

Manual Single- and Double-Action Door Systems

Technical brochure 2021

STUDIO OFFICE BEYOND TENSOR VISUR RP



ContentSingle-Action Door Systems



STUDIO Rondo



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42 STUDIO Arcos



52 STUDIO Medio



60 OFFICE Junior



68 OFFICE Classic



76 OFFICE Mundus



82 OFFICE Arcos



94 Special Hinges



100 Accessories



114 Range of levers

Double-Action Door Systems







132 TENSOR



142 VISUR



150 RP



156 Accessories



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

Simple glass preparation

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

Reliable operating features

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

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

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

OFFICE locks comply to the current DIN EN 12209

(designed for use in public buildings). Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.

STUDIO locks according to DIN 12209 tested

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

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

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Features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos	STUDIO Medio
max. door weight, kg (depends on hinge)	45, 50, 60	45, 50, 60	45, 50, 60	45, 50, 60	*
max. door panel width, mm	1000 ¹⁾	1000 ¹⁾	1000 ¹⁾	1000 ¹⁾	*
max. door panel height, mm	Standard frames ^{1) 3)}				
Glass type	TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG
Glass thicknesses in mm	8/10	8/10	8/10	8/10	8/10
Frame depth, standard, mm	24, 40	24	24	24, 40	*
Lock types					
Low-noise "Whisper" functionality (Whisper latch = latch head particially 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	SA	SA	SA	SA	SA
Door closer / self-closing	0	0	0	0	0
Paga	8	24	34	42	52
Page	8	24	34	42	52

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.

 LSG is possible in special version with MUNDUS premium fittings
 max. 2125 mm standard dimension / max. 2108 mm frame rebate dimension
 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 O Optional

OFFICE Junior	OFFICE Classic	OFFICE Mundus	OFFICE Arcos	Special hinges	BEYOND	TENSOR	VISUR	RP Patch fittings
55, 70, 80	55, 70, 80	55, 70, 80	55, 70, 80	30, 35, 45, 55, 70, 80	80	65	85	80/110
1000, 1200 ¹⁾	1000, 1200 ¹⁾	1000, 1200 ¹⁾	1000, 1200 ¹⁾	1100 ¹⁾	1000/1200	1000 ¹⁾	1100 ¹⁾	1100, 1250 ¹⁾
Standard frames ^{1) 4)}	Standard frames ^{1) 4)}	Standard frames ^{1) 4)}	Standard frames ^{1) 4)}		2200/3000 ¹⁾	2500 ¹⁾	2500 ¹⁾	2500
TSG/LSG	TSG/LSG	TSG/LSG	TSG/LSG	TSG	TSG	TSG	TSG	TSG ²⁾
8/10	8/10	8/10	8/10	8/10	10/12	8/10/12	10/12	8/10/12/13.5
24, 401)	24, 40	24, 40	24, 40					
•	•	•	•					
								-
•	•	•	•					
•	•	•	•					
•	•	•	•					
•	•	•	•					
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•	•	•	•					
•	•	•	•					
•	•	•	•			•	•	•
						•		
SA	SA	SA	SA	SA	SA / DA	DA	DA	SA / DA
0	0	0	0		●**	•	•	•
		-						
60	68	76	82	94	122	132	142	150

^{*} 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)
- 58 Type illustrations
- 100 Accessories
- 114 Range of levers
- 169 Safety-related information



STUDIO Rondo

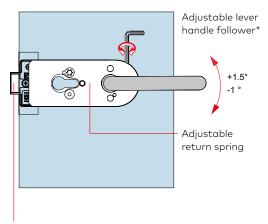
Technical features

- 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° / -1°, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

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Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of "lever handle sag" droop	•	•	•	•
Low-noise "whisper" functionality	•	•	•	•
Adjustable return spring	•	•	•	•
Spring-assisted clamp follower	•	•	•	•
Compliance approval to 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



Cushioning for noise minimisation

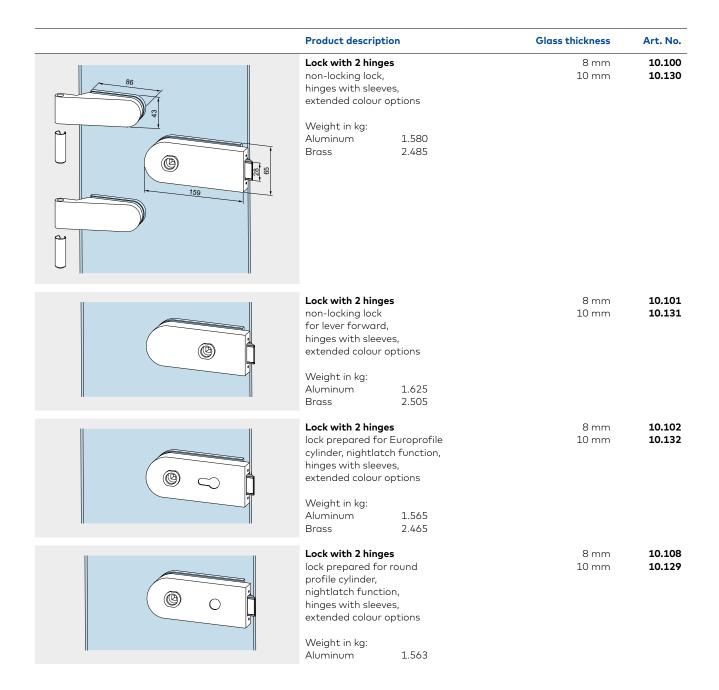
Complete doorsets for 8 and 10 mm glass thickness, locks with follower

Complying to DIN EN 12209 (see page 6).

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

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

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



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

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

Complying to DIN EN 12209 (see page 6).

Door weight max. 60 kg, door width max. 1,000 mm. Rebate depth 24 mm (for 8 mm glass thickness or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), 26 mm (for 10 mm glass thickness). Hinges also prepared for rebate depth 28 – 40 mm available, see page 20 and following.

Glass thickness

8 mm

8 mm

8 mm

8 mm

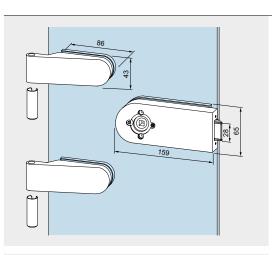
Art. No.

10.110

10.111

10.112

10.118



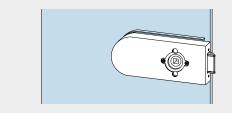
Product description

Lock with 2 hinges

non-locking lock, hinges with sleeves

Weight in kg:

Aluminum 1.580

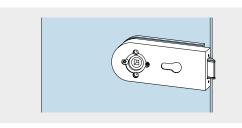


Lock with 2 hinges

non-locking lock for lever forward, hinges with sleeves

Weight in kg:

Aluminum 1.585

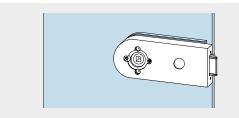


Lock with 2 hinges

lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves

Weight in kg:

Aluminum 1.565

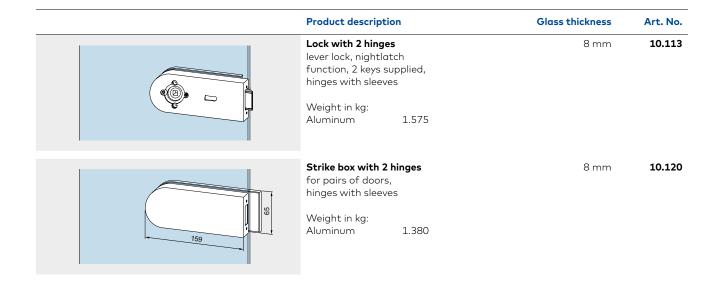


Lock with 2 hinges

lock prepared for round profile cylinder, nightlatch function, hinges with sleeves

Weight in kg:

Aluminum 1.563



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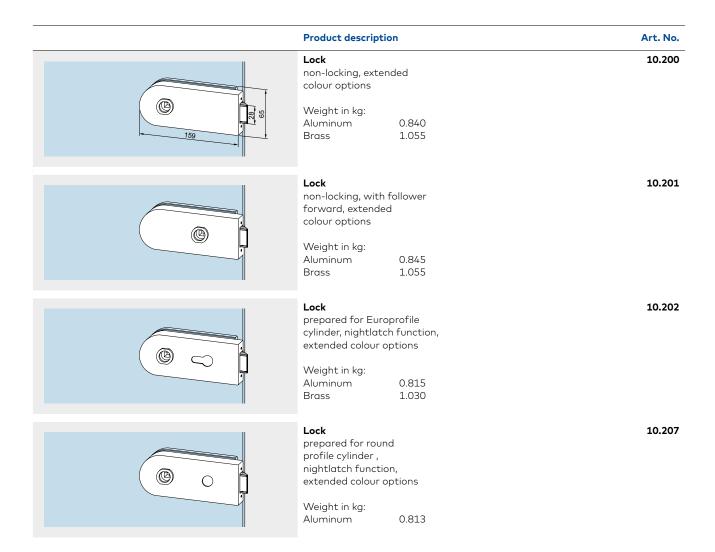
Locks with follower

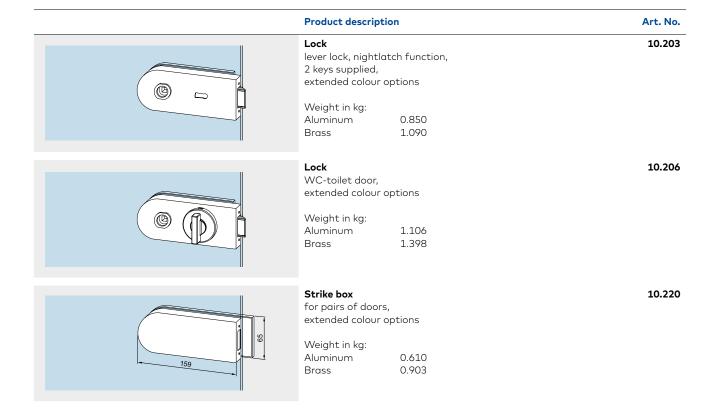
Complying to DIN EN 12209 (see page 6).

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.



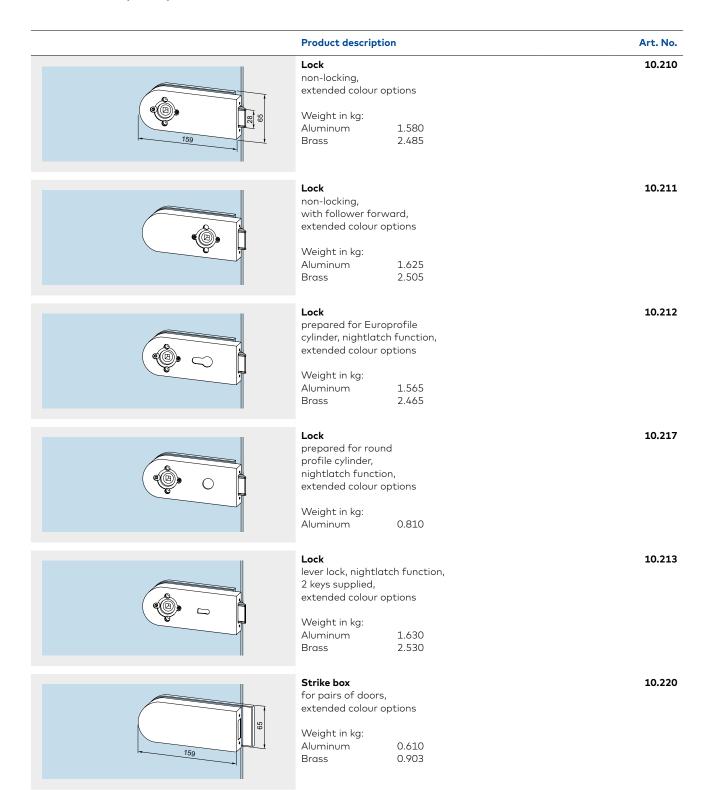


Locks for levers with roses

Complying to DIN EN 12209 (see page 6).

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.

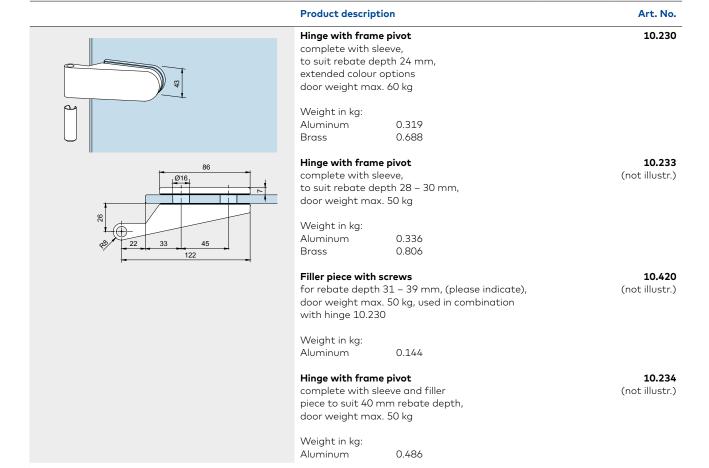
Hinges also prepared for rebate depth 28 – 40 mm available, see page 20 and following.



Space for your notes

Hinges for 8 mm glass thickness

Door width max. 1,000 mm



Hinges for 8 mm glass thickness

Door width max. 1,000 mm

Product description

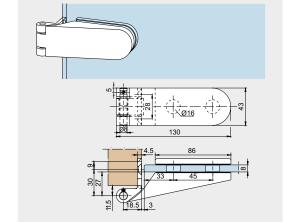
Art. No. 10.232

Hinge with frame pivot for wooden frames,

hinge flap for mortising into frame, stainless steel pin, door weight max. 45 kg

Weight in kg:

0.321 Aluminum

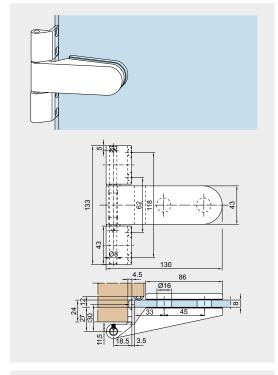


Strengthened hinge with frame pivot

for wooden frames, hinge flap for mortising into frame, stainless steel pin, door weight max. 60 kg

Weight in kg:

Aluminum 0.433



10.235

Sidelight

Hinge for mounting onto sidelights,

stainless steel pin, door weight max. 45 kg

10.246 R (not illustr.)

10.244 L

Weight in kg: Aluminum

0.557

Note: Opening angle max. 100°. You will find more information on special solutions for opening angles >100° in our DETAIL 10-255. Please also feel free to consult our Application Engineering department.

Hinges for 10 mm glass thickness

Door width max. 1,000 mm

Product description

Art. No.

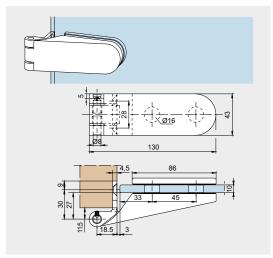
10.236

rebate depth 26 mm, extended colour options, door weight max. 60 kg

Hinge with frame pivot complete with sleeve,

Weight in kg:

Aluminum 0.319 Brass 0.688



Hinge with frame pivot for wooden frames,

10.238

hinge flap for mortising into frame, stainless steel pin, Panel weight max. 45 kg

Weight in kg:

0.321 Aluminum

Hinges for 10 mm glass thickness

Door width max. 1,000 mm

Product description

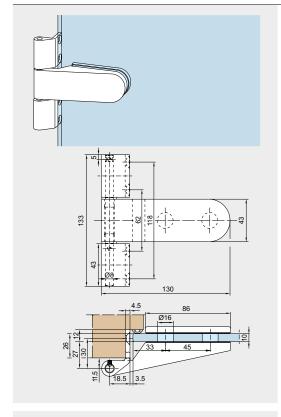
Art. No. 10.239

Strengthened hinge with frame pivot for wooden frames,

hinge flap for mortising into frame, stainless steel pin, door weight max. 60 kg

Weight in kg:

Aluminum 0.433



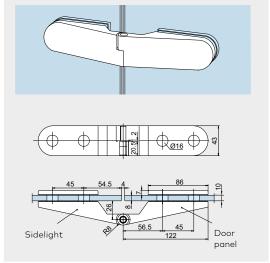
Hinge for mounting onto sidelight

stainless steel pin, door weight max. 45 kg

Weight in kg:

Aluminum 0.557

Note: Opening angle max. 100°. You will find more information on special solutions for opening angles >100° in our DETAIL 10-255. Please also feel free to consult our Application Engineering department.



