

Moving Details.

Technical brochure Glass Door Fittings

Issue 2024

dg DORMA
GLAS®

Content

Single-Action Door Fittings



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NEW



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66 OFFICE Junior



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, DORMA-Glas provides Environmental Product Declarations (EPDs), in which the results of the life cycle assessment (LCA) are presented.

Single-Action Door Fittings



74 OFFICE Classic



82 OFFICE Mundus



88 OFFICE Arcos



98 Special hinges



104 Accessories



118 Lever range

Double-Action Door Fittings



126 BEYOND



136 MARCATO Motion



146 TENSOR



156 RP



162 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 500000 latch and 100000 locking bolt operating cycles.

STUDIO locks according to DIN EN 12209 tested

Type-test with 200000 latch and 200000 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 1121
max. door weight, kg (depends on hinge)	45, 50, 60	45, 50, 60	45, 50, 60	45, 50, 60	45, 50, 60
max. door panel width, mm	1091 ¹⁾	1091 ¹⁾	1091 ¹⁾	1091 ¹⁾	1091 ¹⁾
max. door panel height, mm	Standard frames ^{1) 3)}	Standard frames ^{1) 3)}	Standard frames ^{1) 3)}	Standard frames ^{1) 3)}	Norm Zargen ^{1) 3)}
Glass type	TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG	ESG/VSG
Glass thicknesses in mm	8/10	8/10	8/10	8/10	8/10
Frame depth, standard, mm	24 - 40	24	24	24 - 40	24
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. 2125 mm standard dimension / max. 2108 mm frame rebate dimension

4) max. 2750 mm standard dimension (2733 mm frame rebate dimension), from 2250 mm height standard dimension (2233 mm frame rebate dimension) use third door hinge

● Standard ○ Optional

STUDIO Medio	OFFICE Junior	OFFICE Classic	OFFICE Mundus	OFFICE Arcos	Special hinges	BEYOND	MARCATO	TENSOR	RP Patch fittings
*	55, 70, 80	55, 70, 80	55, 70, 80	55, 70, 80	30, 35, 45, 55, 70, 80	80	65	65	80/110
*	1091, 1216 ¹⁾	1091, 1216 ¹⁾	1091, 1216 ¹⁾	1091, 1216 ¹⁾	1100 ¹⁾	1000/1200	1000 ¹⁾	1000 ¹⁾	1100, 1250 ¹⁾
Standard frames ^{1) 3)}	Standard frames ^{1) 4)}	Standard frames ^{1) 4)}	Standard frames ^{1) 4)}	Standard frames ^{1) 4)}		2200 ¹⁾	2500 ¹⁾	2500 ¹⁾	2500
TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG	TSG	TSG	TSG	TSG	TSG ²⁾
8/10	8/10	8/10	8/10	8/10	8/10	10/12	8/10/12	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	SA / DA	DA	DA	SA / DA
○	○	○	○	○	○	•**	•	•	•
59	66	74	82	88	98	126	136	146	156

* depending on the used door hinge

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

Content

STUDIO Rondo

10	Technical Features
12	Complete doorsets
16	Components (Locks, hinges)
64	Type illustrations
104	Accessories
118	Range of levers
171	Safety-related information



STUDIO Rondo

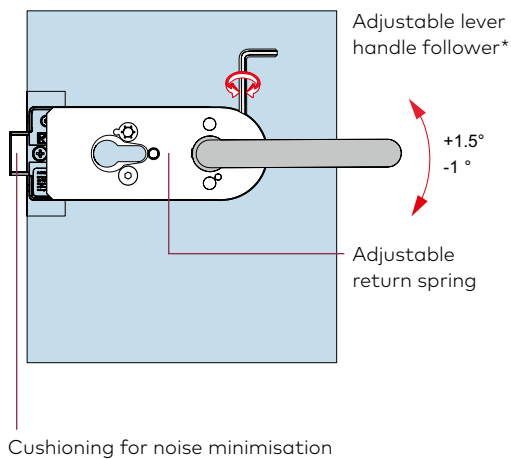
Technical features

- 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 200000 latch and 200000 locking bolt operating cycles.

NEW

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO 1121
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



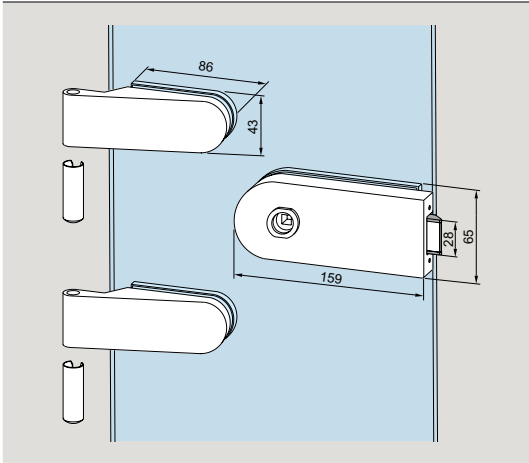
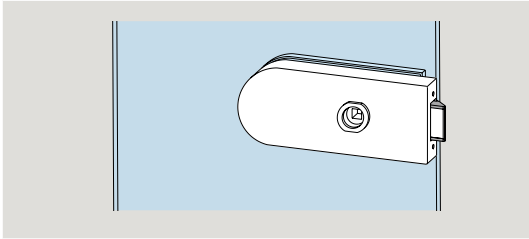
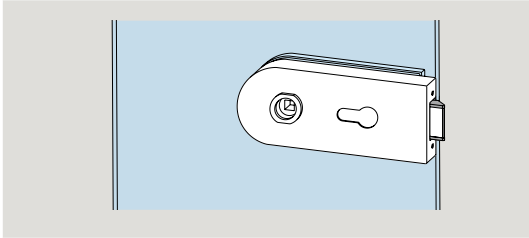
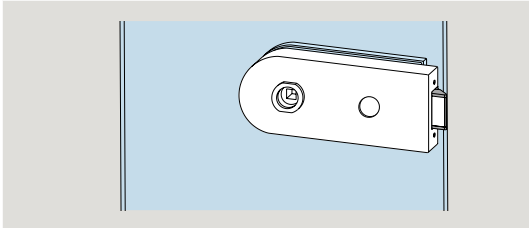
Complete doorsets for 8 and 10 mm glass thickness, locks with follower

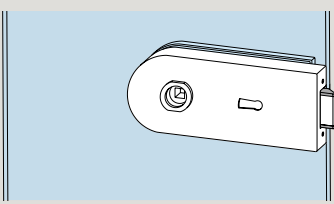
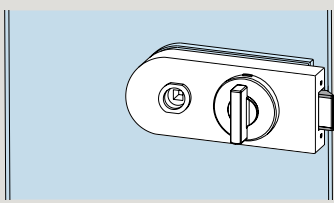
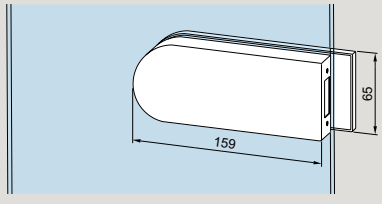
Complying to DIN EN 12209 (see page 5).

Door weight max. 60 kg, door width max. 1000 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	10.100
	Weight in kg: Aluminum 1.580 Brass 2.485	10	10.130
	Lock with 2 hinges non-locking lock for lever forward, hinges with sleeves, extended colour options	8	10.101
	Weight in kg: Aluminum 1.625 Brass 2.505	10	10.131
	Lock with 2 hinges lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves, extended colour options	8	10.102
	Weight in kg: Aluminum 1.565 Brass 2.465	10	10.132
	Lock with 2 hinges lock prepared for round profile cylinder, nightlatch function, hinges with sleeves, extended colour options	8	10.108
	Weight in kg: Aluminum 1.563	10	10.129

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

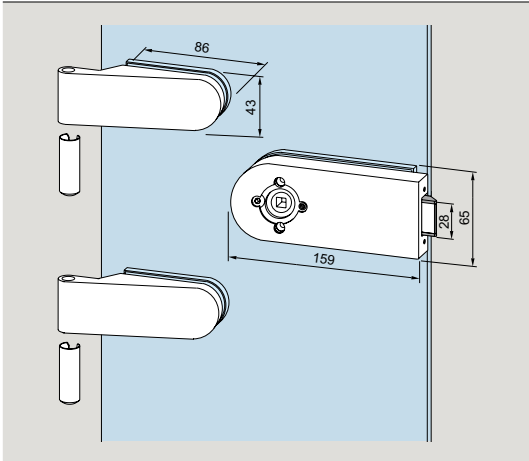
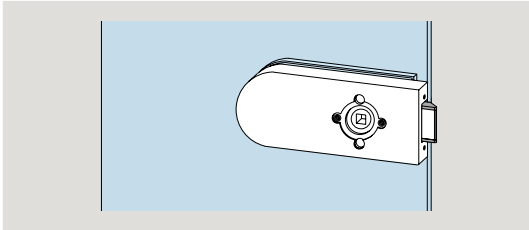
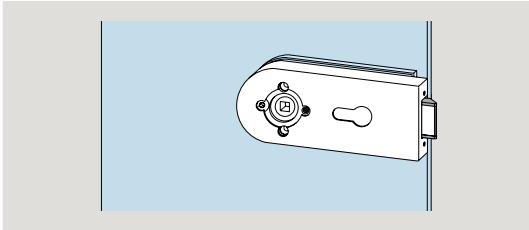
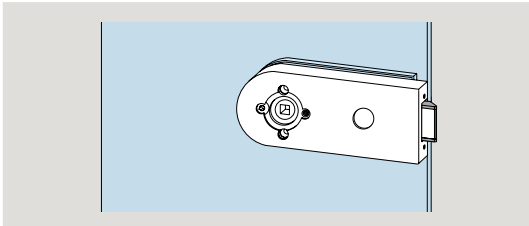
Complete doorsets for 8 mm glass thickness, locks for levers with roses

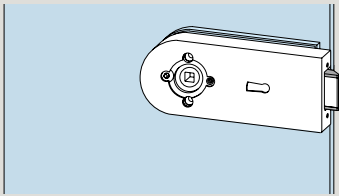
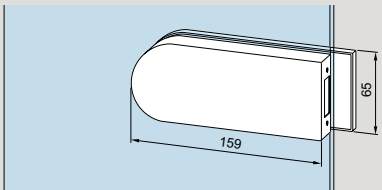
Complying to DIN EN 12209 (see page 5).

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

Door weight max. 60 kg, door width max. 1000 mm.

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

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

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

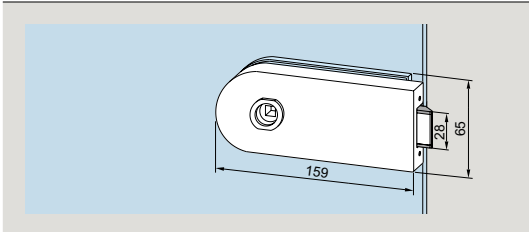
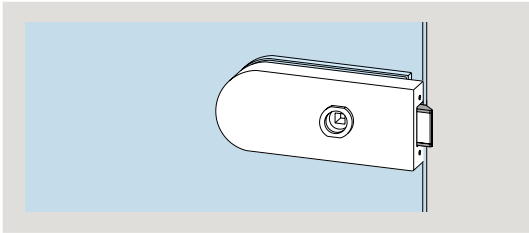
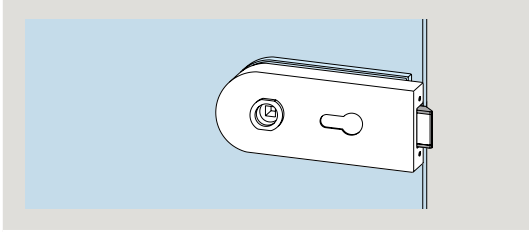
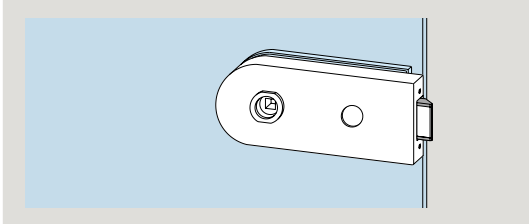
Locks with follower

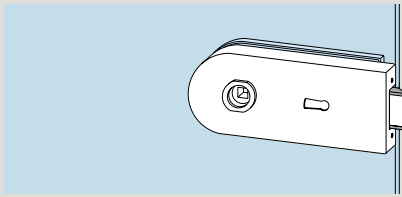
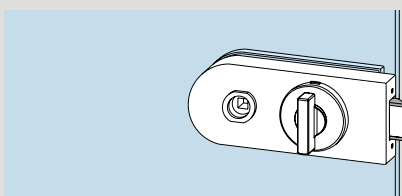
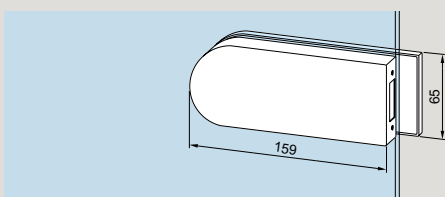
Complying to DIN EN 12209 (see page 5).

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.
	<p>Lock non-locking, extended colour options</p> <p>Weight in kg: Aluminum 0.840 Brass 1.055</p>	10.200
	<p>Lock non-locking, with follower forward, extended colour options</p> <p>Weight in kg: Aluminum 0.845 Brass 1.055</p>	10.201
	<p>Lock prepared for Europrofile cylinder, nightlatch function, extended colour options</p> <p>Weight in kg: Aluminum 0.815 Brass 1.030</p>	10.202
	<p>Lock prepared for round profile cylinder , nightlatch function, extended colour options</p> <p>Weight in kg: Aluminum 0.813</p>	10.207

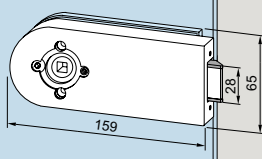
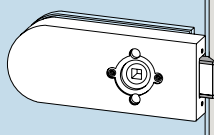
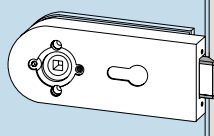
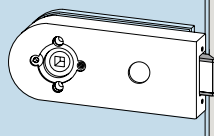
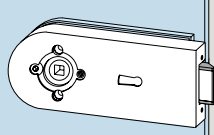
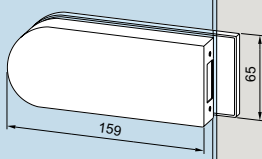
	Product description	Art. No.
	<p>Lock lever lock, nightlatch function, 2 keys supplied, extended colour options</p> <p>Weight in kg: Aluminum 0.850 Brass 1.090</p>	10.203
	<p>Lock WC-toilet door, extended colour options</p> <p>Weight in kg: Aluminum 1.106 Brass 1.398</p>	10.206
	<p>Strike box for pairs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

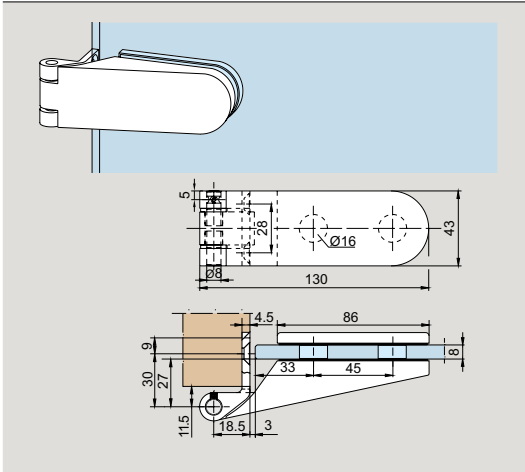
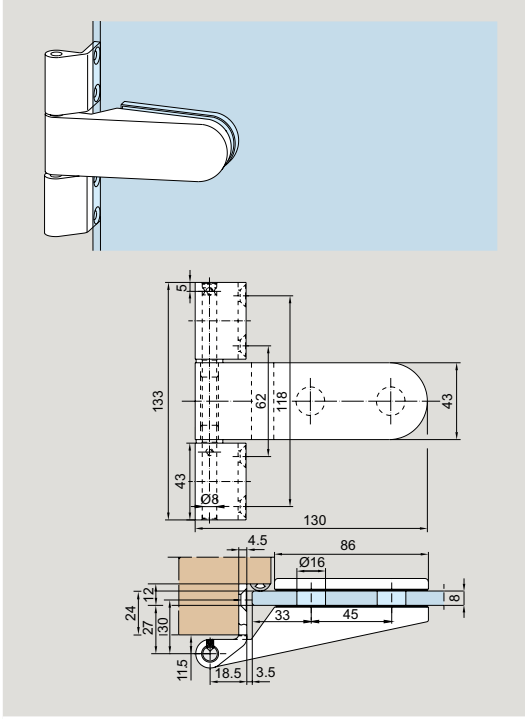
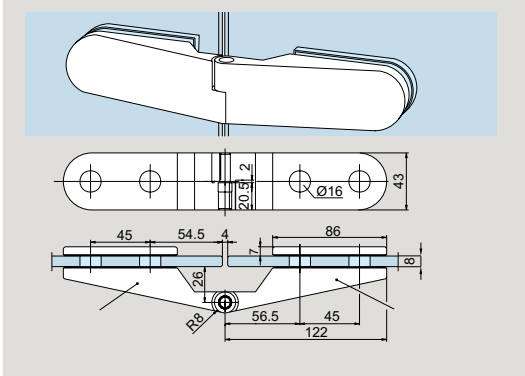
Hinges for 8 mm glass thickness

Door width max. 1000 mm

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

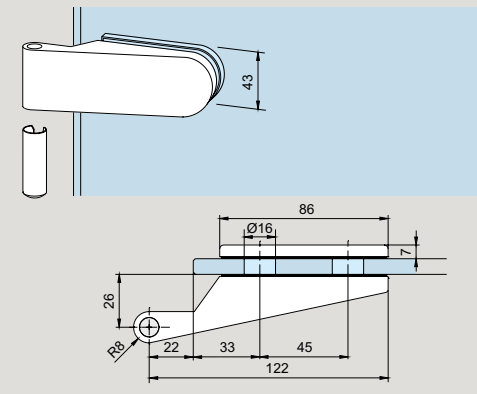
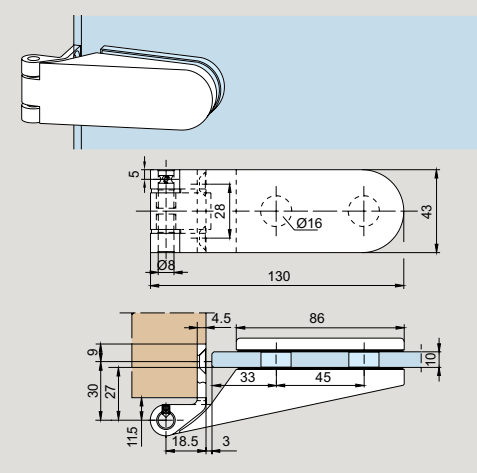
Hinges for 8 mm glass thickness

Door width max. 1000 mm

	Product description	DIN	Art. No.
	<p>Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, stainless steel pin, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.321</p>		10.232
	<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>		10.235
	<p>Hinge for mounting onto sidelights, 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>	<p>Left 10.244 Right 10.246 (not illustr.)</p>	

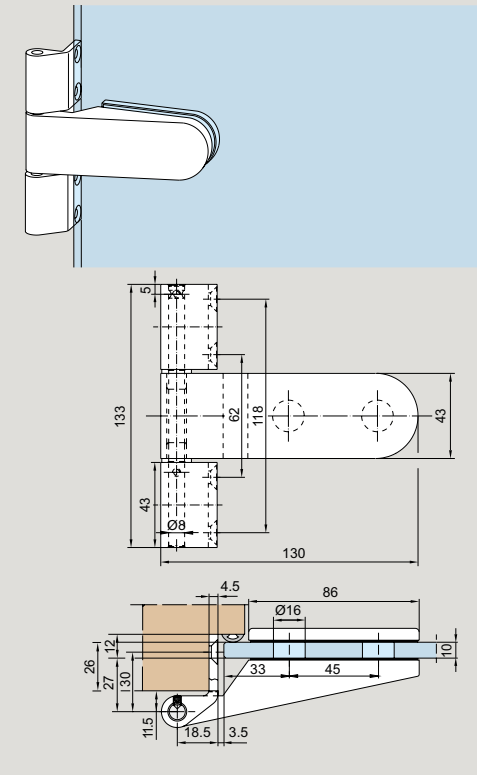
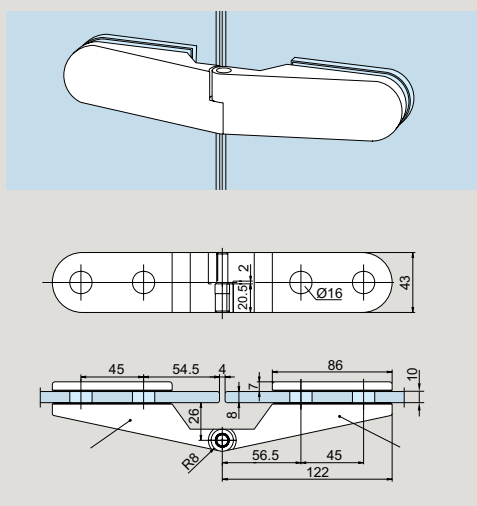
Hinges for 10 mm glass thickness

Door width max. 1000 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>	<p>10.236</p>
	<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>	<p>10.238</p>

Hinges for 10 mm glass thickness

Door width max. 1000 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>	<p>Left 10.245 Right 10.247 (not illustr.)</p>	

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STUDIO Classic

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STUDIO Classic

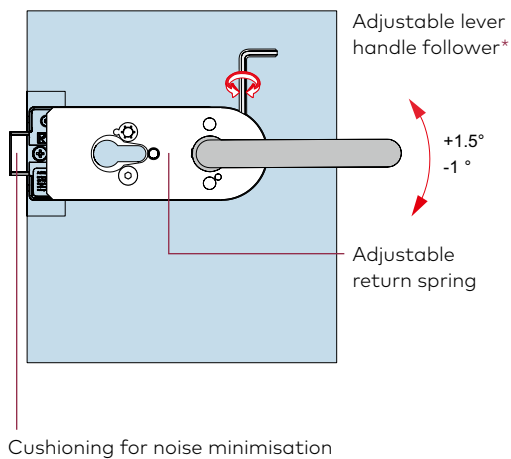
Technical features

- 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 $+1,5^\circ / -1^\circ$, 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 200000 latch and 200000 locking bolt operating cycles.

NEW

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO 1121
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

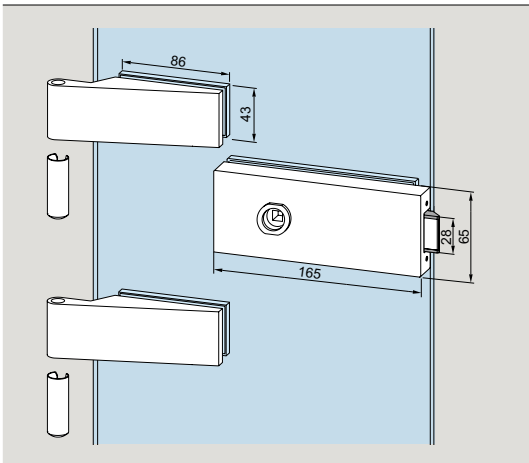
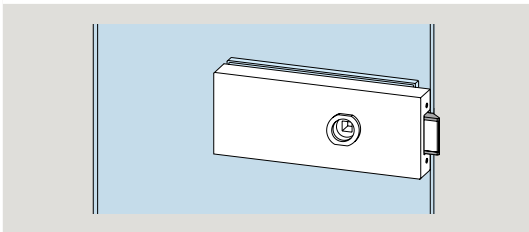
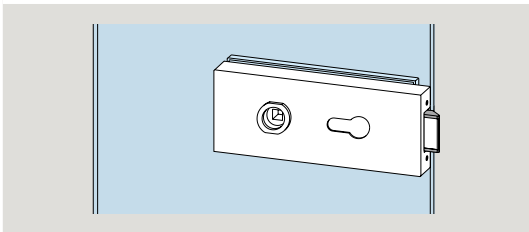
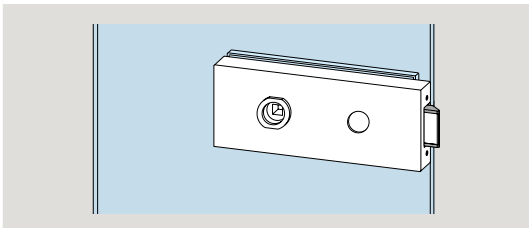


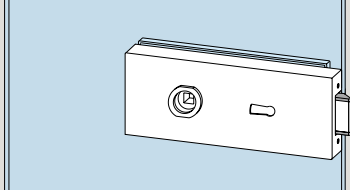
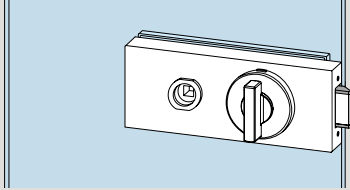
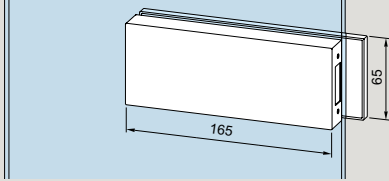
Complete doorsets for 8 and 10 mm glass thickness, locks with follower

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

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.

