

Hardware Solutions
for Glass Doors

OBJEKT Fittings



OBJEKT OLIS
OBJEKT ALEA
ATELIER F/R
Accessories



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Various Opportunities

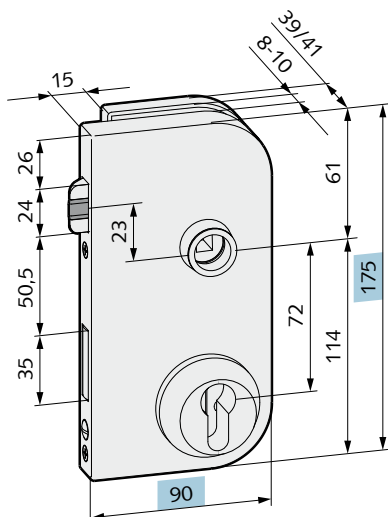
The locks and hinges of the series OBJEKT are suitable for high frequented doors in the commercial sector and tested according to DIN EN 12209 and DIN EN 1935. Reliable Quality – your advantage.

Select your fittings from the series OBJEKT OLIS and OBJEKT ALEA (with optimized frame connecting dimensions) as well as ATELIER F/R (compact design).

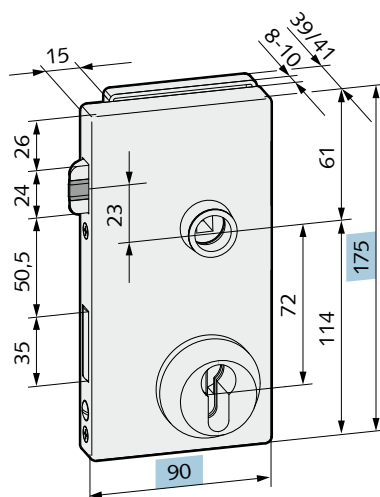
The locks with noise-reducing latch are also available in a protected version for doors in high humidity environments (corrosion protection class 4 according to DIN EN 1670).

The locks and hinges are suitable for 8 and 10 mm ESG. Information for use with VSG, see page 5.

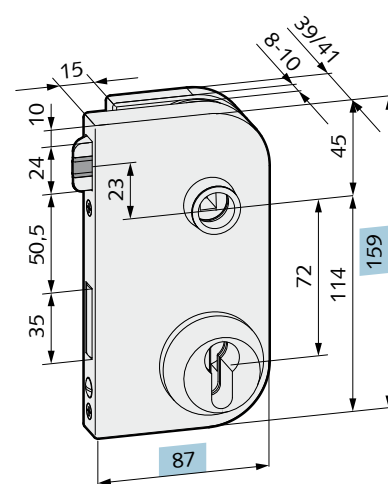
Other products such as lever handles, frame pivots and door seals complete the extensive program.



OBJEKT OLIS



OBJEKT ALEA



ATELIER F/R

High-Quality Surfaces

The individual and high-quality look of your glass door is only perfect by use of a premium surface of the fittings.

The surface is affected by two parameters – the structure and the colour. The structure of our locks and fittings is grinded and brushed (E4) in order to achieve the best possible surface quality.

The colour design of anodized aluminium surfaces is based on the EURAS standard colour swatch. The colour C-0 (---.112) is a silver anodized surface and C-31 (---.137) is a stainless steel anodized surface.

The surface stainless steel finish (---.198) will give your fittings a special high-quality, modern stainless steel optic. This aluminium based surface is up to 100% identical with Stainless Steel 304 brushed.

Create accents with our high-quality surfaces. For detailed information of further available surfaces, please see each chapter or contact us with your requirements.



**E4/C-0
silver
anodized
(---.112)**

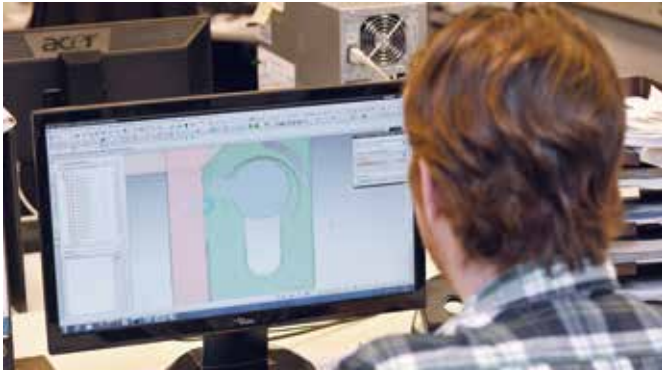


**E4/C-31
stainless steel
anodized
(---.137)**



**stainless steel
finish
(---.198)**

Quality – Made in Germany



The good idea is the beginning of every product. A team of qualified designers and engineers develop in a continuous dialogue with you, our customers, products in an outstanding quality at the headquarter in Heiligenhaus.

An important element is a modern production, subject to the process of continuous monitoring and control. Only the best products pass the tests on our test stands. Durability-, salt spray-, stress test – we test our products through their paces. We build knowledge, upgrade it, develop it further and create products that prevail in the market by their durability, quality and design.

Construction, development and production are certified according to DIN EN ISO 9001:2015.

High stock quantities of standard products, short delivery times and decision paths allow for a prompt and straight forward proceeding of your orders. We act fast, flexible and always in accordance with our customers.

We grant a 5 year warranty from the date of delivery assumed a proper installation and use for the products of the series OBJEKT OLIS, OBJEKT ALEA and ATELIER F/R.

Development and final product – WSS focuses on quality Made in Germany.



Corrosion protection classes according to DIN EN 1670

Most locks and fittings of the series OBJEKT correspond in the standard version to the corrosion protection class 3, tested according to DIN EN 1670 (application: public administration buildings and shopping malls).

For doors in high-humidity environments (HHE) we recommend locks and fittings tested according to corrosion protection class 4. The doors can be temporarily exposed to moisture by splashing water or high humidity (application: sanitary facilities and surgery).

We cannot recommend the use of the locks and fittings in swimming pools and salt-water baths with significant chloride and/or sulfur dioxide pollution.

Information for use with VSG

With a few exceptions, the locks and fittings in this catalogue are also suitable for VSG (8,76 and 10,76 mm), made of 2x ESG. If required, we ask you to clarify the technical details for further coordination.

Due to the special characteristics of VSG we recommend to additionally glue the locks and fittings to the glass.

Our technical information for ESG applies when using VSG with pressure resistant interlayer.

The use of other VSG glass it at your own risk.

Corrosion protection	Corrosion resistance
class 0	no specified resistance
class 1	low resistance
class 2	medium resistance
class 3	high resistance
class 4	very high resistance

All-in Solutions for Escape Doors



Do not panic – thanks to tested WSS security!

Panic devices require enormous demands on the fitting technology – because in an emergency, they save lives. The quick and easy opening of the escape doors in emergency situations with panic fittings have been successfully tested and certified according to DIN EN 179 and DIN EN 1125.

Safety, reliability and last but not least the aesthetic of the WSS panic fittings were perfectly combined in the series OBJEKT OLIS and OBJEKT ALEA. Always on the safe side with WSS.

Technical Details:

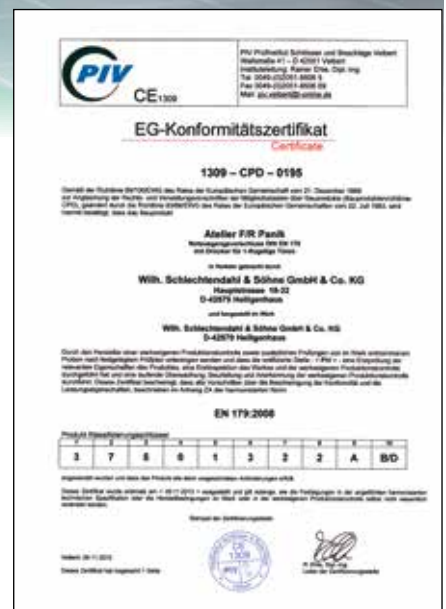
- 8–12 mm ESG
- max. 100kg door weight
- max. 1.200mm door width

Models:

- Panic lock with fixed knob and lever handle (DIN EN 179), function E
- Panic lock with lever handle on both sides (DIN EN 179), function B and D
- Panic lock with push bar (DIN EN 1125), function B, D and E
- Panic locks according to DIN EN 179 are also available for inward opening doors

Accessories:

- Strike box for fixed side panel
- Hinges, sleeves and frame pivots
- Profile cylinder and electronic cylinder with AP-function
- Double action door patch fittings and -rails
- Single action door patch fittings and -rails



Test certificate according to DIN EN 179:2008



Test certificate according to DIN EN 1125:2008

DIN Standards for Emergency Exit- and Panic Doors

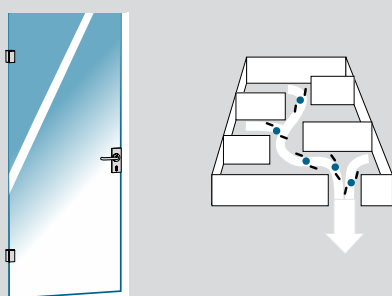
DIN EN 179:



Locks for emergency exit doors

The panic locks with fixed knob and lever handles on both sides for emergency exit doors are used in buildings where panic is unlikely to occur. The people involved are familiar with the emergency exits and how the emergency exit doors work.

Application areas: offices, workshops



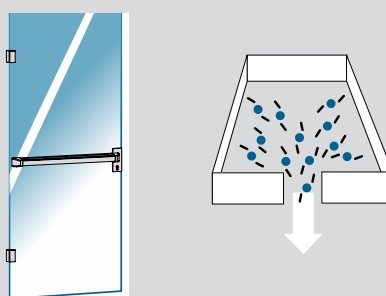
DIN EN 1125:



Locks with panic push bar for panic doors

Panic locks with panic push bar are used in buildings where panic is likely to arise if a dangerous situation occurs. The people involved are not familiar with how the emergency exit doors work. In an emergency, a safe emergency escape route must be provided even in a high-pressure situation.

Application areas: schools, hospitals, public administration buildings, shopping malls, airports, hotels, theatres, cinemas, stadia, discotheques/night clubs and concert halls



Locking functions B, D and E

Function B (switch function)

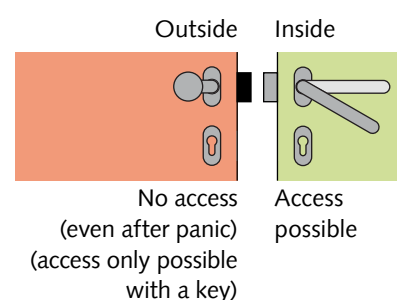
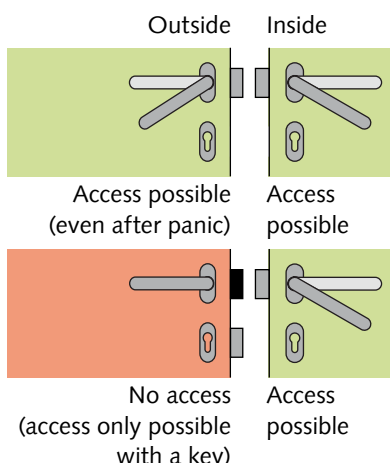
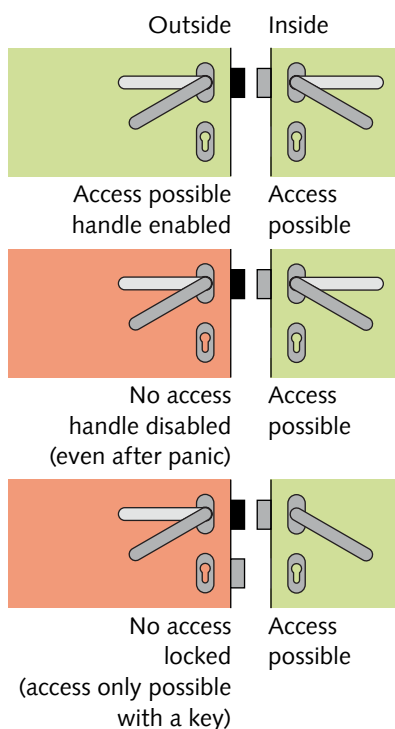
For doors which must allow a temporary access from the inside and outside. After a panic release from the inside, the outer handle is still in idling mode.

Function D (passage function)

For doors which must allow a temporary access from the inside and the outside. After a panic release from the inside the door is accessible from the outside, e.g. to allow an easy access for rescue staff.

Function E (lever set function)

For doors where an unauthorized access from the outside must always be prevented. The door cannot accidentally be unlocked because after shutting the door, the opening from the outside is only possible by key.





OBJEKT OLIS

Quality und Design.

Solutions for the commercial sector

Technical Details:

Glass: 8 and 10mm ESG (12 mm on request)
8,76 and 10,76mm VSG, made of 2x ESG

Door weight: max. 80 kg

Door width: max. 1.000mm

Frame rebate depth: 24 to 45mm possible

Lock: analogue DIN EN 12209
latch endurance test: 500.000 cycles
(requirement: max. 200.000)
bolt locking test: 100.000 cycles
(requirement: max. 50.000)

Corrosion protection: .. analogue DIN EN 1670 / class 3 or 4


Bolt projection: 20mm (double throw)

Profile cylinder: 63 mm (flush assembly according to DIN 18257)

Hinge: analogue DIN EN 1935
closing cycles: 500.000
(requirement: 200.000)

Application: installation in frames according to DIN 18101/18111

Features:

- for doors in the commercial sector with high frequency use
- Locks and hinges in rounded design
- Lock with noise-reducing latch
- for standard lever handles with 18mm shoulder guide optional also with roses
- for 10mm ESG and 24mm frame rebate depth the latch and bolt head can be supplied machined
- Panic locks tested according to DIN EN 179/1125 

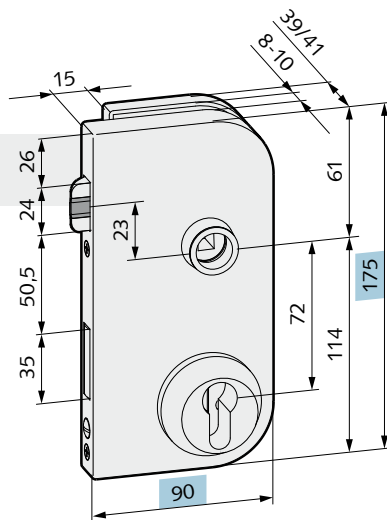
Materials and surfaces:

Aluminium	E4/C-0 silver anodized.....	112
	E4/C-31 stainless steel anodized.....	137
	polished chrome.....	174
	stainless steel finish.....	198
	in special colour anodized.....	199
	RAL 9010 pure white powder coated.....	250
	RAL powder coated.....	295

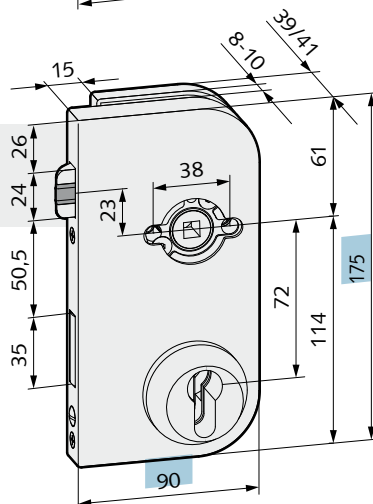
Further information:

Glass preparations.....	Page 46–47
Door weights.....	Page 48–49
Installation details.....	Page 50–55

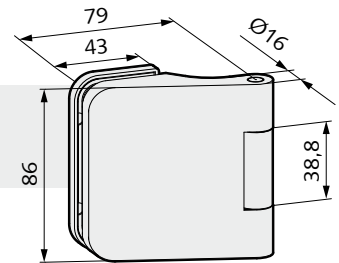
PZ-Lock
with shoulder guide



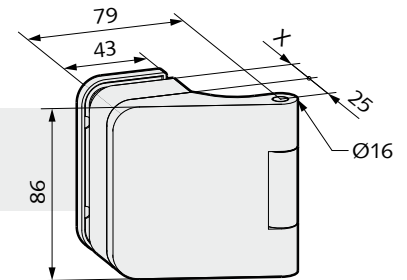
PZ-Lock
prepared for lever handles
with roses



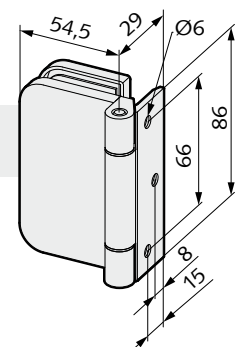
Hinge with sleeve
for 24 mm
frame rebate depth

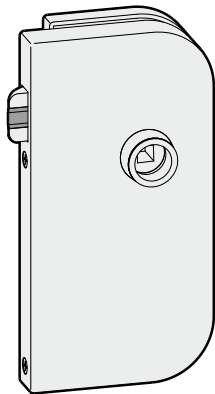


Hinge with sleeve
up to 45 mm
frame rebate depth

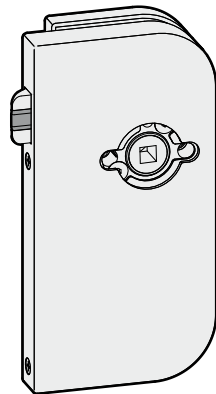


Hinge with fixing plate
for non-rebated door frames





with projection guide



for lever handles with roses

UV-Lock

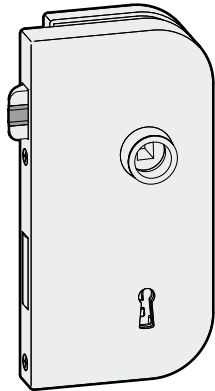
- Latch lock, non locking
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

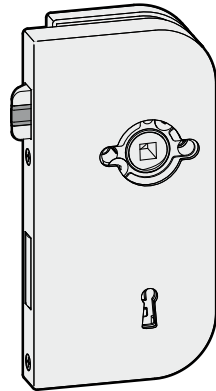
Art.-N°	Execution	Corrosion protection
21.101.0510.---	DIN left	class 3
21.101.0520.---	DIN right	class 3
21.601.0510.---	DIN left	class 4
21.601.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.117.0510.---	DIN left	class 3
21.117.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

BB-Lock

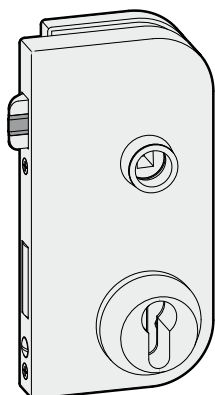
- Warded lock with 2 keys
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

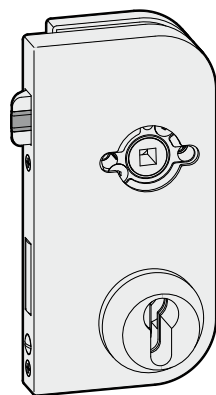
Art.-N°	Execution	Corrosion protection
21.103.0510.---	DIN left	class 3
21.103.0520.---	DIN right	class 3
21.603.0510.---	DIN left	class 4
21.603.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.127.0510.---	DIN left	class 3
21.127.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

PZ-Lock with PZ-rose

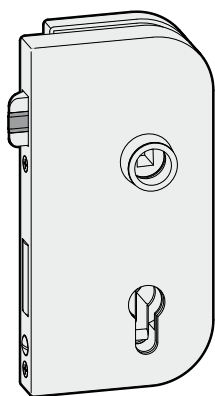
- Lock prepared for profile cylinder
- with PZ-rose for flush assembly of a profile cylinder, 63 mm length according to DIN 18257
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

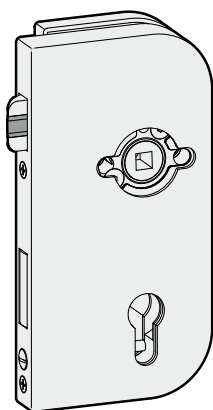
Art.-N°	Execution	Corrosion protection
21.105.0510.---	DIN left	class 3
21.105.0520.---	DIN right	class 3
21.605.0510.---	DIN left	class 4
21.605.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.137.0510.---	DIN left	class 3
21.137.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

PZ-Lock without PZ-rose

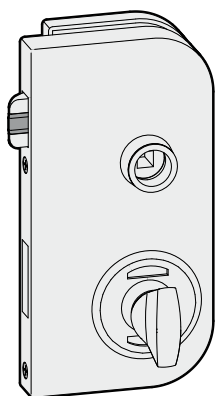
- Lock prepared for profile cylinder
- without PZ-rose
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

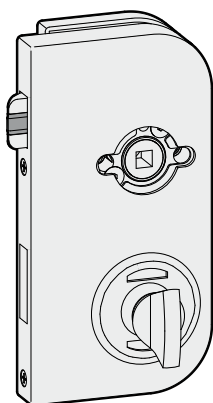
Art.-N°	Execution	Corrosion protection
21.105.5510.---	DIN left	class 3
21.105.5520.---	DIN right	class 3
21.605.5510.---	DIN left	class 4
21.605.5520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.137.5510.---	DIN left	class 3
21.137.5520.---	DIN right	class 3



with projection guide



for lever handles with roses

WC-Lock

- Lock with thumb turn and "red/white" indicator
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

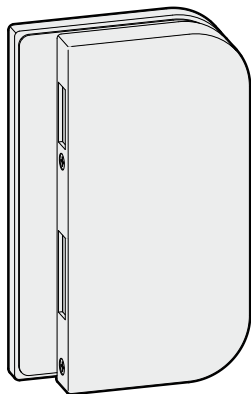
Art.-N°	Execution	Corrosion protection
21.109.0510.---	DIN left	class 3
21.109.0520.---	DIN right	class 3
21.609.0510.---	DIN left	class 4
21.609.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.147.0510.---	DIN left	class 3
21.147.0520.---	DIN right	class 3

Note:

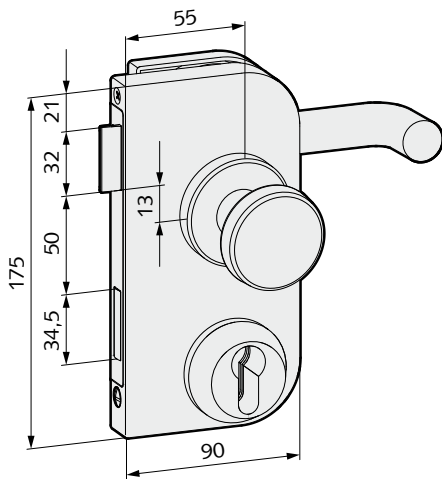
The thumb turn can be assembled on lock side or alternatively on clamping plate side.