10.245 L 10.247 R

(not illustr.)

Content STUDIO Classic

- 26 Technical Features
- 28 Complete doorsets
- 30 Components (Locks, hinges)
- 58 Type illustrations
- 100 Accessories
- 114 Range of levers
- 169 Safety-related information



STUDIO Classic

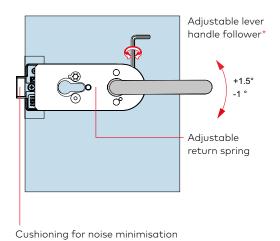
Technical features

- 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° / -1°, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- · Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

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Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of "lever handle sag" droop	•	•	•	•
Low-noise "whisper" functionality	•	•	•	•
Adjustable return spring	•	•	•	•
Spring-assisted clamp follower	•	•	•	•
Compliance approval to 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



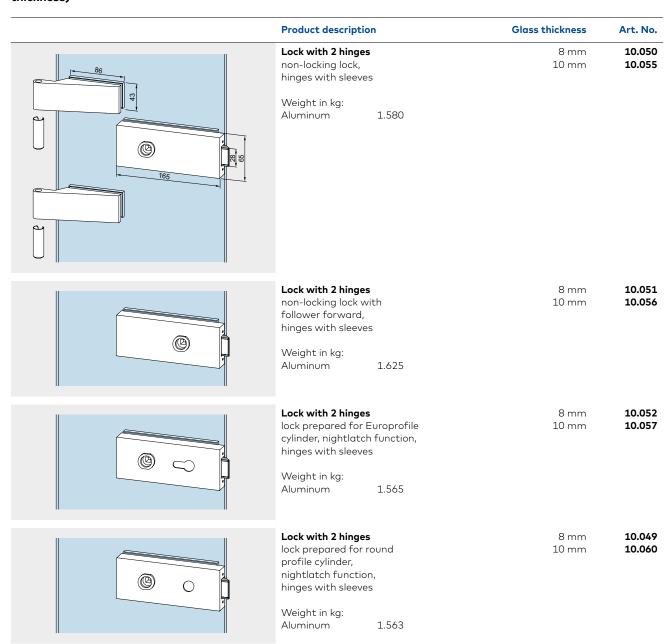
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Complete doorsets for 8 and 10 mm glass thickness, locks with follower

Complying to DIN EN 12209, with regard to type test (see page 6).

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

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



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

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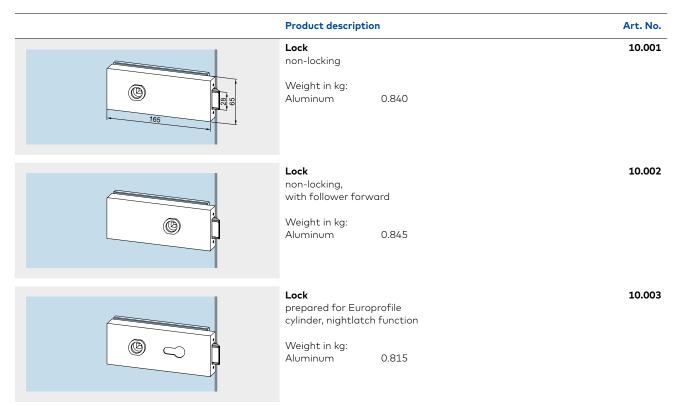
Locks with follower

Complying to DIN EN 12209, with regard to type test (see page 6),

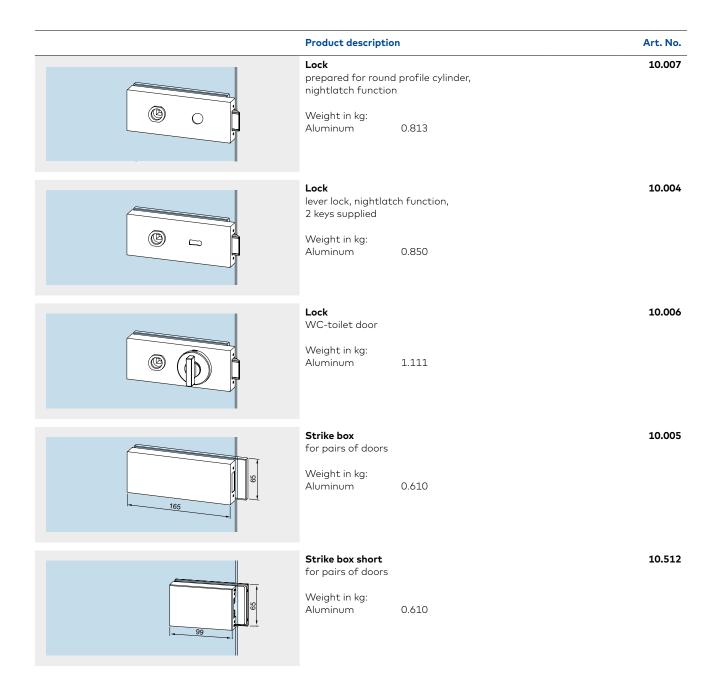
Locks for 8 mm glass thickness (or 10 mm glass thickness when using an Austrian standard "Ö-Norm" latch), / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

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.



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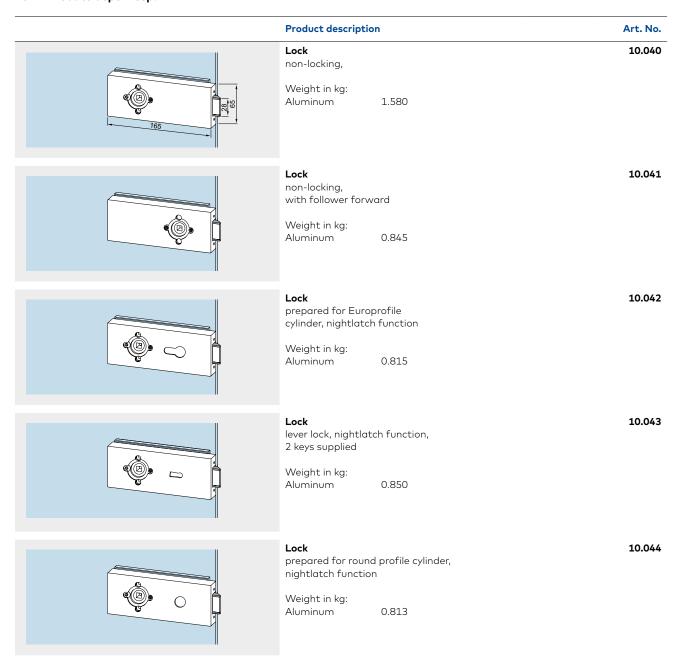
12/20 31

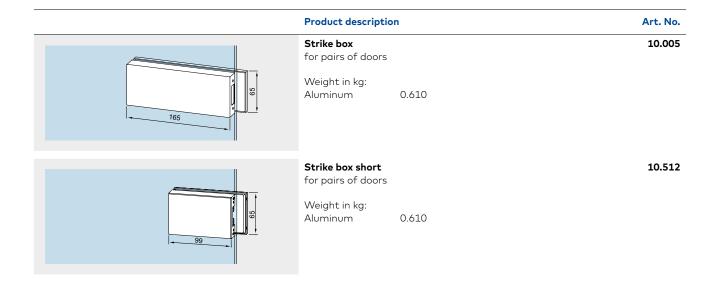
Locks for levers with roses

Complying to DIN EN 12209, with regard to type test (see page 6).

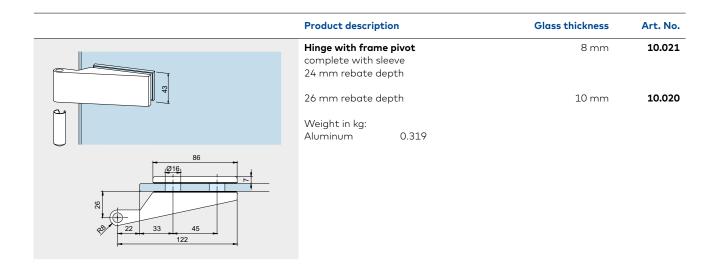
Hinges see page 33.

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.





Door hinges for 8 mm and 10 mm glass thickness



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STUDIO Gala 2.0

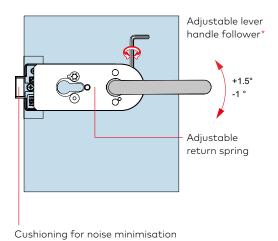
Technical features

- 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° / -1°, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- · Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

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Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of "lever handle sag" droop	•	•	•	•
Low-noise "whisper" functionality	•	•	•	•
Adjustable return spring	•	•	•	•
Spring-assisted clamp follower	•	•	•	•
Compliance approval to 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



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Complete doorsets for 8 mm glass thickness, locks with follower

Complying to DIN EN 12209, with regard to type test (see page 6).

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

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

175 175 175

Product description

Art. No. 19.620

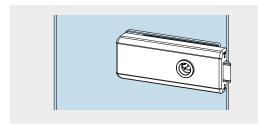
Lock with

2 hinges

non-locking lock, hinges with sleeves

Weight in kg:

Aluminum 1.920



Lock with

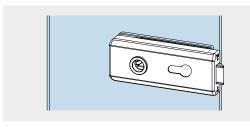
19.621

2 hinges

non-locking lock with follower forward, hinges with sleeves

Weight in kg:

Aluminum 1.880



Lock with

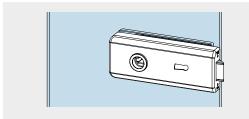
19.622

2 hinges

lock prepared for Europrofile cylinder, nightlatch function, hinges with sleeves

Weight in kg:

Aluminum 1.915



Lock with 2 hinges

19.623

lever lock, nightlatch function, 2 keys supplied, hinges with sleeves

Weight in kg:

Aluminum 1.965

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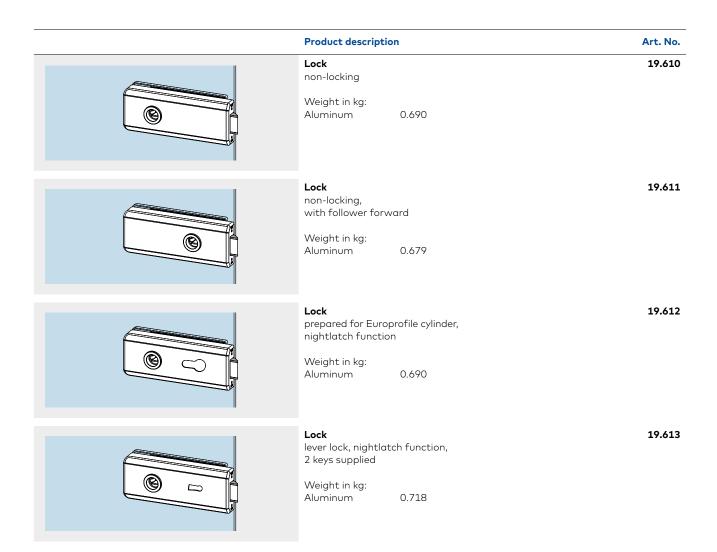
Locks with follower

Complying to DIN EN 12209, with regard to type test (see page 6).

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

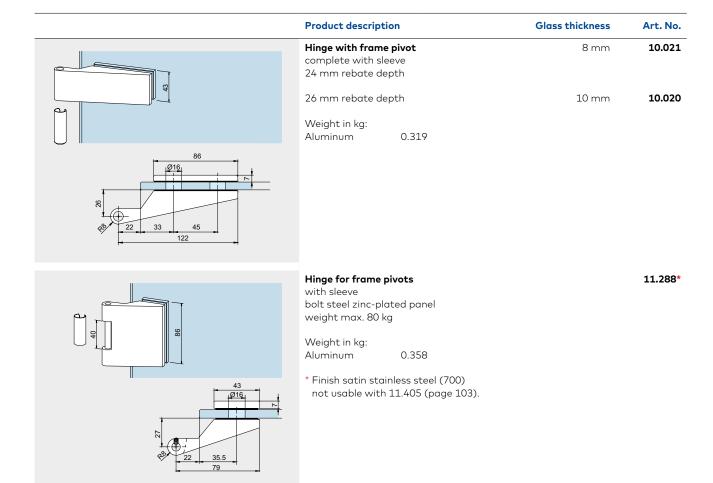
Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long.

Hinges see page 40.



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Door hinges



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Space for your notes

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STUDIO Arcos

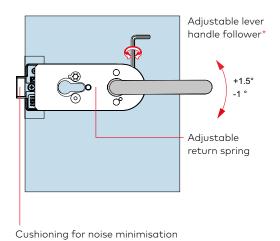
Technical features

- 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° / -1°, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- · Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

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Lock features	STUDIO Rondo	STUDIO Classic	STUDIO Gala 2.0	STUDIO Arcos
Adjustable lever handle follower from + 1.5° to – 1° for avoidance of "lever handle sag" droop	•	•	•	•
Low-noise "whisper" functionality	•	•	•	•
Adjustable return spring	•	•	•	•
Spring-assisted clamp follower	•	•	•	•
Compliance approval to 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



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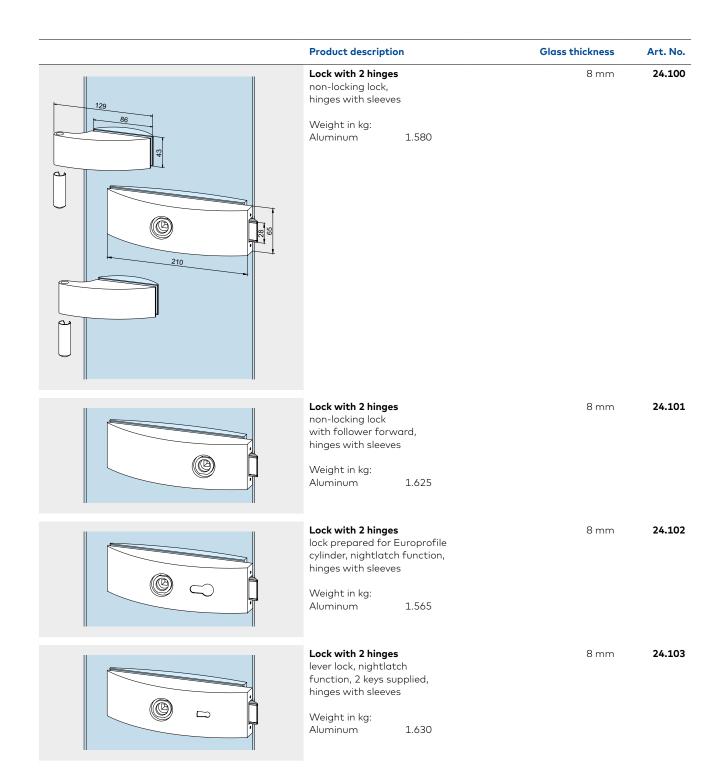
45

Complete doorsets for 8 mm glass thickness, locks with follower

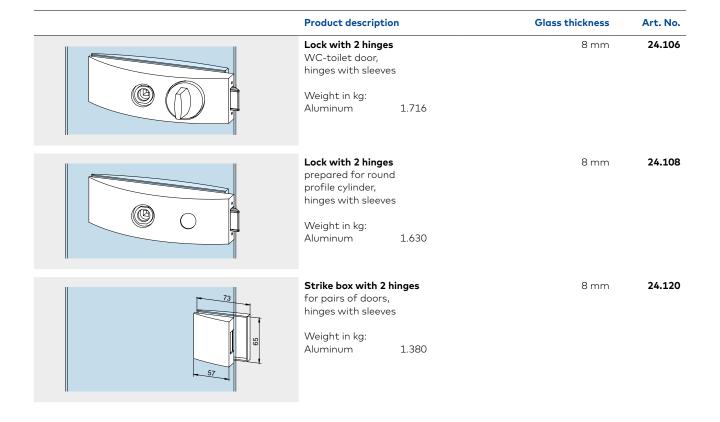
Locks acc. to DIN 12209, according to type testing (see page 6).

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

Prepared for all levers without roses with 8 mm square spindles, spindle length for 44 mm lock thickness and 18 mm Ø follower, max. 8 mm long. Hinges to suit rebate depth 28–40 mm see page 50.



