



Manual Single- and Double- Action Door Systems

Technical brochure 2021

STUDIO
OFFICE
BEYOND
TENSOR
VISUR
RP

dormakaba 

Content

Single-Action Door Systems



08 **STUDIO Rondo**



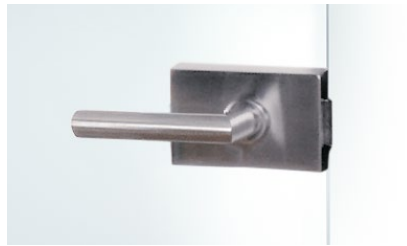
24 **STUDIO Classic**



34 **STUDIO Gala 2.0**



42 **STUDIO Arcos**



52 **STUDIO Medio**



60 **OFFICE Junior**



68 **OFFICE Classic**



76 **OFFICE Mundus**



82 **OFFICE Arcos**



94 **Special Hinges**



100 **Accessories**



114 **Range of levers**

Double-Action Door Systems



122 **BEYOND**



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.

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

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

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

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

3) max. 2125 mm standard dimension / max. 2108 mm frame rebate dimension

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

● Standard ○ Optional

| 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, 40 ¹⁾ | 24, 40 | 24, 40 | 24, 40 | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | ● | | | | |
| ● | ● | ● | ● | ● | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | | | |
| ● | ● | ● | ● | | | ● | ● | ● |
| ● | ● | ● | ● | | | ● | | |
| SA | SA | SA | SA | SA | SA / DA | DA | DA | SA / DA |
| ○ | ○ | ○ | ○ | | ●** | ● | ● | ● |
| 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 |



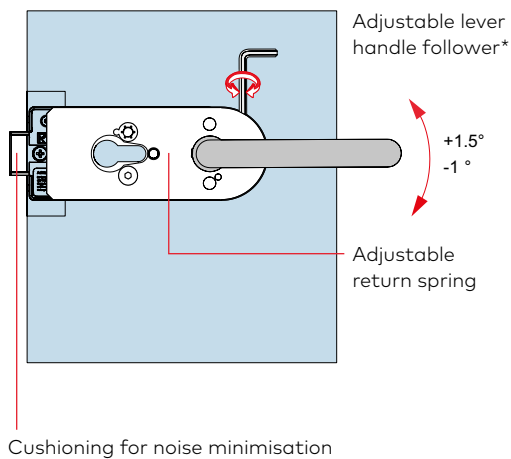
STUDIO Rondo

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 $+1,5^\circ / -1^\circ$, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

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

New standard lock functions



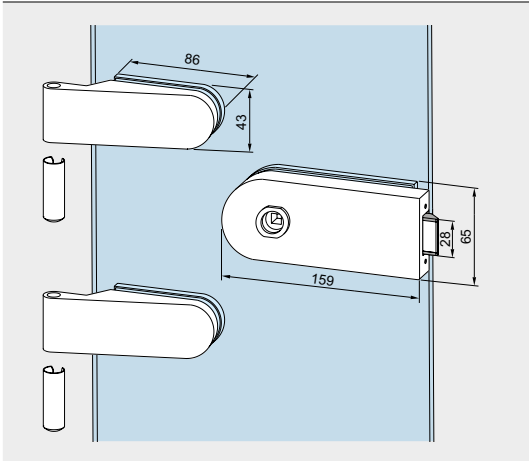
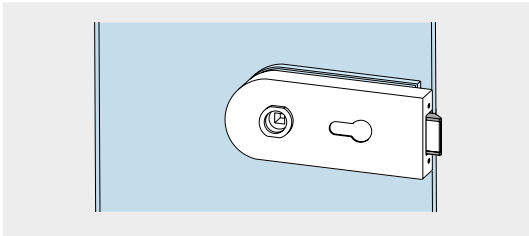
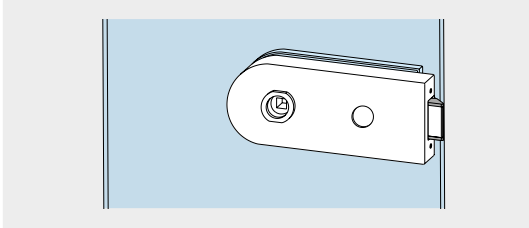
Complete doorsets for 8 and 10 mm glass thickness, locks with follower

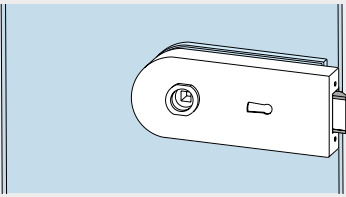
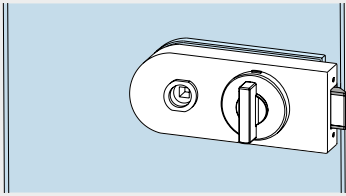
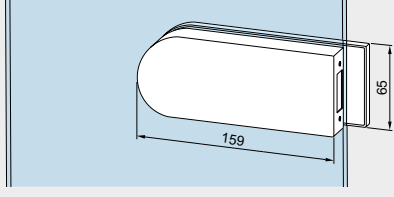
Complying to DIN EN 12209 (see page 6).

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

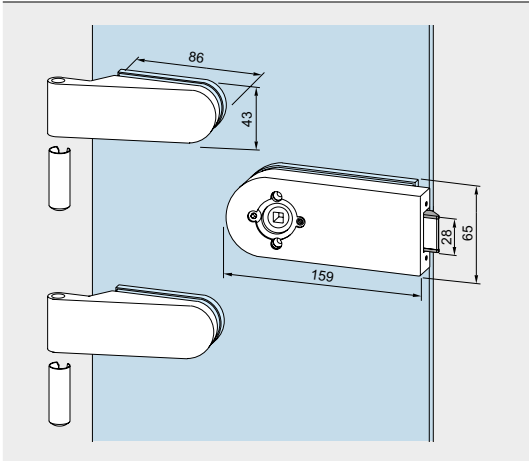
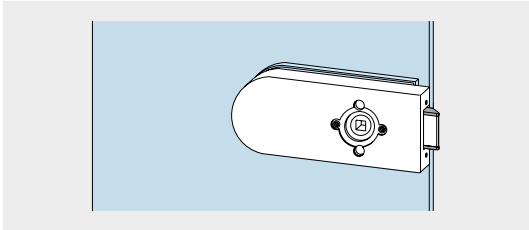
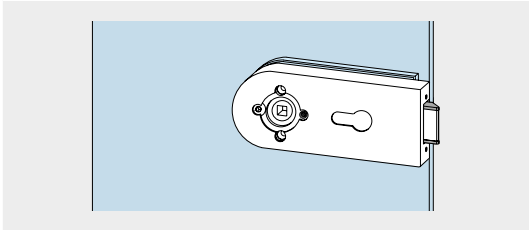
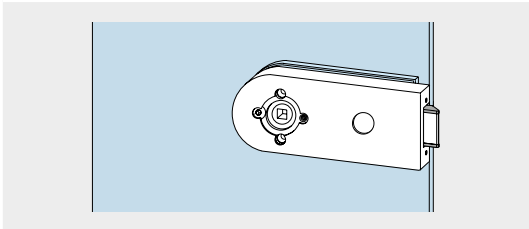
| | Product description | Glass thickness | Art. No. |
|---|---|-----------------|--------------------------------|
|  | <p>Lock with 2 hinges lever lock, nightlatch function, 2 keys supplied, hinges with sleeves, extended colour options</p> <p>Weight in kg: Aluminum 1.630 Brass 2.530</p> | 8 mm 10 mm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

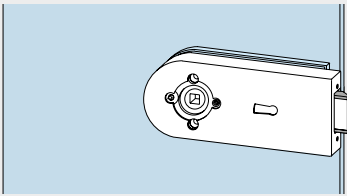
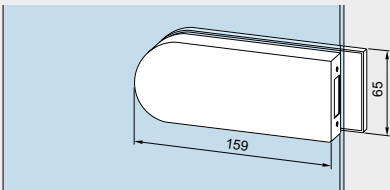
Complete doorsets for 8 mm glass thickness, locks for levers with roses

Complying to DIN EN 12209 (see page 6).

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

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

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

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

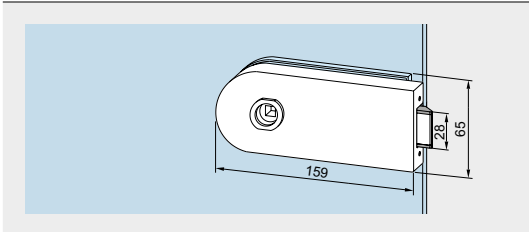
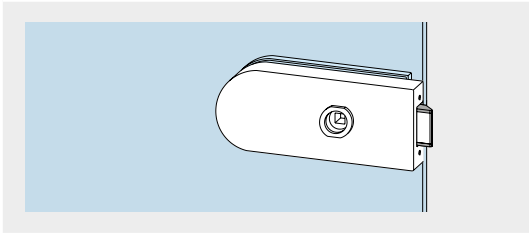
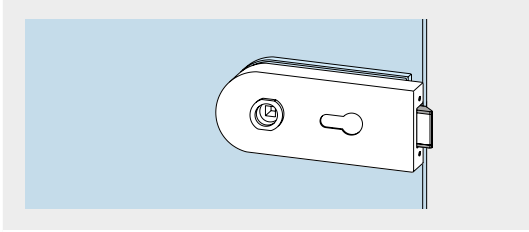
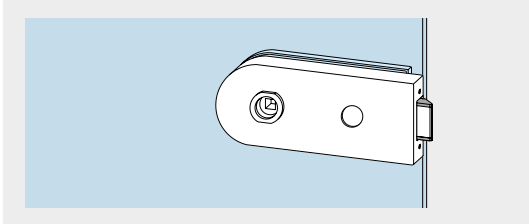
Locks with follower

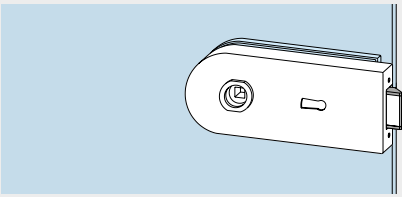
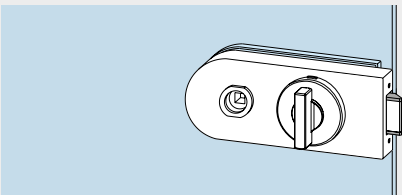
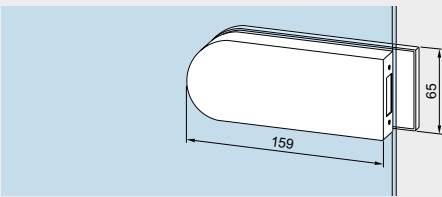
Complying to DIN EN 12209 (see page 6).

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.

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

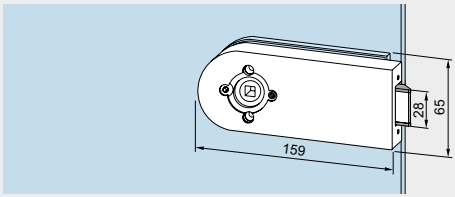
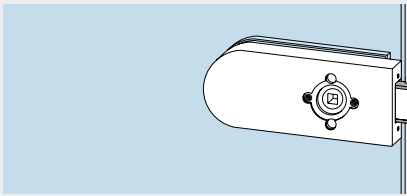
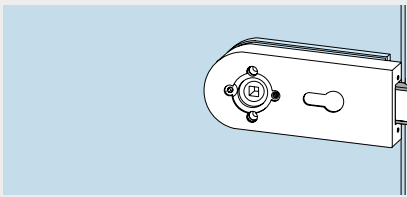
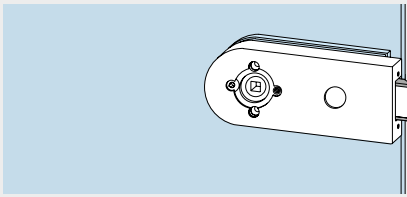
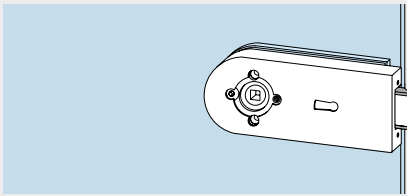
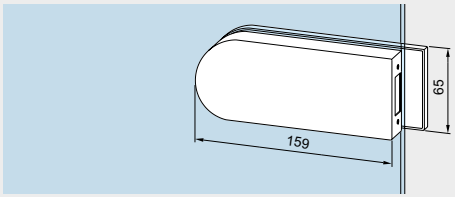
| | Product description | Art. No. |
|---|---|----------------------|
|  | <p>Lock lever lock, nightlatch function, 2 keys supplied, extended colour options</p> <p>Weight in kg: Aluminum 0.850 Brass 1.090</p> | <p>10.203</p> |
|  | <p>Lock WC-toilet door, extended colour options</p> <p>Weight in kg: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

Locks for levers with roses

Complying to DIN EN 12209 (see page 6).

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

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

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

Space for your notes

Hinges for 8 mm glass thickness

Door width max. 1,000 mm

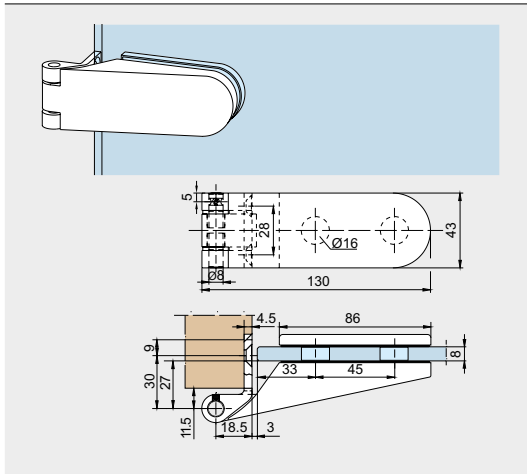
| | Product description | Art. No. |
|--|---|---|
| | <p>Hinge with frame pivot complete with sleeve, to suit rebate depth 24 mm, extended colour options door weight max. 60 kg</p> <p>Weight in kg: Aluminum 0.319 Brass 0.688</p> | <p>10.230</p> |
| | <p>Hinge with frame pivot complete with sleeve, to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

Hinges for 8 mm glass thickness

Door width max. 1,000 mm

Product description

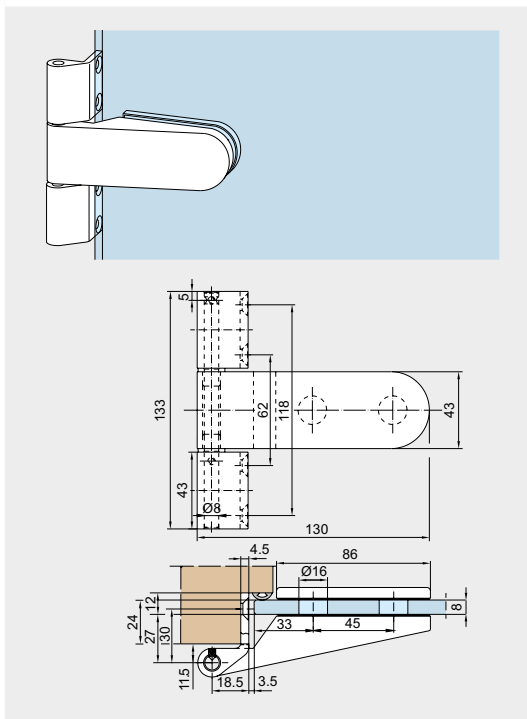
Art. No.



Hinge with frame pivot for wooden frames,
hinge flap for mortising into frame,
stainless steel pin,
door weight max. 45 kg

10.232

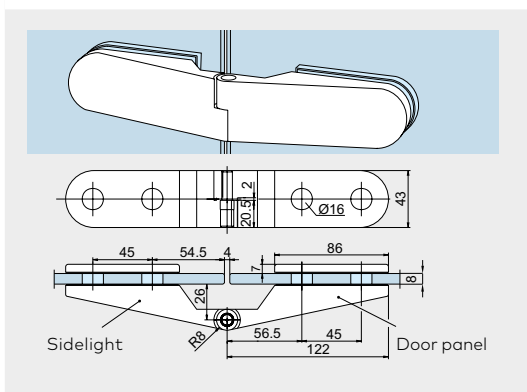
Weight in kg:
Aluminum 0.321



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

10.235

Weight in kg:
Aluminum 0.433



Hinge for mounting onto sidelights,
stainless steel pin,
door weight max. 45 kg

10.244 L
10.246 R
(not illustr.)

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

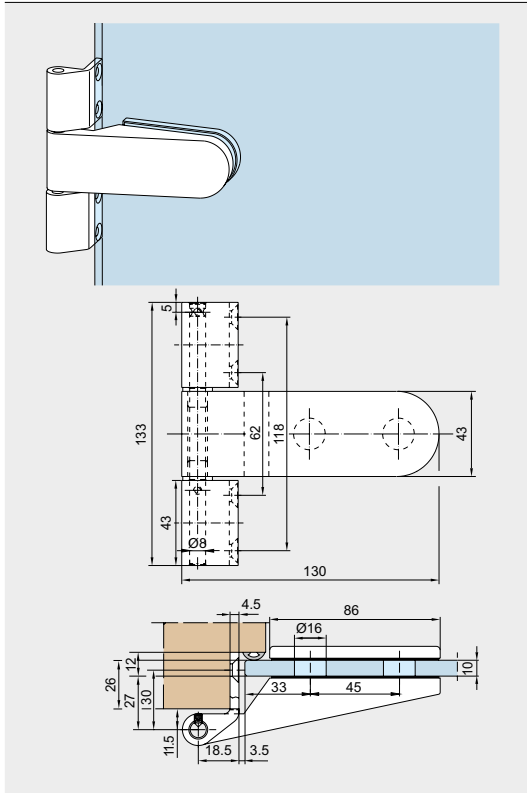
| | Product description | Art. No. |
|--|--|----------------------|
| | <p>Hinge with frame pivot complete with sleeve, rebate depth 26 mm, extended colour options, door weight max. 60 kg</p> <p>Weight in kg: Aluminum 0.319 Brass 0.688</p> | <p>10.236</p> |
| | <p>Hinge with frame pivot for wooden frames,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

Hinges for 10 mm glass thickness

Door width max. 1,000 mm

Product description

Art. No.

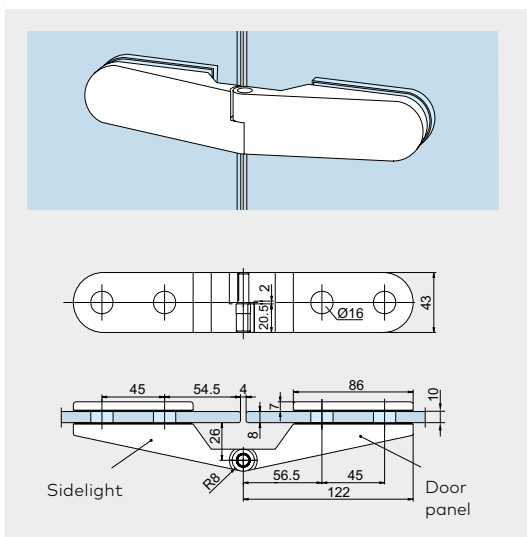


Strengthened hinge with frame pivot for wooden frames,

10.239

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

10.245 L
10.247 R
(not illustr.)

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.

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 |



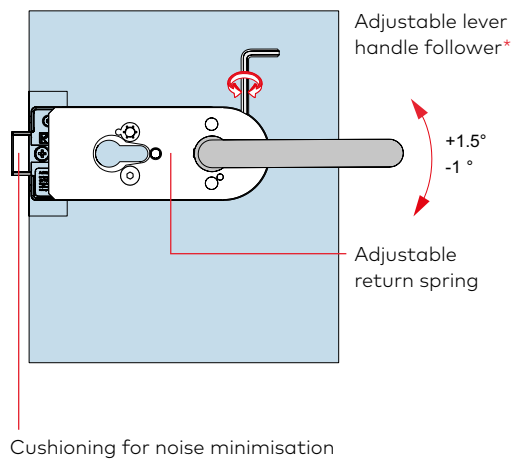
STUDIO Classic

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 $+1,5^{\circ} / -1^{\circ}$, patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209.
- Moreover these locks were tested successfully by a neutral testing institute with 200,000 latch and 200,000 locking bolt operating cycles.

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

New standard lock functions

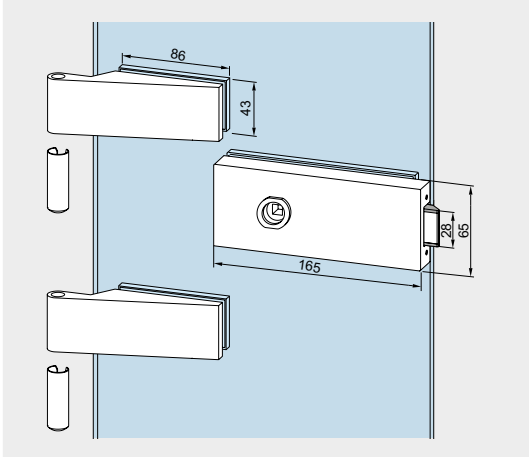
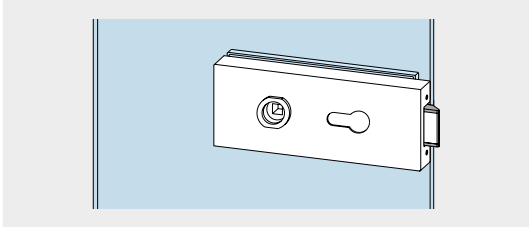
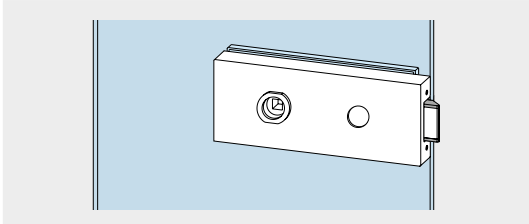


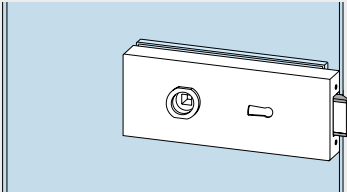
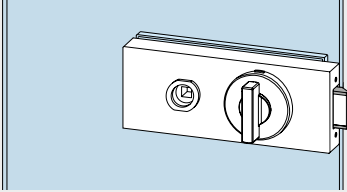
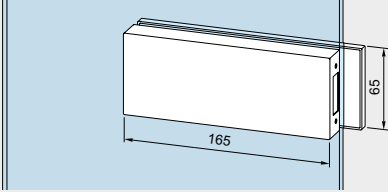
Complete doorsets for 8 and 10 mm glass thickness, locks with follower

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

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

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

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

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

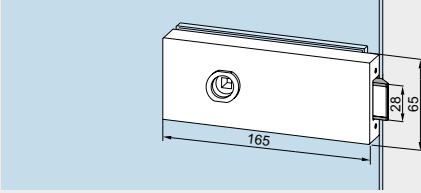
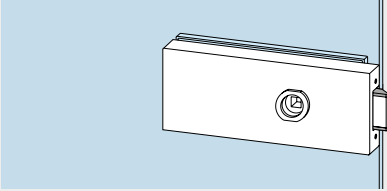
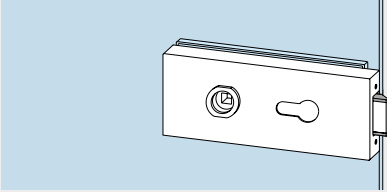
Locks with follower

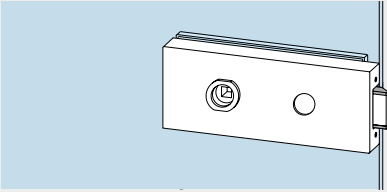
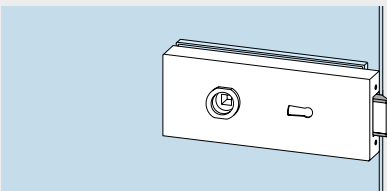
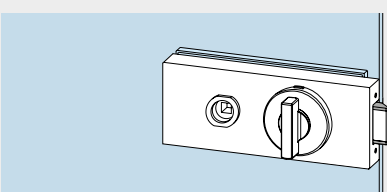
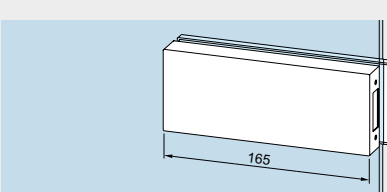
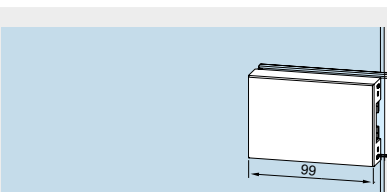
Complying to DIN EN 12209, with regard to type test (see page 6),

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.

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

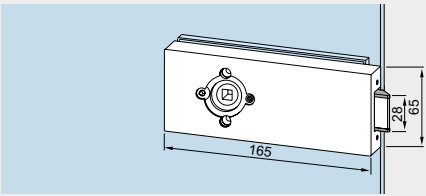
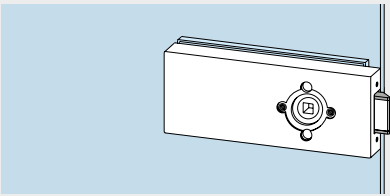
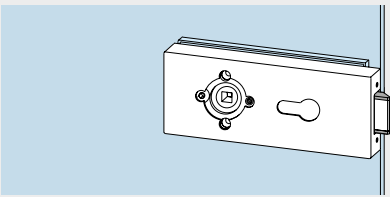
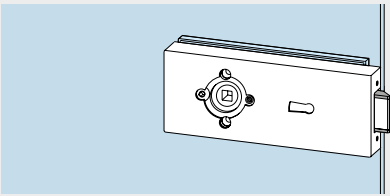
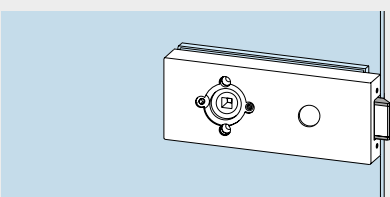
| | Product description | Art. No. |
|---|--|----------------------|
|  | <p>Lock prepared for round profile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.813</p> | <p>10.007</p> |
|  | <p>Lock lever lock, nightlatch function, 2 keys supplied</p> <p>Weight in kg: Aluminum 0.850</p> |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

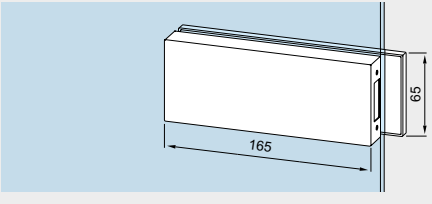
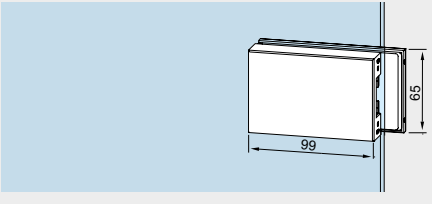
Locks for levers with roses

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

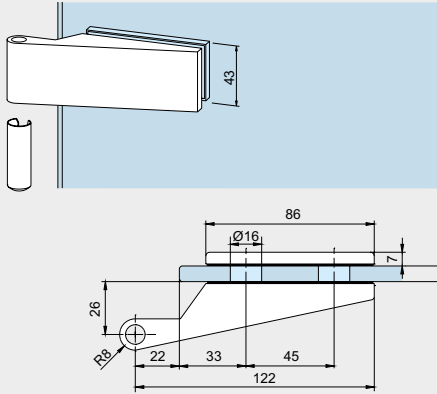
Hinges see page 33.

