



# Q1 / 2019

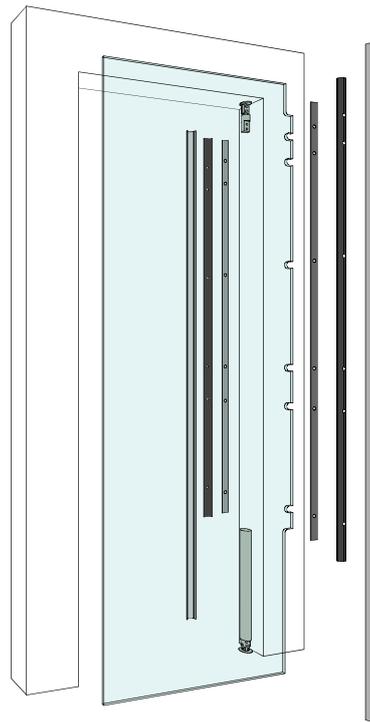
## Product Information and Technical Drawings

### Product range enlargement

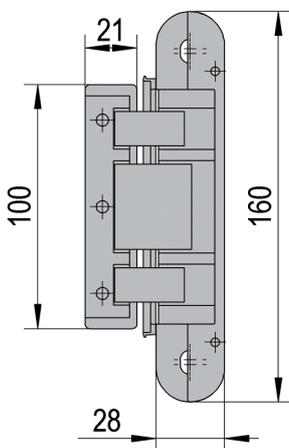
#### UniTwist

Highest safety meets an elegant appearance: Thanks to its particularly narrow gap of only 5 mm between wall and espagnolette, the UniTwist glass door hinge protects against trapped fingers at the closing edges.

From page 4

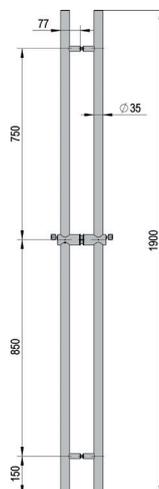


#### TECTUS®



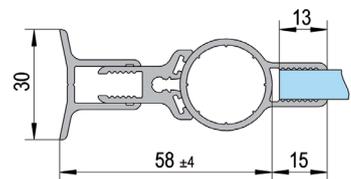
From page 2

#### Lockable rod handle



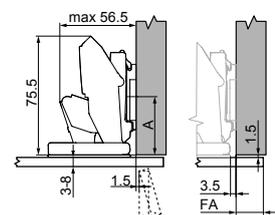
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#### Aqua Light



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#### Cristallo 110°

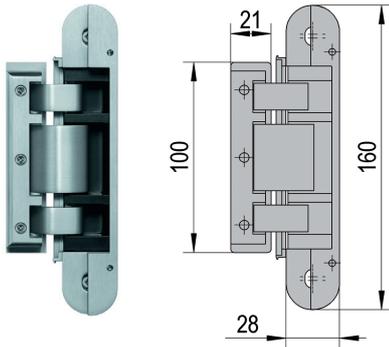


From page 11



# TECTUS®

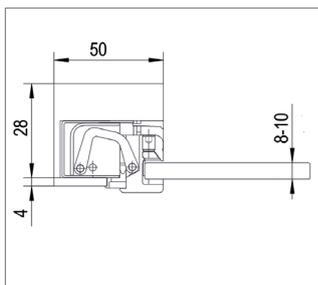
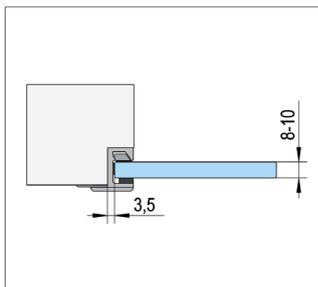
The TECTUS® glass hinge system has been developed as an aesthetic and functional application for the flush installation of glass doors. The door, frame and hinge system are located on one level – offering the ideal conditions for minimalistic design combined with highest transparency. The major benefit of the system: Glass processing is not required.