Door weight max. 60 kg, door width max. 1000 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)

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

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

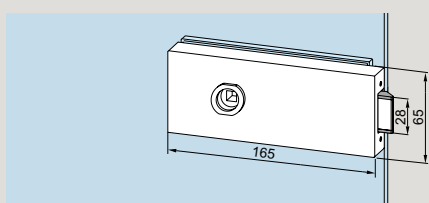
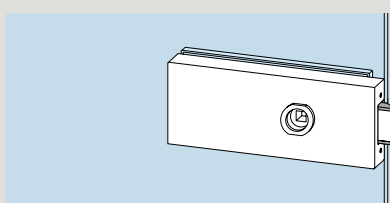
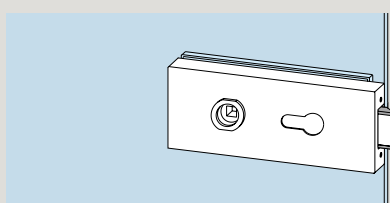
Locks with follower

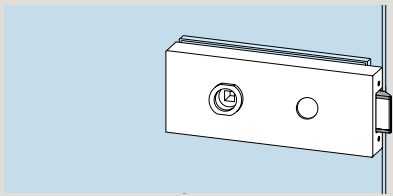
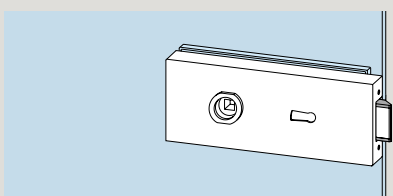
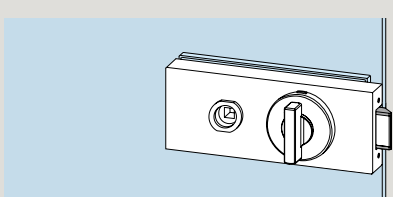
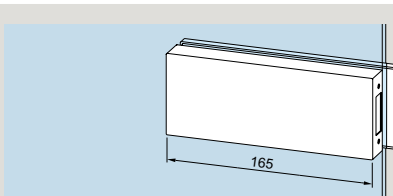
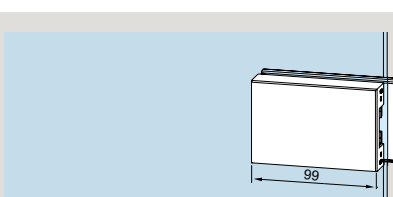
Complying to DIN EN 12209, with regard to type test (see page 5),

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.
	<p>Lock non-locking</p> <p>Weight in kg: Aluminum 0.840</p>	10.001
	<p>Lock non-locking, with follower forward</p> <p>Weight in kg: Aluminum 0.845</p>	10.002
	<p>Lock prepared for Europrofile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.815</p>	10.003

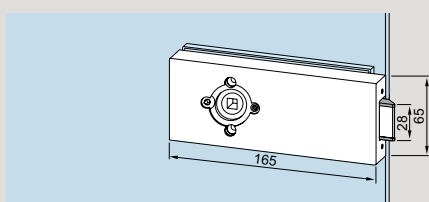
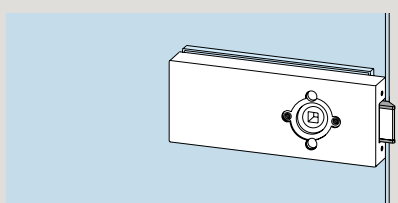
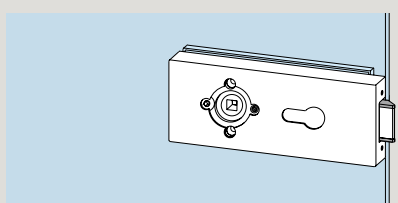
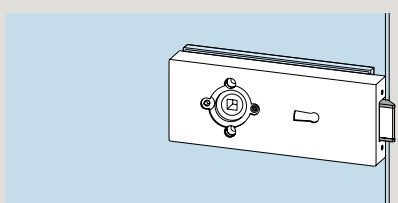
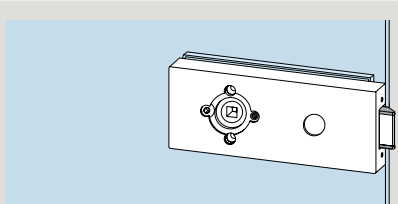
	Product description	Art. No.
	<p>Lock prepared for round profile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.813</p>	<p>10.007</p>
	<p>Lock lever lock, nightlatch function, 2 keys supplied</p> <p>Weight in kg: Aluminum 0.850</p>	<p>10.004</p>
	<p>Lock WC-toilet door</p> <p>Weight in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

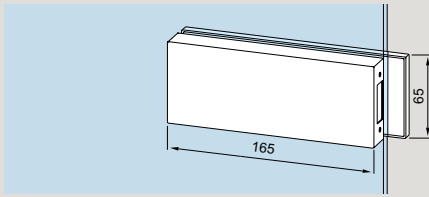
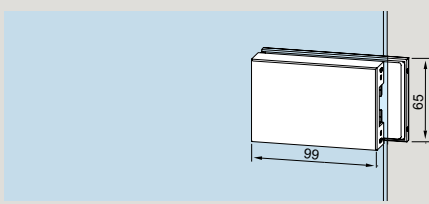
Locks for levers with roses

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

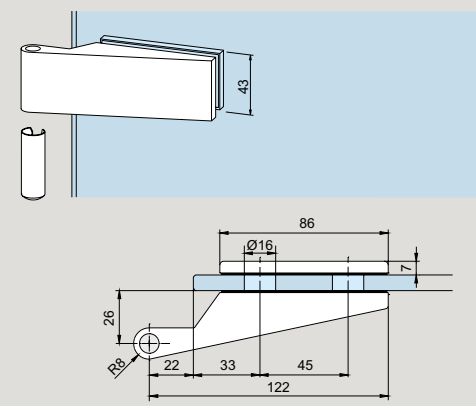
Hinges see page 33.

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	10.021
	26 mm rebate depth	10	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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**STUDIO
Gala 2.0**

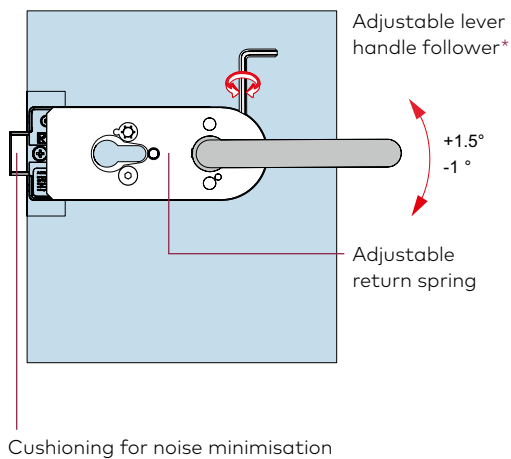
Technical features

- 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 200000 latch and 200000 locking bolt operating cycles.

NEW

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO 1121
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

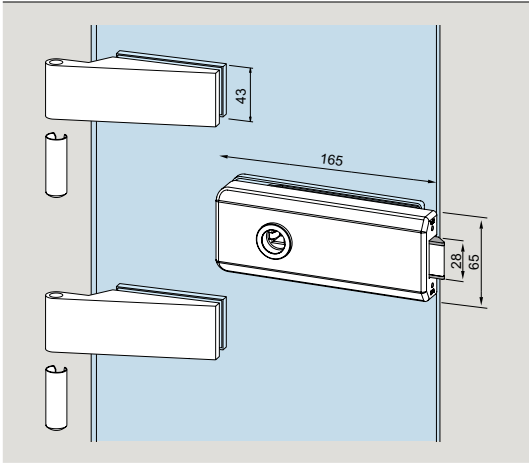
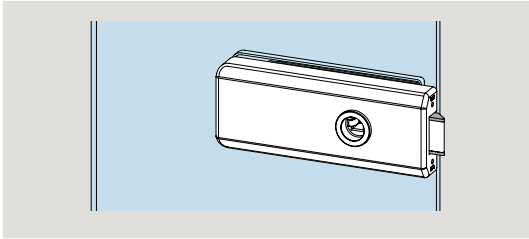
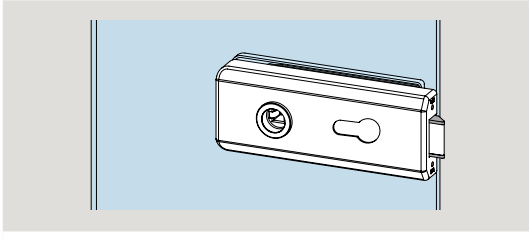
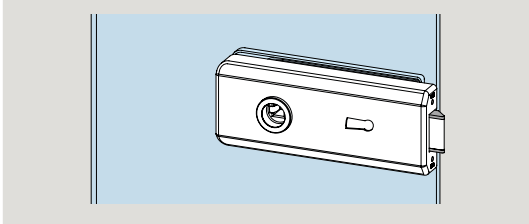


Complete doorsets for 8 mm glass thickness, locks with follower

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

Door weight max. 60 kg, door width max. 1000 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

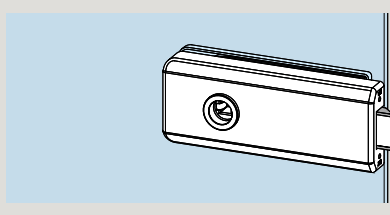
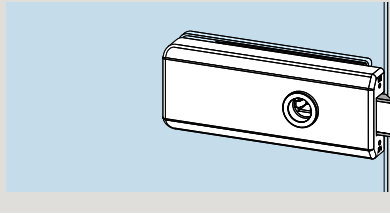
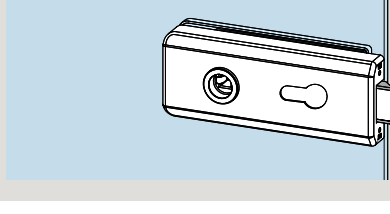
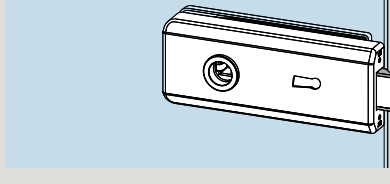
Locks with follower

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

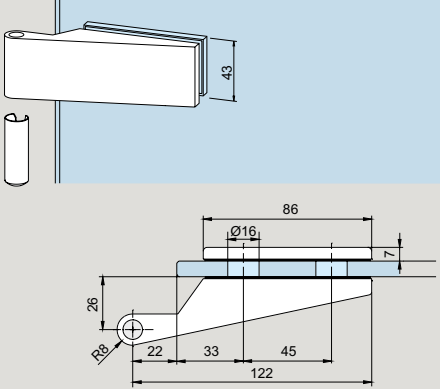
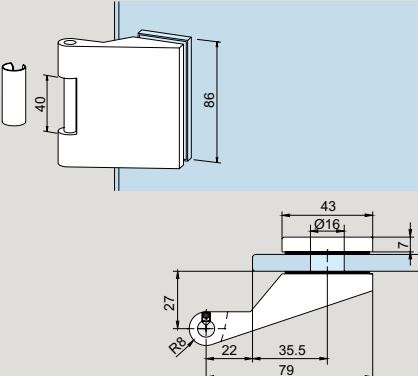
Locks for 8 mm glass thickness / 24 mm rebate depth.

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.
	<p>Lock non-locking</p> <p>Weight in kg: Aluminum 0.690</p>	19.610
	<p>Lock non-locking, with follower forward</p> <p>Weight in kg: Aluminum 0.679</p>	19.611
	<p>Lock prepared for Europrofile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.690</p>	19.612
	<p>Lock lever lock, nightlatch function, 2 keys supplied</p> <p>Weight in kg: Aluminum 0.718</p>	19.613

Door hinges

	Product description	Glass thickness	Art. No.
	<p>Hinge with frame pivot complete with sleeve 24 mm rebate depth</p> <p>26 mm rebate depth</p> <p>Weight in kg: Aluminum 0.319</p>	<p>8</p> <p>10</p>	<p>10.021</p> <p>10.020</p>
	<p>Hinge for frame pivots with sleeve bolt steel zinc-plated panel weight max. 80 kg</p> <p>Weight in kg: Aluminum 0.358</p>		<p>11.288*</p>

* Finish satin stainless steel (700)
not usable with 11.405 (page 107).

Space for your notes

Content

STUDIO Arcos

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STUDIO Arcos

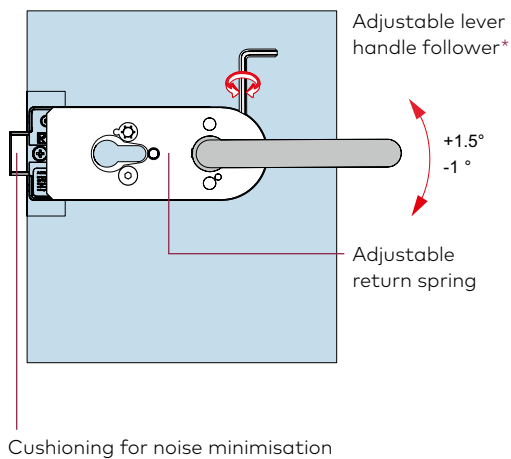
Technical features

- 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 200000 latch and 200000 locking bolt operating cycles.

NEW

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO 1121
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



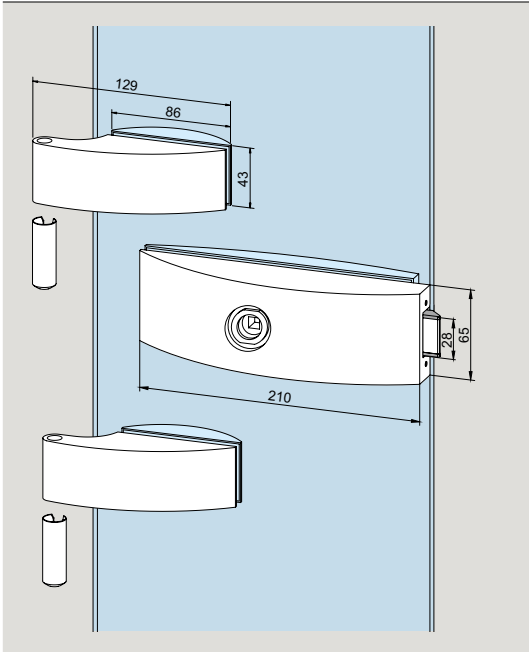
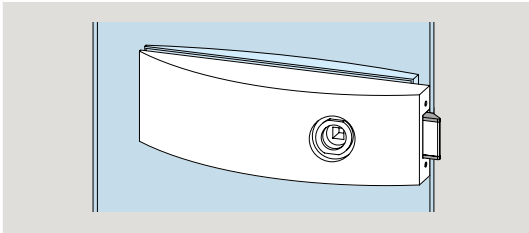
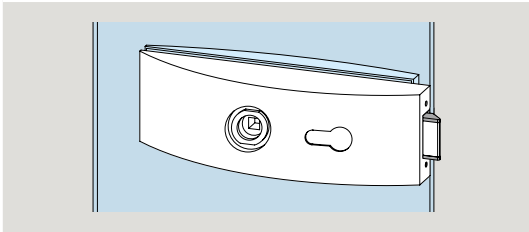
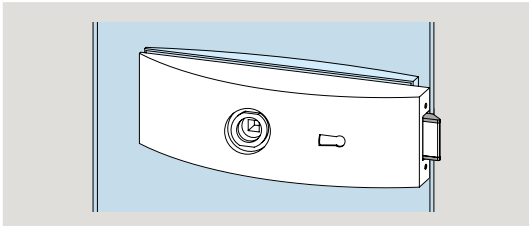
Complete doorsets for 8 mm glass thickness, locks with follower

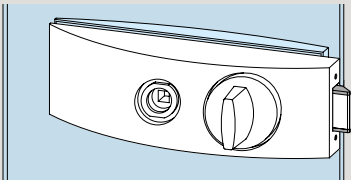
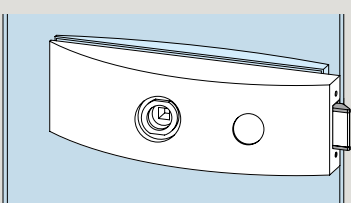
Locks acc. to DIN EN 12209, according to type testing (see page 5).

Door weight max. 60 kg, door width max. 1000 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	24.100
	Lock with 2 hinges non-locking lock with follower forward, hinges with sleeves Weight in kg: Aluminum 1.625	8	24.101
	Lock with 2 hinges lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves Weight in kg: Aluminum 1.565	8	24.102
	Lock with 2 hinges lever lock, nightlatch function, 2 keys supplied, hinges with sleeves Weight in kg: Aluminum 1.630	8	24.103

	Product description	Glass thickness	Art. No.
	<p>Lock with 2 hinges WC-toilet door, hinges with sleeves</p> <p>Weight in kg: Aluminum 1.716</p>	8	24.106
	<p>Lock with 2 hinges prepared for round profile cylinder, hinges with sleeves</p> <p>Weight in kg: Aluminum 1.630</p>	8	24.108

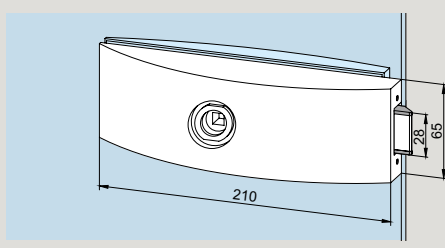
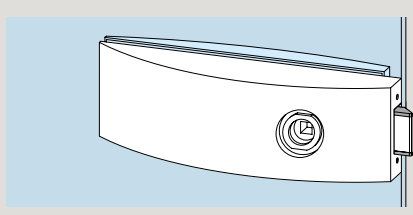
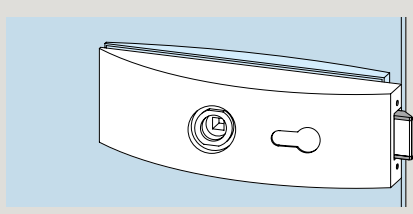
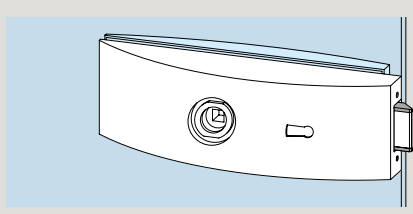
Locks with follower

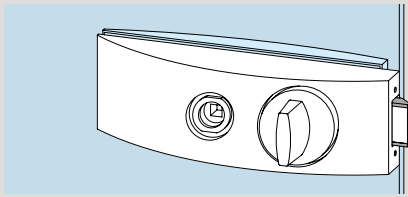
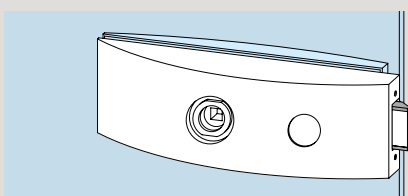
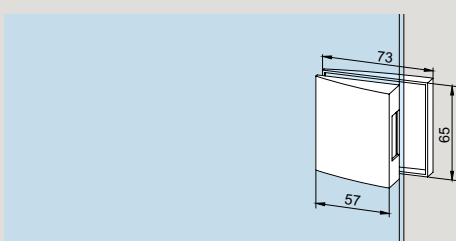
Locks acc. to DIN EN 12209, according to type testing (see page 5).

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.
	<p>Lock WC – toilet door</p> <p>Weight in kg: Aluminum 1.111</p>	24.206
	<p>Lock prepared for round profile cylinder</p> <p>Weight in kg: Aluminum 0.850</p>	24.207
	<p>Strike box for pairs of doors</p> <p>Weight in kg: Aluminum 0.610</p>	24.220

Hinges

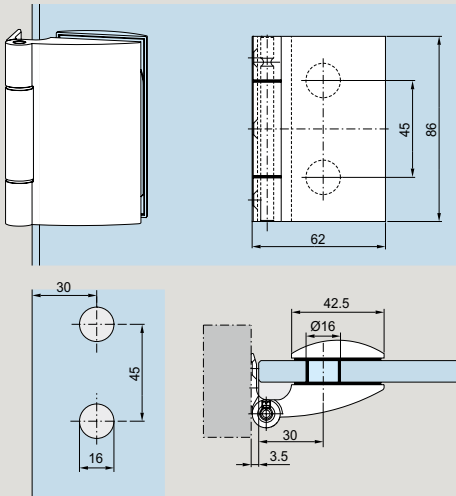
for 8 mm glass thickness, for rebate depth 24 mm. Door width max. 1000 mm.

	Product description	Art. No.
	<p>Hinge for frame pivot complete with sleeve, to suit rebate depth 24 mm door weight max. 60 kg</p> <p>Weight in kg: Aluminum 0.319</p>	24.230
	<p>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</p> <p>Weight in kg: Aluminum 0.144</p>	24.420 (not illustr.)

for 10 mm glass thickness, for rebate depth 26 mm. Door width max. 1000 mm.

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

Special hinges

	Product description	Glass thickness	Art. No.
	<p>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. 1000 mm</p> <p>Weight in kg: Aluminum 0.205</p>	<p>8 10</p>	<p>25.451</p>

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STUDIO1121

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STUDIO1121

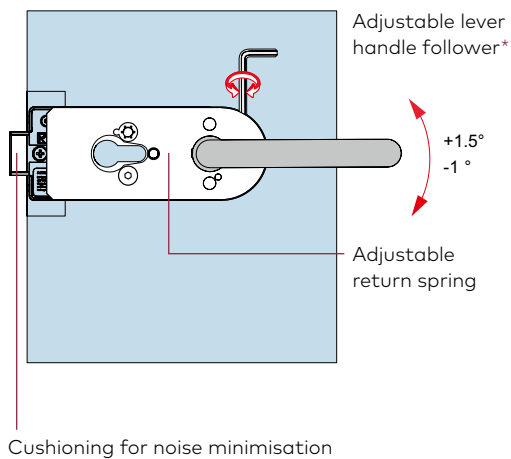
Technical features

- 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 200000 latch and 200000 locking bolt operating cycles.

NEW

Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO 1121
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



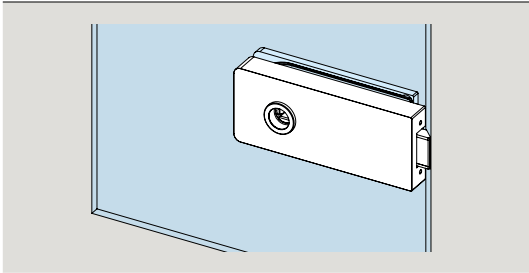
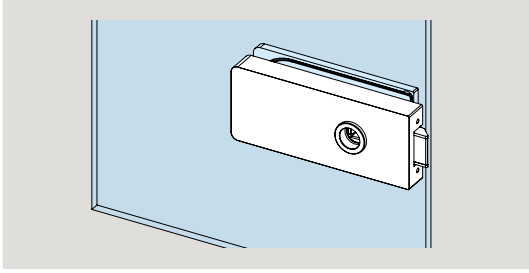
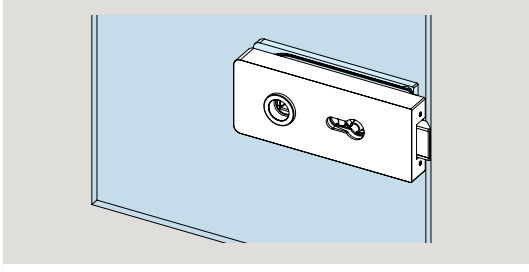
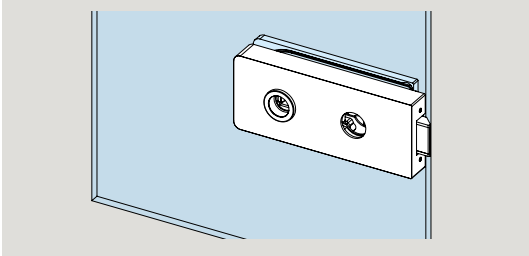
Locks with follower

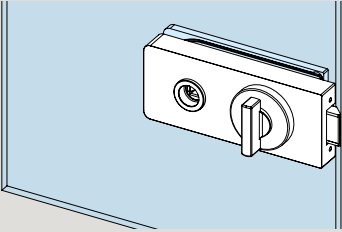
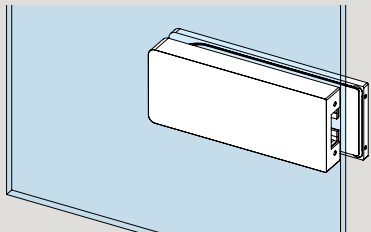
Complying to DIN EN 12209, with regard to type test (see page 5),

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.
	<p>Lock non-locking</p> <p>Weight in kg: Aluminum 1.099</p>	10.150
	<p>Lock non-locking, with follower forward</p> <p>Weight in kg: Aluminum 1.099</p>	10.149
	<p>Lock prepared for Europrofile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.979</p>	10.148
	<p>Lock prepared for round profile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.979</p>	10.156

	Product description	Art. No.
	Lock WC-toilet door Weight in kg: Aluminum 1.068	10.154
	Strike box for pairs of doors Weight in kg: Aluminum 0.930	10.155

Content

STUDIO Medio

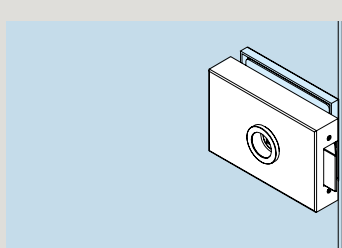
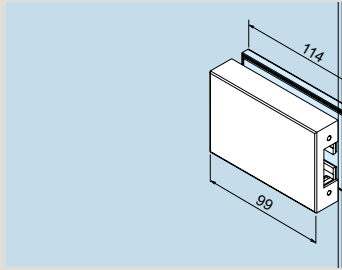
60	Components
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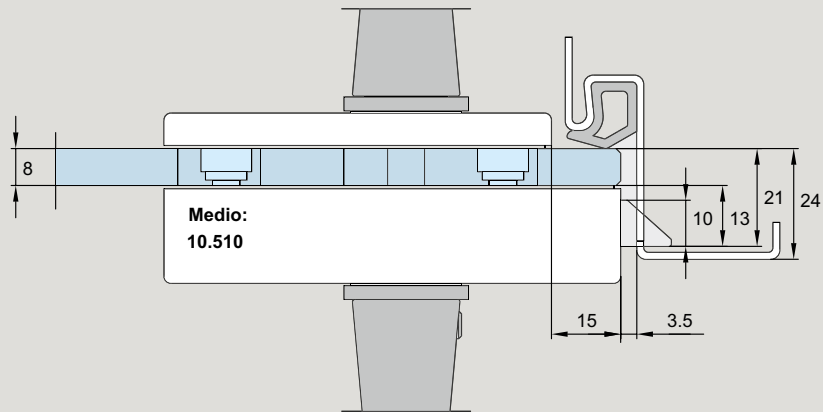
STUDIO Medio

Locks with follower

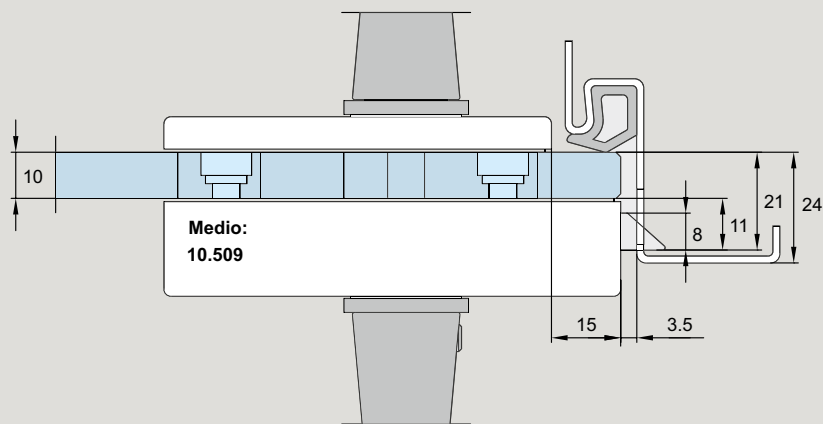
for 8 + 10 mm glass thickness, for 24 mm rebate depth.

