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WINDOW TECHNOLOGY



GU-823 | GU-923

EN

## Fold&Slide hardware

for timber, PVC and aluminium windows and balcony-doors

Installation, operating and maintenance instructions

Securing technology for you



# GU-823 | GU-923

Fold&Slide hardware for timber, PVC and aluminium windows and balcony-doors



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## Important information on this guide

In addition to these installation, operating and maintenance instructions, the following installation drawings are also required to install the Fold&Slide hardware:

- Installation drawing for Fold&Slide hardware (depending on profile)
- Installation drawing for Turn-Only or Tilt&Turn hardware (depending on profile)

You can obtain the installation drawings from our field service or via the relevant sales and distribution company.

**Translation of the original instructions**

**Please pass the document on to the user!**

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## 1. Safety advice and definitions

### 1.1 Warning symbols



**DANGER** denotes a dangerous situation which, if not avoided, could lead to death or serious injury.



**WARNING** denotes a dangerous situation which, if ignored, could lead to death or serious injury.



**CAUTION** denotes a dangerous situation which, if not avoided, could lead to injuries.

**ATTENTION**

**ATTENTION** denotes a situation which could lead to material damage.

**NOTE**

**NOTE** denotes a statement which is provided for information only.

### 1.2 Safety instructions



**Death or severe injury due to falling from open windows or open balcony-door!**

Be especially careful when working near open windows and balcony-doors!  
Keep children and persons in need of protection away from the source of danger!



**Shearing and crushing of limbs!**

During operation and when the system is open, never put fingers or hands between moving and fixed elements of the windows/balcony-doors and frame.

Especially at the secondary closing edge, but also at the main and counter-closing edge, there is a danger of crushing and limbs being drawn in.



**Danger from impact of window or balcony-door due to wind!**

Close windows and balcony-doors if wind or draughts are present.



**Physical injury and material damage due to foreign objects between window or balcony-door and frame!**

Do not insert foreign objects between the window or balcony-door and frame!



**Physical injury or material damage due to additional loading of window or balcony-door!**

Do not put any additional load on the window or balcony-door!



**Physical injury or material damage due to over-pressing the window or balcony-door in the open position!**

Over-pressing the window or balcony-door can overload the hardware and damage it beyond repair!

Never over-press the window or balcony-door when it is open!

### 1.3 Definition

SW	Sash width
SH	Sash height
SRW	Sash rebate width
SRH	Sash rebate height
ST	Sash thickness
HH	Handle height
TFW	Total frame width
FRW	Frame rebate width
TFH	Total frame height
FRH	Frame rebate height
LH	Left-hand
RH	Right-hand
LC	Locking cam
PC	Profile cylinder hole
SG	Shadow gap
PU	Packing unit

### 1.4 Intended use

The GU-823 and GU-923 Fold&Slide hardware is designed for vertically installed windows and balcony-doors. The main areas of application are large-format openings that act as transitions between public or private indoor and outdoor areas.

Intended use includes compliance with the manufacturer's specifications, in particular the instructions in the supplied assembly, operating and maintenance instructions and installation drawings. This is the only way to avoid damage.

GU excludes any liability for damage arising from changes made to the Fold&Slide hardware without its consent.

All deliveries are made on the basis of our General Terms and Conditions.

## 2. Product description

### 2.1 General product features and range of application

The GU-823 and GU-923 Fold&Slide hardware is designed for windows and balcony-doors in public and private areas, e.g. to provide barrier-free access from a private apartment to a terrace. The open sashes can be parked to the side in a space saving manner and are therefore an ideal solution for large-format door openings.

The Fold&Slide hardware is suitable for sash weights up to 80 kg or 130 kg and sash widths up to max. 1000 mm (depending on profile).

The Fold&Slide hardware may only be used in profile systems approved by Gretsche-Unitas GmbH Baubeschlge. Information about approved profile systems and corresponding installation drawings can be obtained on request from Gretsche-Unitas GmbH Baubeschlge.

#### Drilling jigs and templates

Optional drilling jigs and templates are available from GU for installation of the hardware which can speed up the process considerably.

A description of how to use the drilling jigs and templates is provided in the installation drawings.

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## 2.2 Technical data

### Range of application

- Fold&Slide balcony-door elements with 3 to 7 sashes
- Fold&Slide window elements with 3 to 7 sashes

### Dimensions and weights

Profiles with 16 mm hardware groove	Sash rebate width SRW	Sash rebate height SRH	Sash weight
Timber	500 mm – 1000 mm	851 mm – 2350 mm	up to 80 kg / 130 kg
PVC	500 mm – 1000 mm *	851 mm – 2350 mm	up to 80 kg *
Profiles with Euro-groove 15/20	Sash width SW	Sash height FH	Sash weight
Aluminium	500 mm – 1000 mm *	850 mm – 2350 mm	up to 80 kg *

\* depending on profile

The windows and doors are always constructed with running rails and guide tracks.

## 2.3 Components and accessories

### F&S profiles

- F&S profiles Timber/PVC,
  - Total frame width up to 3000 mm K-18395-30-0-\*
  - Total frame width up to 4000 mm K-18395-40-0-\*
  - Total frame width up to 5000 mm K-18395-50-0-\*
  - Total frame width up to 6700 mm K-18395-67-0-\*
- F&S profiles Aluminium,
  - Total frame width up to 3000 mm K-18511-30-0-\*
  - Total frame width up to 4000 mm K-18511-40-0-\*
  - Total frame width up to 5000 mm K-18511-50-0-\*
  - Total frame width up to 6700 mm K-18511-67-0-\*

\* Colour: 1 = Silver EV1, 5 = Brown UC5

### F&S basic hardware sets

- SFB basic hardware set 80 kg up to 80 kg (timber/PVC/aluminium) K-18391-00-0-\*
- SFB basic hardware set 130 kg up to 130 kg (timber) K-18933-00-0-\*

\* Colour: 1 = Silver EV1; 5 = Brown UC5; 7 = White

### F&S sash hinges

- F&S sash hinge timber/PVC/aluminium (3 complete hinges) K-18394-50-0-\*

\* Colour: 1 = Silver EV1; 5 = Brown UC5; 7 = White

### F&S adapter set for roller track

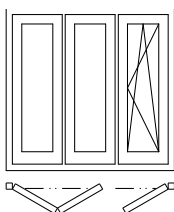
- F&S adapter set for roller track (timber/PVC) K-18398-00-0-1
- F&S adapter set for roller track (aluminium) K-18398-01-0-1

### 3. Installation

#### 3.1 Sash configuration patterns

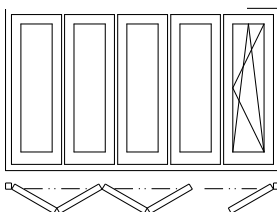
##### Pattern 321 \*

2 Fold&Slide sashes  
1 Tilt&Turn sash



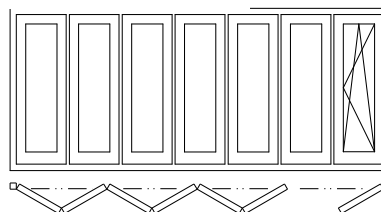
##### Pattern 541 \*

4 Fold&Slide sashes  
1 Tilt&Turn sash



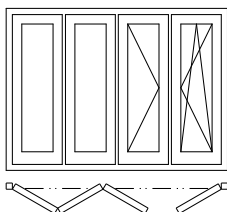
##### Pattern 761 \*

6 Fold&Slide sashes  
1 Tilt&Turn sash



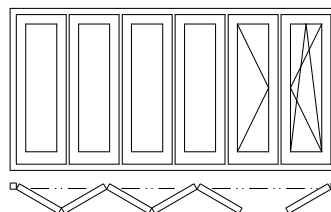
##### Pattern 431 \*

2 Fold&Slide sashes  
1 Turn-Only dummy mullion sash  
1 Tilt&Turn sash



##### Pattern 651 \*

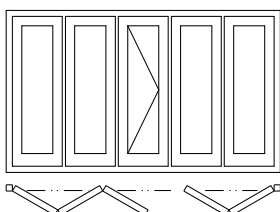
4 Fold&Slide sashes  
1 Turn-Only dummy mullion sash  
1 Tilt&Turn sash