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.

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

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

Door hinges for 8 mm and 10 mm glass thickness

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

Content

STUDIO Gala 2.0

| | |
|-----|-----------------------------------|
| 36 | Technical Features |
| 38 | Complete doorsets |
| 39 | Components (Locks, hinges) |
| 58 | Type illustrations |
| 100 | Accessories |
| 114 | Range of levers |
| 169 | Safety-related information |



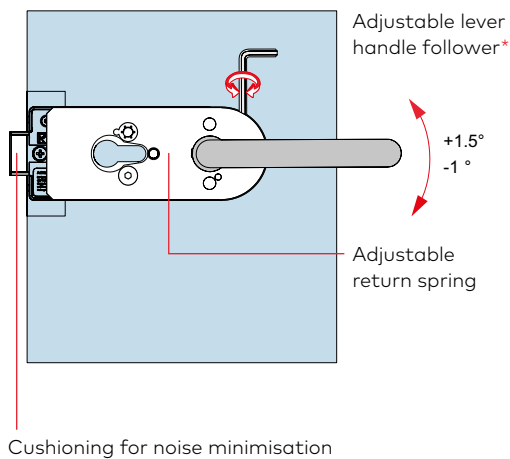
STUDIO Gala 2.0

Technical features

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

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

New standard lock functions

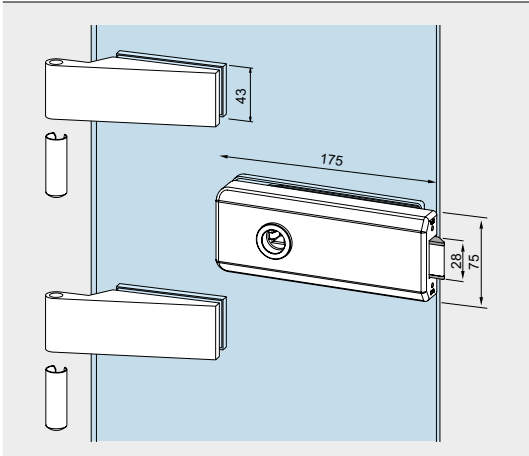
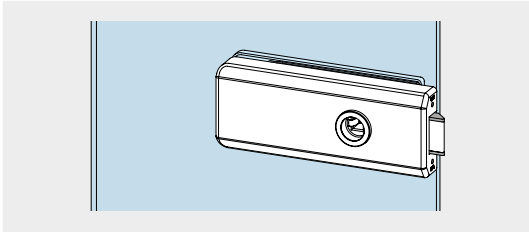
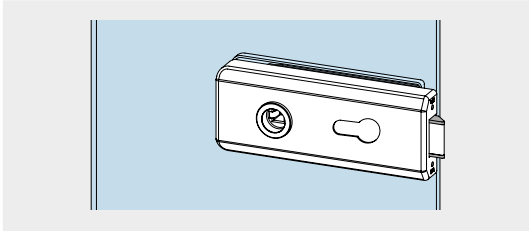
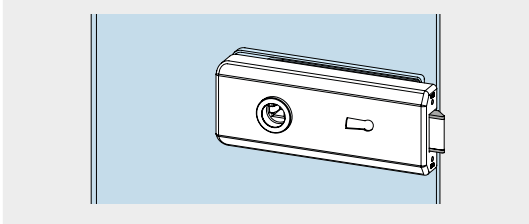


Complete doorsets for 8 mm glass thickness, locks with follower

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

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

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

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

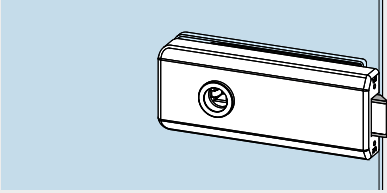
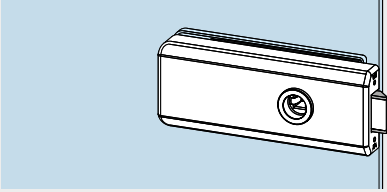
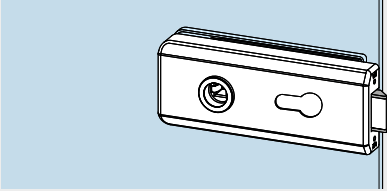
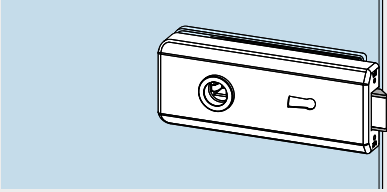
Locks with follower

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.

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

Door hinges

| | Product description | Glass thickness | Art. No. |
|--|--|-----------------|----------------|
| | Hinge with frame pivot complete with sleeve 24 mm rebate depth | 8 mm | 10.021 |
| | 26 mm rebate depth Weight in kg: Aluminum 0.319 | 10 mm | 10.020 |
| | Hinge for frame pivots with sleeve bolt steel zinc-plated panel weight max. 80 kg Weight in kg: Aluminum 0.358 | | 11.288* |
| | * Finish satin stainless steel (700) not usable with 11.405 (page 103). | | |

Space for your notes

Content

STUDIO Arcos

| | |
|-----|-----------------------------------|
| 44 | Technical Features |
| 46 | Complete doorsets |
| 48 | Components (Locks, hinges) |
| 58 | Type illustrations |
| 100 | Accessories |
| 114 | Range of levers |
| 169 | Safety-related information |



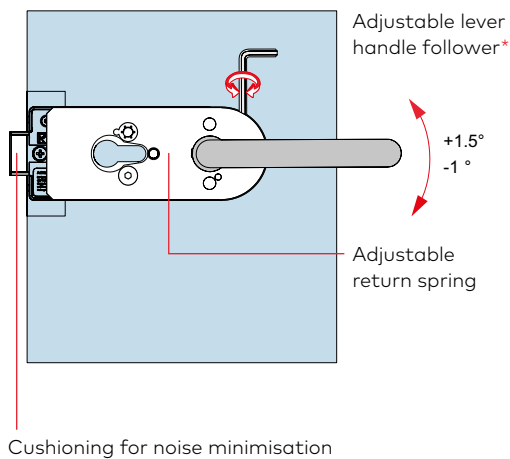
STUDIO Arcos

Technical features

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

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

New standard lock functions



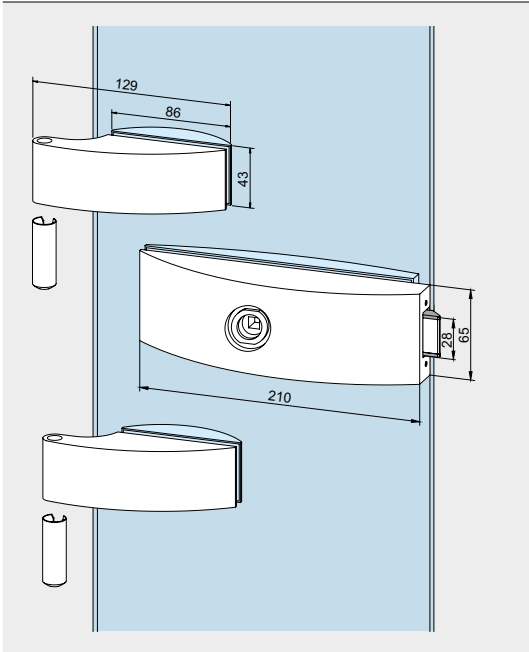
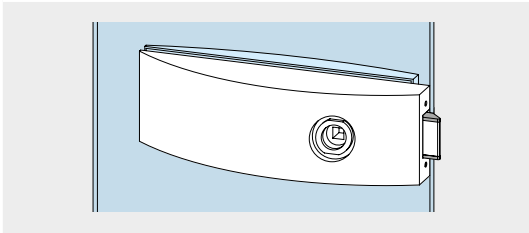
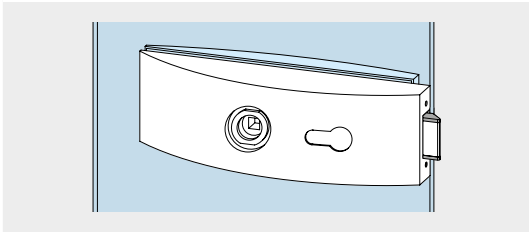
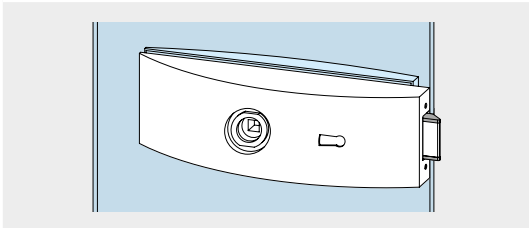
Complete doorsets for 8 mm glass thickness, locks with follower

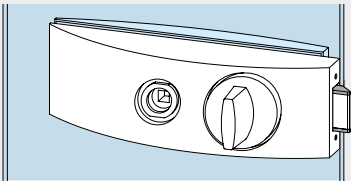
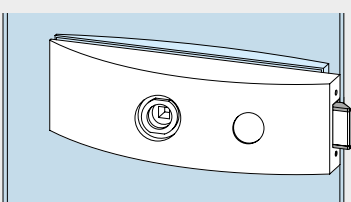
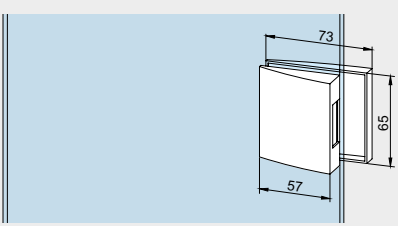
Locks acc. to DIN 12209, according to type testing (see page 6).

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.

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

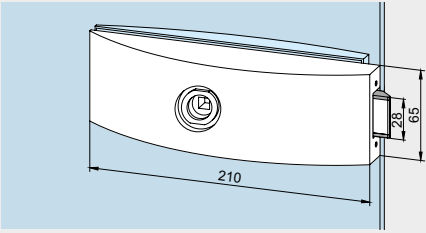
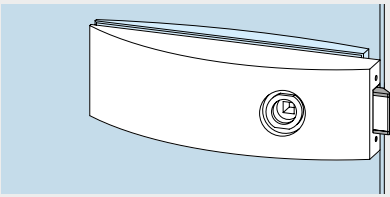
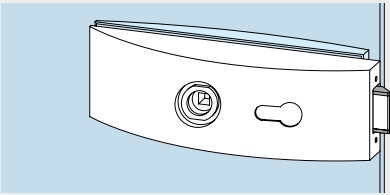
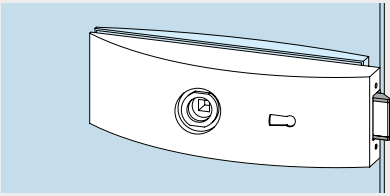
| | Product description | Glass thickness | Art. No. |
|---|---|-----------------|---------------|
|  | <p>Lock with 2 hinges WC-toilet door, hinges with sleeves</p> <p>Weight in kg: Aluminum 1.716</p> | 8 mm | 24.106 |
|  | <p>Lock with 2 hinges prepared for round profile cylinder, hinges with sleeves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

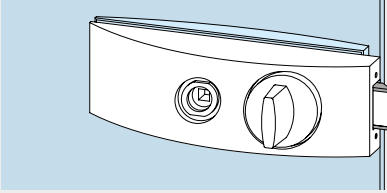
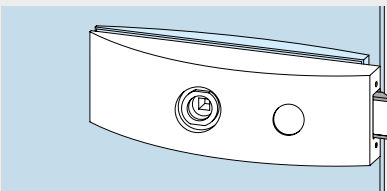
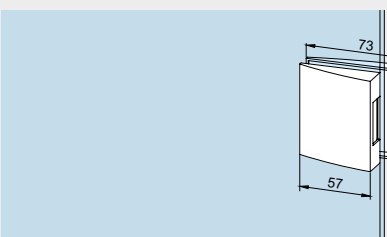
Locks with follower

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.

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

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

Hinges

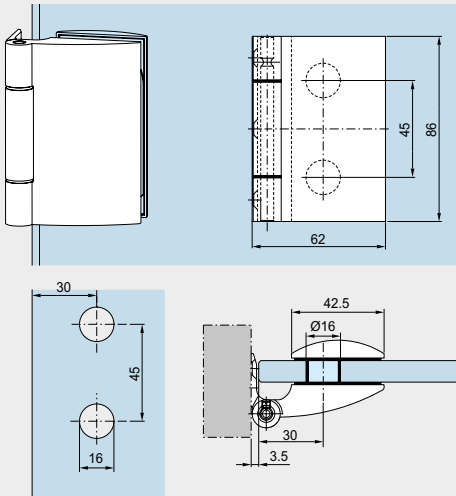
for 8 mm glass thickness, for rebate depth 24 mm. Door width max. 1,000 mm.

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

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

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

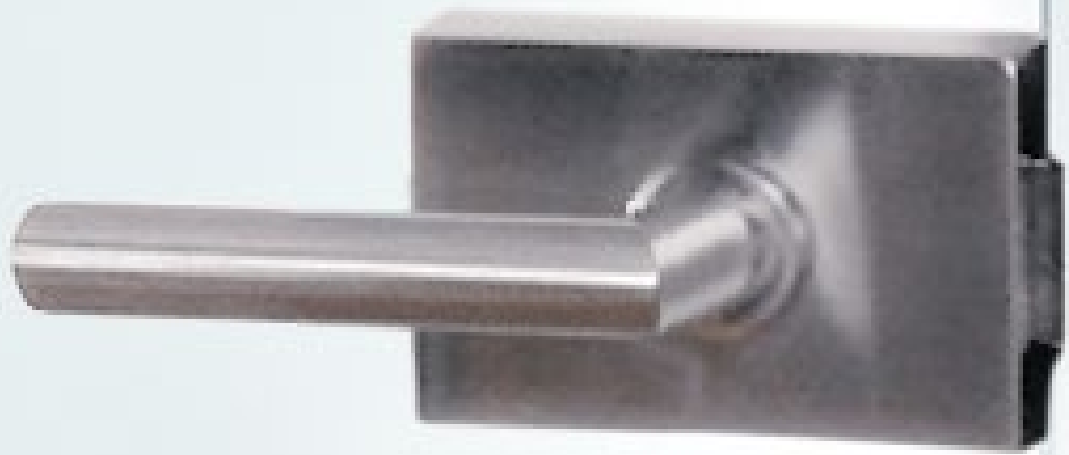
Special hinges

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

Content

STUDIO Medio

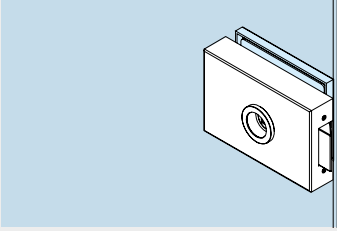
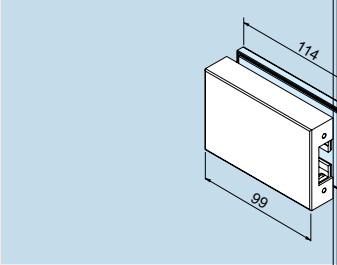
| | |
|-----|-----------------------------------|
| 54 | Components |
| 58 | Type illustrations |
| 100 | Accessories |
| 114 | Range of levers |
| 169 | Safety-related information |



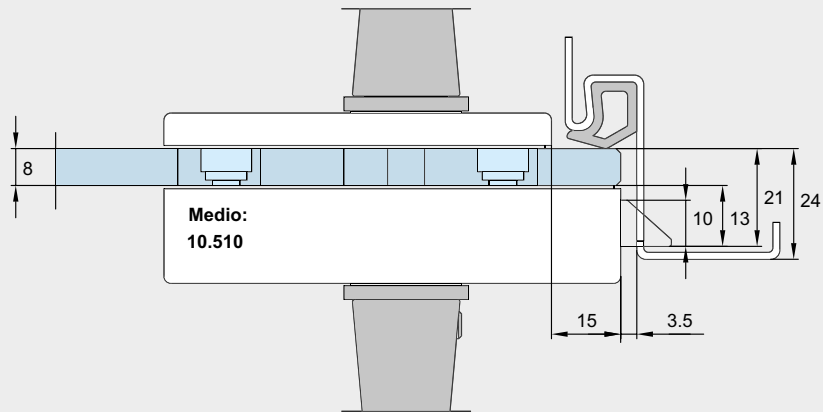
STUDIO Medio

Locks with follower

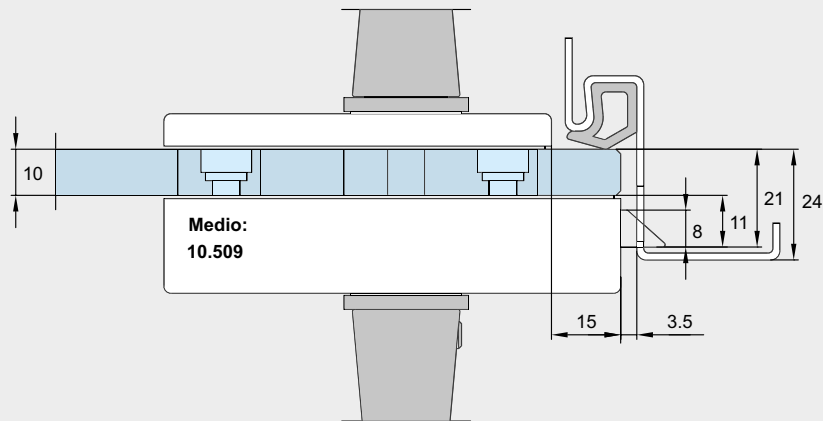
Locks for 8 + 10 mm glass thickness / 24 mm rebate depth

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

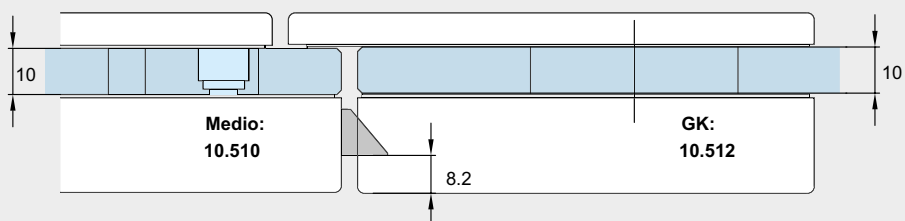
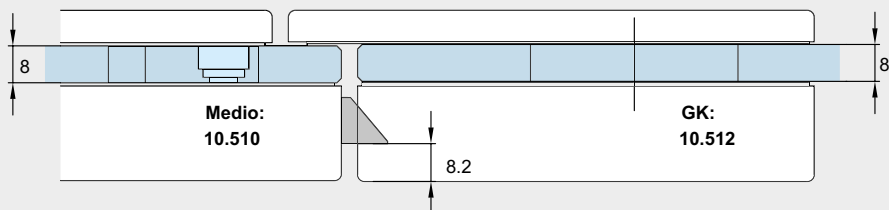
For 8 mm glass thickness in 24 mm rebate depth



For 10 mm glass thickness in 24 mm rebate depth



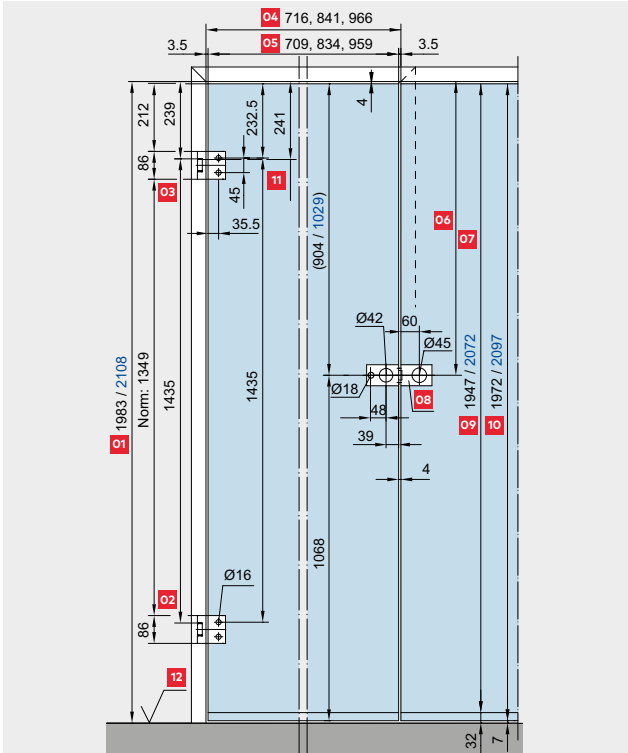
Applications with an occasional door/sidelight:



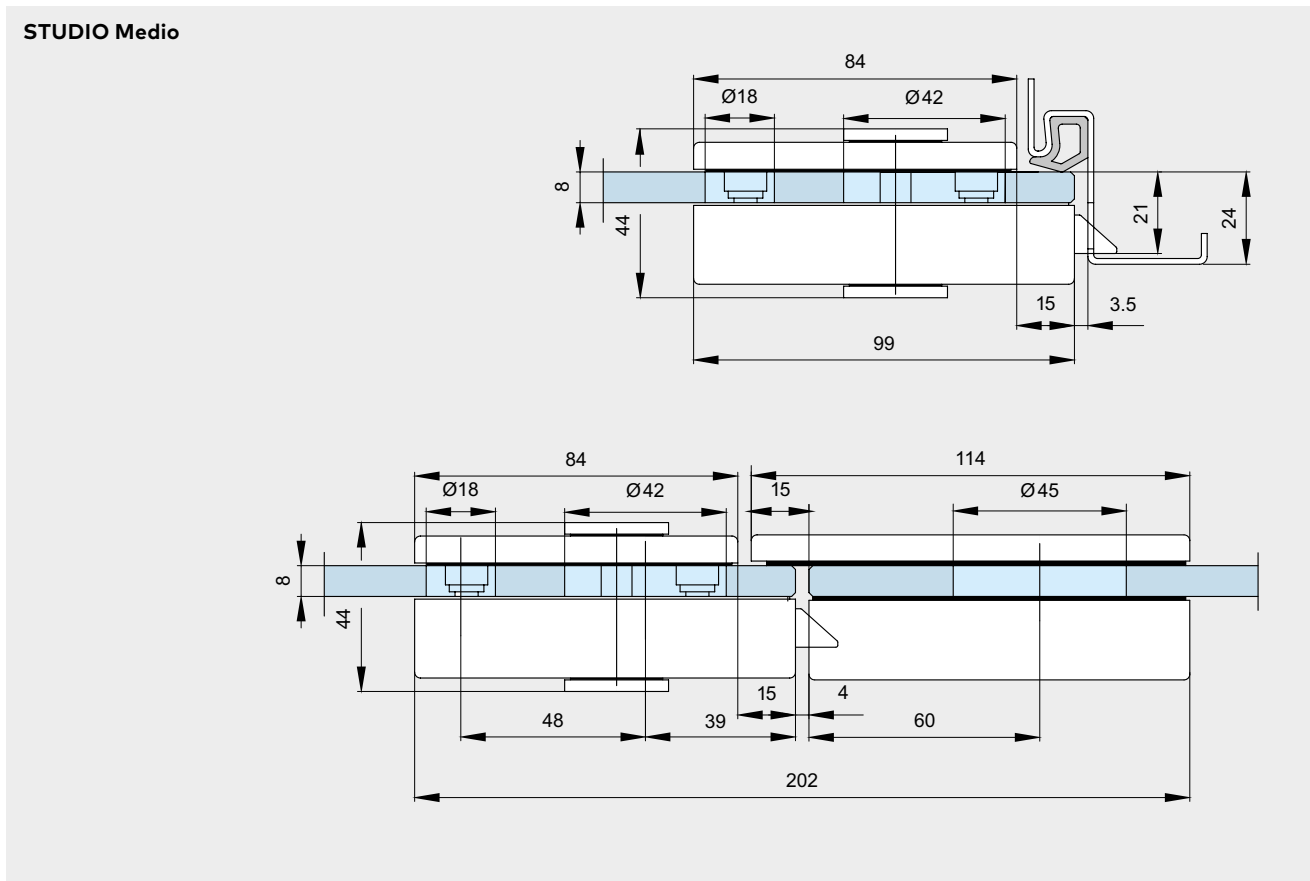
Applications with an occasional door / sidelight are always designed with lock type 10.510 for 8 mm glass, irrespective of whether the glass thickness is 8 mm or 10 mm.

