sidelights, clip-on, with glazing groove
- 05 / 06**
Contact profile / glass wedge profile, depending on combination for 8, 10 or 12 mm glass thicknesses of the sidelight
- 07**
Fixing bracket for securing transom tube and closer

Type selection



Options

- 1 Single leaf double-action door with transom tube
- 2 Pair of double-action doors with transom tube
- 3 Double-action door with through-running transom tube and fixed sidelight

Further versions up to 6,000 mm are possible.

Materials and finishes

- Aluminum, silver EV1 anodized (similar Eloxal I EV1 / Eloxal II C 0) (101)
- Aluminum, similar satin stainless steel anodized (for profile material) (similar Eloxal II C 31) (113)
- Aluminum, traffic white powder coated (300)
- Aluminum special color anodized (199)
- Aluminum, special color powder coated (399)

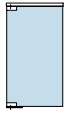
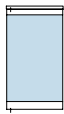
Door panel dimensions

- Glass thicknesses: 8 / 10 / 12 mm
- Door height H1: H - 56 mm
- For max. door panel weights and widths please see the table below.

Sidelight dimensions

- Glass thickness: 8 / 10 / 12 mm with two-part sealing profile
- Sidelight height: H - 28 mm + floor pocket, where required

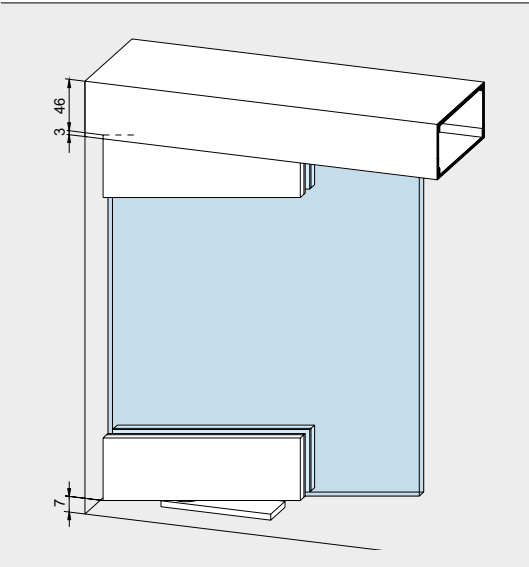
Also with door rails available

max. height	max. width	max. door weight (incl. fittings)	RTS version	
2,500	800–1,100	80 kg	RTS EN 3	
3,500	max. 1,250	110 kg	RTS EN 4	

with door rails top and bottom see detail sheets 04-030 and 04-060

If you have any questions regarding special designs with door rails or MUNDUS patch fittings, our Application Engineering department will be glad to advise you.

Double-action system for glass doors

	Product description	Art. No.
	<p>Double-action system for glass doors</p> <p>complete, consisting of</p> <ul style="list-style-type: none">1 transom tube length 1,000 mm;1 cover profile length 1,000 mm;1 RTS 85 transom closer; EN3, hold open 90° (For door widths less than 800 mm, door closers of spring strength EN 2 may also be used. Please indicate requirement when ordering.)1 fixing bracket;1 bottom patch fitting PT 10;1 top patch fitting PT 22;1 floor pivot bearing <p>Weight in kg: 8.083</p> <p>When ordering, please indicate the precise system dimensions or attach a corresponding drawing.</p>	01.300

	Product description	Art. No.
	01 Transom tube for fixing at ceiling, as lintel, or similar, stock length 6,000 mm in fixed lengths Weight in kg/m: Aluminum 1.620	01.301 01.311
	02 Cover profile for door area, clip-on stock length 6,000 mm in fixed lengths Weight in kg/m: Aluminum 0.610	01.302 01.305
	03 Cover plate with cut-out for door closer spindle length 90 mm Weight in kg: Aluminum 0.056	01.303
	04 Cover profile with glass groove to clip on Art.No. 01.301 / 311, to hold fixed sidelights inclusive	
	05 / 06 Contact profile or glass wedge profile in 2 resp. 4 mm thicknesses, depending on combination for 8, 10 or 12 mm glass thickness of the sidelight stock length 6,000 mm in fixed lengths Weight in kg: Aluminum 0.810	01.304 01.314
	07 Fixing bracket for securing transom tube and closer Weight in kg: Aluminum 0.080	01.306

Content

Accessories

148	Handle bars, door knobs, recessed pull grips
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Accessories

Pull handles, door knobs and recessed pull grips

The pull handle/knob system is designed for glass of 8, 10 and 12 mm thickness.