\* Passage sash also as Turn-Only sash  
■ with hinges and  
UNI-JET Turn-Only locking system  
■ with UNI-JET Turn-Only hardware

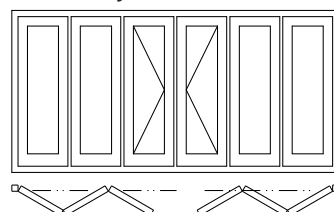
##### Pattern 532

4 Fold&Slide sashes  
1 Turn-Only sash



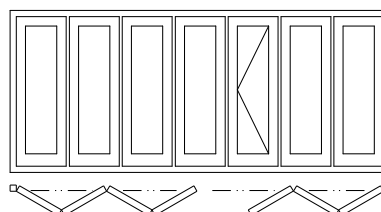
##### Pattern 633

4 Fold&Slide sashes  
1 Turn-Only dummy mullion sash  
1 Turn-Only sash



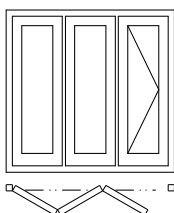
##### Pattern 743

6 Fold&Slide sashes  
1 Turn-Only sash



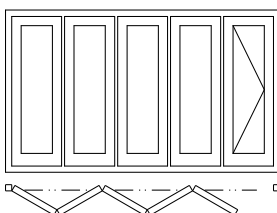
##### Pattern 330

2 Fold&Slide sashes  
1 Turn-Only sash



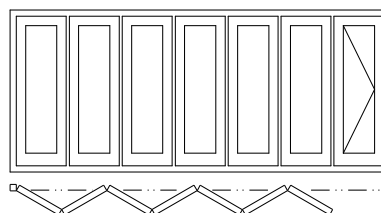
##### Pattern 550

4 Fold&Slide sashes  
1 Turn-Only sash



##### Pattern 770

6 Fold&Slide sashes  
1 Turn-Only sash



Sash configuration according to patterns 321 to 770 with and without Tilt&Turn or Turn-Only sash

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### 3.2 Overview of hardware components

Position	Hardware component	Contained in
1	Bottom pivot-rest	F&S basic hardware set
2	Top pivot-rest	F&S basic hardware set
3	Sash hinges	F&S sash hinge
4	Frame hinges	
5	Sash hinge packers	
6	Folding catch / support	
7	Guide track	F&S profiles
8	Roller track	F&S profiles
9	Turn handle	

Overview of hardware components



### 3.3 Overview of central locking system components

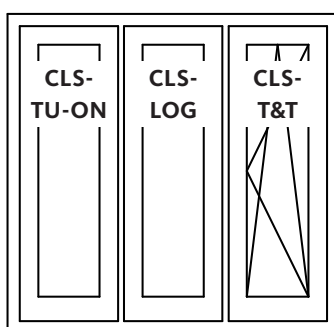
The profile-specific central locking system components have to be ordered and installed according to the installation drawings.

#### 3.3.1 Hardware components for timber / PVC profiles with 16 mm hardware groove

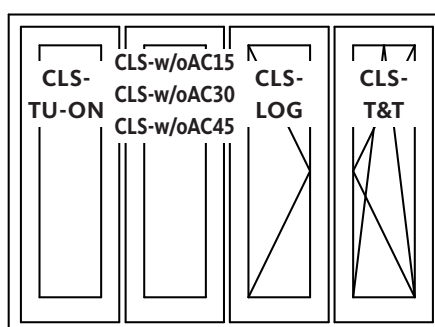
#### **NOTE**

Hardware configuration depending on the profile system

Example: pattern 321

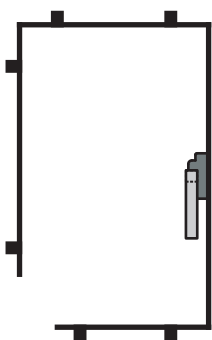


Example: pattern 431



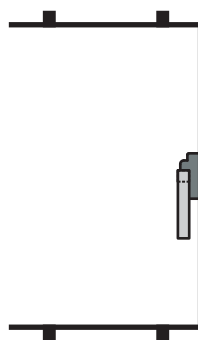
CLS-TU-ON

Central locking system for Turn-Only windows



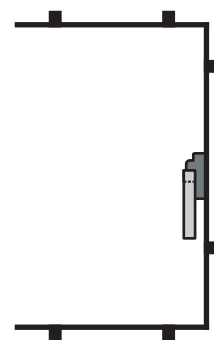
CLS-w/oAC15 /30 /45

Central locking system with BS 15/30/45 drive-gear, without automatic cams



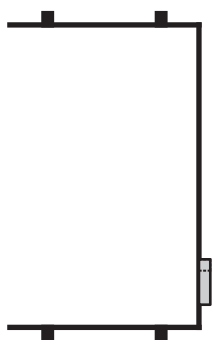
CLS-wAC15

Central locking system with BS15 drive-gear, with automatic cams



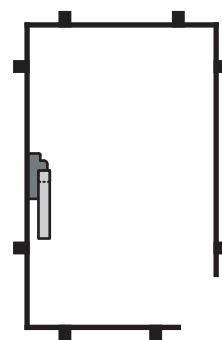
CLS-LOG

Central locking system with lever-operated drive-gear



CLS-T&T

Central locking system for Tilt&Turn windows



Overview of central locking system components

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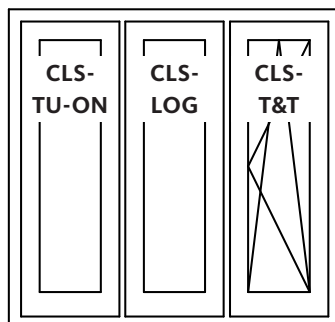