GK-Strike box

- Strike box for double leaf doors
- Glass thickness: 8 (10) mm

Art.-N°	Execution	Corrosion protection
21.115.0510.---	DIN left	class 3
21.115.0520.---	DIN right	class 3
21.613.0510.---	DIN left	class 4
21.613.0520.---	DIN right	class 4



Panic lock with fixed knob and lever handle

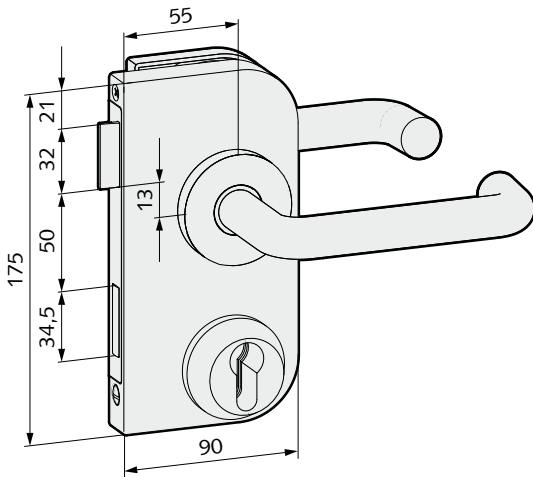
- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm



Art.-N°	Execution	Function	Corrosion protection
21.201.0612.---	DIN left	E	class 3
21.201.0622.---	DIN right	E	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .198 Al stainless steel finish
- .295 Al RAL powder coated



Panic lock with lever handles on both sides

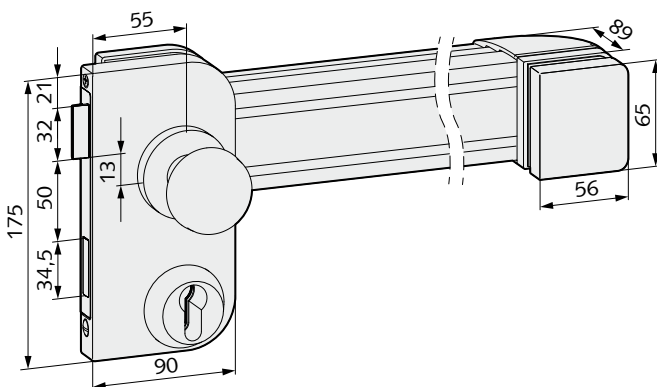
- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm



Art.-N°	Execution	Function	Corrosion protection
21.203.0612.---	DIN left outward	B	class 3
21.203.0622.---	DIN right outward	B	class 3
21.205.0612.---	DIN left outward	D	class 3
21.205.0622.---	DIN right outward	D	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .198 Al stainless steel finish
- .295 Al RAL powder coated



Panic lock with panic push bar and fixed knob

- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm



Art.-N°	Execution	Function	Corrosion protection
21.207.0612.---	DIN left outward	E	class 3
21.207.0622.---	DIN right outward	E	class 3

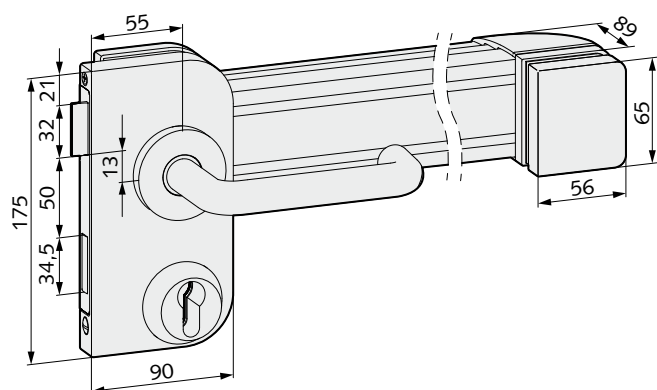
Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .295 Al RAL powder coated

Note:

Please specify the exact leaf width (max. 1.200mm) and consider the glass preparation details on page 47.

For further information about the locks for emergency exit- and panic doors, please see pages 6 and 7.



Panic lock with panic push bar and lever handle



- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm

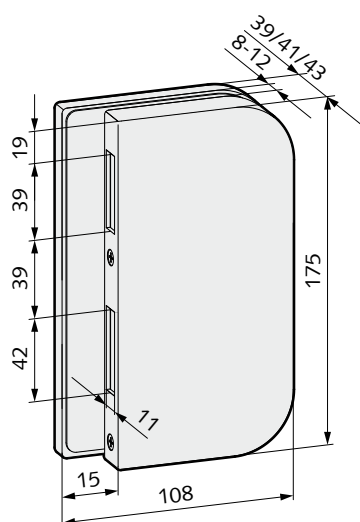
Art.-N°	Execution	Function	Corrosion protection
21.209.0612.---	DIN left outward	B	class 3
21.209.0622.---	DIN right outward	B	class 3
21.211.0612.---	DIN left outward	D	class 3
21.211.0622.---	DIN right outward	D	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .295 Al RAL powder coated

Note:

Please specify the exact leaf width (max. 1.200 mm) and consider the glass preparation details on page 47.



Strike box for panic lock

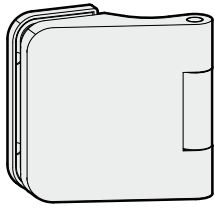
- Strike box for fixed side panel
- Glass thickness: 8 (10/12) mm

Art.-N°	Execution	Corrosion protection
21.213.0610.---	DIN left	class 3
21.213.0620.---	DIN right	class 3

Available surfaces:

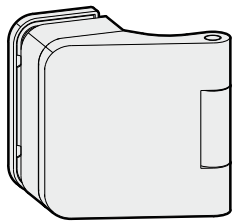
- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .198 Al stainless steel finish
- .295 Al RAL powder coated

For further information about the locks for emergency exit- and panic doors, please see pages 6 and 7.



Hinge with sleeve

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.300.0500.---	8 (10)mm	24 (26)mm	class 3
21.618.0500.---	8 (10)mm	24 (26)mm	class 4

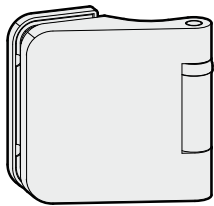


Hinge with sleeve up to 45 mm frame rebate depth

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.302.0401.---	8 mm	40 mm	class 3
21.304.0402.---	8 mm	26-45 mm	class 3
21.306.0901.---	10 mm	40 mm	class 3
21.308.0902.---	10 mm	26-45 mm	class 3

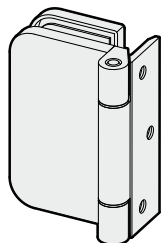
Note:

Please specify the exact frame rebate depth.



Hinge with ball bearing and sleeve

Art.-N°	Execution	Glass thickness	Frame rebate depth	Corrosion protection
21.310.0510.---	DIN left	8 (10)mm	24 (26)mm	class 3
21.310.0520.---	DIN right	8 (10)mm	24 (26)mm	class 3



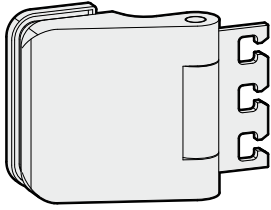
Hinge with fixing plate

- for non-rebated door frames
- suitable up to 50kg door weight

Art.-N°	Glass thickness	Corrosion protection
21.320.0500.---	8-10mm	class 3

Note:

Please consider the glass preparation details on page 47.



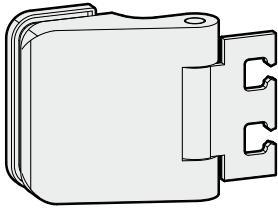
Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for metal frames** for frame pocket VN 7608/120 3D

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.500.0900.---	10mm	26 mm	class 3
21.502.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



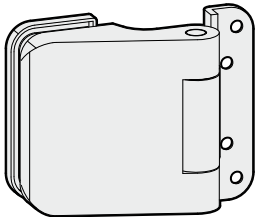
Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for metal frames** for frame pocket VN 7608/160 3D

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.506.0900.---	10mm	26 mm	class 3
21.508.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



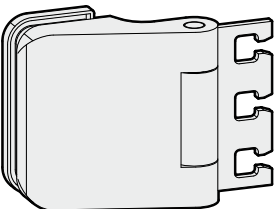
Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for timber frames**
- to screw on

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.512.0900.---	10mm	26 mm	class 3
21.514.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for timber-, metal- and aluminium frames** for frame pockets VX

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.518.0900.---	10mm	26 mm	class 3
21.520.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.

¹The door hinges up to 80 kg door weight can also be used for 12 mm glass thickness. Please increase the frame rebate depth by 2 mm.




OBJEKT ALEA

Elegant and timeless –
a classic combination.

Technical Details:

Glass:	8 and 10mm ESG (12 mm on request) 8,76 and 10,76mm VSG, made of 2x ESG
Door weight:	max. 80 kg
Door width:	max. 1.000mm
Frame rebate depth:	24 to 45mm possible
Lock:	analogue DIN EN 12209 latch endurance test: 500.000 cycles (requirement: max. 200.000) bolt locking test: 100.000 cycles (requirement: max. 50.000)
Corrosion protection: ..	analogue DIN EN 1670 / class 3 or 4
Bolt projection:	20mm (double throw)
Profile cylinder:	63 mm (flush assembly according to DIN 18257)
Hinge:	analogue DIN EN 1935 closing cycles: 500.000 (requirement: 200.000)
Application:	installation in frames according to DIN 18101/18111

Features:

- for doors in the commercial sector with high frequency use
- Locks and hinges in square design
- Lock with noise-reducing latch
- for standard lever handles with 18 mm shoulder guide optional also with roses
- for 10mm ESG and 24 mm frame rebate depth the latch and bolt head can be supplied machined
- Panic locks tested according to DIN EN 179/1125 

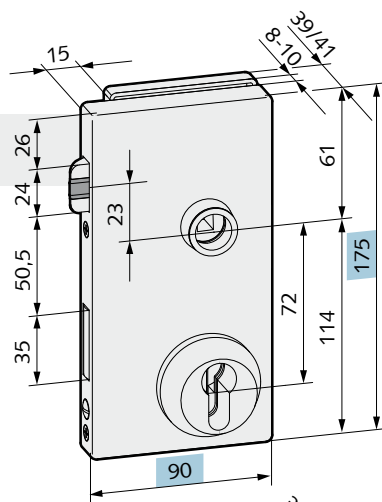
Materials and surfaces:

Aluminium	E4/C-0 silver anodized.....	112
	E4/C-31 stainless steel anodized.....	137
	polished chrome.....	174
	stainless steel finish.....	198
	in special colour anodized.....	199
	RAL 9010 pure white powder coated.....	250
	RAL powder coated.....	295

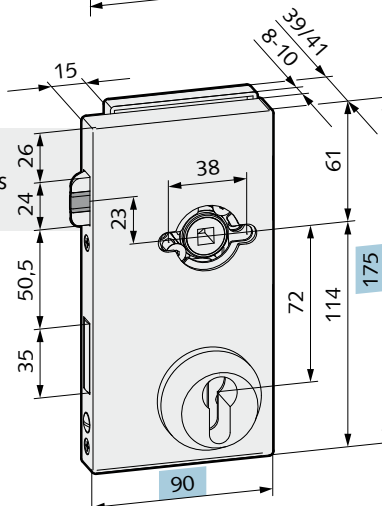
Further information:

Glass preparations.....	Page 46–47
Door weights.....	Page 48–49
Installation details.....	Page 50–55

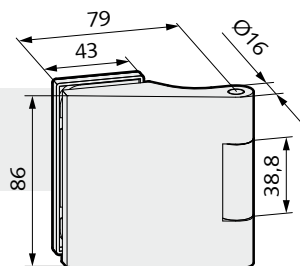
PZ-Lock
with shoulder guide



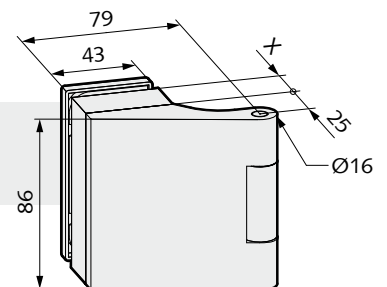
PZ-Lock
prepared for lever handles
with roses



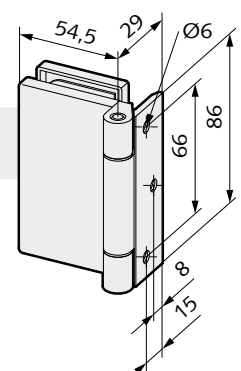
Hinge with sleeve
for 24 mm
frame rebate depth

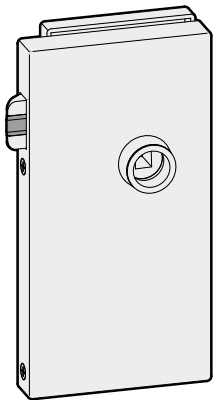


Hinge with sleeve
up to 45 mm
frame rebate depth

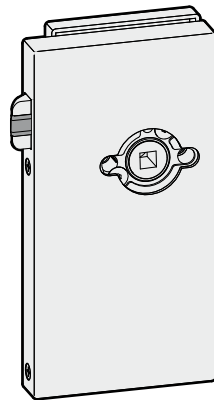


Hinge with fixing plate
for non-rebated door frames





with projection guide



for lever handles with roses

UV-Lock

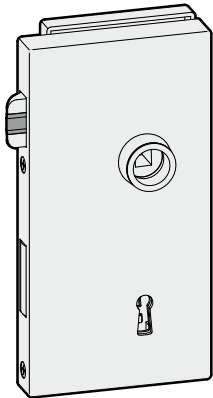
- Latch lock, non locking
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

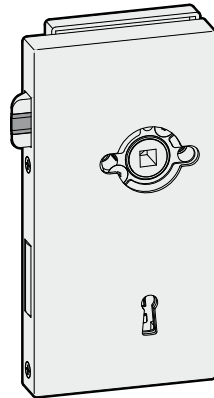
Art.-N°	Execution	Corrosion protection
21.701.0510.---	DIN left	class 3
21.701.0520.---	DIN right	class 3
21.970.0510.---	DIN left	class 4
21.970.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.717.0510.---	DIN left	class 3
21.717.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

BB-Lock

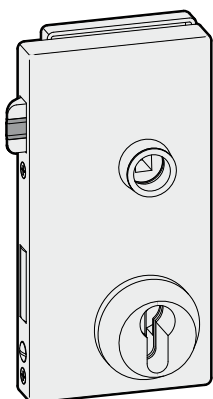
- Warded lock with 2 keys
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

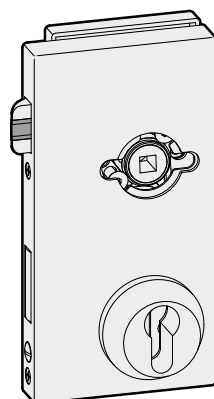
Art.-N°	Execution	Corrosion protection
21.703.0510.---	DIN left	class 3
21.703.0520.---	DIN right	class 3
21.972.0510.---	DIN left	class 4
21.972.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.727.0510.---	DIN left	class 3
21.727.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

PZ-Lock with PZ-rose

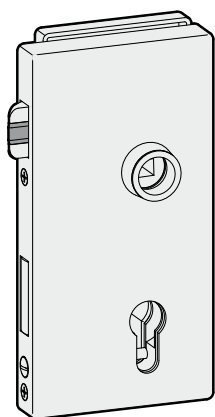
- Lock prepared for profile cylinder
- with PZ-rose for flush assembly of a profile cylinder, 63 mm length according to DIN 18257
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

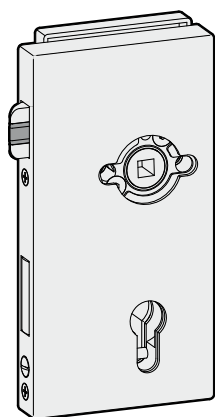
Art.-N°	Execution	Corrosion protection
21.705.0510.---	DIN left	class 3
21.705.0520.---	DIN right	class 3
21.974.0510.---	DIN left	class 4
21.974.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.737.0510.---	DIN left	class 3
21.737.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

PZ-Lock without PZ-rose

- Lock prepared for profile cylinder
- without PZ-rose
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

Art.-N°	Execution	Corrosion protection
21.705.5510.---	DIN left	class 3
21.705.5520.---	DIN right	class 3
21.974.5510.---	DIN left	class 4
21.974.5520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.737.5510.---	DIN left	class 3
21.737.5520.---	DIN right	class 3

WC-Lock

- Lock with thumb turn and "red/white" indicator
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

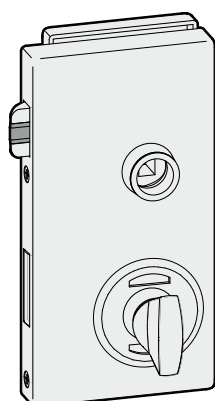
Art.-N°	Execution	Corrosion protection
21.709.0510.---	DIN left	class 3
21.709.0520.---	DIN right	class 3
21.978.0510.---	DIN left	class 4
21.978.0520.---	DIN right	class 4

for lever handles with roses

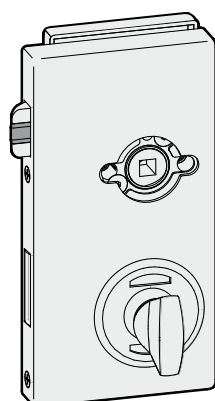
Art.-N°	Execution	Corrosion protection
21.747.0510.---	DIN left	class 3
21.747.0520.---	DIN right	class 3

Note:

The thumb turn can be assembled on lock side or alternatively on clamping plate side.



with projection guide

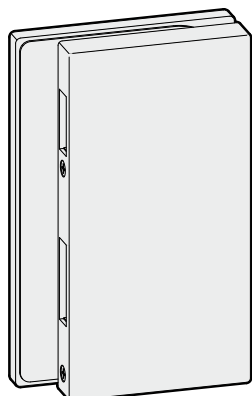


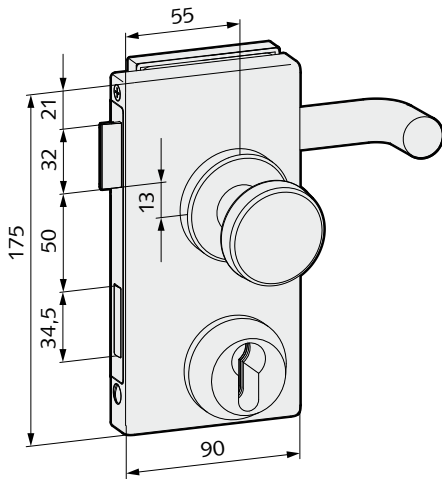
for lever handles with roses

GK-Strike box

- Strike box for double leaf doors
- Glass thickness: 8 (10) mm

Art.-N°	Execution	Corrosion protection
21.715.0510.---	DIN left	class 3
21.715.0520.---	DIN right	class 3
21.982.0510.---	DIN left	class 4
21.982.0520.---	DIN right	class 4