The pull handles can be fixed to both sliding and pivoting (swing) doors on one face using the appropriate connectors or on both faces by through-bolting (back-to-back arrangement).

Due to a flat structure recessed pull grips are also suitable for sliding doors.

The single-point fixings and through bolts are included as standard equipment in the scope of supply.

The pull handles can be fitted horizontally, vertically or in a handrail arrangement.



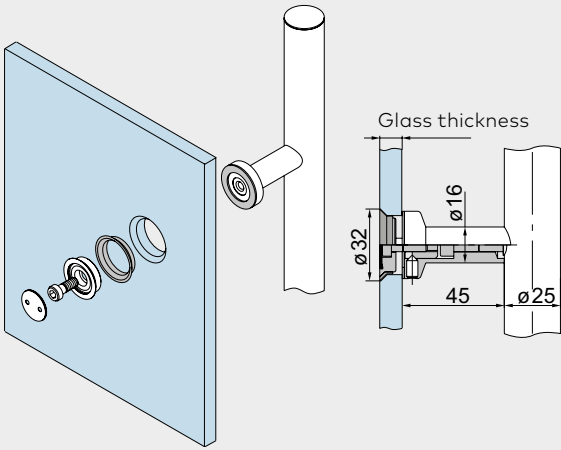
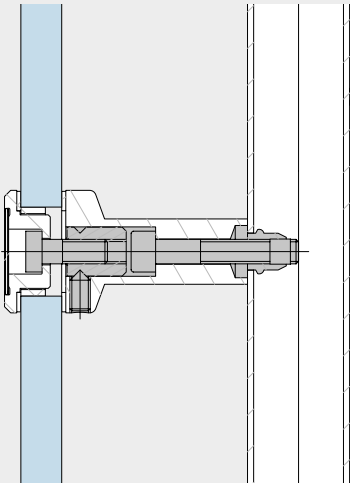
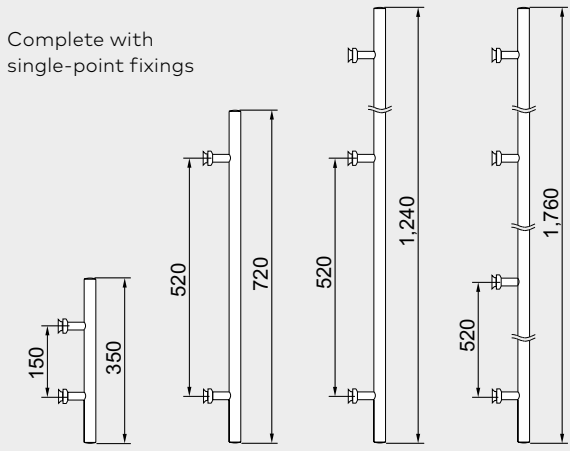
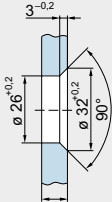
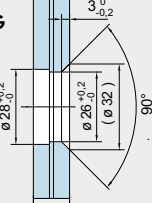