## 3.3.2 Components for aluminium profiles with Euro-groove 15/20

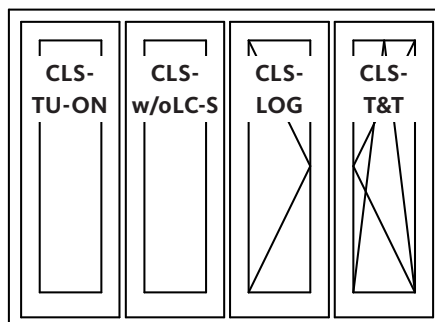
### NOTE

Hardware configuration depending on the profile system

Example: pattern 321

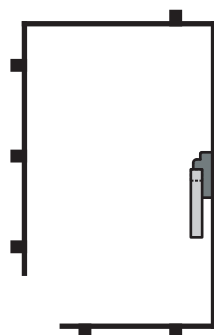


Example: pattern 431



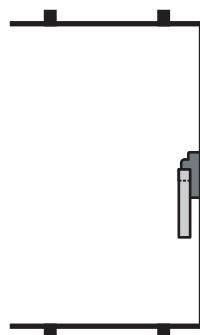
CLS-TU-ON

Central locking system for Turn-Only windows



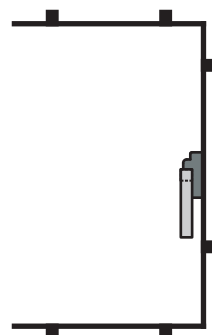
CLS-w/oLC-S

Central locking system with drive-gear, without additional side-locking cams



CLS-wLC-S

Central locking system with drive-gear, with additional side-locking cams



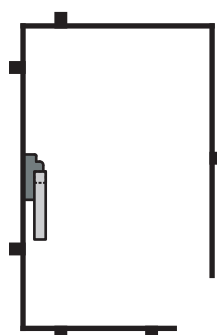
CLS-LOG

Central locking system with lever-operated drive-gear



CLS-T&T

Central locking system for Tilt&Turn windows



Overview of central locking system components

### 3.4 Blocking of glazing

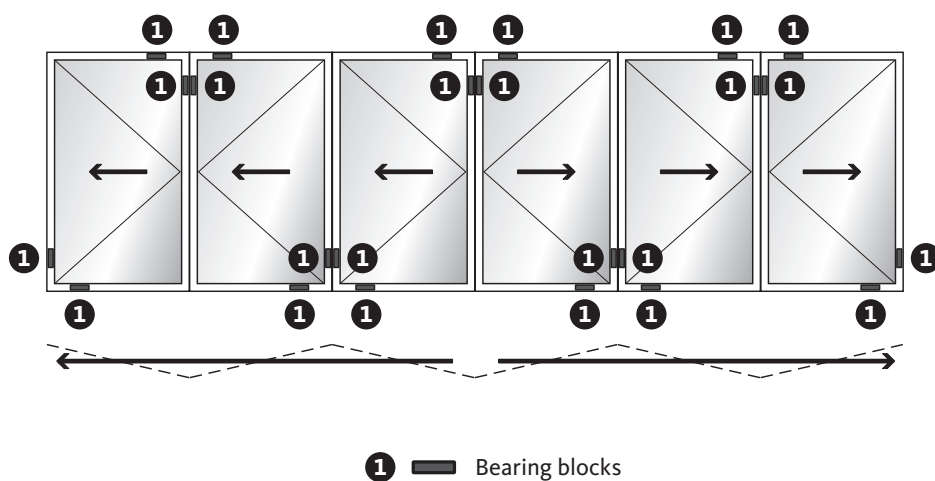
#### ATTENTION

Please be sure to observe our "Guideline for correct and secure glazing" (brochure number WP00019-00-0-2)!

The guideline can be downloaded from our website [www.g-u.com](http://www.g-u.com).

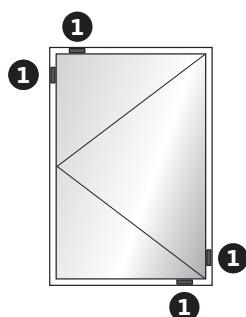
Our product range comprises a wide selection of glazing accessories such as, e.g., glazing packers and glazing tools.

#### Blocking suggestions for the sashes of Fold&Slide systems

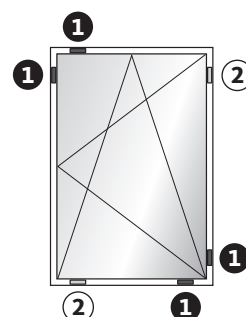


Example of blocking of Fold&Slide sashes

Turn-Only sash



Tilt&Turn sash



1 Bearing blocks

2 Spacer blocks

Example for blocking of Tilt&Turn and Turn-Only balcony-doors

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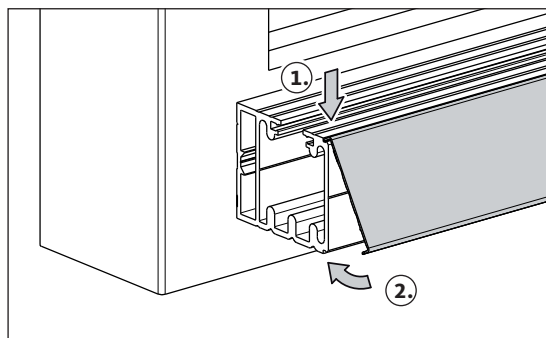


## 3.5 Installation

### 3.5.1 Installing the cover profiles

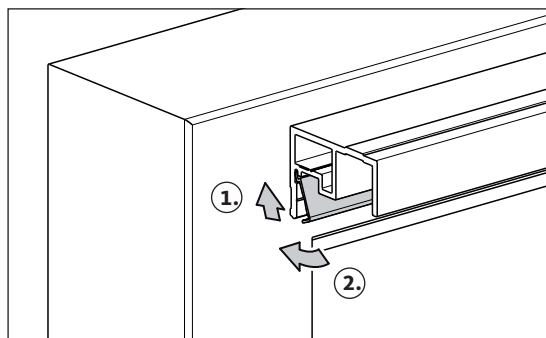
#### Fixing the cover profile to the roller track

- Insert the entire length of the cover profile into the upper groove in the roller track (1).
- Then push the cover profile onto the lower groove in the roller track (2), starting from one side and working along its entire length.



#### Fixing the cover profile to the guide track

- Push the cover profile into the upper groove in the guide track (1).
- Then push the cover profile onto the lower groove of the guide track (2), starting on one side and working along its entire length.

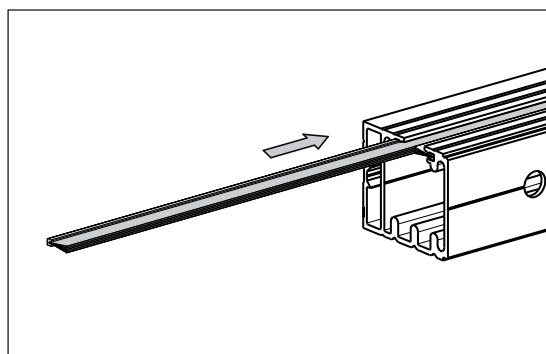


### 3.5.2 Fixing the brush seal

- Schieben Sie die Bürstendichtungen von der Stirnseite in die dafür vorgesehenen Kanäle der Laufschiene ein.

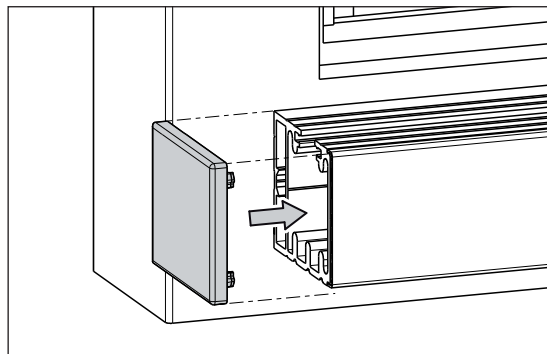
Beim Betätigen der Anlage kann es durch die Bewegung der Laufschiene vorkommen, dass sich die Bürstendichtungen leicht mitbewegen.

Um dies zu verhindern empfehlen wir, die Bürstendichtung links und rechts mit Sekundenkleber zu fixieren.

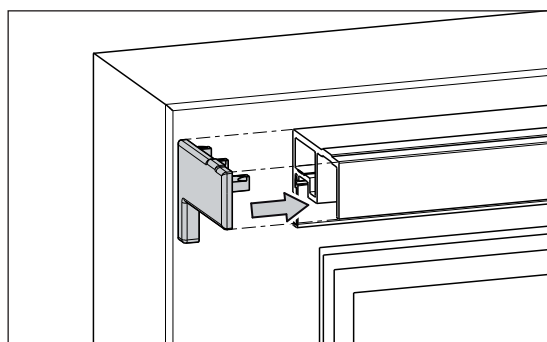


### 3.5.3 Attaching the end caps to roller track and guide track

- Push the covers onto the left and right sides of the roller track.  
Once fitted, the covers should overlap the edges of the cover profile.



- Push the covers onto the left and right sides of the guide track.  
Once fitted, the covers should overlap the edges of the cover profile.



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## 3.5.4 Installing the Fold&Slide sashes

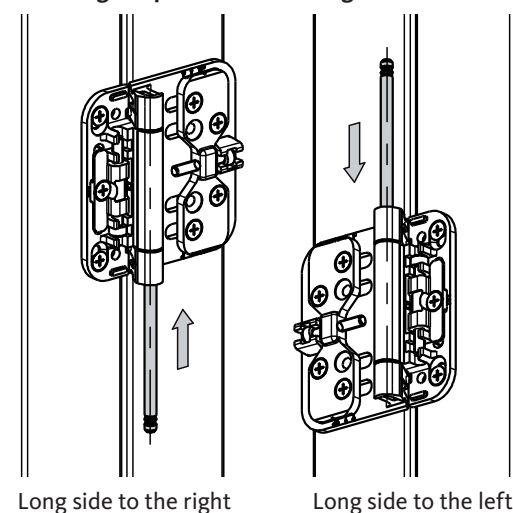
### NOTE

As a prerequisite for installing the Fold&Slide sashes, the Fold&Slide sash with frame hinges on the frame side must already be installed and correctly adjusted (for more information see the corresponding profile-specific installation drawing for Turn-Only or Tilt&Turn hardware).