Panic lock with fixed knob and lever handle

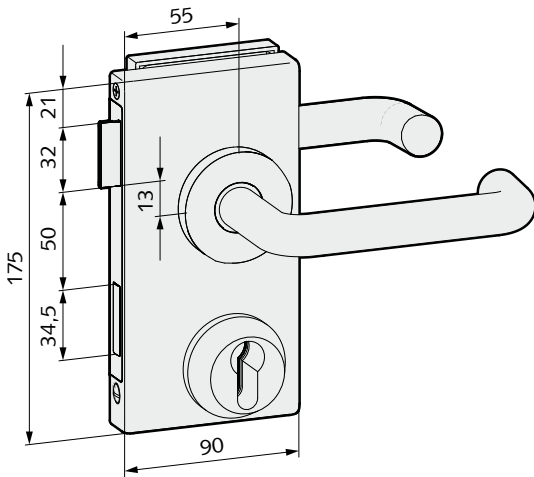
- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm



Art.-N°	Execution	Function	Corrosion protection
21.801.0612.---	DIN left	E	class 3
21.801.0622.---	DIN right	E	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .198 Al stainless steel finish
- .295 Al RAL powder coated



Panic lock with lever handles on both sides

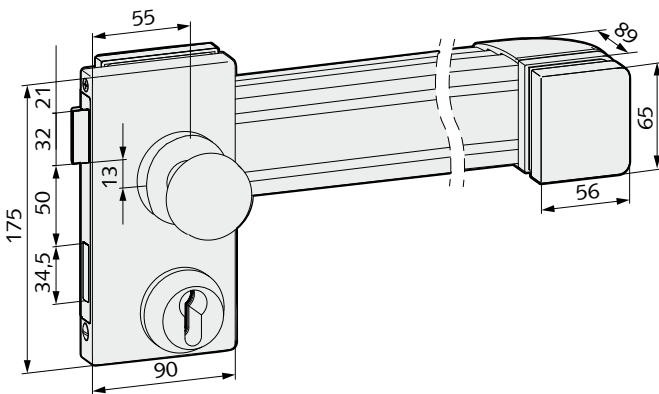
- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm



Art.-N°	Execution	Function	Corrosion protection
21.803.0612.---	DIN left outward	B	class 3
21.803.0622.---	DIN right outward	B	class 3
21.805.0612.---	DIN left outward	D	class 3
21.805.0622.---	DIN right outward	D	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .198 Al stainless steel finish
- .295 Al RAL powder coated



Panic lock with panic push bar and fixed knob

- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm



Art.-N°	Execution	Function	Corrosion protection
21.807.0612.---	DIN left outward	E	class 3
21.807.0622.---	DIN right outward	E	class 3

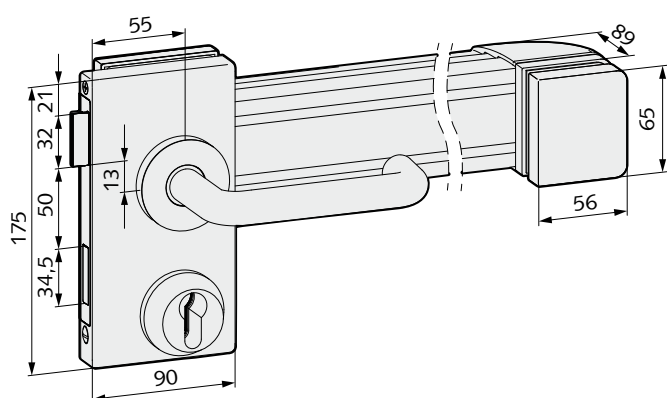
Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .295 Al RAL powder coated

Note:

Please specify the exact leaf width (max. 1.200mm) and consider the glass preparation details on page 47.

For further information about the locks for emergency exit- and panic doors, please see pages 6 and 7.



Panic lock with panic push bar and lever handle



- Lock prepared for profile cylinder
- Glass thickness: 8 (10/12) mm
- Frame rebate depth: 24 (26/28) mm

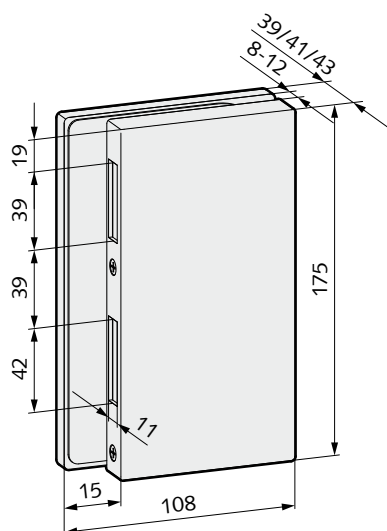
Art.-N°	Execution	Function	Corrosion protection
21.809.0612.---	DIN left outward	B	class 3
21.809.0622.---	DIN right outward	B	class 3
21.811.0612.---	DIN left outward	D	class 3
21.811.0622.---	DIN right outward	D	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .295 Al RAL powder coated

Note:

Please specify the exact leaf width (max. 1.200 mm) and consider the glass preparation details on page 47.



Strike box for panic lock

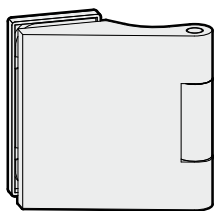
- Strike box for fixed side panel
- Glass thickness: 8 (10/12) mm

Art.-N°	Execution	Corrosion protection
21.813.0610.---	DIN left	class 3
21.813.0620.---	DIN right	class 3

Available surfaces:

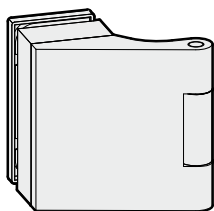
- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .198 Al stainless steel finish
- .295 Al RAL powder coated

For further information about the locks for emergency exit- and panic doors, please see pages 6 and 7.



Hinge with sleeve

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.900.0500.---	8 (10)mm	24 (26)mm	class 3
21.988.0500.---	8 (10)mm	24 (26)mm	class 4

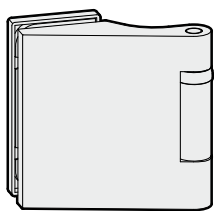


Hinge with sleeve up to 45 mm frame rebate depth

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.902.0401.---	8 mm	40 mm	class 3
21.904.0402.---	8 mm	26-45 mm	class 3
21.906.0901.---	10 mm	40 mm	class 3
21.908.0902.---	10 mm	26-45 mm	class 3

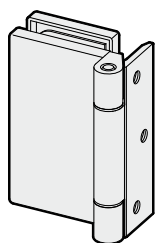
Note:

Please specify the exact frame rebate depth.



Hinge with ball bearing and sleeve

Art.-N°	Execution	Glass thickness	Frame rebate depth	Corrosion protection
21.910.0510.---	DIN left	8 (10)mm	24 (26)mm	class 3
21.910.0520.---	DIN right	8 (10)mm	24 (26)mm	class 3



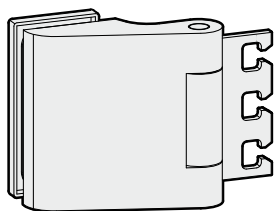
Hinge with fixing plate

- for non-rebated door frames
- suitable up to 50kg door weight

Art.-N°	Glass thickness	Corrosion protection
21.920.0500.---	8-10mm	class 3

Note:

Please consider the glass preparation details on page 47.



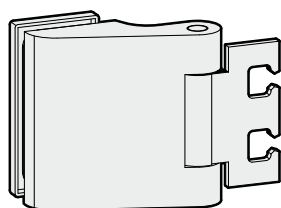
Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for metal frames** for frame pocket VN 7608/120 3D

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.930.0900.---	10mm	26 mm	class 3
21.932.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



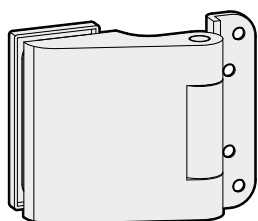
Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for metal frames** for frame pocket VN 7608/160 3D

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.936.0900.---	10mm	26 mm	class 3
21.938.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



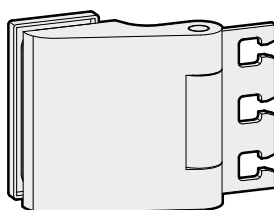
Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for timber frames**
- to screw on

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.942.0900.---	10mm	26 mm	class 3
21.944.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



Hinge with sleeve up to 80 kg door weight¹

- with galvanized frame pivot **for timber-, metal- and aluminium frames** for frame pockets VX

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.948.0900.---	10mm	26 mm	class 3
21.950.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.

¹The door hinges up to 80 kg door weight can also be used for 12 mm glass thickness. Please increase the frame rebate depth by 2 mm.



ATELIER F/R

Reliable technique for highest demands.

Technical Details:

Glass:	8 and 10mm ESG (12 mm on request) 8,76 and 10,76mm VSG, made of 2x ESG
Door weight:	max. 80 kg
Door width:	max. 1.000mm
Frame rebate depth:	24 to 45mm possible
Lock:	analogue DIN EN 12209 latch endurance test: 500.000 cycles (requirement: max. 200.000) bolt locking test: 100.000 cycles (requirement: max. 50.000)
Corrosion protection: ..	analogue DIN EN 1670 / class 3 or 4
Bolt projection:	20mm (double throw)
Profile cylinder:	63 mm (flush assembly according to DIN 18257)
Hinge:	analogue DIN EN 1935 closing cycles: 500.000 (requirement: 200.000)
Application:	installation in frames according to DIN 18101/18111

Features:

- for doors in the commercial sector with high frequency use
- Locks and hinges in rounded design
- Lock with noise-reducing latch
- for standard lever handles with 18 mm shoulder guide optional also with roses
- for 10mm ESG and 24 mm frame rebate depth the latch and bolt head can be supplied machined

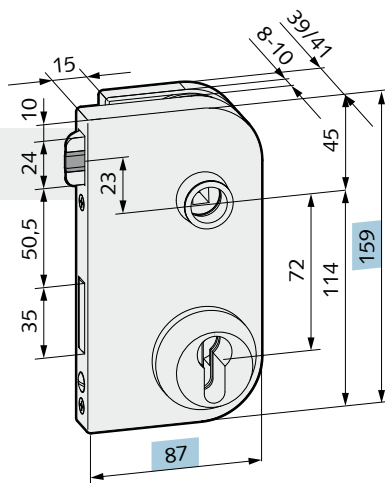
Materials and surfaces:

Aluminium	E4/C-0 silver anodized.....	112
	E4/C-31 stainless steel anodized.....	137
	in special colour anodized.....	199
RAL 9010 pure white powder coated		250
	RAL powder coated	295
Stainless Steel 304 matt brushed.....		426
	304 polished.....	416

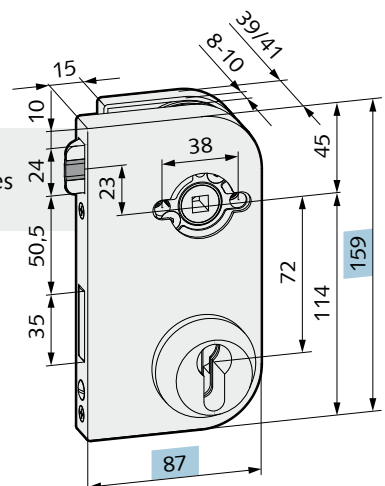
Further information:

Glass preparations.....	Page 46–47
Door weights	Page 48–49
Installation details	Page 50–55

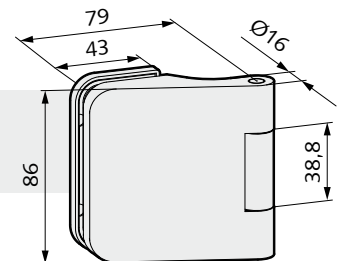
PZ-Lock
with shoulder guide



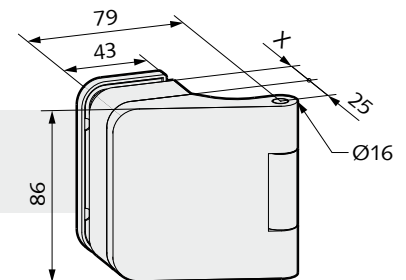
PZ-Lock
prepared for lever handles
with roses



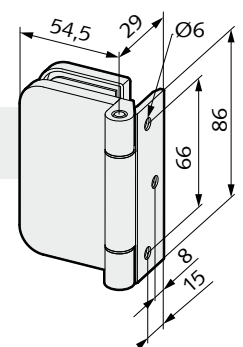
Hinge with sleeve
for 24 mm
frame rebate depth

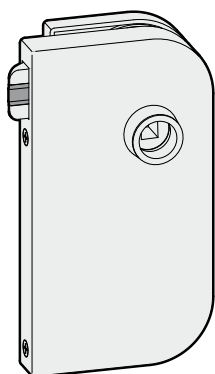


Hinge with sleeve
up to 45 mm
frame rebate depth

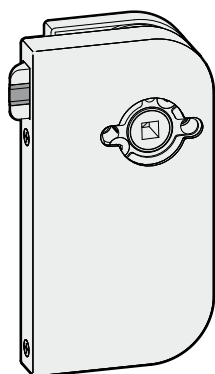


Hinge with fixing plate
for non-rebated door frames





with projection guide



for lever handles with roses

UV-Lock

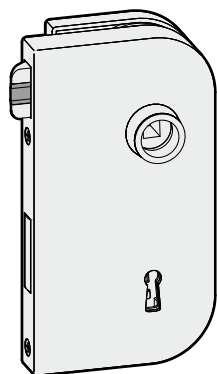
- Latch lock, non locking
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

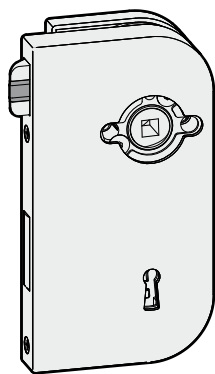
Art.-N°	Execution	Corrosion protection
21.100.0510.---	DIN left	class 3
21.100.0520.---	DIN right	class 3
21.600.0510.---	DIN left	class 4
21.600.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.116.0510.---	DIN left	class 3
21.116.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

BB-Lock

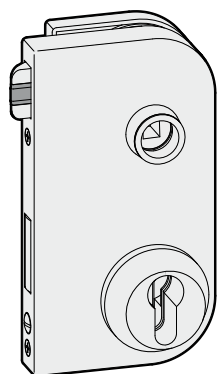
- Warded lock with 2 keys
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

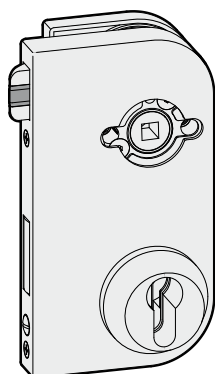
Art.-N°	Execution	Corrosion protection
21.102.0510.---	DIN left	class 3
21.102.0520.---	DIN right	class 3
21.602.0510.---	DIN left	class 4
21.602.0520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.126.0510.---	DIN left	class 3
21.126.0520.---	DIN right	class 3



with projection guide



for lever handles with roses

PZ-Lock with PZ-rose

- Lock prepared for profile cylinder
- with PZ-rose for flush assembly of a profile cylinder, 63 mm length according to DIN 18257
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

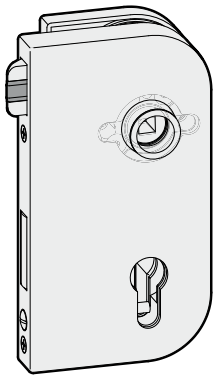
Art.-N°	Execution	Corrosion protection
21.104.0510.---	DIN left	class 3
21.104.0520.---	DIN right	class 3
21.604.0510.---	DIN left	class 4
21.604.0520.---	DIN right	class 4

for lever handles with roses

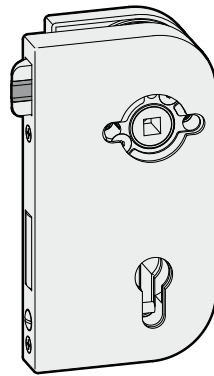
Art.-N°	Execution	Corrosion protection
21.136.0510.---	DIN left	class 3
21.136.0520.---	DIN right	class 3

Note:

This lock with PZ-rose is available in aluminium.



with projection guide



for lever handles with roses

PZ-Lock without PZ-rose

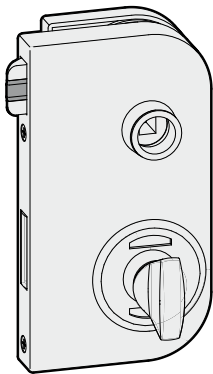
- Lock prepared for profile cylinder
- without PZ-rose
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

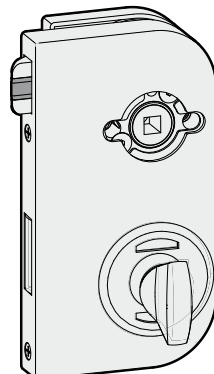
Art.-N°	Execution	Corrosion protection
21.104.5510.---	DIN left	class 3
21.104.5520.---	DIN right	class 3
21.604.5510.---	DIN left	class 4
21.604.5520.---	DIN right	class 4

for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.136.5510.---	DIN left	class 3
21.136.5520.---	DIN right	class 3



with projection guide



for lever handles with roses

WC-Lock

- Lock with thumb turn and "red/white" indicator
- Glass thickness: 8 (10) mm
- Frame rebate depth: 24 (26) mm

with projection guide

Art.-N°	Execution	Corrosion protection
21.108.0510.---	DIN left	class 3
21.108.0520.---	DIN right	class 3
21.608.0510.---	DIN left	class 4
21.608.0520.---	DIN right	class 4

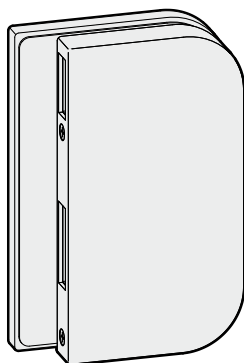
for lever handles with roses

Art.-N°	Execution	Corrosion protection
21.146.0510.---	DIN left	class 3
21.146.0520.---	DIN right	class 3

Note:

The thumb turn can be assembled on lock side or alternatively on clamping plate side.

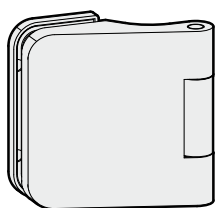
This WC-lock is available in aluminium.



GK-Strike box

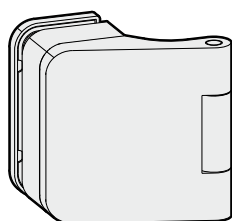
- Strike box for double leaf doors
- Glass thickness: 8 (10) mm

Art.-N°	Execution	Corrosion protection
21.114.0510.---	DIN left	class 3
21.114.0520.---	DIN right	class 3
21.612.0510.---	DIN left	class 4
21.612.0520.---	DIN right	class 4



Hinge with sleeve²

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.300.0500.---	8 (10)mm	24 (26)mm	class 3
21.618.0500.---	8 (10)mm	24 (26)mm	class 4

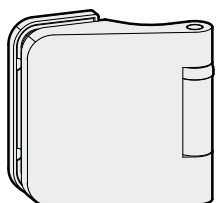


Hinge with sleeve up to 45 mm frame rebate depth²

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.302.0401.---	8 mm	40 mm	class 3
21.304.0402.---	8 mm	26-45 mm	class 3
21.306.0901.---	10 mm	40 mm	class 3
21.308.0902.---	10 mm	26-45 mm	class 3

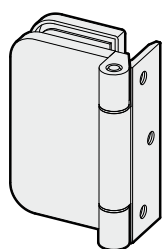
Note:

Please specify the exact frame rebate depth.



Hinge with ball bearing and sleeve²

Art.-N°	Execution	Glass thickness	Frame rebate depth	Corrosion protection
21.310.0510.---	DIN left	8 (10)mm	24 (26)mm	class 3
21.310.0520.---	DIN right	8 (10)mm	24 (26)mm	class 3



Hinge with fixing plate²

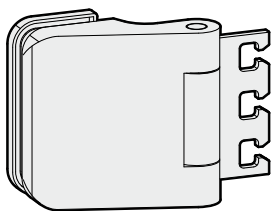
- for non-rebated door frames
- suitable up to 50kg door weight

Art.-N°	Glass thickness	Corrosion protection
21.320.0500.---	8-10mm	class 3

Note:

Please consider the glass preparation details on page 47.

² The hinges are available in aluminium. The hinges in Al stainless steel finish (---.198) and Al polished chrome (---.174) can be combined with the locks in Stainless Steel 304 matt brushed (---.426) and Stainless Steel 304 polished (---.416).