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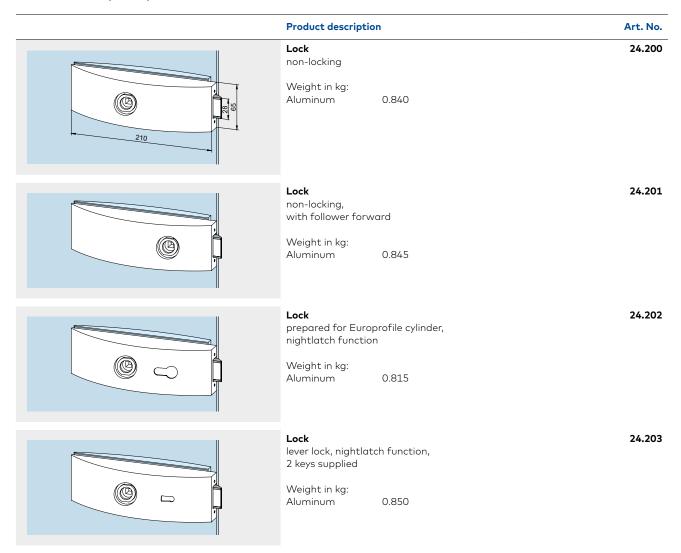
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Locks with follower

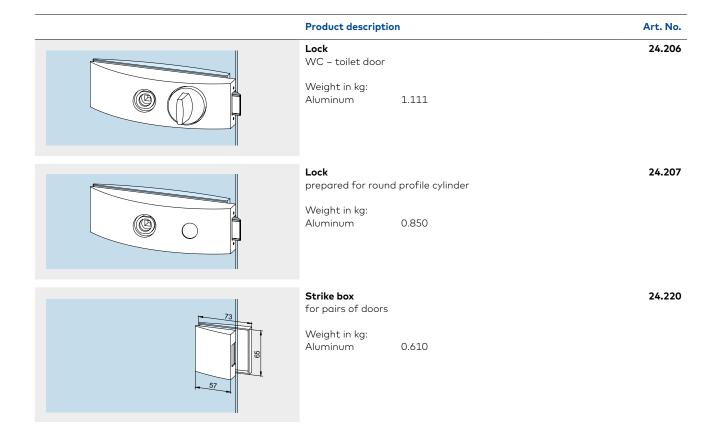
Locks acc. to DIN 12209, according to type testing (see page 6).

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.



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Hinges

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

129 86 16.5 86 18.5 18.5 12.9

Product description

Art. No.

24.230

Hinge for frame pivot complete with sleeve, to suit rebate depth 24 mm door weight max. 60 kg

Weight in kg:

Aluminum 0.319

Filler piece with screws

24.420

(not illustr.)

for rebate depth 28–40 mm, (please indicate), door weight max. 50 kg, used in combination with hinge 24.230

or 10.021

Weight in kg:

Aluminum 0.144

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

129 86 16.5 016 016 016 018 03 18.5 03.5 129

Product description

Hinge for frame pivot complete with sleeve, door weight max. 60 kg

Weight in kg:

Aluminum 0.319

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Art. No.

24.236

Art. No.

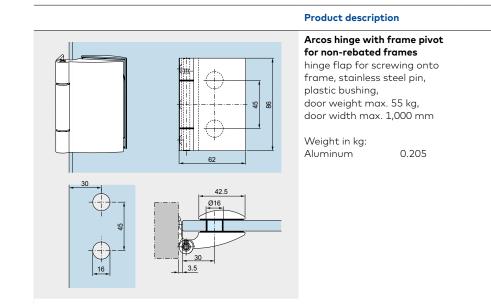
25.451

Glass thickness

8 mm

10 mm

Special hinges



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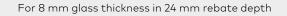
STUDIO Medio

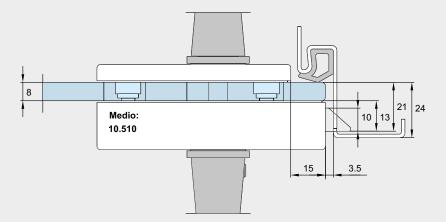
Locks with follower

Locks for 8 + 10 mm glass thickness / 24 mm rebate depth

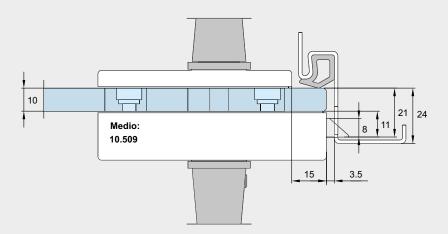
	Product description	Glass thickness	Art. No.
	STUDIO Medio lock Weight in kg: Aluminum 0.840	8 mm 10 mm	10.510 10.509
1714 SB	STUDIO Medio strike box, short Weight in kg: Aluminum 0.610	8 mm and 10 mm	10.512

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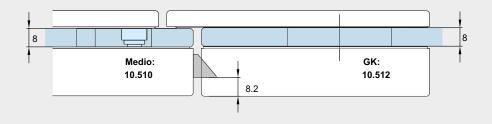


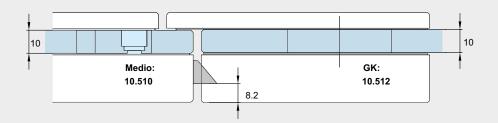


For 10 mm glass thickness in 24 mm rebate depth



Applications with an occasional door/sidelight:

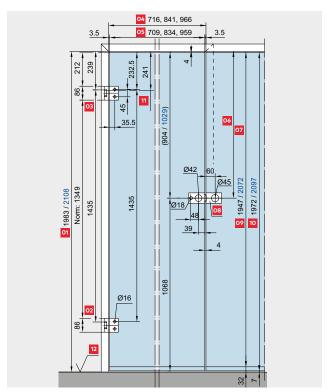




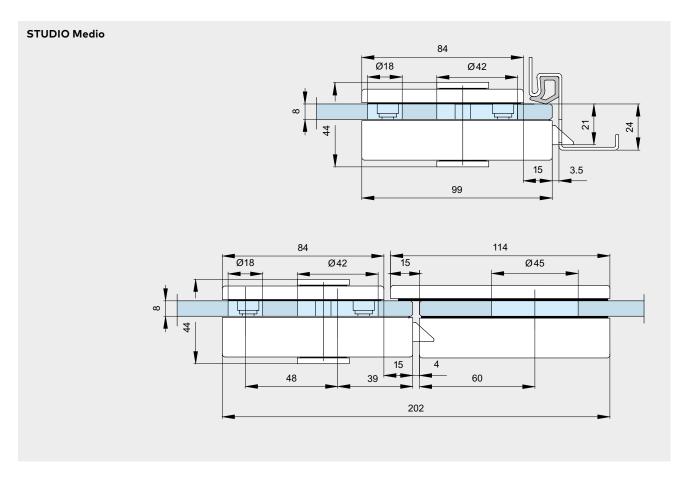
Applications with an occasional door / sidelight are always designed with lock type 10.510 for 8 mm glass, irrespective of whether the glass thickness is 8 mm or 10 mm.

Installation details and sections for frame pivots

STUDIO Medio



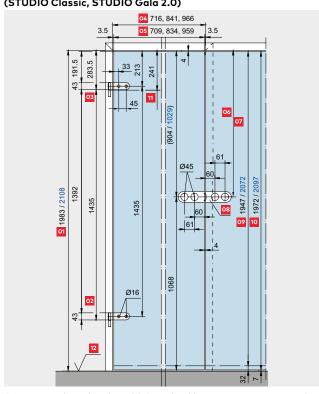
- 01 Frame rebate height 02 Standard hinge support to DIN 18 111 03 Standard hinge support 04 Frame rebate width
- 05 Glass width 06 Centre lock bolt 07 Usually 908 / 1033 mm for doors 1972 / 2108 mm high 08 Strike box
- 09 Glass height (type S) 10 Glass height (type N) 11 Hinge datum line to DIN 18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

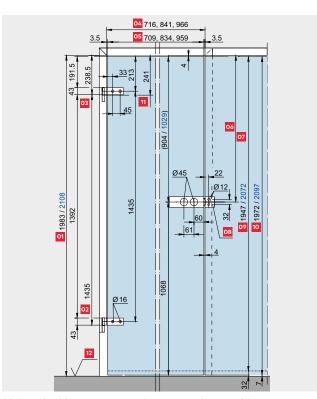


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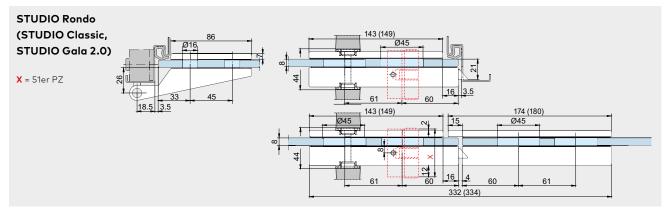
STUDIO Rondo (STUDIO Classic, STUDIO Gala 2.0)

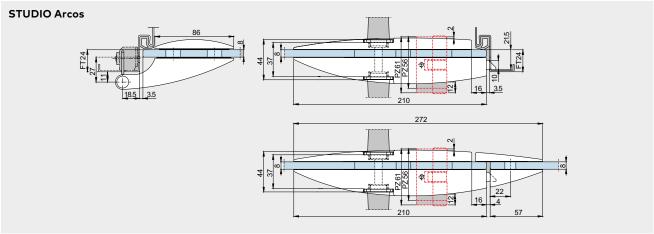
STUDIO Arcos





- 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)

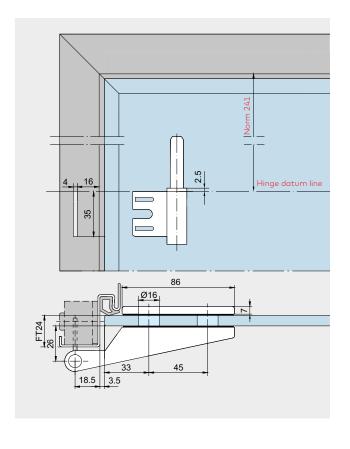




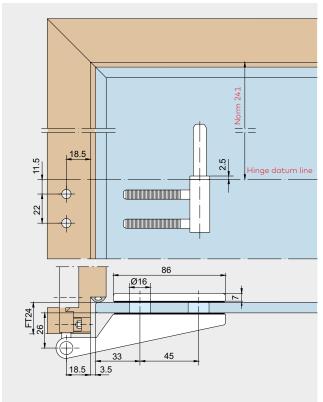
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Frame pivots

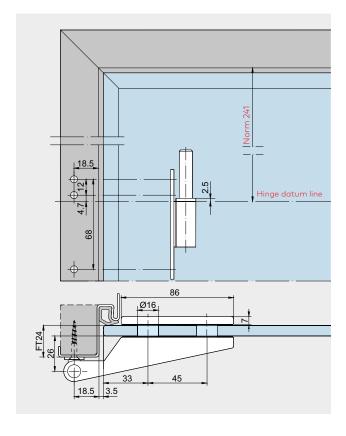
for steel frames

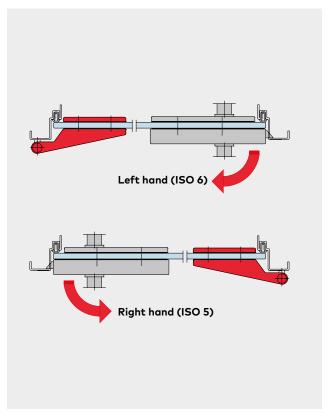


Frame pivots for wooden frames



Screw on frame pivot





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OFFICE Junior

Technical features

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

Locks for levers with roses

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

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

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

Product description

Art. No. 11.200 L

11.201 R

11.212 L

11.213 R

(not illustr.)

(not illustr.)

prepared for Europrofile cylinder, nightlatch function, extended colour options, also available stainless steel

Weight in kg:

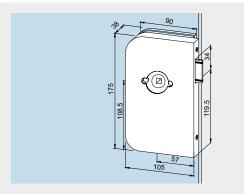
Aluminum 1.214 Stainless steel 1.505

Lock

prepared for Europrofile cylinder, nightlatch function, lock corrosion-resistant 11.210 L (not illustr.)

Weight in kg:

Aluminum 1.230



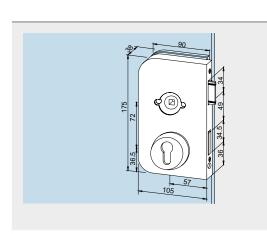
Lock

non-locking, extended colours options, also available in stainless steel

Weight in kg:

Aluminum 1.210

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Product description

Art. No.

11.242 L prepared for Europrofile cylinder, 11.243 R nightlatch function, (not illustr.)

cylinder rose on lock side, extended

colour options

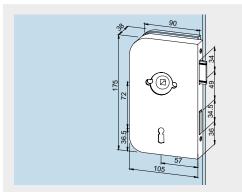
Weight in kg:

Aluminum 1.200

11.228 L Lock prepared for Europrofile cylinder, 11.229 R nightlatch function, cylinder roses on both sides, (not illustr.) extended colour options,

Weight in kg:

Aluminum 1.214



Lock 11.202 L lever lock, without nightlatch 11.203 R function, 2 keys supplied, (not illustr.) also available in stainless steel

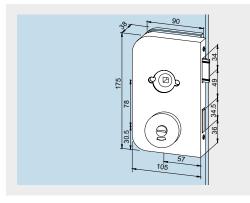
Weight in kg:

Aluminum 1.115 1.383 Stainless steel

11.240 L prepared for round profile cylinder, 11.241 R nightlatch function (not illustr.)

Weight in kg:

Aluminum 1.075



11.204 L bathroom lock function 11.205 R (not illustr.)

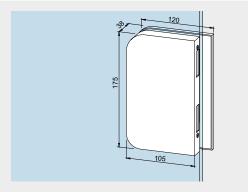
Weight in kg:

1.040 Aluminum

11.214 L Lock bathroom lock function, 11.215 R lock corrosion resistant (not illustr.)

Weight in kg:

Aluminum 1.210



Strike box 11.206 L for OFFICE Junior locks, 11.207 R extended colour options (not illustr.)

Weight in kg:

1.019 Aluminum 1.335 Stainless steel

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Locks with follower

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

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

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

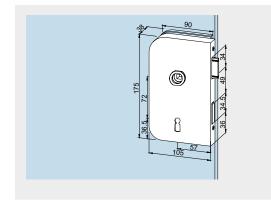
Product description

Art. No.

11.260 L prepared for Europrofile cylinder, 11.261 R nightlatch function, extended colour options, (not illustr.) also available stainless steel

Weight in kg:

1.165 Aluminum Stainless steel 1 445



11.262 L 11.263 R lever lock, without nightlatch function, 2 keys supplied, also available in stainless steel (not illustr.)

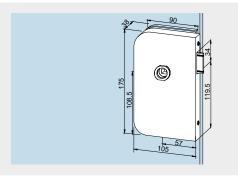
Weight in kg:

Aluminum 1.115 Stainless steel 1 383

11.266 L prepared for round profile cylinder, with nightlatch 11.267 R function, 2 keys supplied, also available in stainless steel (not illustr.)

Weight in kg:

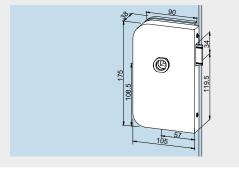
1.113 Aluminum Stainless steel 13 78



non-locking, also available in stainless steel

Weight in kg:

1.040 Aluminum Stainless steel 1.290



for OFFICE Junior locks, extended colour options

11.206 L 11.207 R

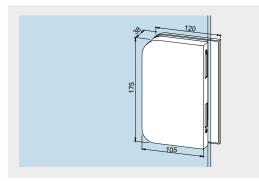
11.264 L

11.265 R (not illustr.)

(not illustr.)

Weight in kg:

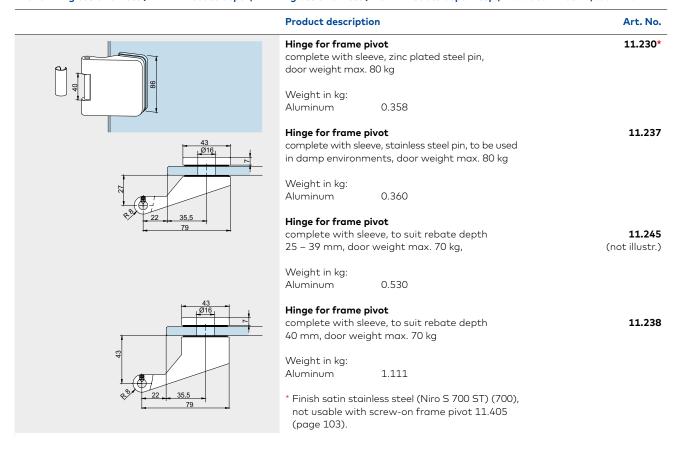
0.945 Aluminum 1.335 Stainless steel



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Hinges for frame pivots

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



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Hinges for frame pivots

Product description

Glass thickness

Art. No. 11.233

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

door weight max. 70 kg, door width max. 1,200 mm

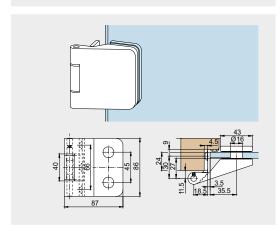
Note: Consider separate frame processing

do. for 40 mm rebate depth 11.340 door weight max. 45 kg (not illustr.)

