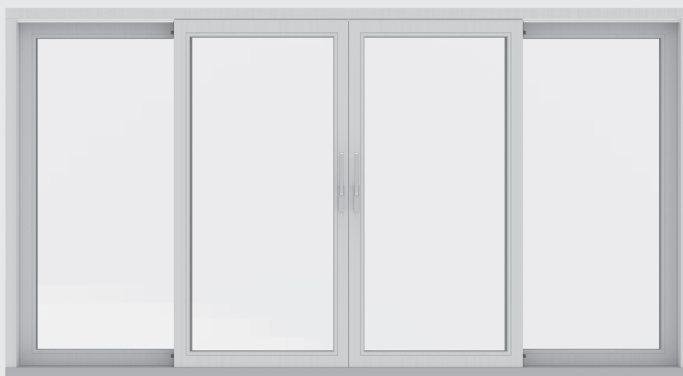




0-48840-FJ-0-EN
01 | 10.2019 | G34777 | Designed in Germany



WINDOW TECHNOLOGY



GU-934 | GU-937

EN

Lift&Slide hardware for timber elements - pattern C

Installation instructions

Securing technology for you



GU-934 | GU-937

Lift&Slide hardware for timber elements - pattern C



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1. Safety instructions 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 denotes a situation which could lead to material damage.



NOTE denotes a statement which is provided for information only.

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1.2 Safety instructions



! DANGER

Risk of falling out of the sliding sash when open!

Do not leave the sliding sash unattended when it is open!
Keep children away from the sliding sash when open!



! DANGER

Risk of shearing injury when actuating the handle!

Never insert your fingers into the recesses of the locking systems!



! WARNING

Risk of crushing and entrapment.

When closing the sliding sash, ensure that no one is reaching between the sash and frame!
Keep children away from the sliding sash!



! WARNING

Risk of injury and of damage to the Lift&Slide element if the sliding sash is opened and closed in an uncontrolled manner!

Guide the sliding sash by hand over its entire movement until it is in the final closed or opening position!



! WARNING

Risk of injury and of damage to the Lift&Slide element if the sliding sash is subject to excessive load!

Do not put any additional weight load on the sliding sash!

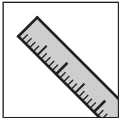
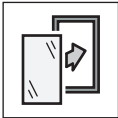



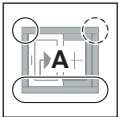

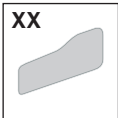


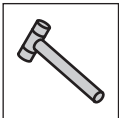

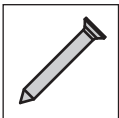



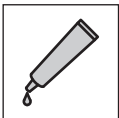



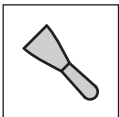


! WARNING

Risk of injury and of damage to the Lift&Slide element caused by objects!

Do not wedge or prop the sash open by placing an object between the sliding sash and frame!

1.3 Explanation of symbols

	Measure		Glaze the highlighted element (view from the inside)
	Mark		Grease with a non-resinous acid-free oil
	Cut		Pattern of Lift&Slide system and position of current installation step
	Drill		Installation with component XX (item number XX, figure)
	Push in by hand		Installation without component XX (item number XX, figure)
	Tap in with a soft headed hammer (rebound-free)		Check
	Screw		Correct / OK / installation step for this component
	Seal		Incorrect / not OK / installation step not for this component
	Glue		Hardwood
	Blow out with compressed air		Softwood
	Remove excess sealing compound with a scraper		

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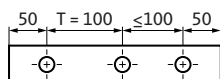
1.4 Abbreviations

SWx Item number according to hardware overview and neutral installation drawing
(e.g.: **SW3**, **FU1**, **MH4**, ...)