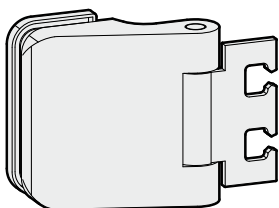
Hinge with sleeve up to 80 kg door weight^{1, 2}

- with galvanized frame pivot **for metal frames** for frame pocket VN 7608/120 3D

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.500.0900.---	10mm	26 mm	class 3
21.502.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



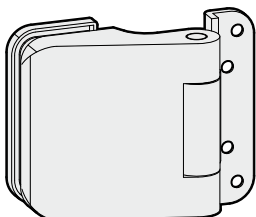
Hinge with sleeve up to 80 kg door weight^{1, 2}

- with galvanized frame pivot **for metal frames** for frame pocket VN 7608/160 3D

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.506.0900.---	10mm	26mm	class 3
21.508.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



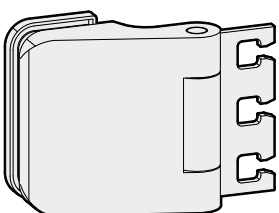
Hinge with sleeve up to 80 kg door weight^{1, 2}

- with galvanized frame pivot **for timber frames**
- to screw on

Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.512.0900.---	10mm	26 mm	class 3
21.514.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.



Hinge with sleeve up to 80 kg door weight^{1, 2}

- with galvanized frame pivot **for timber-, metal- and aluminium frames** for frame pockets VX

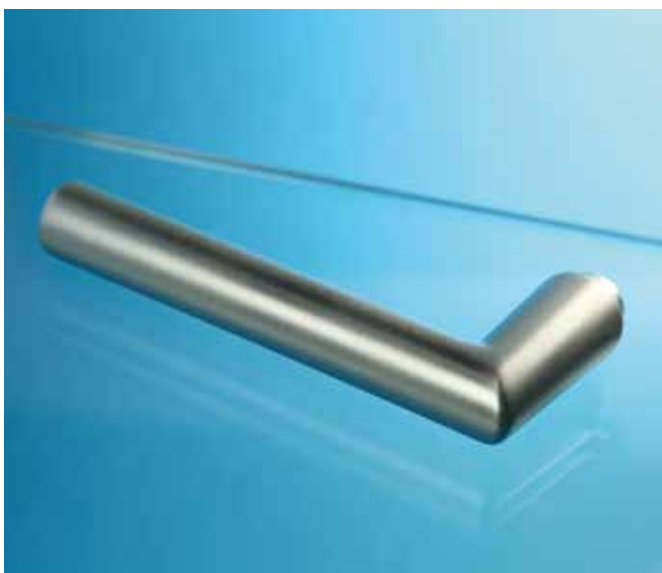
Art.-N°	Glass thickness	Frame rebate depth	Corrosion protection
21.518.0900.---	10mm	26mm	class 3
21.520.0902.---	10mm	28-45 mm	class 3

Note:

Please specify the exact frame rebate depth.

¹ The door hinges up to 80 kg door weight can also be used for 12mm glass thickness. Please increase the frame rebate depth by 2mm.

² The hinges are available in aluminium. The hinges in Al stainless steel finish (---.198) and Al polished chrome (---.174) can be combined with the locks in Stainless Steel 304 matt brushed (---.426) and Stainless Steel 304 polished (---.416).



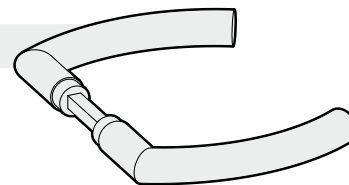
Accessories

Extensive selection of accessories – many possibilities, more comfort.

Lever handles

Many possibilities with various shapes. The extensive product range has been completed by further models. Lever handle and lock – the perfect combination.

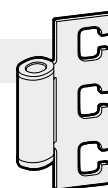
.....details see pages 32–35



Frame pivots

Here you will find a solution for every application. Frame pivots for use in private- and commercial sector. We have summarized the tested and praxis proven loads in a clear table.

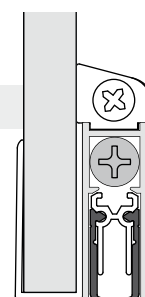
.....details see pages 36–37 and pages 48–49



Door seals

More comfort by using door seals. The function of the door seals "SCHALL-EX®". The seal profile lowers and raises with the closing and opening of the door and protects against noise, coldness and drafts.

.....details see page 39



Door closer

Door closer ensure a secure and automatic closing of the door and are suitable for single action doors up to a max. leaf width of 1.100mm. The door closers have an infinitely adjustable arrester of 80° to 130° and an infinitely adjustable closing force according to DIN EN 1154.

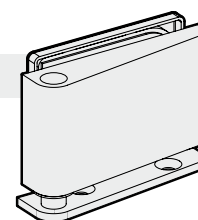
..... details see pages 40–41



Corner hinges

The corner hinges with pivots for bottom and top to screw on are suitable for 8–12 mm thick glass doors up to a max. door weight of 80kg. The corner hinges are suitable for left and right hand.

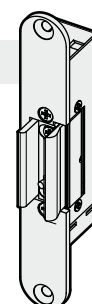
..... details see page 43

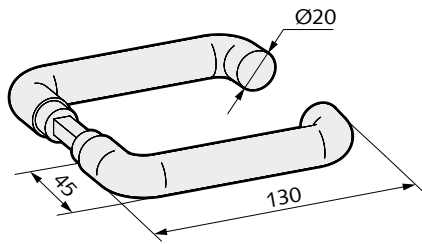


Electric strike release

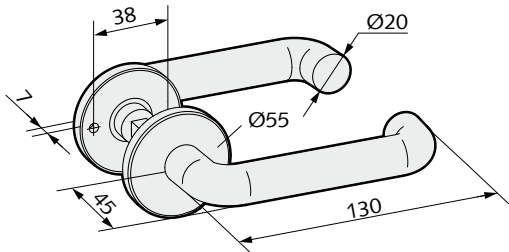
When using electric strike releases with operation current, the door is only operational when a power source is present. When using electric strike releases with rest current, the door keeps closed as long as the electric strike release has power. Only after switching off the power or power failure, the electric strike release is movable and the door can be opened. The electric strike releases are also available with monitoring contact.

..... details see page 45

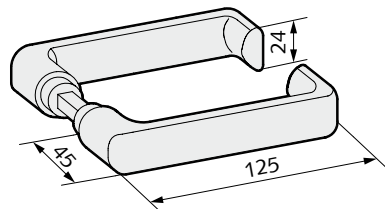




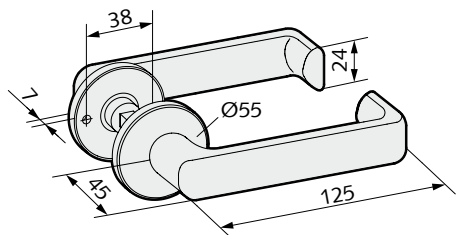
with shoulder guide



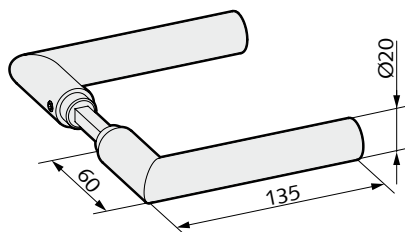
with roses



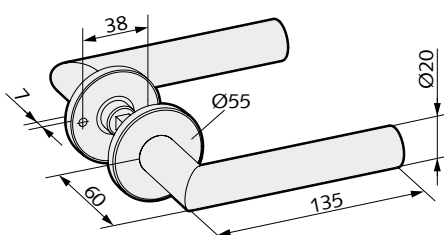
with shoulder guide



with roses



with shoulder guide



with roses

Lever handles, round form¹

with shoulder guide

Art.-N°	Corrosion protection
22.100.0000.---	class 3
22.101.0000.---	class 4

with roses

Art.-N°	Corrosion protection
22.200.0000.---	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated
- .416 Stainless Steel 304 polished
- .426 Stainless Steel 304 matt brushed

Lever handles, flat form

with shoulder guide

Art.-N°	Corrosion protection
22.104.0000.---	class 3
22.105.0000.---	class 4

with roses

Art.-N°	Corrosion protection
22.204.0000.---	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated

Lever handles, mitred form¹

with shoulder guide

Art.-N°	Corrosion protection	Material/Finish
22.108.0000.---	class 3	Al E4/C-0 silver anod.
22.109.0000.---	class 4	Al E4/C-0 silver anod.

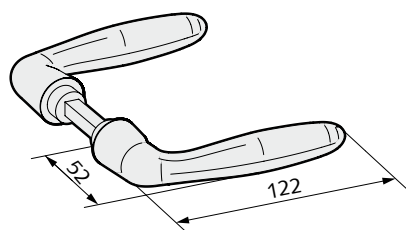
with roses

Art.-N°	Corrosion protection	Material/Finish
22.208.0000.---	class 3	Al E4/C-0 silver anod.

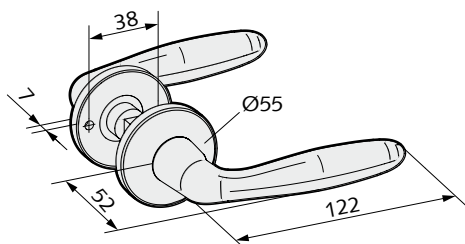
Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated
- .416 Stainless Steel 304 polished
- .426 Stainless Steel 304 matt brushed

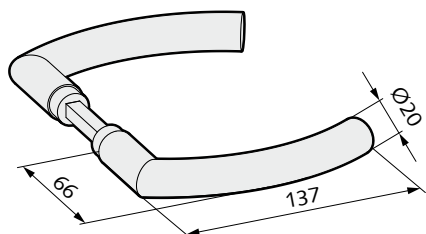
¹ The lever handles in Stainless Steel 304 matt brushed (---.426) and Stainless Steel 304 polished (---.416) can be combined with the locks in Al stainless steel finish (---.198) and Al polished chrome (---.174).



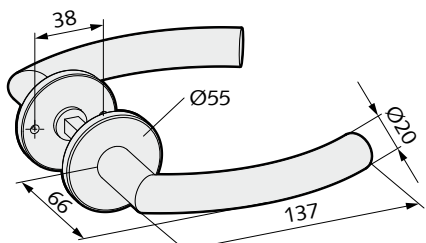
with shoulder guide



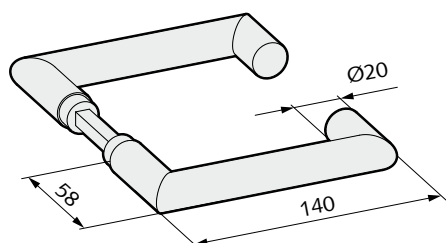
with roses



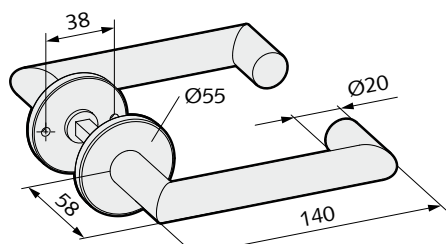
with shoulder guide



with roses



with shoulder guide



with roses

Lever handles, special form

with shoulder guide

Art.-N°	Corrosion protection
22.112.0000.---	class 3

with roses

Art.-N°	Corrosion protection
22.212.0000.---	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated

Lever handles, bent form²

with shoulder guide

Art.-N°	Corrosion protection	Material/Finish
22.130.0000.426	class 3	304 matt brushed

with roses

Art.-N°	Corrosion protection	Material/Finish
22.230.0000.426	class 3	304 matt brushed

Lever handles, square form²

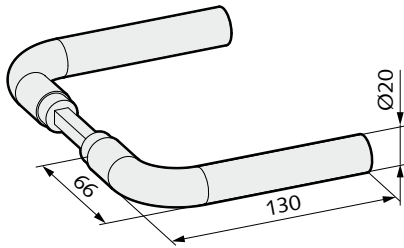
with shoulder guide

Art.-N°	Corrosion protection	Material/Finish
22.134.0000.426	class 3	304 matt brushed

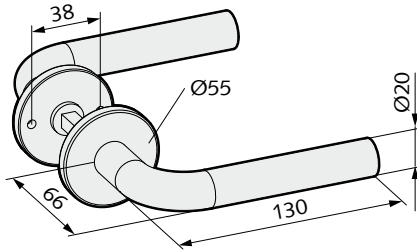
with roses

Art.-N°	Corrosion protection	Material/Finish
22.234.0000.426	class 3	304 matt brushed

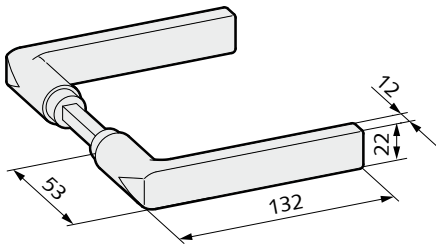
² The lever handles in Stainless Steel 304 matt brushed (---.426) can be combined with the locks in Al stainless steel finish (---.198).



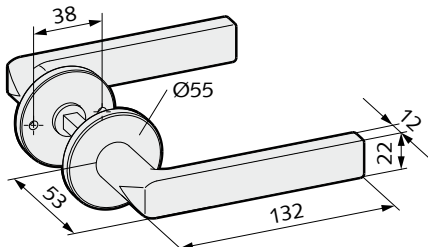
with shoulder guide



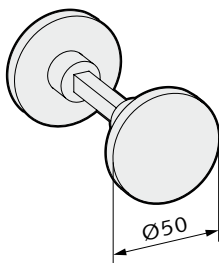
with roses



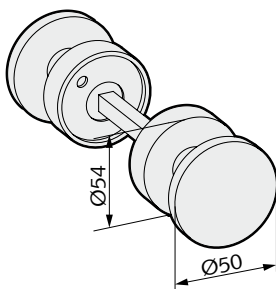
with shoulder guide



with roses



with shoulder guide



with roses

Lever handles, rod form²

with shoulder guide

Art.-N°	Corrosion protection	Material/Finish
22.138.0000.426	class 3	304 matt brushed

with roses

Art.-N°	Corrosion protection	Material/Finish
22.238.0000.426	class 3	304 matt brushed

Lever handles, angular form²

with shoulder guide

Art.-N°	Corrosion protection	Material/Finish
22.142.0000.426	class 3	304 matt brushed

with roses

Art.-N°	Corrosion protection	Material/Finish
22.242.0000.426	class 3	304 matt brushed

Turn knob

with shoulder guide

Art.-N°	Corrosion protection
22.150.0000.---	class 3

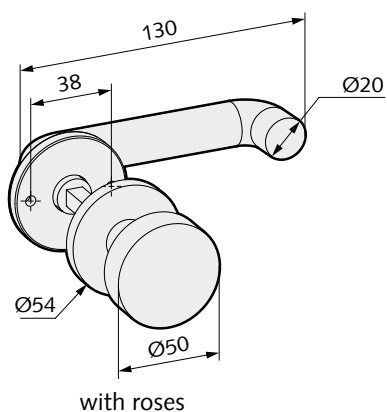
with roses

Art.-N°	Corrosion protection
22.250.0000.---	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated

² The lever handles in Stainless Steel 304 matt brushed (---.426) can be combined with the locks in Al stainless steel finish (---.198).



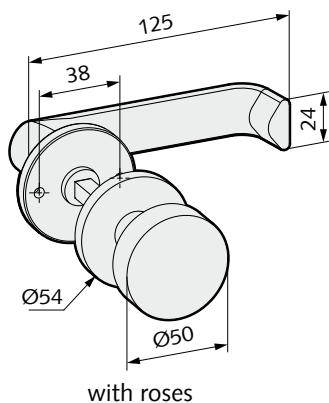
Lever handle, round form and fixed knob

with roses

Art.-N°	Corrosion protection
22.254.0000.---	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated
- .426 Stainless Steel 304 matt brushed

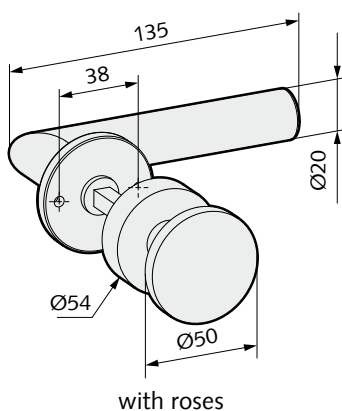


Lever handle, flat form and fixed knob

with roses

Art.-N°	Corrosion protection
22.256.0000.---	class 3

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated



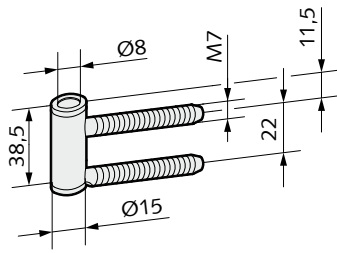
Lever handle, mitred form and fixed knob

with roses

Art.-N°	Corrosion protection
22.258.0000.---	class 3

Available surfaces:

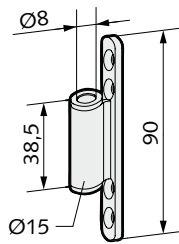
- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated
- .426 Stainless Steel 304 matt brushed



Frame pivot for timber frames

- suitable for frame pocket V 3614

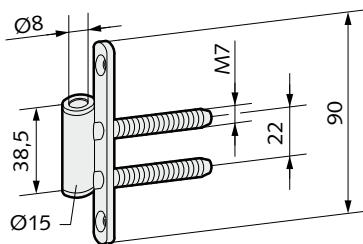
Art.-N°	Corrosion protection	Material/Finish
21.400.0000.010	class 0	St galvanized



Frame pivot for timber-, metal- and aluminium frames

- to screw on

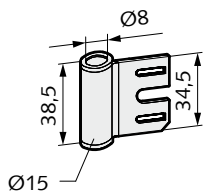
Art.-N°	Corrosion protection	Material/Finish
21.402.0000.010	class 0	St galvanized



Frame pivot for timber frames

- to screw on suitable for frame pocket V 3614

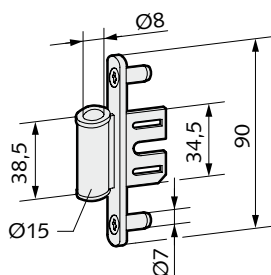
Art.-N°	Corrosion protection	Material/Finish
21.404.0000.010	class 0	St galvanized



Frame pivot for metal frames

- suitable for frame pocket V 8600

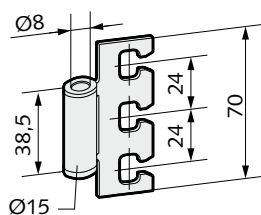
Art.-N°	Corrosion protection	Material/Finish
21.420.0000.010	class 0	St galvanized
21.620.0000.405	class 4	304 mill finish



Frame pivot for metal frames

- to screw on suitable for frame pocket V 8600

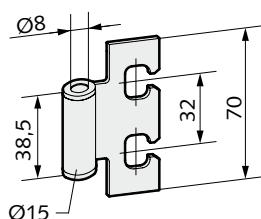
Art.-N°	Corrosion protection	Material/Finish
21.422.0000.010	class 0	St galvanized



Frame pivot for metal frames

- suitable for frame pocket VN 7608/120 3D

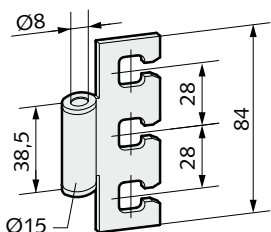
Art.-N°	Corrosion protection	Material/Finish
21.424.0000.010	class 0	St galvanized



Frame pivot for metal frames

- suitable for frame pocket VN 7608/160 3D

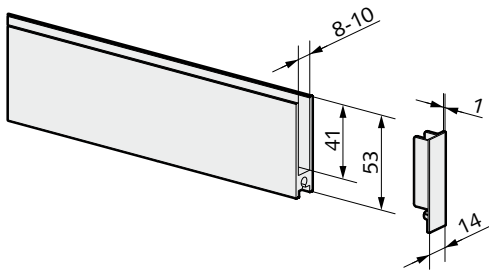
Art.-N°	Corrosion protection	Material/Finish
21.426.0000.010	class 0	St galvanized



Frame pivot for timber-, metal- and aluminium frames

- suitable for frame pockets VX

Art.-N°	Corrosion protection	Material/Finish
21.440.0000.010	class 0	St galvanized



Door rail

- 53 mm profile height
- with plastic end caps on both sides
- with PVC gasket
- 30 mm glass inset

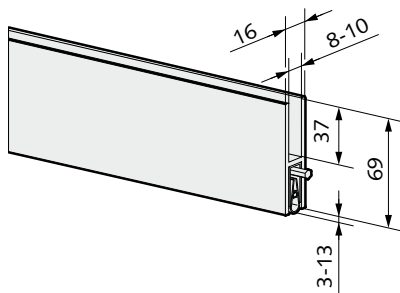
Art.-N°	Glass thickness	Leaf width	Corrosion protection
26.102.0400.---	8 mm	834 mm	class 4
26.104.0400.---	8 mm	959 mm	class 4
26.106.0400.---	8 mm	cut to size	class 4

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated

Note:

The door rail can also be installed without PVC gasket and shorted plastic end caps at 10mm glass. The door rail must additionally be siliconed to the glass door leaf. Please specify the exact leaf width when ordering cut to size (max. 1.200mm).