Installation details and sections for frame pivots

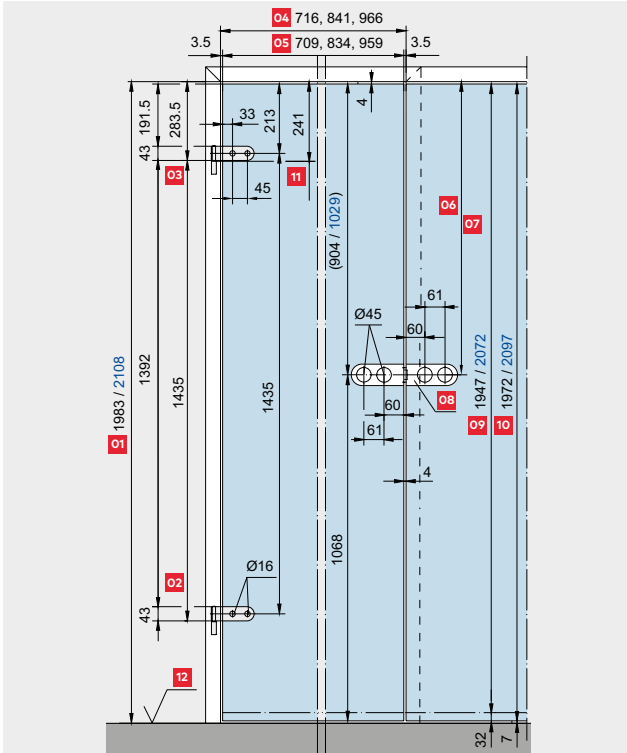
STUDIO Medio



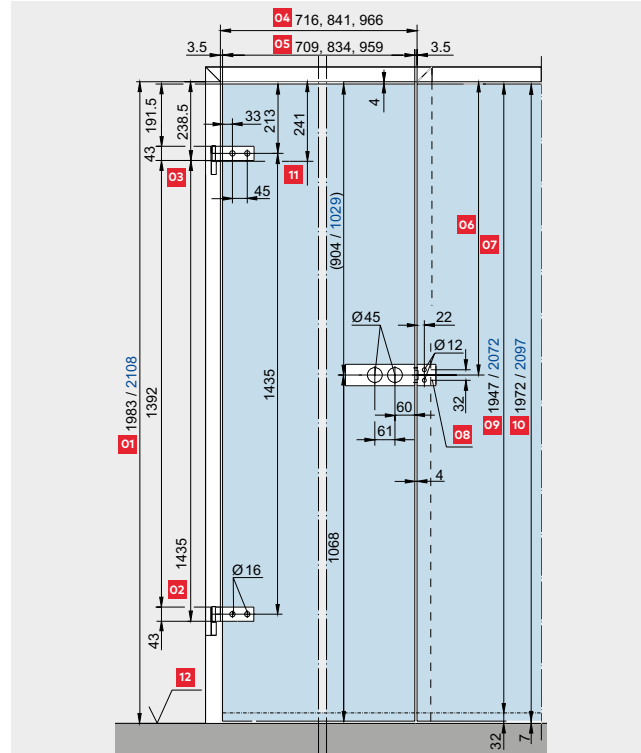
01 Frame rebate height 02 Standard hinge support to DIN 18 111 03 Standard hinge support 04 Frame rebate width 05 Glass width 06 Centre lock bolt 07 Usually 908 / 1033 mm for doors 1972 / 2108 mm high 08 Strike box 09 Glass height (type S) 10 Glass height (type N) 11 Hinge datum line to DIN 18 268 12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



STUDIO Rondo
(STUDIO Classic, STUDIO Gala 2.0)



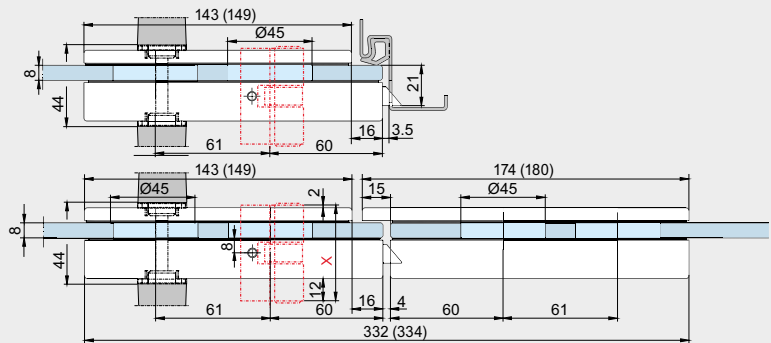
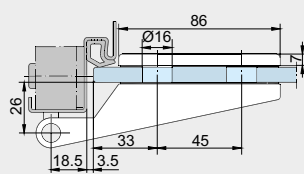
STUDIO Arcos



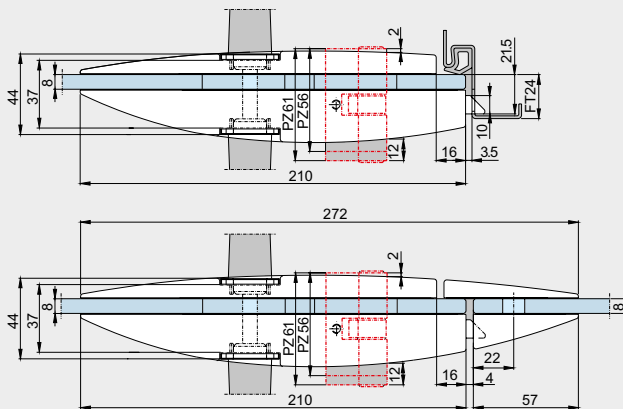
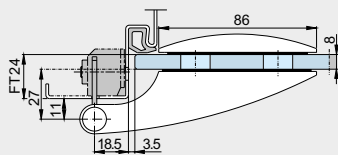
- O1** Frame rebate height **O2** Standard hinge support to DIN 18 111 **O3** Standard hinge support **O4** Frame rebate width
- O5** Glass width **O6** Centre lock bolt **O7** Usually 908 / 1033 mm for doors 1972 / 2108 mm high **O8** Strike box
- O9** Glass height (type S) **O10** Glass height (type N) **O11** Hinge datum line to DIN 18 268 **O12** Finished floor level (FFL)

STUDIO Rondo
(STUDIO Classic,
STUDIO Gala 2.0)

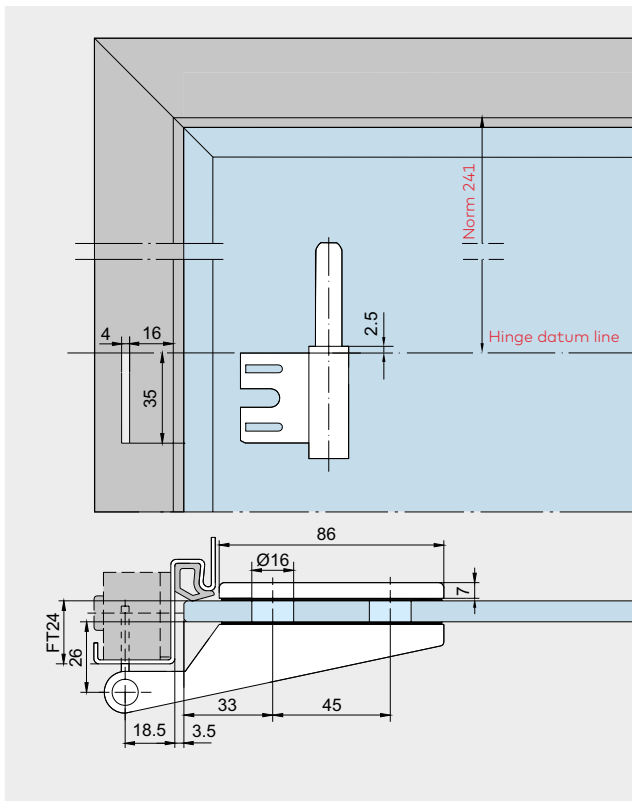
X = 51er PZ



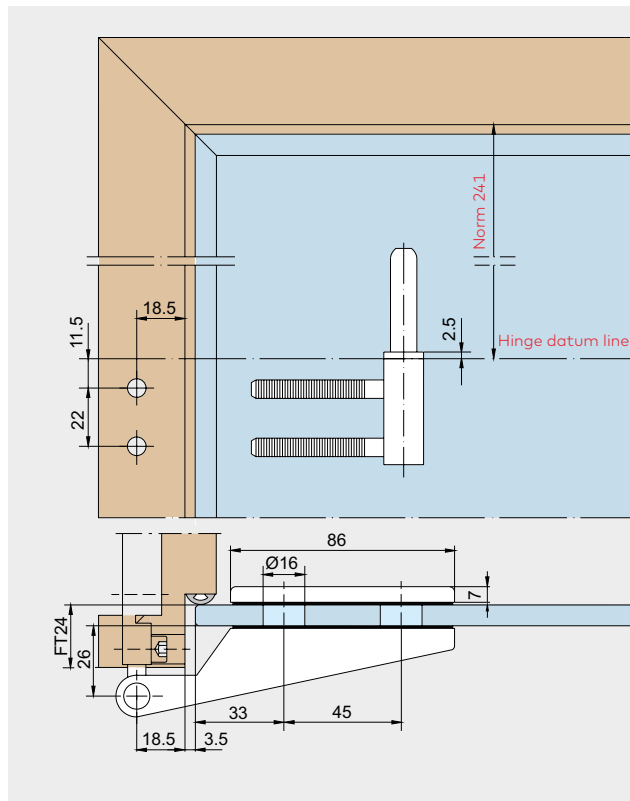
STUDIO Arcos



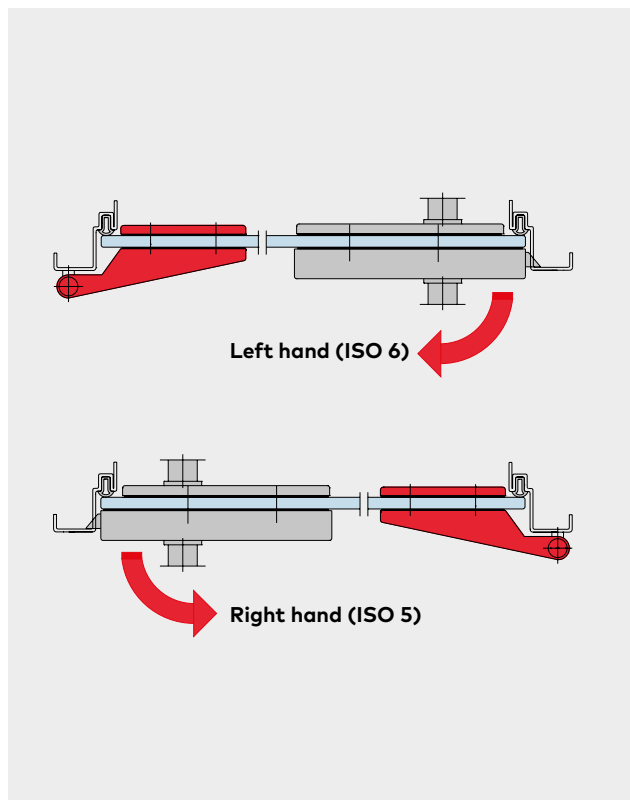
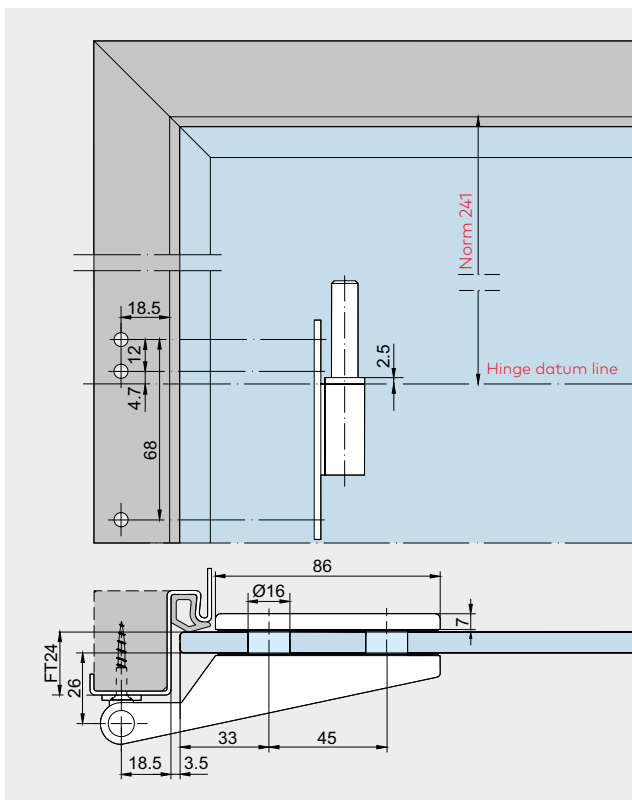
Frame pivots for steel frames



Frame pivots for wooden frames



Screw on frame pivot



Space for your notes

Content

OFFICE Junior

| | |
|-----|-----------------------------------|
| 62 | Technical features |
| 62 | Components |
| 88 | Type illustrations |
| 100 | Accessories |
| 114 | Range of levers |
| 169 | Safety-related information |



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.

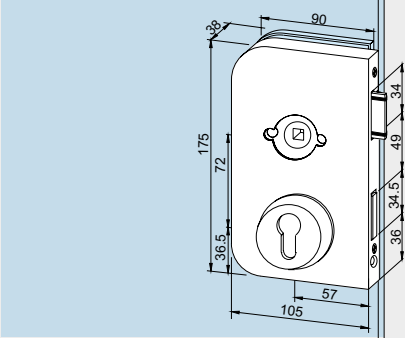
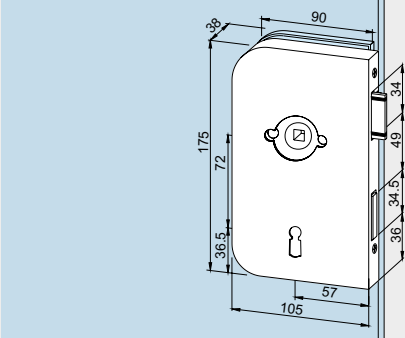
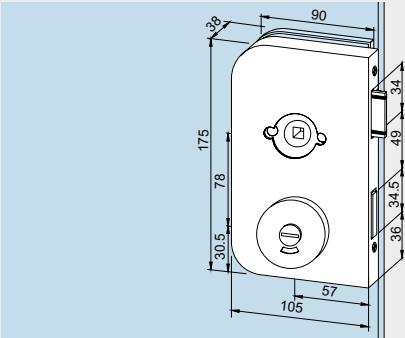
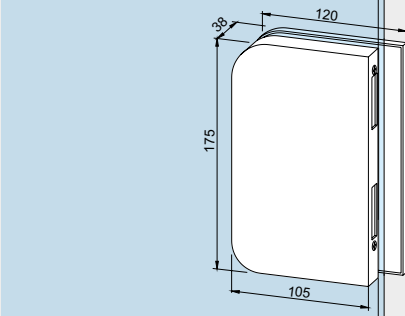
Locks for levers with roses

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. |
|--|--|---|
| | <p>Lock prepared for Europrofile cylinder, nightlatch function, extended colour options, also available stainless steel</p> <p>Weight in kg: Aluminum 1.214 Stainless steel 1.505</p> | <p>11.200 L 11.201 R (not illustr.)</p> |
| | <p>Lock prepared for Europrofile cylinder, nightlatch function, lock corrosion-resistant</p> <p>Weight in kg: Aluminum 1.230</p> | <p>11.210 L 11.211 R (not illustr.)</p> |
| | <p>Lock non-locking, extended colours options, also available in stainless steel</p> <p>Weight in kg: Aluminum 1.210</p> | <p>11.212 L 11.213 R (not illustr.)</p> |

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

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. |
|--|--|---|
| | <p>Lock prepared for Europrofile cylinder, nightlatch function, extended colour options, also available stainless steel</p> <p>Weight in kg: Aluminum 1.165 Stainless steel 1.445</p> | <p>11.260 L 11.261 R (not illustr.)</p> |
| | <p>Lock lever lock, without nightlatch function, 2 keys supplied, also available in stainless steel</p> <p>Weight in kg: Aluminum 1.115 Stainless steel 1.383</p> | <p>11.262 L 11.263 R (not illustr.)</p> |
| | <p>Lock prepared for round profile cylinder, with nightlatch function, 2 keys supplied, also available in stainless steel</p> <p>Weight in kg: Aluminum 1.113 Stainless steel 13.78</p> | <p>11.266 L 11.267 R (not illustr.)</p> |
| | <p>Lock non-locking, also available in stainless steel</p> <p>Weight in kg: Aluminum 1.040 Stainless steel 1.290</p> | <p>11.264 L 11.265 R (not illustr.)</p> |
| | <p>Strike box for OFFICE Junior locks, extended colour options</p> <p>Weight in kg: Aluminum 0.945 Stainless steel 1.335</p> | <p>11.206 L 11.207 R (not illustr.)</p> |

Hinges for frame pivots

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

| | Product description | Art. No. |
|--|--|---------------------------------|
| | <p>Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg</p> <p>Weight in kg: Aluminum 0.358</p> | 11.230* |
| | <p>Hinge for frame pivot complete with sleeve, stainless steel pin, to be used in damp environments, door weight max. 80 kg</p> <p>Weight in kg: Aluminum 0.360</p> | 11.237 |
| | <p>Hinge for frame pivot complete with sleeve, to suit rebate depth 25 – 39 mm, door weight max. 70 kg,</p> <p>Weight in kg: Aluminum 0.530</p> | 11.245 (not illustr.) |
| | <p>Hinge for frame pivot complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg</p> <p>Weight in kg: Aluminum 1.111</p> | 11.238 |

* Finish satin stainless steel (Niro S 700 ST) (700),
not usable with screw-on frame pivot 11.405
(page 103).

Hinges for frame pivots

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

Space for your notes

Content

OFFICE Classic

| | |
|-----|-----------------------------------|
| 70 | Technical features |
| 70 | Components |
| 88 | Type illustrations |
| 100 | Accessories |
| 114 | Range of levers |
| 169 | Safety-related information |



OFFICE Classic

Technical features

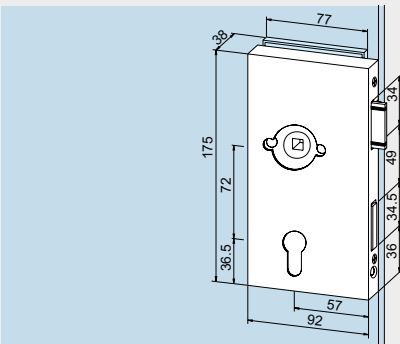
- Lock insert with low-noise "whisper" functionality as standard. The whisper latch (study metal latch – partially plastics-sheathed and damped latch motions for noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.
- Adjustable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

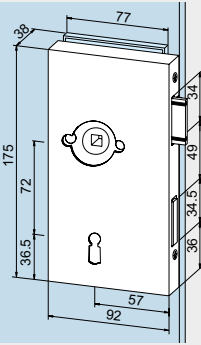
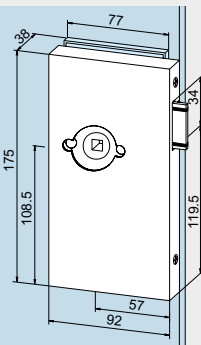
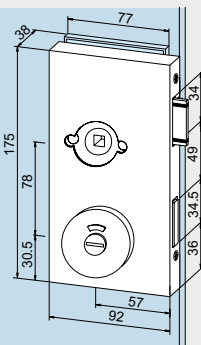
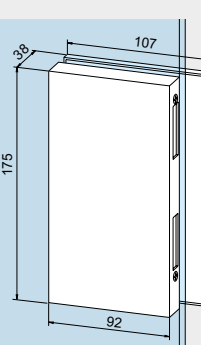
Locks for levers with roses

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 mm)

| | Product description | Art. No. |
|---|---|---|
|  | <p>Lock prepared for Europrofile cylinder, nightlatch function</p> | <p>11.270 L 11.271 R (not illustr.)</p> |
| | <p>Weight in kg: Aluminum 1.165</p> | |

| | Product description | Art. No. |
|---|--|---|
|  | <p>Lock warded key, without nightlatch function, 2 keys supplied</p> <p>Weight in kg: Aluminum 1.115</p> | <p>11.272 L 11.273 R (not illustr.)</p> |
|  | <p>Lock non-locking</p> <p>Weight in kg: Aluminum 1.040</p> | <p>11.274 L 11.275 R (not illustr.)</p> |
|  | <p>Lock bathroom lock function</p> <p>Weight in kg: Aluminum 1.040</p> | <p>11.276 L 11.277 R (not illustr.)</p> |
|  | <p>Strike box for OFFICE Classic locks</p> <p>Weight in kg: Aluminum 0.945</p> | <p>11.286 L 11.287 R (not illustr.)</p> |

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. |
|--|---|---|
| | <p>Lock prepared for Europrofile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 1.165</p> | <p>11.280 L 11.281 R (not illustr.)</p> |
| | <p>Lock lever lock, without nightlatch function, 2 keys supplied</p> <p>Weight in kg: Aluminum 1.115</p> <p>Lock prepared for KABA, with nightlatch function, 2 keys supplied</p> <p>Weight in kg: Aluminum 1.113</p> | <p>11.282 L 11.283 R (not illustr.)</p> <p>11.320 L 11.321 R (not illustr.)</p> |
| | <p>Lock non-locking</p> <p>Weight in kg: Aluminum 1.040</p> | <p>11.284 L 11.285 R (not illustr.)</p> |
| | <p>Strike box for OFFICE Classic locks</p> <p>Weight in kg: Aluminum 0.945</p> | <p>11.286 L 11.287 R (not illustr.)</p> |

Hinges for frame pivots

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

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

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. |
|--|---|--|--|
| | <p>Hinge for project doors with 160 mm type frame portion (reception element for example VN 7608/160 3D or VZK 060-1/3, or equivalent – not included in scope of delivery), stainless steel pin, plastic slide bearing, door weight max. 70 kg, door width max. 1,200 mm</p> <p>do. for 40 mm rebate depth, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.519</p> | | <p>11.291</p> <p>11.341 (not illustr.)</p> |
| | <p>Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm</p> <p>Weight in kg: Aluminum 0.425</p> | | <p>11.342</p> |
| | <p>Hinge with frame pivot for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm</p> <p>Weight in kg: Aluminum 0.230</p> | <p>8 mm 10 mm</p> | <p>12.091</p> |

Space for your notes

Content

OFFICE Mundus

| | |
|-----|-----------------------------------|
| 78 | Technical features |
| 78 | Components |
| 88 | Type illustrations |
| 100 | Accessories |
| 114 | Range of levers |
| 169 | Safety-related information |



OFFICE Mundus

Technical features

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

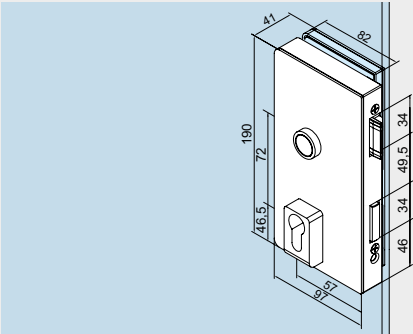
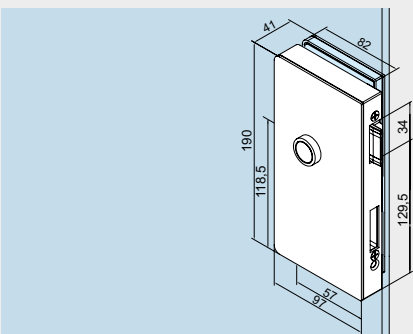
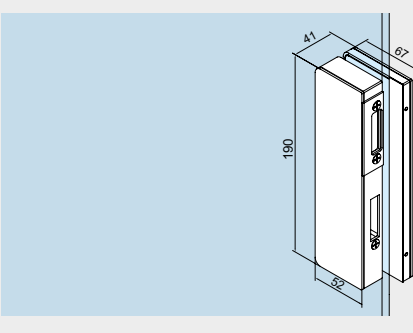
| | Product description | Art. No. |
|--|---|---|
| | <p>Lock prepared for Europrofile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.730 Stainless steel 1.120</p> | <p>11.842 L 11.843 R (not illustr.)</p> |
| | <p>Lock non-locking</p> <p>Weight in kg: Aluminum 0.800 Stainless steel 1.150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

Locks with follower

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

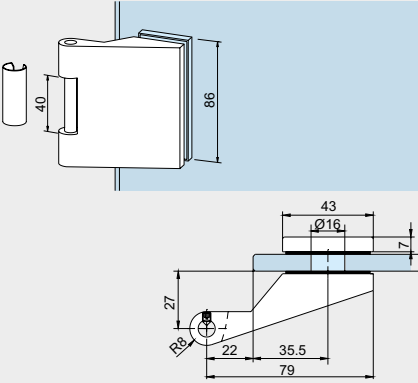
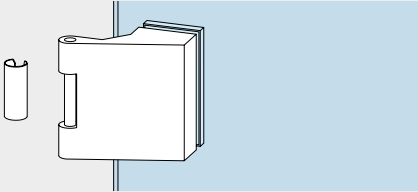
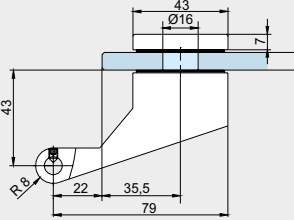
Locks supplied as standard for 8 mm glass thickness / 24 mm rebate depth, 10 mm glass thickness / 26 mm rebate depth resp.

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. |
|---|---|---|
|  | <p>Lock prepared for Europrofile cylinder, nightlatch function</p> <p>Weight in kg: Aluminum 0.830 Stainless steel 1.240</p> | <p>11.838 L 11.839 R (not illustr.)</p> |
|  | <p>Lock non-locking</p> <p>Weight in kg: Aluminum 0.800 Stainless steel 1.150</p> | <p>11.840 L 11.841 R (not illustr.)</p> |
|  | <p>Strike box for OFFICE Mundus locks</p> <p>Weight in kg: Aluminum 0.570 Stainless steel 0.810</p> | <p>11.848 L 11.849 R (not illustr.)</p> |
| | <p>Set follower for 16 mm diameter</p> | <p>11.852 (not illustr.)</p> |

Hinges for frame pivots

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

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

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. |
|--|---|-----------------------|--|
| | <p>Hinge for project doors with 160 mm type VN frame portion (reception element for example VN 7608/160 3D or VZK 060-1/3, or equivalent – not included in scope of delivery), stainless steel pin, plastic slide bearing, door weight max. 70 kg, door width max. 1,200 mm</p> <p>do. for 40 mm rebate depth, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.519</p> | | <p>11.291</p> <p>11.341 (not illustr.)</p> |
| | <p>Hinge with frame pivot for wooden frames, hinge flap for mortising into frame, zinc plated steel pin, plastic bushing, door weight max. 60 kg, door width max. 1,000 mm</p> <p>Weight in kg: Aluminum 0.425</p> | | <p>11.342</p> |
| | <p>Hinge with frame pivot for non-rebated frames, hinge flap for screwing onto frame, stainless steel pin, plastic bushing, door weight max. 55 kg, door width max. 1,000 mm</p> <p>Weight in kg: Aluminum 0.230</p> | <p>8 mm 10 mm</p> | <p>12.091</p> |

Content

OFFICE Arcos

| | |
|-----|-----------------------------------|
| 86 | Components |
| 87 | Installation details |
| 88 | Type illustrations |
| 100 | Accessories |
| 114 | Range of levers |
| 169 | Safety-related information |



OFFICE Arcos

Locks with follower

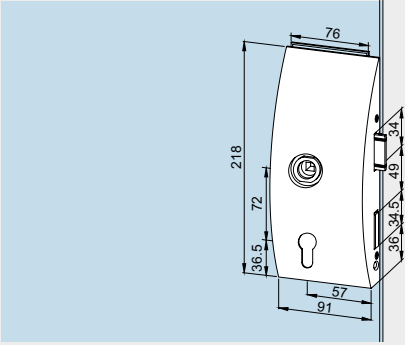
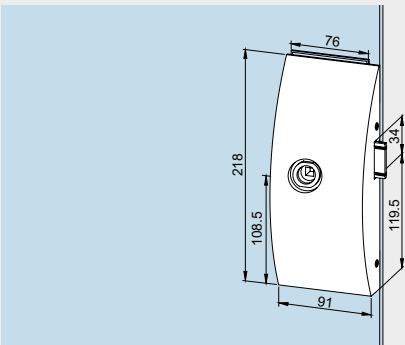
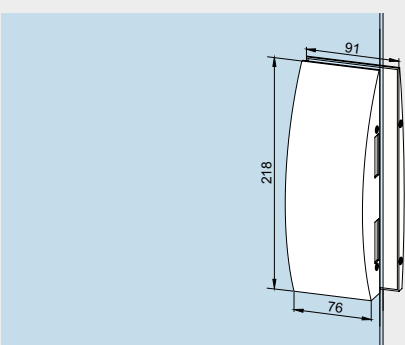
Complying to the current DIN EN 12209, successfully tested during extended type testing.

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°), patent pending, for avoidance of "lever handle sag" (droop). Further on a special spring supported clamp follower holds the lever handle perfectly secure.
- The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.
- Locks comply to the current DIN EN 12209. They are designed for use in public buildings.
- Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles.
- Special versions of the fitting manufactured in high-grade corrosion-resistant materials are available for wet room applications.