Weight in kg:

0.519 Aluminum

Note: Consider separate frame processing



Hinge with frame pivot

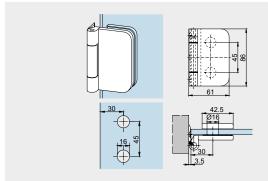
11.239

12.090

for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm

Weight in kg:

0.425 Aluminum



Hinge with frame pivot

 $8\,mm$ 10 mm

for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg,

door width max. 1,000 mm

Weight in kg:

0.205 Aluminum

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OFFICE Classic

Technical features

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

Locks for levers with roses

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

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

Hinges page 73 (also to suit doors with no over-rebate and rebate depth $25-40\,\mathrm{mm}$)

Product description

prepared for Europrofile cylinder, nightlatch function

Weight in kg: Aluminum

1.165

Art. No. 11.270 L 11.271 R

(not illustr.)

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Product description

Art. No.

Lock11.272 Lwarded key,11.273 Rwithout nightlatch function, 2 keys supplied(not illustr.)

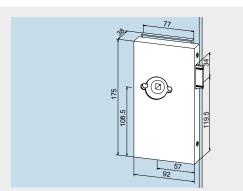
Weight in kg:

Aluminum 1.115

Lock11.278 Lprepared for round profile cylinder,11.279 Rwith nightlatch function(not illustr.)2 keys supplied

Weight in kg:

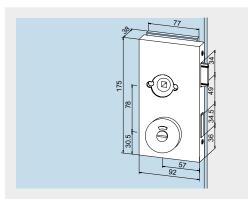
Aluminum 1.113



Lock 11.274 L
non-locking 11.275 R
(not illustr.)

Weight in kg:

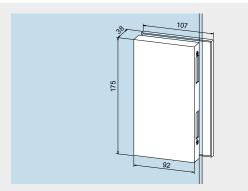
Aluminum 1.040



Lock11.276 Lbathroom lock function11.277 R(not illustr.)

Weight in kg:

Aluminum 1.040



Strike box 11.286 L
for OFFICE Classic locks 11.287 R
(not illustr.)

Weight in kg:

Aluminum 0.945

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Locks with follower

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

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

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

Product description

Art. No. 11.280 L

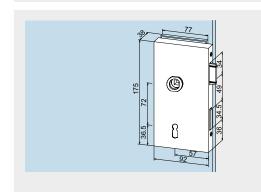
11.281 R

(not illustr.)

prepared for Europrofile cylinder, nightlatch function

Weight in kg:

Aluminum 1.165



11.282 L 11.283 R lever lock, without nightlatch function, 2 keys supplied (not illustr.)

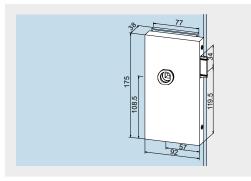
Weight in kg:

Aluminum 1.115

11.320 L prepared for KABA, 11.321 R with nightlatch function, (not illustr.) 2 keys supplied

Weight in kg:

1.113 Aluminum



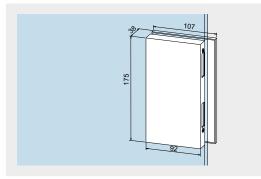
non-locking

Lock

Weight in kg:

(not illustr.)

1.040 Aluminum



Strike box

for OFFICE Classic locks

11.286 L 11.287 R

11.284 L 11.285 R

(not illustr.)

Weight in kg:

Aluminum 0.945

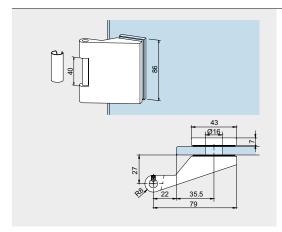
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Hinges for frame pivots

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

Product description

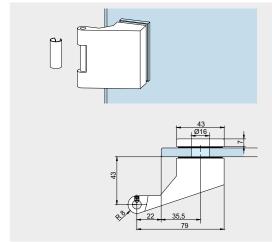
Art. No. 11.288



Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg

Weight in kg:

Aluminum 0.358



Hinge for frame pivot

11.295

complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg

Weight in kg:

Aluminum 1.111

Hinge for frame pivot

11.297

complete with sleeve, to suit rebate depth 25-39 mm, door weight max. 70 kg

Weight in kg:

Aluminum 0,530

Hinges with frame pivots

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

Product description

Glass thickness

Art. No. 11.291

Hinge for project doors

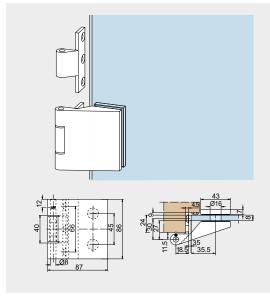
with 160 mm type frame portion (reception element for example VN 7608/160 3D or VZK 060-1/3, or equivalent not included in scope of delivery), stainless steel pin, plastic slide bearing,

door weight max. 70 kg, door width max. 1,200 mm

do. for 40 mm rebate depth, 11.341 door weight max. 45 kg (not illustr.)

Weight in kg:

Aluminum 0.519



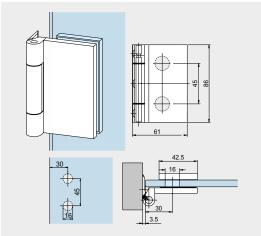
Hinge with frame pivot

11.342

for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm

Weight in kg:

Aluminum 0.425



Hinge with frame pivot

8 mm 12.091 10 mm

for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm

Weight in kg:

0.230 Aluminum

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Space for your notes

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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 (+ $/ 1^{\circ}$), patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- · Special versions of the fitting manufactured in highgrade corrosion-resistant materials are available for wet room applications.

Locks for levers with roses

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

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

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

Art. No.

11.842 L

11.843 R

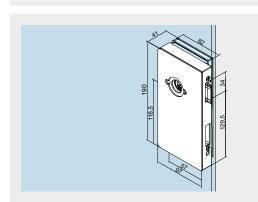
(not illustr.)

Product description

Lock prepared for Europrofile cylinder, nightlatch function

Weight in kg:

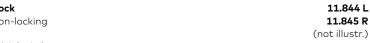
0.730 Aluminum Stainless steel 1.120



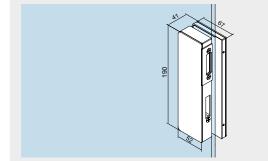
non-locking

Weight in kg: Aluminum

0.800 Stainless steel 1.150



11.848 L Strike box for OFFICE Mundus locks 11.849 R (not illustr.)



Weight in kg:

0.570 Aluminum Stainless steel 0.810

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Locks with follower

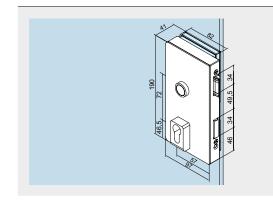
Complying to the current DIN EN 12209 (see page 6).

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

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

Product description

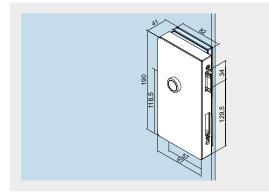
Art. No.



Lock11.838 Lprepared for Europrofile11.839 Rcylinder, nightlatch function(not illustr.)

Weight in kg:

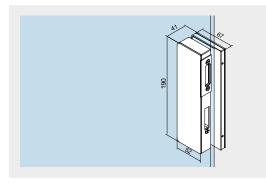
Aluminum 0.830 Stainless steel 1.240



Lock 11.840 L non-locking 11.841 R (not illustr.)

Weight in kg:

Aluminum 0.800 Stainless steel 1.150



Strike box 11.848 L for OFFICE Mundus locks 11.849 R (not illustr.)

Weight in kg:

Aluminum 0.570 Stainless steel 0.810

Set follower for 16 mm diameter

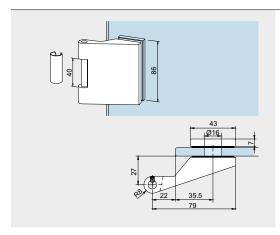
11.852 (not illustr.)

Hinges for frame pivots

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

Product description

Art. No. 11.288

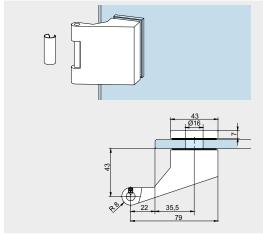


Hinge for frame pivot complete with sleeve,

zinc plated steel pin, door weight max. 80 kg

Weight in kg:

Aluminum 0.358



Hinge for frame pivot

complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg

Weight in kg:

Aluminum 1.111

Hinge for frame pivot

complete with sleeve, to suit rebate depth 25-39 mm, door weight max. 70 kg

Weight in kg:

Aluminum 0,530

11.295

11.297

12/20

80

Hinges with frame pivots

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

Product description

Glass thickness

Art. No. 11.291

Hinge for project doors

with 160 mm type VN frame portion (reception element for example VN 7608/160 3D or VZK 060-1/3, or equivalent - not included in scope of delivery), stainless steel pin, plastic slide bearing, door weight max. 70 kg, door width max. 1,200 mm

do. for 40 mm rebate depth, 11.341 door weight max. 45 kg (not illustr.)

Weight in kg:

0.519 Aluminum

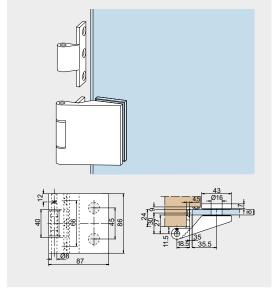


11.342

Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm

Weight in kg:

0.425 Aluminum



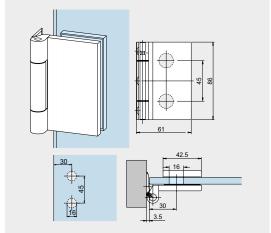
Hinge with frame pivot

12.091

for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm

Weight in kg:

Aluminum 0.230



12/18

8 mm 10 mm

ContentOFFICE Arcos

86	Components
	Components

- 87 Installation details
- 88 Type illustrations
- 100 Accessories
- 114 Range of levers
- 169 Safety-related information



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 ($+/-1^{\circ}$), 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. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

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

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

218 28.5 72 26.72 29.44.5 449 334

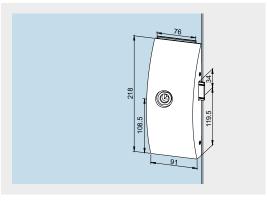
Product description

Art. No.

Lock25.260 Lprepared for25.261 REuroprofile cylinder,
nightlatch function(not illustr.)

Weight in kg: Aluminum

1.165

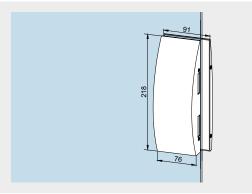


Lock non-locking 25.264 L 25.265 R

Weight in kg:

Aluminum 1.040

(not illustr.)



Strike box

for OFFICE Arcos locks, extended colour options

25.206 L 25.207 R (not illustr.)

Weight in kg:

Aluminum 0.945

Hinges

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

87 87 43 43 43 43 43 43 43 55 87

Product description

Art. No. 25.230

Hinge for frame pivot

complete with sleeve, zinc plated steel pin, door weight max. 80 kg

Weight in kg:

Aluminum 0.358

Hinge for frame pivot

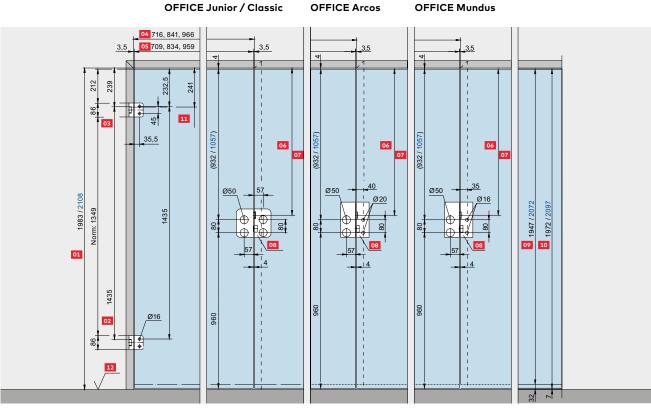
complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg

Weight in kg:

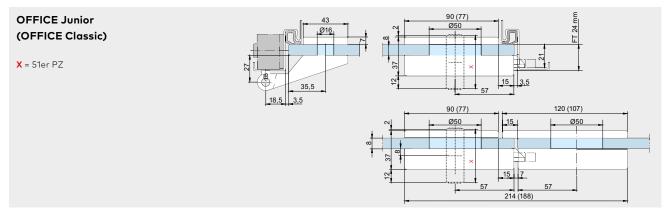
Aluminum 1.111

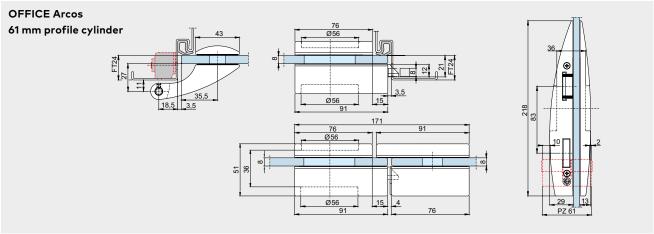
25.238 (not illustr.)

Installation details and sections for frame pivots



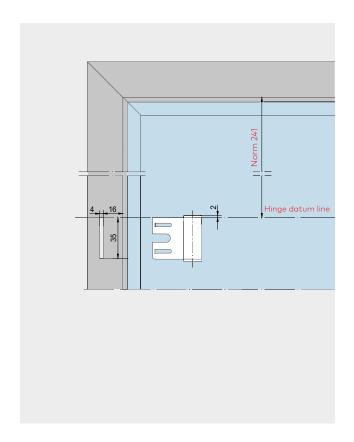
- 01 Frame rebate height 02 Standard hinge support to DIN 18 111 03 Standard hinge support 04 Frame rebate width
- 05 Glass width 06 Centre lock bolt 07 Usually 908 / 1033 mm for doors 1972 / 2108 high 08 Strike box 09 Glass height (type S)
- 10 Glass height (type N) 11 Hinge datum line to DIN 18 268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