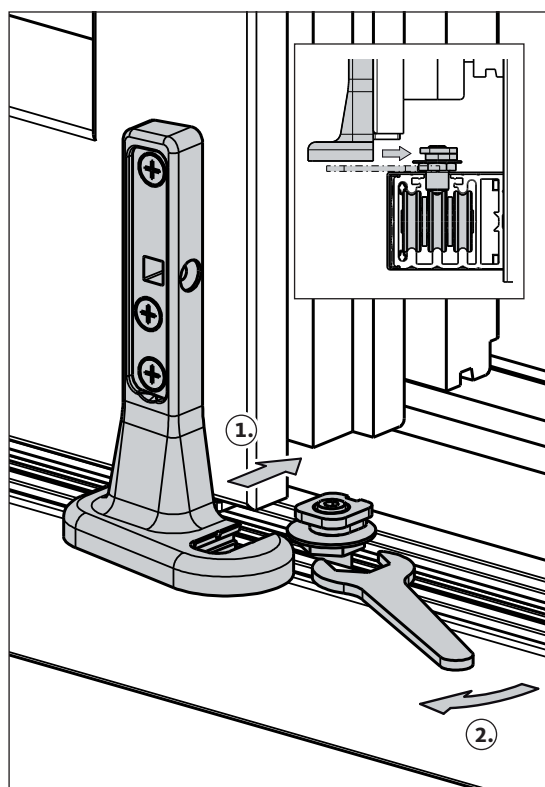
#### How to install a Fold&slide sash

- Attach the Fold&Slide sash to be mounted to the sash that is already installed and push the hinges into one another.
- Insert the pins into the three sash hinges from above or from below, depending on the installation position of the sash hinges (see illustration on right). The pins must noticeably engage.

#### Installing the pin in the sash hinge



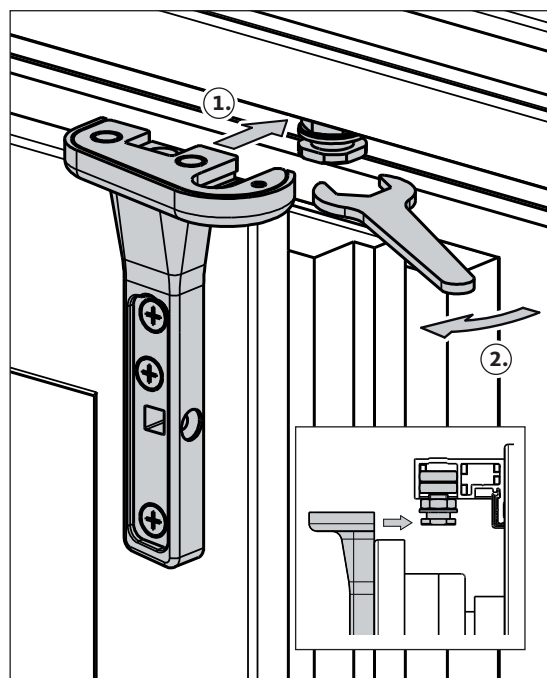
- Push the lower pivot-rest of the Fold&Slide sash to be installed onto the bogie (1).
- Tighten the locknut of the bogie with the open-end spanner (size 17) to prevent the Fold&Slide sash from slipping out (2).



- Push the upper pivot-rest of the Fold&Slide sash to be installed onto the guide roll (1).
- Tighten the locknut on the guide roll with the open-end spanner (size 17) to prevent the Fold&Slide sash from slipping out (2).

### NOTE

Depending on the size of the sashes, the upper pivot-rest can be inserted more easily with the sashes open.



### NOTE

After each individual Fold&Slide sash is installed, the gap between the threshold and frame rebate must be adjusted so it corresponds to the dimension for the specific profile specified in the installation drawing.

The procedure for adjusting the gap is explained in chapter "Adjusting the bogie and guide roll" on page 16.

### NOTE

After installing each individual Fold&Slide sash, check the frame hinges of the first Fold&Slide sash and readjust if necessary.

The procedure for checking and adjusting the frame hinges is explained in the relevant profile-specific installation drawing for Turn-Only or Tilt&Turn hardware.

Check and adjust the frame hinges of the first Fold&Slide sash as specified in the profile-specific installation drawing for Turn-Only or Tilt&Turn hardware.

#### Installing additional Fold&Slide sashes

Install the other sashes of the Fold&Slide system as described on page 14 onwards.

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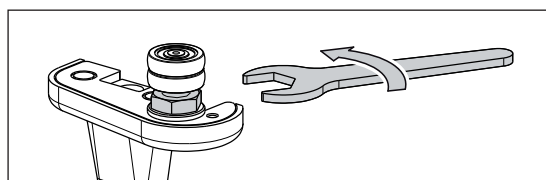
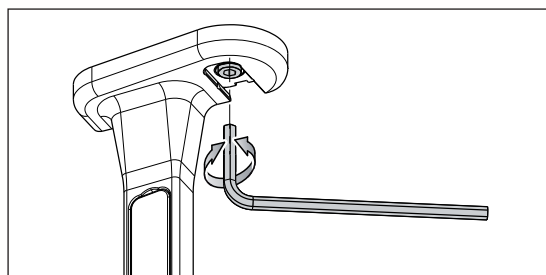
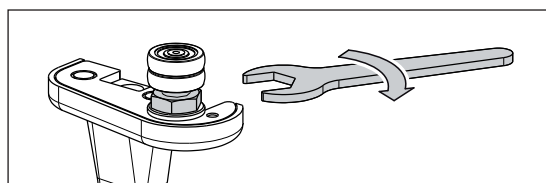
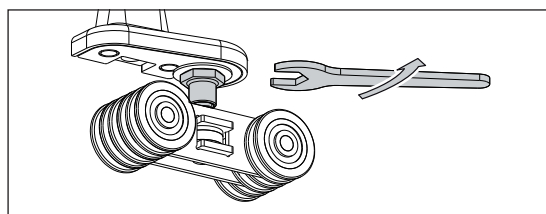
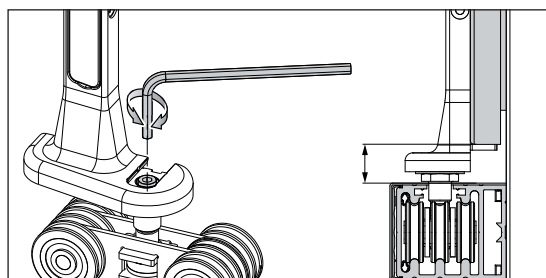
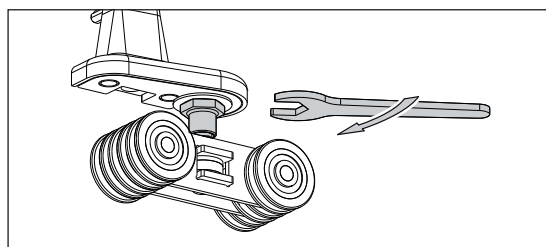


## 3.6 Adjusting the Fold&Slide hardware

### 3.6.1 Adjusting the bogie and guide roll

The gap between the threshold and frame rebate and the gasket pressure of a Fold&Slide sash can be adjusted at the bogie and guide roll. Please proceed as follows:

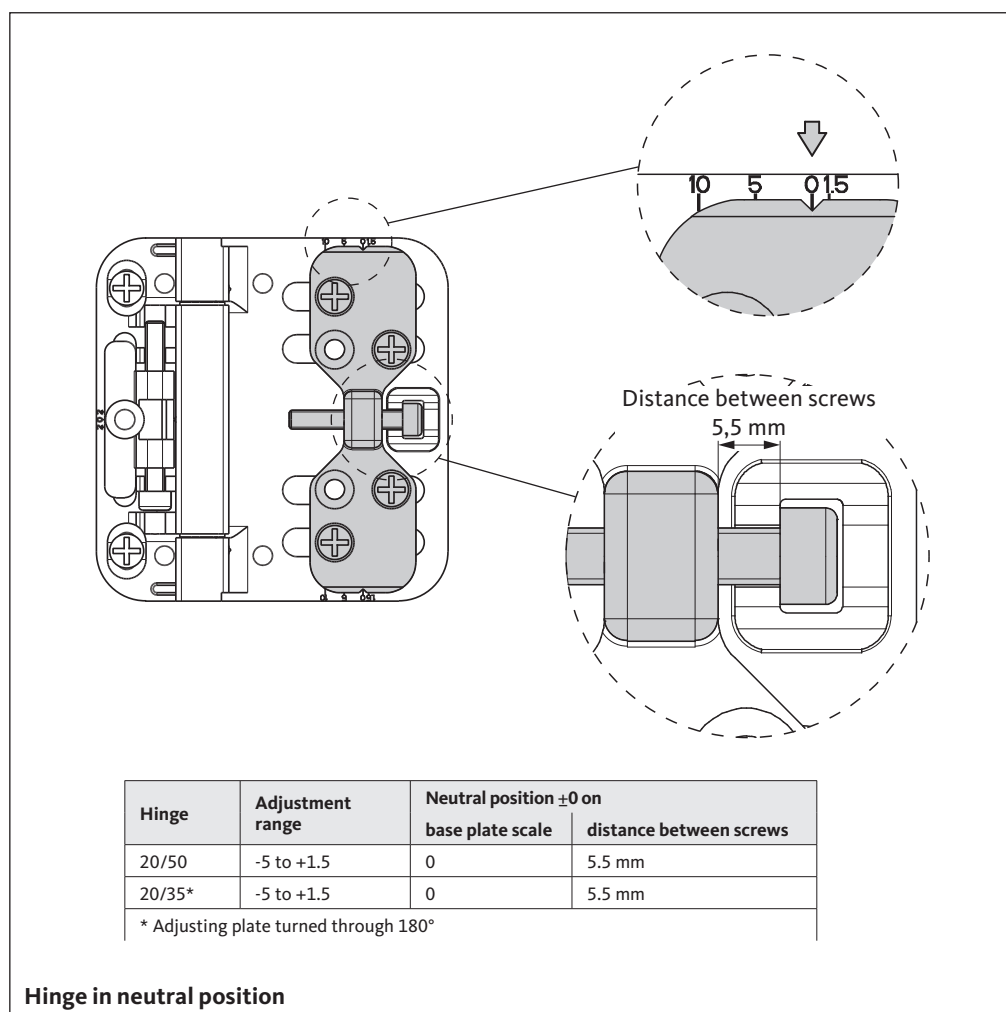
- Move the Fold&Slide sash that is already installed carefully into the closed position.
- Undo the locknut of the bogie on the Fold&Slide sash to be adjusted using the open-end spanner (size 17) (Art. No. 9-48667-00-0-0).
- Adjust the gap between the threshold and frame rebate by turning the set screw with a hexagon spanner (size 4) so it corresponds to the dimension specified in the installation drawing for the specific profile (the set screw can be adjusted from -1 mm to +3.5 mm).
- Adjust the gasket pressure by sliding the pivot-rest.
- Then tighten the locknut again with the open-end spanner (size 17) (tightening torque: 15 Nm).
- Undo the locknut on the guide roll of the Slide&Fold sash to be adjusted using the open-end spanner (size 17).
- Adjust the height of the guide roll by turning the set screw with a hexagon spanner (size 4) so the guide roll cannot scrape against the guide track (adjustment range -1 mm to +3.5 mm).
- Adjust the gasket pressure by sliding the pivot-rest.
- Then tighten the locknut again with the open-end spanner (size 17) (tightening torque: 15 Nm).





### 3.6.2 Adjusting the sash hinges

The vertical position of the Fold&Slide sashes relative to one another and the size of the shadow gap between the sashes can be adjusted at the hinges.



You can adjust the vertical position of the Fold&Slide sashes relative to one another and also the shadow gap between the sashes when installed by turning the set screws at the hinge (see figure "Adjustment of the hinge" on page 18):

#### ATTENTION

Always make the adjustments at the set screws **1** and **2** one by one!

If you undo all screws at once, this could damage the sash hinge!

#### Aligning the Fold&Slide sash vertically by turning the set screw **1**

To align the Fold&Slide sashes vertically, proceed as follows:

- Slightly loosen the two screws **1a** so that the hinge and sash 1 can move relative to one another.
- Adjust the vertical position of the sliding panel by turning the set screw **1**.
- Tighten the two screws **1a** again.

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## Adjusting the shadow gap via the set screw 2

To adjust the shadow gap between the Fold&Slide sashes, proceed as follows:

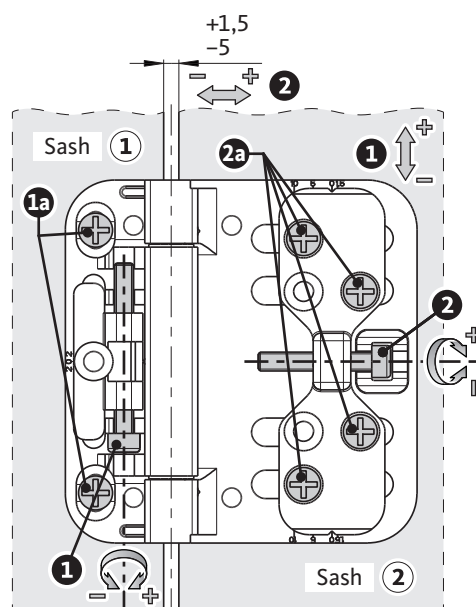
- Slightly loosen the four screws 2a so that the hinge and sash 2 can move relative to one another.
- Adjust the shadow gap by turning the set screw 2.
- Tighten the two screws 2a again.

### Adjustment of the hinge

Long side of the hinge on the right

Set screw 1		
Rotational direction of set screw	Direction of movement of sash 2	Max. adjustment range
RH (clockwise)	upwards	+2
Left (counter-clockwise)	downward	-2

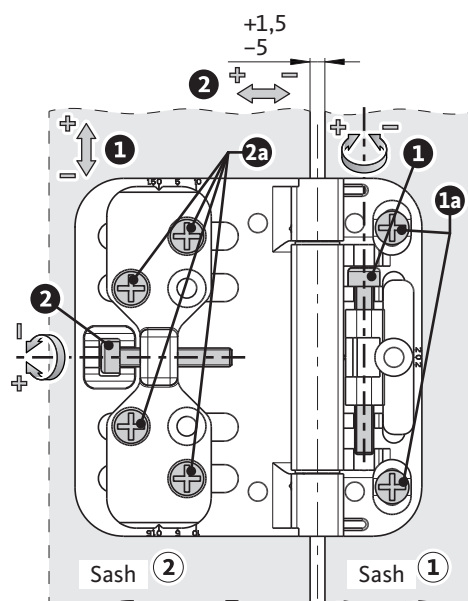
Set screw 2		
Rotational direction of set screw	Direction of movement of sash 2	Max. adjustment range
right (clockwise)	to the right (shadow gap increases)	+1,5
Left (counter-clockwise)	to the left (shadow gap decreases)	-5



Long side of hinge on left

Set screw 1		
Rotational direction of set screw	Direction of movement of sash 2	Max. adjustment range
RH (clockwise)	downward	-2
Left (counter-clockwise)	upwards	+2

Set screw 2		
Rotational direction of set screw	Direction of movement of sash 2	Max. adjustment range
right (clockwise)	to the left (shadow gap increases)	+1,5
Left (counter-clockwise)	to the right (shadow gap decreases)	-5



## Checking the setting of the hinges

### NOTE

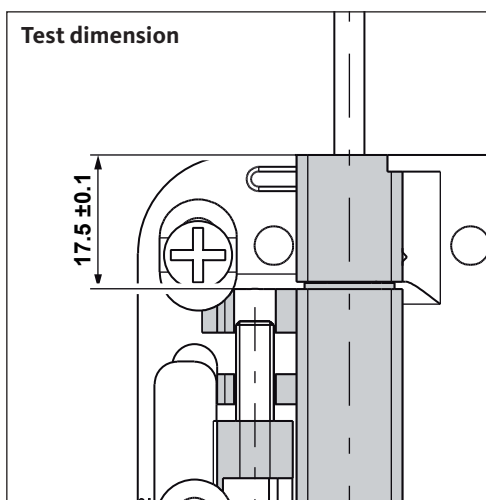
Each time you adjust the hinges, check afterwards that they are uniformly aligned!