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

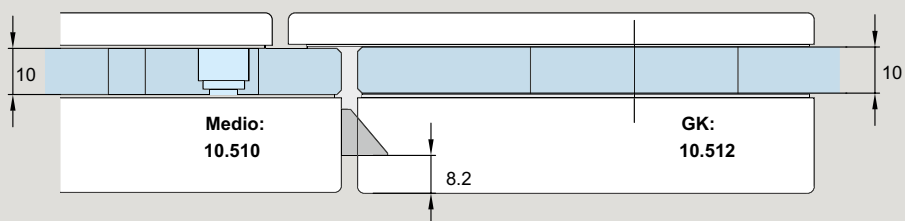
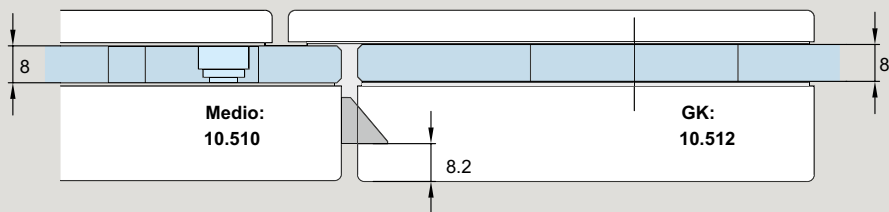
For 8 mm glass thickness in 24 mm rebate depth



For 10 mm glass thickness in 24 mm rebate depth



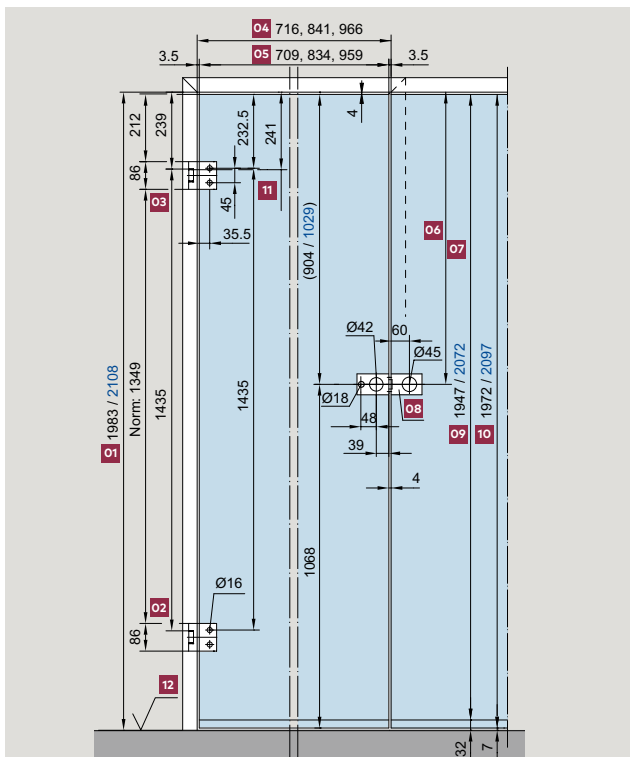
Applications with an occasional door/sidelight:



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.

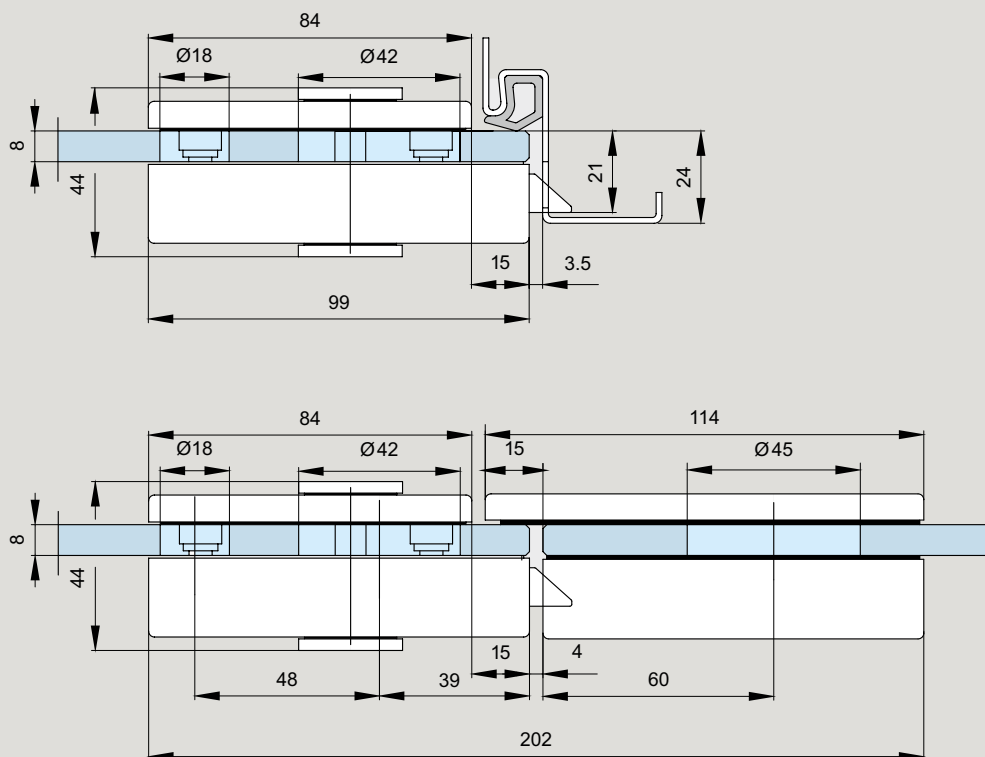
Installation details and sections for frame pivots

STUDIO Medio

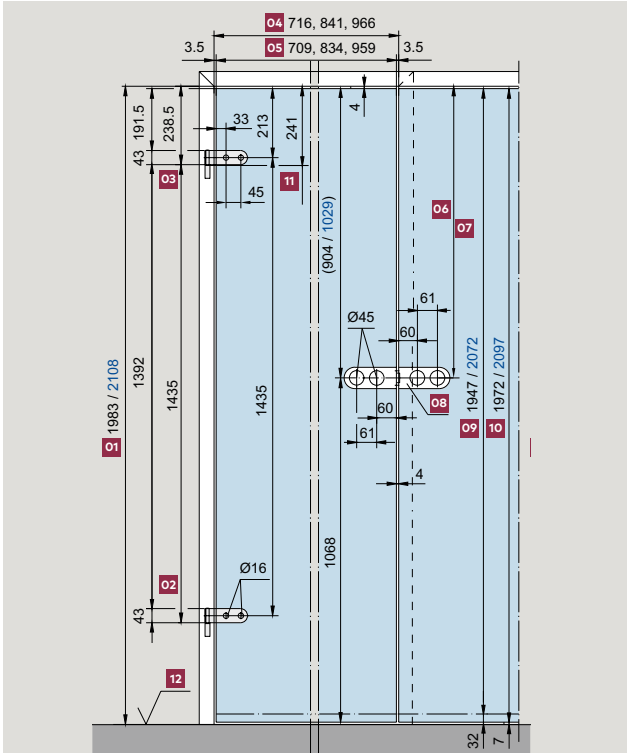


01 Frame rebate height **02** Standard hinge support to DIN 18 111 **03** Standard hinge support **04** Frame rebate width **05** Glass width **06** Centre lock bolt **07** Usually 908 / 1033 mm for doors 1972 / 2108 mm high **08** Strike box **09** Glass height (type S) **10** Glass height (type N) **11** Hinge datum line to DIN 18 268 **12** Finished floor level (FFL)

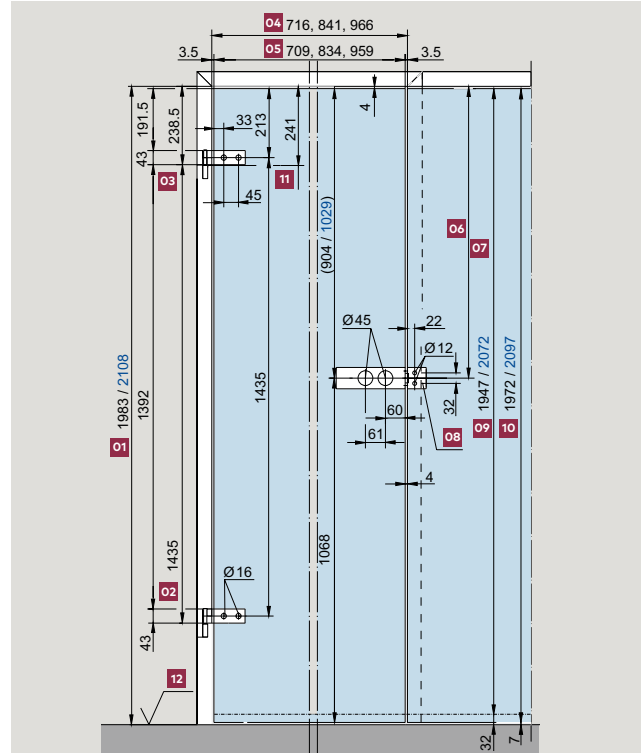
STUDIO Medio



STUDIO Rondo
(STUDIO Classic, STUDIO Gala 2.0)



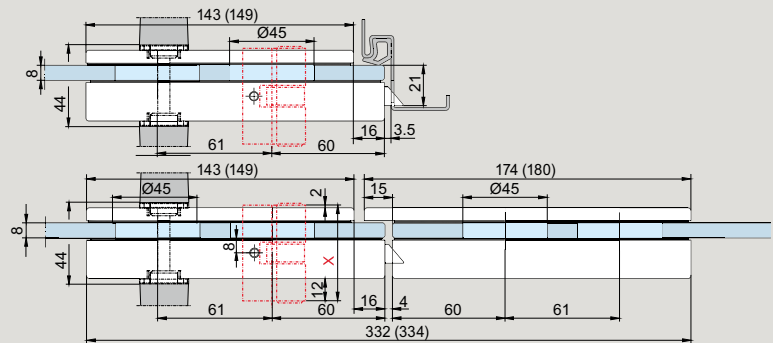
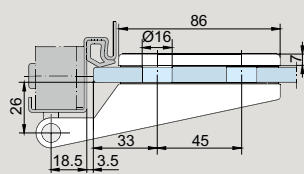
STUDIO Arcos



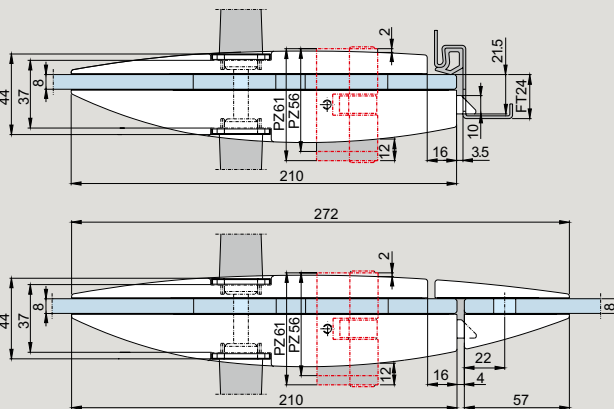
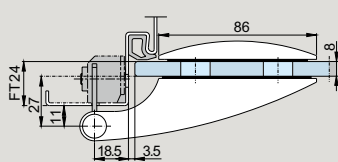
- 01 Frame rebate height
- 02 Standard hinge support to DIN 18 111
- 03 Standard hinge support
- 04 Frame rebate width
- 05 Glass width
- 06 Centre lock bolt
- 07 Usually 908 / 1033 mm for doors 1972 / 2108 mm high
- 08 Strike box
- 09 Glass height (type S)
- 10 Glass height (type N)
- 11 Hinge datum line to DIN 18 268
- 12 Finished floor level (FFL)

STUDIO Rondo
(STUDIO Classic,
STUDIO Gala 2.0)

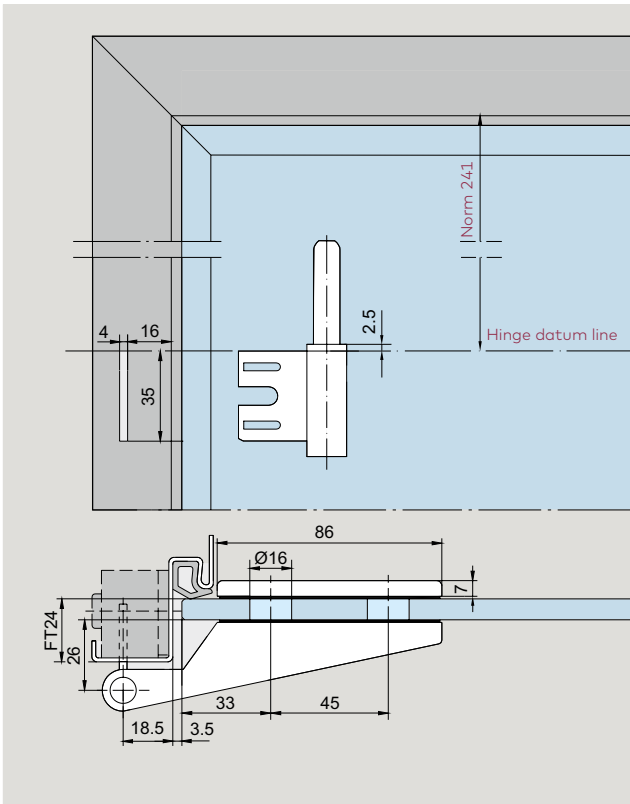
X = 51er PZ



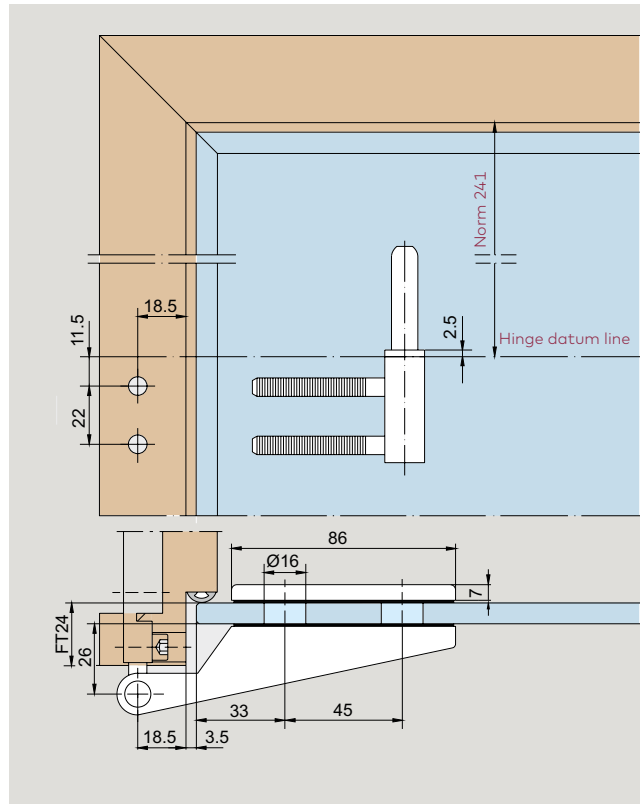
STUDIO Arcos



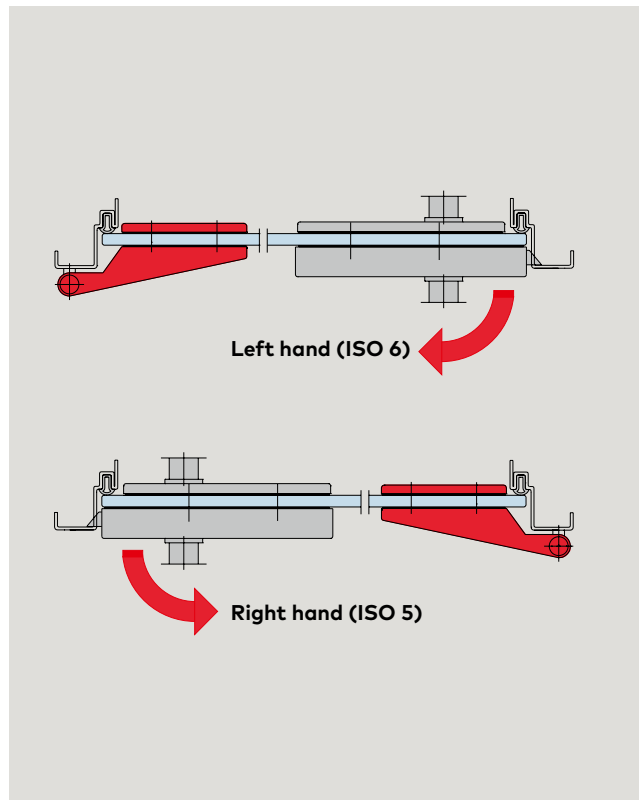
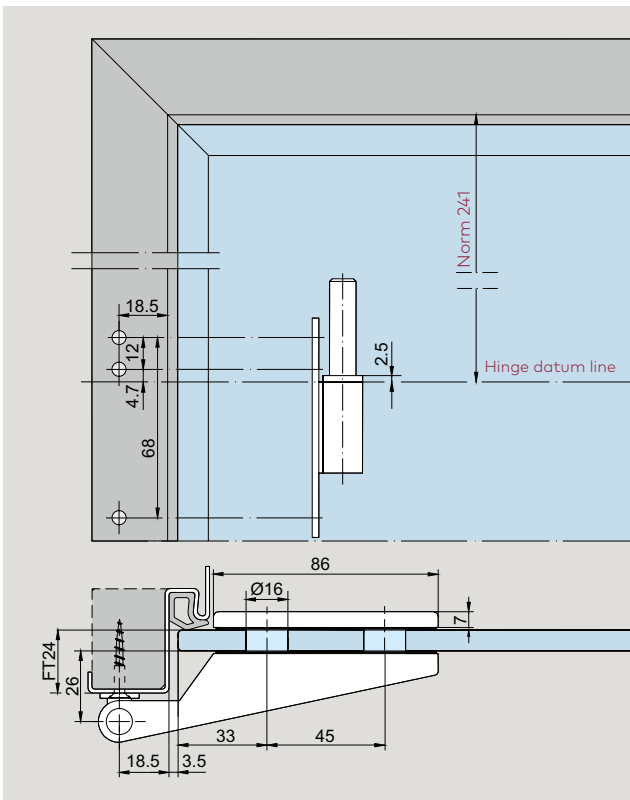
Frame pivots for steel frames



Frame pivots for wooden frames



Screw on frame pivot



Space for your notes

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OFFICE Junior

Technical features

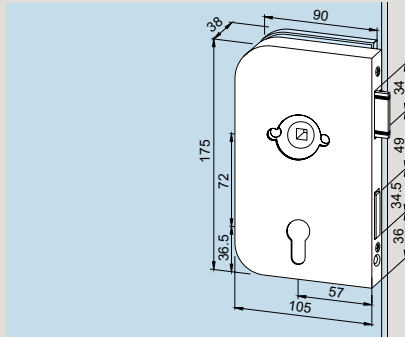
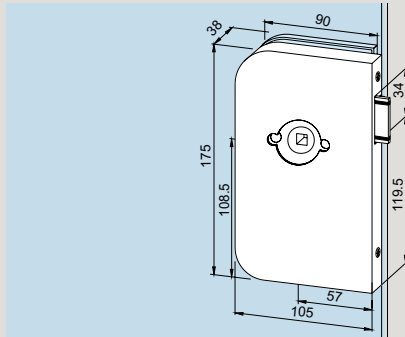
- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable 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 500000 latch and 100000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

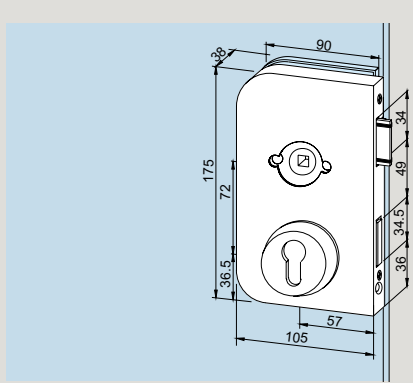
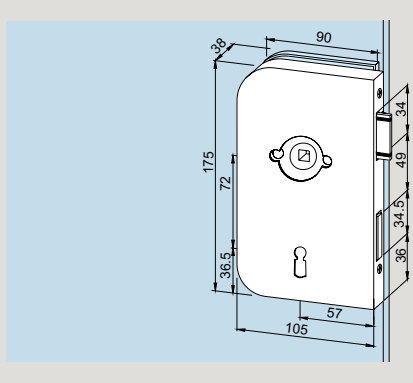
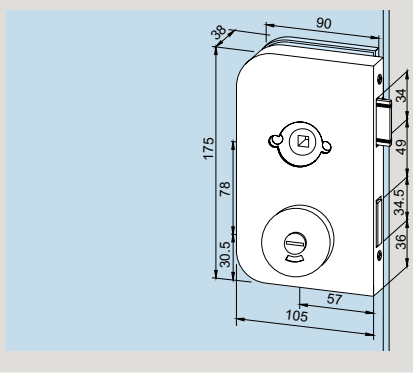
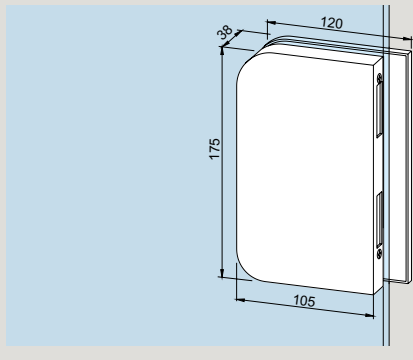
Locks for levers with roses

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 71 (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 Weight in kg: Aluminum 1.214 Stainless steel 1.505	Left Right	11.200 11.201 (not illustr.)
	Lock prepared for Europrofile cylinder, nightlatch function, lock corrosion-resistant Weight in kg: Aluminum 1.230	Left Right	11.210 11.211 (not illustr.)
	Lock non-locking, extended colours options, also available in stainless steel Weight in kg: Aluminum 1.210	Left Right	11.212 11.213 (not illustr.)

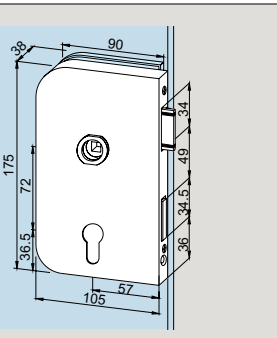
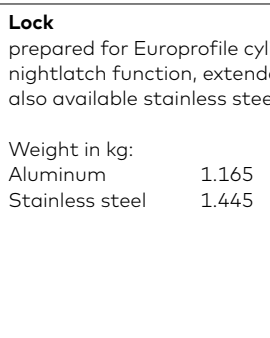
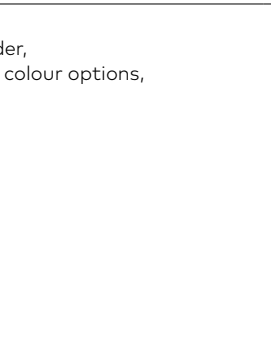
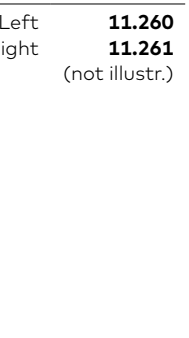
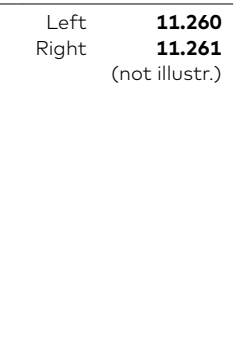
	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function, cylinder rose on lock side, extended colour options Weight in kg: Aluminum 1.200	Left Right	11.242 11.243 (not illustr.)
	Lock prepared for Europrofile cylinder, nightlatch function, cylinder roses on both sides, extended colour options, Weight in kg: Aluminum 1.214	Left Right	11.228 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 Right	11.202 11.203 (not illustr.)
	Lock prepared for round profile cylinder, nightlatch function Weight in kg: Aluminum 1.075	Left Right	11.240 11.241 (not illustr.)
	Lock bathroom lock function Weight in kg: Aluminum 1.040	Left Right	11.204 11.205 (not illustr.)
	Lock bathroom lock function, lock corrosion resistant Weight in kg: Aluminum 1.210	Left Right	11.214 11.215 (not illustr.)
	Strike box for OFFICE Junior locks, extended colour options Weight in kg: Aluminum 1.019 Stainless steel 1.335	Left Right	11.206 11.207 (not illustr.)