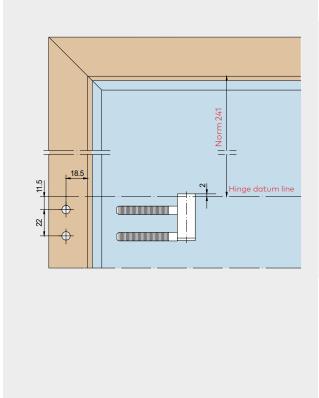




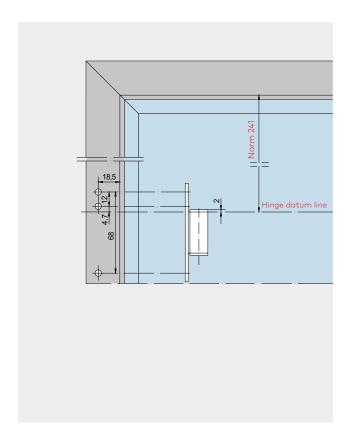
Frame pivots for steel frames

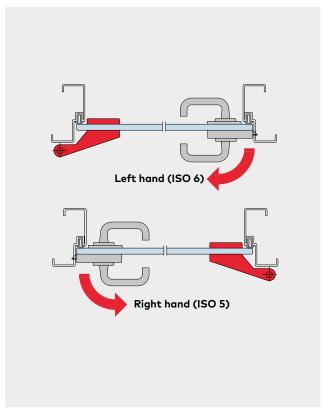
Frame pivots for wooden frames



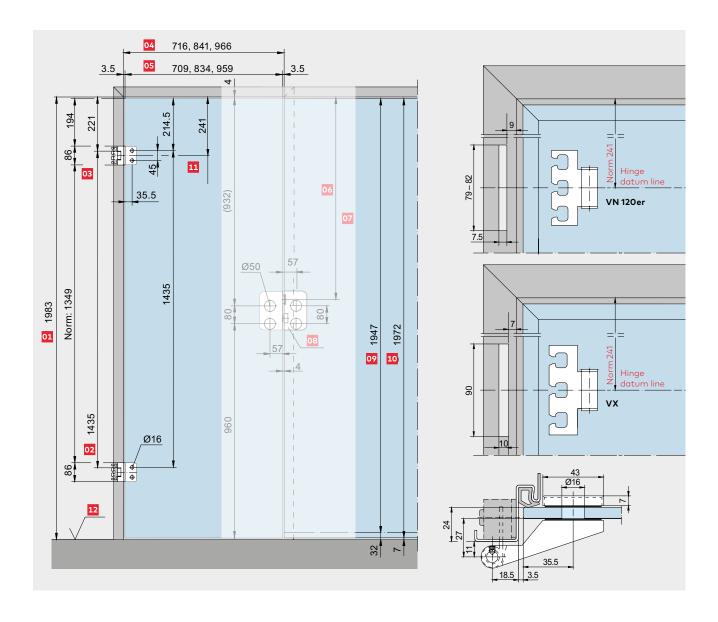


Screw on frame pivot





Frame pivot for frame pocket type VN 120 / type VX



01
Frame rebate height
02

Standard hinge support to DIN 18 111

03 Standard hinge support

Frame rebate width

05 Glass width

06 Centre lock bolt

07 Usually 908 mm for doors 1,972 mm high

doors 1,972 mm hi

08

Strike box

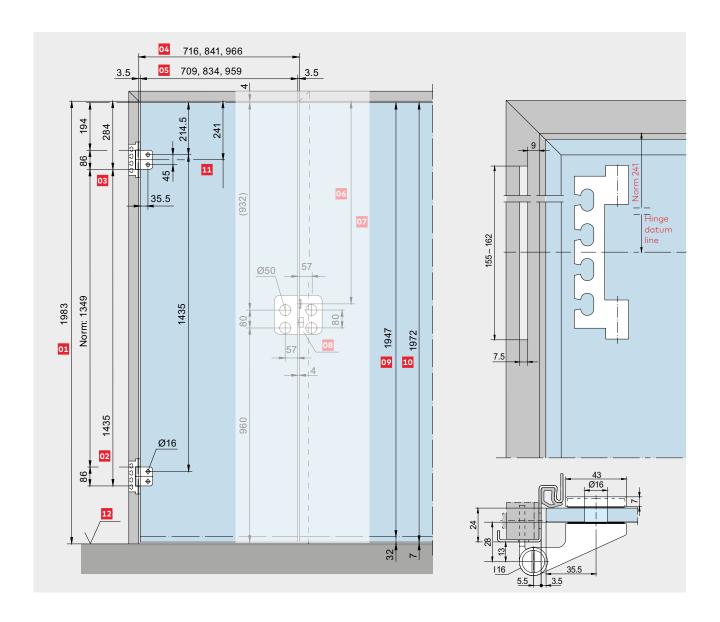
09Glass height (type S)

Glass height (type N)

Hinge datum line to DIN 18 268

12Finished floor level (FFL)

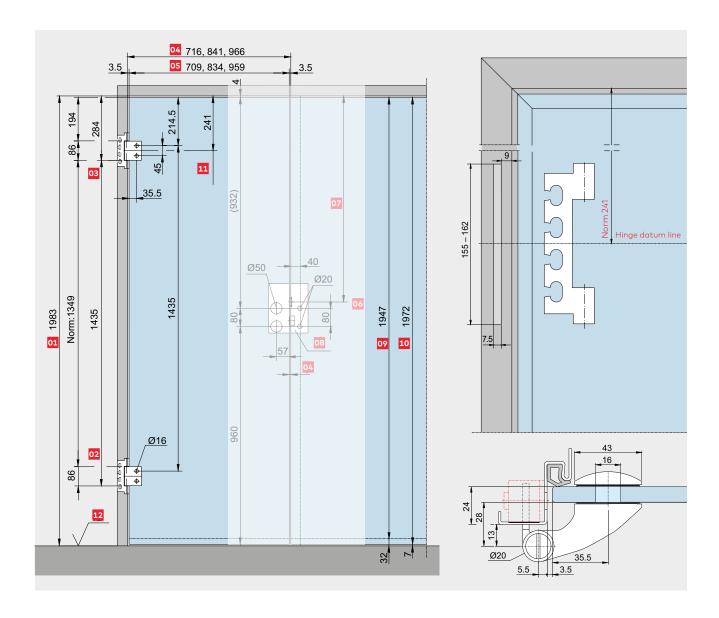
Frame pivot for 160 mm type VN frame pocket



01 05 Frame rebate height Glass width Glass height (type S) Standard hinge Centre lock bolt Glass height (type N) support to DIN 18 111 Usually 908 mm for Hinge datum line to Standard hinge support doors 1,972 mm high DIN 18 268 Finished floor level Frame rebate width Strike box (FFL)

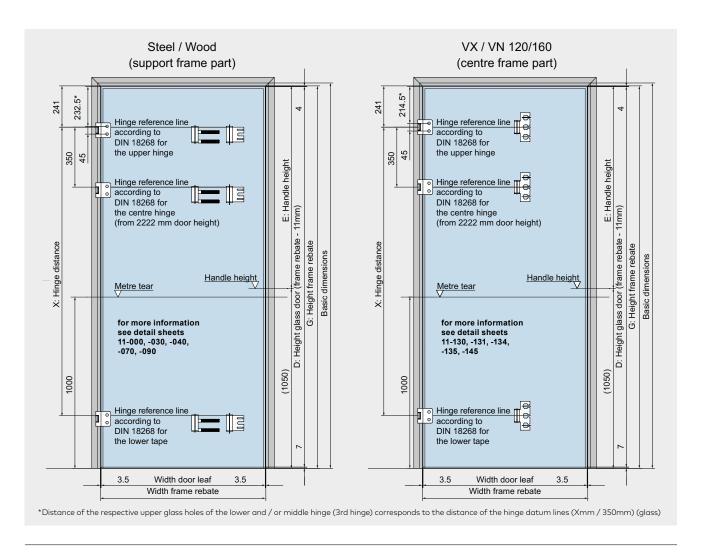
Space for your notes

For frame pocket type VN 160



Frame rebate height Glass width Glass height (type S) Standard hinge Centre lock bolt Glass height (type N) support to DIN 18 111 03 Usually 908 mm for Standard hinge Hinge datum line doors 1,972 mm high to DIN 18 268 support Finished floor level Frame rebate width Strike box

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		х	E
1	1625	1597		1608		1060	554
2	1750	1722		1733		1185	679
3	1875	1847		1858		1310	804
4	2000	1972		1983	1983 2108 716, 841, 966, 1091	1435	929
5	2125	2097	709, 834, 959, 1084	2108		1435	1054
6	2250	2222	737, 1004	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.

For dormakaba OFFICE toughened glass door fittings applies:

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

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

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

Content Special hinges

96 Components169 Safety-related information

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Special hinges

Stainless steel hinge for internal glass doors

for 8 mm and 10 mm glass.

For 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp., max. door width 1,000 mm. Hinges meet highest corrosion resistance (EN 1670, class 4)

Versions with rounded angles also available on request.

Product description

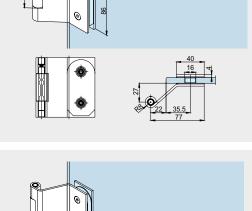
Art. No. 11.500

Stainless steel hinge for frame pivot

with stainless steel sleeve, stainless steel pin, door weight max. 80 kg

Weight in kg:

Stainless steel 0.332



Stainless steel hinge for frame pivot

11.502

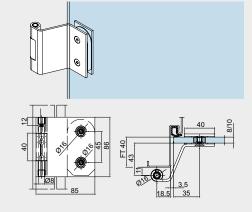
for rebate depth 40 mm, with stainless steel sleeve, stainless steel pin, door weight max. 70 kg

Weight in kg:

Stainless steel 0.371

Please note:

Applications / glass preparation like OFFICE Classic (see page 87). Frame pivots on page 102.



96

Hinges for 8 mm glass thickness

Product description

Art.-Nr.

0 (O)

Screw-on hinge without covers

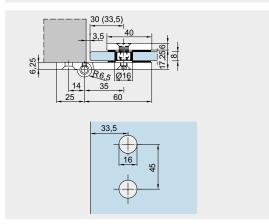
12.010

49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg

Weight in kg:

Aluminum





Screw-on hinge with 3 covers

12.011

49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg

(not illustr.)

Weight in kg:

Aluminum 0.152

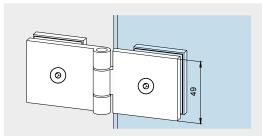
12.012

Screw-on hinge with cover

for clamping plate, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg

Weight in kg:

Aluminum 0.215



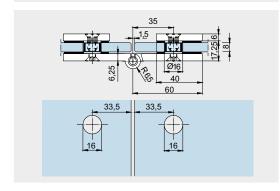
Double hinge without covers

12.030

49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg

Weight in kg:

0.208 Aluminum



Double hinge with 4 covers

12.031 (not illustr.)

49 mm, stainless steel pin, plastic bushing,

door weight max. 30 kg

Weight in kg:

0.243 Aluminum

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38,5 38,5 38,5 43 60 37 37 37 37 43 60

Product description

Art.-Nr.

Double hinge with covers

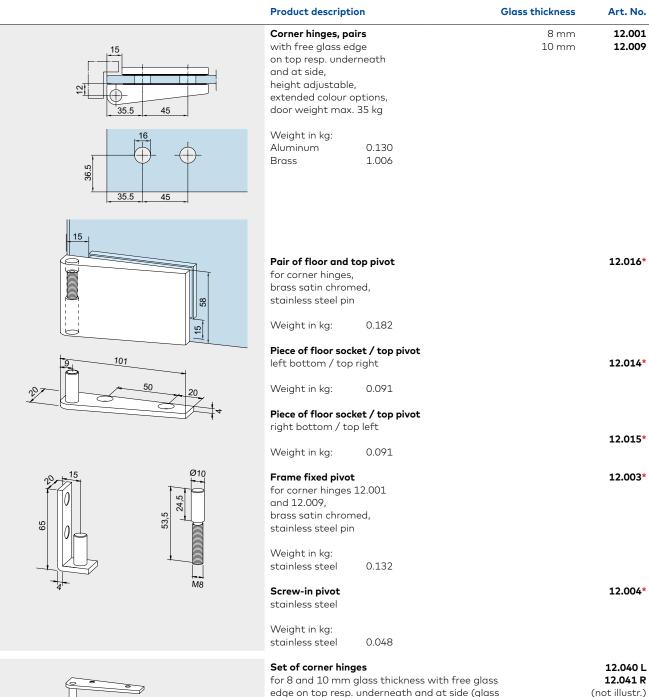
12.032

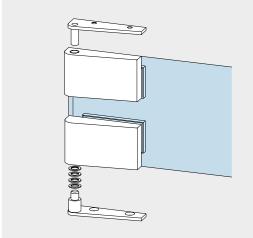
for clamping plates, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg

Weight in kg:

Aluminum 0.344

Corner hinges for 8 mm and 10 mm glass thickness





edge on top resp. underneath and at side (glass preparation like Art. No. 12.001)

Consisting of

1 floor pivot,

1 bottom corner hinge (height adjustable),

1 top pivot,

1 top corner hinge,

door weight max. 80 kg

door width max. 1,100 mm

Weight in kg:

0.825 Aluminum

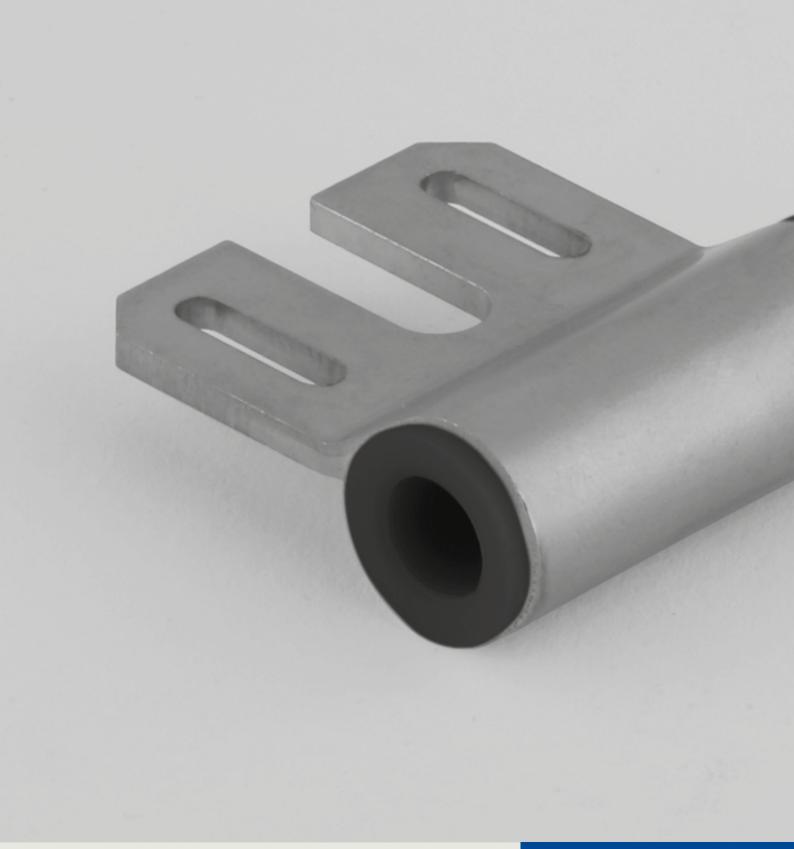
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^{*} Cannot be combined with corner hinges 12.040/12.041.

Content

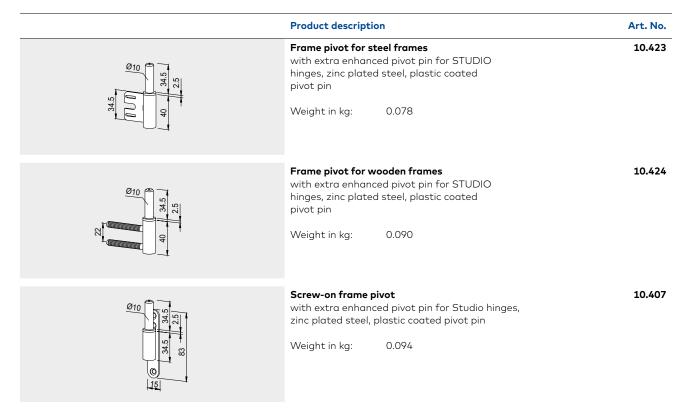
Accessories

102	Frame pivots for internal glass doors
104	Frame pocket
104	push-on sleeves
107	Door rails for internal doors
109	Door bolts / door catch
112	Accessories door closer
169	Safety-related information



Accessories

Frame pivots for STUDIO



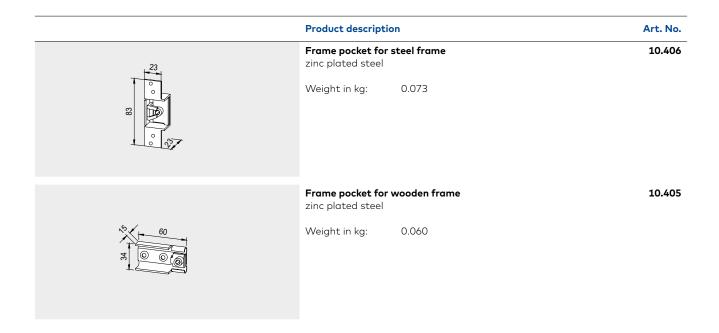
Please note the rebate depth when choosing each door hinge.