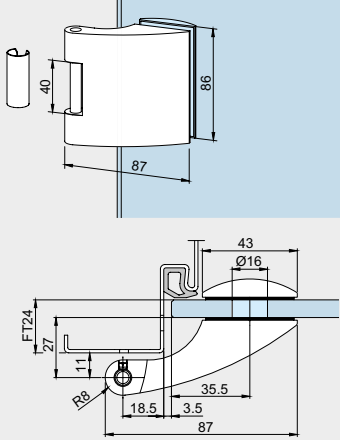
Complying to the current DIN EN 12209, successfully tested during extended type testing.

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

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

Hinges

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

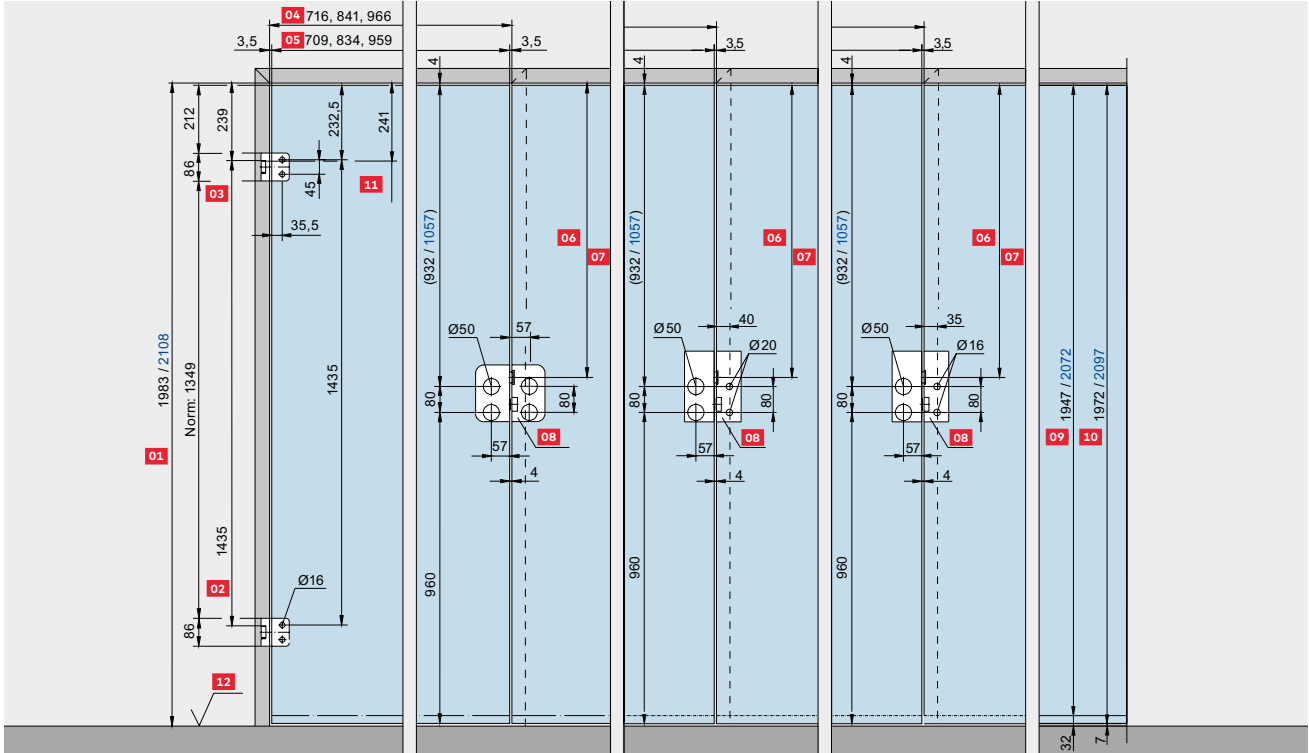
| | Product description | Art. No. |
|---|--|--|
|  | <p>Hinge for frame pivot complete with sleeve, zinc plated steel pin, door weight max. 80 kg</p> <p>Weight in kg: Aluminum 0.358</p> <p>Hinge for frame pivot complete with sleeve, to suit rebate depth 40 mm, door weight max. 70 kg</p> <p>Weight in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

Installation details and sections for frame pivots

OFFICE Junior / Classic

OFFICE Arcos

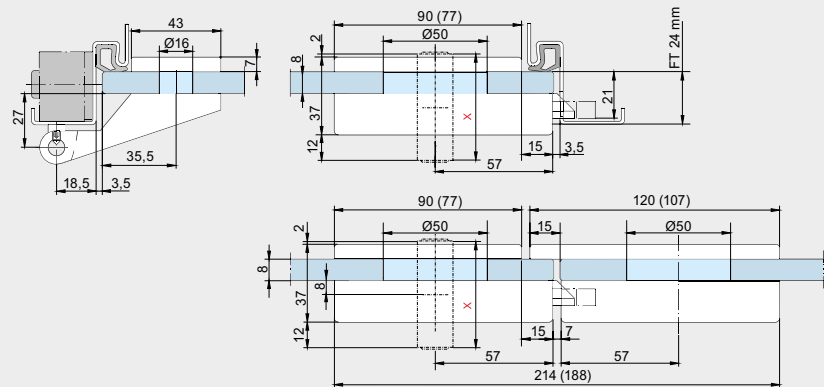
OFFICE Mundus



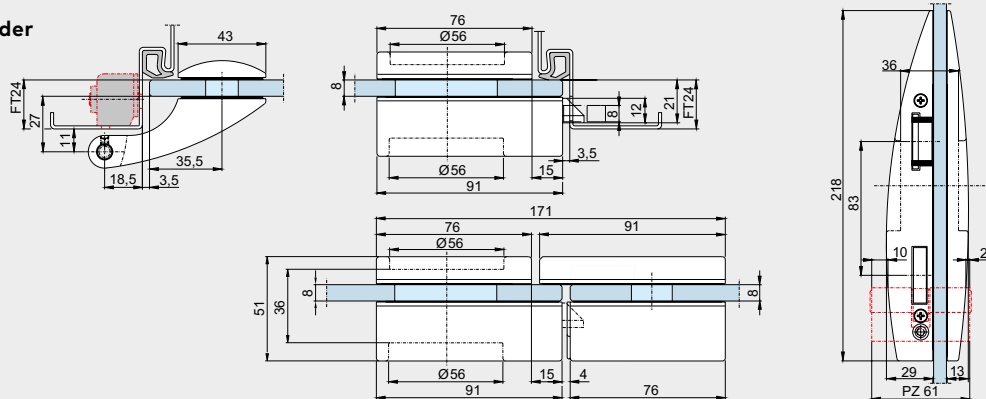
01 Frame rebate height 02 Standard hinge support to DIN 18 111 03 Standard hinge support 04 Frame rebate width
 05 Glass width 06 Centre lock bolt 07 Usually 908 / 1033 mm for doors 1972 / 2108 high 08 Strike box 09 Glass height (type S)
 10 Glass height (type N) 11 Hinge datum line to DIN 18 268 12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

OFFICE Junior
(OFFICE Classic)

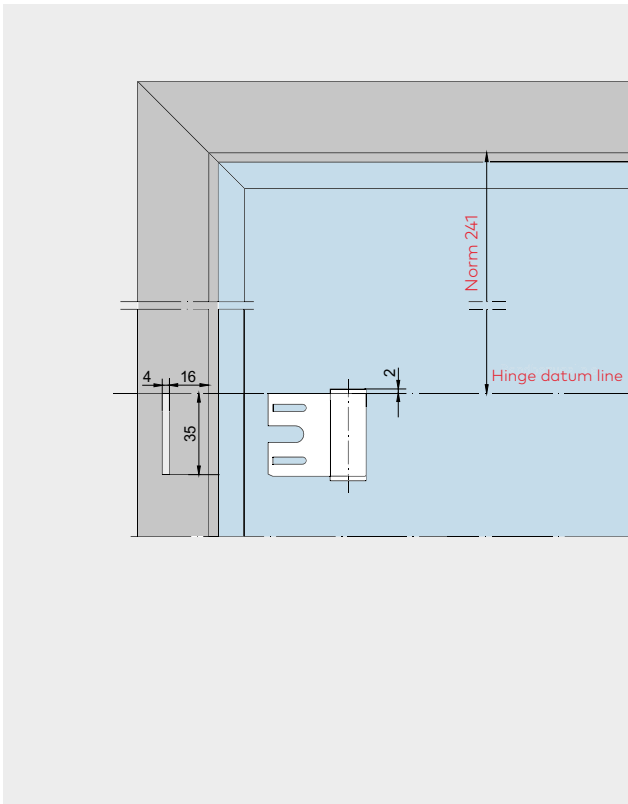
X = 51er PZ



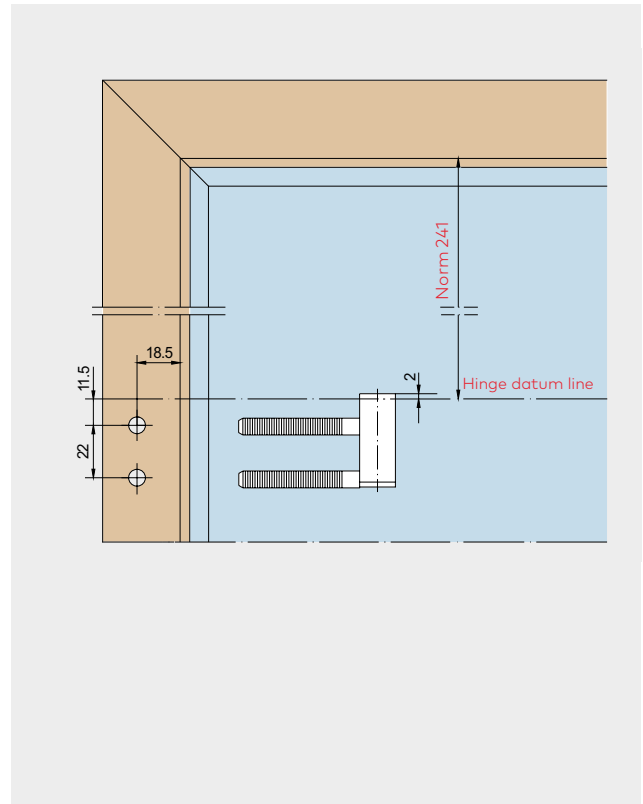
OFFICE Arcos
61 mm profile cylinder



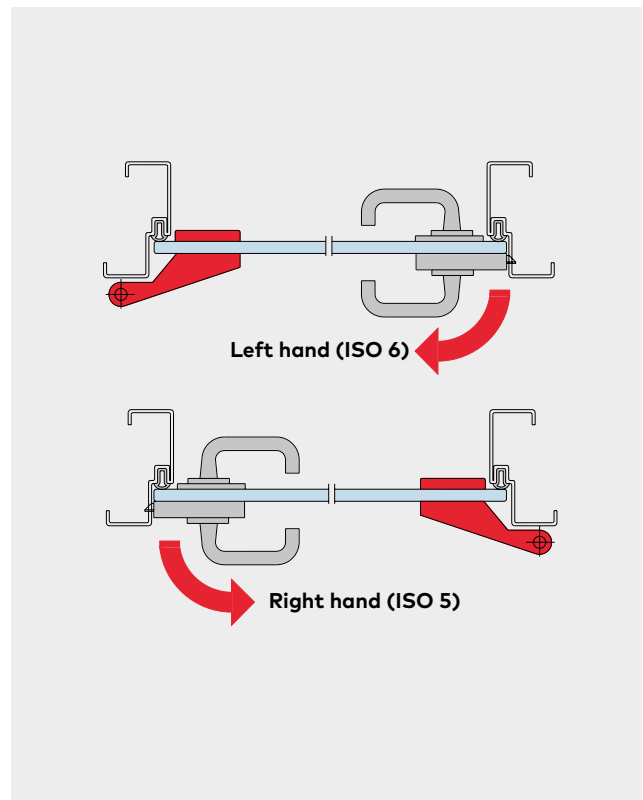
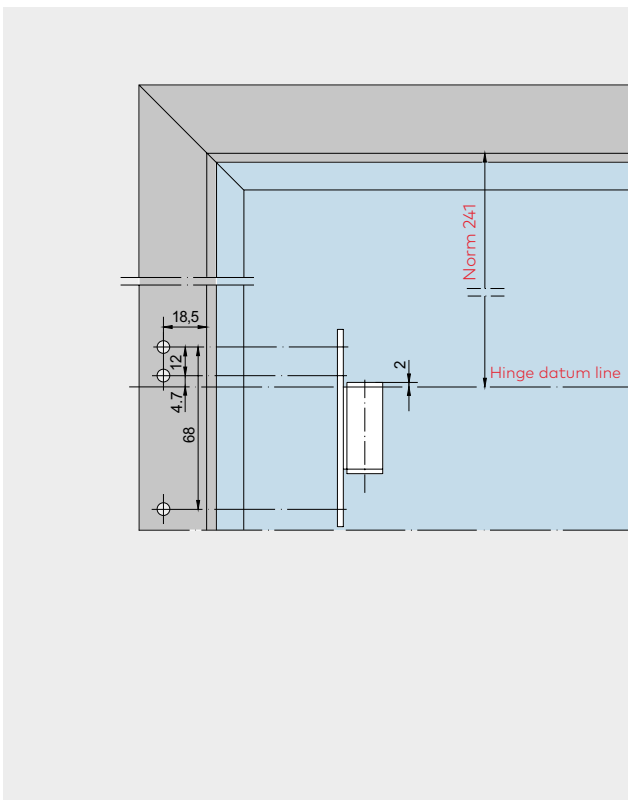
Frame pivots for steel frames



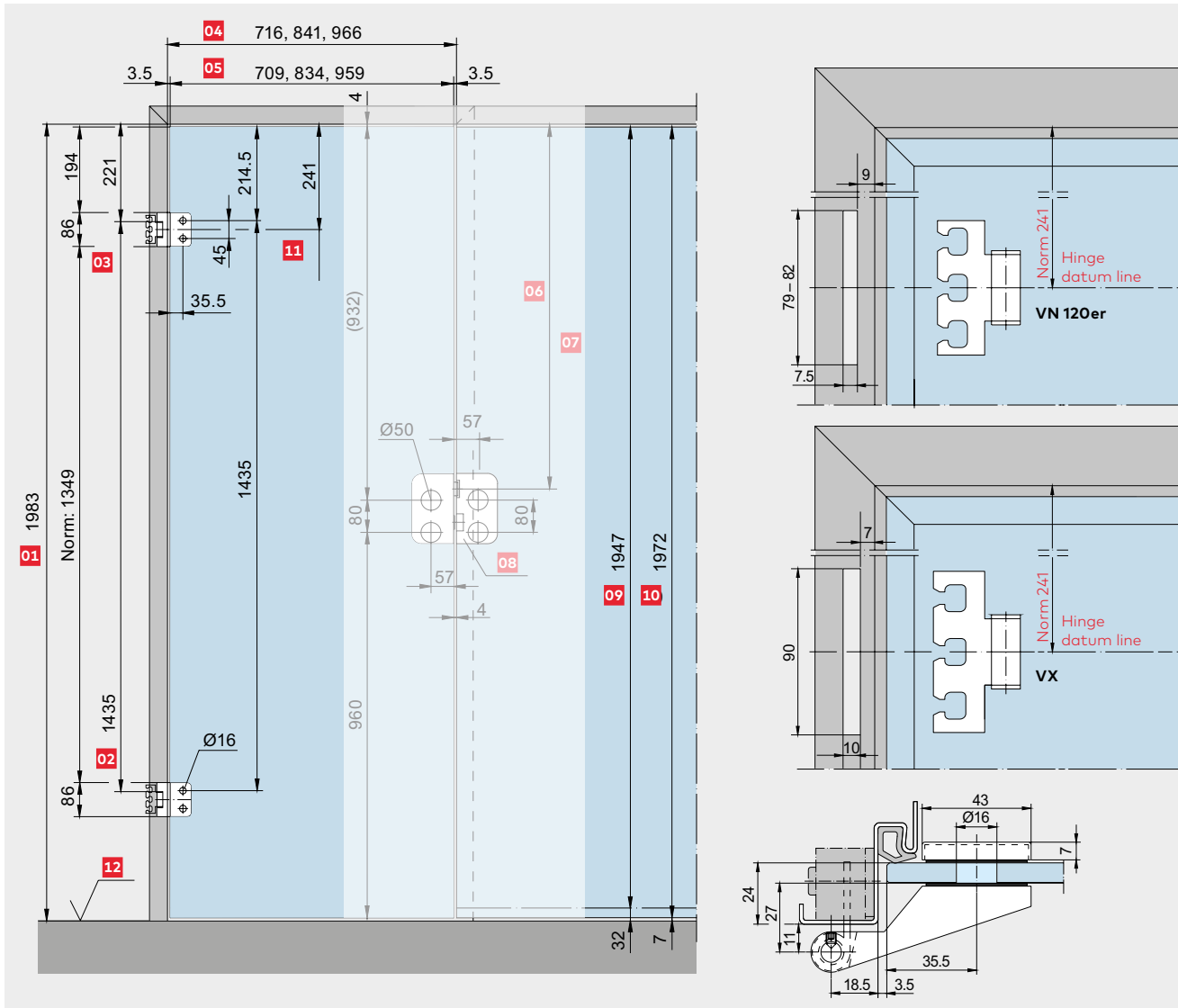
Frame pivots for wooden frames



Screw on frame pivot

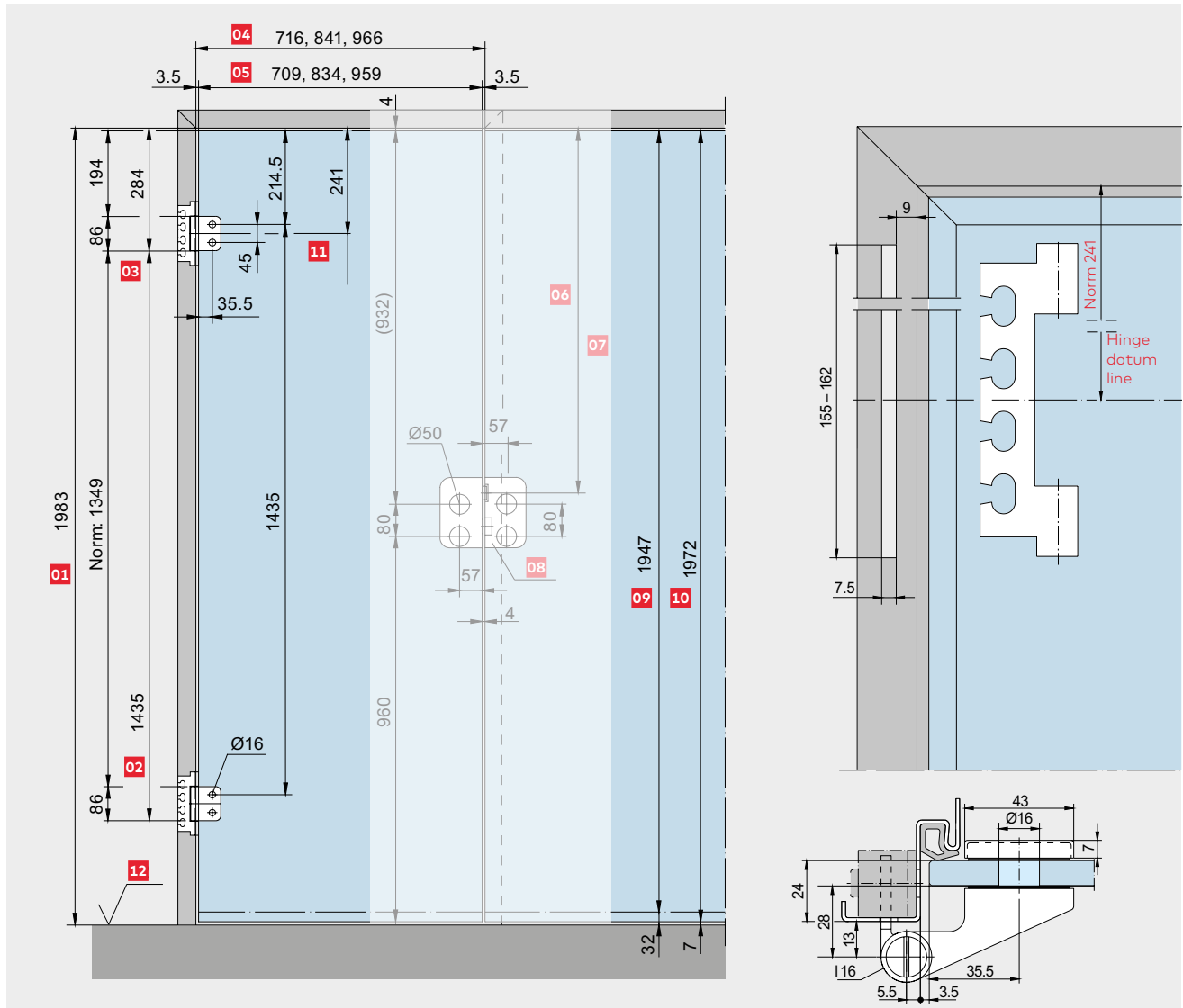


Frame pivot for frame pocket type VN 120 / type VX



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

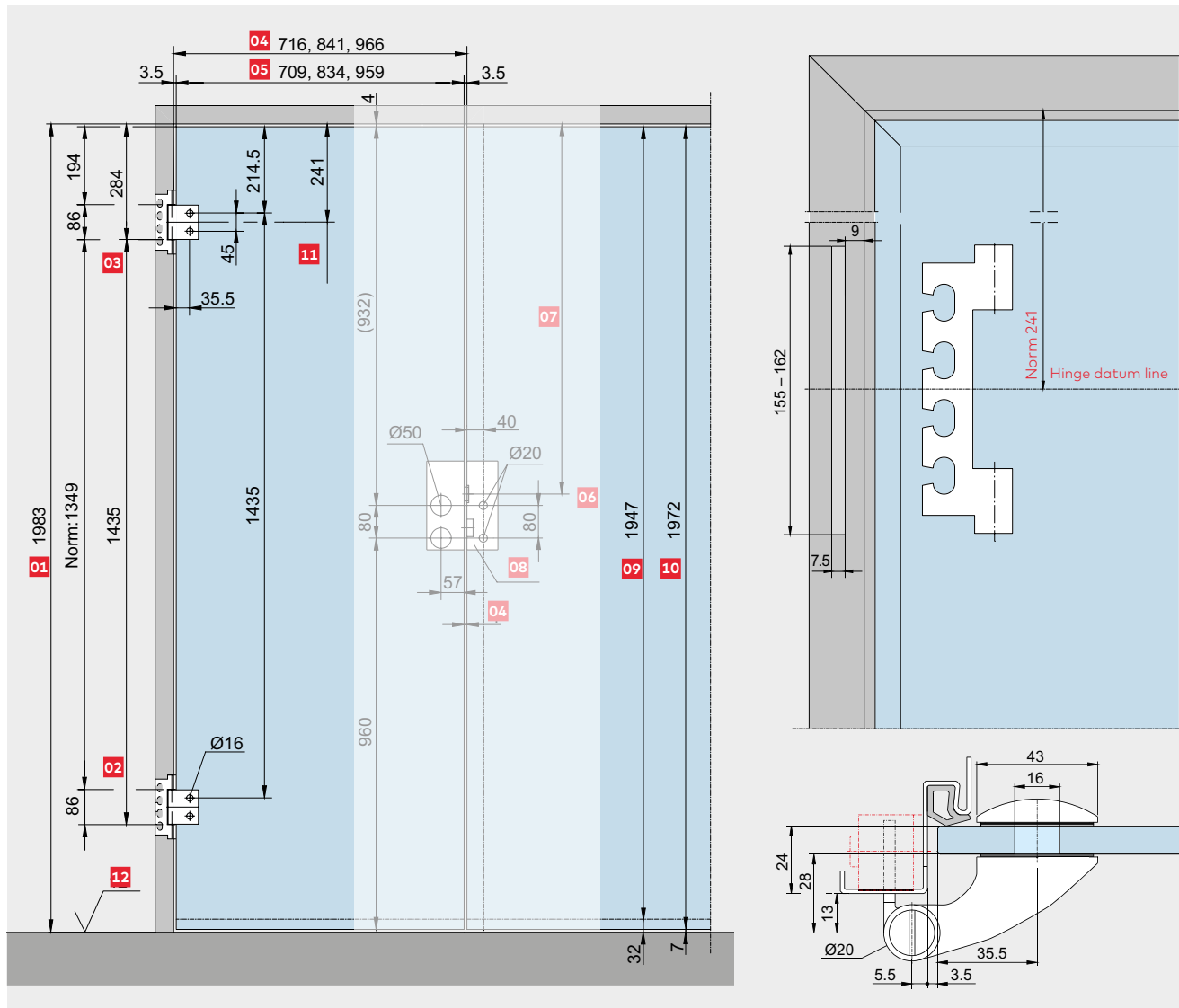
Frame pivot for 160 mm type VN frame pocket



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

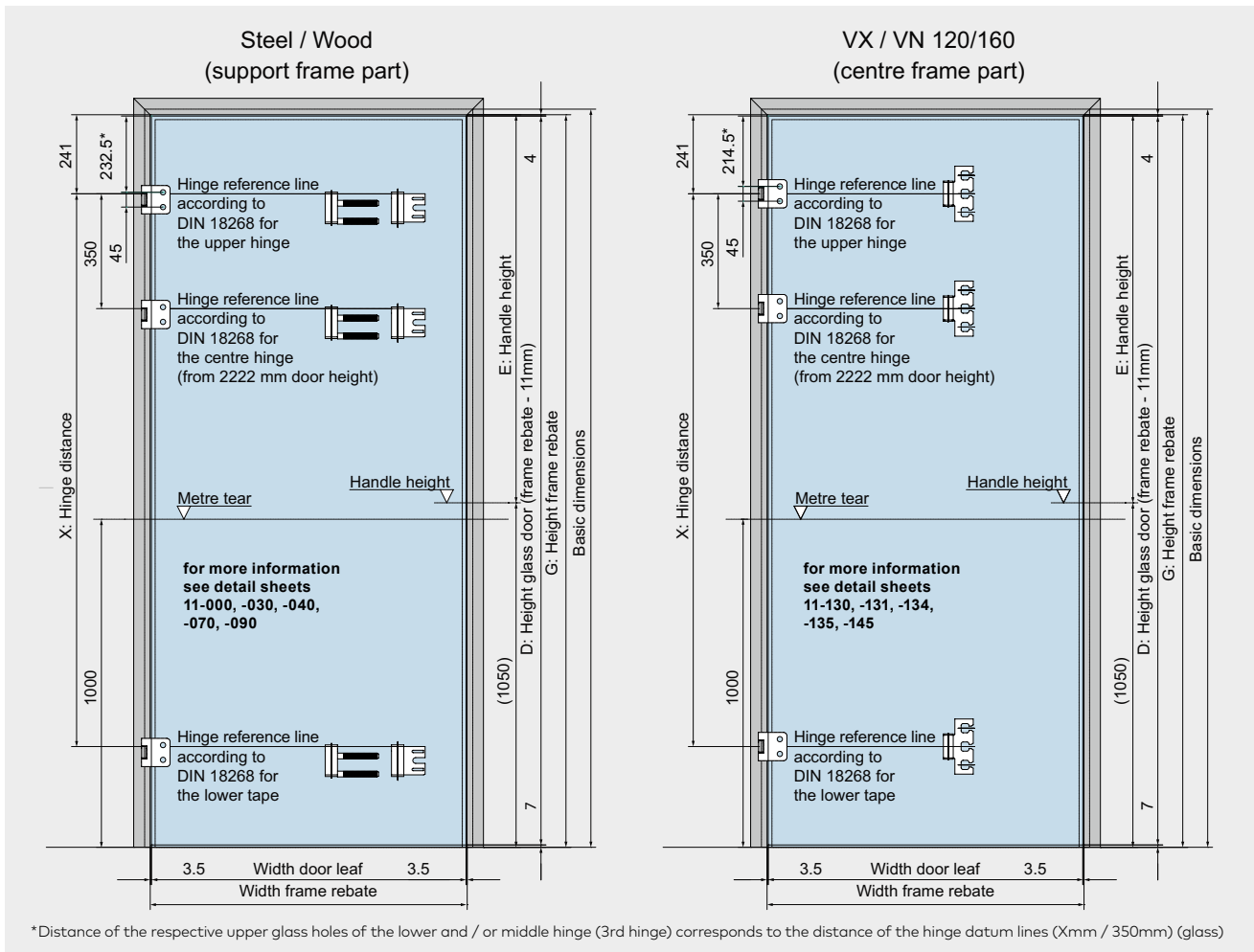
Space for your notes

For frame pocket type VN 160



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

Hinge reference lines according to DIN 18101



| | Basic dimensions (wall opening) ^{*1} | Height door leaf | Width door leaf | Height frame rebate ^{*2} | Width frame rebate | Hinge reference line Hinge distance from upper to lower frame part to lower frame part | Handle height ^{*3} |
|----|---|------------------|---------------------|-----------------------------------|---------------------|--|-----------------------------|
| | | D | | G | | X | E |
| 1 | 1625 | 1597 | | 1608 | | 1060 | 554 |
| 2 | 1750 | 1722 | | 1733 | | 1185 | 679 |
| 3 | 1875 | 1847 | | 1858 | | 1310 | 804 |
| 4 | 2000 | 1972 | | 1983 | | 1435 | 929 |
| 5 | 2125 | 2097 | 709, 834, 959, 1084 | 2108 | 716, 841, 966, 1091 | 1435 | 1054 |
| 6 | 2250 | 2222 | | 2233 | | 1685 | 1179 |
| 7 | 2375 | 2347 | | 2358 | | 1810 | 1304 |
| 8 | 2500 | 2472 | | 2483 | | 1935 | 1429 |
| 9 | 2625 | 2597 | | 2608 | | 2060 | 1554 |
| 10 | 2750 | 2722 | | 2733 | | 2185 | 1679 |

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

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

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

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.