Locks with follower

Complying to the current DIN EN 12209 (see page 7).

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 71 (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 1000 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>	11.230*
	<p>Hinge for frame pivot complete with sleeve, stainless steel pin, to be used in damp environments, door weight max. 80 kg</p> <p>Weight in kg: Aluminum 0.360</p>	11.237
	<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>	11.245 (not illustr.)
	<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>	11.238

* Finish stainless steel, satin (compatible with 750) (700), not usable with screw-on frame pivot 11.405 (page 107).

Hinges for frame pivots

	Product description	Glass thickness	Art. No.
	<p>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. 1200 mm</p> <p>Note: Consider separate frame processing</p> <p>do. for 40 mm rebate depth door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.519</p> <p>Note: Consider separate frame processing</p>		<p>11.233</p> <p>11.340 (not illustr.)</p>
	<p>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. 1000 mm</p> <p>Weight in kg: Aluminum 0.425</p>		<p>11.239</p>
	<p>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. 1000 mm</p> <p>Weight in kg: Aluminum 0.205</p>	<p>8 mm 10 mm</p>	<p>12.090</p>

Space for your notes

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OFFICE Classic

Technical features

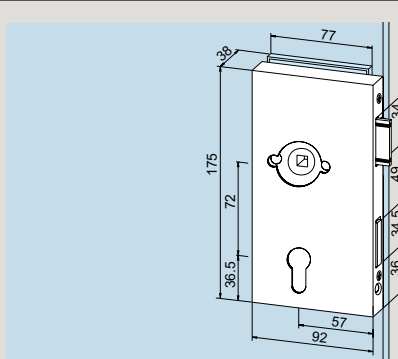
- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable 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 500000 latch and 100000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

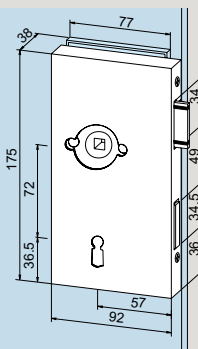
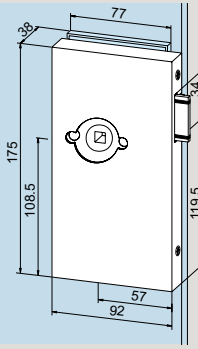
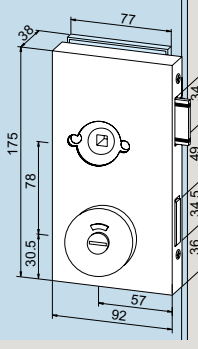
Locks for levers with roses

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 79 (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	11.270 11.271 (not illustr.)
	Weight in kg: Aluminum 1.165		

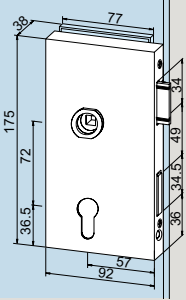
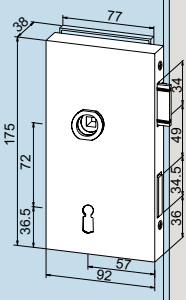
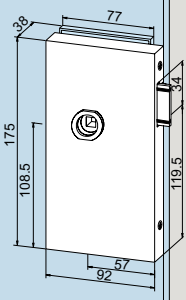
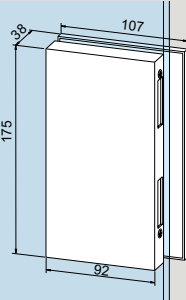

	Product description	DIN	Art. No.
	<p>Lock warded key, without nightlatch function, 2 keys supplied</p> <p>Weight in kg: Aluminum 1.115</p>	Left 11.272 Right 11.273 (not illustr.)	
	<p>Lock prepared for round profile cylinder, with nightlatch function 2 keys supplied</p> <p>Weight in kg: Aluminum 1.113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

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 79 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm).

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

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 1000 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 1000 mm.

	Product description	Glass thickness	Art. No.
	<p>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. 1200 mm</p> <p>do. for 40 mm rebate depth, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.519</p>		<p>11.291</p> <p>11.341 (not illustr.)</p>
	<p>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. 1000 mm</p> <p>Weight in kg: Aluminum 0.425</p>		<p>11.342</p>
	<p>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. 1000 mm</p> <p>Weight in kg: Aluminum 0.230</p>	<p>8 10</p>	<p>12.091</p>

Space for your notes

Content

OFFICE Mundus

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OFFICE Mundus

Technical features

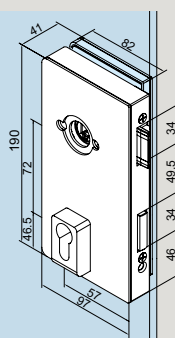
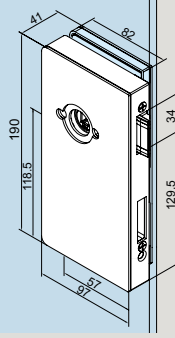
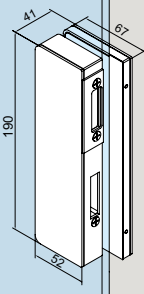
- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable 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 500000 latch and 100000 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.

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

Hinges page 86 (also to suit doors with no over-rebate and rebate depth 25 – 40 mm)

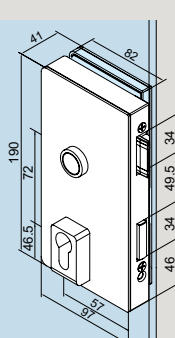
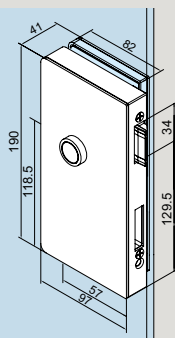
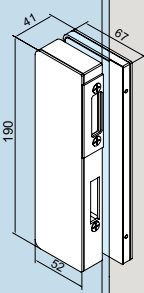
	Product description	DIN	Art. No.
	Lock prepared for Europrofile cylinder, nightlatch function	Left Right	11.842 11.843 (not illustr.)
	Weight in kg: Aluminum 0.730 Stainless steel 1.120		
	Lock non-locking	Left Right	11.844 11.845 (not illustr.)
	Weight in kg: Aluminum 0.800 Stainless steel 1.150		
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

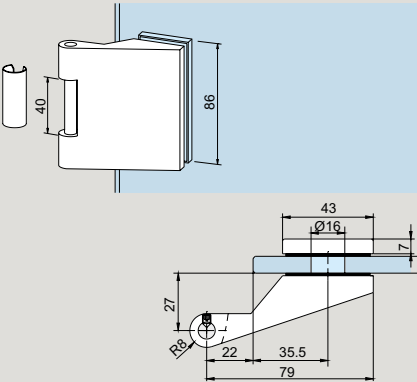
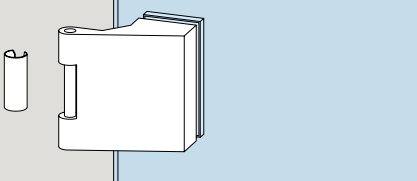
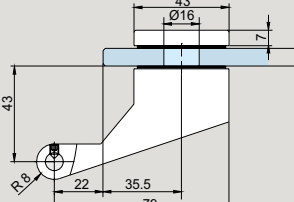
Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

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 86 (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	11.838 11.839 (not illustr.)
	Weight in kg: Aluminum 0.830 Stainless steel 1.240		
	Lock non-locking	Left Right	11.840 11.841 (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		
	Set follower for 16 mm diameter		11.860 (not illustr.)
	Screw set for use of lock in combination with following glass thicknesses: glass thickness in mm:		
	12-15		11.861
	15-22		11.862
			(not illustr.)
	Screw set for use of strike box in combination with following glass thicknesses: glass thickness in mm:		
	12-15		11.863
	15-19		11.864
	19-22		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 1000 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 1000 mm.

	Product description	Glass thickness	Art. No.
	<p>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. 1200 mm</p> <p>do. for 40 mm rebate depth, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.519</p>		<p>11.291</p> <p>11.341 (not illustr.)</p>
	<p>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. 1000 mm</p> <p>Weight in kg: Aluminum 0.425</p>		<p>11.342</p>
	<p>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. 1000 mm</p> <p>Weight in kg: Aluminum 0.230</p>	<p>8 10</p>	<p>12.091</p>

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OFFICE Arcos

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OFFICE Arcos

Locks with follower

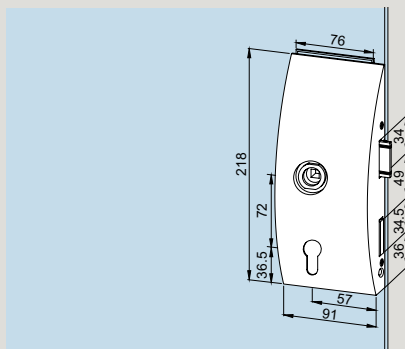
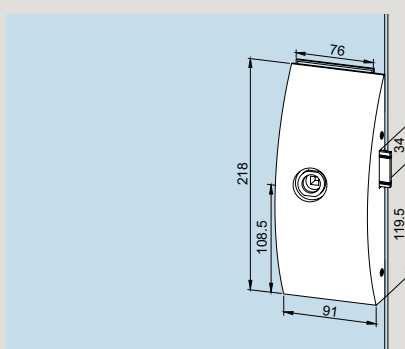
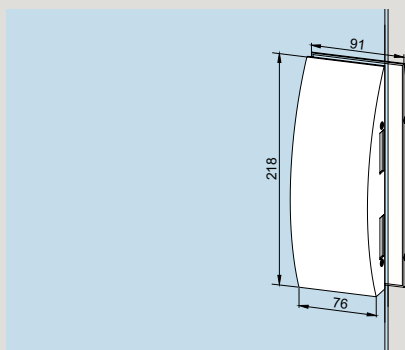
Complying to the current DIN EN 12209, successfully tested during extended type testing.

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 500000 latch and 100000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

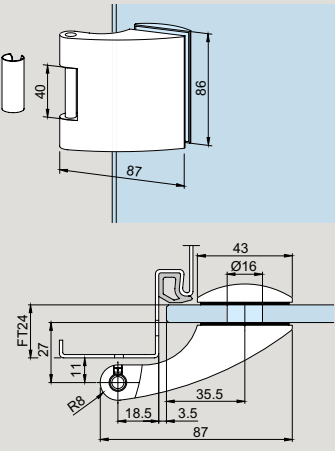
Complying to the current DIN EN 12209, successfully tested during extended type testing.

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 1000 mm.

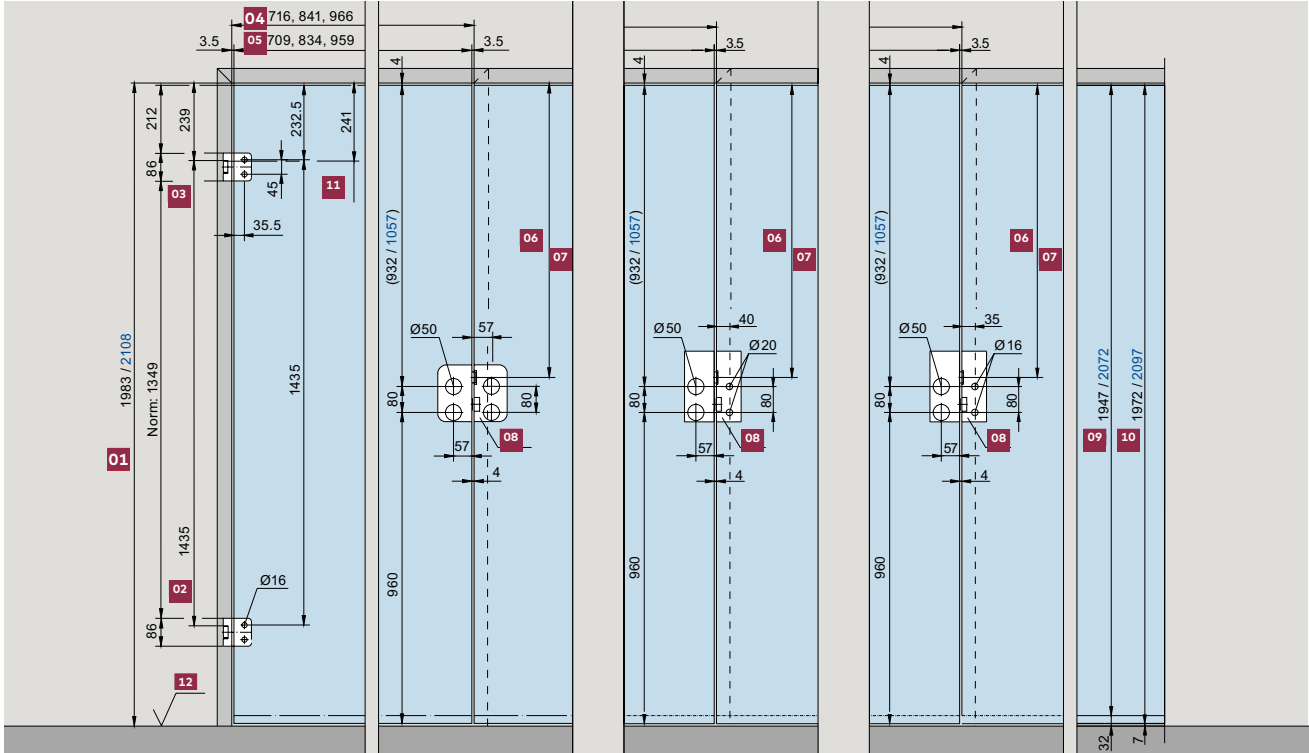
	Product description	Art. No.
	<p>Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg</p> <p>Weight in kg: Aluminum 0.358</p> <p>Hinge for frame pivot complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg</p> <p>Weight in kg: Aluminum 1.111</p>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

Installation details and sections for frame pivots and locks

OFFICE Junior / Classic

OFFICE Arcos

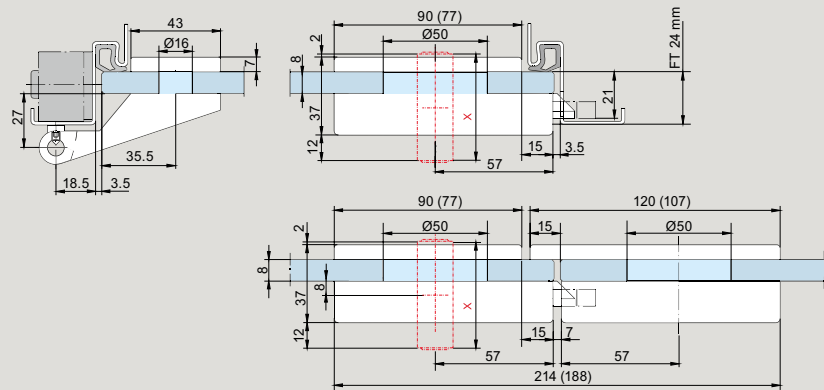
OFFICE Mundus



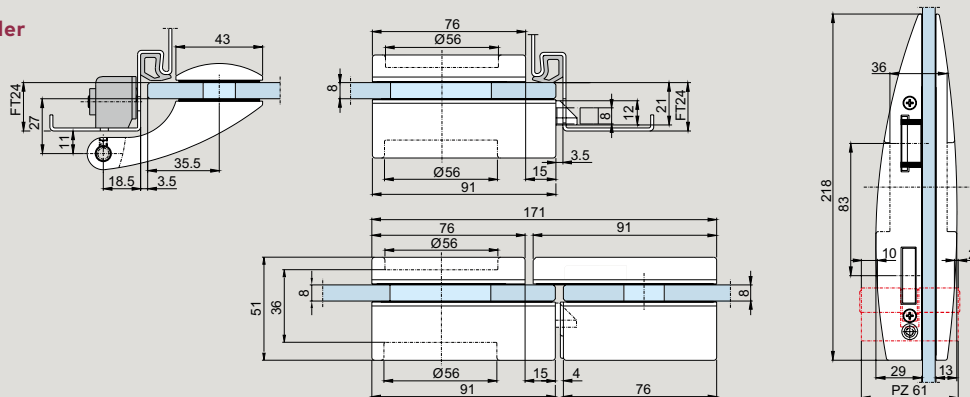
01 Frame rebate height 02 Standard hinge support to DIN 18 111 03 Standard hinge support 04 Frame rebate width
 05 Glass width 06 Centre lock bolt 07 Usually 908 / 1033 mm for doors 1972 / 2108 high 08 Strike box 09 Glass height (type S)
 10 Glass height (type N) 11 Hinge datum line to DIN 18 268 12 Finished floor level (FFL)

OFFICE Junior (OFFICE Classic)

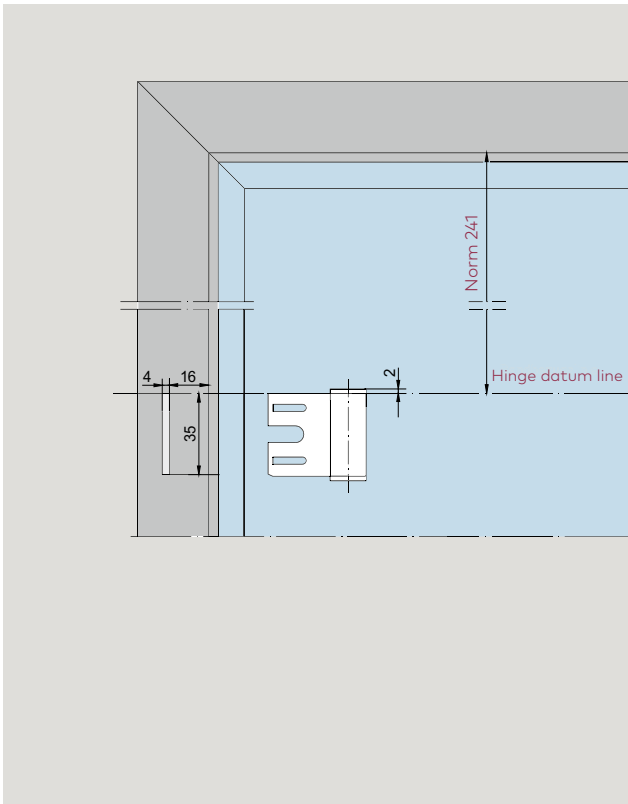
X = S1er PZ



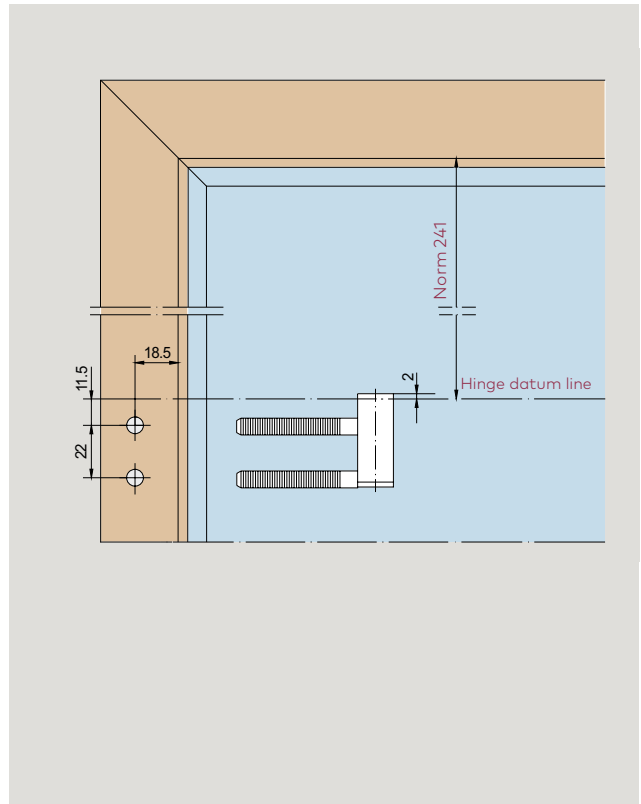
OFFICE Arcos 61 mm profile cylinder



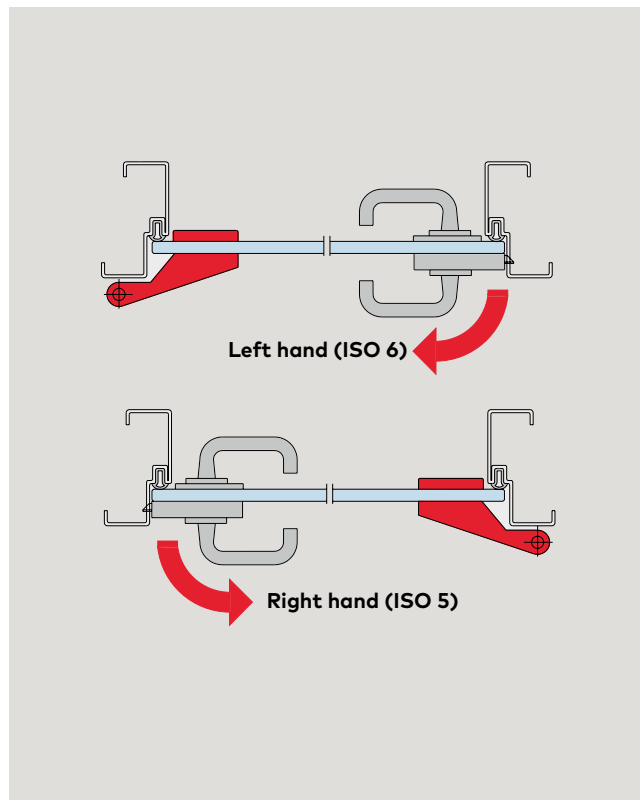
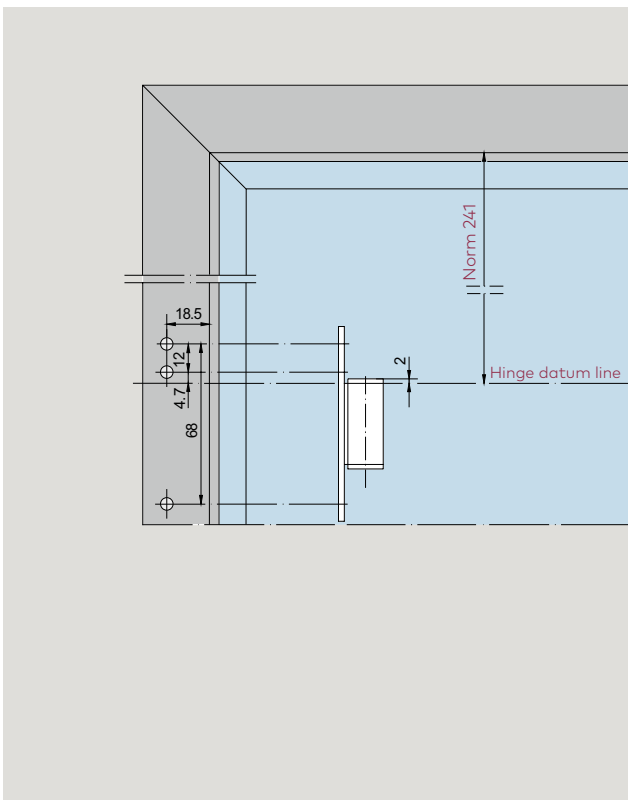
Frame pivots for steel frames