## Glass Door Hinge TECTUS®

Door type Stopper · Mounting glass/wall 90° ·  
Max. door weight per pair 60 kg · max. door  
height 2300 mm · Glass thickness tempered glass  
8, 10 mm · Continuous height adjustment with additional  
fine adjustment (+/- 1.0 mm) · Rebate width  
11-15 mm · opening angle 180°

Included in delivery  
1 pair



FINISH

ART. NO.

brushed

BO 5206680

traffic white RAL 9016

BO 5206681

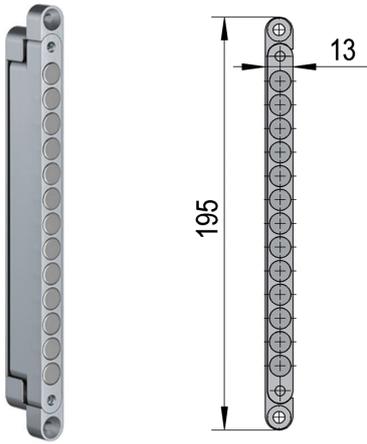
matt grey NCS 8000N

BO 5206682



© Photo: SIMONSWERK

## Closing magnet



FINISH

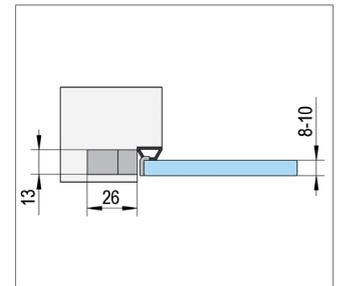
stainless steel look

ART. NO.

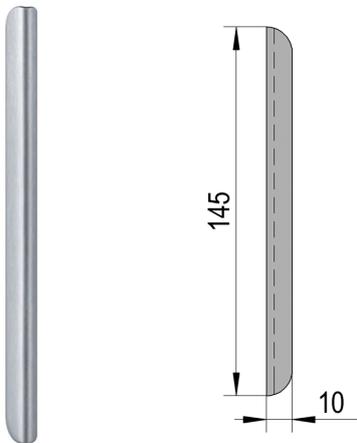
BO 5206683

**i** Continuously adjustable holding capacity up to 5.0 kg · For use with wooden, steel and aluminium frames

Included in delivery  
1x Closing magnet



## Magnet sheet for All-Glass Doors



FINISH

brushed

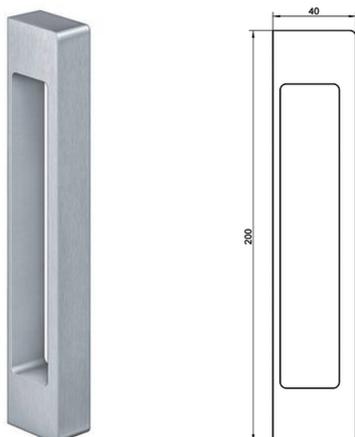
ART. NO.

BO 5206685

The magnetic closing mechanism consists of the closing magnet for the frame and the magnetic plate for the all-glass door. Together they achieve an aesthetically unobtrusive appearance.

Included in delivery  
1x Magnet sheet

## Handle self-adhesive



FINISH

stainless steel look anodised E1/C31

matt grey NCS 8000N

ART. NO.

BO 5206686

BO 5206687

Width (ø) 26 mm · Length (L) 200 mm · Depth (H) 40 mm

**i** Self-adhesive fixing · The handle comes with a pre-applied adhesive tape for permanent fixing. · A positioning gage is included in delivery.



# UniTwist

Highest safety meets an elegant appearance: Thanks to its particularly narrow gap of only 5 mm between wall and espagnolette, the UniTwist glass door hinge protects against trapped fingers at the closing edges. The vertical hinge completely frames the glass door edge and therefore literally provides safety all along the line. For this reason, UniTwist is especially appropriate for homes with young children, in daycare centres, schools and other public buildings.