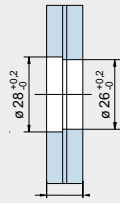


21.580/21.581

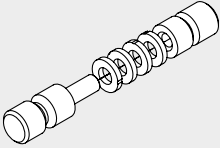
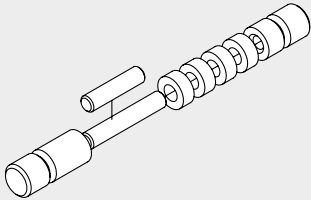
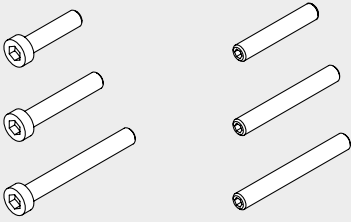
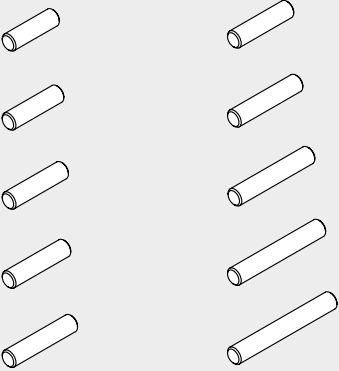
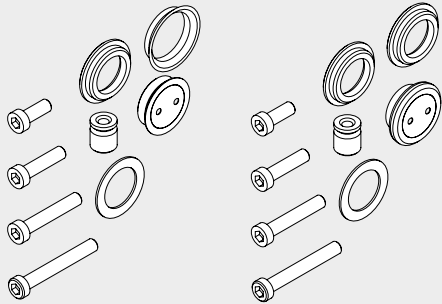
	Product description	Glass thickness	Art. No.
	Pair of handle bars satin stainless steel length 350 mm, 2 fixing points, weight in kg: 1.254 material 1.4305 do., material 1.4404	8/10/12 mm	21.267* 21.247
	Pair of handle bars aluminum length 350 mm, 2 fixing points, weight in kg: 1.326 aluminum	8/10/12 mm	03.400
	Pair of handle bars satin stainless steel length 720 mm, 2 fixing points, weight in kg: 1.947 material 1.4305 do., material 1.4404	8/10/12 mm	21.270* 21.250
	Pair of handle bars aluminum length 720 mm, 2 fixing points, weight in kg: 2.423 aluminum	8/10/12 mm	03.402
	Pair of handle bars satin stainless steel length 1,240 mm, 3 fixing points, weight in kg: 3.400 material 1.4305 do., material 1.4404	8/10/12 mm	21.273* 21.253
	Pair of handle bars satin stainless steel length 1,760 mm, 4 fixing points, weight in kg: 5.000 material 1.4305 do., material 1.4404	8/10/12 mm	21.276* 21.256

* Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see under "Spacing adjustment for pull handles and door knobs", page 155.

Pull handles single

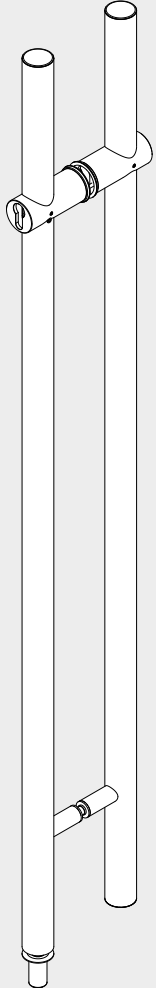
	Product description	Glass thickness	Art. No.
	Pull handles with single-point fixings, countersunk stainless steel	8/10/12 mm	
	Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L		29.268
	Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L		29.269
	Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L		29.271
	Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L		29.272
	Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L		29.274
	Pull handles with single-point fixings, clamping disc	8/10/12 mm	
	Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L		21.240
	Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L		21.241
	Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L		21.281
	Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L		21.242
	Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L		21.243
			
			
			
TSG  Glass thickness			
LSG from TSG  Glass thickness			
 Glass thickness			
 Glass thickness			
Countersunk bore on pull handle and door knob, one side fixing			
Cylindrical bore on pair of pull handles and door knobs, back-to-back			