Please proceed as follows:

- Make sure that the test dimension shown in the figure below is identical at all three hinges of the sash.

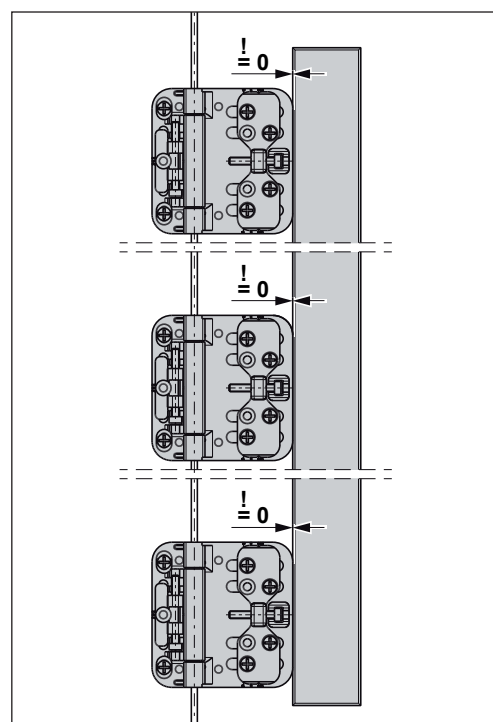
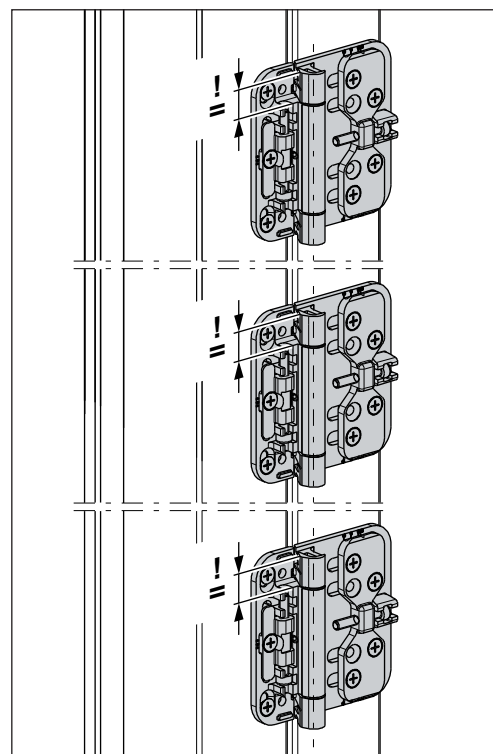
If this is not the case, adjust the height of the Fold&Slide sashes relative to one another again at the set screw **1** until all three test dimensions are exactly the same.

Test dimension



- Make sure, using a straight edge or a long spirit level, that the lateral edges of the long sides of all three hinges on the sash are flush.

If one of the hinges does not line up with the other two, turn the adjusting screw **2** until it does.



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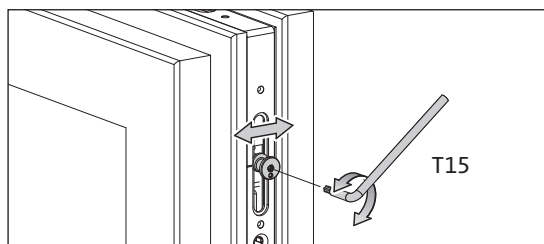
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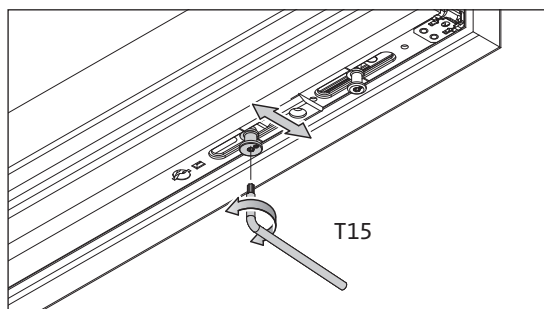
## 3.6.3 Adjusting the gasket pressure

You can increase or reduce the gasket pressure using a Torx wrench T15, as shown below.

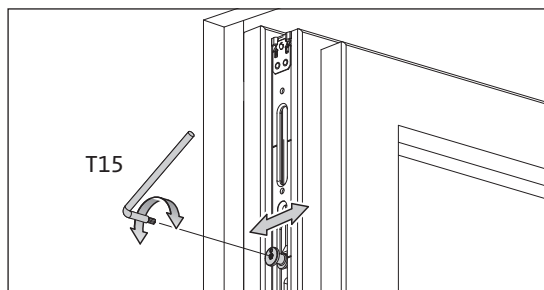
- Adjusting the gasket pressure at the upper locking point on the locking side (at the sash).



- Adjusting the gasket pressure at other locking points on the underside of the sash.



- Adjusting the gasket pressure at the side of the sash at the top.



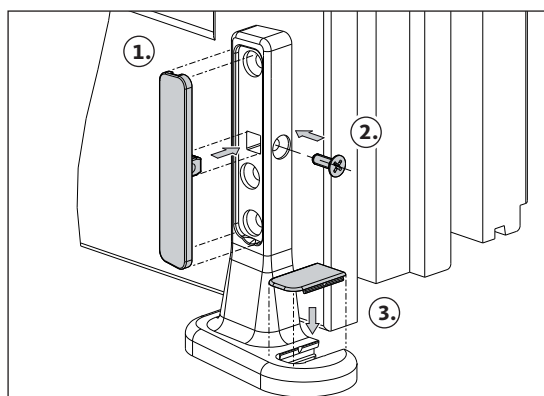
## 3.7 Installing the cover

### NOTE

It is advisable to adjust the Fold&Slide system before mounting the cover. Also see chapter "3.6 Adjusting the Fold&Slide hardware" on page 16.

### Installing the cover of the pivot-rest

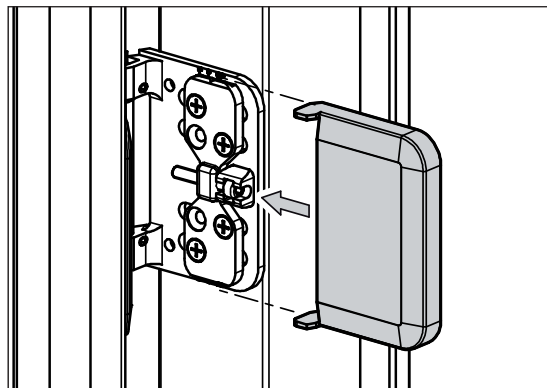
- Plug the long cover onto the pivot-rest (1.).
- Fasten the long cover by screwing in the screw provided (2.) from the side.
- Push the small cover at the bottom into the pivot-rest until it snaps into place (3.).



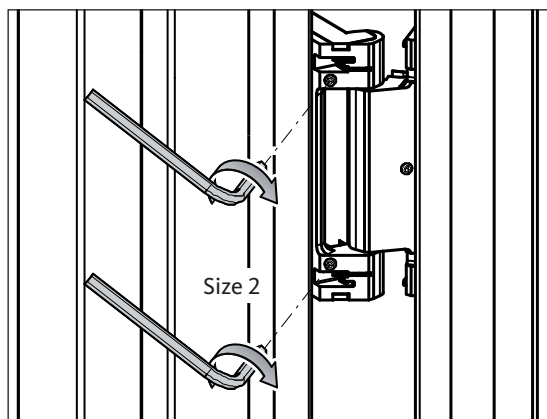
Installing the pivot-rest cover

### Installing the hinge cover

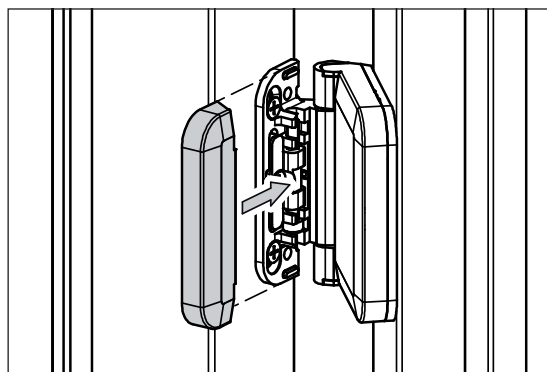
- Open the Fold&Slide system so the sashes are at roughly 90° to one another.  
This allows the set screws of the hinges to be accessed from the side opposite to the hinges.
- Push the large cover from the hinge side completely onto the hinge.