Door rail with automatic drop down seal

- 69 mm profile height
- with PVC gasket
- 30 mm glass inset

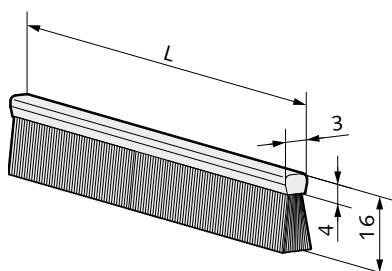
Art.-N°	Glass thickness	Leaf width	Corrosion protection
26.132.0400.---	8 mm	834 mm	class 0
26.134.0400.---	8 mm	959 mm	class 0
26.136.0400.---	8 mm	cut to size	class 0

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated

Note:

The door rail can also be installed without PVC gasket at 10mm glass. The door rail must additionally be siliconed to the glass door leaf. Please specify the exact leaf width when ordering cut to size (max. 1.200mm).



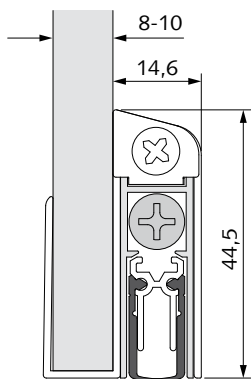
Brush seal

- for door rail with 53 mm profile height
- Plastic natural

Art.-N°	Leaf width	Corrosion protection
26.162.0000.505	834 mm	class 0
26.164.0000.505	959 mm	class 0
26.166.0000.505	cut to size	class 0

Note:

Please specify the exact leaf width when ordering cut to size (max. 1.200mm).



Door seal "SCHALL-EX®" GS-8 / GS-10

- with automatic drop down seal
- one sided triggering
- max. 11 mm lift
- door seal can be shortened max. 125 mm

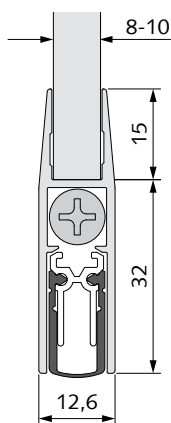
Art.-N°	Glass thickness	Leaf width	Corrosion protection
26.170.0400.---	8 mm	834 mm	class 0
26.172.0400.---	8 mm	959 mm	class 0
26.174.0400.---	8 mm	1.084 mm	class 0
26.176.0900.---	10 mm	834 mm	class 0
26.178.0900.---	10 mm	959 mm	class 0
26.180.0900.---	10 mm	1.084 mm	class 0

Available surfaces:

- .114 Al E6/C-0 silver anodized
- .139 Al E6/C-31 stainless steel anodized

Note:

The door seal must be siliconed to the glass door leaf.



Door seal "SCHALL-EX®" GS-H8 / GS-H10

- with automatic drop down seal
- one sided triggering
- max. 11 mm lift
- door seal can be shortened max. 125 mm
- 15 mm glass inset

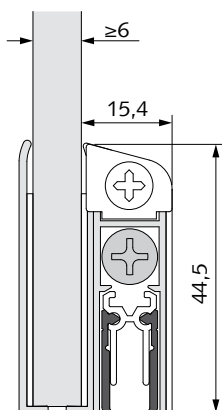
Art.-N°	Glass thickness	Leaf width	Corrosion protection
26.182.0400.---	8 mm	834 mm	class 0
26.184.0400.---	8 mm	959 mm	class 0
26.186.0400.---	8 mm	1.084 mm	class 0
26.188.0900.---	10 mm	834 mm	class 0
26.190.0900.---	10 mm	959 mm	class 0
26.192.0900.---	10 mm	1.084 mm	class 0

Available surfaces:

- .114 Al E6/C-0 silver anodized
- .139 Al E6/C-31 stainless steel anodized

Note:

The door seal must be siliconed to the glass door leaf.



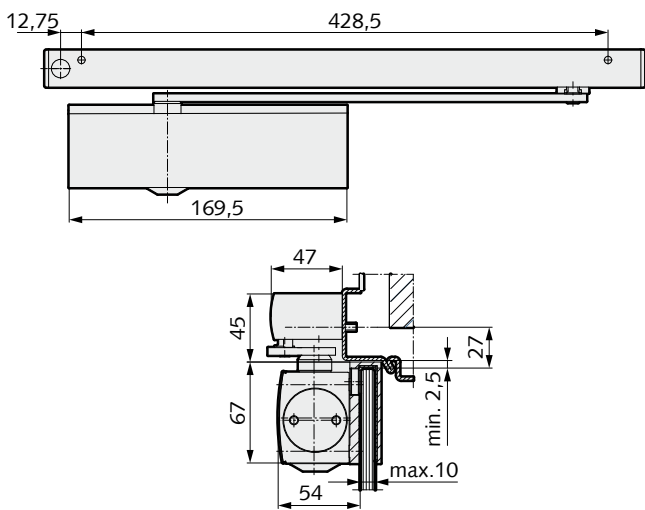
Door seal "SCHALL-EX®" GS-A

- with automatic drop down seal
- one sided triggering
- self-adhesive
- max. 11 mm lift
- door seal can be shortened max. 125 mm

Art.-N°	Glass thickness	Leaf width	Corrosion protection
26.194.0000.---	≥ 6 mm	834 mm	class 0
26.196.0000.---	≥ 6 mm	959 mm	class 0
26.198.0000.---	≥ 6 mm	1.084 mm	class 0

Available surfaces:

- .114 Al E6/C-0 silver anodized
- .139 Al E6/C-31 stainless steel anodized



Door closer GEZE TS 3000 V with glass clamp shoe

- overhead door closer with guide rail
- for single leaf single action doors
- max. leaf width: 1.100 mm
- infinitely adjustable closing force according to EN 1154 (size 1-4)

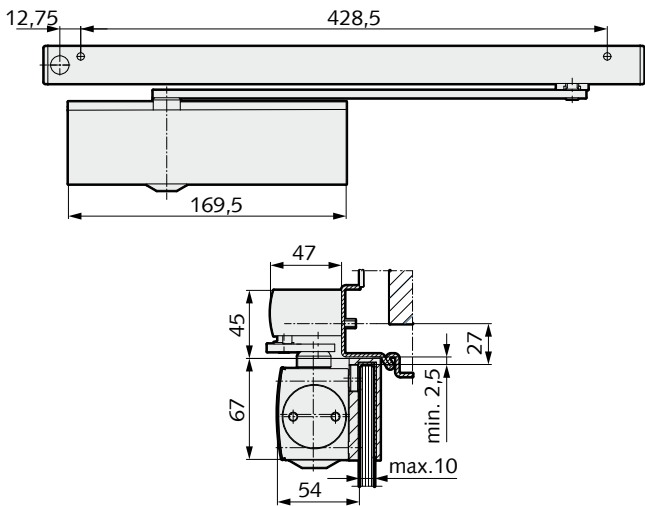
Art.-N°	Glass thickness	Corrosion protection
26.700.0500.---	8-10 mm	class 4

Available surfaces:

- .035 St silver lacquered
- .037 St stainless steel lacquered

Note:

When using door closer, we recommend the use of 3 hinges. Please consider details on page 46.



Door closer GEZE TS 3000 RF with glass clamp shoe

- overhead door closer with guide rail
- **with mechanical hold open device**
- **hold open: 80° to 130°** (infinitely adjustable)
- for single leaf single action doors
- max. leaf width: 1.100 mm
- infinitely adjustable closing force according to EN 1154 (size 1-4)

Art.-N°	Glass thickness	Corrosion protection
26.702.0500.---	8-10 mm	class 4

Available surfaces:

- .035 St silver lacquered
- .037 St stainless steel lacquered

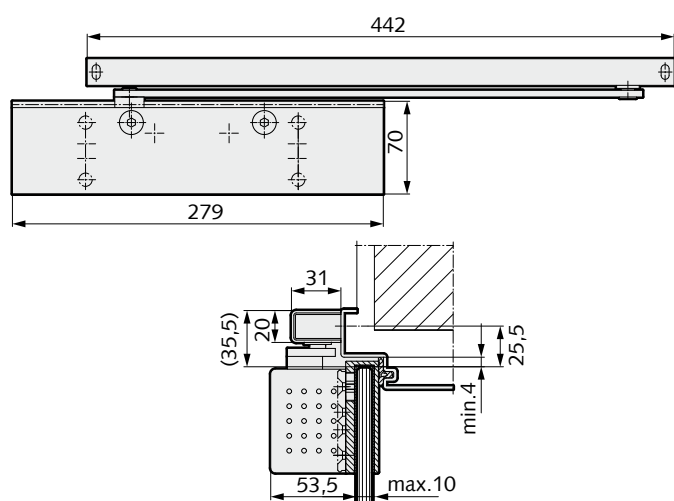
Note:

When using door closer, we recommend the use of 3 hinges. Please consider details on page 46.

Explanation for adjusting the closing force/size

The closing force is controlled by the pre-tension of the spring force of the door closer. It can be fixed infinitely using an adjustable screw. The closing force must be suitable to the door width. For details, please refer to the table.

Closing force/size	Door width
1	to 750 mm
2	> 750 to 850 mm
3	> 850 to 950 mm
4	> 950 to 1.100 mm



Door closer DORMA TS 92 with glass clamp shoe

- overhead door closer with guide rail
- for single leaf single action doors
- max. leaf width: 1.100 mm
- infinitely adjustable closing force according to EN 1154 (size 1-4)

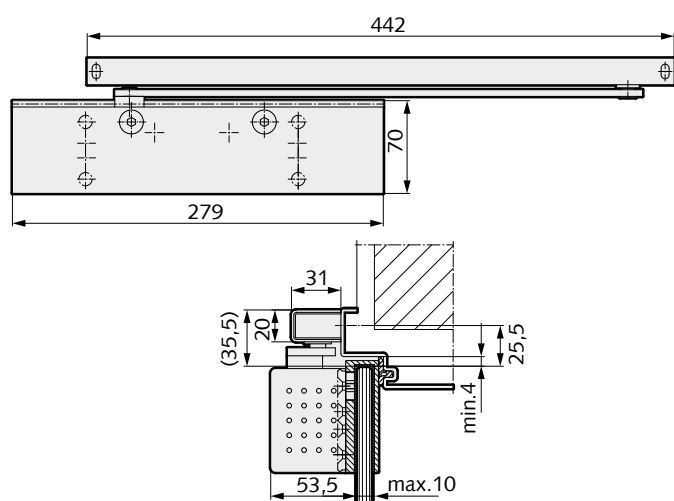
Art.-N°	Glass thickness	Corrosion protection
26.710.0500.---	8-10 mm	class 3

Available surfaces:

- .035 St silver lacquered
- .038 St stainless steel design

Note:

When using door closer, we recommend the use of 3 hinges. Please consider details on page 46.



Door closer DORMA TS 92 RF with glass clamp shoe

- overhead door closer with guide rail
- **with mechanical hold open device**
- **hold open: 80° to 130°** (infinitely adjustable)
- for single leaf single action doors
- max. leaf width: 1.100 mm
- infinitely adjustable closing force according to EN 1154 (size 1-4)

Art.-N°	Glass thickness	Corrosion protection
26.712.0500.---	8-10 mm	class 3

Available surfaces:

- .035 St silver lacquered
- .038 St stainless steel design

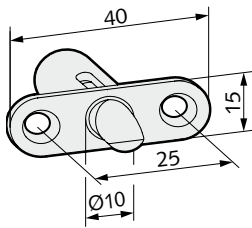
Note:

When using door closer, we recommend the use of 3 hinges. Please consider details on page 46.

Explanation for adjusting the closing force/size

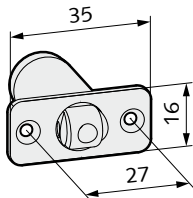
The closing force is controlled by the pre-tension of the spring force of the door closer. It can be fixed infinitely using an adjustable screw. The closing force must be suitable to the door width. For details, please refer to the table.

Closing force/size	Door width
1	to 750 mm
2	> 750 to 850 mm
3	> 850 to 950 mm
4	> 950 to 1.100 mm



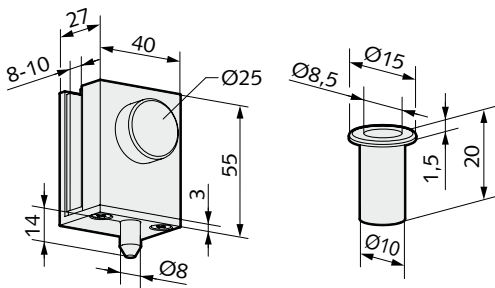
Door catch

Art.-N°	Corrosion protection	Material/Finish
26.200.0000.114	class 3	Al E6/C-0 silver anod.



Door catch with roller latch

Art.-N°	Corrosion protection	Material/Finish
26.201.0000.550	class 0	Plastic white



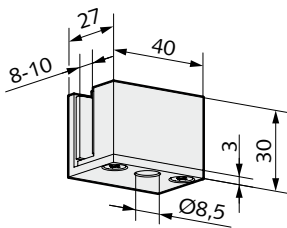
Slide over door bolt

- with matt nickel plated brass floor socket

Art.-N°	Glass thickness	Corrosion protection
26.202.0400.---	8 mm	class 2
26.202.0900.---	10 mm	class 2

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .174 Al polished chrome
- .198 Al stainless steel finish
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated



Slide over strike box

- suitable for slide over door bolt

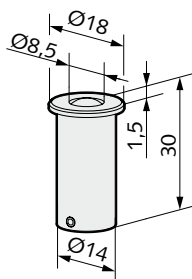
Art.-N°	Glass thickness	Corrosion protection
26.204.0400.---	8 mm	class 3
26.204.0900.---	10 mm	class 3

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .174 Al polished chrome
- .198 Al stainless steel finish
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated

Note:

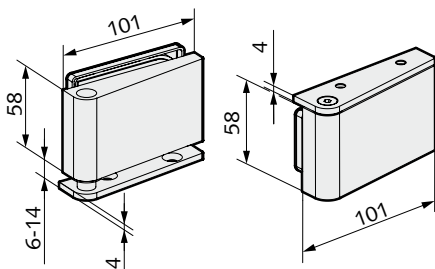
When using slide over strike box in conjunction with slide over door bolt, min. 10mm clearance has to be considered.



Floor socket with spring loaded dust protector

- suitable for round bolt Ø 8 mm

Art.-N°	Corrosion protection	Material/Finish
26.206.0000.010	class 2	St galvanized



Corner hinges

- with pivots for bottom and top to screw on
- suitable up to 80kg door weight
- max. leaf width: 1.100 mm

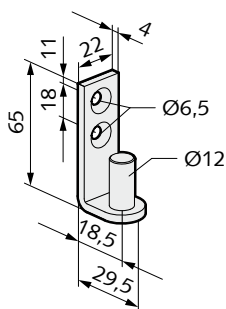
Art.-N°	Glass thickness	Corrosion protection
26.300.0600.---	8-12 mm	class 2

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .137 Al E4/C-31 stainless steel anodized
- .174 Al polished chrome
- .198 Al stainless steel finish
- .199 Al in special colour anodized
- .250 Al RAL 9010 pure white powder coated
- .295 Al RAL powder coated

Note:

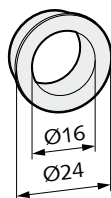
Please consider the glass preparation details on page 47.



Wall fixing bracket for corner hinges

- suitable up to 40kg door weight

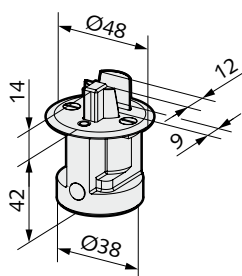
Art.-N°	Corrosion protection	Material/Finish
26.301.0000.426	class 4	304 matt brushed



Projection guide

- for assembly of lever handles with 16 mm shoulder guide

Art.-N°	Corrosion protection	Material/Finish
26.310.0000.565	class 4	Plastic black



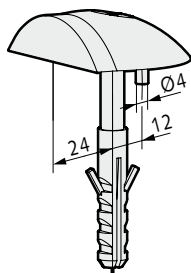
Floor door hold open device

- 304 matt brushed

Art.-N°	Glass thickness	Corrosion protection
26.400.0500.426	8-10mm	class 2

Note:

Please press the release button to locate the door. When pressing the locking pin down the door will be released again.



Door stop

- with black rubber buffer
- suitable up to 50kg door weight

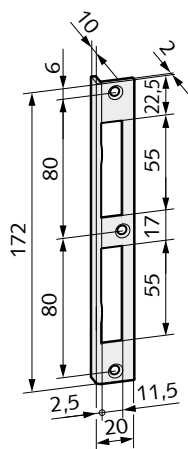
Art.-N°	Corrosion protection
06.400.0000.---	class 2

Available surfaces:

- .112 Al E4/C-0 silver anodized
- .426 Stainless Steel 304 matt brushed

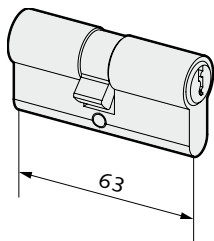
Note:

The door stop must be mounted and screwed to the floor with the maximum distance to the hinge side.



Strike plate

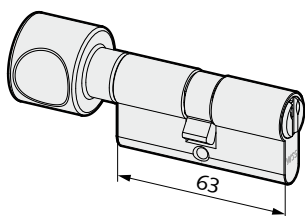
Art.-N°	Corrosion protection	Material/Finish
26.406.0000.426	class 4	304 matt brushed



Profile cylinder

- according to DIN 18252 / EN 1303
- with 3 keys
- 63 mm length (31,5 / 31,5 mm)
- Brass matt nickel plated

Art.-N°	Keying	Corrosion protection
01.901.3131.325	key to differ	class 3
01.903.3131.325	keyed alike	class 3



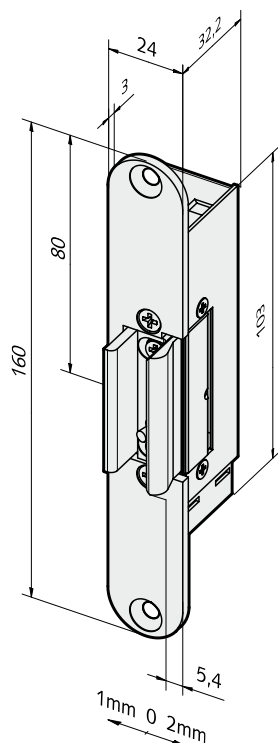
Profile thumb cylinder

- according to DIN 18252 / EN 1303
- with thumb turn (Al E6/C-0 silver anodized)
- with 3 keys
- 63 mm length (31,5 / 31,5 mm)
- Brass matt nickel plated

Art.-N°	Keying	Corrosion protection
01.913.3131.325	key to differ	class 3
01.914.3131.325	keyed alike	class 3

Note:

Profile thumb turn cylinders cannot be used for panic locks.



Electric strike release

- power supply: 12/24 Volt (AC/DC)
- with strike plate in 304 matt brushed
- horizontal and vertical installation possible
- suitable for DIN left / DIN right installation

without monitoring contact

Art.-N°	Function	Glass thickness	Corrosion protection
26.800.1000.426	operation current	10-12 mm	class 0
26.801.1000.426	rest current	10-12 mm	class 0

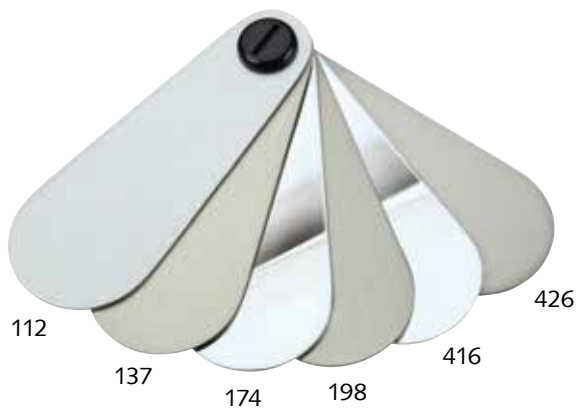
with monitoring contact

Art.-N°	Function	Glass thickness	Corrosion protection
26.802.1000.426	operation current	10-12 mm	class 0
26.803.1000.426	rest current	10-12 mm	class 0

Note:

Electric strike release with operation current:
The door is only operational when a power source is present.

Electric strike release with rest current:
The door keeps closed as long as the electric strike release has power. Only after switching off the power or power failure, the electric strike release is movable and the door can be opened.