Frame pivots for OFFICE

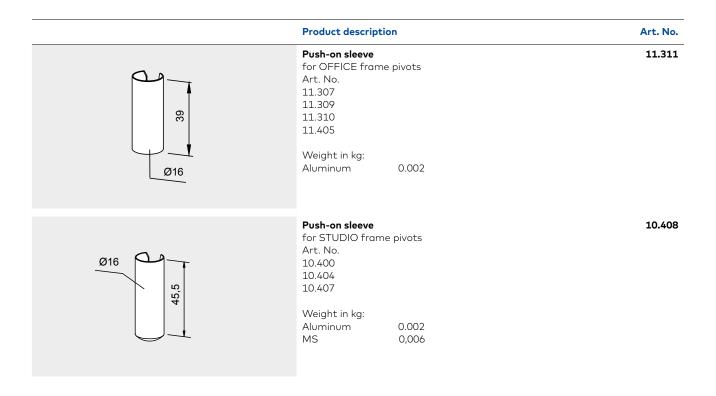
	Product description	Art. No.
0215	Frame pivot for 160 frame pocket (reception element for example VN 7608/160 3D, or equivalent) Satin stainless steel for door hinge 11.230, 11.288, 25.230, Weight in kg: 0.056	11.249
70 24 24 24 38.5 100	Frame pivot for 120 mm type VN-frame pocket (reception element for example VN 7608/120 3D, or equivalent) stainless steel Weight in kg: 0.071	11.308
84 28 28 38,5 65	Frame pivot for VX-frame pocket (reception element for example VX 7501 3D, or equivalent) stainless steel, plastic bushing, for all VX-mating portions, Weight in kg: 0.060	11.304
Ø15 9.5. 8.5.	Frame pivot for steel frames (reception element for example VN 8600, or equivalent) zinc plated steel, plastic bushing Weight in kg: 0.040 Frame pivot for steel frames stainless steel, plastic bushing	11.309 11.307
Ø15 © 388 15	Weight in kg: 0.045 Screw-on frame pivot zinc plated steel, plastic bushing, Weight in kg: 0.047 Please note: not usable with Art. No. 11.230 with finish satin stainless steel (Niro S 700 ST) (700)	11.405
Ø15 38.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	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.

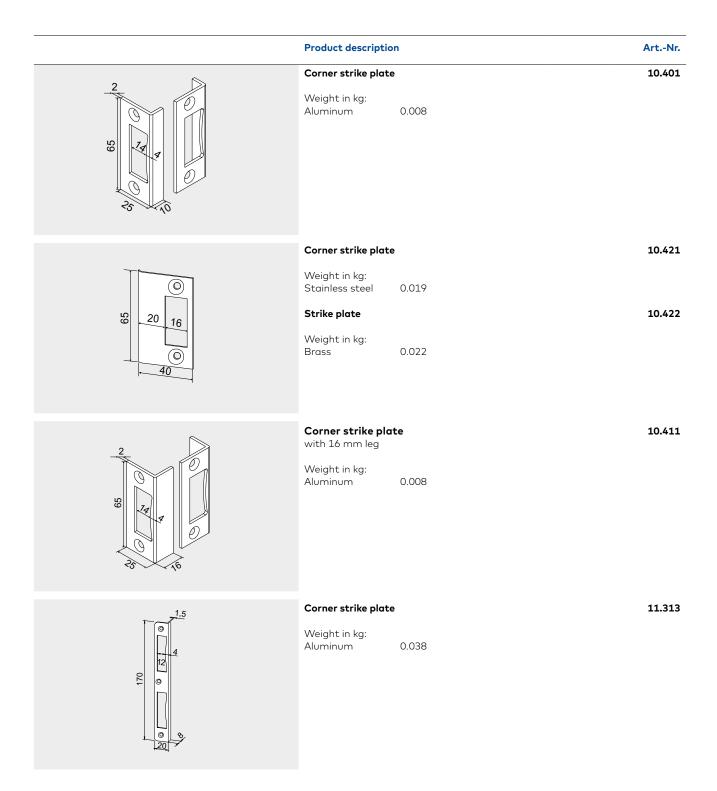
Frame pocket



Push on sleeves



Strike plates



Special latch for adaptation by the customer

Product description 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

Easy-Stop



Further floor and wall door stops see page 111

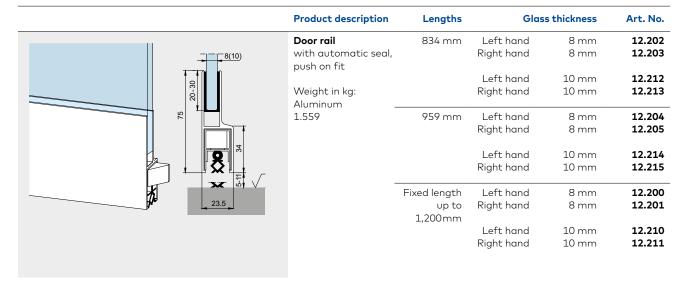
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Door rails for 8 mm and 10 mm glass thickness

	Product description	Glass thickness	Art. No.
	Door rail push on fit, with pair of plastic end caps		
8 (10)	norm length 834 mm	8 mm 10 mm	12.102 12.122
20-30	norm length 959 mm	8 mm 10 mm	12.103 12.123
FFL	stock length 1,200 mm	8 mm 10 mm	12.104 12.124
13.5 (15.5)	fixed length 1,200 mm (for adaptation by the customer)	8 mm 10 mm	12.100 12.120
	Weight in kg: Aluminum 0.833		
	Brush seal to insert into door rails, with plastic brus 5 mm projection, stock length 2,000 mm	h,	12.110
	fixed length 1,200 mm stock length 1,000 mm fixed length 1,000 mm		12.111 12.115 12.116
	Weight in kg: 0.142	8 mm	12.106 (not illustr.)
	Plastic end cap black	8 mm	12.108 (not illustr.)
	Plastic end cap white	10 mm	12.108
	Weight in kg: 0,001 Plastic end cap		(not illustr.)
	black Weight in kg: 0.001		
	Plastic end cap white	10 mm	12.109 (not illustr.)
	Weight in kg: 0.001		

Door rails with automatic seals

	Product description	Lengths	Surface	Glass thickness	Art. No.
	Door rail with drop-down seal Schall-Ex® GS-A	833 mm	F 150 F 157	≥6 mm ≥6 mm	812.434.150.99 812.434.157.99
15,4	Seal and cover profile self- adhesive	958 mm	F 150 F 157	≥6 mm ≥6 mm	812.439.150.99 812.439.157.99
	Suitable for all doors with a glass thickness of 6 mm	1083 mm	F 150 F 157	≥6 mm ≥6 mm	812.444.150.99 812.444.157.99
35	or more Can be shortened 125 mm Retrofittable Stroke 11 mm	1208 mm	F 150 F 157	≥6 mm ≥6 mm	812.449.150.99 812.449.157.99
8 - 12	Transfer door rail with drop-down seal	833 mm	F 150 F 157	8-12 mm 8-12 mm	812.430.150.99 812.430.157.99
	for bonding on site Schall-Ex® GS-H8/12 Universal glass	958 mm	F 150 F 157	8-12 mm 8-12 mm	812.435.150.99 812.435.157.99
15	door seal for doors with glass thicknesses from	1083 mm	F 150 F 157	8-12 mm 8-12 mm	812.440.150.99 812.440.157.99
	8 - 12 mm Unilateral triggering Stainless steel cover on lock side Can be shortened 125 mm Stroke 11 mm	1208 mm	F 150 F 157	8-12 mm 8-12 mm	812.445.150.99 812.445.157.99



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

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Door bolts

	Product description	Glass thickness	Art. No.
98	Slide over door bolt with floor socket Weight in kg: Aluminum 0.121 with floor socket Weight in kg: Aluminum 0.113	8 mm	12.301
60	Slide over strike box to slide over door bolt Art. No. 12.301 Weight in kg: Aluminum 0.160 to slide over door bolt Art. No. 12.302 Weight in kg: Aluminum 0.130	8 mm	12.314 12.317
Ø 10	Door bolt on glass preparation, Weight in kg: Aluminum 0.121 Door belt	8 mm 10 mm 8 + 10 mm	12.312 12.315
98 8	on glass preparation, with free glass edge Weight in kg: Aluminum 0.099		
24 Ø 10	Strike box on glass preparation to door bolt Art. No. 12.312 Weight in kg: Aluminum 0.130	8 mm	12.313
70	Strike box on glass preparation to door bolt Art. No. 12.315 Weight in kg: Aluminum 0.087	10 mm	12.316

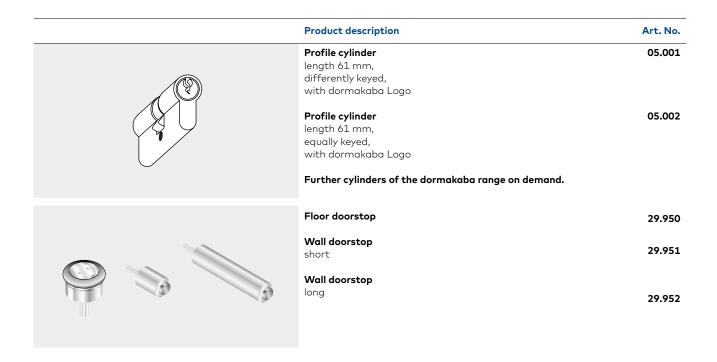
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Door bolts

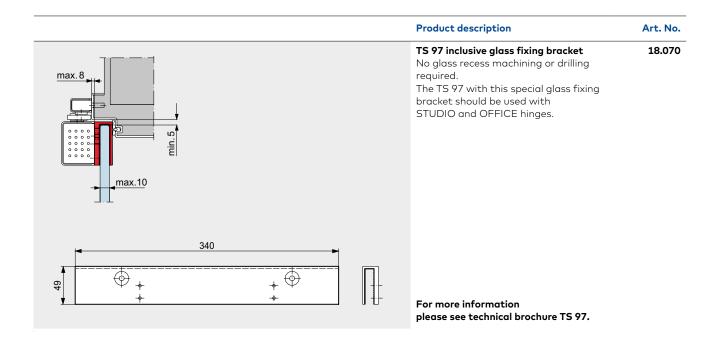
	Product description	Glass thickness	Art. No.
1 ^{Ø15}	Door catch plastic		12.300
8015	Weight in kg: plastic 0.007		
27	Door catch with round bolt		12.305
27	Weight in kg: plastic 0.007		
1 225 80	Wooden snapper block for sauna , alder wood		13.006
20 0	Weight in kg: wood 0.045		
	Wooden handle for sauna , alder wood		13.005
	Weight in kg: wood 0.267		
~			

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Profile cylinder



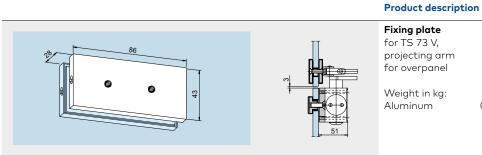
TS 97



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Accessories

for dormakaba Door Closer TS 73 V

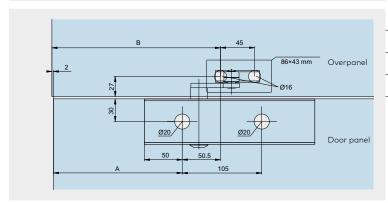


Fixing plate

for TS 73 V, projecting arm for overpanel

Weight in kg:

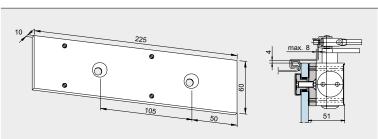
Aluminum 0.132



Pivot point fitting	Α	В
EA (AT)	195	248
UNIVERSAL / MUNDUS	245	298
STUDIO / OFFICE	170	223
UNIVERSAL Arcos	262	315

Art. No. 12.330

Art. No.



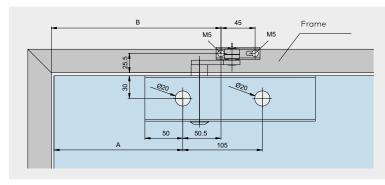
Fixing plate 12.335

225 mm, for TS 73 V

Weight in kg:

Aluminum 0.289

Product description



Pivot point fitting	Α
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

330

Product description

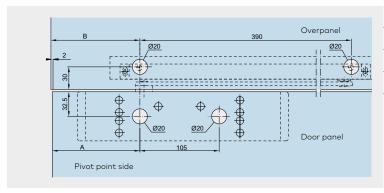
Art. No.

12.332

Fixing plate for TS 92, sliding rail for overpanel. Further information and installation types you will find in the technical brochure TS 92.

Weight in kg:

Aluminum 0.265



Pivot point fitting	Α	В
EA (AT)	200	202
UNIVERSAL / MUNDUS	250	252
STUDIO / OFFICE	148	150
UNIVERSAL Arcos	265	267

Product description

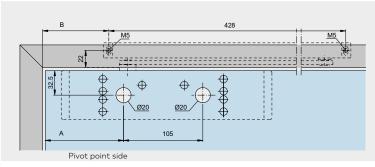
Art. No.

Fixing plate 12.334 279 mm,

for TS 92 (Issue 07/02)

Weight in kg:

Aluminum 0.290



Pivot point fitting	Α
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

116 Lever for follower

119 Levers with roses

169 Safety-related information

114 12/20



Lever range

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

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

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Product description	Art. No.
Set of levers with oval handle Weight in kg: Aluminum 0.300	24.310
Set of levers with angular handle Weight in kg: Aluminum 0.267	24.312
Lever MAME 33 Weight in kg: stainless steel 0,380	52.330
Lever MAME 01 Weight in kg: stainless steel 0,380	52.010
Arcos lever and knob set with Arcos lever and free turnable knob (turnable knob without function) Weight in kg: Aluminum 0.335	24.316
Lever and knob set lever with flat hand part, fixed knob, for use with nightlatch function locks (turnable knob without function) Weight in kg: Aluminum 0.270	10.304
Lever and knob set tubular lever with free turning knob (turning without function) Weight in kg: Aluminum 0.335	10.316
Lever and knob set tubular lever with turning knob Weight in kg: Aluminum 0.345	10.317

Sets of levers for locks with follower

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

Lever with roses

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

Sets of levers with roses for wooden doors

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

Space for your notes

ContentBEYOND

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127	Type illustrations / sets
130	Components
130	Glass preparation
156	Accessories
168	Finishes and colours
169	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 functiona-lity 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.

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

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

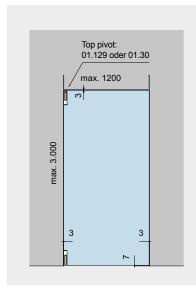
Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass. Finishes for fittings and accessories: aluminum EV1-Deco anodized (114) or similar satin

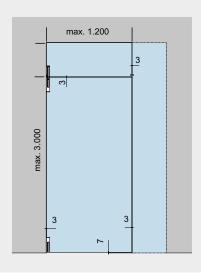
For maximum values please see the typical assemblies.

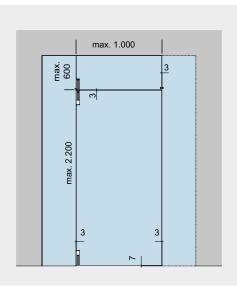
Note:

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

stainless steel anodized (107).







Basic set for individual door. For installation in masonry.

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

Optionally with side panel on closing side.

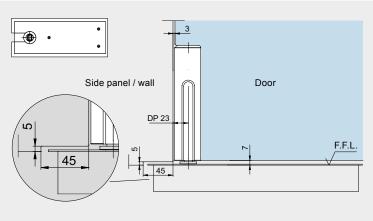
Basic set and over panel fitting wall connector for door with over panel and side panel on pivot point side.

Optionally with side panel on closing side.

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

Max door height 3,000 mm Max door weight 80 kg Max door height 3,000 mm Max door weight 80 kg

Combination BEYOND and BTS



(door closer available from Door Control Division) With the 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.
044 Ø15	BEYOND basic set: Pivoting fitting set, short type, comprising • 1 top pivot fitting with pivot Ø 15 mm, • 1 bottom pivot fitting with insert for floor spring spindle (90° turnable, e. g. dormakaba BTS 80) or round pivot	10 mm 12 mm	30.100 30.101
173			
20 20 20 20 20 20 20 20 20 20	BEYOND overpanel fitting, wall connector, with plastic socket for top pivot	10 mm 12 mm	30.120 30.121
128 144 100 100 100 100 100 100 100 100 100	BEYOND overpanel fitting, glass connector, with plastic socket for top pivot	10 mm 12 mm	30.130 30.131
30	BEYOND glass connector, plastic, black, for connection of side panel at closing side	10 mm and 12 mm	30.320

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

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

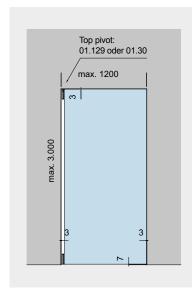
Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass.

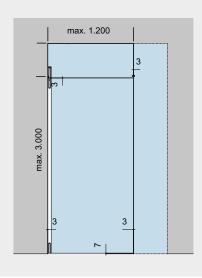
Finishes for fittings and accessories: aluminum EV1-Deco anodized (compatible with finish 150) (114) or similar satin stainless steel anodized (107).