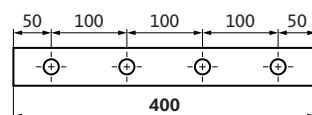
- FB sash width
- FD sash thickness
- ZB frame profile width
- ZT frame profile depth
- T spacing of drill holes

Example of spacing T

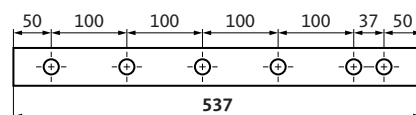
Spacing T = 100 mm



Profile length 400 mm



Profile length 537 mm



2. Prerequisites for installation

- All components are cut to size in accordance with the GU calculation form.
- All holes are drilled as specified in the neutral drawings 0-48511-FJ, 0-48512-FJ and 0-48567-FJ.
- All milling work, screws required etc. are completed in accordance with the neutral drawings 0-48511-FJ, 0-48512-FJ and 0-48567-FJ.
- Use sealing compound for sealing. We recommend our sealing compound H-01893.
- Corner connections, impact points and coupling points must be carried out in a dimensionally stable and permanently tight manner in accordance with the recognised rules of the art (see also DIN 68121-2).
- According to DIN 68121, a suitable timber species and sash profile with sufficient bending strength and wind load resistance must be chosen.
If deformation is expected due to the sash dimensions, plan suitable countermeasures in advance (timber species, profile geometry, stiffening elements).

ATTENTION

The specified fixing screws are a recommendation based on our experience. The responsibility for durable and secure hardware fixing lies with the fabricator.

The tradesman is responsible for drilling the holes correctly.
Predrill holes if necessary!



ATTENTION

Make sure all components and profiles are processed at the same temperature (roughly room temperature).

If there are temperature differences, this affects the length of the profiles which in turn affects the screw connections, gasket plates, sealing compound, etc.

Rule of thumb for the rate of temperature equalisation for PVC and aluminium profiles: 1 °C/h.

ATTENTION

Make sure the tread threshold is installed on a firm level subsurface!

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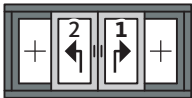
Lift&Slide hardware for timber elements - pattern C



3. Installing a Lift&Slide element pattern C

3.1 Basic information regarding installation steps and figures

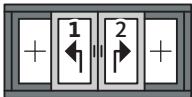
The installation steps shown are for a Lift&Slide element **"Active sash LH handle"** and a **"Passive sash RH handle"**.



- 1 **Active sash LH handle**
- 2 **Passive sash RH handle**

View from the inside

When installing a Lift&Slide element with **"Active sash RH handle"** and **"Passive sash LH handle"**, the installation steps shown must be laterally reversed.



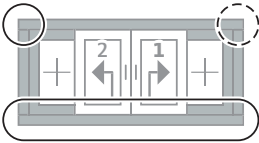
- 1 **Active sash RH handle**
- 2 **Passive sash LH handle**

NOTE

NOTE

The components are shown in the installation steps as symbols. The appearance of the components to be installed may be different to the components shown in the figures.

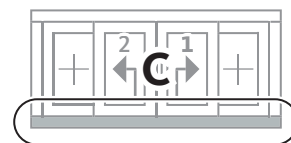
The items in the current installation step at the Lift&Slide system are indicated by circles or ovals.