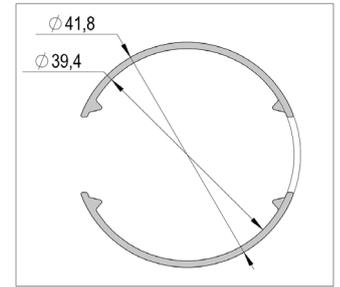
## UniTwist Cover caps for overpanel



DESCRIPTION	ART. NO.
Length 600 mm	BO 5106083
Length 800 mm	BO 5106084

The cover caps are simply clipped on the overpanel and fixed with end caps · Material aluminium · Finish aluminium-coloured E6/EV1

**Included in delivery**  
1 pair Cover Caps



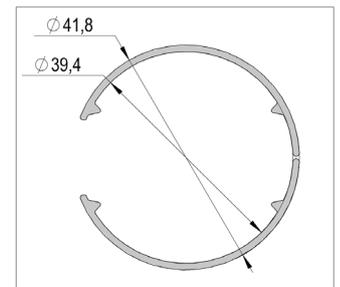
## UniTwist Cover caps for glass door mounting rod



DESCRIPTION	ART. NO.
Length 2500 mm	BO 5106085
Length 2900 mm	BO 5106086

The cover caps are simply clipped on the overpanel and are fixed with two small grub screws · Material aluminium · Finish aluminium-coloured E6/EV1

**Included in delivery**  
1 pair Cover Caps

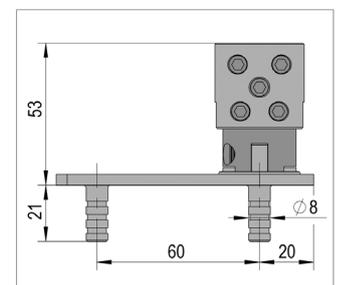


## UniTwist Floor pivot



ART. NO.
BO 5106087

**i** The floor pivot is fixed quickly and easily with only two fixing points. Additional floor excavations are not required. The side, depth and height clearances (+/- 4 mm), as well as the zero position (+/- 10°) can be adjusted via the floor pivot. · We recommend assembly mortar 300T (BO 5211143) for fixing the floor pivot to the floor · Material stainless steel AISI 304 · Finish brushed



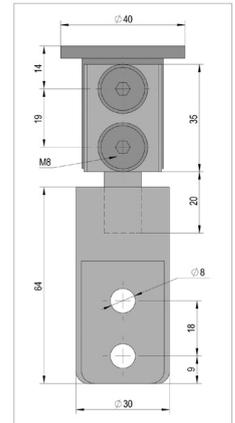
## UniTwist Top Pivot



ART. NO.

BO 5106088

ⓘ The top pivot is only fixed with one fixing point. The side clearance (+/- 4 mm) can be adjusted via the top pivot. · Supplied without mounting hardware · We recommend assembly mortar 300T (BO 5211143) for fixing the top pivot to the ceiling. · Material stainless steel AISI 304



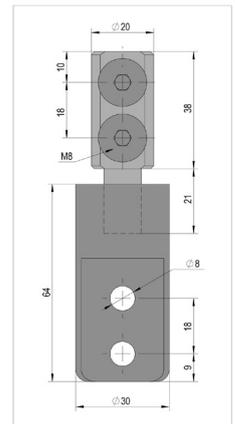
## UniTwist Pivot for overpanel



ART. NO.

BO 5106089

ⓘ The overpanel pivot connects the mounting rods for glass door and overpanel. · Material stainless steel AISI 304



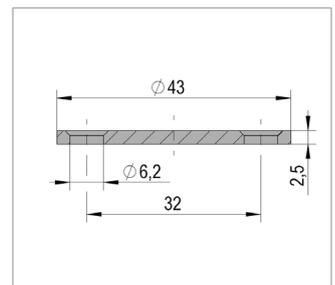
## UniTwist End cap for glass overpanel mounting rod



ART. NO.