Colour swatch

- Aluminium:
 - E4/C-0 silver anodized ---.112
 - E4/C-31 stainless steel anodized ---.137
 - polished chrome ---.174
 - stainless steel finish ---.198
- Stainless Steel:
 - 304 polished ---.416
 - 304 matt brushed ---.426

Art.-N°
99.110.0000.999

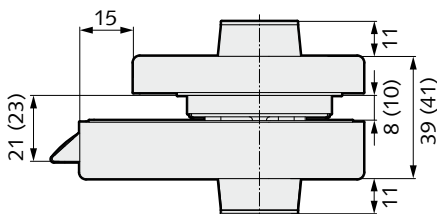
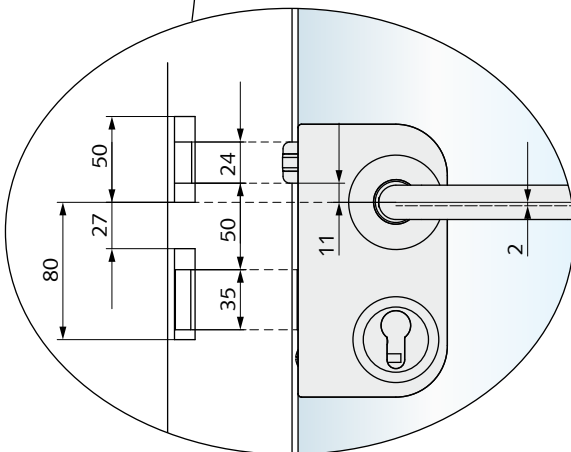
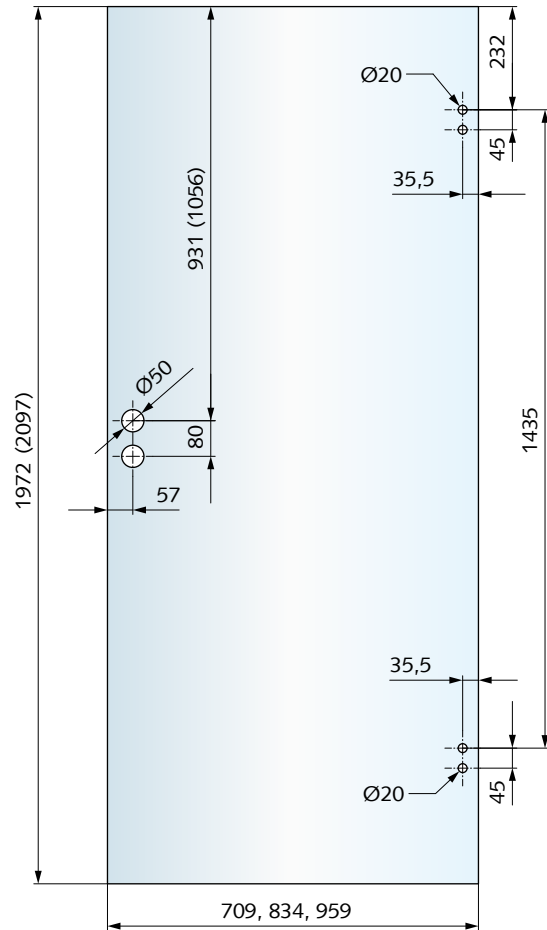
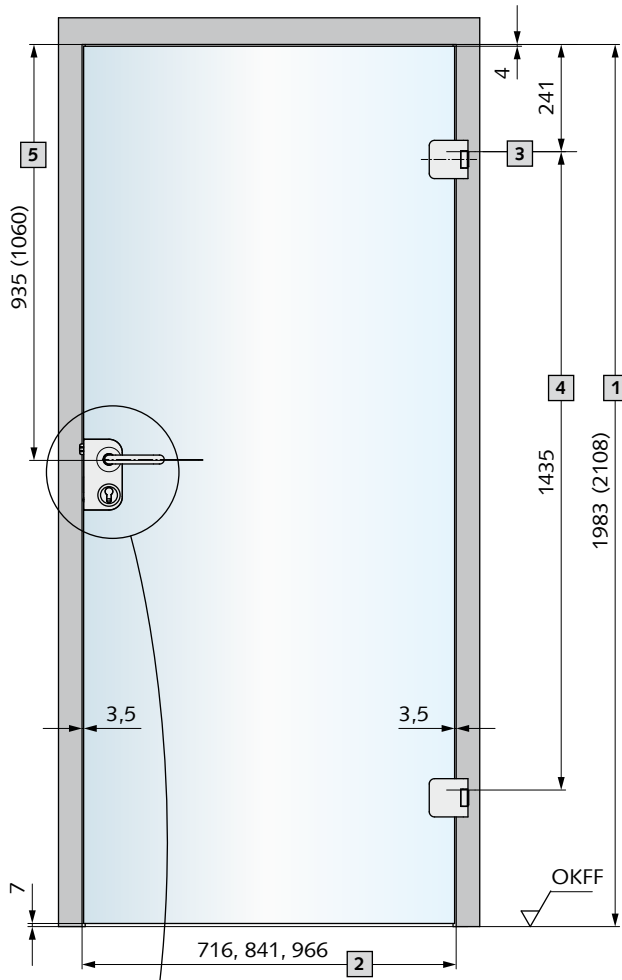
Note:

The colour swatch is a non-binding sample version. The surface appearance can differ from the original due to printing.

Glass Preparations

Glass door leaf for standard rebated frames according to DIN 18101

Standard door leaf with glass preparation



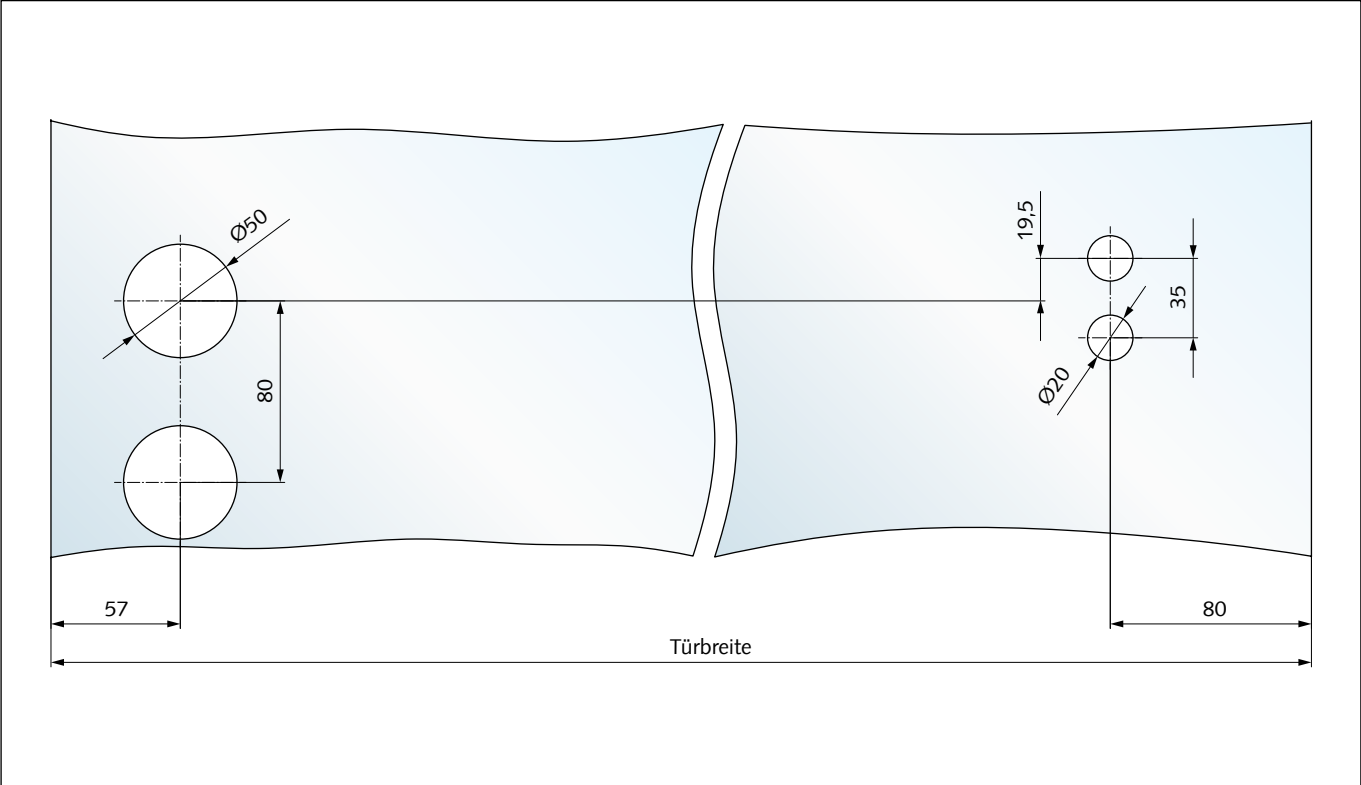
Explanation:

- 1 door opening height
- 2 door opening width
- 3 hinge positions according to DIN 18268
- 4 position from hinge to hinge to DIN 18111
- 5 centre line of lever handles position

Note:

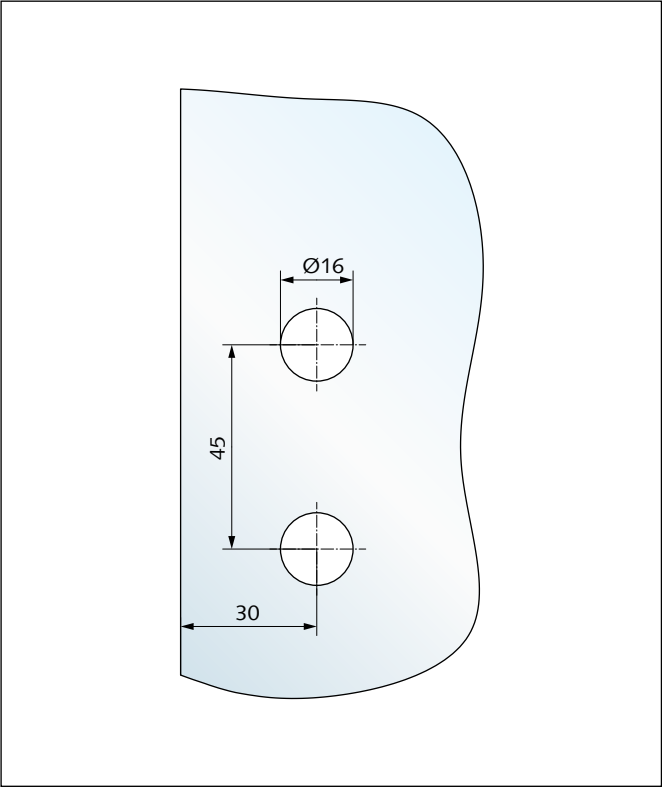
When using 3 hinges, we recommend to position the third hinge in the upper third (ca. 350mm below the hinge datum line). Please also coordinate the positioning with the frame- and door manufacturer.

Glass Preparations



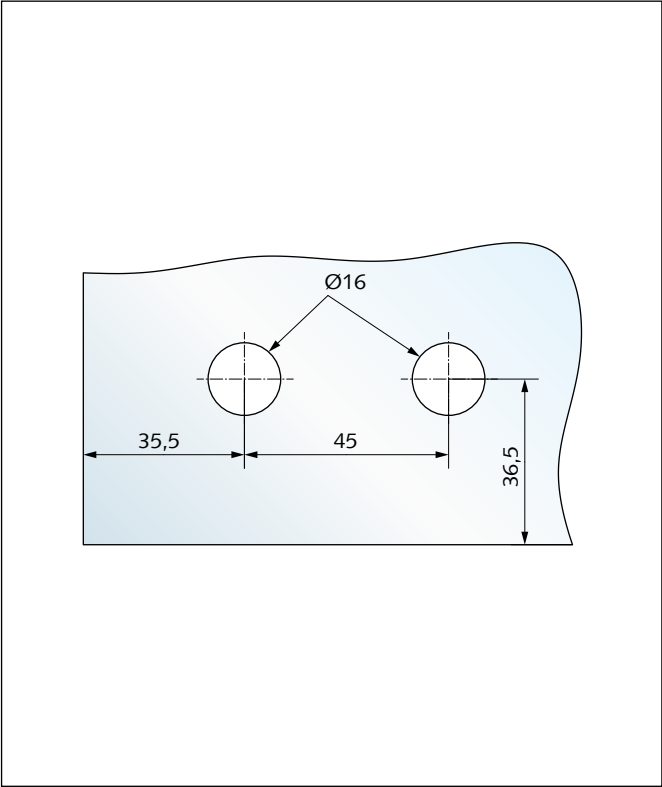
Panic lock with panic push bar and fixed knob or lever handle

Art.-N° 21.207.0612.--- to 21.211.0622.---
Art.-N° 21.807.0612.--- to 21.811.0622.---



Hinge with fixing plate

Art.-N° 21.320.0500.---
Art.-N° 21.920.0500.---



Corner hinge

Art.-N° 26.300.0600.---

Door Weights

Choose the right combination!

Factors for possible load

When considering the selection of a door hinge, the following factors should also be taken into account in addition to the door weight:

- installation location
- opening frequency
- dimension of door
- arrangement of door hinges
- door stop
- door closer
- frame rebate depth
- ball-bearing

Private housing sector: Serial V

For the private housing sector, door hinges with frame pivots used in conjunction with frame pockets "Serial V" are considered suitable.

Commercial sector: Serials VN and VX

For the commercial-public sector, door hinges with frame pivots used in conjunction with frame pockets "Serial VN" and "Serial VX" are considered suitable. Doors classified within the commercial-public sector are: public administration- and office buildings, medical practices, banks, restaurants etc.

For information regarding correct selection of a hinge according to door weights, please refer to the table.

The use of door hinges with ball bearings does not improve the door weights but only the ease of operation for the user.

For optimum performance and reliability of the door, please ensure the project is undertaken by a professional installation engineer.

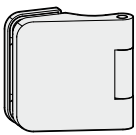
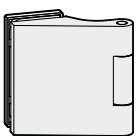


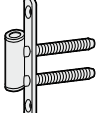

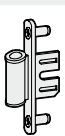


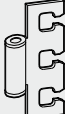
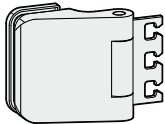
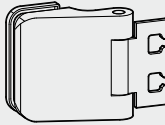
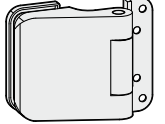
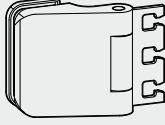
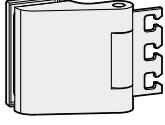
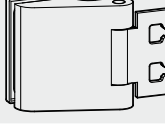
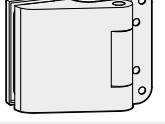
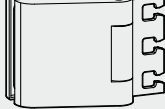
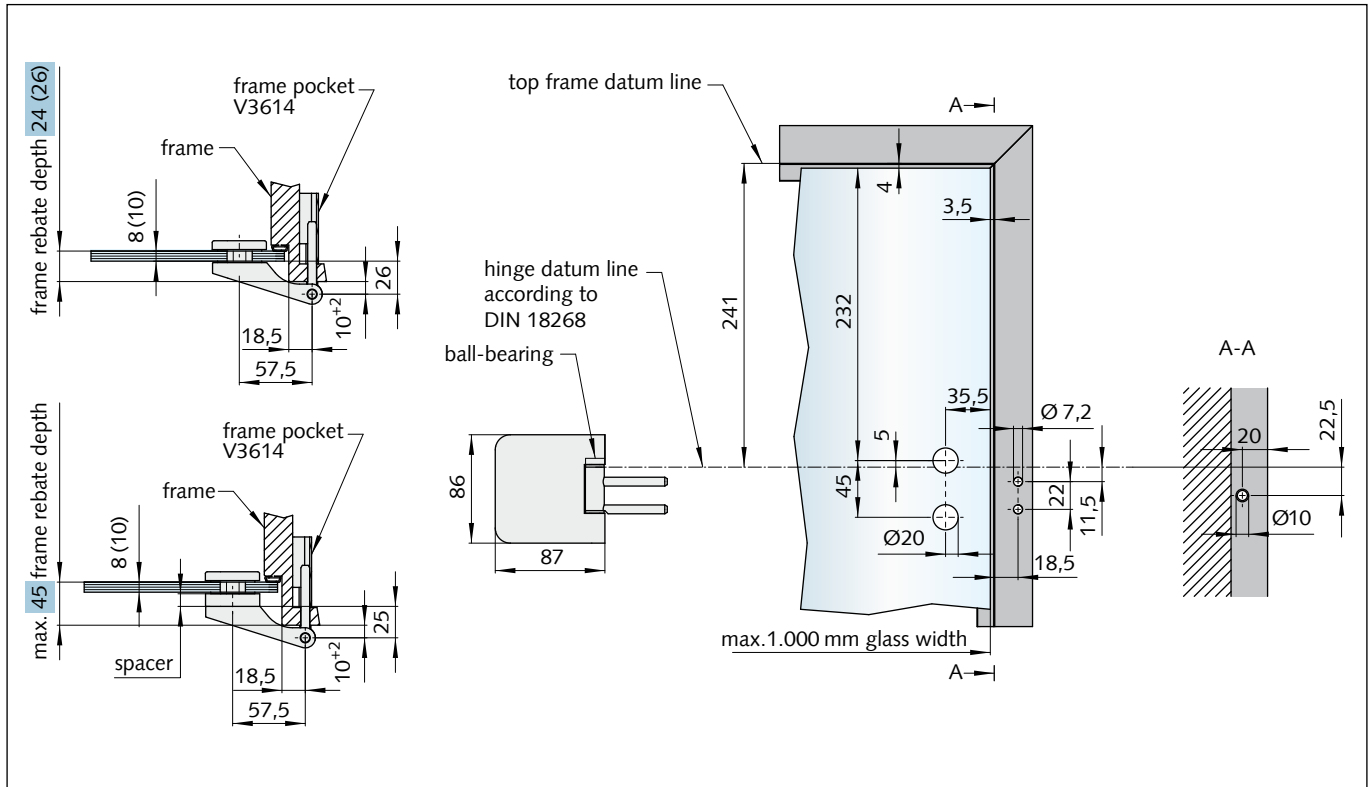
Hinge	Frame pivot		Frame pocket Description	Door weight max. / frame rebate depth	
	Figure	Art.-N°		24mm	26-45mm
Art.-N° 21.300.0500.--- to 21.310.0520.---  or  Art.-N° 21.900.0500.--- to 21.910.0520.---		21.400.0000.010	V 3614	45kg	42kg
		21.402.0000.010	–	45kg	42kg
		21.404.0000.010	V 3614	47kg	47kg
		21.420.0000.010 21.620.0000.405	V 8600	45kg	42kg
		21.422.0000.010	V 8600	47kg	47kg
		21.424.0000.010	VN 7608/120 3D	60kg	48kg
		21.426.0000.010	VN 7608/160 3D	60kg	48kg
		21.440.0000.010	VX 7501 3D VX 7502 3D VX 7521 3D VX 7611 3D	60kg	48kg



Figure	Hinge with frame pivot Art.-N°	Frame pocket Description	Door weight max. / frame rebate depth	
			26mm	28-45mm
	21.500.0900.--- 21.502.0902.---	VN 7608/120 3D	80kg	64kg
	21.506.0900.--- 21.508.0902.---	VN 7608/160 3D	80kg	64kg
	21.512.0900.--- 21.514.0902.---	-	80kg	64kg
	21.518.0900.--- 21.520.0902.---	VX 7501 3D VX 7502 3D VX 7521 3D VX 7611 3D	80kg	64kg
	21.930.0900.--- 21.932.0902.---	VN 7608/120 3D	80kg	64kg
	21.936.0900.--- 21.938.0902.---	VN 7608/160 3D	80kg	64kg
	21.942.0900.--- 21.944.0902.---	-	80kg	64kg
	21.948.0900.--- 21.950.0902.---	VX 7501 3D VX 7502 3D VX 7521 3D VX 7611 3D	80kg	64kg