Spacing adjustment for pull handles and door knobs

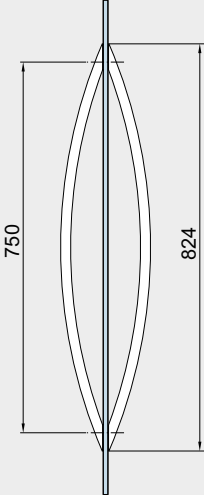
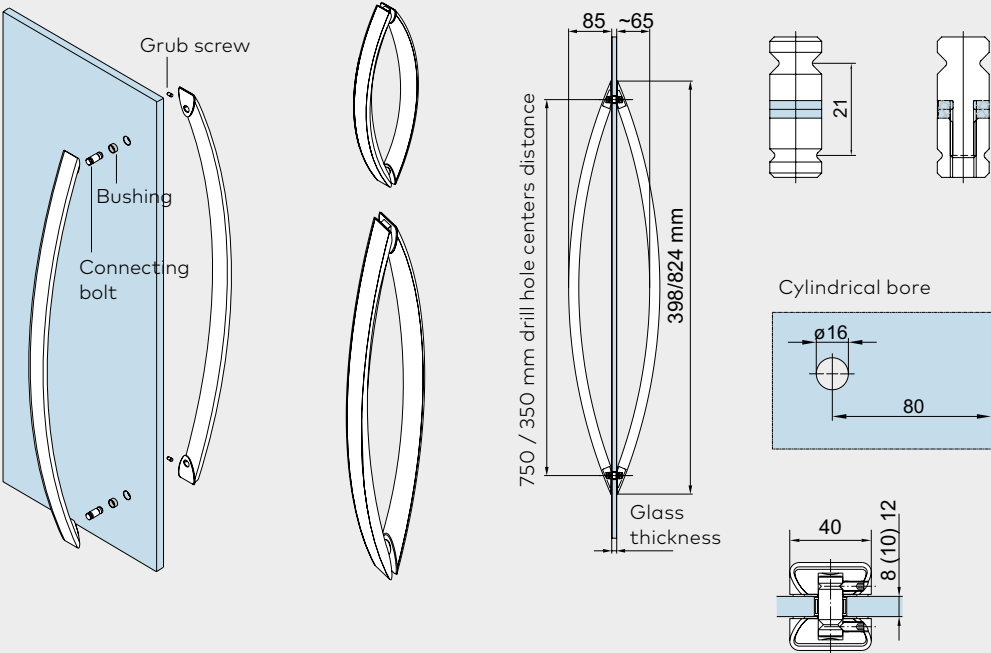
	Product description	Door thickness	Art. No.
 <p>Distance washer 2 mm</p>	Conversion set 1 for glass doors, pair of pull handles / knob back-to-back	13.5 – 21.5 mm	21.285
	without distance washer with 1 distance washer with 2 distance washers with 3 distance washers with 4 distance washers	13.5 mm 15 mm 17.5 mm 19 mm 21.5 mm	
 <p>Distance washer 5 mm</p>	Conversion set 2 for timber doors, pair of pull handles / knob back-to-back	20 – 40 mm	21.286
	without distance washer with 1 distance washer with 2 distance washers with 3 distance washers with 4 distance washers	20 mm 25 mm 30 mm 35 mm 40 mm	
 <p>Set 3 Set 4</p>	Conversion set 3 for glass / timber doors*, pair of pull handles / knob back-to-back, countersunk 15 - 40 mm glass / timber thickness		21.287
	Conversion set 4 for glass / timber doors*, pair of pull handles / knob back-to-back, clamping disc 15 - 40 mm glass / timber thickness		21.288
 <p>Set 5 Set 6</p>	Conversion set 5 for glass doors*, recessed pull grip 13.5 - 21.5 mm glass thickness		21.295
	Conversion set 6 for timber doors*, recessed pull grip 20 - 40 mm timber thickness		21.296
 <p>Set 7 Set 8</p>	Conversion set 7 for glass / timber doors*, for pull handles fixed on both sides to pull handle fixed on one side, countersunk 8 - 40 mm glass / timber thickness 1 set per pull handle fixing		21.297
	Conversion set 8 for glass / timber doors*, for pull handles fixed on both sides to pull handle fixed on one side, clamping disc 8 - 40 mm glass / timber thickness 1 set per pull handle fixing		21.298