BO 5106090

ⓘ The end cap fixes the cover of the overpanel mounting rod. · Material plastic · Finish black



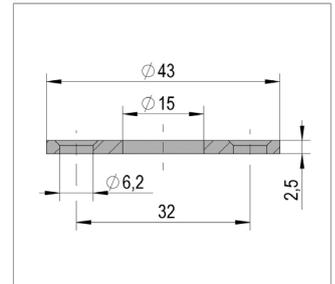
## UniTwist End cap for overpanel mounting rod with a hole



ART. NO.

BO 5106104

**i** The end cap with a hole fixes the cover of the overpanel mounting rod at the side of the door hinges. · Material plastic · Finish black



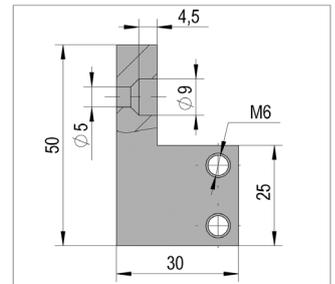
## UniTwist Glass-wall mounting bracket for overpanel



ART. NO.

BO 5106097

**i** The mounting brackets are fixed in the overpanel glass-wall mounting rods and assure a secure hold of the overpanel. · Supplied without mounting hardware



## UniTwist Glass mounting rod for overpanel glass/glass



DESCRIPTION

ART. NO.

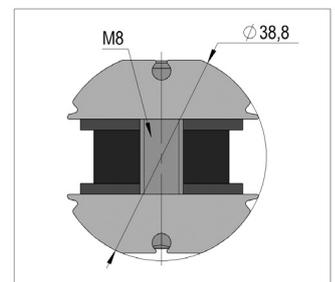
Length 550 mm

BO 5106091

Length 750 mm

BO 5106092

**i** The glass mounting rod is installed between two overpanels and enables the safe clamping of the elements. · The rods must be trimmed to size individually. · Glass thickness tempered glass 10 -12 mm

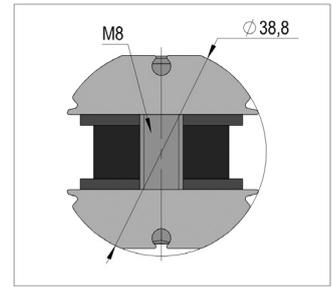


## UniTwist Glass mounting rod for overpanel glass/wall



DESCRIPTION	ART. NO.
Length 550 mm	BO 5106093
Length 750 mm	BO 5106094

**i** The glass mounting rod is installed on the wall with two mounting brackets and enables the safe clamping of the elements. · The rods must be trimmed to size individually. · Glass thickness tempered glass 10 -12 mm

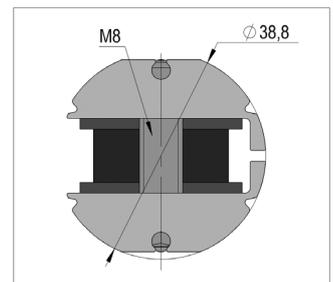


## UniTwist Glass mounting rod for door



DESCRIPTION	ART. NO.
Length 1906 mm · Glass thickness tempered glass 10 - 12 mm	BO 5106095
Length 2281 mm · Glass thickness tempered glass 10 mm	BO 5106096

**i** The door hinge can be adjusted via the top and floor pivots, as well as via the rod, and is thus three-dimensionally flexible (side, depth, height: +/- 4 mm). The zero position can be adjusted by +/- 10° and the closing speed can also be set individually. · The rods must be trimmed to size individually.



## UniTwist Door closer



MAX. DOOR WIDTH · MAX. DOOR WEIGHT ·  
CLOSING FORCE · HOLD POSITION

ART. NO.