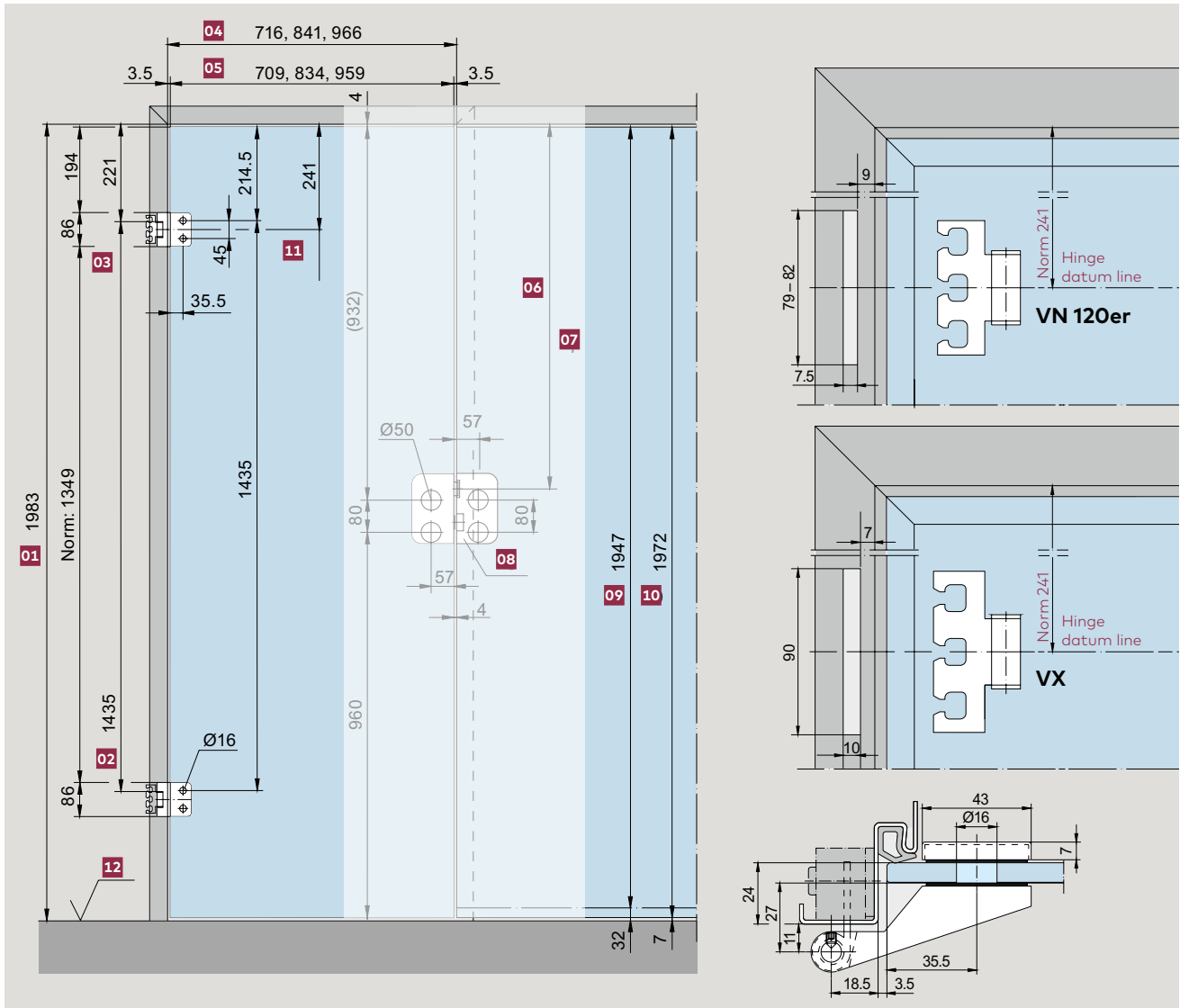
Frame pivots for wooden frames



Screw on frame pivot

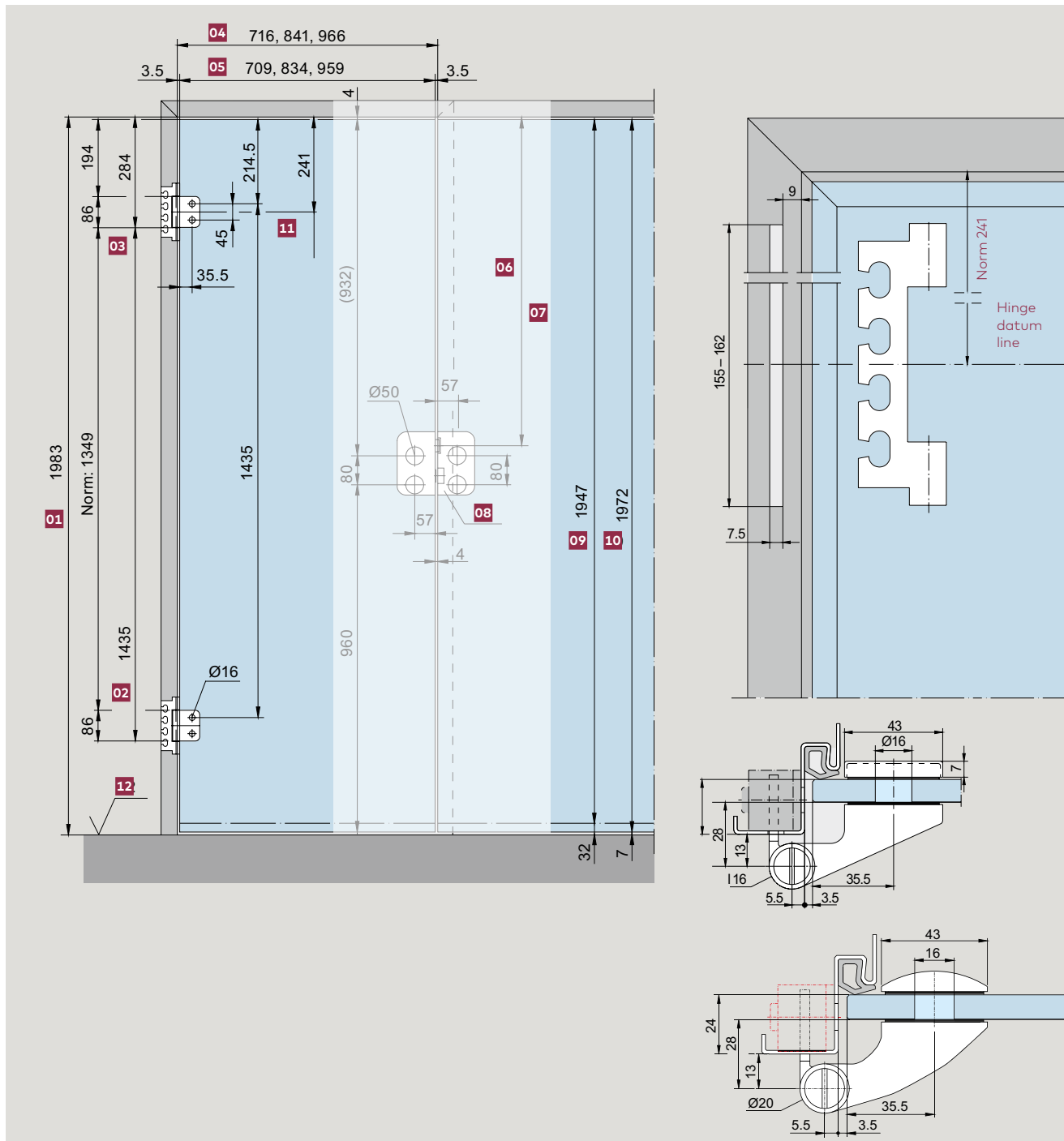


Frame pivot for frame pocket type VN 120 / type VX



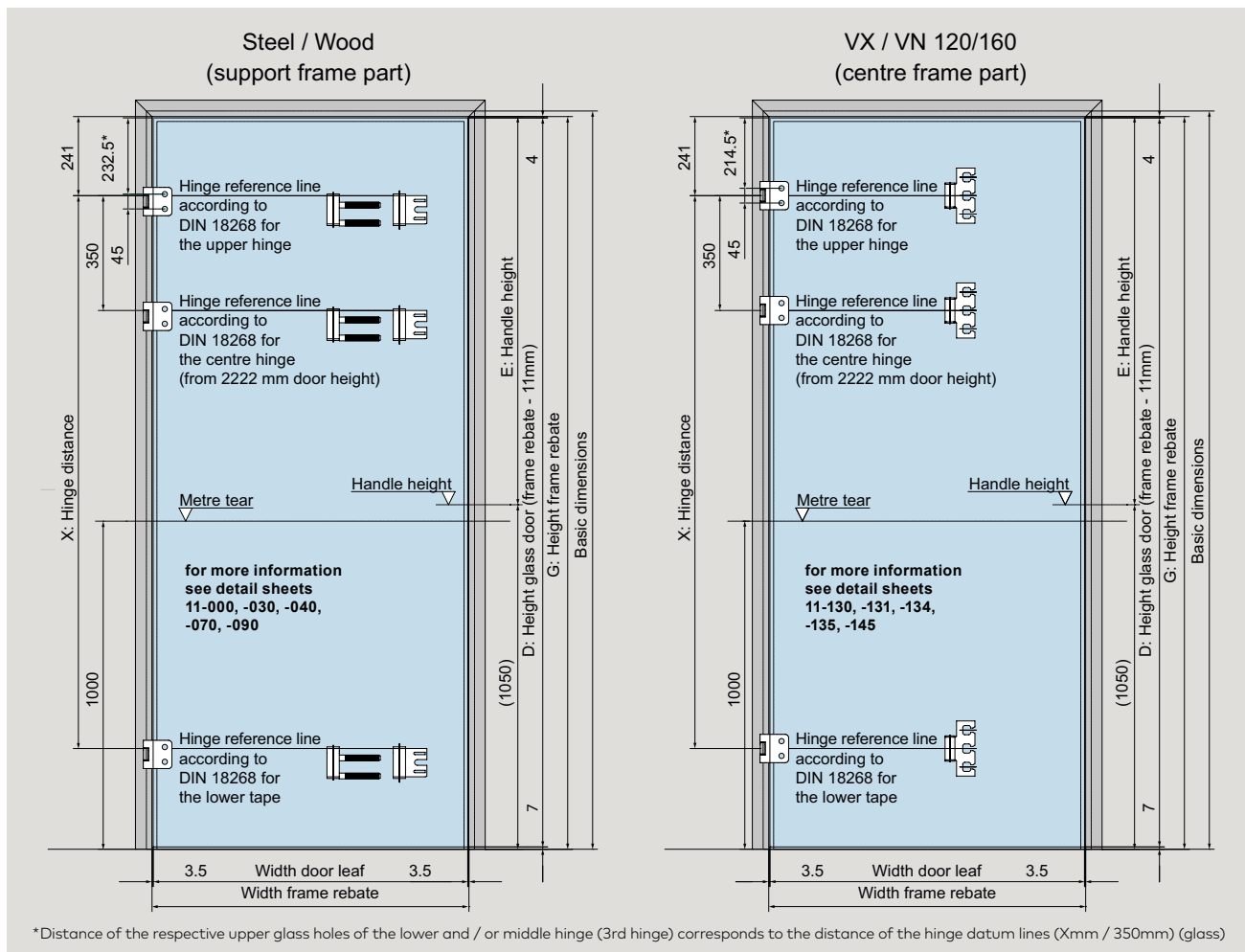
- | | | |
|---|--|--|
| 01
Frame rebate height | 05
Glass width | 09
Glass height (type S) |
| 02
Standard hinge support to DIN 18 111 | 06
Centre lock bolt | 10
Glass height (type N) |
| 03
Standard hinge support | 07
Usually 908 mm for doors 1972 mm high | 11
Hinge datum line to DIN 18 268 (= hinge centre) |
| 04
Frame rebate width | 08
Strike box | 12
Finished floor level (FFL) |

Frame pivot for 160 mm type VN frame pocket



- | | | |
|---|--|--|
| 01
Frame rebate height | 05
Glass width | 09
Glass height (type S) |
| 02
Standard hinge support to DIN 18 111 | 06
Centre lock bolt | 10
Glass height (type N) |
| 03
Standard hinge support | 07
Usually 908 mm for doors 1972 mm high | 11
Hinge datum line to DIN 18 268 (= hinge centre) |
| 04
Frame rebate width | 08
Strike box | 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	1625	1597		1608		1060	554
2	1750	1722		1733		1185	679
3	1875	1847		1858		1310	804
4	2000	1972		1983		1435	929
5	2125	2097	709, 834, 959, 1084	2108	716, 841, 966, 1091	1435	1054
6	2250	2222		2233		1685	1179
7	2375	2347		2358		1810	1304
8	2500	2472		2483		1935	1429
9	2625	2597		2608		2060	1554
10	2750	2722		2733		2185	1679

*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 1050 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 2222 mm, otherwise the warranty claim will expire. STUDIO door applications are not suitable for door heights greater than 1997 mm, therefore the use of a third hinge in these applications is not recommended.

Content

Special hinges

100 **Components**

171 **Safety-related information**



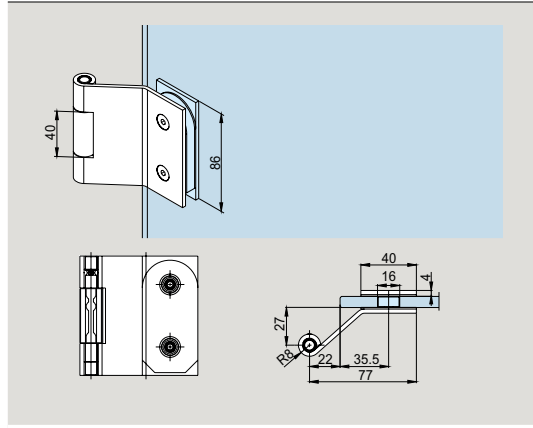
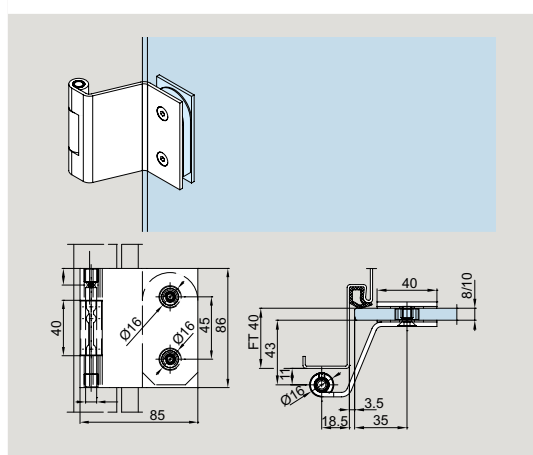
Special hinges

Stainless steel hinge for internal glass doors

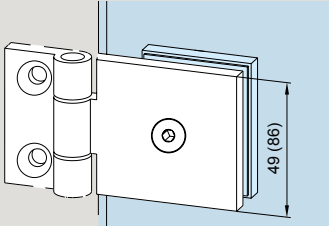
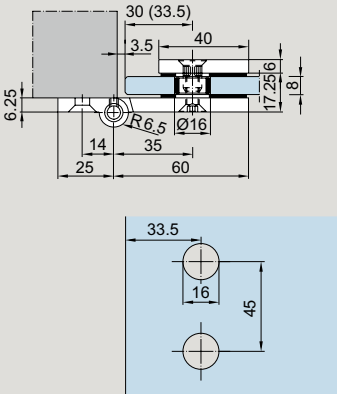
for 8 mm and 10 mm glass.

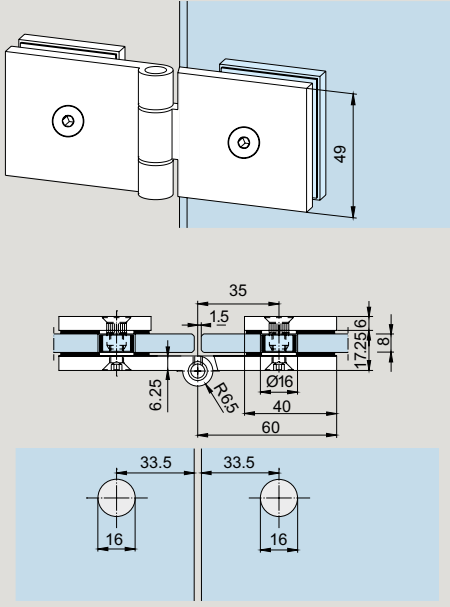
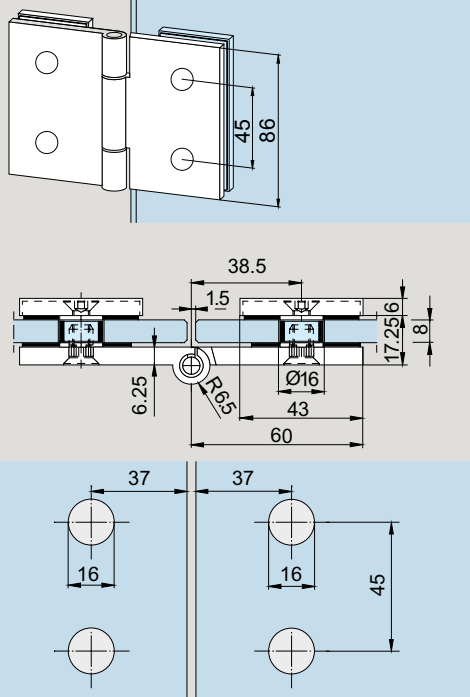
Hinges meet highest corrosion resistance
(EN 1670, class 4)

For 8 mm glass thickness / 24 mm rebate depth,
10 mm glass thickness / 26 mm rebate depth resp.,
max. door width 1000 mm.

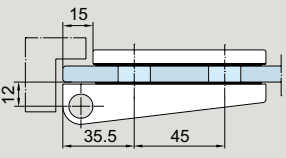
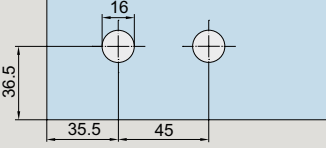
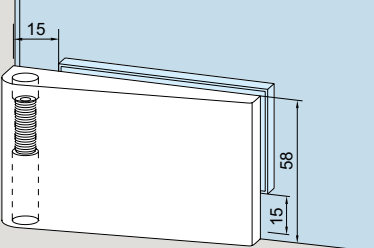
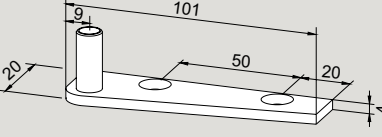
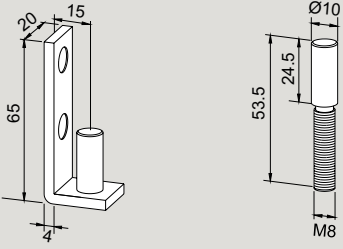
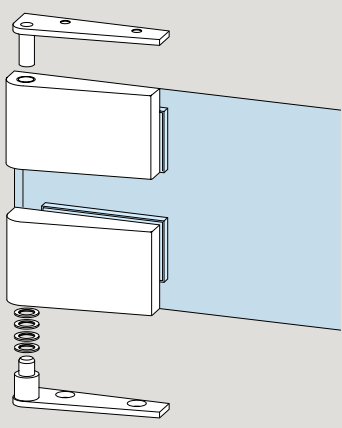
	Product description	Art. No.
	<p>Stainless steel hinge for frame pivot with stainless steel sleeve, stainless steel pin, door weight max. 80 kg</p> <p>Weight in kg: Stainless steel 0.332</p>	<p>11.500</p>
	<p>Stainless steel hinge for frame pivot for rebate depth 40 mm, with stainless steel sleeve, stainless steel pin, door weight max. 70 kg</p> <p>Weight in kg: Stainless steel 0.371</p> <p>Please note: Applications / glass preparation like OFFICE Classic (see page 93). Frame pivots on page 107.</p>	<p>11.502</p>

Hinges for 8 mm glass thickness

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

	Product description	Art. No.
	<p>Double hinge without covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg</p> <p>Weight in kg: Aluminum 0.208</p>	<p>12.030</p>
	<p>Double hinge with covers for clamping plates, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.344</p>	<p>12.032</p>

Corner hinges for 8 mm and 10 mm glass thickness

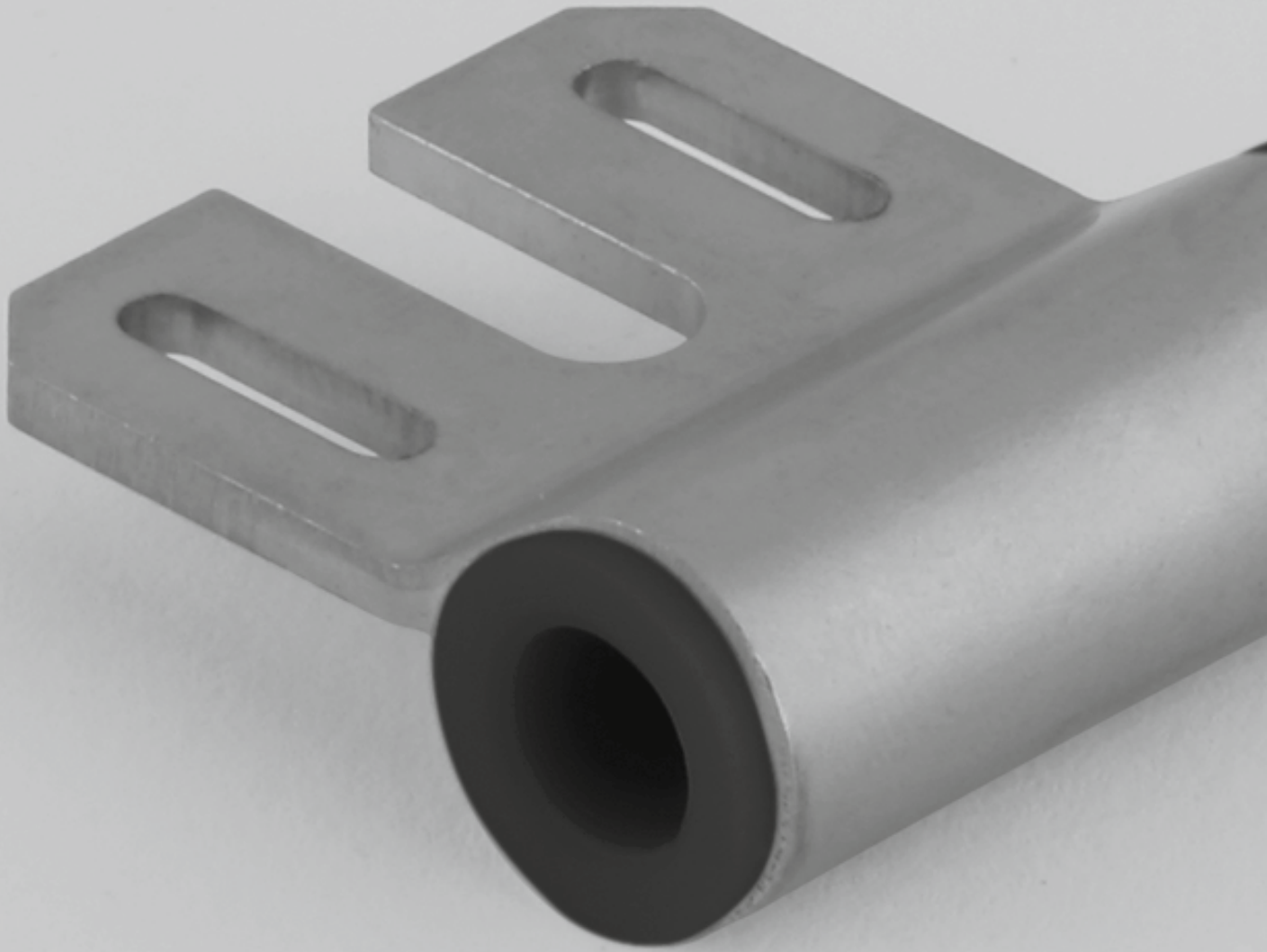
	Product description	Glass thickness	DIN	Art. No.
	Corner hinges, pairs with free glass edge on top resp. underneath and at side, height adjustable, extended colour options, door weight max. 35 kg	8		12.001
		10		12.009
	Weight in kg: Aluminum 0.130 Brass 1.006			
	Pair of floor and top pivot for corner hinges, brass satin chromed, stainless steel pin			12.016*
	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. 1100 mm			
	Weight in kg: Aluminum 0.825			

* Cannot be combined with corner hinges 12.040/12.041.

Content

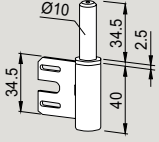
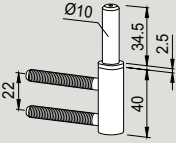
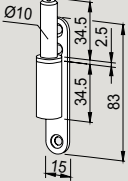
Accessories

106	Frame pivots for internal glass doors
108	Frame pocket
108	push-on sleeves
111	Door rails for internal doors
113	Door bolts / door catch
116	Accessories door closer
171	Safety-related information



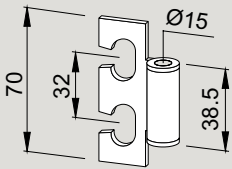
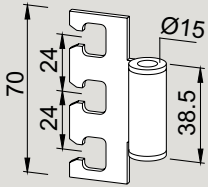
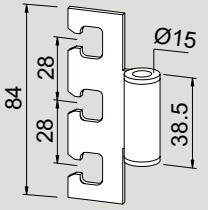
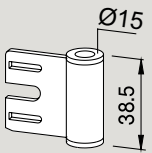
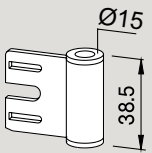
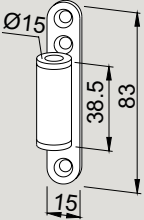
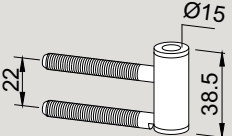
Accessories

Frame pivots for STUDIO

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

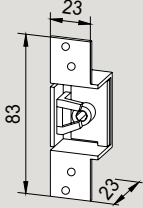
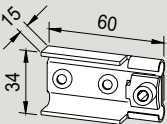
Please note the rebate depth when choosing each door hinge.

Frame pivots for OFFICE

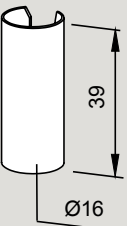
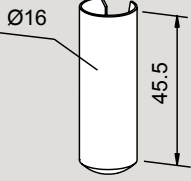
	Product description	Art. No.
	Frame pivot for 160 frame pocket (reception element for example VN 7608/160 3D, or equivalent) Satin stainless steel for door hinge 11.230, 11.288, 25.230, Weight in kg: 0.056	11.249
	Frame pivot for 120 mm type VN-frame pocket (reception element for example VN 7608/120 3D, or equivalent) stainless steel Weight in kg: 0.071	11.308
	Frame pivot for all 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	11.309
	Frame pivot for steel frames stainless steel, plastic bushing Weight in kg: 0.045	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 stainless steel, satin (compatible with 750) (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.