*Not suitable for Arcos pull handles 26.500 / 26.510

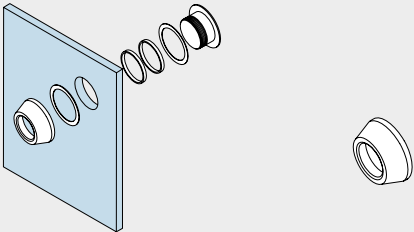
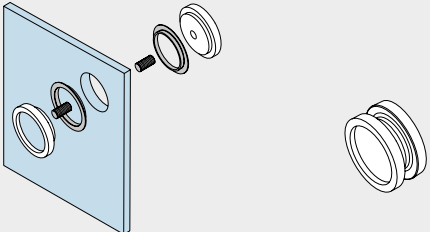
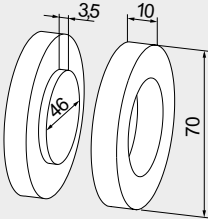
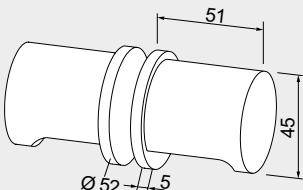
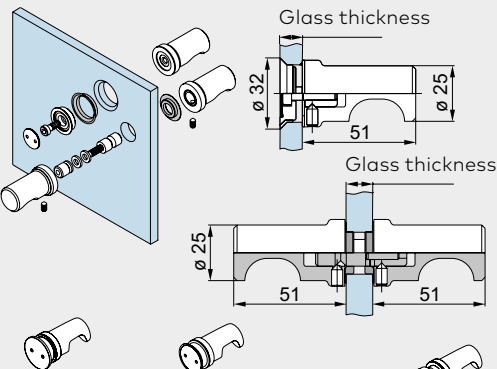
Pair of pull handles

	Product description	Glass thickness	Art. No.
	Pair of stainless steel handlebars, lockable on both sides, prepared for standard PZ, length 1,200 mm, incl. floor socket	8 - 17.5 mm	21.580
	Pair of stainless steel handlebars, lockable on one side, prepared for standard PZ, length 1,200 mm, incl. floor socket Further information, e.g. on the required profile cylinder length, can be found in our detail on the sheets 29-115 to 29-116.	8 - 17.5 mm	21.581

Arcos pull handle

	Product description	Glass thickness	Art. No.
	Arcos pair of pull handle incl. connecting bolt Aluminium, stainless steel look	8/10/12 mm	
	Pull handle 350 mm with 2 fixings Pull handle 750 mm with 2 fixings		26.500 26.510
			

Recessed pull grips and door knobs

	Product description	Glass thickness	Art. No.
 <p>Ø 38 mm Glass bore</p>	Recessed pull grip Ø 50 mm	8/10/12 mm	21.290
 <p>Ø 50 mm Glass bore</p>	Recessed pull grip Ø 60 mm Recessed pull grip with grip hole Ø 60 mm	8/10/12 mm 8 mm 10 mm 12 mm	21.291 21.292 21.293 21.294
 <p>Ø 50 mm Glass bore</p>	Recessed pull grip aluminum to be glued onto the glass Weight in kg: 0.072		07.200
 <p>Ø 20 mm Glass bore</p>	Door knob, aluminum Weight in kg: 0.400		07.201
 <p>Single-point fixing clamping disc (Ø 22 mm)</p> <p>(Glass preparation please see under "pull handles single", page 150)</p>	Door knob one side fixing Door knob with single-point fixing, countersunk Door knob with single-point fixings, clamping disc Door knob back-to-back	8/10/12 mm 8/10/12 mm	21.422 21.426 21.423

Note: To ensure better load transmission, please use a pull handle in conjunction with the DORMOTION damping unit.

Space for your notes

Finishes and colours

All the common patterns and types are available ex-stock (factory) with the following finishes and colours.

Specials and glass assemblies in bespoke colour anodising and powder coating will be prepared promptly.