View from the inside

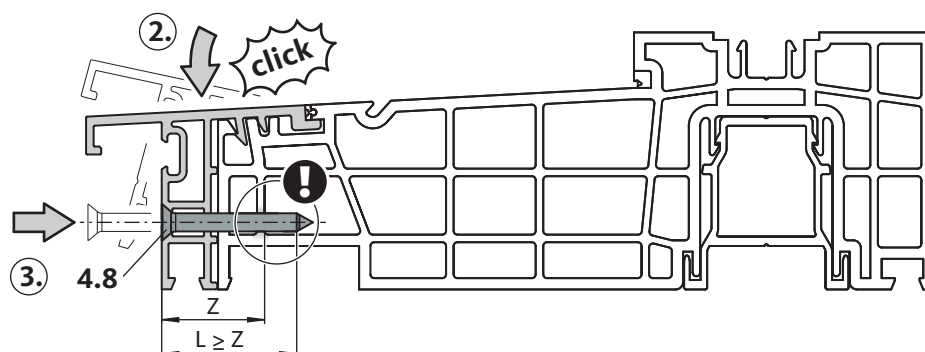
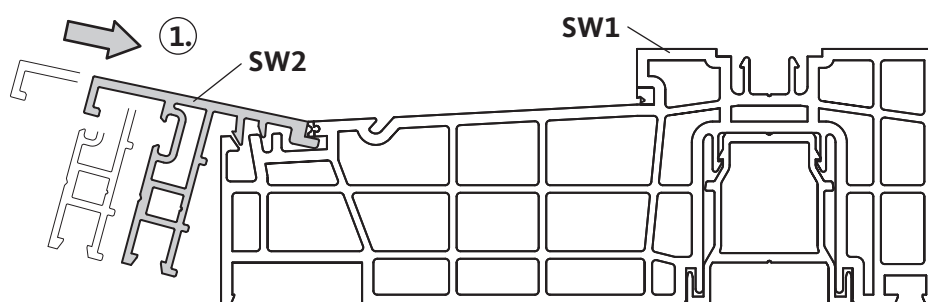
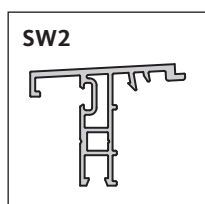
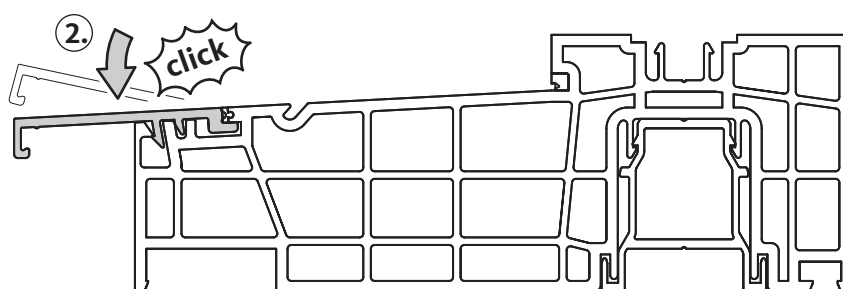
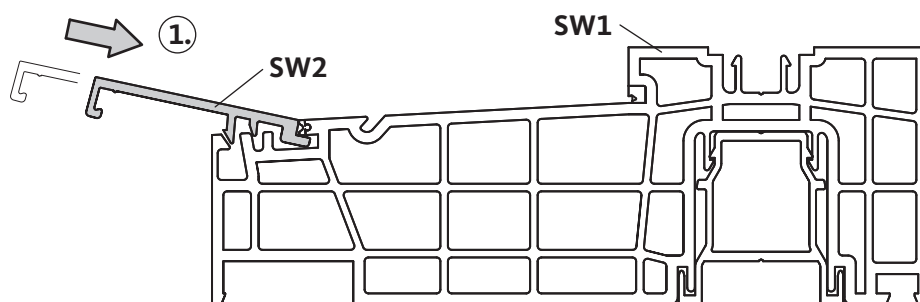
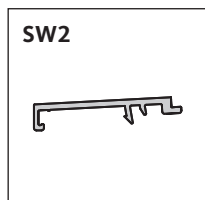
Dotted circles and ovals indicate that the installation step shown must be laterally reversed at this position.