Content

Special hinges

96 **Components**

169 **Safety-related information**



Special hinges

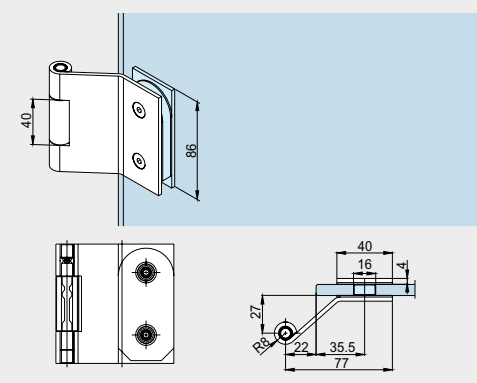
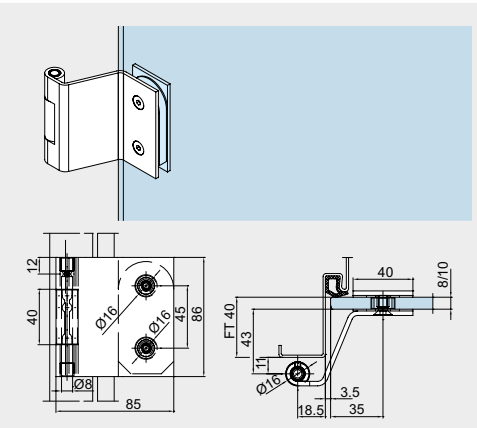
Stainless steel hinge for internal glass doors

for 8 mm and 10 mm glass.

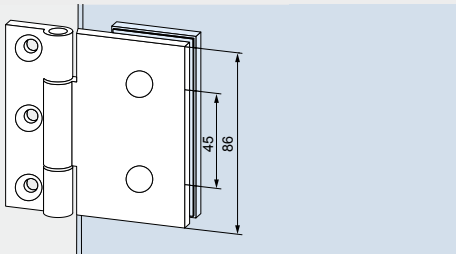
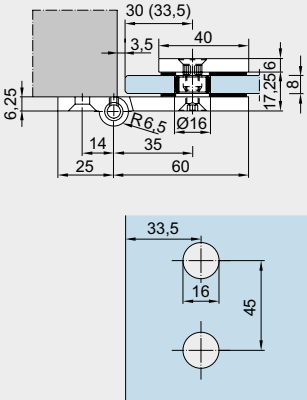
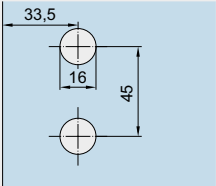
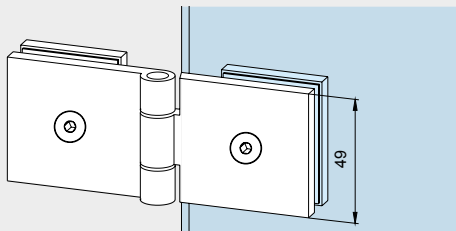
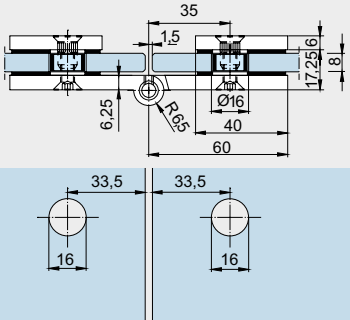
For 8 mm glass thickness / 24 mm rebate depth,
10 mm glass thickness / 26 mm rebate depth resp.,
max. door width 1,000 mm.

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

Versions with rounded angles also available
on request.

| | Product description | Art. No. |
|---|--|----------------------|
|  | <p>Stainless steel hinge for frame pivot with stainless steel sleeve, stainless steel pin, door weight max. 80 kg</p> <p>Weight in kg: Stainless steel 0.332</p> | <p>11.500</p> |
|  | <p>Stainless steel hinge for frame pivot for rebate depth 40 mm, with stainless steel sleeve, stainless steel pin, door weight max. 70 kg</p> <p>Weight in kg: Stainless steel 0.371</p> <p>Please note: Applications / glass preparation like OFFICE Classic (see page 87). Frame pivots on page 102.</p> | <p>11.502</p> |

Hinges for 8 mm glass thickness

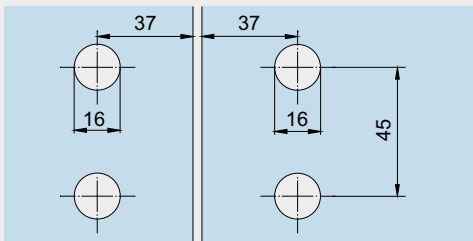
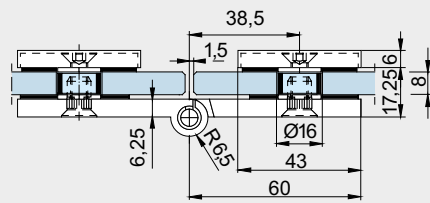
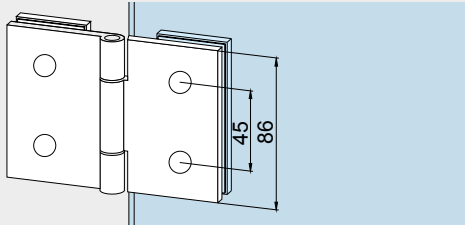
| | Product description | Art.-Nr. |
|---|---|---------------------------------|
|  | <p>Screw-on hinge without covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg</p> <p>Weight in kg: Aluminum 0.130</p> | 12.010 |
|  | <p>Screw-on hinge with 3 covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg</p> <p>Weight in kg: Aluminum 0.152</p> | 12.011 (not illustr.) |
|  | <p>Screw-on hinge with cover for clamping plate, 86 mm, stainless steel pin, plastic bushing, door weight max. 45 kg</p> <p>Weight in kg: Aluminum 0.215</p> | 12.012 |
|  | <p>Double hinge without covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg</p> <p>Weight in kg: Aluminum 0.208</p> | 12.030 |
|  | <p>Double hinge with 4 covers 49 mm, stainless steel pin, plastic bushing, door weight max. 30 kg</p> <p>Weight in kg: Aluminum 0.243</p> | 12.031 (not illustr.) |

Product description**Art.-Nr.****Double hinge with covers****12.032**

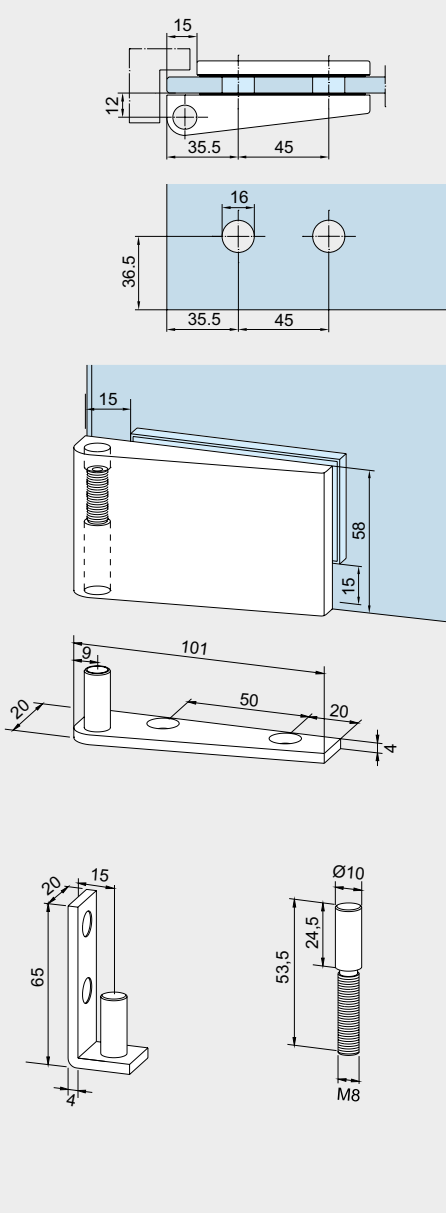
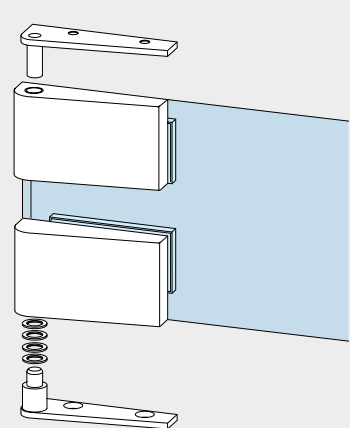
for clamping plates, 86 mm, stainless steel pin,
plastic bushing, door weight max. 45 kg

Weight in kg:

Aluminum 0.344



Corner hinges for 8 mm and 10 mm glass thickness

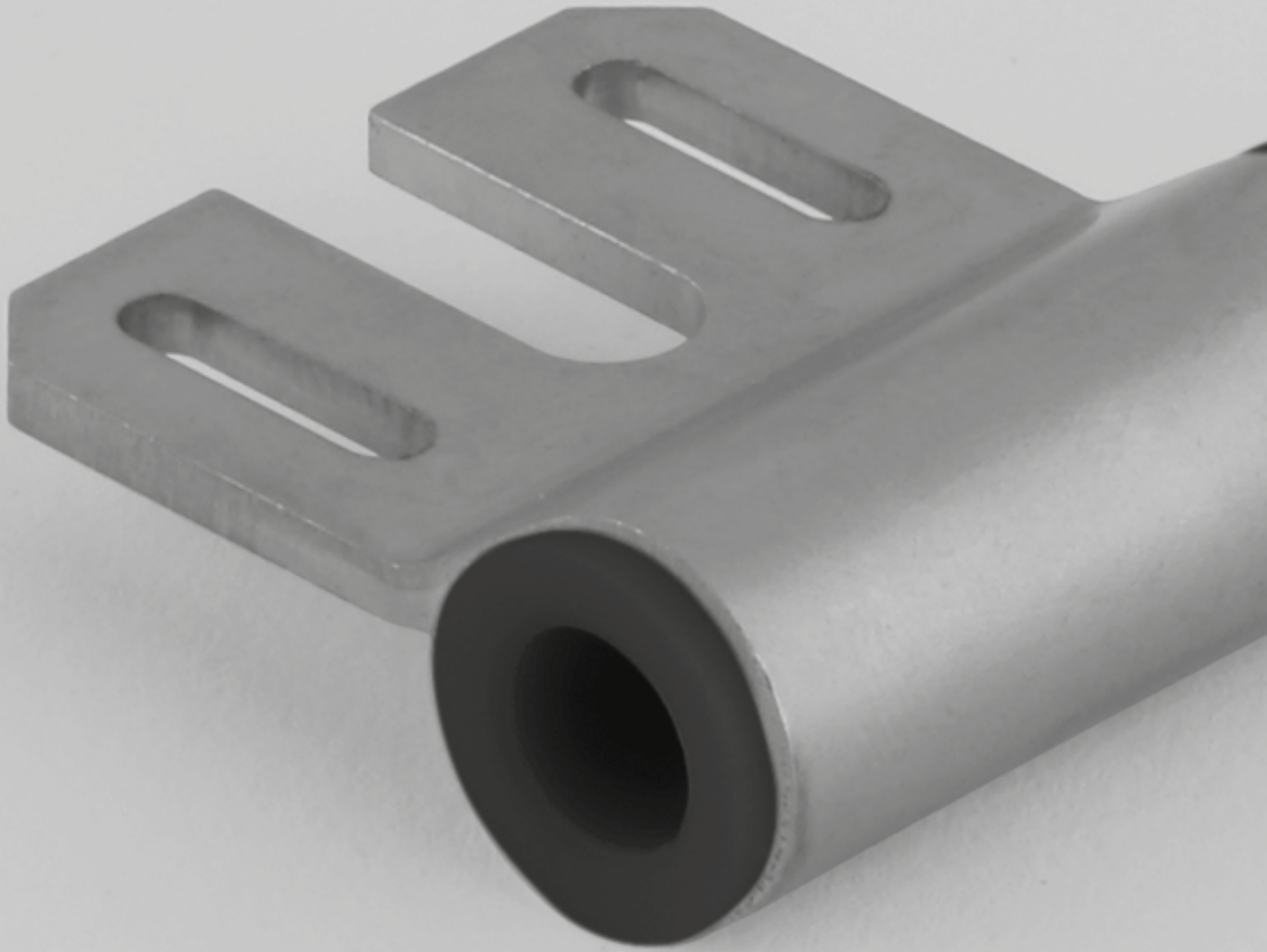
| | Product description | Glass thickness | Art. No. |
|---|---|--|---|
|  | <p>Corner hinges, pairs with free glass edge on top resp. underneath and at side, height adjustable, extended colour options, door weight max. 35 kg</p> <p>Weight in kg: Aluminum 0.130 Brass 1.006</p> <p>Pair of floor and top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

* Cannot be combined with corner hinges 12.040/12.041.

Content

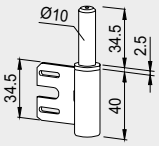
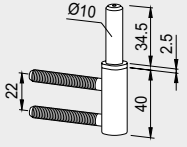
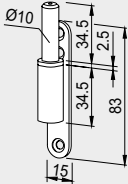
Accessories

| | |
|-----|--|
| 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 |



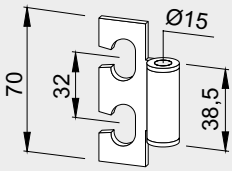
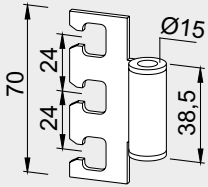
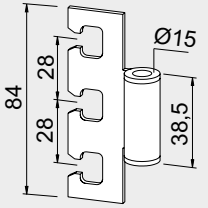
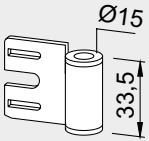
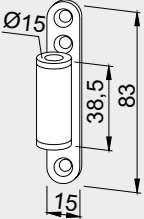
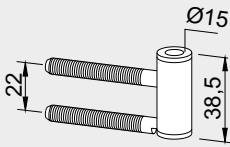
Accessories

Frame pivots for STUDIO

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

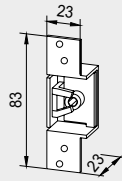
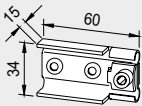
Please note the rebate depth when choosing each door hinge.

Frame pivots for OFFICE

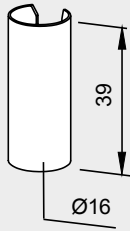
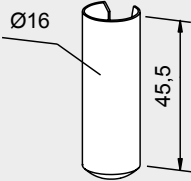
| | Product description | Art. No. |
|---|--|----------|
|  | Frame pivot for 160 frame pocket (reception element for example VN 7608/160 3D, or equivalent) Satin stainless steel for door hinge 11.230, 11.288, 25.230, Weight in kg: 0.056 | 11.249 |
|  | Frame pivot for 120 mm type VN-frame pocket (reception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

Please note: the rebate depth when choosing each door hinge.

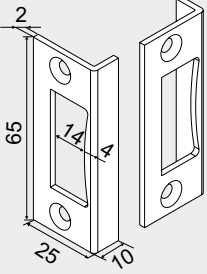
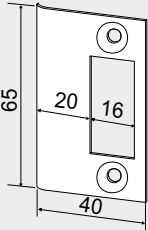
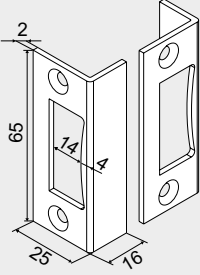
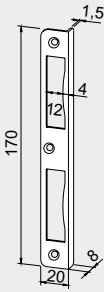
Frame pocket

| | Product description | Art. No. |
|---|--|----------------------|
|  | <p>Frame pocket for steel frame zinc plated steel</p> <p>Weight in kg: 0.073</p> | <p>10.406</p> |
|  | <p>Frame pocket for wooden frame zinc plated steel</p> <p>Weight in kg: 0.060</p> | <p>10.405</p> |

Push on sleeves

| | Product description | Art. No. |
|---|--|----------------------|
|  | <p>Push-on sleeve for OFFICE frame pivots</p> <p>Art. No. 11.307 11.309 11.310 11.405</p> <p>Weight in kg: Aluminum 0.002</p> | <p>11.311</p> |
|  | <p>Push-on sleeve for STUDIO frame pivots</p> <p>Art. No. 10.400 10.404 10.407</p> <p>Weight in kg: Aluminum 0.002 MS 0.006</p> | <p>10.408</p> |

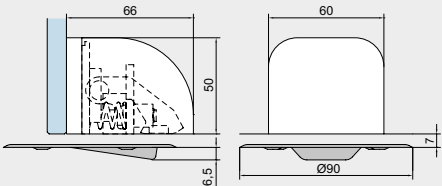
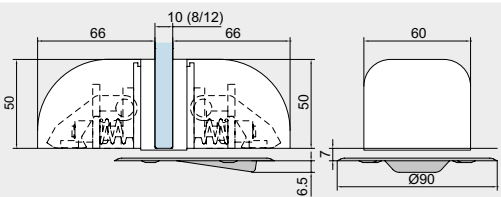
Strike plates

| | Product description | Art.-Nr. |
|---|--|---|
|  | <p>Corner strike plate</p> <p>Weight in kg: Aluminum 0.008</p> | <p>10.401</p> |
|  | <p>Corner strike plate</p> <p>Weight in kg: Stainless steel 0.019</p> <p>Strike plate</p> <p>Weight in kg: Brass 0.022</p> | <p>10.421</p> <p>10.422</p> |
|  | <p>Corner strike plate with 16 mm leg</p> <p>Weight in kg: Aluminum 0.008</p> | <p>10.411</p> |
|  | <p>Corner strike plate</p> <p>Weight in kg: Aluminum 0.038</p> | <p>11.313</p> |

Special latch for adaptation by the customer

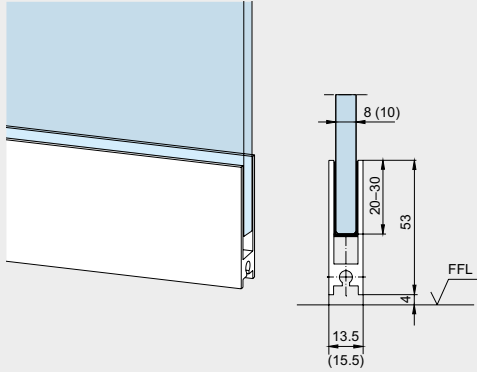
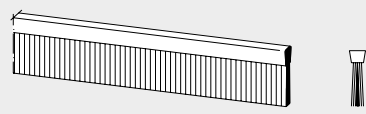
| | Product description | Art. No. |
|---|---|----------------------|
|  | <p>Single latch for Austrian norm frames and for the combination of 10 mm glass with a 24 mm frame depth, usable for STUDIO Rondo, Classic, Gala and Arcos</p> | <p>10.066</p> |

Easy-Stop

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

Further floor and wall door stops see page 111

Door rails for 8 mm and 10 mm glass thickness

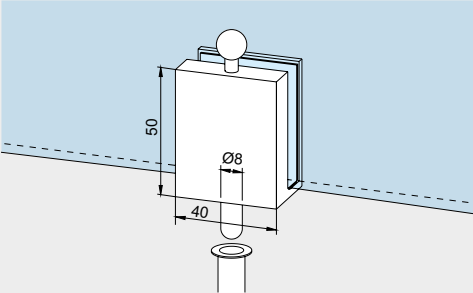
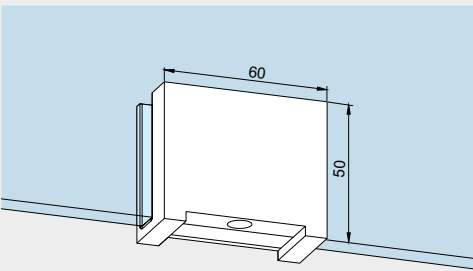
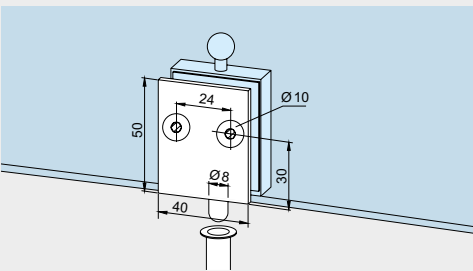
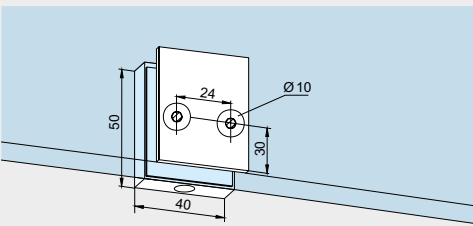
| | Product description | Glass thickness | Art. No. |
|---|---|-----------------|--|
|  | Door rail push on fit, with pair of plastic end caps | | |
| | norm length 834 mm | 8 mm 10 mm | 12.102 12.122 |
| | norm length 959 mm | 8 mm 10 mm | 12.103 12.123 |
| | stock length 1,200 mm | 8 mm 10 mm | 12.104 12.124 |
| | 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 brush, 5 mm projection, stock length 2,000 mm fixed length 1,200 mm stock length 1,000 mm fixed length 1,000 mm | | 12.110 12.111 12.115 12.116 |
| | Weight in kg: 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 (not illustr.) |
| | Weight in kg: 0,001 | | |
| | Plastic end cap black | | |
| | Weight in kg: 0.001 | | |
| | Plastic end cap white | 10 mm | 12.109 (not illustr.) |
| | Weight in kg: 0.001 | | |

Door rails with automatic seals

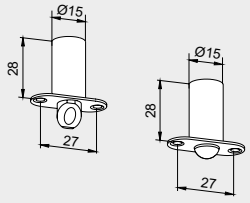
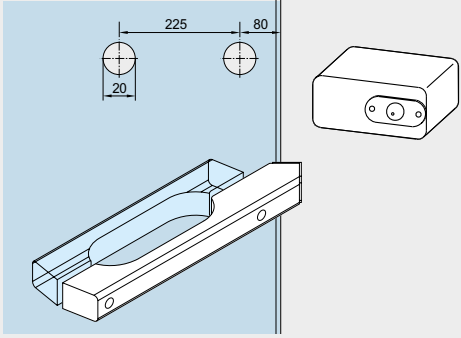
| | Product description | Lengths | Surface | Glass thickness | Art. No. | |
|--|---|----------------------------|------------|-----------------|-----------------------|---------------|
| | Door rail with drop-down seal Schall-Ex® GS-A | 833 mm | F 150 | ≥ 6 mm | 812.434.150.99 | |
| | | | F 157 | ≥ 6 mm | 812.434.157.99 | |
| | • Seal and cover profile self-adhesive | 958 mm | F 150 | ≥ 6 mm | 812.439.150.99 | |
| | | | F 157 | ≥ 6 mm | 812.439.157.99 | |
| | • Suitable for all doors with a glass thickness of 6 mm or more | 1083 mm | F 150 | ≥ 6 mm | 812.444.150.99 | |
| | | | F 157 | ≥ 6 mm | 812.444.157.99 | |
| | • Can be shortened 125 mm | 1208 mm | F 150 | ≥ 6 mm | 812.449.150.99 | |
| | | | F 157 | ≥ 6 mm | 812.449.157.99 | |
| | • Retrofittable | | | | | |
| | • Stroke 11 mm | | | | | |
| | Transfer door rail with drop-down seal for bonding on site Schall-Ex® GS-H8/12 | 833 mm | F 150 | 8-12 mm | 812.430.150.99 | |
| | | | F 157 | 8-12 mm | 812.430.157.99 | |
| | • Universal glass door seal for doors with glass thicknesses from 8 - 12 mm | 958 mm | F 150 | 8-12 mm | 812.435.150.99 | |
| | | | F 157 | 8-12 mm | 812.435.157.99 | |
| | • Unilateral triggering | 1083 mm | F 150 | 8-12 mm | 812.440.150.99 | |
| | | | F 157 | 8-12 mm | 812.440.157.99 | |
| | • Stainless steel cover on lock side | 1208 mm | F 150 | 8-12 mm | 812.445.150.99 | |
| | | | F 157 | 8-12 mm | 812.445.157.99 | |
| | • Can be shortened 125 mm | | | | | |
| | • Stroke 11 mm | | | | | |
| | Door rail with automatic seal, push on fit | 834 mm | Left hand | 8 mm | 12.202 | |
| | | | Right hand | 8 mm | 12.203 | |
| | | | Left hand | 10 mm | 12.212 | |
| | | | Right hand | 10 mm | 12.213 | |
| | Weight in kg: Aluminum 1.559 | | 959 mm | Left hand | 8 mm | 12.204 |
| | | | | Right hand | 8 mm | 12.205 |
| | | | | Left hand | 10 mm | 12.214 |
| | | | | Right hand | 10 mm | 12.215 |
| | | Fixed length up to 1,200mm | | Left hand | 8 mm | 12.200 |
| | | | | Right hand | 8 mm | 12.201 |
| | | | | Left hand | 10 mm | 12.210 |
| | | | | Right hand | 10 mm | 12.211 |