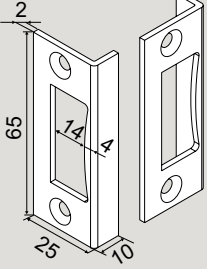
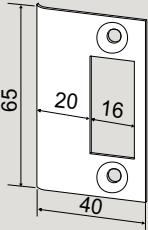
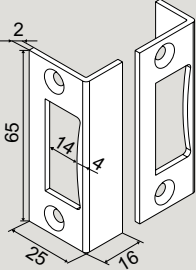
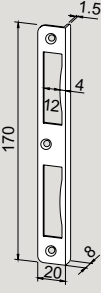
Frame pocket

	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

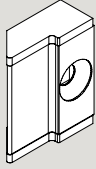
Push on sleeves

	Product description	Art. No.
	Push-on sleeve for all OFFICE frame pivots 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

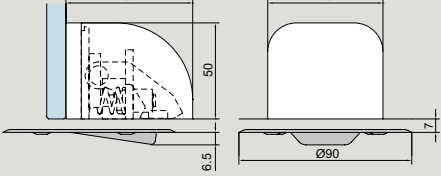
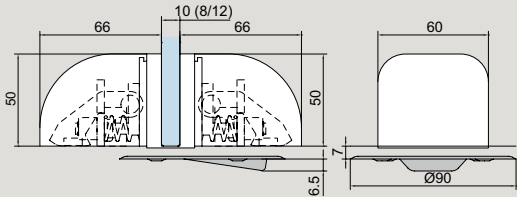
Strike plates

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

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 10 12	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.)
	Easy-Stop is suitable for interior single- and double-action doors with a maximum door panel weight of up to 80 kg (glass) or 160 kg (wood and metal).		

Further floor and wall door stops see page 115

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	12.102	
		10	12.122	
	norm length 959 mm	8	12.103	
		10	12.123	
	stock length 1200 mm	8	12.104	
		10	12.124	
	fixed length 1200 mm (for adaptation by the customer)	8	12.100	
		10	12.120	
	Weight in kg: Aluminum	0.833		
	Brush seal to insert into door rails, with plastic brush, 5 mm projection, stock length 2000 mm fixed length 1200 mm stock length 1000 mm fixed length 1000 mm			
			12.110	
			12.111	
			12.115	
			12.116	
	Weight in kg:	0.142	8	12.106 (not illustr.)
	Plastic end cap black		8	12.108 (not illustr.)
	Plastic end cap white		10	12.108 (not illustr.)
	Weight in kg:	0.001		
	Plastic end cap black			
Weight in kg:	0.001			
Plastic end cap white		10	12.109 (not illustr.)	
Weight in kg:	0.001			

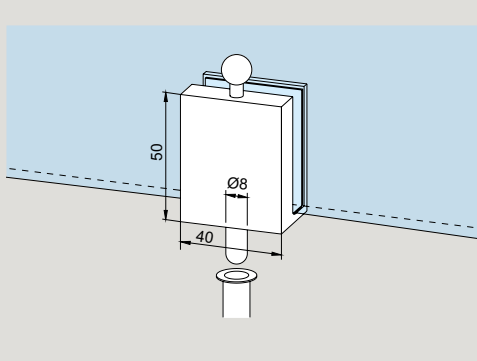
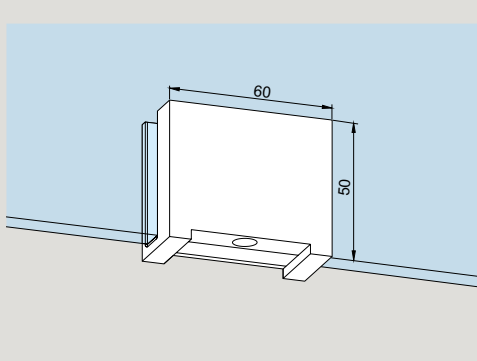
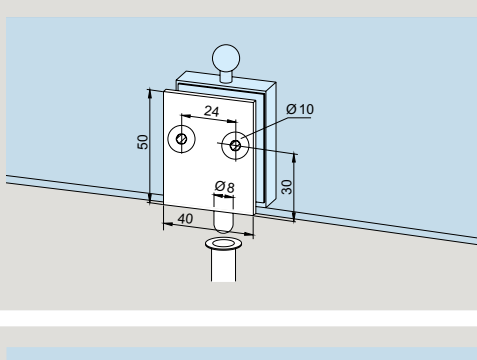
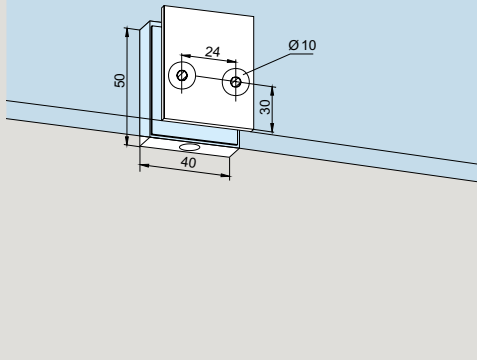

Door rails with automatic seals

	Product description	Lengths	Surface	Glass thickness	Art. No.
	Door rail with drop-down seal Schall-Ex® GS-A	833	F 150	≥6	812.434.150.99
			F 157	≥6	812.434.157.99
	• Seal and cover profile self-adhesive	958	F 150	≥6	812.439.150.99
			F 157	≥6	812.439.157.99
	• Suitable for all doors with a glass thickness of 6 mm or more	1083	F 150	≥6	812.444.150.99
			F 157	≥6	812.444.157.99
	• Can be shortened 125 mm	1208	F 150	≥6	812.449.150.99
			F 157	≥6	812.449.157.99
	• Retrofittable				
	• Stroke 11 mm				
	Transfer door rail with drop-down seal for bonding on site Schall-Ex® GS-H8/12	833	F 150	8-12	812.430.150.99
			F 157	8-12	812.430.157.99
	• Universal glass door seal for doors with glass thicknesses from 8 - 12 mm	958	F 150	8-12	812.435.150.99
			F 157	8-12	812.435.157.99
	• Unilateral triggering	1083	F 150	8-12	812.440.150.99
			F 157	8-12	812.440.157.99
	• Stainless steel cover on lock side	1208	F 150	8-12	812.445.150.99
			F 157	8-12	812.445.157.99
	• Can be shortened 125 mm				
	• Stroke 11 mm				

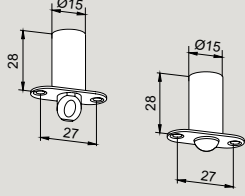
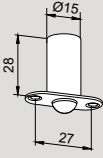
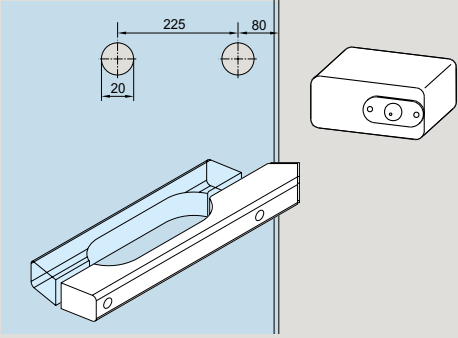
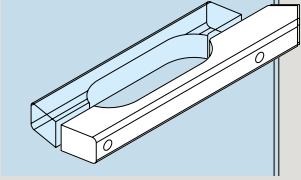
	Product description	Lengths	DIN	Glass thickness	Art. No.
	Door rail with automatic seal, push on fit	834	Left	8	12.202
			Right	8	12.203
	Weight in kg:		Left	10	12.212
	Aluminum		Right	10	12.213
	1.559	959	Left	8	12.204
			Right	8	12.205
			Left	10	12.214
			Right	10	12.215
		Fixed length up to 1200	Left	8	12.200
			Right	8	12.201
		Left	10	12.210	
		Right	10	12.211	

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

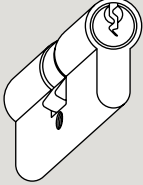
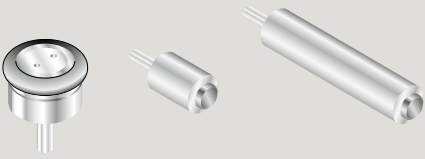
Door bolts

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

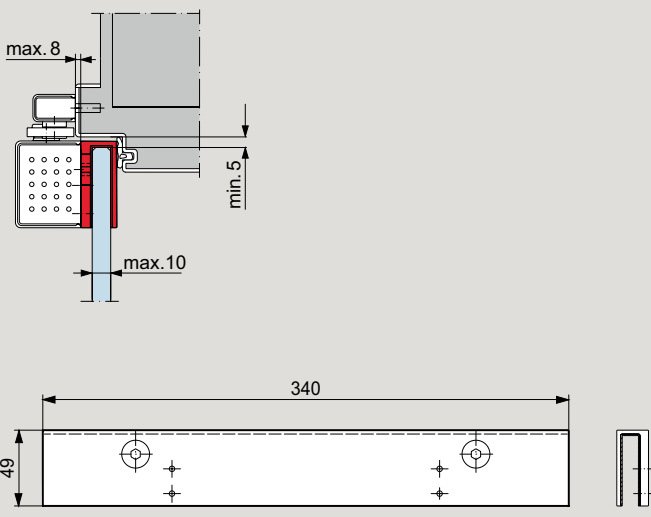
Door bolts

	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

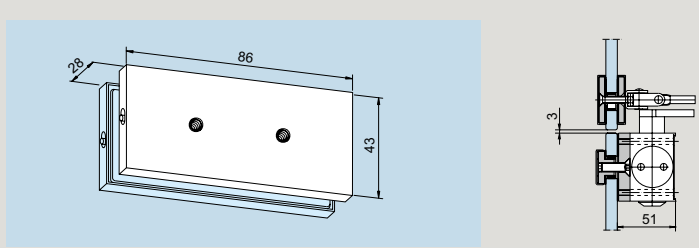
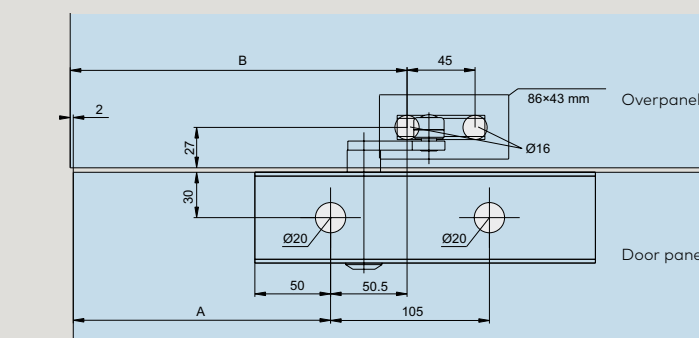
	Product description	Art. No.
	Profile cylinder length 61 mm, differently keyed,	05.001
	Profile cylinder length 61 mm, equally keyed,	05.002
	Further cylinders of the DORMA-Glas range on demand.	
	Floor doorstop	29.950
	Wall doorstop short	29.951
	Wall doorstop long	29.952

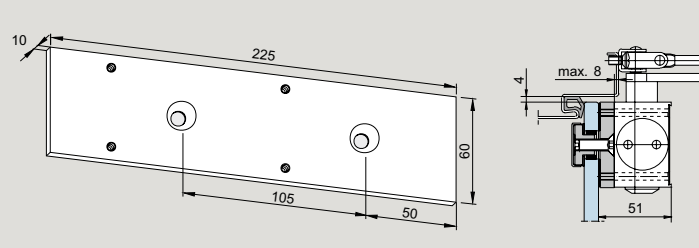
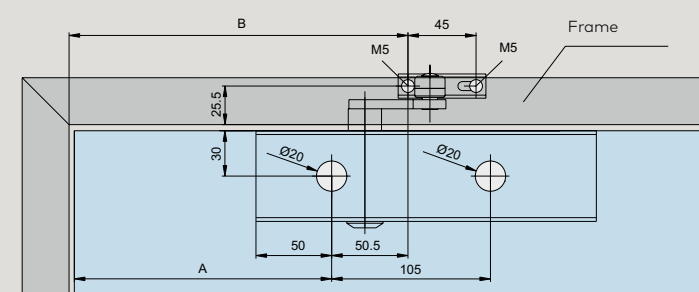
TS 97

	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

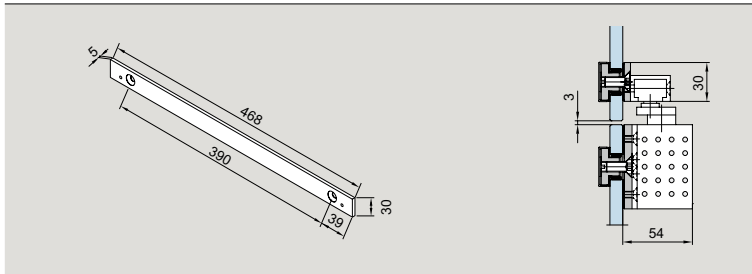
for dormakaba Door Closer TS 73 V

	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	248
	UNIVERSAL / MUNDUS	245	298
	STUDIO / OFFICE	170	223
	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



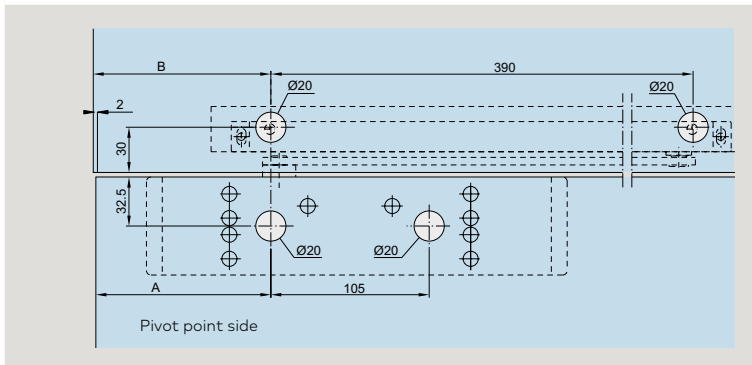
Product description

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

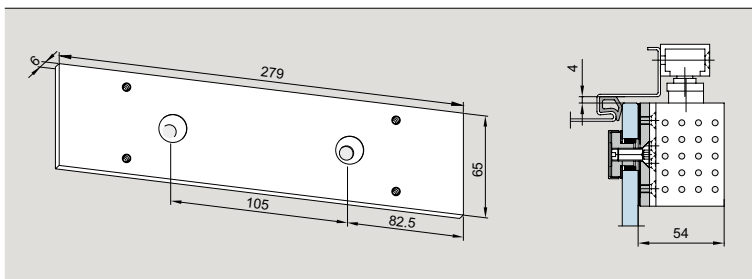
Weight in kg:
Aluminum 0.265



Pivot point fitting

A B

EA (AT)	200	202
UNIVERSAL / MUNDUS	250	252
STUDIO / OFFICE	148	150
UNIVERSAL Arcos	265	267



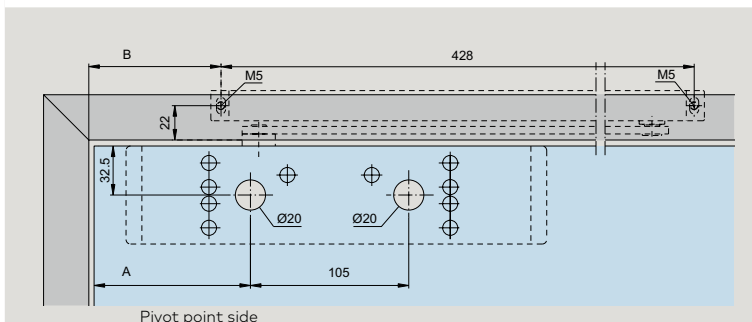
Product description

Art. No.

Fixing plate
279 mm,
for TS 92
(Issue 07/02)

12.334

Weight in kg:
Aluminum 0.290

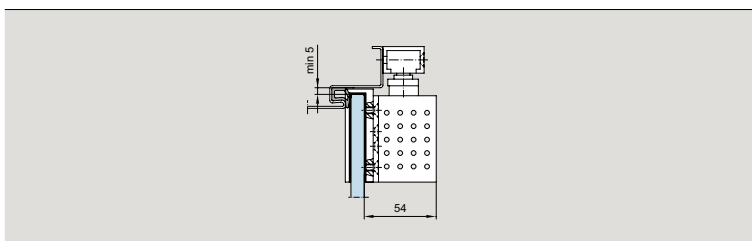


Pivot point fitting

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

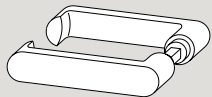

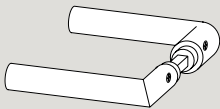
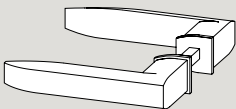
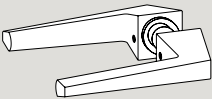
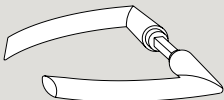
Lever range

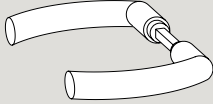
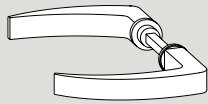
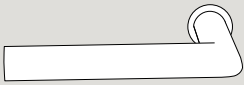
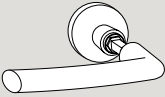
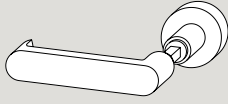

- 120 **Lever for follower**
- 123 **Levers with roses**
- 171 **Safety-related information**



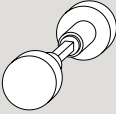
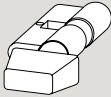
Lever range

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


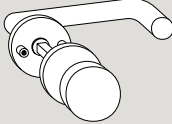

	Product description	Art. No.
	<p>Set of levers with flat hand part, extended colour options</p> <p>Weight in kg: Aluminum 0.290</p>	10.314
	<p>Set of levers tubular</p> <p>Weight in kg: Aluminum 0.320</p>	10.301
	<p>Set of levers tubular, for follower, with stainless steel square drive</p> <p>Weight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

	Product description	Art. No.
	<p>Set of levers with oval handle</p> <p>Weight in kg: Aluminum 0.300</p>	24.310
	<p>Set of levers with angular handle</p> <p>Weight in kg: Aluminum 0.267</p>	24.312
	<p>L-shape lever 33</p> <p>Weight in kg: stainless steel 0.380</p>	52.330
	<p>Arcos lever and knob set with Arcos lever and free turnable knob (turnable knob without function)</p> <p>Weight in kg: Aluminum 0.335</p>	24.316
	<p>Lever and knob set lever with flat hand part, fixed knob, for use with nightlatch function locks (turnable knob without function)</p> <p>Weight in kg: Aluminum 0.270</p>	10.304
	<p>Lever and knob set tubular lever with free turning knob (turning without function)</p> <p>Weight in kg: Aluminum 0.335</p> <p>Lever and knob set tubular lever with turning knob</p> <p>Weight in kg: Aluminum 0.345</p>	10.316 10.317

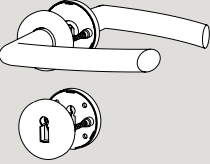
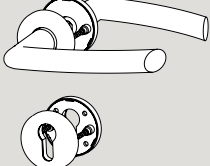
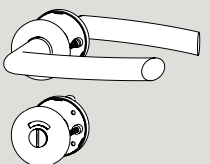
Sets of levers for locks with follower

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

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.
	<p>Set of levers for wooden doors incl. warded key rose</p> <p>Weight in kg: Aluminum 0.485</p>	24.322
	<p>Set of levers for wooden doors incl. profile cylinder rose</p> <p>Weight in kg: Aluminum 0.485</p>	24.323
	<p>Set of levers for wooden doors incl. vacant / occupied indicator</p> <p>Weight in kg: Aluminum 0.531</p>	24.324

Space for your notes

Content

BEYOND

128	General information
130	Type illustrations / sets
134	Components
134	Glass preparation
162	Accessories
170	Finishes and colours
171	Safety-related information



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 fitting; in the case of doors in wall openings, a top pivot bearing is fitted to the ceiling or in the lintel.

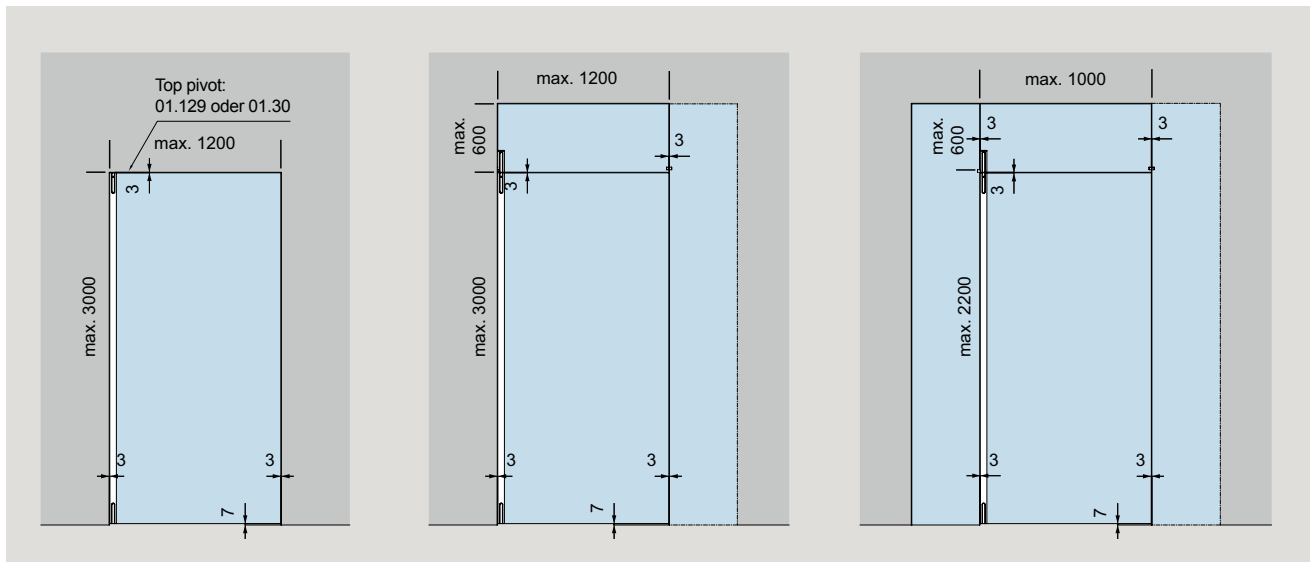
Load transfer from the overpanel and side panel can be effected by means of wall adapter profiles.

Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass. Finishes for fittings and accessories:
 AL anodized, EV1 Deco, satin, matte (compatible with finish 150) (114) or AL anodized, similar stainless steel, polished, matte (107).

For maximum values please see the typical assemblies.

Note:

Overpanel fitting wall connector
 max. 1200 mm door width;
 overpanel fitting glass connector
 max. 1000 mm door width.



Basic set for individual door.
 For installation in masonry.

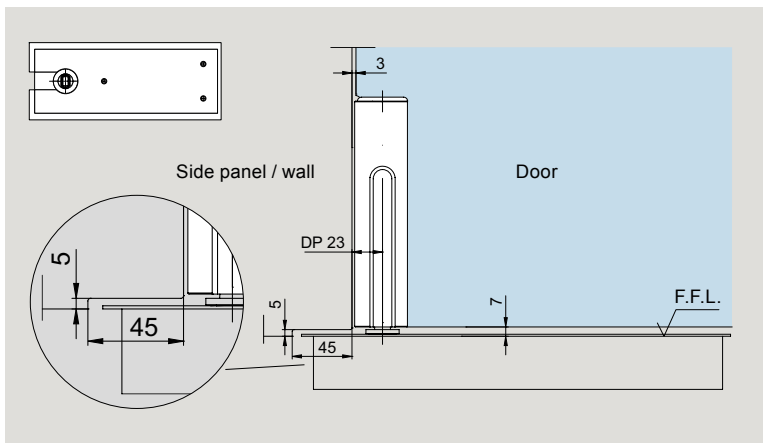
Max door height 3000 mm
 Max door weight 80 kg

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

Max door height 3000 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 2200 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	30.100
		12	30.101
	BEYOND overpanel fitting, wall connector, with plastic socket for top pivot	10	30.120
		12	30.121
	BEYOND overpanel fitting, glass connector, with plastic socket for top pivot	10	30.130
		12	30.131
	BEYOND glass connector, plastic, black, for connection of side panel at closing side	10 and 12	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 2200 mm, an anti-vibration device located midway along the pivot rod ensures quiet door operation.