NOTE



3.2 Installing the threshold

1



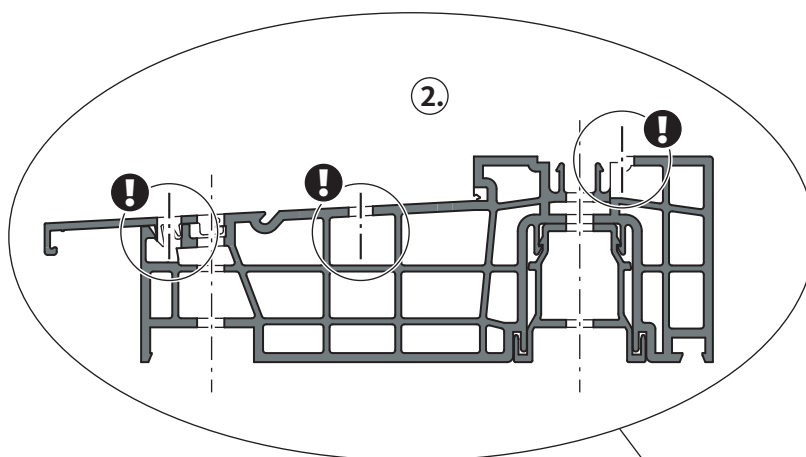
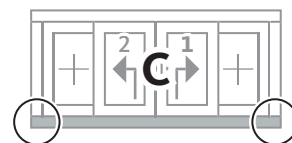
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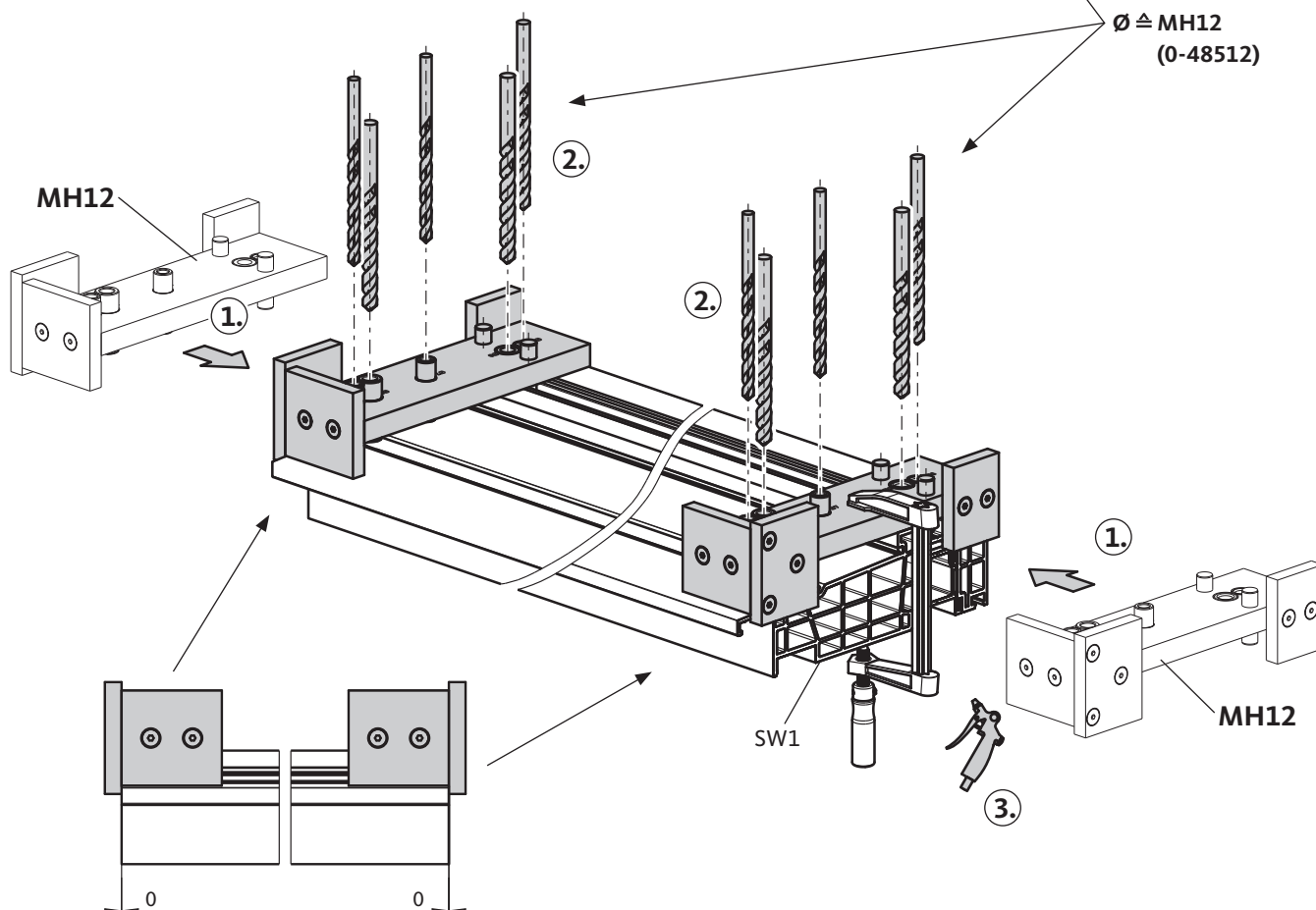
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