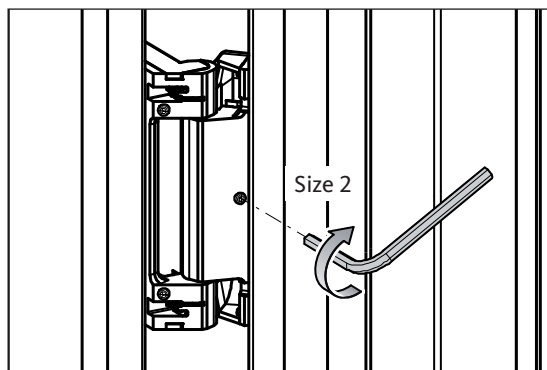
- To fasten the cover to the hinge, screw in the two set screws (see illustration) completely by turning them clockwise with a hexagon spanner.



- Push the small cover completely onto the hinge from the hinge side.



- To fasten the cover to the hinge, screw in the set screw (see illustration) completely by turning it clockwise with a hexagon spanner.



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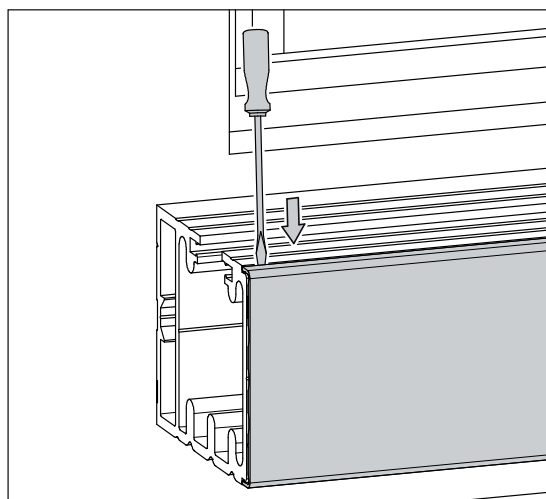
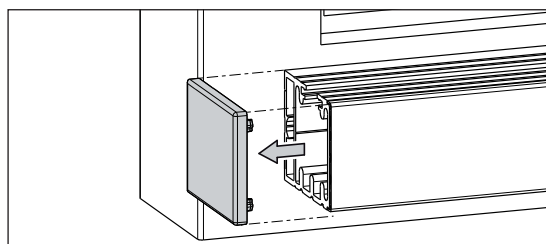
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## 3.8 Removing the cover profiles

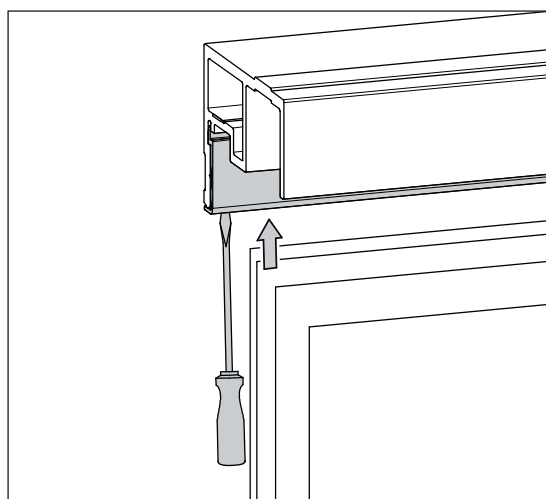
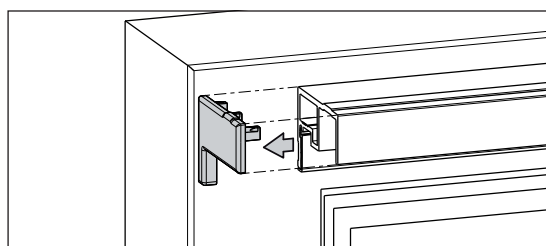
### Removing the roller track cover profile

- Remove the side covers of the roller track
- Slide a thin flat-bladed screwdriver into the gap at the top between the roller track and cover profile at one end of the roller track and lever the cover profile off the roller track bit by bit. Proceed extremely carefully to avoid damaging the cover profile.



### Removing the cover profile from the guide track

- Remove the side covers from the guide track
- Slide a thin flat-bladed screwdriver into the gap at the top between the guide track and cover profile at one end of the guide track then lever the cover profile off the guide track bit by bit. Proceed extremely carefully to avoid damaging the cover profile.



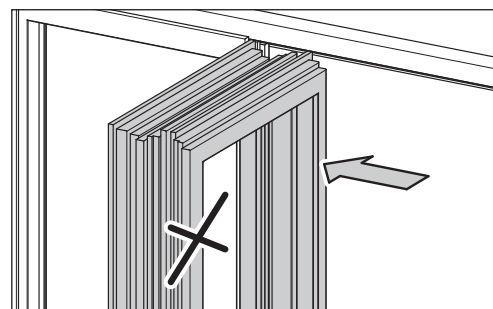
## 4. Operating guide

### ATTENTION

Damage to the hardware components and window/balcony-door!

You should never use the turn handle to pull or push one or several sash groups!

Only grip the folding sash group on the roller track side when pushing or pulling it!

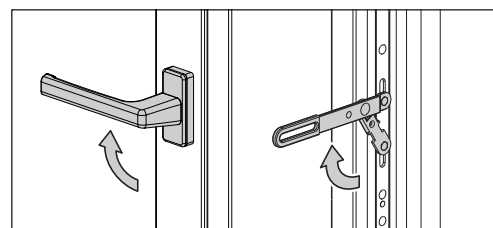


### 4.1 Opening the Fold&Slide system

### ATTENTION

Damage to the hardware components and window/balcony-door!

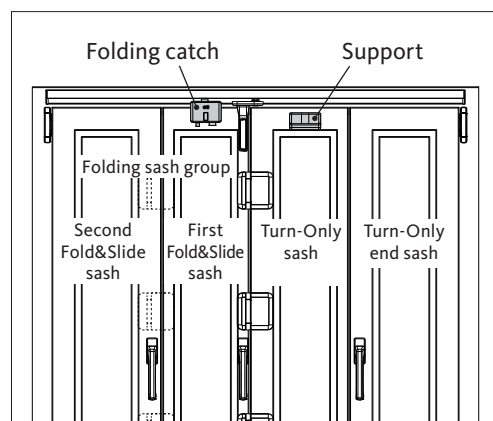
Before opening the Fold&Slide system, always make sure that the turn handles or rebate levers of the sash/folding sash group are in the open position!



#### Fold&Slide system with folding catch

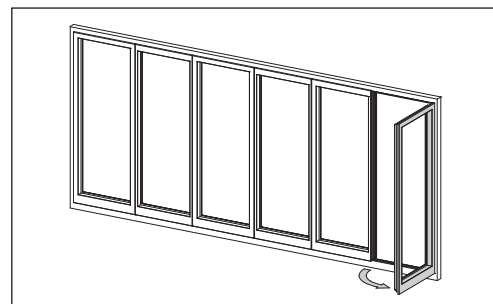
Systems with an uneven number of Fold&Slide sashes (e.g. patterns 330, 431, 532...) are equipped with a folding catch. This holds the Turn-Only sash securely to the first Fold&Slide sash which prevents the Turn-Only sash from swinging uncontrollably and thus being damaged when opening the Fold&Slide system.

The folding catch consists of a fastener attached to the Turn-Only sash and the folding catch itself which is attached to the first Fold&Slide sash.



#### Opening the Fold&Slide system

- Open the Turn-Only sash, if applicable.