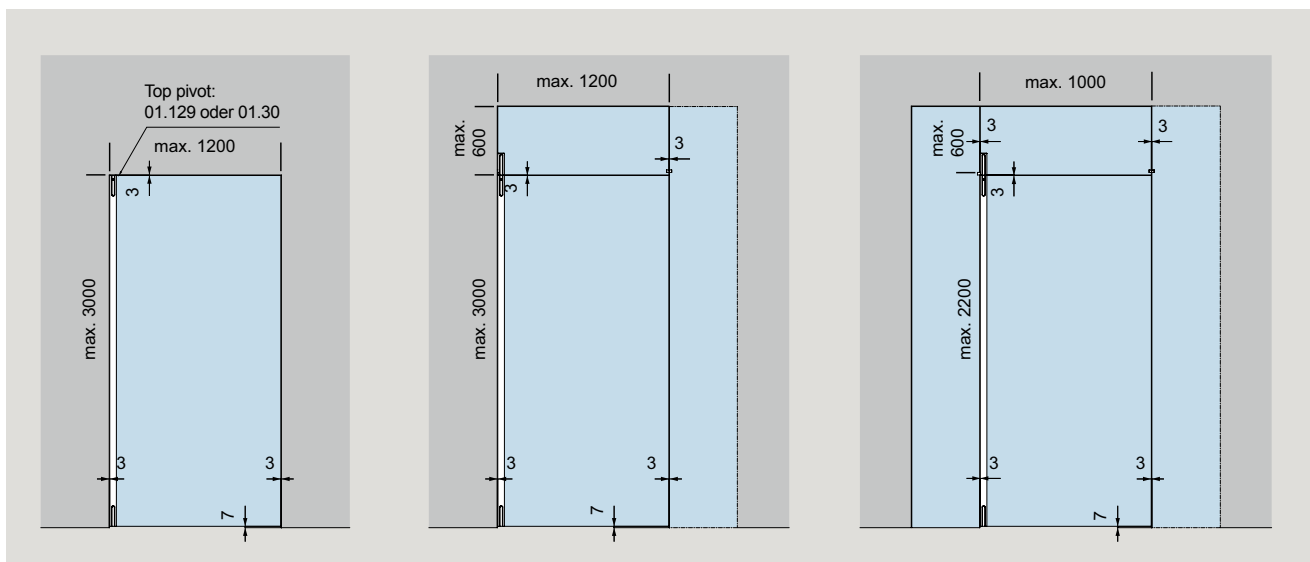
Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass.

Finishes for fittings and accessories: AL anodized, EV1 Deco, satin, matte (compatible with finish 150) (114) or AL anodized, similar stainless steel, polished, matte (107).

For maximum values please see the typical assemblies.

Note:

Overpanel fitting wall connector
max. 1200 mm door width;
overpanel fitting glass connector
max. 1000 mm door width.



Basic fitting for individual door.
For installation in masonry.

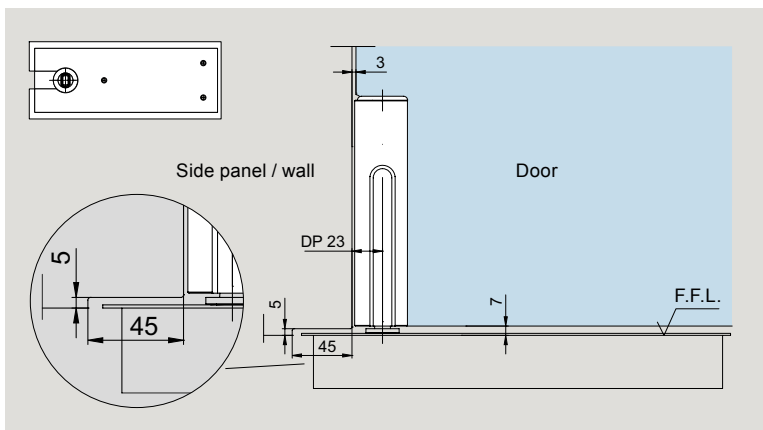
Max door height 3000 mm
Max. door weight 80 kg

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

Max door height 3000 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 2200 mm
Max. door weight 80 kg



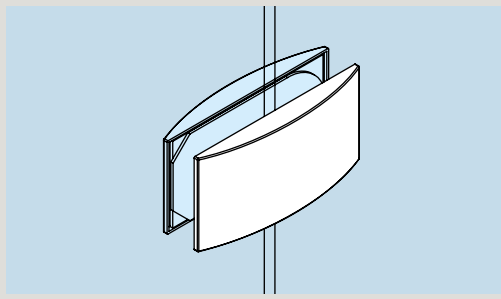
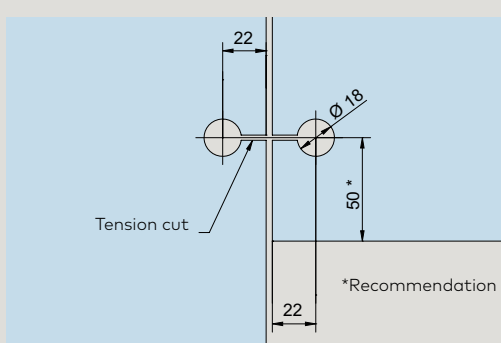
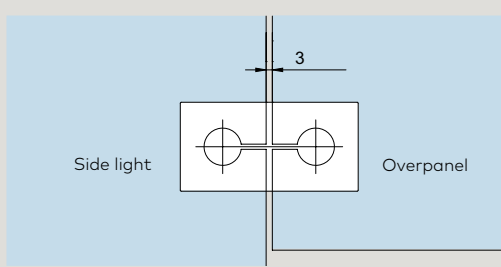
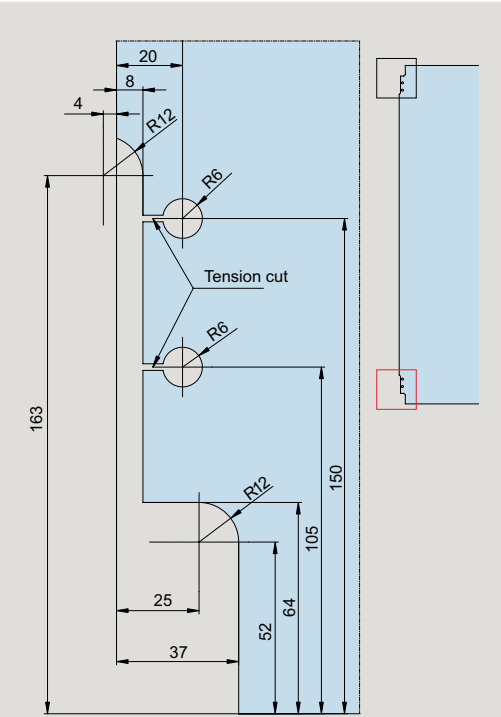
Combination BEYOND and dormakaba BTS

(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

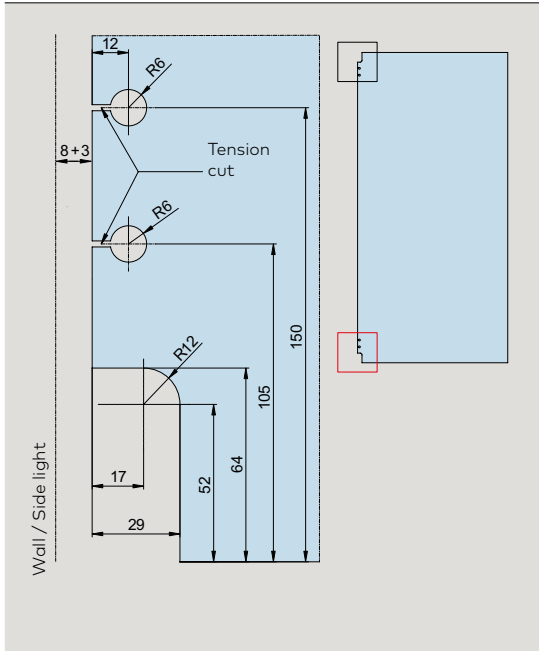
	Product description	Glass thickness	Art. No.
	BEYOND basic fitting: Pivoting fitting, long type, with pivot Ø 15 mm at top and insert for floor spring spindle (90° turnable, e. g. dormakaba BTS 80) or round pivot at bottom Please indicate exact door height = glass measurement with order.	10	30.110
	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

Glass preparation

	Product description	Art. No.
	<p>Overpanel-sidelight connector</p> <p>Weight in kg: Aluminum 0.146</p>	<p>12.536</p>
 <p>Tension cut</p> <p>Ø 18</p> <p>50 *</p> <p>*Recommendation</p>		
 <p>Side light</p> <p>Overpanel</p> <p>3</p>		
 <p>Pivoting fitting set, short type</p> <p>Drawing shows the bottom glass penetration. Top edge of glass is prepared accordingly.</p> <p>163</p> <p>20</p> <p>8</p> <p>4</p> <p>R12</p> <p>R6</p> <p>Tension cut</p> <p>R6</p> <p>150</p> <p>105</p> <p>25</p> <p>37</p> <p>52</p> <p>64</p> <p>37</p>	<p>30.100 30.101</p>	

Product description

Art. No.

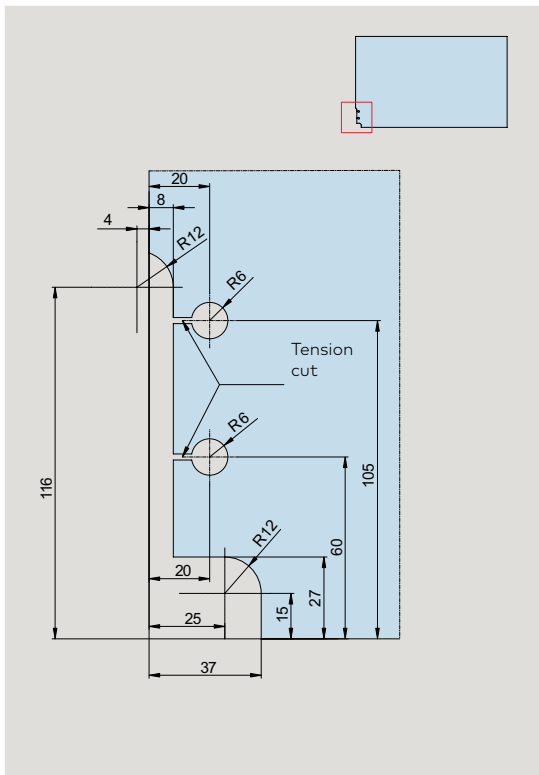


Pivoting fitting, long type

Drawing shows the bottom glass penetration.
Top edge of glass is prepared accordingly.

30.110

30.111



Overpanel fitting

Wall connector and
glass connector

30.120

30.121

30.130

30.131

Content

MARCATO Motion

138	General information
140	Type illustrations
104, 156	Accessory
171	Safety-related information



MARCATO Motion

MARCATO Motion

Controlled swing into the zero position

A duet for gentle closing.

Two together can do more than one alone. And if the respective strengths are particularly well matched, then two become a whole again. Like MARCATO Motion. Each double-action door, whether as a single glass door or connected to a glass side panel, is installed here with two strong fittings. The individual functions „close“ and „control“ ensure that the door equipped in this way is gently closed to the zero position at an adjustable speed from both open directions.



A hardware evolution for double-action doors



Clear.

The appearance of the MARCATO Motion fittings clearly bears the signature of good design: smooth, straight, with clear edges and defined radii, and with the DORMA-Glas logo on the fixed hinge part. A self-closing door leaf gets by with two hinges. It needs nothing else, because the adjustable closing function is included.

Compact.

2 fittings form 1 set for each door. Optionally for wall mounting or for connection to a glass side pane.

Comfortable.

At a 90° opening angle, the door remains in the hold-open position; from 70° it closes automatically. The two hinges in a set complement each other in their functions: While one hinge closes the door towards the zero position, the other acts as a damper and regulates the closing speed. Thus, the movement of the door can be adapted to the needs of the user: If draughts are to be avoided and the room climate is to be maintained, a quick closing is advantageous. For children, senior citizens or people with limited mobility, a gentler closing process is more suitable.

Cost-efficient.

With only one MARCATO Motion fitting set, the swing door is available in its full function. Separate door closers are not needed. A great advantage especially in existing buildings with high-quality floor or ceiling designs or with underfloor heating. Neither floor nor ceiling need to be processed and remain unaffected.

Easy.

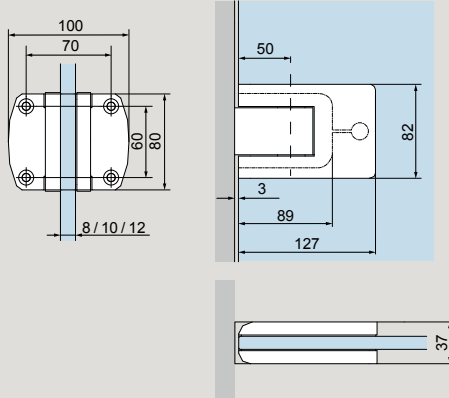
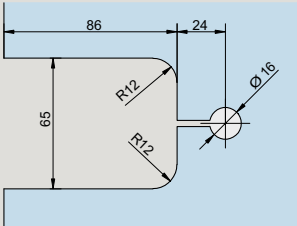
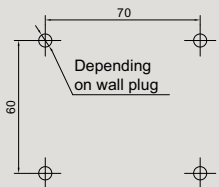
The double-action door fittings are mounted on the horizontal glass edge with connection either to a wall or to a fixed glass side panel. The closing speed can be adjusted as desired at any time and adapted to changing requirements.

Retrofittable.

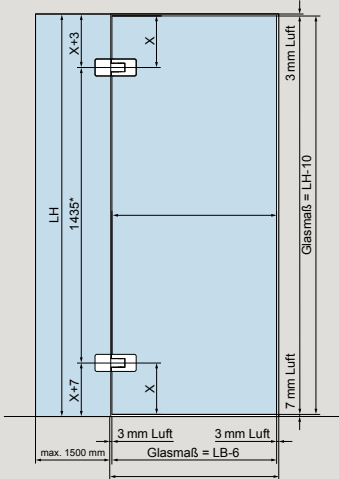
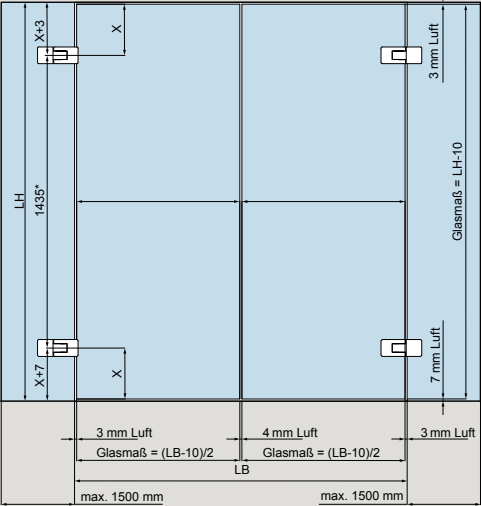
The MARCATO Motion hinges are based on the same glass processing as the preceding double-action hinge TENSOR. Thus, when using the new comfort functions of MARCATO Motion, already existing glass panels can be used further on.

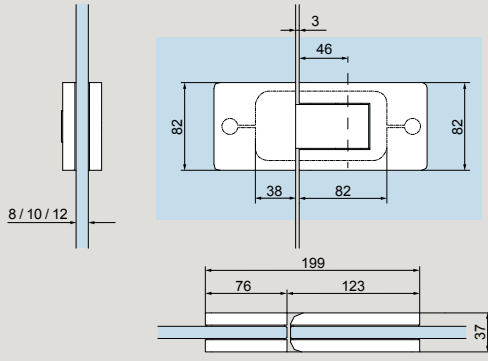
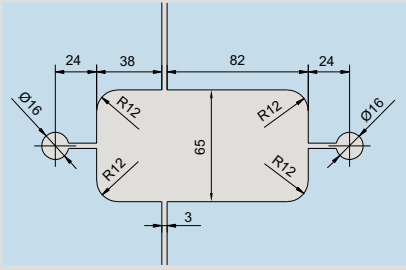
For wall / frame fixing

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

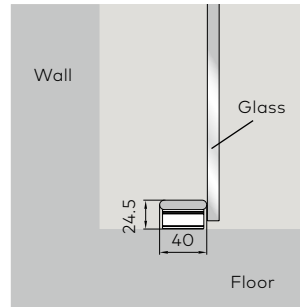
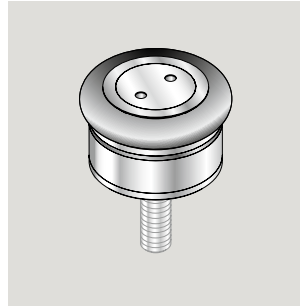
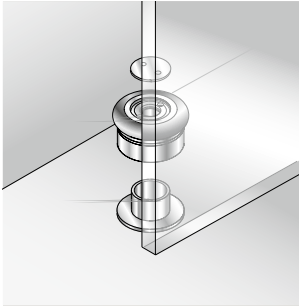
	Product description	Glass thickness	Art. No.
	<p>MARCATO Motion Double-action hinges</p> <p>Pair of double-action hinges incl. mounting plate, round; for installation onto wall or frame with surface mounted mounting plate</p> <p>Finishes: AL anodized, Silver, satin, matte (compatible with finish 114) (150) AL anodized, similar stainless steel, satin (157)</p> <p>AL anodized, EV1 Deco, satin, matte (compatible with finish 150) (114)</p> <p>AL anodized, similar stainless steel, satin (for profile material) (similar Anodizing II C 31) (113)</p>	<p>8/10/12</p>	<p>12.700</p>
	<p>Glass preparation</p> <p>for Art. No. 12.700</p>		
	<p>Drilling scheme</p> <p>Please note: Condition is a suitable substructure!</p> <p>Excessiv opening of the door must be prevented (max. 90°). Please use a door stop – see page 154</p>		

Glass to glass

	Product description	Glass height	Glass width
	MARCATO Motion 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
	MARCATO Motion 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)	LH-10	$(LB-10)/2$

	Product description	Glass thickness	Art. No.
	<p>MARCATO Motion Double-action hinges</p> <p>Pair of double-action hinges for installation glass to glasse</p> <p>Finishes: AL anodized, Silver, satin, matte (compatible with finish 114) (150) AL anodized, similar stainless steel, satin (157) AL anodized, EV1 Deco, satin, matte (compatible with finish 150) (114) AL anodized, similar stainless steel, satin (for profile material) (similar Anodizing II C 31) (113)</p>	<p>8/10/12</p>	<p>12.710</p>
	<p>Glass preparation / Drilling scheme</p> <p>for Art. No. 12.710</p>		

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 Stainless steel adapter for bonding, UV-adhesives plastic cover	8 mm	10.592
	Weight in kg: Aluminum 0.679	10 mm	10.593
	Barrier-free floor doorstop – Easy-Stop for single-action doors, stainless steel adapter for bonding, plastic cover	12 mm	10.594
	Weight in kg: Aluminum 0.335		10.591
Easy-Stop is suitable for interior single- and double-action doors with a maximum door panel weight of up to 80 kg (glass) or 160 kg (wood and metal).			

Space for your notes

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.

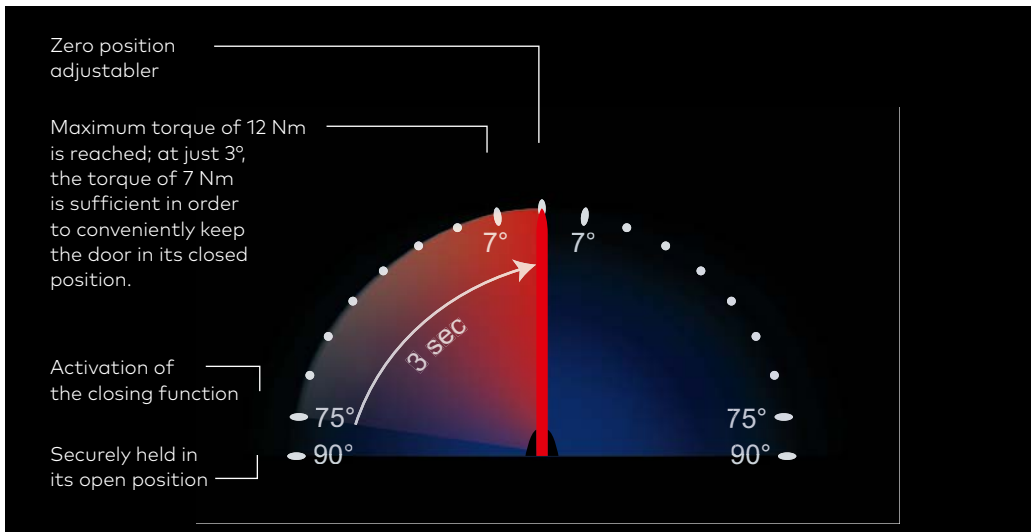
Excellent returns from every angle

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°.

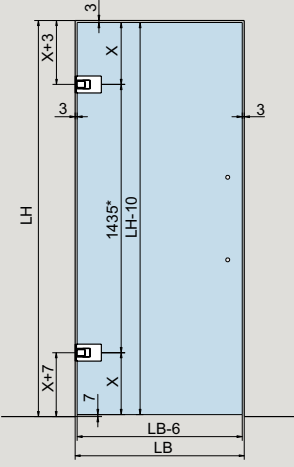
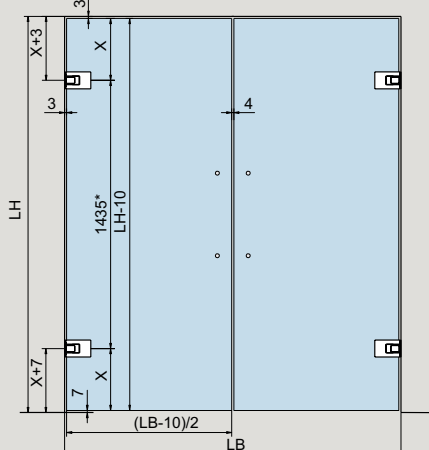
And it also conceals to the technical core of the system – the simple and high-precision zero-position adjustment mechanism. This is an essential feature for ensuring the effective and efficient closing of a double-action door.

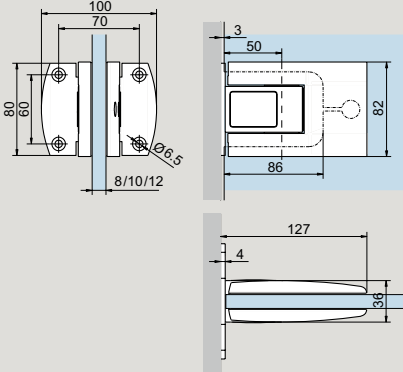
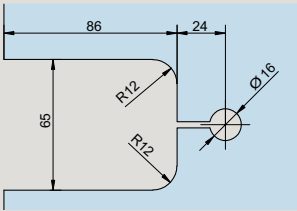
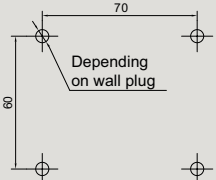
At 90°, the TENSOR system holds the door firmly and securely in position. Once pushed in the closing direction, the spring mechanism of the TENSOR fitting takes over, operating from an angle of 75°. The door closes quickly and securely. And even at an opening angle of 3°, the torque of 7 Nm created is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



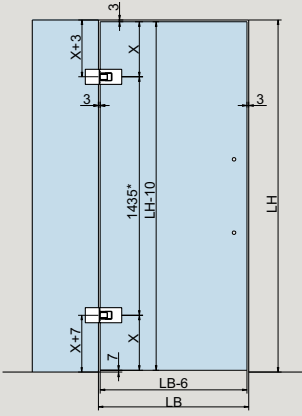
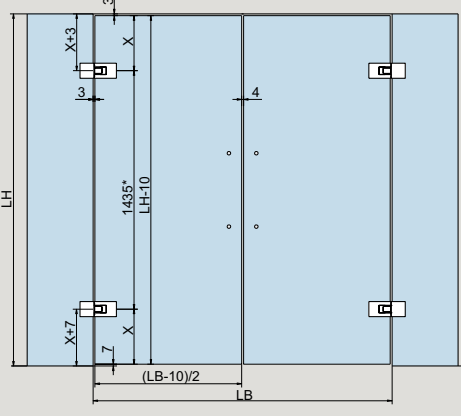


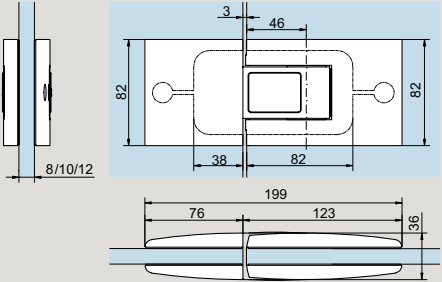
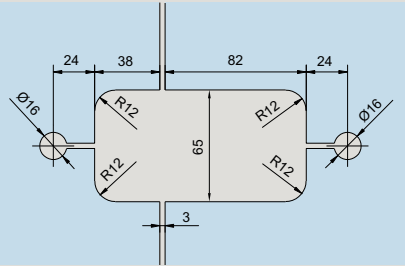
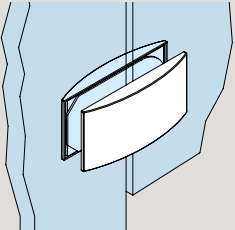
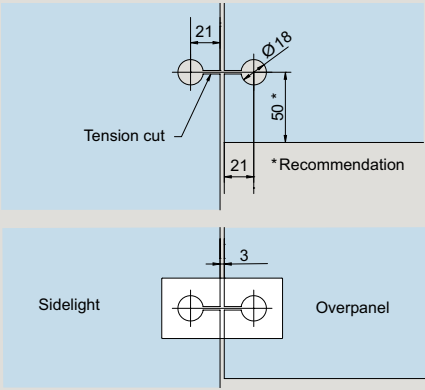
For wall / frame fixing

	Product description	Glass height	Glass width
	<p>TENSOR Double-action door fixed to wall / frame with surface mounted mounting plate</p> <p>Single leaf</p> <p>Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1000 mm</p> <p>LH = Clear height LB = Clear width</p> <p>* for glass height 1800 - 2500 mm (min. 700 mm panel width)</p>	<p>LH-10</p>	<p>LB-6</p>
	<p>TENSOR Double-action door fixed to wall / frame with surface mounted mounting plate</p> <p>Double leaf</p> <p>Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1000 mm</p> <p>LH = Clear height LB = Clear width</p> <p>* for glass height 1800 - 2500 mm (min. 700 mm panel width)</p>	<p>LH-10</p>	<p>(LB-10)/2</p>