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

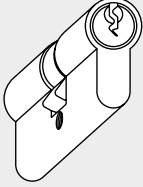
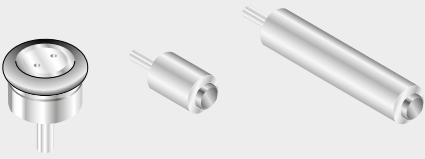
Door bolts

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

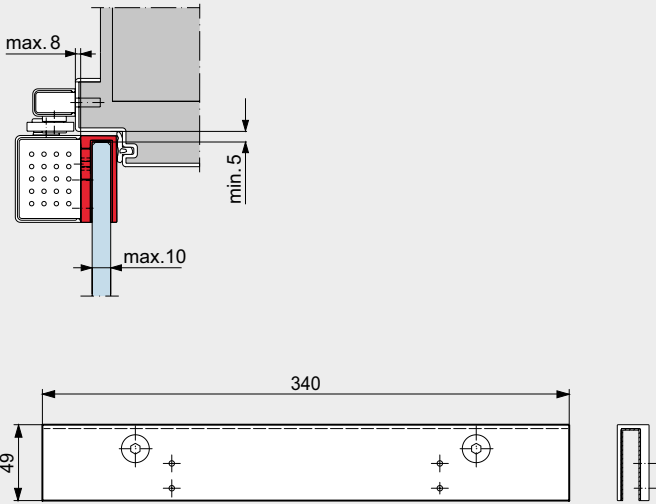
Door bolts

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

Profile cylinder

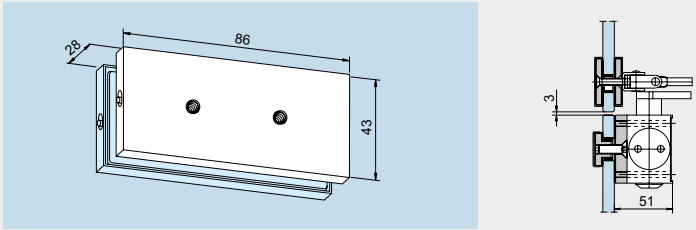
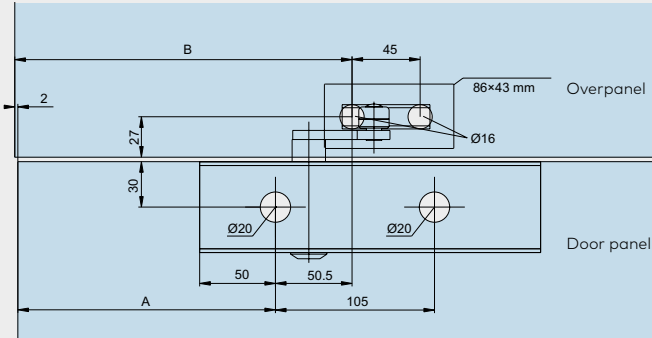
| | Product description | Art. No. |
|---|---|---------------|
|  | Profile cylinder length 61 mm, differently keyed, with dormakaba Logo | 05.001 |
| | Profile cylinder length 61 mm, equally keyed, with dormakaba Logo | 05.002 |
| | Further cylinders of the dormakaba range on demand. | |
|  | Floor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

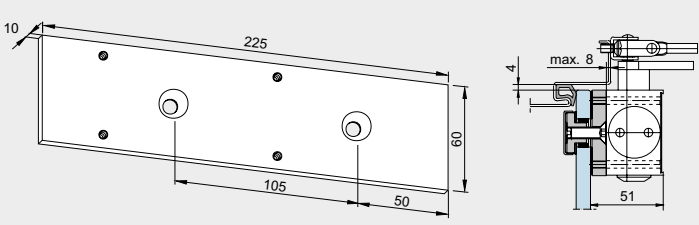
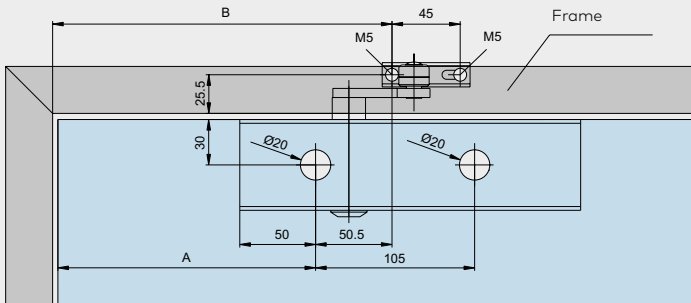
TS 97

| | Product description | Art. No. |
|---|---|---------------|
|  | TS 97 inclusive glass fixing bracket No glass recess machining or drilling required. The TS 97 with this special glass fixing bracket should be used with STUDIO and OFFICE hinges. | 18.070 |
| For more information please see technical brochure TS 97. | | |

Accessories

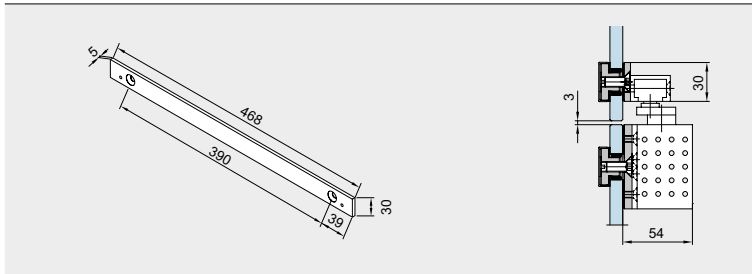
for dormakaba Door Closer TS 73 V

| | Product description | Art. No. | |
|--|--|---------------|----------|
|  | Fixing plate for TS 73 V, projecting arm for overpanel | 12.330 | |
| | Weight in kg: Aluminum 0.132 | | |
|  | Pivot point fitting | A | B |
| | EA (AT) | 195 | 248 |
| | UNIVERSAL / MUNDUS | 245 | 298 |
| | STUDIO / OFFICE | 170 | 223 |
| | UNIVERSAL Arcos | 262 | 315 |

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

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

for dormakaba Door Closer TS 92



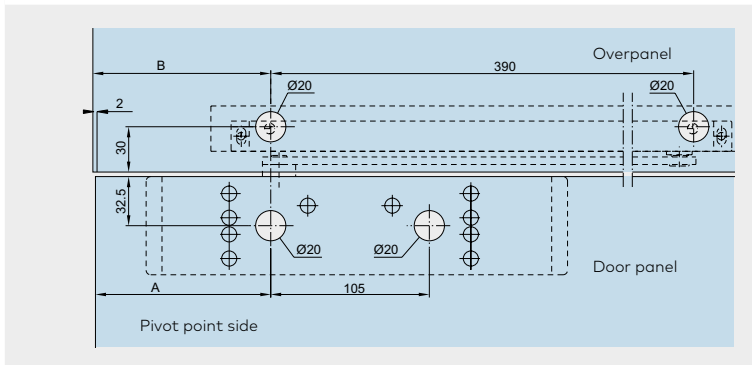
Product description

Art. No.

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

12.332

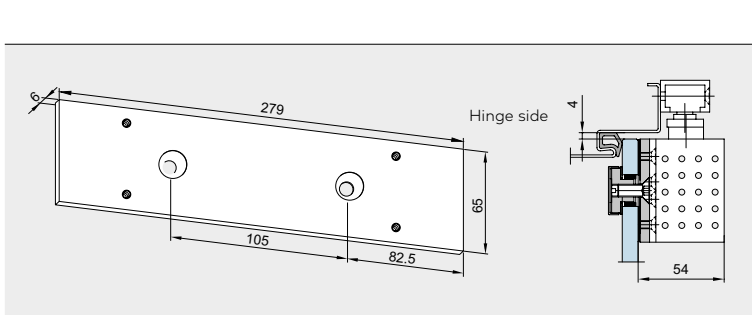
Weight in kg:
Aluminum 0.265



Pivot point fitting

A B

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



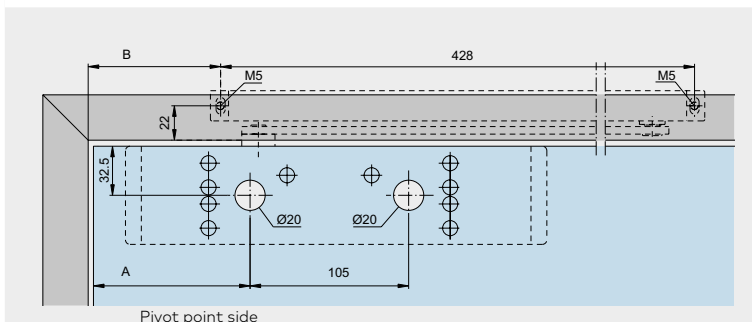
Product description

Art. No.

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

12.334

Weight in kg:
Aluminum 0.290

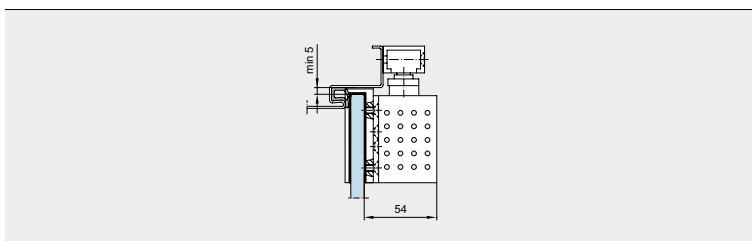


Pivot point fitting

A

| | |
|--------------------|-----|
| EA (AT) | 200 |
| UNIVERSAL / MUNDUS | 250 |
| STUDIO / OFFICE | 148 |
| UNIVERSAL Arcos | 265 |

Product description



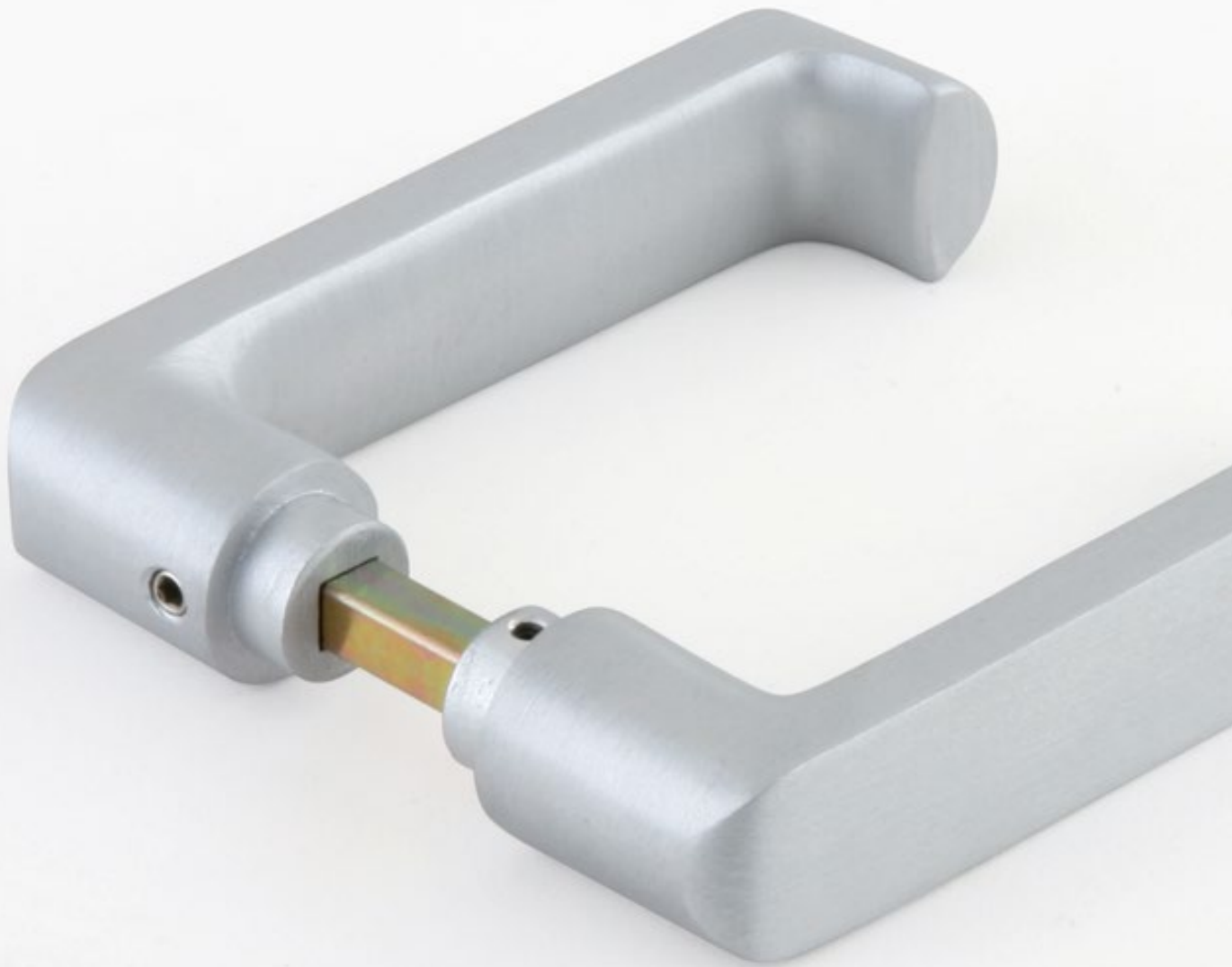
Saddle plate
Availabe for purchase
from our Door Hardware
division.

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

Content

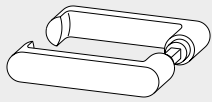
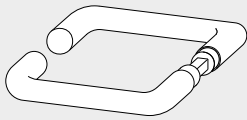
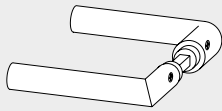
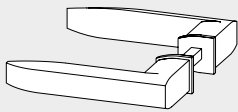
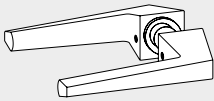
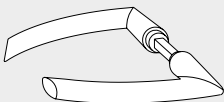
Lever range

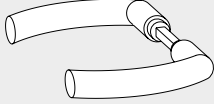
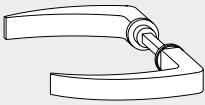
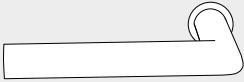

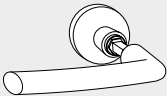
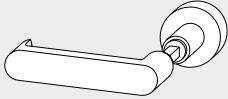

- 116 **Lever for follower**
- 119 **Levers with roses**
- 169 **Safety-related information**



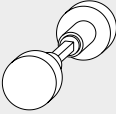
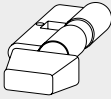
Lever range

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

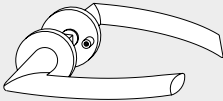
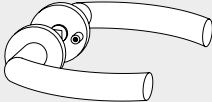
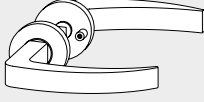
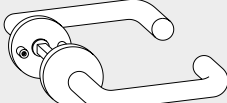

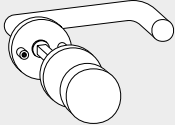

| | Product description | Art. No. |
|---|--|---------------|
|  | <p>Set of levers with flat hand part, extended colour options</p> <p>Weight in kg: Aluminum 0.290</p> | 10.314 |
|  | <p>Set of levers tubular</p> <p>Weight in kg: Aluminum 0.320</p> | 10.301 |
| | <p>Set of levers tubular, for follower,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

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

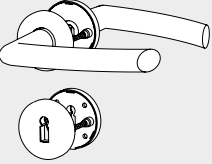
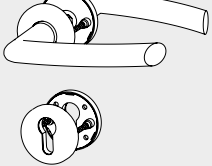
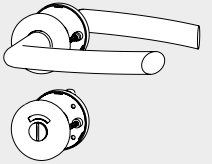
Sets of levers for locks with follower

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

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

Space for your notes

Content

BEYOND

| | |
|-----|-----------------------------------|
| 124 | General information |
| 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 functionality need to be complemented with an attractive design.



Safe and secure

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



The over panel pivot fitting
– a slim connector.



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

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

Short pivot rod

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

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

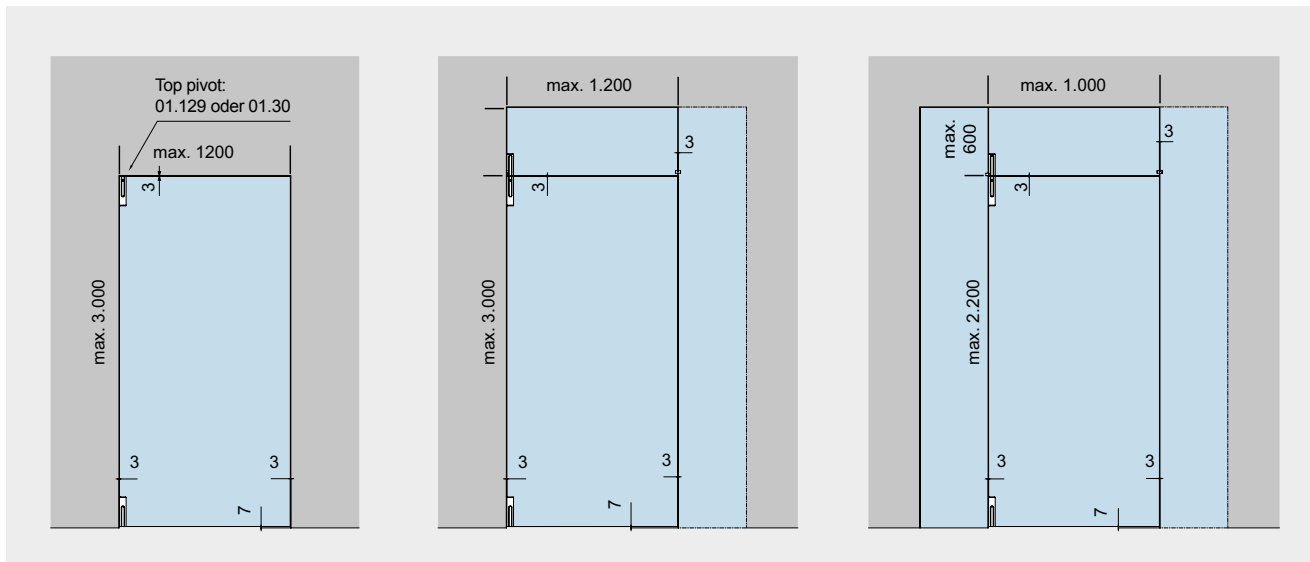
transfer from the overpanel and side panel can be effected by means of wall adapter profiles.

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

For maximum values please see the typical assemblies.

Note:

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



Basic set for individual door.
For installation in masonry.

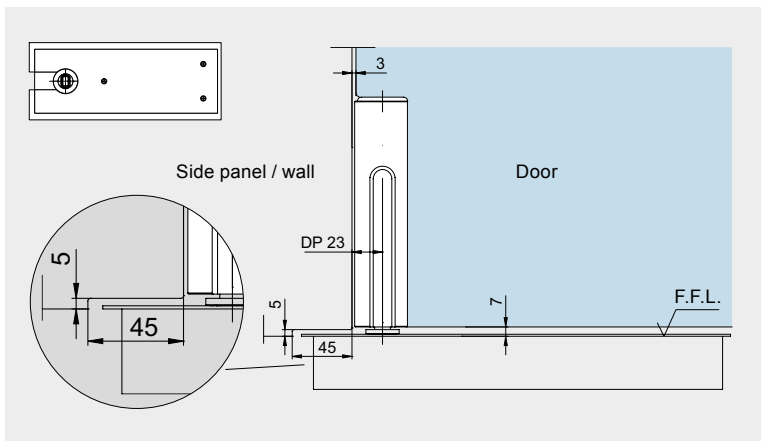
Max door height 3,000 mm
Max door weight 80 kg

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

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

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

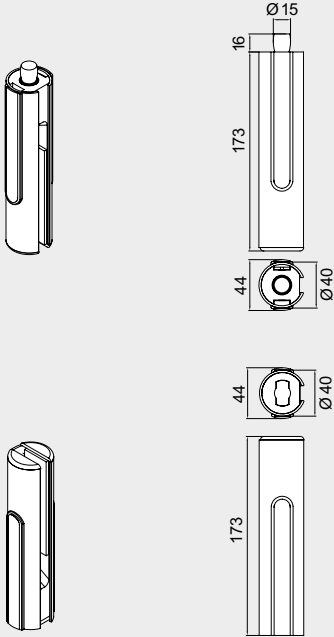
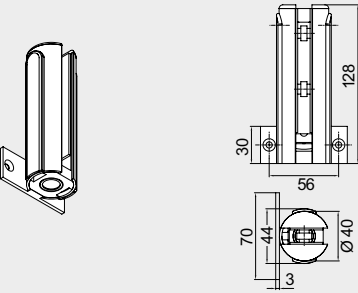
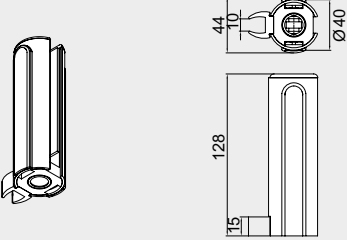
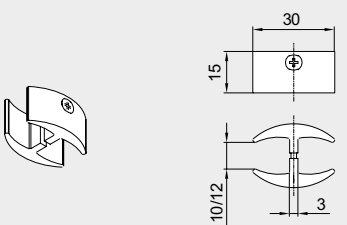
Max door height 2,200 mm
Max door weight 80 kg



Combination BEYOND and 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. |
|---|---|-----------------------|--------------------------------|
|  | <p>BEYOND basic set: Pivoting fitting set, short type, comprising</p> <ul style="list-style-type: none"> • 1 top pivot fitting with pivot Ø 15 mm, • 1 bottom pivot fitting with insert for floor spring spindle (90° turnable, e. g. dormakaba BTS 80) or round pivot | 10 mm 12 mm | 30.100 30.101 |
|  | <p>BEYOND overpanel fitting, wall connector, with plastic socket for top pivot</p> | 10 mm 12 mm | 30.120 30.121 |
|  | <p>BEYOND overpanel fitting, glass connector, with plastic socket for top pivot</p> | 10 mm 12 mm | 30.130 30.131 |
|  | <p>BEYOND glass connector, plastic, black, for connection of side panel at closing side</p> | 10 mm and 12 mm | 30.320 |

Continuous pivot rod

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

For the floor mounting of single-action, and particularly double-action doors, the 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 quiet door operation.

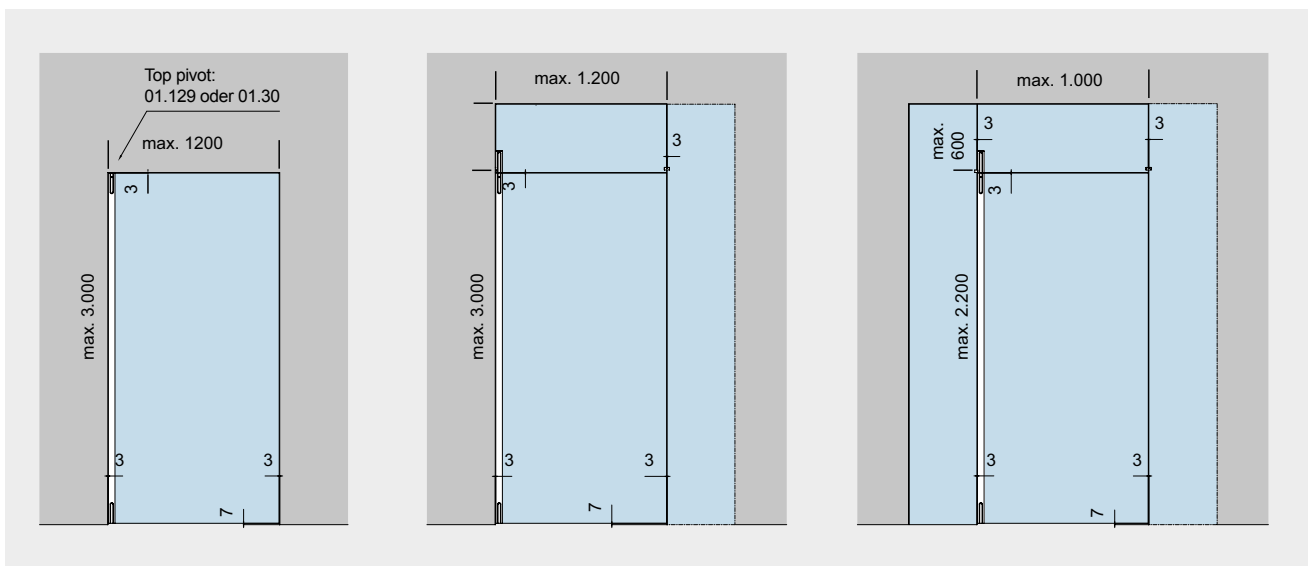
Depending on customer requirements, BEYOND offers suitable fittings for 10 mm and 12 mm glass.

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

For maximum values please see the typical assemblies.

Note:

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



Basic fitting for individual door.
For installation in masonry.

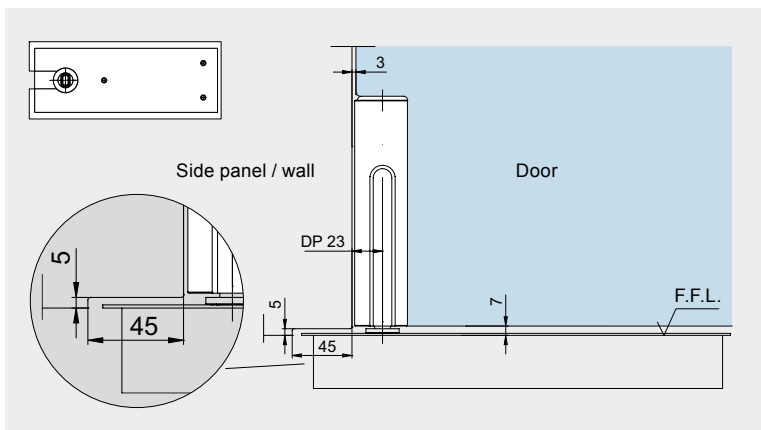
Max door height 3,000 mm
Max. door weight 80 kg

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

Max door height 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.