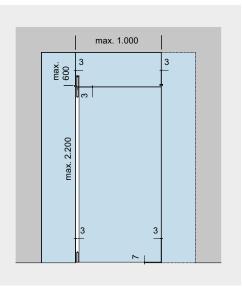
For maximum values please see the typical assemblies.

Note:

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







Basic fitting for individual

For installation in masonry.

Max door height 3,000 mm

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

Optionally with side panel on closing side.

Max door height 3,000 mm Max. door weight 80 kg

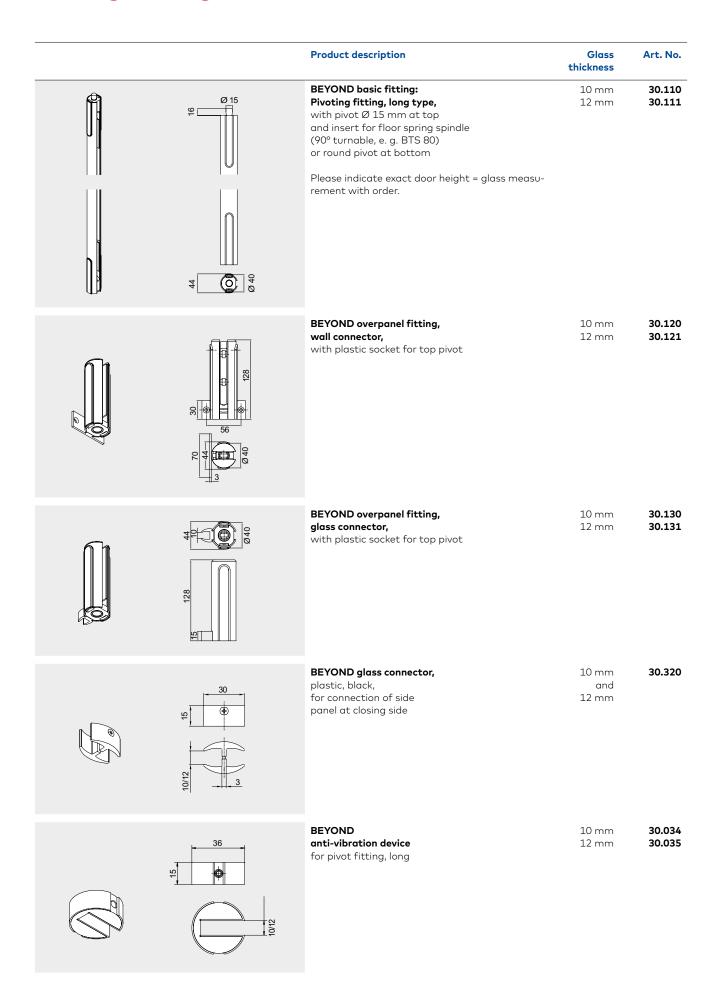
Basic fitting and over panel fitting wall connector for door with over panel and side panel on pivot point side.

Optionally with side panel on closing side. Max door height 2,200 mm Max. door weight 80 kg

Max. door weight 80 kg

Combination BEYOND and BTS (door closer available from Door Control Division) With the 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 Side panel / wall Door 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 DP 23 by which the side screen is fixed. F.F.L. 45 45 _

Fittings and glass connector



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Glass preparation

Product description

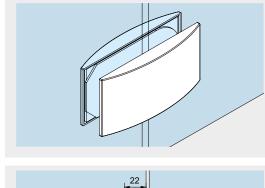
Art. No.

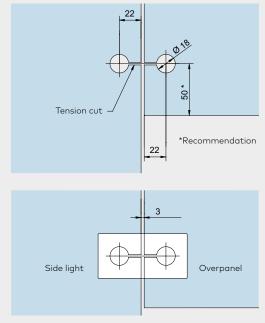
Overpanel-sidelight connector

12.536

Weight in kg: Aluminum

m 0.146





Tension cut 25 37 88 4 4 88 4 7 88 88 7 88 88 7 88 8

Pivoting fitting set, short type

30.100

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

30.101

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Tension cut 150 105 Wall / Side light 8 17 52

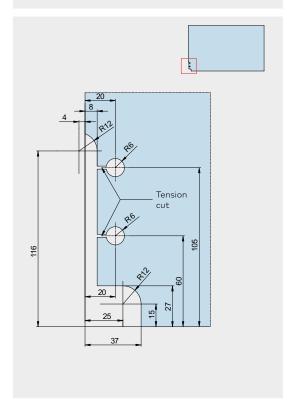
Product description

Art. No.

Pivoting fitting, long typeDrawing shows the bottom glass penetration. Top edge of glass is prepared accordingly.

30.110 30.111

30.120 30.121 30.130 Overpanel fitting Wall connector and glass connector 30.131



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TENSOR

Convenience - Precision - 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 dormakaba 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.









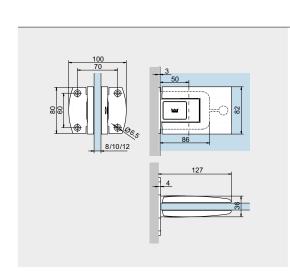
11/17 135

For wall / frame fixing

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

* for glass height 1,800 - 2,500 mm (min. 700 mm panel width)

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Product description Glass Art. No. thickness

TENSOR Double-action hinges

8, 10 and 12 mm 12.520

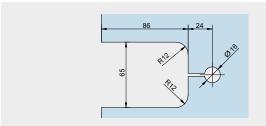
Pair of double-action hinges incl. mounting plate, round; for installation onto wall or frame with surface mounted mounting plate

dto but with 2 stops (29.950)

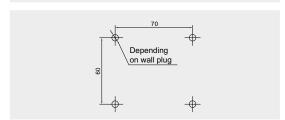
12.527

Finishes:

AL EV1-Deco anodized (114) (compatible with finish 150) AL similar satin stainless steel anodized (113)



Glass preparation



Drilling scheme

Please note:

Condition is a suitable substructure!

For the frame installation our inside frame connector 12.526 is available (Detail: 12-152A).

Excessiv opening of the door must be prevented (max. 90°).

Please use a door stop – see page 140

Glass to glass

Product description

Glass height

Glass width

TENSOR Double-action door fixed to glass side panel

LH-10

LB-6

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)

TENSOR Double-action door fixed to glass side panel

LH-10 (LB-10)/2

Double leaf

Fittings for 8, 10 and 12 mm glass Door weight: max. 65 kg Door width: max. 1,000 mm Side panel width: max. 1,500 mm

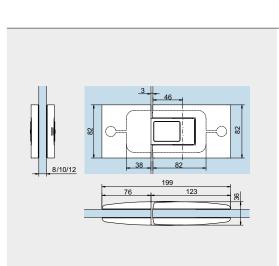
LH = Clear height

LB = Clear width

* for glass height 1,800 - 2,500 mm (min. 700 mm panel width)

Note: The fixed parts must be installed all around the wall connection profile (see technology brochure Fittings for toughened glass systems).

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Product description

Glass thickness

Art. No.

12.523

TENSOR Double-action hinges

8, 10 and 12 mm

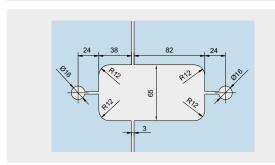
Pair of double-action hinges for installation glass to glasse

dto but with 2 stops (29.950)

12.529

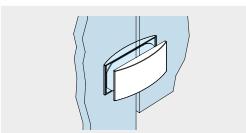
Finishes:

AL EV1-Deco anodized (114) (compatible with finish 150) AL similar satin stainless steel anodized (113)



Glass preparation / Drilling scheme

for Art. No. 12.523

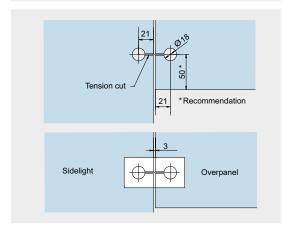


Overpanel-sidelight connector

12.536

Weight in kg: Aluminum

0.146



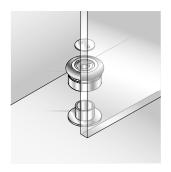
Glass preparation / Drilling scheme

for Art. No. 12.536

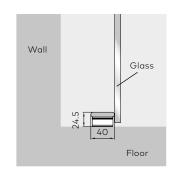
Excessiv opening of the door must be prevented (max. 90°).

Please use a door stop – see page 140

Accessories







Ordering information

Stop for pivoting door floor mounting Art. No. 29.950

Easy-Stop

	Product description	Glass thickness	Art. No.
66 10 (8/12) 66 60 60 60 60 60 60 60 60 60 60 60 60 6	Barrier free floor doorstop – Easy Stop for double-action doors Stainless steel adapter for bonding, UV-adhesives plastic cover Weight in kg: Aluminum 0.679	8 mm 10 mm 12 mm	10.592 10.593 10.594
66 60	Barrier-free floor doorstop for single-action doors, stainless steel adapter for bonding, plastic cover Weight in kg: Aluminum 0.335		10.591

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TENSOR

Space for your notes

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The VISUR product line will be removed from the program in 2021

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VISUR

VISUR – purest clarity

All-glass double-action doors without any visible fixings? Meet VISUR, a system patented for dormakaba that secures double-action glass doors without the need for any visually disruptive functional elements. VISUR presents the door in perfect transparency. Rather than cluttering the clear outline of the leaf, the hardware components are all located in the surrounding structures.

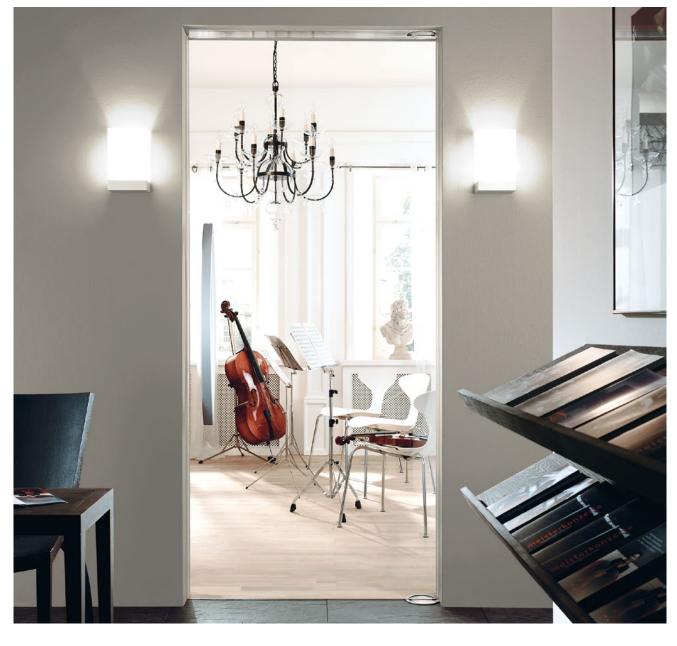
This absence of fittings means that the all-glass double-action door will match any room style, making the VISUR system a real boon to interior architecture.

100% transparent 100% durable

Frameless from top to toe – that's the VISUR's claim to fame, making life easier for architects and specifiers alike.

Because they can choose any material and any colour for the surrounding structures. The VISUR system simply remains a discrete presence, fitting in with every design idea and reflecting it to maximum advantage.

Having successfully completed 500,000 operating cycles in its endurance test, there can be little doubt as to its outstanding quality – a 100 % dormakaba product in every respect.



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Transom-concealed door closer

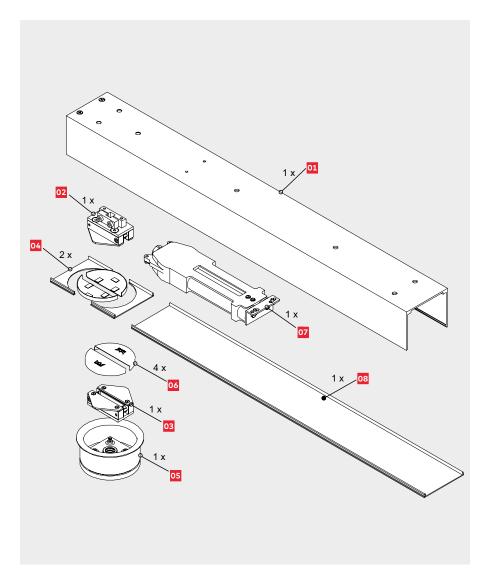
In the case of VISUR all-glass double-action door, the closing function is performed invisibly by the transom-concealed RTS 85 EN 3 door closer. This not only reliably returns the door to its zero position after each opening action, but also – thanks to special check back damping – protects the leaf from careless impact arising from excessive opening force. Thanks to a hold-open feature included as standard, the door can also be

retained at an opening angle of 90°. Clampable projections – leaf-integral 'tongues' – provide the mating connection for the concealed pivot fittings top and bottom. Hidden within the floor is the bottom bearing housing with the pivot bearing mounting designed for an offset of 70 mm.

The depth of installation is 64 mm and the diameter of the bearing housing is just 126 mm.



Scope of delivery



01

transom tube for installation under the ceiling 1 part for max. panel width 1,100 mm 2 parts for max. panel width 2 x 1,100 mm

02

glass clamping piece top

03

glass clamping piece bottom

04

cover profile parts for door closer pivot pin 90 mm

05

bottom bearing housing with cover ring

06

cover caps

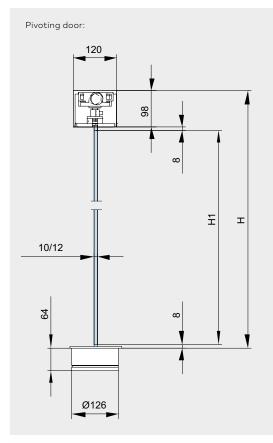
0

RTS 85 EN 3, 90° retainer (for door widths smaller than 800 mm optionally the door closer variant EN 2 can be used. Please quote requirement with your order.)

90

transom tube cover

Technical features



Materials and finishes

• Aluminum, AL EV1-Deco anodized (compatible with finish 150) (114)

Dimensions

- Glass thickness: 10 / 12 mm
- max. door panel weight: 85 kg
- max. door panel width (B1): 1,100 mm
- max. door panel height (H1): 2,500 mm

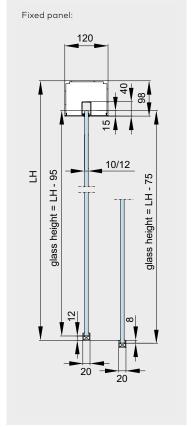
Calculation of

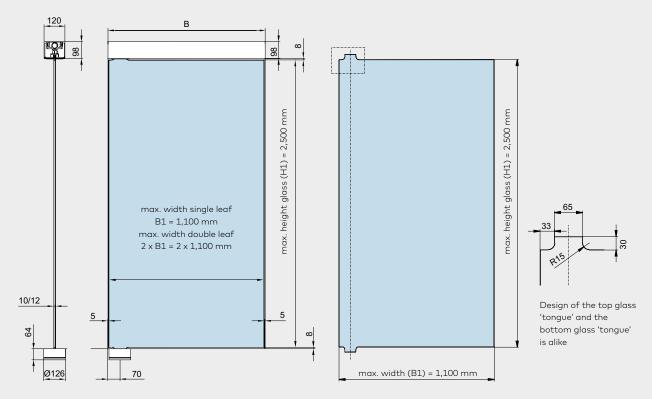
glass measurements:

H1 = H - 114

B1 single leaf = B-10

B1 double leaf = $\frac{B-15}{2}$





VISUR complete sets

5

Product description

Art. No. 03.770

Complete set for single leaf doors

incl. transom tube,

RTS 85,

top and bottom pivot

do. for double leaf door

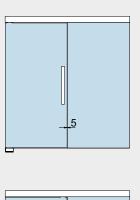
03.771

Attention:

Please indicate with your order clear width in mm.

Max. assembly width: 1,100 mm (03.770)

Max. assembly width: 2,200 mm (03.771)



Complete set for single leaf doors with one fixed sidelight

03.790

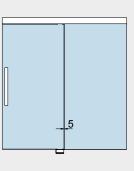
incl. transom tube, RTS 85,

top and bottom pivot

Please indicate with your order the clear width and the width of sidelights and doors in mm.

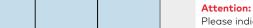
Max door width 1,100 mm,

max. assembly width 6,000 mm



do. for double leaf door with one sidelight

03.792

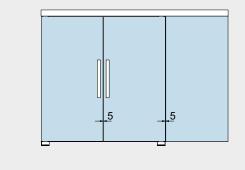




Please indicate with your order the clear width and the width of sidelights and doors in mm.

Max door width 1,100 mm,

max. assembly width 6,000 mm



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VISUR complete sets

____5

Product description

Art. No.