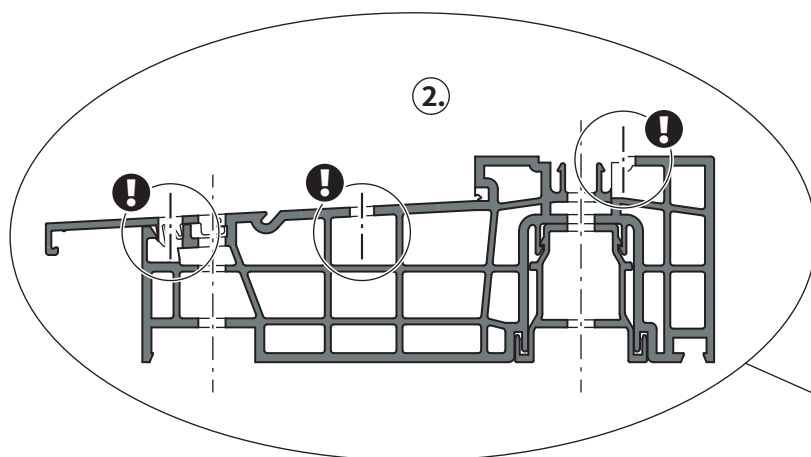
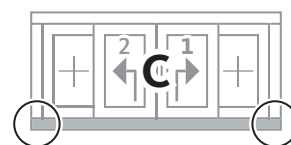
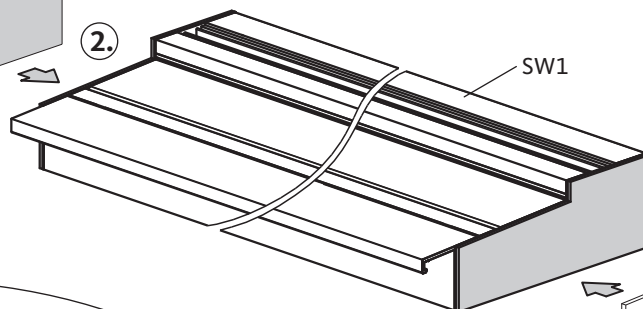
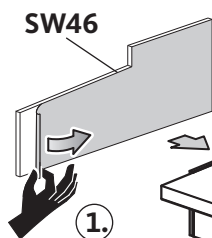
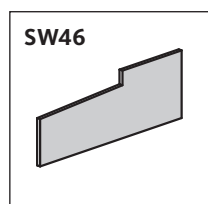
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SW46