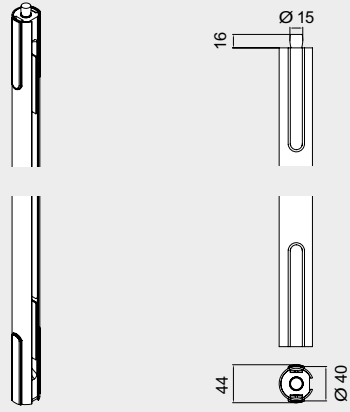
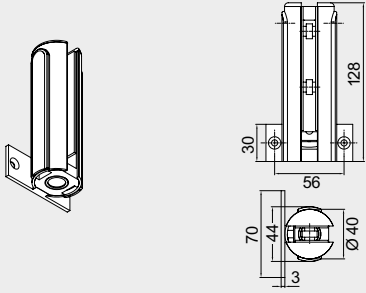
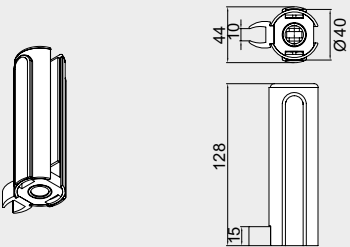
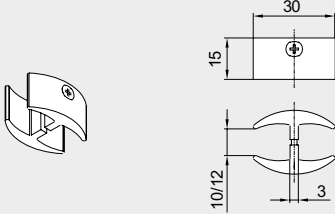
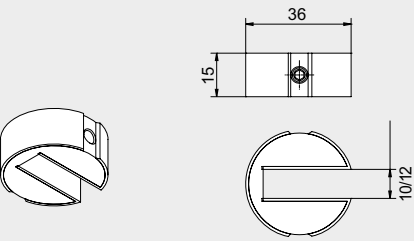
Max door height 2,200 mm
Max. door weight 80 kg



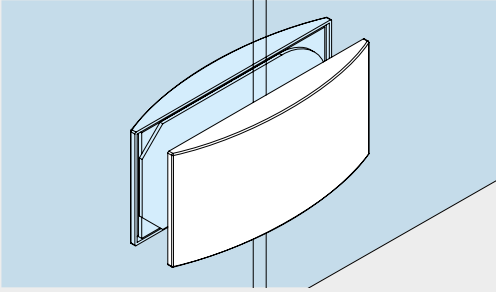
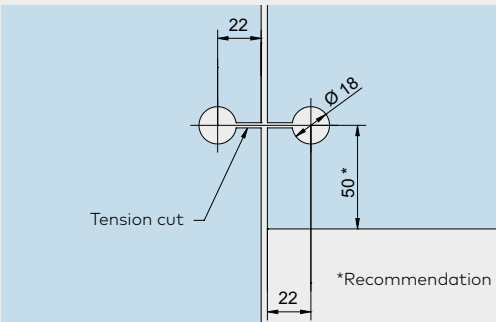
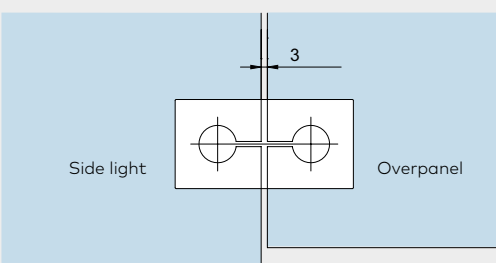
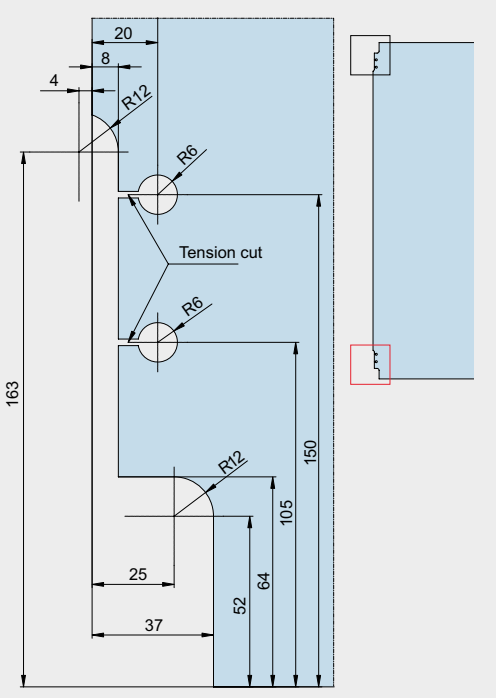
Combination BEYOND and BTS

(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

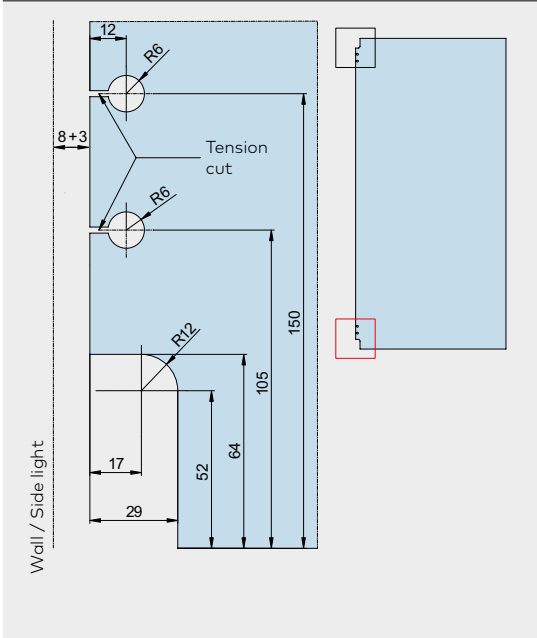
| | Product description | Glass thickness | Art. No. |
|---|--|-----------------------|--------------------------------|
|  | <p>BEYOND basic fitting: Pivoting fitting, long type, with pivot \varnothing 15 mm at top and insert for floor spring spindle (90° turnable, e. g. BTS 80) or round pivot at bottom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

Glass preparation

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

Product description

Art. No.

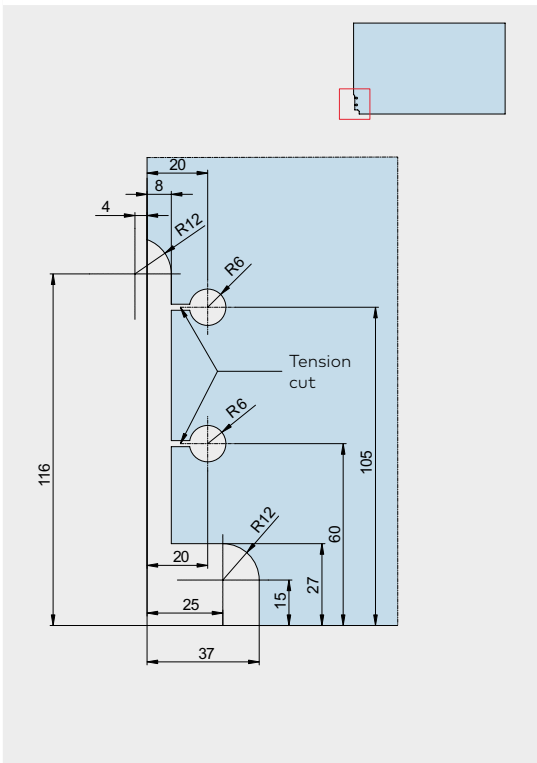


Pivoting fitting, long type

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

30.110

30.111



Overpanel fitting

Wall connector and
glass connector

30.120

30.121

30.130

30.131

Content

TENSOR

| | |
|----------|-----------------------------------|
| 134 | General information |
| 136 | Type illustrations |
| 100, 156 | Accessories |
| 169 | Safety-related information |



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.

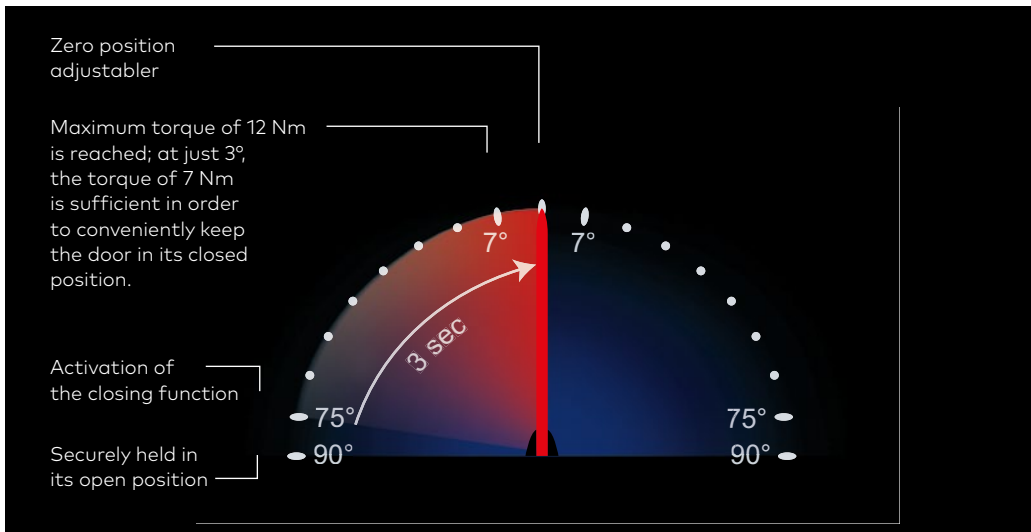
Excellent returns from every angle

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.

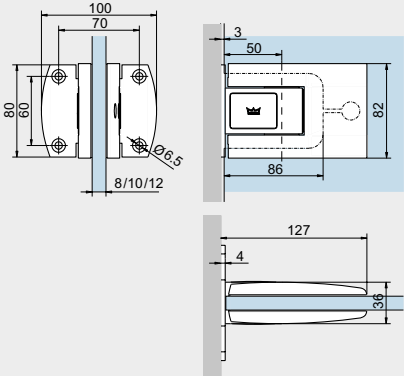
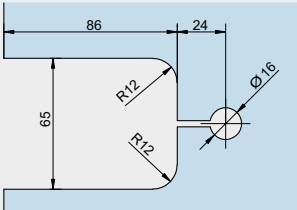
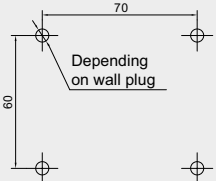
At 90°, the TENSOR system holds the door firmly and securely in position. Once pushed in the closing direction, the spring mechanism of the TENSOR fitting takes over, operating from an angle of 75°. The door closes quickly and securely. And even at an opening angle of 3°, the torque of 7 Nm created is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



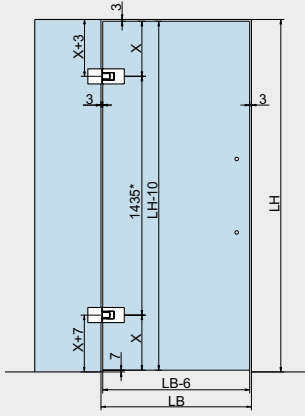
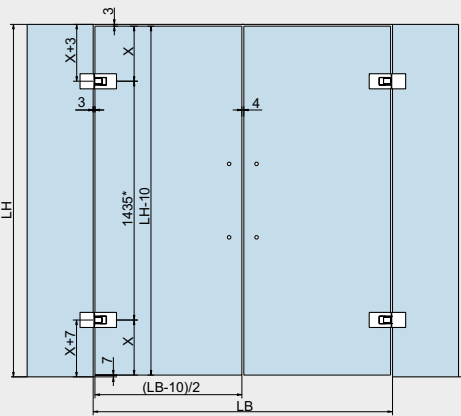


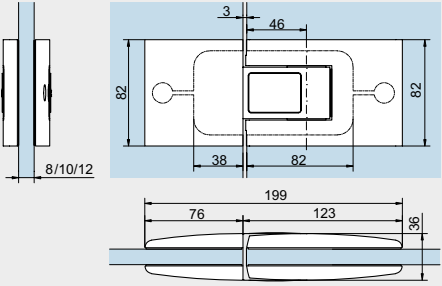
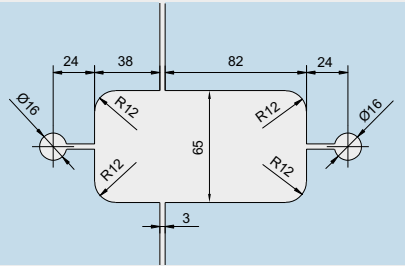
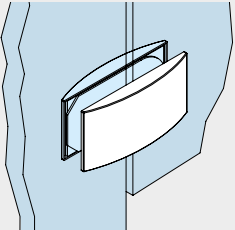
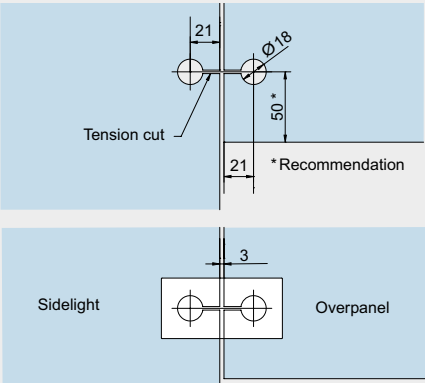
For wall / frame fixing

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

| | Product description | Glass thickness | Art. No. |
|---|---|----------------------------|---|
|  | <p>TENSOR Double-action hinges</p> <p>Pair of double-action hinges incl. mounting plate, round; for installation onto wall or frame with surface mounted mounting plate</p> <p>dto but with 2 stops (29.950)</p> <p>Finishes: AL EV1-Deco anodized (114) (compatible with finish 150) AL similar satin stainless steel anodized (113)</p> | <p>8, 10 and 12 mm</p> | <p>12.520</p> <p>12.527</p> |
|  | <p>Glass preparation</p> | | |
|  | <p>Drilling scheme</p> | | |
| | <p>Please note: Condition is a suitable substructure!</p> <p>For the frame installation our inside frame connector 12.526 is available (Detail: 12-152A).</p> <p>Excessive opening of the door must be prevented (max. 90°). Please use a door stop – see page 140</p> | | |

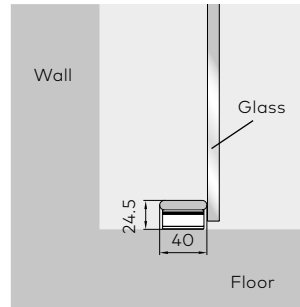
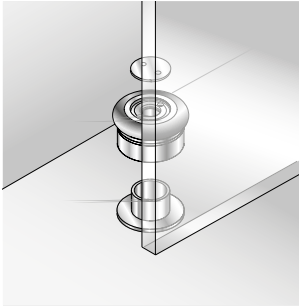
Glass to glass

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

| | Product description | Glass thickness | Art. No. |
|---|---|------------------------|---|
|  | <p>TENSOR Double-action hinges</p> <p>Pair of double-action hinges for installation glass to glasse</p> <p>dto but with 2 stops (29.950)</p> <p>Finishes: AL EV1-Deco anodized (114) (compatible with finish 150) AL similar satin stainless steel anodized (113)</p> | <p>8, 10 and 12 mm</p> | <p>12.523</p> <p>12.529</p> |
|  | <p>Glass preparation / Drilling scheme</p> <p>for Art. No. 12.523</p> | | |
|  | <p>Overpanel-sidelight connector</p> <p>Weight in kg: Aluminum 0.146</p> | | <p>12.536</p> |
|  | <p>Glass preparation / Drilling scheme</p> <p>for Art. No. 12.536</p> | | |

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. |
|--|--|---|--|
| | <p>Barrier free floor doorstop – Easy Stop for double-action doors Stainless steel adapter for bonding, UV-adhesives plastic cover</p> | <p>8 mm 10 mm 12 mm</p> | <p>10.592 10.593 10.594</p> |
| | <p>Barrier-free floor doorstop for single-action doors, stainless steel adapter for bonding, plastic cover</p> | | <p>10.591</p> |
| <p>Weight in kg: Aluminum 0.679</p> | <p>Weight in kg: Aluminum 0.335</p> | | |

Space for your notes

Content

VISUR

| | |
|-----|-----------------------------------|
| 144 | General information |
| 146 | Type illustrations |
| 147 | Complete sets |
| 149 | Components |
| 100 | Accessories |
| 169 | Safety-related information |



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



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.



Transom-concealed door closer

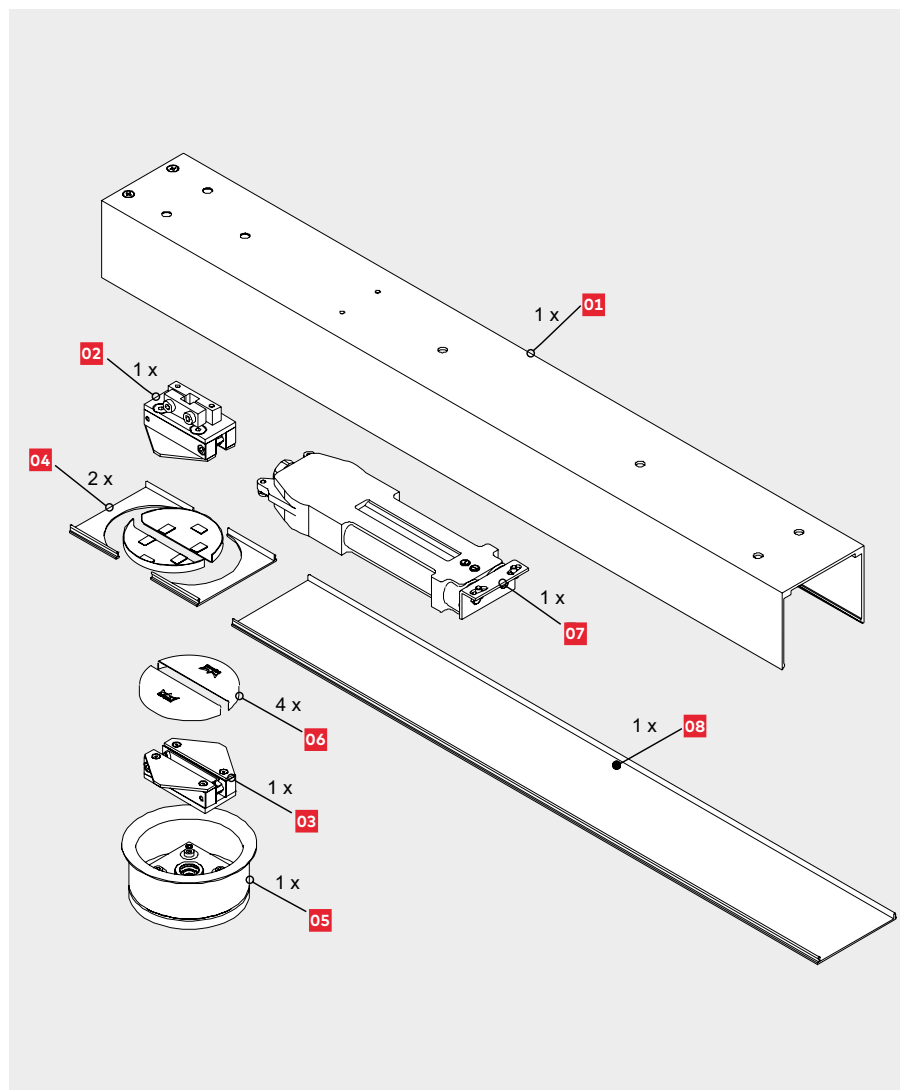
In the case of VISUR all-glass double-action door, the closing function is performed invisibly by the transom-concealed RTS 85 EN 3 door closer. This not only reliably returns the door to its zero position after each opening action, but also – thanks to special check back damping – protects the leaf 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.



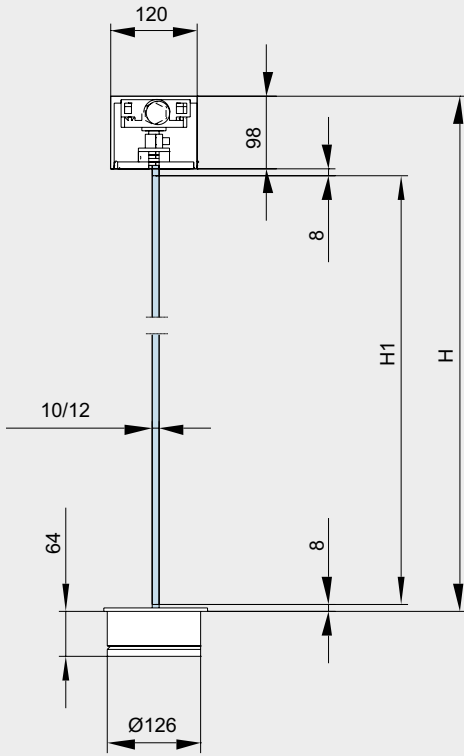
Scope of delivery



- 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
- 07**
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.)
- 08**
transom tube cover

Technical features

Pivoting door:



Materials and finishes

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

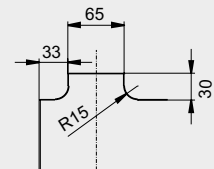
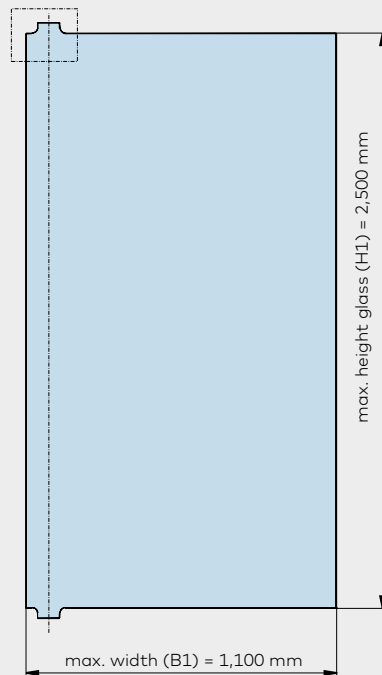
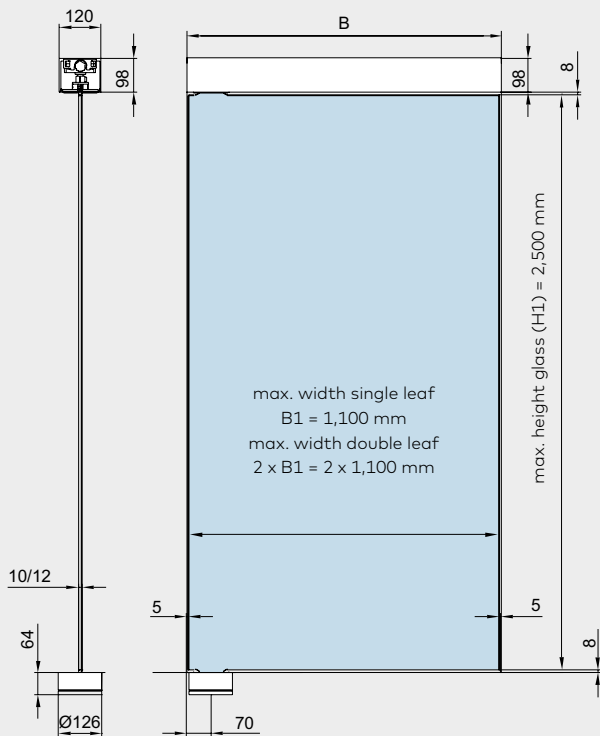
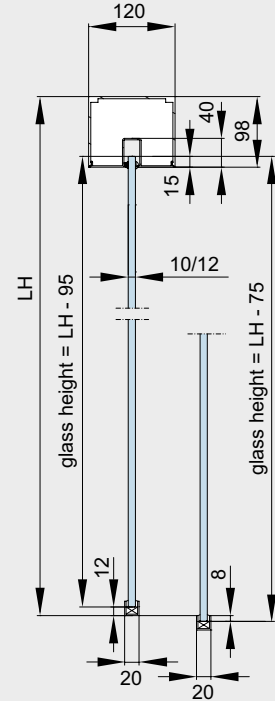
Dimensions

- 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:

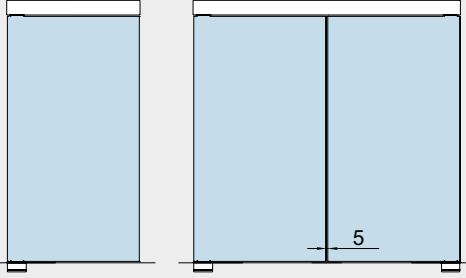
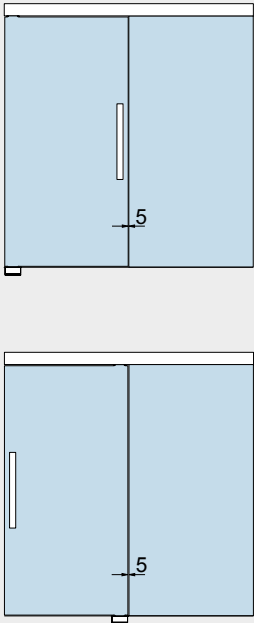
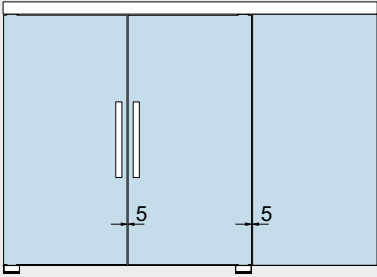
$H1 = H - 114$
 $B1 \text{ single leaf} = B - 10$
 $B1 \text{ double leaf} = \frac{B - 15}{2}$

Fixed panel:

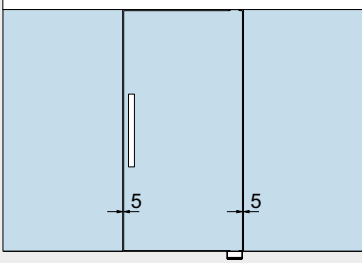
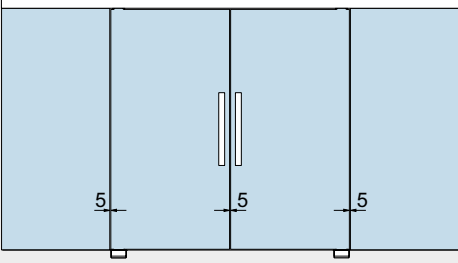


Design of the top glass 'tongue' and the bottom glass 'tongue' is alike

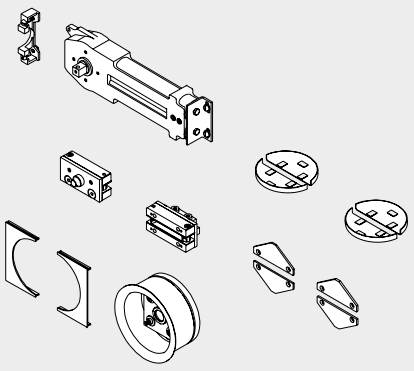
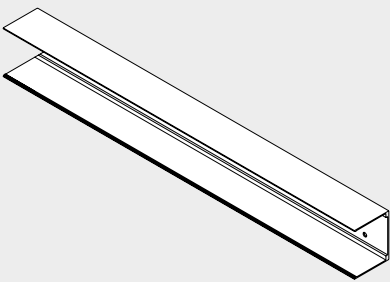
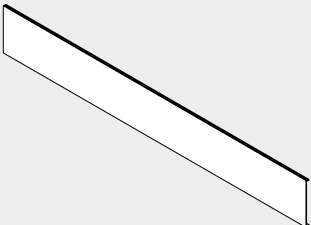
VISUR complete sets

| | Product description | Art. No. |
|---|--|---|
|  | <p>Complete set for single leaf doors incl. transom tube, RTS 85, top and bottom pivot</p> <p>do. for double leaf door</p> <p>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)</p> | <p>03.770</p> <p>03.771</p> |
|  | <p>Complete set for single leaf doors with one fixed sidelight incl. transom tube, RTS 85, top and bottom pivot</p> <p>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</p> | <p>03.790</p> |
|  | <p>do. for double leaf door with one sidelight</p> <p>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</p> | <p>03.792</p> |