850 mm · 60 kg · EN2 · 90° **BO 5106098**

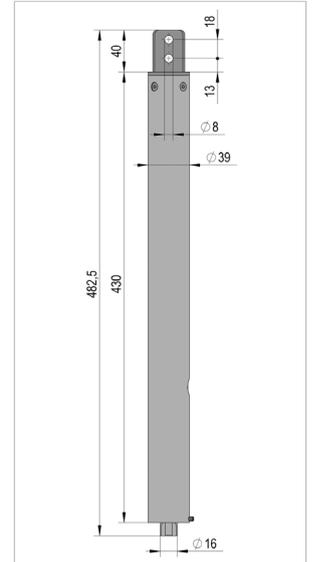
850 mm · 60 kg · EN2 · 150° **BO 5106100**

983 mm · 80 kg · EN3 · 90° **BO 5106099**

983 mm · 80 kg · EN3 · 150° **BO 5106101**

Max. door opening angle 180°

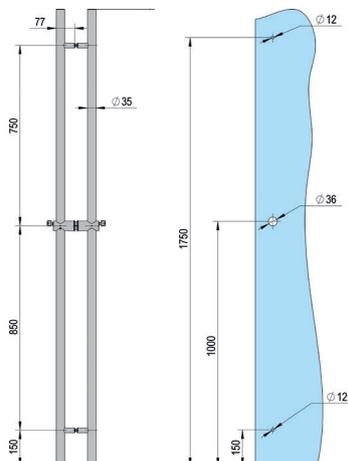
❗ The door hinge can be adjusted via the top and floor pivots, as well as via the rod, and is thus three-dimensionally flexible (side, depth, height: +/- 4 mm). The zero position can be adjusted by +/- 10° and the closing speed can also be set individually.



## Lockable rod handle

The lockable rod handle is a comfortable locking system with the lock positioned in a convenient, ergonomic height. It is well suited for all standard 30/160 Euro profile cylinders. The cylinder is easily exchangeable and can therefore simply be adapted to individual locking systems. Both double and knob cylinders can be used for this system. With a length of 1,900 mm and a downward closing mechanism, the rod handle is universally applicable for sliding and swinging doors.

### Lockable rod handle



HANDLE TYPE · LENGTH (L)

ART. NO.

Handle type · 1900 mm **BO 5213347**

Cylinder lock without knob · 30/160 mm **BO 5213348**

Cylinder lock with knob · 30/160 mm **BO 5213349**

Other lengths are available upon request!

❗ Width (ø) 35 mm · Depth (H) 77 mm · Material stainless steel AISI 304 · Finish brushed



# Aqua light

The Aqua Light shower door hinges from Bohle offer the perfect alternative to any standard shower door hinges. The aluminium profile system combines unobtrusive and elegant design with state-of-the-art technology. The system is equipped with a continuously adjustable zero position and a rise and fall mechanism. Previous glass processing is not required as the parts can be bonded to each other. Thanks to its attractive value for money, Aqua Light is particularly interesting for the project business.



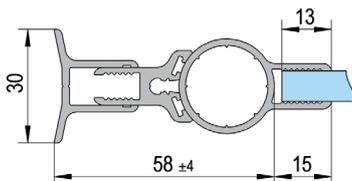
## Shower Door Hinge Aqua light glass/wall 90° for 8 mm

Door type Swinging · Line Aqua · Mounting glass/wall 90 ° · Max. door weight per pair 36 kg

• Glass thickness 8 mm · lifting height 5 mm · Hold position both sides at 90° · Profile length 2200 mm · can be cut to the desired length · Please order two sets for double door applications. · special profiles are also available as accessories for connecting to sidelights.