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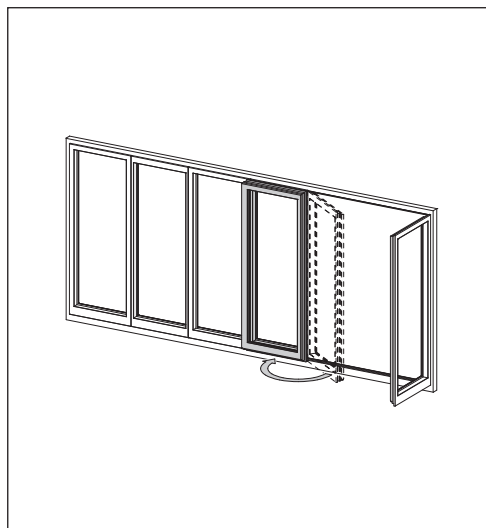


- **Only for systems with folding catches:**
  - Put the turn handles, respectively rebate lever of the Turn-Only sash and first Fold&Slide sash in the open position.
  - Turn the Turn-Only sash through 180° until it is against the first Fold&Slide sash and the fastener has engaged in the folding catch.

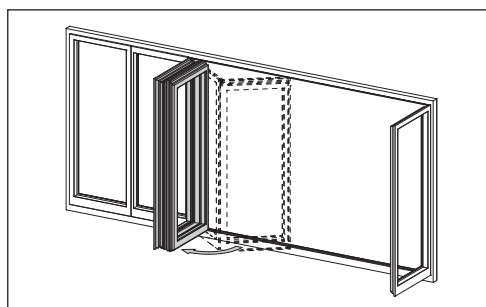
## NOTE

**Make sure before opening the first folding sash package that the Turn-Only sash has opened through 180° and the fastener has engaged in the folding catch!**

**If the fastener on the Turn-Only sash has not engaged in the folding catch, it will not be possible to open the first folding sash package (first and second Fold&Slide sash)!**

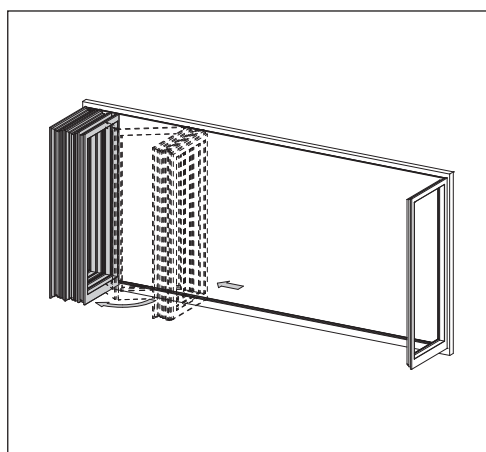


- Put the turn handles or rebate levers of the first and second Fold&Slide sash in the open position.
- Grip the turn handle of the second Fold&Slide sash and pull the folding sash group (first and second Fold&Slide sash) into the open position.



### Systems with more than two Fold&Slide sashes

- Now put the turn handles of the next two Fold&Slide sashes in the open position.
- Pull the turn handle in the middle of the folding sash group to move the Fold&Slide sash slightly away from the axis of the roller track (approx. 10 cm).
- Now push the folding sash package that is already open until the Fold&Slide sashes are in the open position. In doing so, only hold on to the sashes on the roller track side!
- Repeat this procedure for all folding sash groups consecutively.





## 4.2 Closing the Fold&Slide system

### ATTENTION

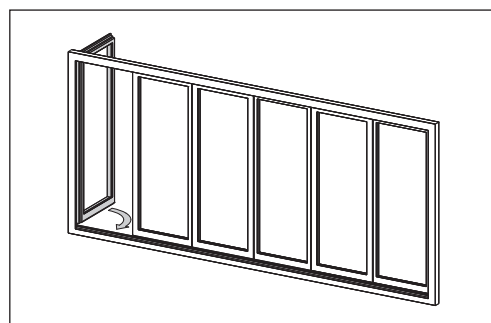
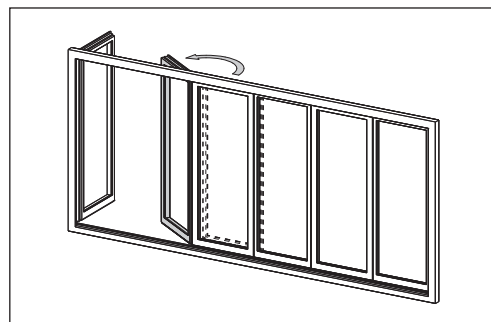
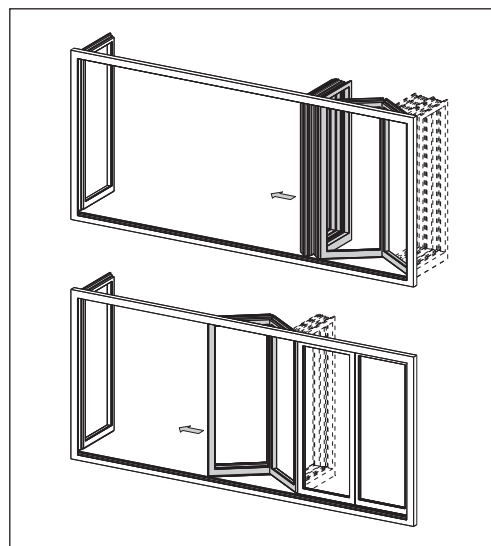
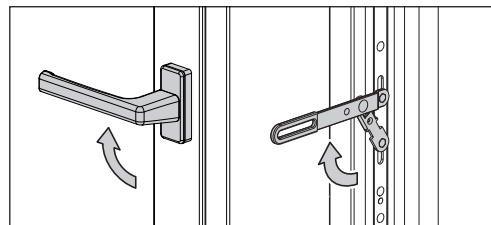
**Damage to the hardware components and window/balcony-door!**

**Before closing the Fold&Slide system, always make sure all turn handles and the rebate lever are in the open position!**

- Put the rearmost folding sash group in the closed position by pulling all other folded folding sash groups in the CLOSE direction. In doing so, only hold onto the sashes on the roller side!
- Turn the turn handles or rebate levers of the folding sash group that has just been closed to the closed position to lock it.
- Repeat this procedure every other folding sash group.

- **Only systems with folding catch:**  
When the last folding sash group is closed, the folding catch releases the Turn-Only sash.
  - Put the Turn-Only sash in the closed position
  - Turn the handle or rebate lever to the closed position.

- Close the Turn-Only sash, if applicable.



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## 5. Maintenance and cleaning

### 5.1 Maintenance

The bogie and guide roll axles and hinges are maintenance-free.

The Fold&Slide system must be inspected for proper condition and functioning at least once a year.

- Check the hardware is securely fastened and check for signs of wear.
- Retighten the fixing screws if necessary (see chapter "3. Installation" on page 7).
- Have worn components replaced by a specialist company. Only spare parts supplied by the manufacturer may be installed.
- All locking systems and locking points must be greased with non-resinifying acid-free lubricant (e.g. LUMO special grease 8559/1 from Zeller+Gmelin) at least once a year or more frequently depending on the stress.

### 5.2 Cleaning

Only use a soft cloth and mild, pH-neutral detergent in diluted form for cleaning. Never use aggressive cleaning products containing acid, scouring agents or detergents with corrosive ingredients.

### 5.3 Guarantee

In principle, all deliveries are made on the basis of our "General Terms and Conditions".

The guarantee complies with the legal regulations and is valid in the country where the product was purchased.

The guarantee covers material and manufacturing defects occurring under normal stress.

Guarantee and liability claims for personal injury and damage to property are excluded if they have occurred as a result of one or more of the following causes:

- Inappropriate use of the Fold&Slide hardware.
- Improper installation, commissioning, operation, maintenance, and repair of the Fold&Slide system.
- Non-observance of the information in the assembly, operating and maintenance instructions.
- Unauthorised structural modifications to the Fold&Slide system.
- Catastrophic events as a result of foreign-object damage and force majeure.
- Wear.

For any guarantee claims or the delivery of spare parts or accessories, please contact your nearest subsidiary.

## 6. Disassembly and disposal

### 6.1 Disassembly



#### **WARNING**

Heed the warnings in section "3. Installation" on page 7!

To disassemble the system follow the mounting instructions in reverse order.

The adjustments can be omitted.

### 6.2 Disposal



Dispose of the Fold&Slide system according to statutory rules and regulations.

It must not be disposed of in the regular waste!

Packaging must be disposed of separately.



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