VISUR complete sets

| | Product description | Art. No. |
|--|--|----------|
|  | <p>do. for double leaf door with fixed sidelight incl. transom tube, RTS 85, top and bottom pivot</p> <p>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</p> | 03.791 |
|  | <p>do. for double leaf door with two fixed sidelights</p> <p>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</p> | 03.793 |

VISUR components

| | Product description | Art. No. |
|---|--|----------------------|
|  | <p>VISUR set composed of RTS 85, top and bottom pivot</p> | <p>03.772</p> |
| | <p>VISUR set composed of top and bottom pivot, (without RTS 85)</p> <p>When installing the glass door, make sure there is sufficient space in the ceiling/transom!</p> | <p>03.773</p> |
|  | <p>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)</p> | <p>03.775</p> |
| | <p>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)</p> | <p>03.776</p> |
| | <p>VISUR transom tube profile in stock length 6,000 mm</p> | <p>03.789</p> |
|  | <p>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)</p> | <p>03.777</p> |
| | <p>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)</p> | <p>03.778</p> |
| | <p>VISUR transom tube cover profile in stock length 6,000 mm</p> | <p>03.780</p> |

Content

RP

| | |
|-----|---|
| 152 | General information |
| 153 | Type illustrations |
| 154 | Components |
| 164 | Handle bars, door knobs, recessed pull grips and brush seals |
| 169 | Safety-related information |



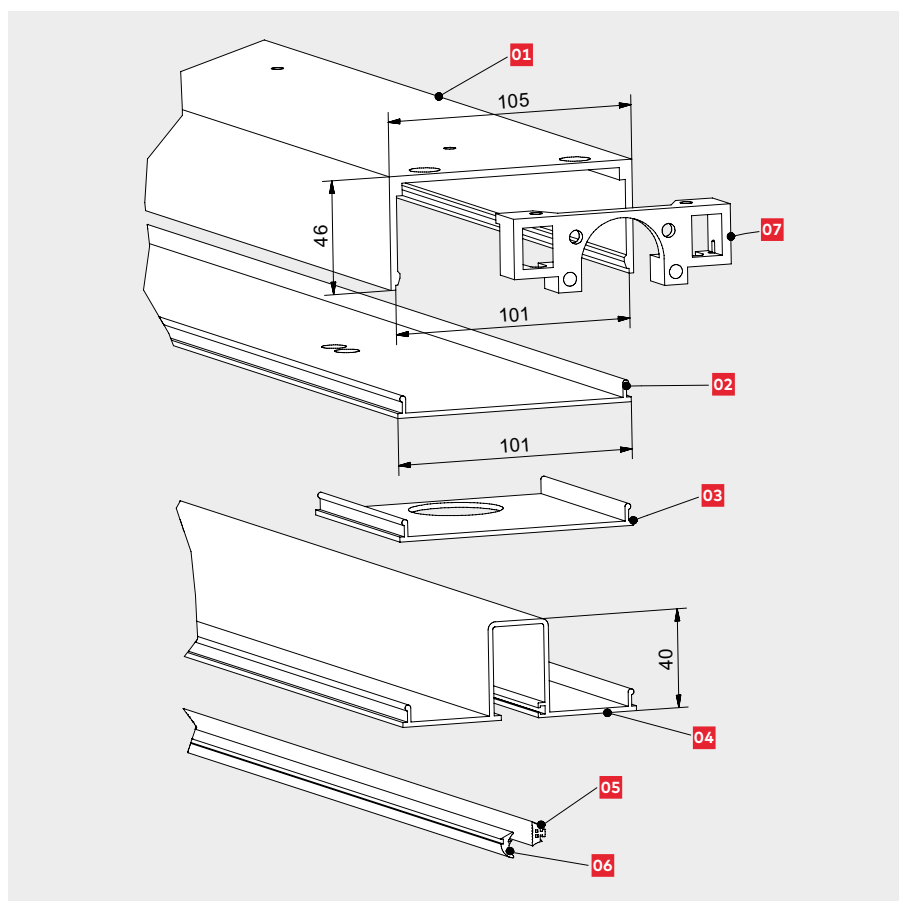
RP

Marvellously concealed transom door closer

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

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

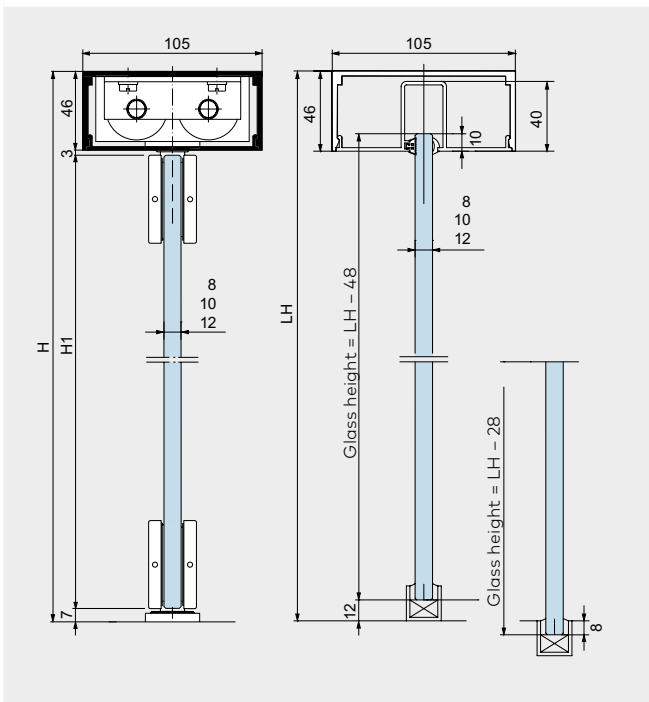
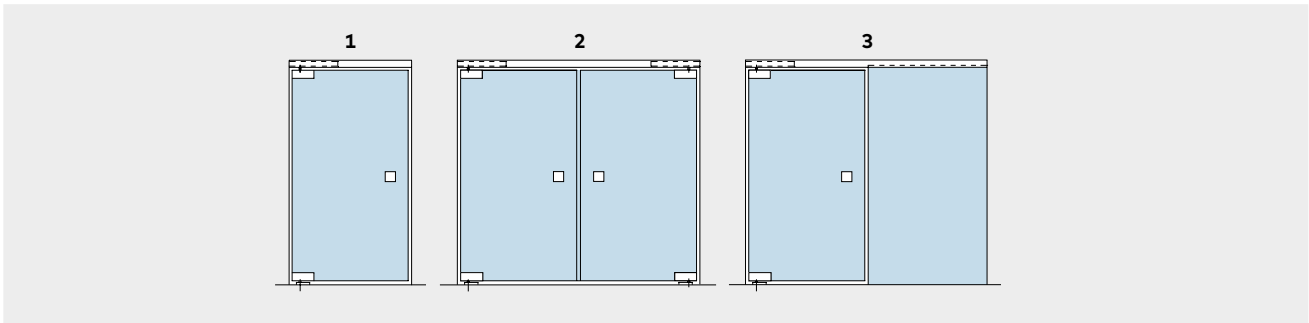
The RTS transom closer not only returns the door to the zero position each time it is opened, it also has a special dampening system to protect the door against unwanted impact caused by over-aggressive opening. In addition, the integral hold-open, which also comes as standard, enables the door to be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



Transom tube configuration:

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

Type selection



Options

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

Further versions up to 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

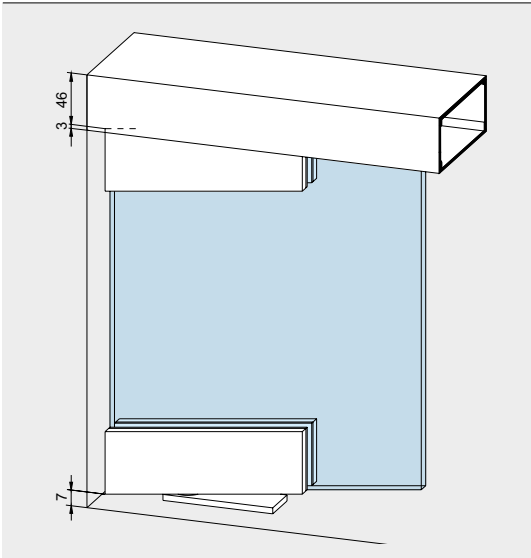
Also with door rails available

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

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

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

Double-action system for glass doors

| | Product description | Art. No. |
|---|---|---------------|
|  | <p>Double-action system for glass doors complete, consisting of 1 transom tube length 1,000 mm; 1 cover profile length 1,000 mm; 1 RTS 85 transom closer; EN3, hold open 90° (For door widths less than 800 mm, door closers of spring strength EN 2 may also be used. Please indicate requirement when ordering.) 1 fixing bracket; 1 bottom patch fitting PT 10; 1 top patch fitting PT 22; 1 floor pivot bearing</p> <p>Weight in kg: 8.083</p> <p>When ordering, please indicate the precise system dimensions or attach a corresponding drawing.</p> | 01.300 |

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

Content

Accessories

- 158 **Handle bars, door knobs, recessed pull grips**
- 168 **Finishes and colours**
- 175 **Safety-related information**



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.

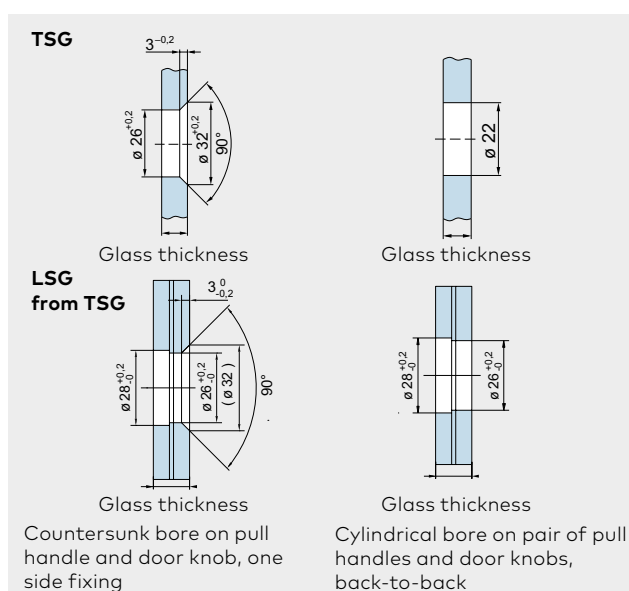
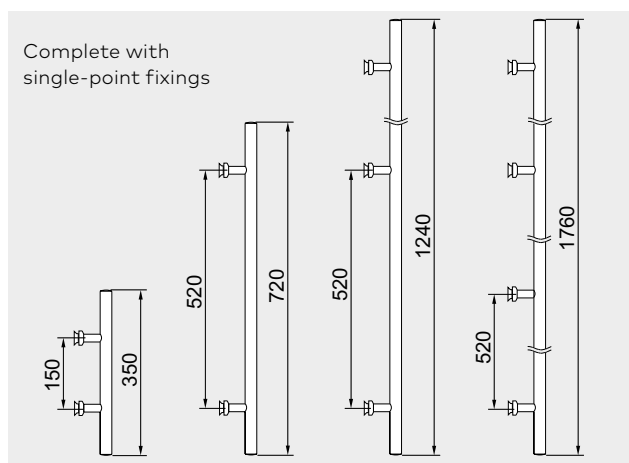
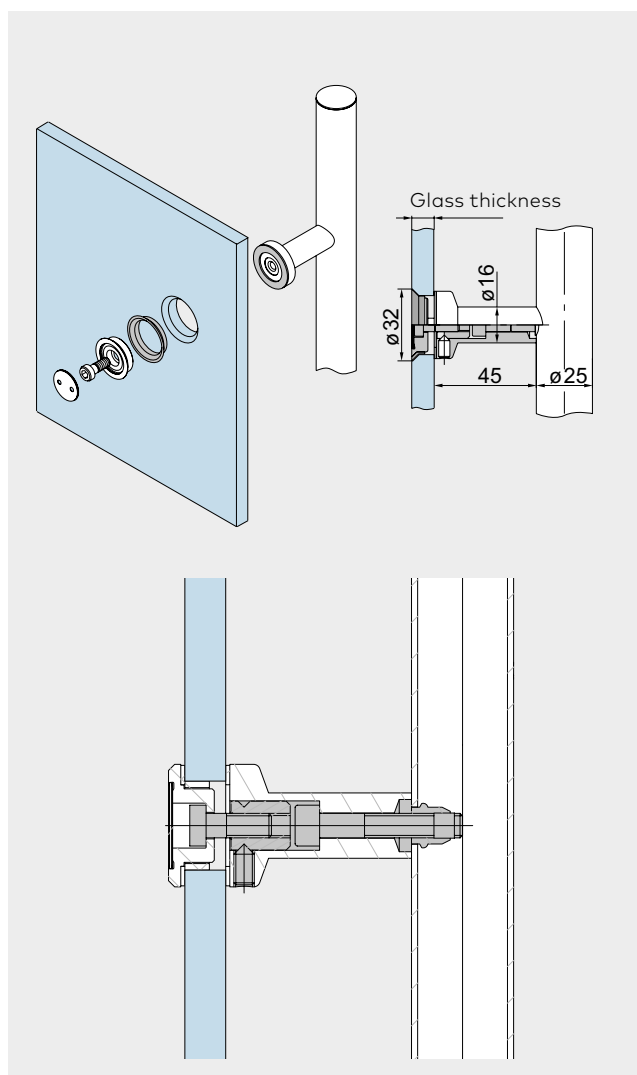


| | Product description | Glass thickness | Art. No. |
|--|--|-----------------|---------------------------------|
| | Pair of handle bars satin stainless steel length 350 mm, 2 fixing points, weight in kg: 1.254 material 1.4305 do., material 1.4404 | 8/10/12 mm | 21.267* 21.247 |
| | Pair of handle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

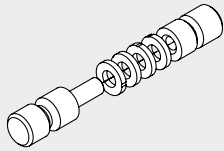
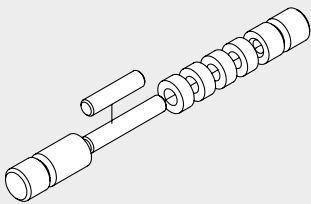
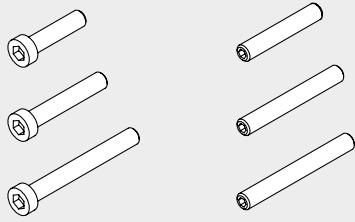
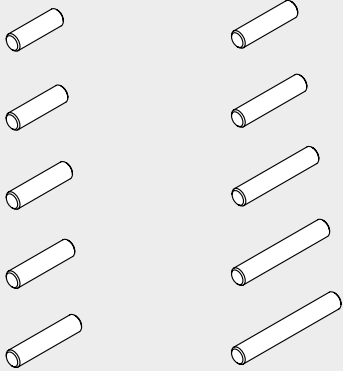
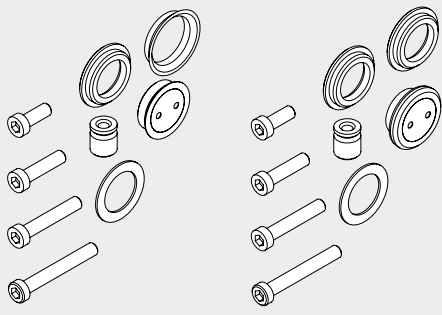
* Conversion sets for back to back pull handles for timber doors resp. other glass thicknesses see unter "Spacing adjustment for pull handles and door knobs", page 217.

Pull handles single

| | Product description | Glass thickness | Art. No. |
|--|---|-----------------|---------------|
|  | Pull handles with single-point fixings, countersunk Edelstahl | 8/10/12 mm | |
| | Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L | | 29.268 |
| | Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L | | 29.269 |
| | Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L | | 29.271 |
| | Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L | | 29.272 |
|  | Pull handles with single-point fixings, clamping disc | 8/10/12 mm | |
| | Pull handle 350 mm with 2 fixings, material 1.4305 do., AISI 316L | | 21.240 |
| | Pull handle 720 mm with 2 fixings, material 1.4305 do., AISI 316L | | 21.241 |
| | Pull handle 1,240 mm with 3 fixings, material 1.4305 do., AISI 316L | | 21.242 |
| | Pull handle 1,760 mm with 4 fixings, material 1.4305 do., AISI 316L | | 21.243 |

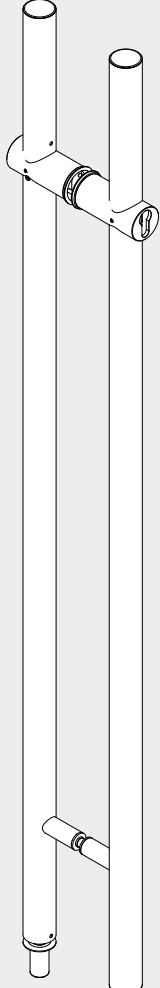


Spacing adjustment for pull handles and door knobs

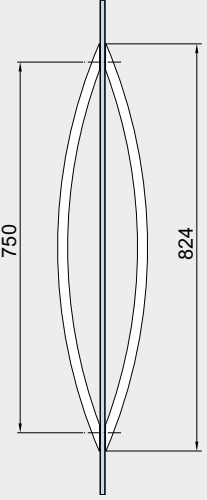
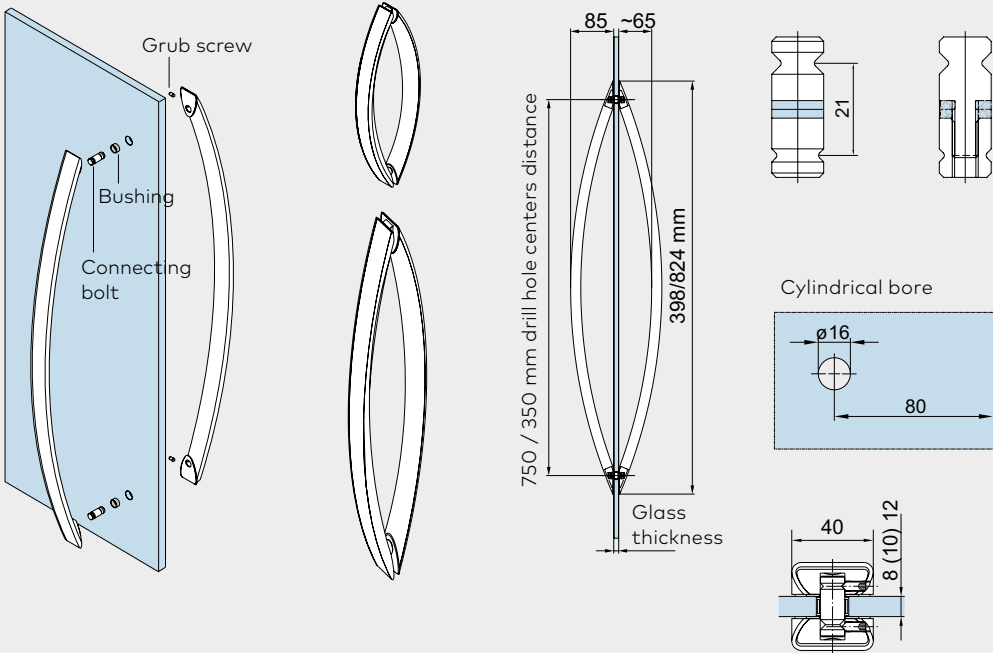
| | Product description | Door thickness | Art. No. |
|---|---|--|---|
|  <p>Distance washer 2 mm</p> | <p>Conversion set 1 for glass doors, pair of pull handles / knob back-to-back</p> <p>without distance washer with 1 distance washer with 2 distance washers with 3 distance washers with 4 distance washers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

*Not suitable for Arcos pull handles 26.500 / 26.510

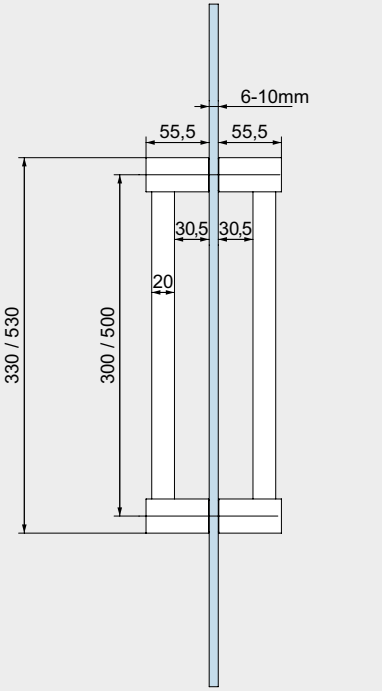
Pair of pull handles

| | Product description | Glass thickness | Art. No. |
|--|---|-----------------|---------------|
|  | Pair of stainless steel handlebars, lockable on both sides, prepared for standard PZ, length 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. | | |

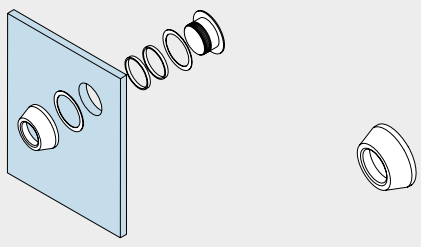
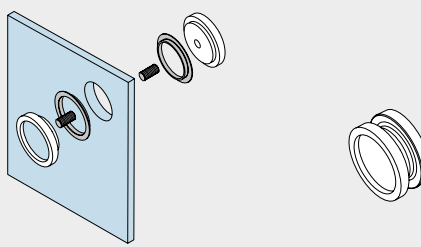
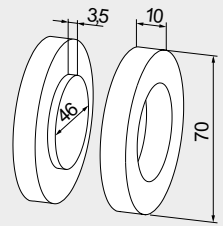
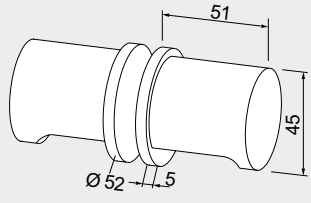
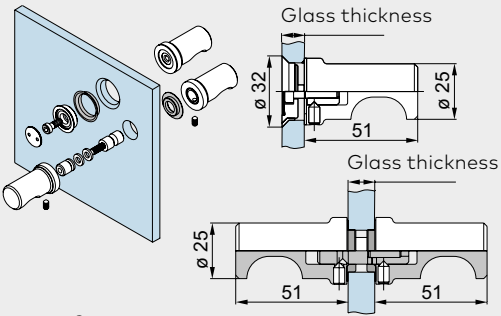
Arcos pull handle

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

Handle bars

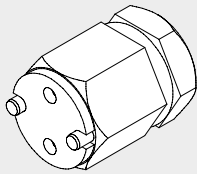
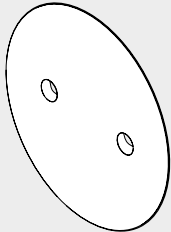
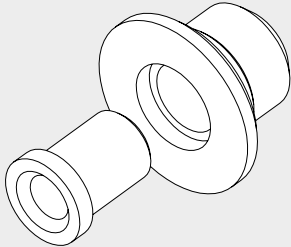
| | Product description | Art. No. |
|--|---|--|
|  | <p>Pull handle "Quadrat" Glas thickness 6 - 10 mm with 2 fixings Ø 12 mm</p> <p>Length 300 mm Length 500 mm</p> | <p>75.084 75.085</p> |

Recessed pull grips and door knobs

| | Product description | Glass thickness | Art. No. |
|--|--|------------------------|---|
|  <p>Ø 38 mm Glass bore</p> | Recessed pull grip Ø 50 mm | 8/10/12 mm | 21.290 |
|  <p>Ø 50 mm Glass bore</p> | Recessed pull grip Ø 60 mm | 8/10/12 mm | 21.291 |
| | Recessed pull grip with grip hole Ø 60 mm | 8 mm 10 mm 12 mm | 21.292 21.293 21.294 |
|  <p>Ø 50 mm Glass bore</p> | Recessed pull grip aluminum to be glued onto the glass Weight in kg: 0.072 | | 07.200 |
|  <p>Ø 20 mm Glass bore</p> | Door knob, aluminum Weight in kg: 0.400 | | 07.201 |
|  <p>Single-point fixing clamping disc (Ø 22 mm)</p> <p>(Glass preparation please see under "pull handles single", page 216)</p> | 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 |
| | 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.

Accessories / Assembling aid

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

Space for your notes

Finishes and colours

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

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

| Standard finishes and colours | STUDIO Rondo | STUDIO Classic | STUDIO Gala 2.0 | STUDIO Arcos | STUDIO Medio | OFFICE Junior | OFFICE Classic | OFFICE Mundus | OFFICE Arcos | BEYOND | TENSOR | 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 (Standard powder according to RAL) (399) | • | • | | • | • | • | • | • | • | | | | • |
| Brass, polished chrome (501) | • | | | | | | | | | | | | |
| Brass, polished varnished (502) | • | | | | | | | | | | | | |
| 750 / 700 satin stainless steel | | | | | | • | | • | | | | | |
| 751 / 701 polished stainless steel | | | | | | | | • | | | | | |

Safety-related information

Important safety-related information for the mounting and use of 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

1. dormakaba recommends the use of TSG-H (heat-stored tempered safety glass) according to DIN EN 12150-1.
2. 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 position will be.
5. Pivoting panels must not be thrown too hard. If there is a risk of over-turning, this must be prevented by a door stop.

Mounting

1. Only properly qualified and specially trained staff is authorised to mount 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.
5. Never use clamping shoes on structured glass surfaces (except on satined glass) or glass of heavily varying thickness unless with a corresponding levelling layer.
6. Never use clamping shoes on self-cleaning coatings.
7. When adjusting glass elements, always stick to the required clearance for the respective fitting. Adjust clearance so that the glass does not touch hard components such as glass, metal or concrete.
8. Make sure not to use excessive force when installing the glass (avoid local stress resulting from very tight screws).

Maintenance

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

General care instructions

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

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

For practical planning, please use our drawings 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.



www.glas-innovationen.com/en



**Door
Hardware**



**Electronic
Access & Data**



**Mechanical
Key Systems**



Lodging Systems



**Entrance
Systems**



**Interior Glass
Systems**



Safe Locks



Service

dormakaba
International Holding AG
Hofwisenstrasse 24
CH-8153 Rümlang
T +41 44 818 90 11
info@dormakaba.com
www.dormakaba.com

Manual Single-Action Double-Door Systems

Technical brochure 2021

dormakaba