Standard finishes and colours	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO Medio	OFFICE Junior	OFFICE Classic	OFFICE Mundus	OFFICE Arcos	BEYOND	TENSOR	RP Patch fittings
Aluminum, silver EV1 anodized (similar Eloxal I EV1/Eloxal II C 0) (101)												•
Aluminum, similar satin stainless steel anodized (107)						•				•		
Aluminum, AL similar satin stainless steel anodized (for profile material) (similar Eloxal II C 31) (113)											•	•
Aluminum, EV1-Deco anodized (compatible with finish 150) (114)				•					•	•	•	
Aluminum, silver anodized (Silver N 600 ST) (compatible with finish 114) (150)	•	•	•		•	•	•	•				
Aluminum, niro anodized (Niro N 700) (157)	•	•	•	•	•	•	•	•	•			
Aluminum, special color anodized (199)	•	•		•	•	•	•	•	•			•
Aluminium, special color powder coated (Standard powder according to RAL) (399)	•	•	•	•	•	•	•	•	•			•
Brass, polished chrome (501)	•											
Brass, polished varnished (502)	•											
750 / 700 satin stainless steel						•		•				
751 / 701 polished stainless steel								•				

Safety-related information

Important safety-related information for the mounting and use of DORMA-Glas glass fittings.

(Follow these instructions in addition to the mounting and operating instructions in order to avoid damage of product and damage to person or property.)

Important: All users have to be informed about relevant points mentioned in these safety-related information and the mounting and operating instructions!

General information

1. DORMA-Glas recommends the use of TSG-H (heat-stored tempered safety glass) according to DIN EN 12150-1.
2. DORMA-Glas glass fittings are not suitable for outdoor installation.
3. DORMA-Glas glass fittings are not suitable for rooms where chemicals (e.g. chlorine) are used, e.g. swimming pools, saunas and brine baths.



4. Sliding panels must not be moved faster than at walking speed and must be stopped by hand before reaching the end position will be.
5. Pivoting panels must not be thrown too hard. If there is a risk of over-turning, this must be prevented by a door stop.

Mounting

1. Only properly qualified and specially trained staff is authorised to mount DORMA-Glas glass fittings.
2. Never use glass with conchoidal fractures and/or damaged edges.
3. Due to crushing hazards – among others in the area of the secondary closing edge – and possible injury caused by breakage of glass during mounting, corresponding protective clothing (especially gloves and protective goggles) is required.
4. Clean clamping area with fat solvent (standard commercial cleaning agent) before mounting the glass fitting.
5. Never use clamping shoes on structured glass surfaces (except on satined glass) or glass of heavily varying thickness unless with a corresponding levelling layer.
6. Never use clamping shoes on self-cleaning coatings.
7. When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hart components such as glass, metal or concrete.
8. Make sure not to use excessive force when installing the glass (avoid local stress resulting from very tight screws).

Maintenance

Check fittings at regular intervals for proper positioning and smooth running and door for correct adjustment. Especially highly-frequented door systems require inspection by properly qualified staff (specialised companies or installation firms). Immediately replace damaged glass elements (no glass flaking and/or conchoidal fractures)!

General care instructions

The surface finishes of the fittings are not maintenance-free and should be cleaned according to their material and design.

- For metallic surfaces (anodised finishes, stainless steel) please use appropriate cleaning agents without abrasive additives only.
- For varnished surfaces please use appropriate solvent-free cleaning agents only.
- Brass surfaces (without surface protection) have to be treated with an appropriate maintenance agent on occasion, to avoid tarnishing.

For practical planning, please use our drawings DORMA-Glas "The Detail".

The printed colours indicating the surface finishes are not 100 % true, but do provide a useful guide. Statements made with regard to the nature or use of the products are for the purposes of descriptions. Assent with regard to the existence of particular properties or particular uses always requires special written agreement. Pictures may show special designs which are different to the standard scope of delivery.

Subject to change without notice.



Moving Details.

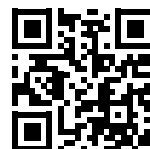


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