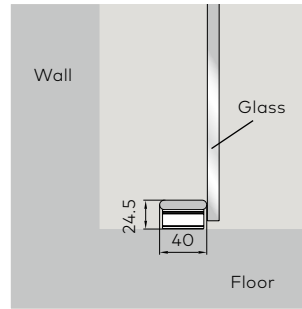
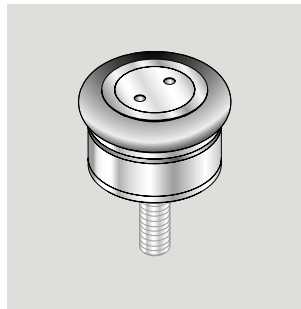
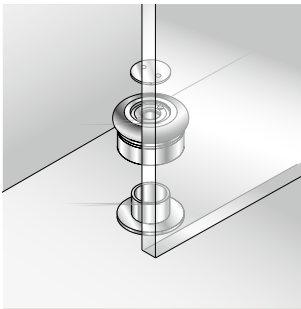
	Product description	Glass thickness	Art. No.
	<p>TENSOR Double-action hinges</p> <p>Pair of double-action hinges incl. mounting plate, round; for installation onto wall or frame with surface mounted mounting plate</p> <p>dto but with 2 stops (29.950)</p> <p>Finishes: AL anodized, EV1 Deco, satin, matte (compatible with finish 150) (114) AL anodized, similar stainless steel, satin (for profile material) (similar Anodizing II C 31) (113)</p>	<p>8/10/12</p>	<p>12.520</p> <p>12.527</p>
	<p>Glass preparation</p>		
	<p>Drilling scheme</p> <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>Excessive opening of the door must be prevented (max. 90°). Please use a door stop – see page 154</p>		

Glass to glass

	Product description	Glass height	Glass width
	<p>TENSOR Double-action door fixed to glass side panel</p> <p>Single leaf</p> <p>Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1000 mm Side panel width: max. 1500 mm</p> <p>LH = Clear height LB = Clear width</p> <p>* for glass height 1800 - 2500 mm (min. 700 mm panel width)</p>	LH-10	LB-6
	<p>TENSOR Double-action door fixed to glass side panel</p> <p>Double leaf</p> <p>Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1000 mm Side panel width: max. 1500 mm</p> <p>LH = Clear height LB = Clear width</p> <p>* for glass height 1800 - 2500 mm (min. 700 mm panel width)</p> <p>Note: The fixed parts must be installed all around the wall connection profile (see technology brochure Fittings for toughened glass systems).</p>	LH-10	(LB-10)/2

	Product description	Glass thickness	Art. No.
	<p>TENSOR Double-action hinges</p> <p>8/10/12 12.523</p> <p>Pair of double-action hinges for installation glass to glasse</p> <p>dto but with 2 stops (29.950) 12.529</p> <p>Finishes: AL anodized, EV1 Deco, satin, matte (compatible with finish 150) (114) AL anodized, similar stainless steel, satin (for profile material) (similar Anodizing II C 31) (113)</p>		
	<p>Glass preparation / Drilling scheme</p> <p>for Art. No. 12.523</p>		
	<p>Overpanel-sidelight connector</p> <p>12.536</p> <p>Weight in kg: Aluminum 0.146</p>		
	<p>Glass preparation / Drilling scheme</p> <p>for Art. No. 12.536</p> <p>Excessiv opening of the door must be prevented (max. 90°). Please use a door stop – see page 154</p>		

Accessories



Ordering information

Stop for pivoting door
 floor mounting
Art. No. 29.950

Easy-Stop

	Product description	Glass thickness	Art. No.
	Barrier free floor doorstep – Easy-Stop for double-action doors Stainless steel adapter for bonding, UV-adhesives plastic cover	8	10.592
		10	10.593
		12	10.594
	Weight in kg: Aluminum 0.679		
	Barrier-free floor doorstep – Easy-Stop for single-action doors, stainless steel adapter for bonding, plastic cover		10.591
	Weight in kg: Aluminum 0.335		
Easy-Stop is suitable for interior single- and double-action doors with a maximum door panel weight of up to 80 kg (glass) or 160 kg (wood and metal).			

Space for your notes

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RP

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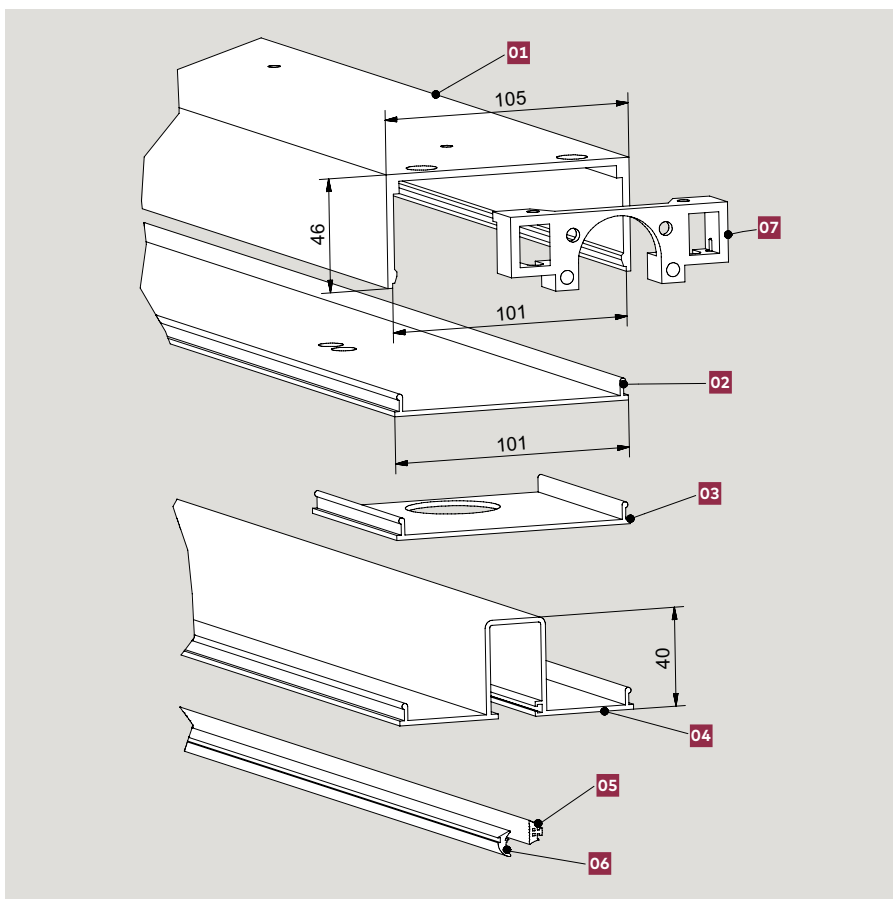
RP

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).

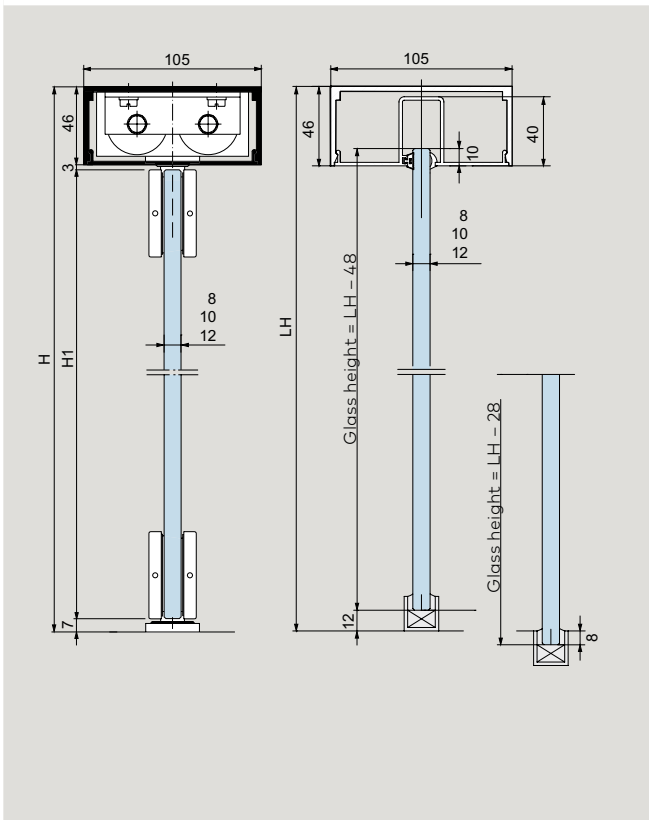
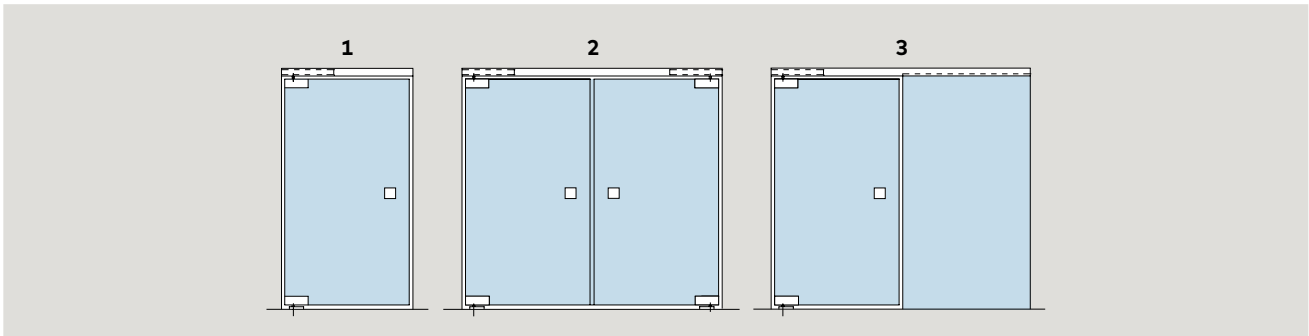
The RTS transom closer not only returns the door to the zero position each time it is opened, it also has a special dampening system to protect the door against unwanted impact caused by over-aggressive opening. In addition, the integral hold-open, which also comes as standard, enables the door to be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



Transom tube configuration:

- 01**
Transom tube for fixing on ceiling, as lintel or similar, max. length 6000 mm
- 02**
Cover profile for door, clip-on, max. length 6000 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 6000 mm are possible.

Materials and finishes

- AL anodized, EV1, sanded, matte (for profiles: stained, matte) (101)
- AL anodized, similar stainless steel, satin (for profile material) (similar Anodizing II C 31) (113)
- AL powder coated, Traffic white, smooth, glossy (sim. RAL 9016) (300)
- AL anodized, special (199)
- AL powder coated, special color
- (Standard powder according to the corresponding overview on our website. A price surcharge is possible for special colors outside the color range specified there.) (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

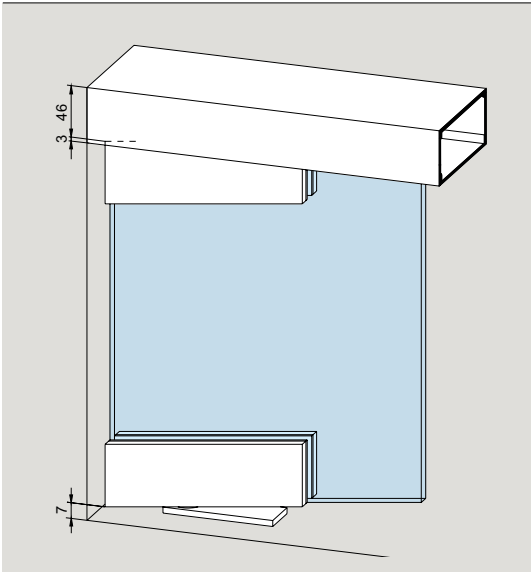
Also with door rails available

max. height	max. width	max. door weight (incl. fittings)	RTS version	
2500	800–1100	80 kg	RTS EN 3	
3500	max. 1250	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 complete, consisting of 1 transom tube length 1000 mm; 1 cover profile length 1000 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> <p>Weight in kg: 8.083</p> <p>When ordering, please indicate the precise system dimensions or attach a corresponding drawing.</p>	<p>01.300</p>

	Product description	Art. No.
	<p>01 Transom tube for fixing at ceiling, as lintel, or similar, stock length 6000 mm in fixed lengths Weight in kg/m: Aluminum 1.620</p>	<p>01.301 01.311</p>
	<p>02 Cover profile for door area, clip-on stock length 6000 mm in fixed lengths Weight in kg/m: Aluminum 0.610</p>	<p>01.302 01.305</p>
	<p>03 Cover plate with cut-out for door closer spindle length 90 mm Weight in kg: Aluminum 0.056</p>	<p>01.303</p>
	<p>04 Cover profile with glass groove to clip on Art.No. 01.301 / 311, to hold fixed sidelights inclusive</p>	
	<p>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 6000 mm in fixed lengths Weight in kg: Aluminum 0.810</p>	<p>01.304 01.314</p>
	<p>07 Fixing bracket for securing transom tube and closer Weight in kg: Aluminum 0.080</p>	<p>01.306</p>

Content

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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

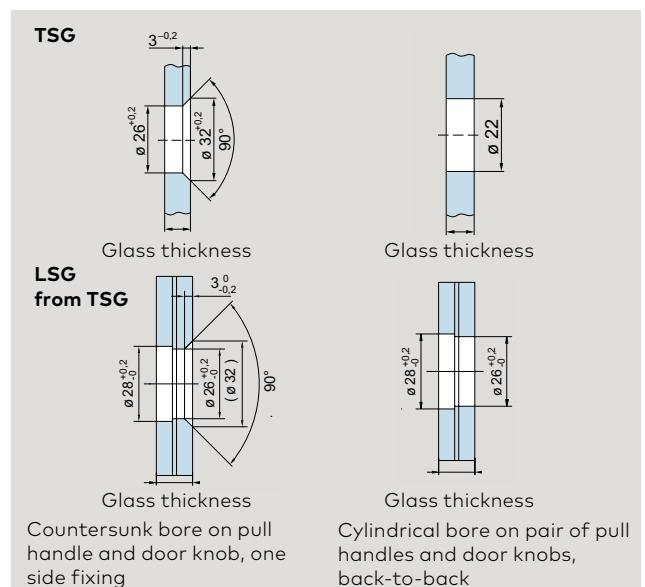
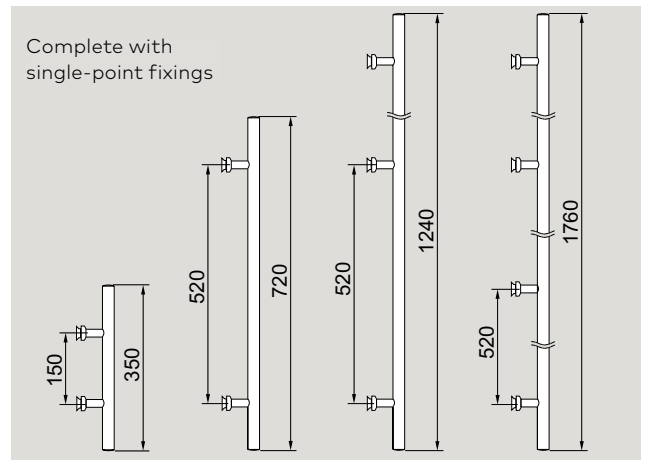
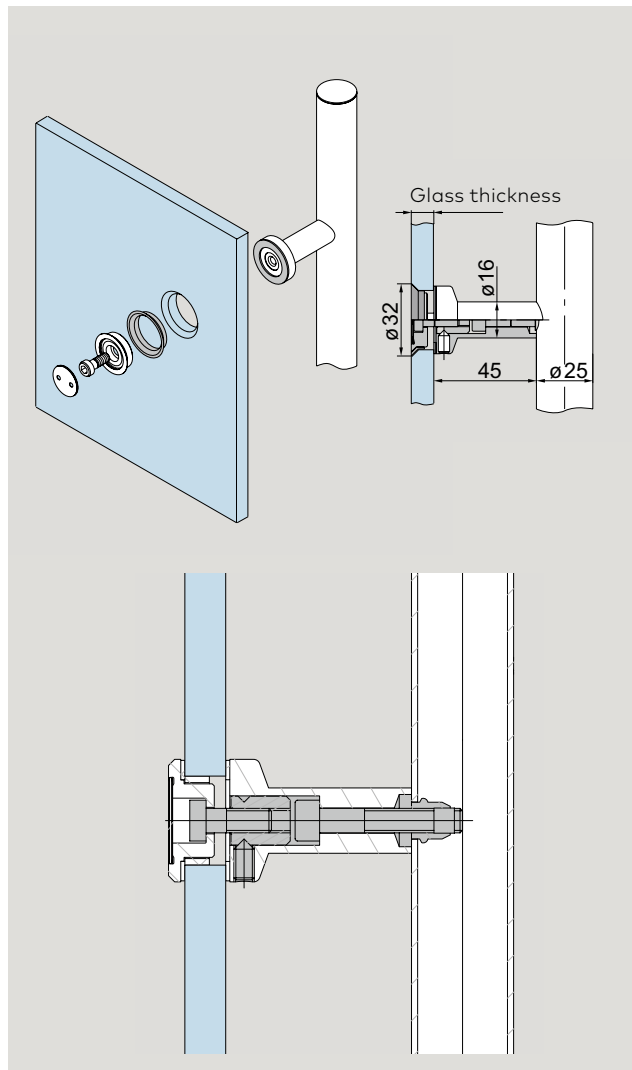
Pull handle pairs

	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	21.267* 21.247
	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	21.270* 21.250
	Pair of handle bars satin stainless steel length 1240 mm, 3 fixing points, weight in kg: 3.400 material 1.4305 do., material 1.4404	8/10/12	21.273* 21.253
	Pair of handle bars satin stainless steel length 1760 mm, 4 fixing points, weight in kg: 5.000 material 1.4305 do., material 1.4404	8/10/12	21.276* 21.256

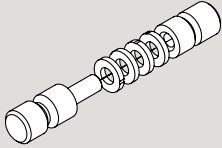
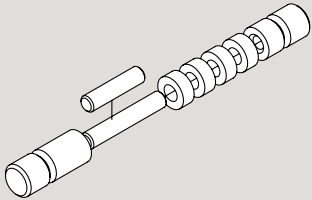
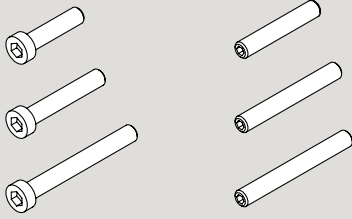
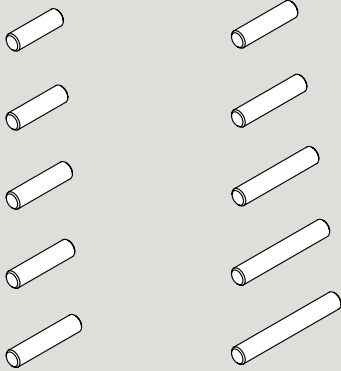
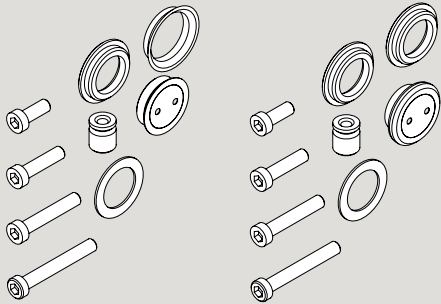
* Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see under "Spacing adjustment for pull handles and door knobs", page 161.

Pull handles single

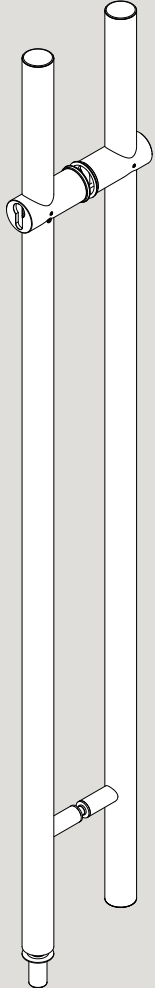
	Product description	Glass thickness	Art. No.	
	Pull handles with single-point fixings, countersunk stainless steel Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L Pull handle 1240 mm with 3 fixings, material 1.4305 do., AISI 316L Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L	8/10/12	29.268 29.269 29.271 29.272 29.274 29.275 29.277 29.278	
		Pull handles with single-point fixings, clamping disc Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L Pull handle 1240 mm with 3 fixings, material 1.4305 do., AISI 316L Pull handle 1760 mm with 4 fixings, material 1.4305 do., AISI 316L	8/10/12	21.240 21.241 21.281 21.242 21.243 21.283



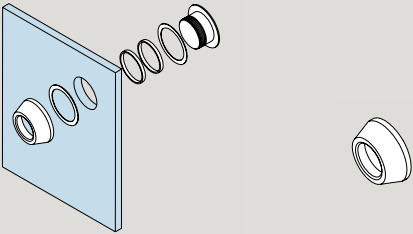
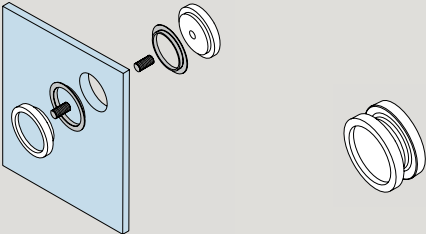
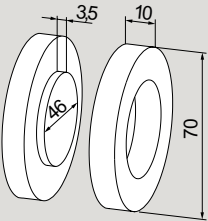
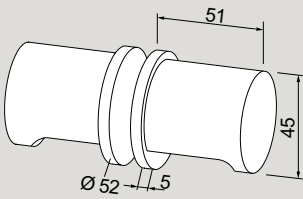
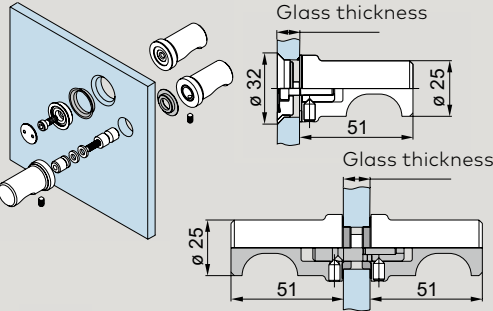
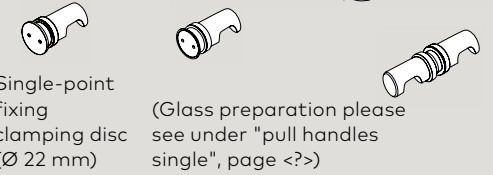
Spacing adjustment for pull handles and door knobs

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

Pair of pull handles

	Product description	Glass thickness	Art. No.
	<p>Pair of stainless steel handlebars, lockable on both sides, prepared for standard PZ, length 1200 mm, incl. floor socket</p>	8 - 17.5	21.580
	<p>Pair of stainless steel handlebars, lockable on one side, prepared for standard PZ, length 1200 mm, incl. floor socket</p>	8 - 17.5	21.581
	<p>Further information, e.g. on the required profile cylinder length, can be found in our detail on the sheets 29-115 to 29-116.</p>		

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	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 8 10 12	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 <?>)</p>	Door knob one side fixing Door knob with single-point fixing, countersunk Door knob with single-point fixings, clamp- ing disc	8/10/12	21.422 21.426
	Door knob back-to-back	8/10/12	21.423

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

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	NEW													
	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO 1121	STUDIO Medio	OFFICE Junior	OFFICE Classic	OFFICE Mundus	OFFICE Arcos	BEYOND	TENSOR	RP Patch fittings	
Aluminium, mill finish and anodized														
AL anodized, EV1, sanded, matte (for profiles: stained, matte) (101)														•
AL anodized, similar stainless steel, polished, matte (107)							•				•			
AL anodized, similar stainless steel, satin (for profile material) (similar Anodizing II C 31) (113)												•		•
AL anodized, EV1 Deco, satin, matte (compatible with finish 150) (114)				•						•	•	•		
AL anodized, Silver, satin, matte (compatible with finish 114) (150)	•	•	•		•	•	•	•	•					
AL anodized, similar stainless steel, satin (157)	•	•	•	•	•	•	•	•	•	•				
AL anodized, special (199)	•	•		•	•	•	•	•	•	•				•
Aluminium, powder coated														
AL powder coated, Special color (Standard powder according to the corresponding overview on our website. A price surcharge is possible for special colors outside the color range specified there.) (399)	•	•	•	•	•	•	•	•	•	•				•
Brass, various finish treatments														
Brass, polished, chromed (501)	•													
Stainless steel, various finish treatments														
Stainless steel, satin (compatible with 750) (700), Stainless steel, satin (for MUNDUS) (compatible with 700) (750)							•		•					
Stainless steel, polished (compatible with 751) (701), Stainless steel, satin (for MUNDUS) (compatible with 700) (751)									•					

Safety-related information

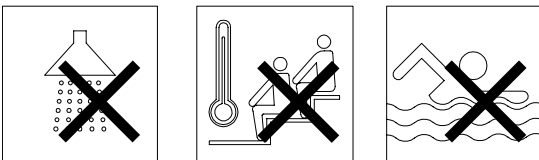
Important safety-related information for the mounting and use of DORMA-Glas glass fittings.

(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 hard 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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