03.791

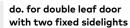
do. for double leaf door with fixed sidelight incl. transom tube,

RTS 85, top and bottom pivot

Attention:

Please indicate with your order the clear width and the width of sidelights and doors in mm.

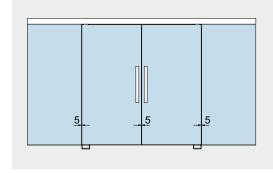
Max door width 1,100 mm,
max. assembly width 6,000 mm



03.793

Attention:

Please indicate with your order the clear width and the width of sidelights and doors in mm. Max door width 1,100 mm, max. assembly width 6,000 mm



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VISUR components

	Product description	Art. No.
	VISUR set composed of RTS 85, top and bottom pivot VISUR set composed of top and bottom pivot, (without RTS 85) When installing the glass door, make sure there is sufficient space in the ceiling/transom!	03.772 03.773
	VISUR transom tube profile for single leaf doors (max. 1,100 mm door panel width), in fixed length (please indicate with your order the clear width in mm) do. for double leaf doors (max. 2 x 1,100 mm door panel width), in fixed length (please indicate with your order the clear width in mm) VISUR transom tube profile in stock length 6,000 mm	03.775 03.776 03.789
	VISUR transom tube cover profile for single leaf doors (max. 1,100 mm door panel width), in fixed length (please indicate with your order the clear width in mm) do. for double leaf doors (max. 2 x 1,100 mm door panel width), in fixed length (please indicate with your order the clear width in mm) VISUR transom tube cover profile in stock length 6,000 mm	03.777 03.778 03.780
7	seed. io.iga. ojobo iiiiii	

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RP

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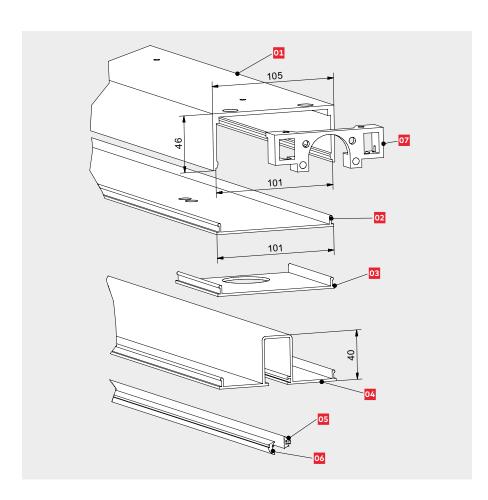
RP

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 6,000 mm

02

Cover profile for door, clip-on, max. length 6,000 mm

03

Cover profile for fixed sidelights, clip-on type with glass groove

04

Cover profile for fixed sidelights, clip-on, with glazing groove

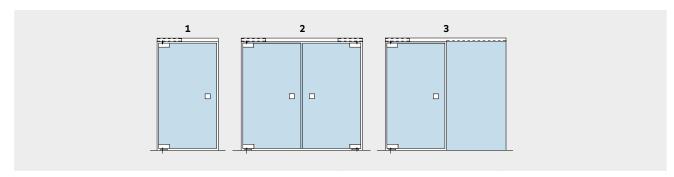
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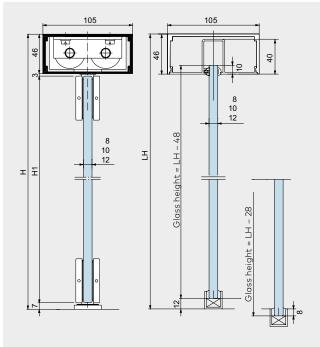
Contact profile / glass wedge profile, depending on combination for 8, 10 or 12 mm glass thicknesses of the sidelight

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

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

Door panel dimensions

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

Sidelight dimensions

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

Also with door rails available

max. height	max. width	max. door weight (incl. fittings)	RTS version	
2,500	800-1,100	80 kg	RTS EN 3	1
3,500	max. 1,250	110 kg	RTS EN 4	with door rails top and bottom see detail sheets 04-030 and 04-060

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

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Double-action system for glass doors

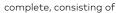
Product description

Art. No.

Double-action system for glass doors

01.300

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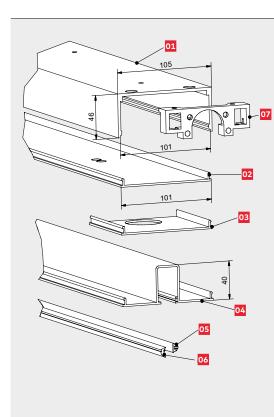


- 1 transom tube length 1,000 mm;
- 1 cover profile length 1,000 mm;
- 1 RTS 85 transom closer; EN3, hold open 90° (For door widths less than 800 mm, door closers of spring strength EN 2 may also be used. Please indicate requirement when ordering.)
- 1 fixing bracket;
- 1 bottom patch fitting PT 10;
- 1 top patch fitting PT 22;
- 1 floor pivot bearing

Weight in kg: 8.083

When ordering, please indicate the precise system dimensions or attach a corresponding drawing.

154



Product description

Art. No.

01.306

01

Transom tube

for fixing at ceiling, as lintel, or similar,

stock length 6,000 mm 01.301 in fixed lengths 01.311

RP

Weight in kg/m:

Aluminum 1.620

02

Cover profile

for door area, clip-on

stock length 6,000 mm 01.302 in fixed lengths 01.305

Weight in kg/m:

Aluminum 0.610

03

Cover plate

with cut-out for door closer spindle

length 90 mm **01.303**

Weight in kg:

Aluminum 0.056

04

Cover profile with glass grove

to clip on

Art.No. 01.301 / 311,

05 / 0

Contact profile or

glass wedge profile

in 2 resp. 4 mm thicknesses, depending on combination for 8, 10 or 12 mm glass thickness of the sidelight

stock length 6,000 mm 01.304 in fixed lengths 01.314

Weight in kg:

Aluminum 0.810

07

Fixing bracket

for securing transom tube and closer

Weight in kg:

Aluminum 0.080

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Accessories

Pull handles, door knobs and recessed pull grip

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

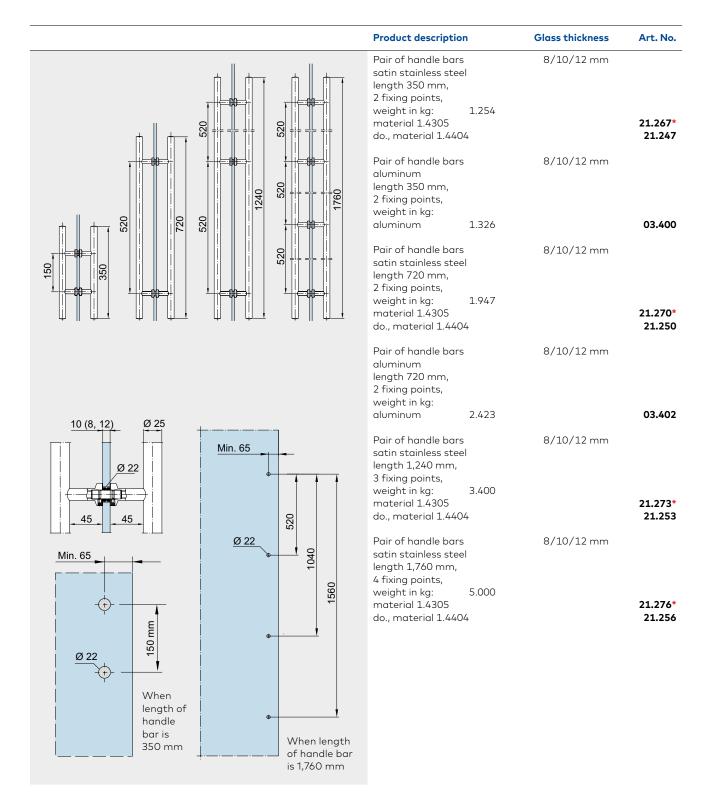
The pull handles can be fixed to both sliding and pivoting (swing) doors on one face using the appropriate connectors or on both faces by through-bolting (back-to-back arrangement).

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.



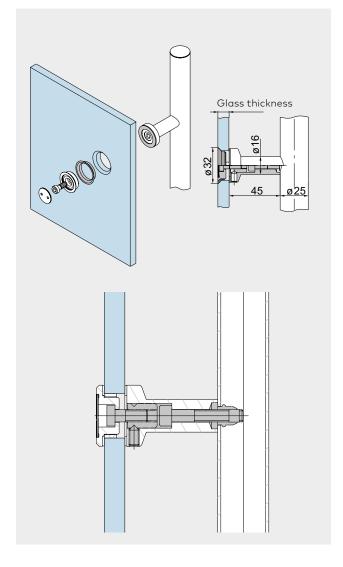


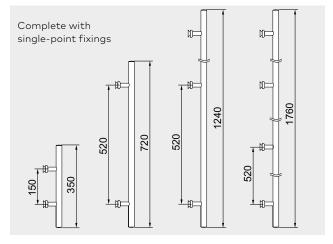
^{*} Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see unter "Spacing adjustment for pull handles and door knobs", page 217.

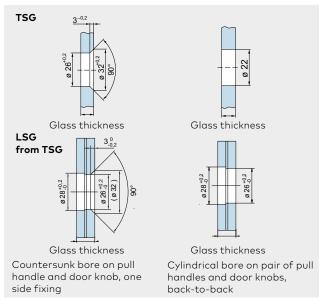
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Pull handles single

Product description	Glass thickness	Art. No.
Pull handles with single-point fixings, countersunk Edelstahl 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 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L	8/10/12 mm	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 Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L Pull handle 1,240 mm with 3 fixings, material 1.4305 Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L	8/10/12 mm	21.240 21.241 21.281 21.242 21.243 21.283







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Spacing adjustment for pull handles and door knobs

		Product description	Door thickness	Art. No.
		Conversion set 1 for glass doors, pair of pull handles / knob back-to-back	13.5 – 21.5 mm	21.285
		without distance washer	13.5 mm	
		with 1 distance washer	15 mm	
		with 2 distance washers with 3 distance washers	17.5 mm 19 mm	
Distance washer 2 mm		with 4 distance washers	21.5 mm	
		Conversion set 2 for timber doors, pair of pull handles / knob back-to-back	20 – 40 mm	21.286
		without distance washer	20 mm	
	3	with 1 distance washer with 2 distance washers	25 mm 30 mm	
		with 3 distance washers	35 mm	
		with 4 distance washers	40 mm	
Distance washer 5 mm				
		Conversion set 3 for glass / timber		21.287
-/		doors*,		
	6	pair of pull handles / knob back-to- back, countersunk 15 - 40 mm glass /		
		timber thickness		
		christi chickness		21.288
		Conversion set 4 for glass / timber		
	6	doors*, pair of pull handles / knob back-		
O		to-back, clamping disc 15 - 40 mm glass / timber thickness		
Set 3	Set 4	glass / timber thickness		
		Conversion set 5 for glass doors*,		21.295
		recessed pull grip		
		13.5 - 21.5 mm glass thickness		
	6	Conversion set 6 for timber doors*,		21,296
0		recessed pull grip		21.270
		20 - 40 mm timber thickness		
6				
Set 5	Set 6			
Jet J	500			
		Conversion set 7 for glass / timber doors*, for pull handles fixed on both		21.297
		sides to pull handle fixed on one side,		
		countersunk 8 - 40 mm glass / timber		
		thickness		
		1 set per pull handle fixing		
		Conversion set 9 for slave / timber		24 200
		Conversion set 8 for glass / timber doors*, for pull handles fixed on both		21.298
9	6	sides to pull handle fixed on one side,		
		clamping disc 8 - 40 mm glass / timber		
6	9	thickness		
Set 7	Set 8	1 set per pull handle fixing		

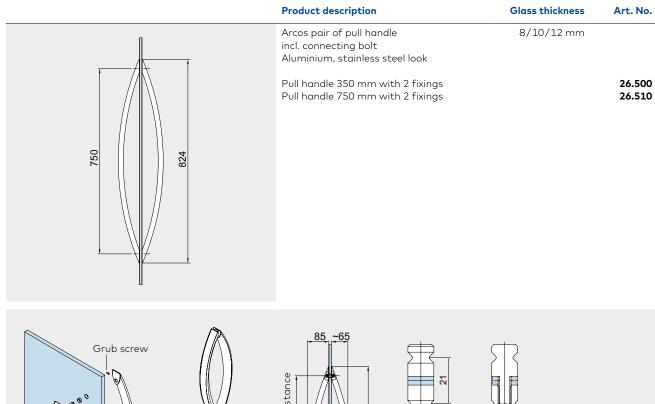
^{*}Not suitable for Arcos pull handles 26.500 / 26.510

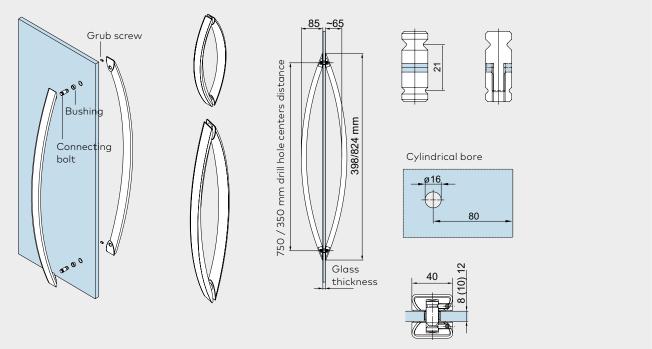
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Pair of pull handles

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

Arcos pull handle





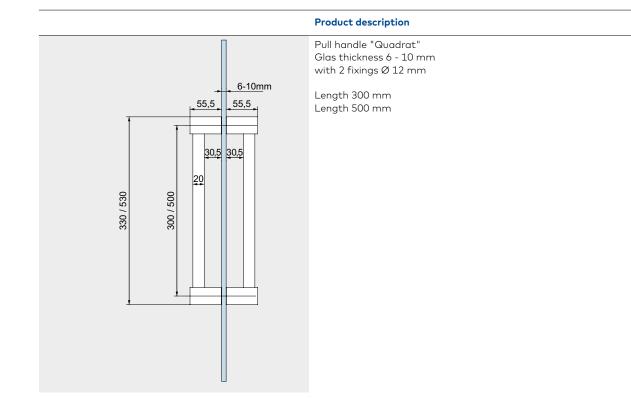
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Art. No.

75.084

75.085

Handle bars



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Recessed pull grips and door knobs

	Product description	Glass thickness	Art. No.
Ø 38 mm Glass bore	Recessed pull grip Ø 50 mm	8/10/12 mm	21.290
	Recessed pull grip Ø 60 mm	8/10/12 mm	21.291
Ø 50 mm Glass bore	Recessed pull grip with grip hole Ø 60 mm	8 mm 10 mm 12 mm	21.292 21.293 21.294
Ø 50 mm Glass bore	Recessed pull grip aluminum to be glued onto the glass Weight in kg: 0.072		07.200
\emptyset 20 mm Glass bore	Door knob, aluminum Weight in kg: 0.400		07.201
Glass thickness Glass thickness Glass thickness	Door knob one side fixing Door knob with single-point fixing, countersunk Door knob with single-point fixings, clamping disc	8/10/12 mm	21.422 21.426
Single-point fixing (Glass preparation please see under "pull handles single", page 216)	Door knob back-to-back	8/10/12 mm	21.423

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

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Accessories / Assembling aid

Product description	Art. No.
Assembling tool for MANET single-point fixing	21.134
Clip-on cover for single-point fixing with spring, 5 pieces material 1.4305 do.material 1.4404	29.217 29.219
Drilling jig for MANET single-point fixing serie S32/35	21.137

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Space for your notes

Finishes and colours

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

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

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

Safety-related information

Important safety-related information for the mounting and use of dormakaba 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

- dormakaba recommends the use of TSG-H (heat-stored tempered safety glass) according to DIN EN 12150-1.
- dormakaba glass fittings are not suitable for outdoor installation.
- 3. dormakaba 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 positionwill be.
- 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 dormakaba 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.
- Never use clamping shoes on structured glass surfaces (except on satined glass) or glass of heavily varying thickness unless with a corresponding levelling layer.
- 6. Never use clamping shoes on self-cleaning coatings.
- 7. When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hart components such as glass, metal or concrete.
- 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 class 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 dormakaba "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.

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Door Hardware



Electronic Access & Data



Mechanical Key Systems



Lodging Systems



Entrance Systems



Interior Glass Systems



Safe Locks



Service

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2021 Manual Single