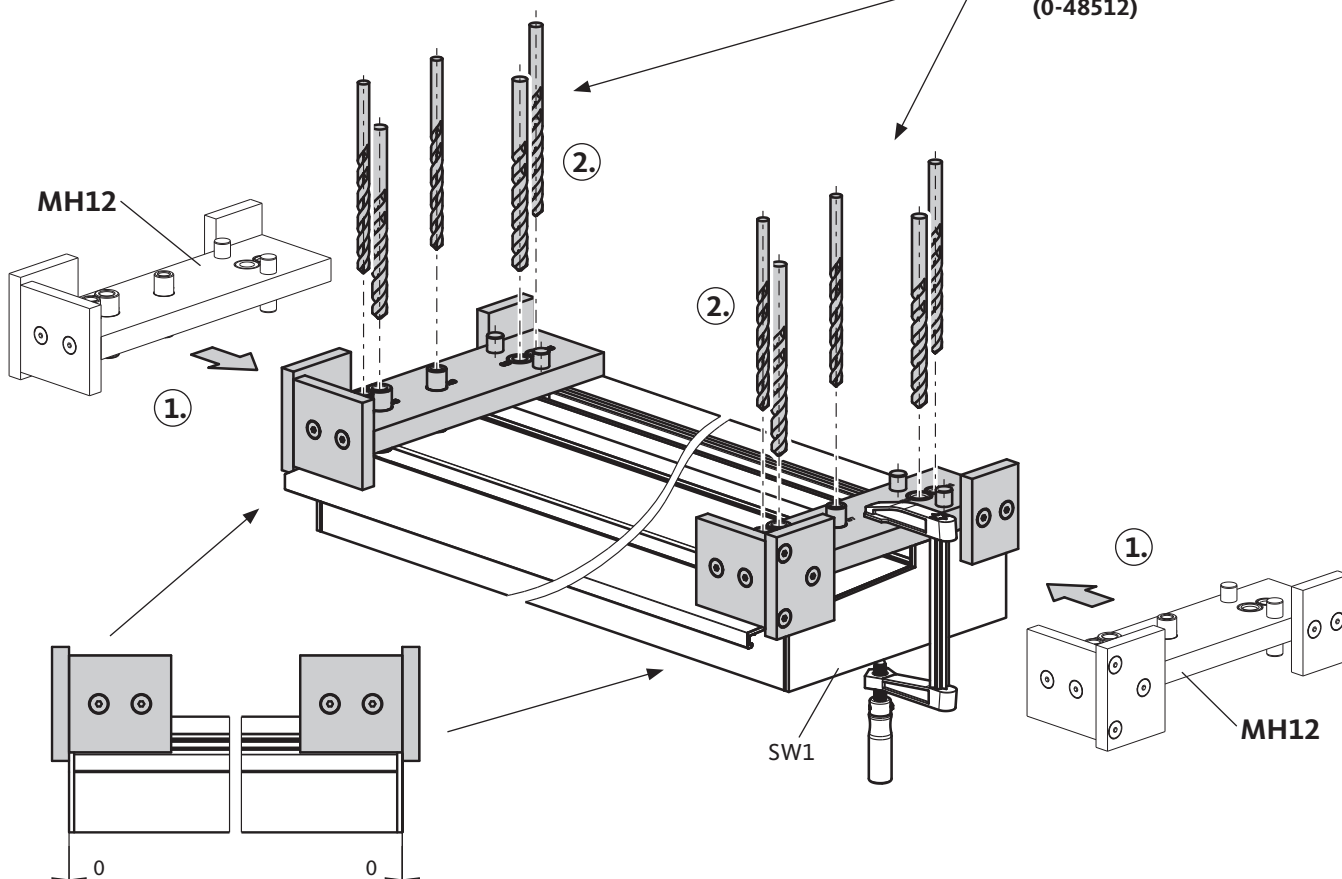


Ø \pm MH12
(0-48512)





$\varnothing \triangleq \text{MH12}$
(0-48512)