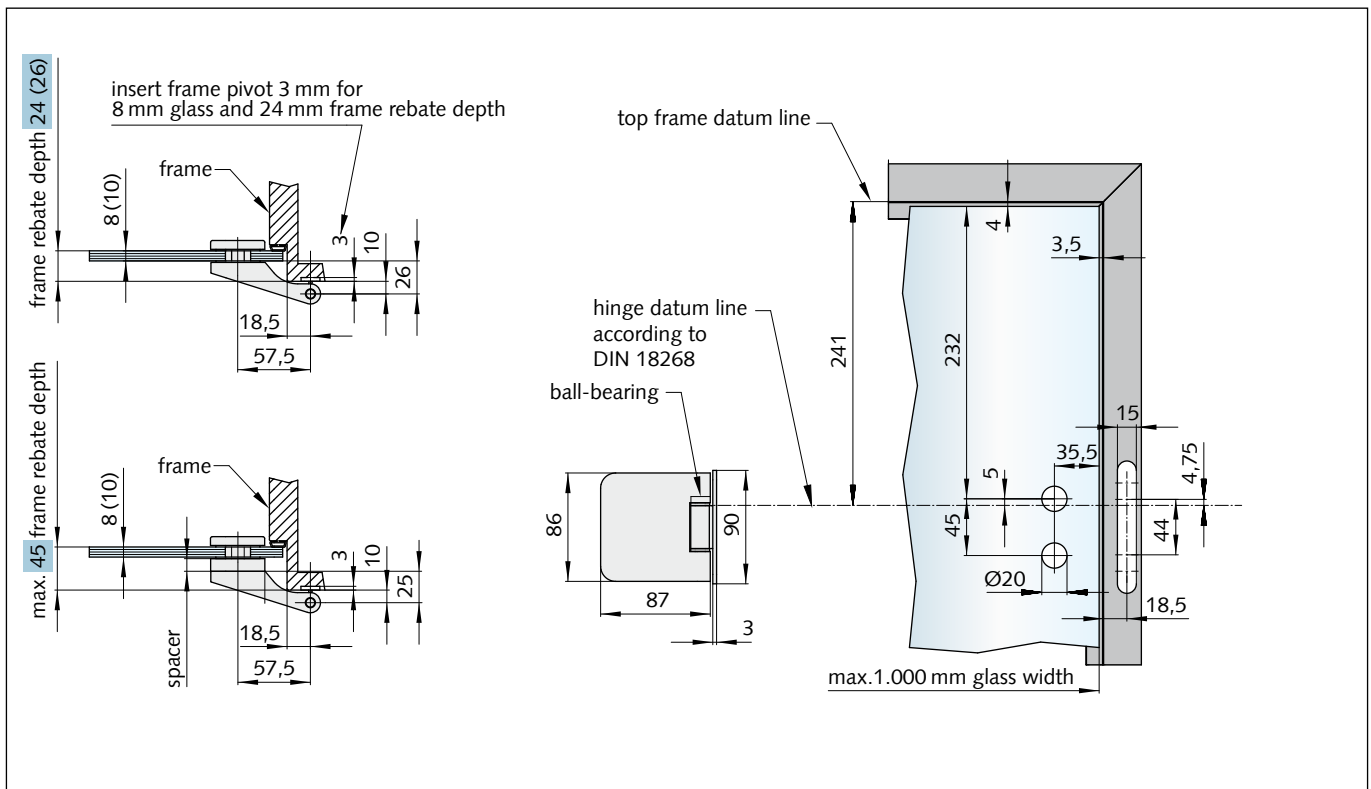
Installation Details



Hinge with frame pivot for timber frames

Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.400.0000.010
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.400.0000.010

Frame rebate depth	Door weight max.
24 mm.....	45 kg
26-45 mm.....	42 kg

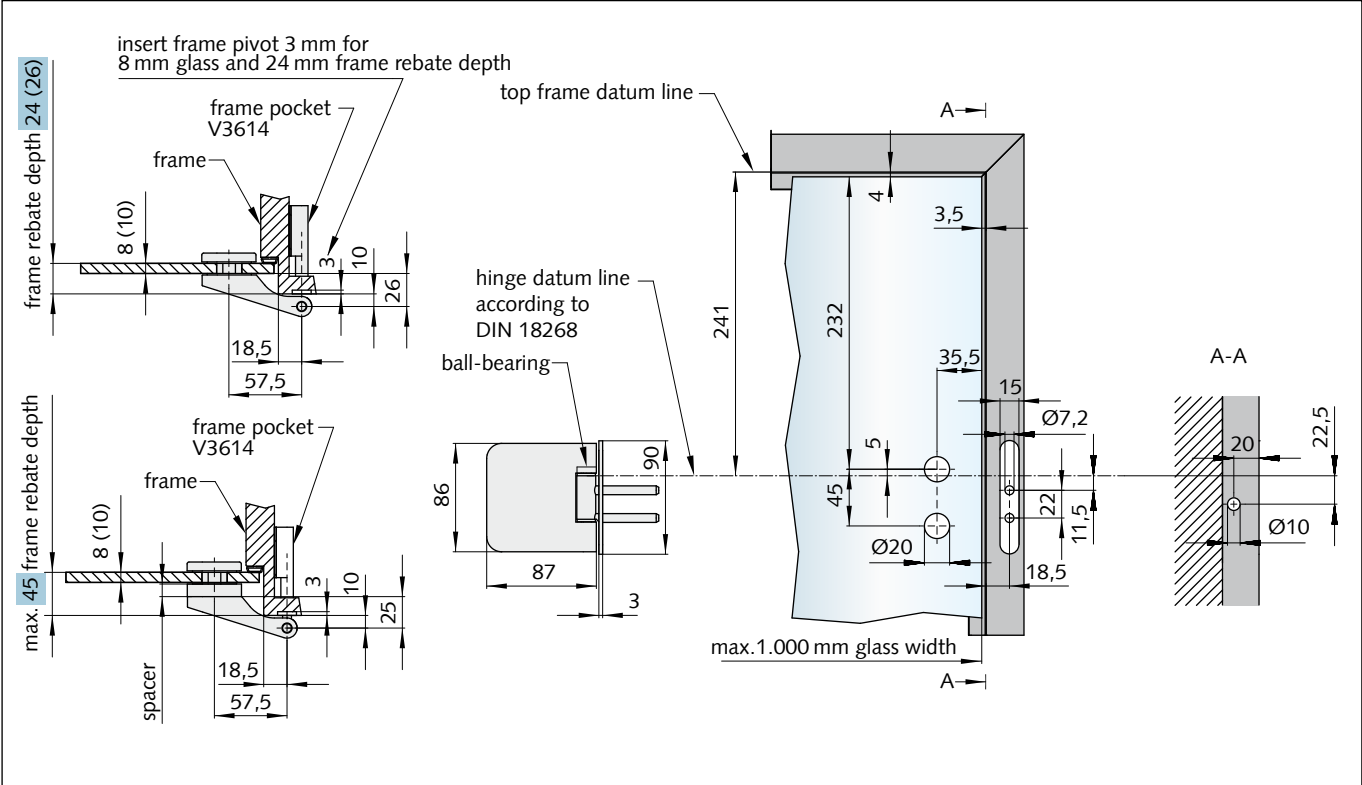


Hinge with frame pivot for timber frames

Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.402.0000.010
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.402.0000.010

Frame rebate depth	Door weight max.
24 mm.....	45 kg
26-45 mm.....	42 kg

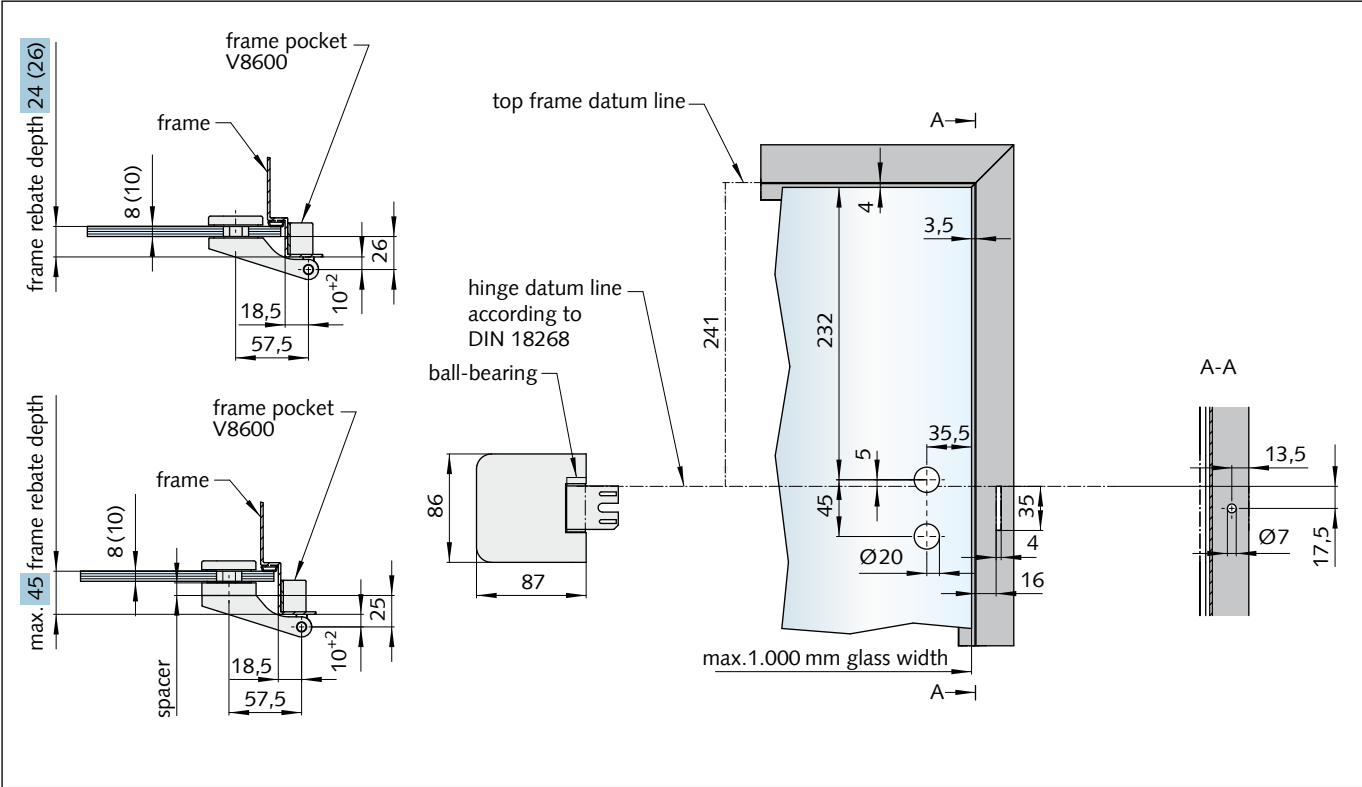
Installation Details



Hinge with frame pivot for timber frames

Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.404.0000.010
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.404.0000.010

Frame rebate depth	Door weight max.
24 mm	47 kg
26-45 mm	47 kg

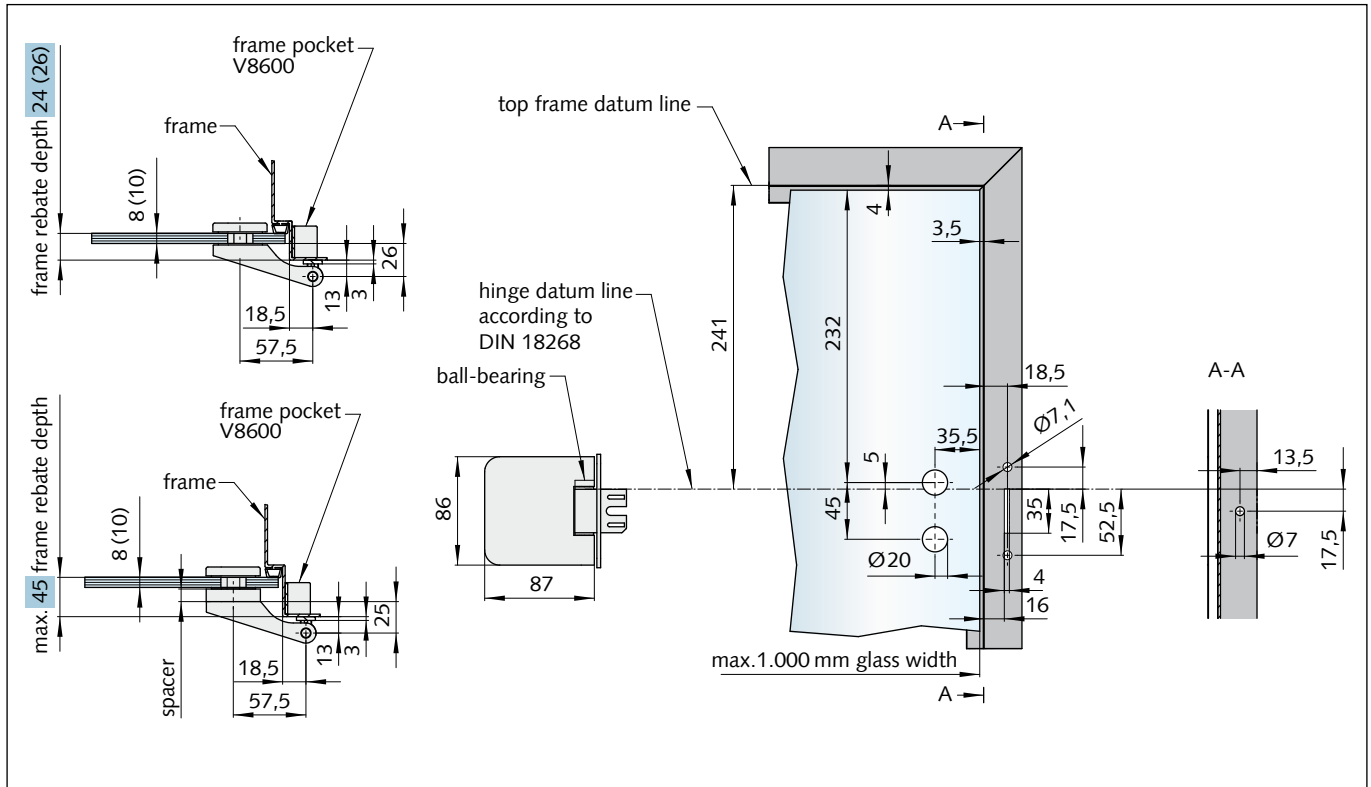


Hinge with frame pivot for metal frames

Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.420.0000.010 + 21.620.0000.405
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.420.0000.010 + 21.620.0000.405

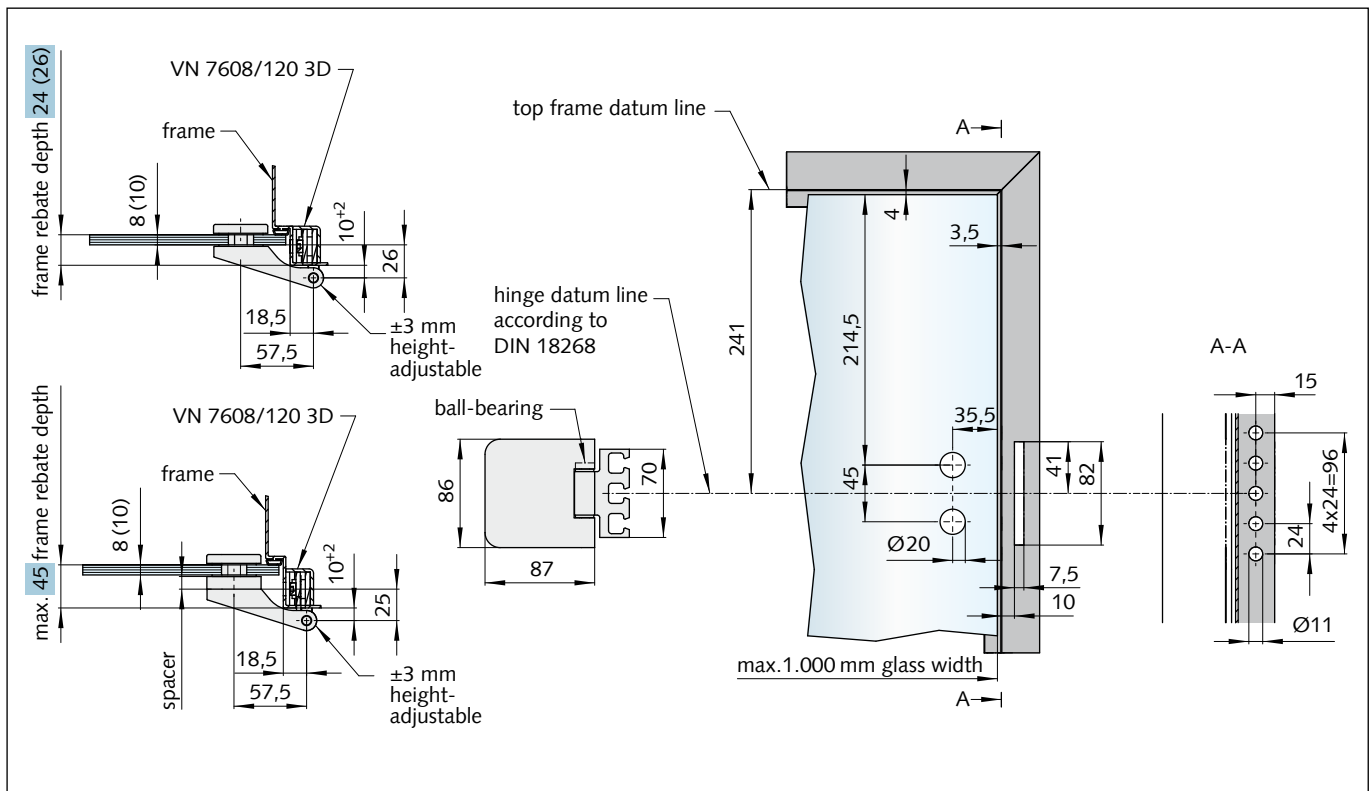
Frame rebate depth	Door weight max.
24 mm	45 kg
26-45 mm	42 kg

Installation Details



Hinge with frame pivot for metal frames
 Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.422.0000.010
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.422.0000.010

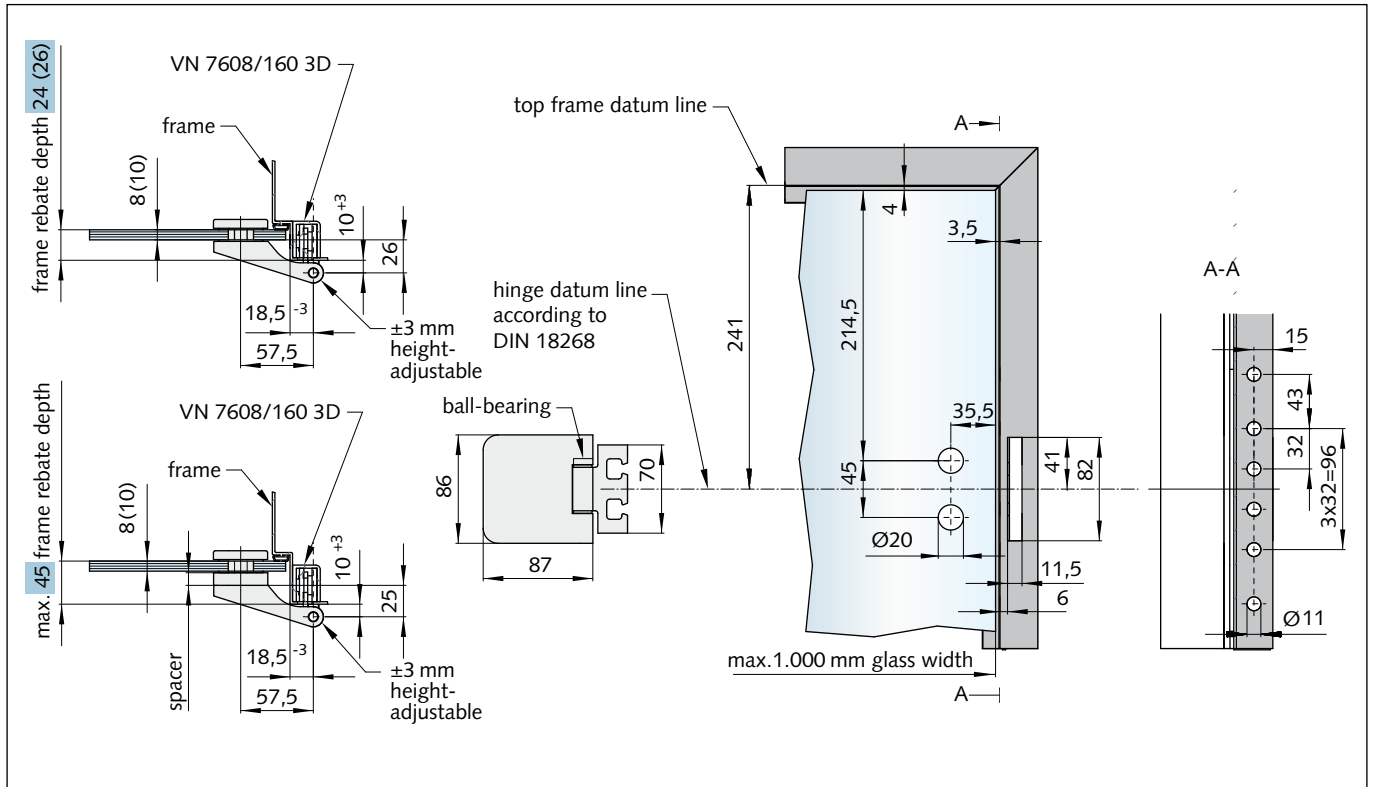
Frame rebate depth	Door weight max.
24 mm.....	47 kg
26–45 mm.....	47 kg