### Included in delivery

- 1x Wall Profile
- 1x Intermediate profile with brush strips
- 1x Glass profile
- 1x Accessory set incl. end stops



FINISH

ART. NO.

aluminium-coloured  
anodised E6/CO

BO 5200419

polished anodised E6/CO

BO 5200420

black C35

BO 5200421B





# Cristallo 110°

Due to its technical subtleties and its compact and unobtrusive shaping, Cristallo 110° offers versatile application possibilities when bonding glass doors and glass carcasses. The distance door to body amounts to 19 mm. The glass-wood version uses a standard cross mounting plate, whereas the glass-glass version is equipped with a cabinet bonding plate with snap-on function.

## Cristallo 110° Hinge Set Including bonding plates Damping mechanism can be deactivated



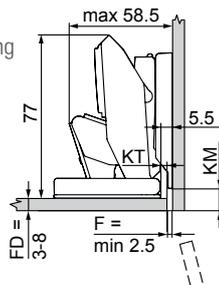
MOUNTING	ART. NO.
glass/glass	BO 5206080

Material steel diecast zinc · Finish matt nickel-plated · Fixing type Bonded without glass processing · Included in delivery: 1x Mounting Plate, 1x Bonding Plate, 1x Hinge Arm

**i** Damping mechanism can be deactivated · Door does not protrude into carcass when opening · Distance door to body up to 19 mm · inset and overlay doors · Adjustment dimensions max. height / depth / width  $\pm 3 / +3 - -2 / \pm 2$  mm · Door size max. 600 x 2400 mm

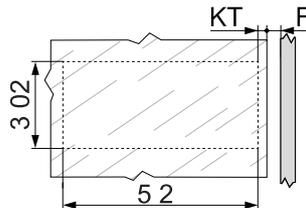
### Bonding dimensions

FD = glass thickness, F = joint, KM = bonding dimension mounting plate, KT = bonding plate dimensions



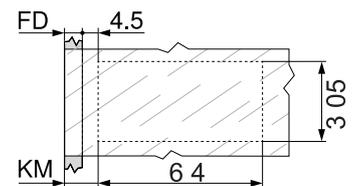
### Bonding plate dimensions

F = joint, KT = bonding plate dimension  
KT = 5.5 mm - F



### Mounting plate dimensions

FD = glass thickness, KM = bonding plate dimension, KM = FD + 4.5 mm



## Cristallo 110° Hinge Set Including bonding plate and cross mounting plate Damping mechanism can be deactivated

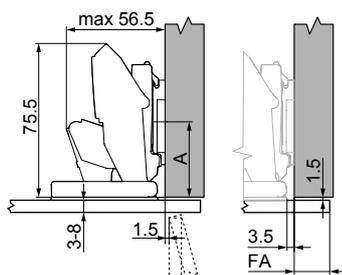


MOUNTING	ART. NO.
glass/wood	BO 5206081

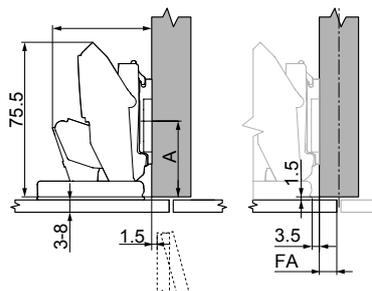
Material steel diecast zinc · Finish matt nickel-plated · Fixing type Bonded without glass processing · Included in delivery: 1x Mounting Plate, 1x Bonding Plate, 1x Hinge Arm

**i** Damping mechanism can be deactivated · Door does not protrude into carcass when opening · Distance door to body up to 19 mm · inset and overlay doors · Adjustment dimensions max. height / depth / width  $\pm 3 / +3 - -2 / \pm 2$  mm · Door size max. 600 x 2400 mm

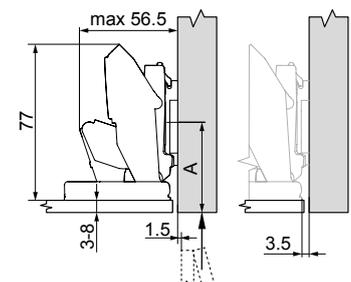
### Overlay



### Semi-overlay



### Inset



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