Hinge with frame pivot for metal frames
 Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.424.0000.010
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.424.0000.010

Frame rebate depth	Door weight max.
24 mm.....	60 kg
26–45 mm.....	48 kg

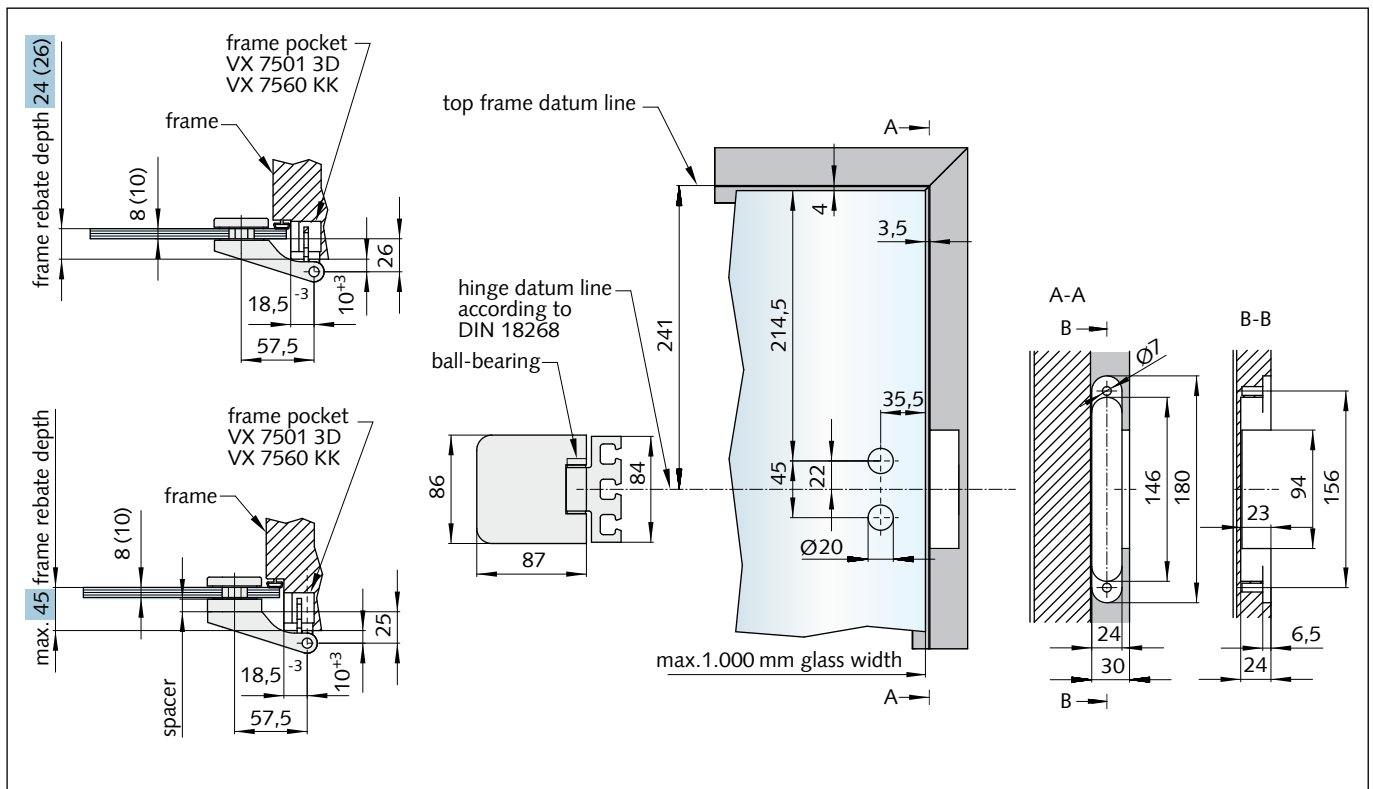
Installation Details



Hinge with frame pivot for metal frames

Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.426.0000.010
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.426.0000.010

Frame rebate depth	Door weight max.
24 mm.....	60 kg
26-45 mm.....	48 kg

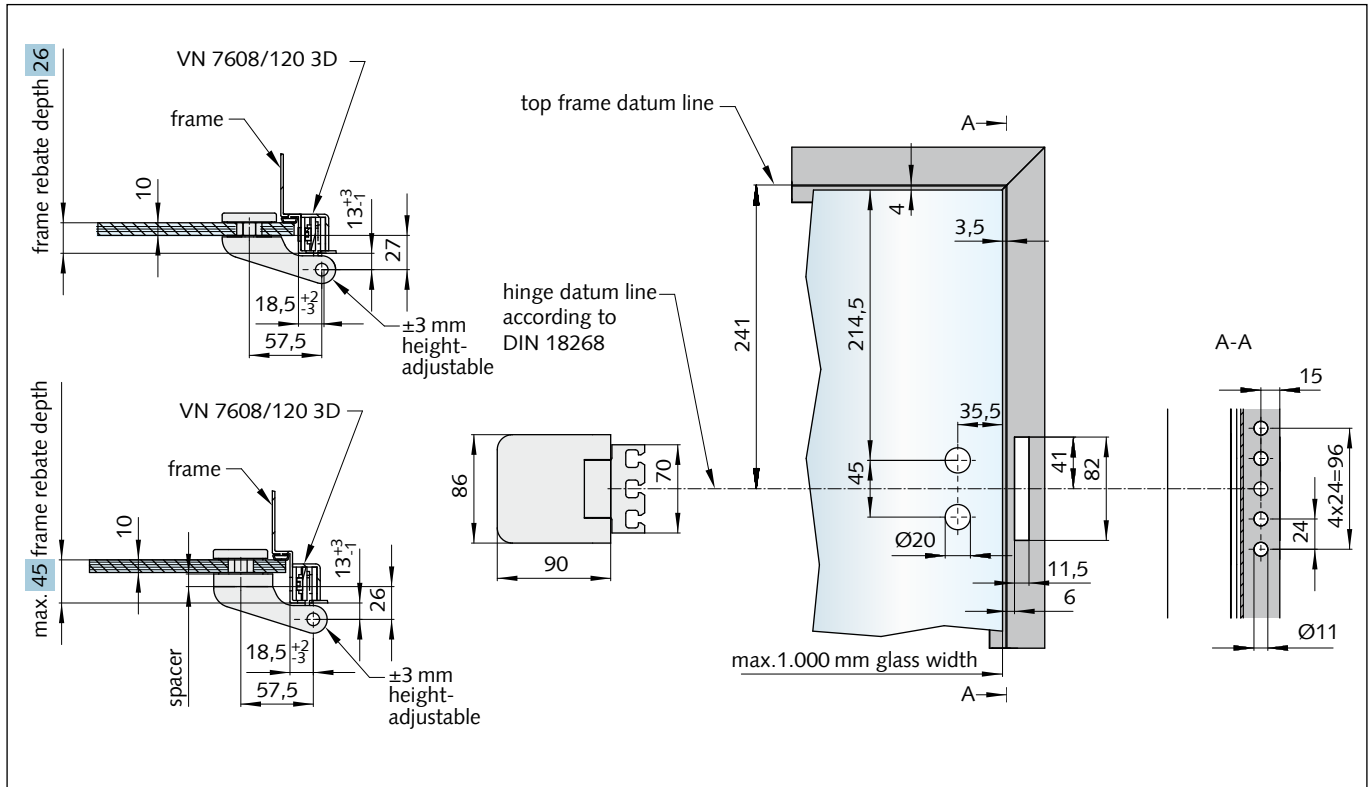


Hinge with frame pivot for timber-, metal- and aluminium frames

Art.-N° 21.300.0500.--- to 21.310.0520.--- + 21.440.0000.010
 Art.-N° 21.900.0500.--- to 21.910.0520.--- + 21.440.0000.010

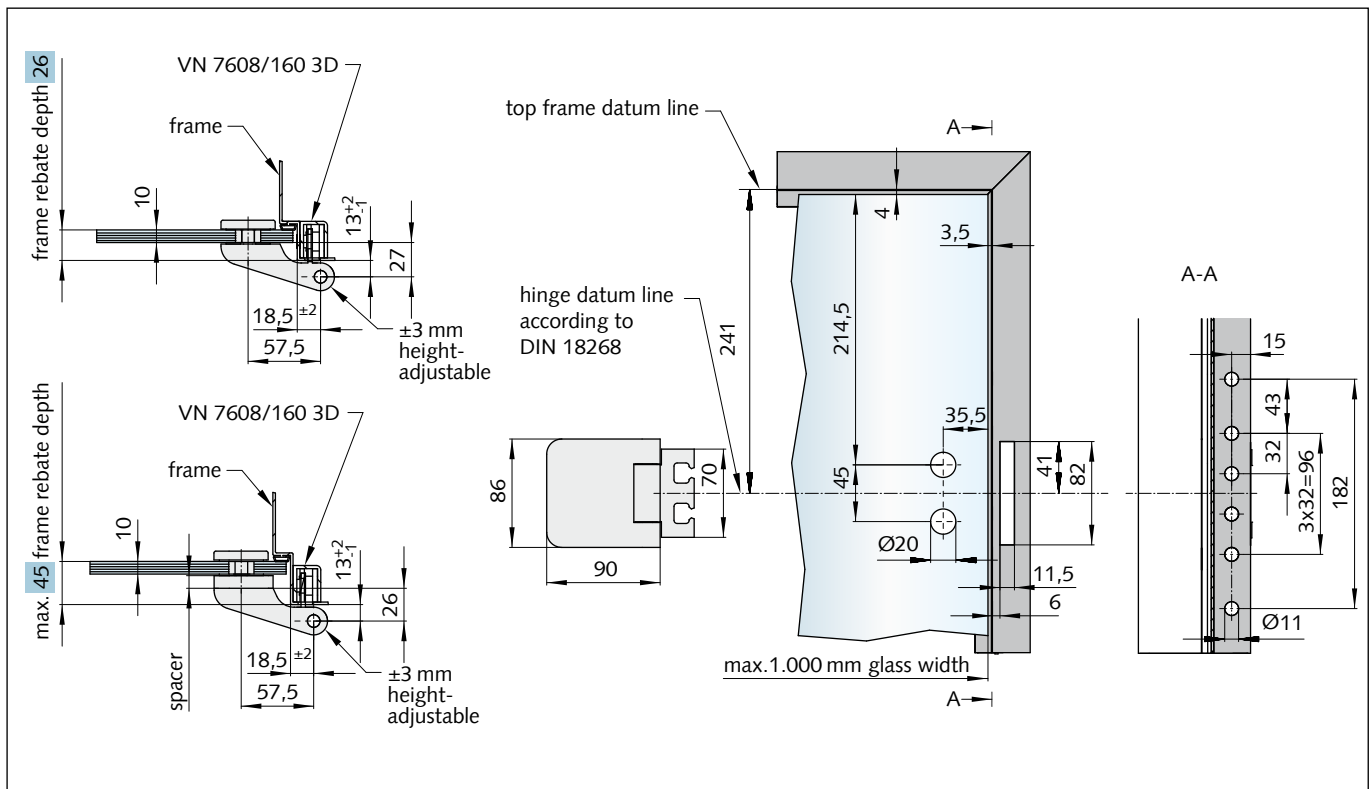
Frame rebate depth	Door weight max.
24 mm.....	60 kg
26-45 mm.....	48 kg

Installation Details



Hinge with frame pivot for metal frames
 Art.-N° 21.500.0900.--- to 21.502.0902.---
 Art.-N° 21.930.0900.--- to 21.932.0902.---

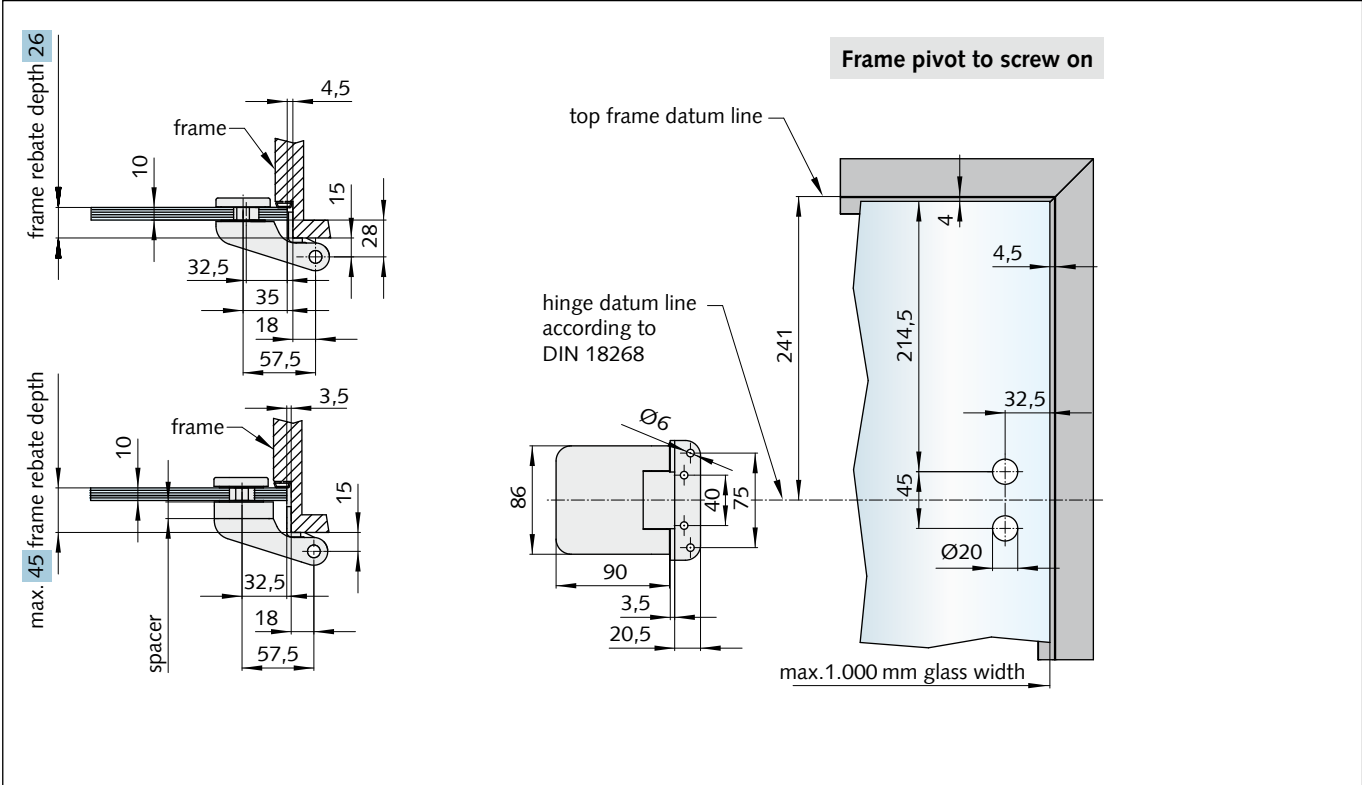
Frame rebate depth	Door weight max.
26mm.....	80kg
28-45mm.....	64kg



Hinge with frame pivot for metal frames
 Art.-N° 21.506.0900.--- to 21.508.0902.---
 Art.-N° 21.936.0900.--- to 21.938.0902.---

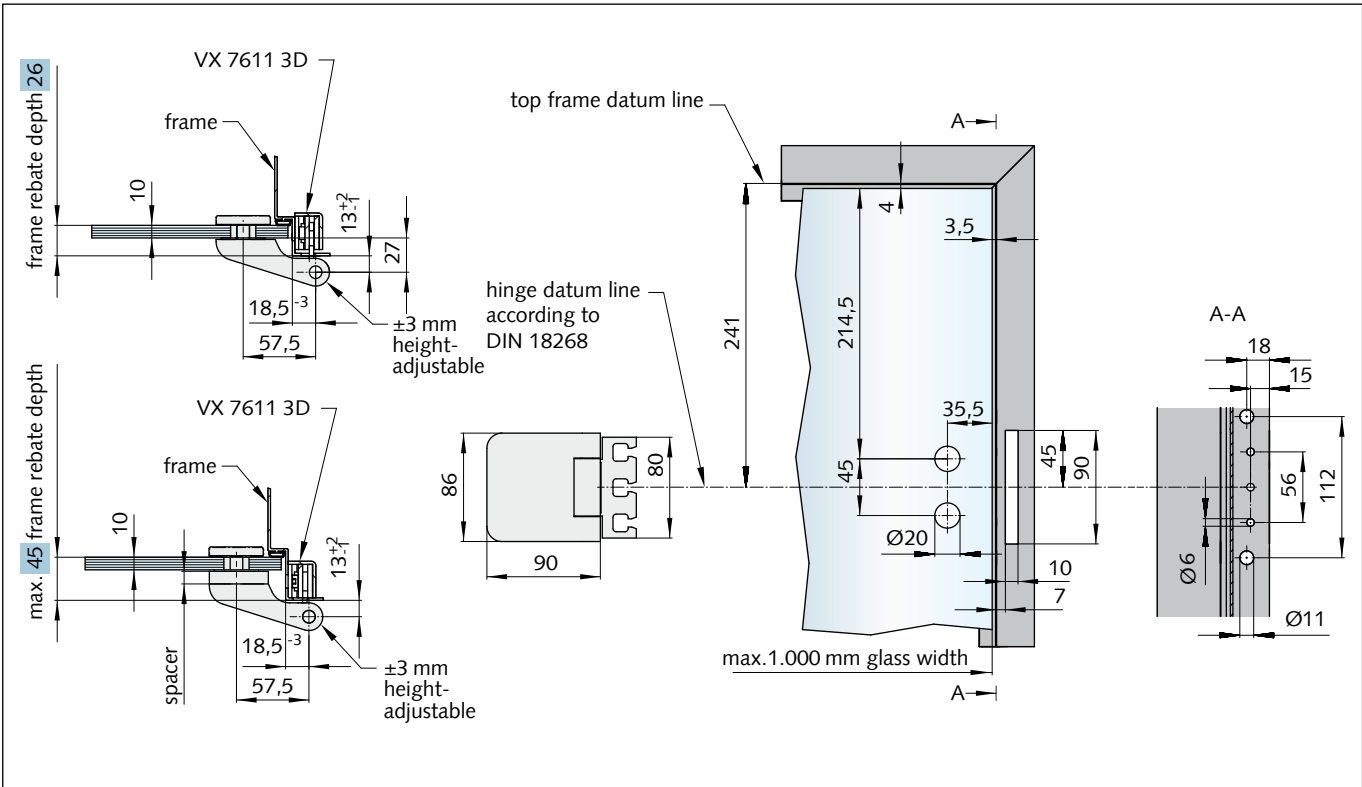
Frame rebate depth	Door weight max.
26mm.....	80kg
28-45mm.....	64kg

Installation Details



Hinge with frame pivot for timber frames
 Art.-N° 21.512.0900.--- to 21.514.0902.---
 Art.-N° 21.942.0900.--- to 21.944.0902.---

Frame rebate depth	Door weight max.
26mm.....	80 kg
28-45 mm.....	64 kg



Hinge with frame pivot for timber-, metal- and aluminium frames
 Art.-N° 21.518.0900.--- to 21.520.0902.---
 Art.-N° 21.948.0900.--- to 21.950.0902.---

Frame rebate depth	Door weight max.
26mm.....	80 kg
28-45 mm.....	64 kg

Materials and Surfaces

Steel

- 010 = galvanized
- 035 = silver lacquered
- 037 = stainless steel lacquered
- 038 = stainless steel design

Aluminium

Anodizing after EURAS standard colour swatch and standard colours (dip colouring):

- 112 = E4/C-0 silver anodized
- 114 = E6/C-0 silver anodized
- 137 = E4/C-31 stainless steel anodized
- 139 = E6/C-31 stainless steel anodized
- 174 = polished chrome
- 198 = stainless steel finish
- 199 = in special colour anodized

Powder coating (70% gloss degree):

- 250 = RAL 9010 pure white powder coated
- 295 = RAL powder coated

Brass

- 325 = matt nickel plated

Stainless steel

- 405 = 304 mill finish
- 416 = 304 polished
- 426 = 304 matt brushed

Plastic

- 505 = natural
- 550 = white
- 565 = black

Pre-treatment

- E4 = grinded and brushed
- E6 = chemical etched

Information

The selection of available materials and surfaces can be different for each product.

These examples of colours are only for your guidance. Differences in colour are determined by the printing.

Slight deviations in colour are due to the manufacturing process and cannot be eliminated completely.

Items made of different materials can slightly differ in dimension compared to the images.

Further surface finishes are available. If required, please contact our sales department.

Aluminium



E4/C-0 silver anodized (---.112)



E4/C-31 stainless steel anodized (---.137)



polished chrome (---.174)



stainless steel finish (---.198)

Stainless steel



304 polished (---.416)



304 matt brushed (---.426)

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