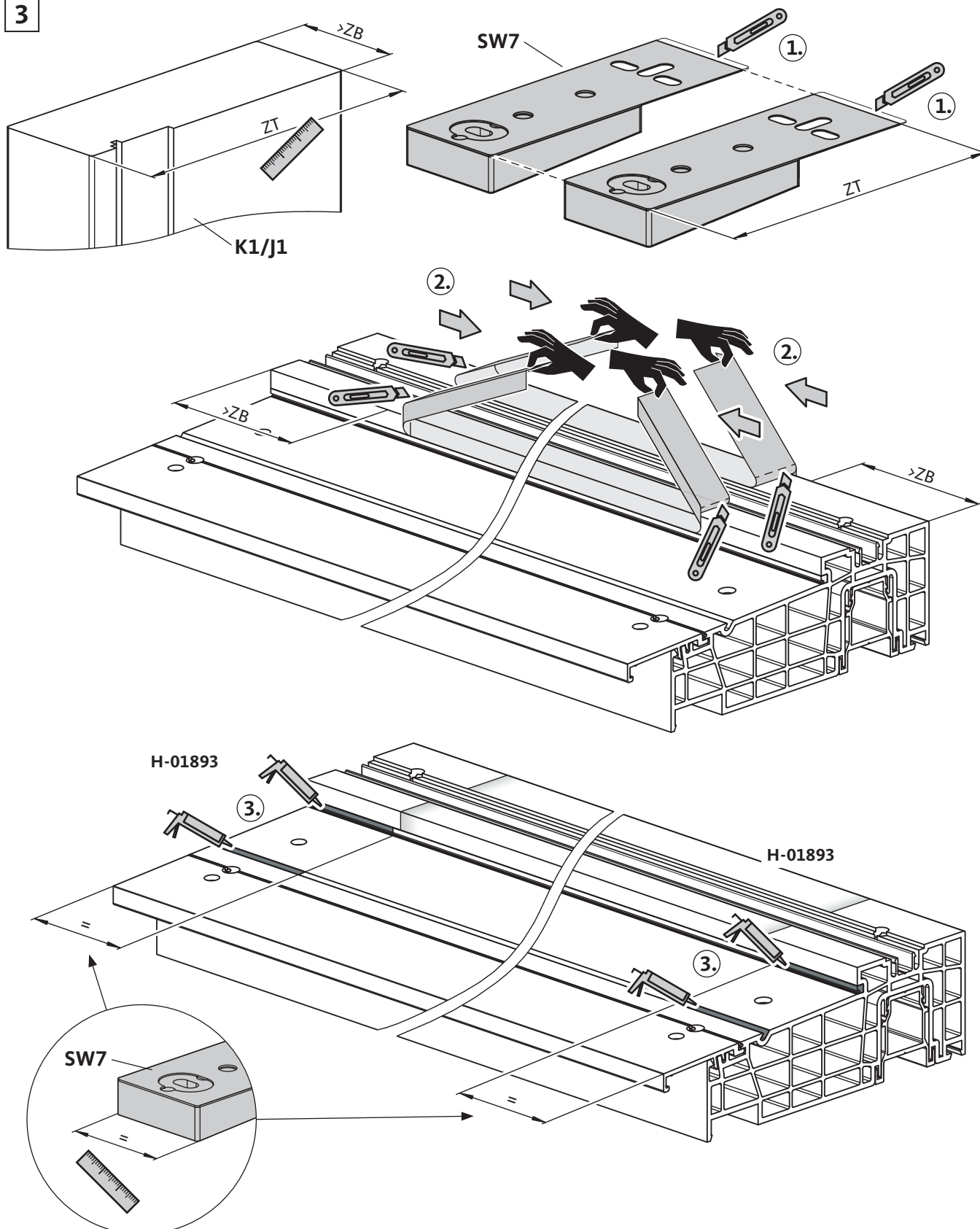
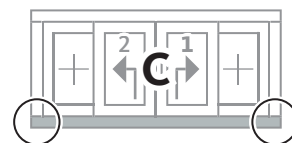


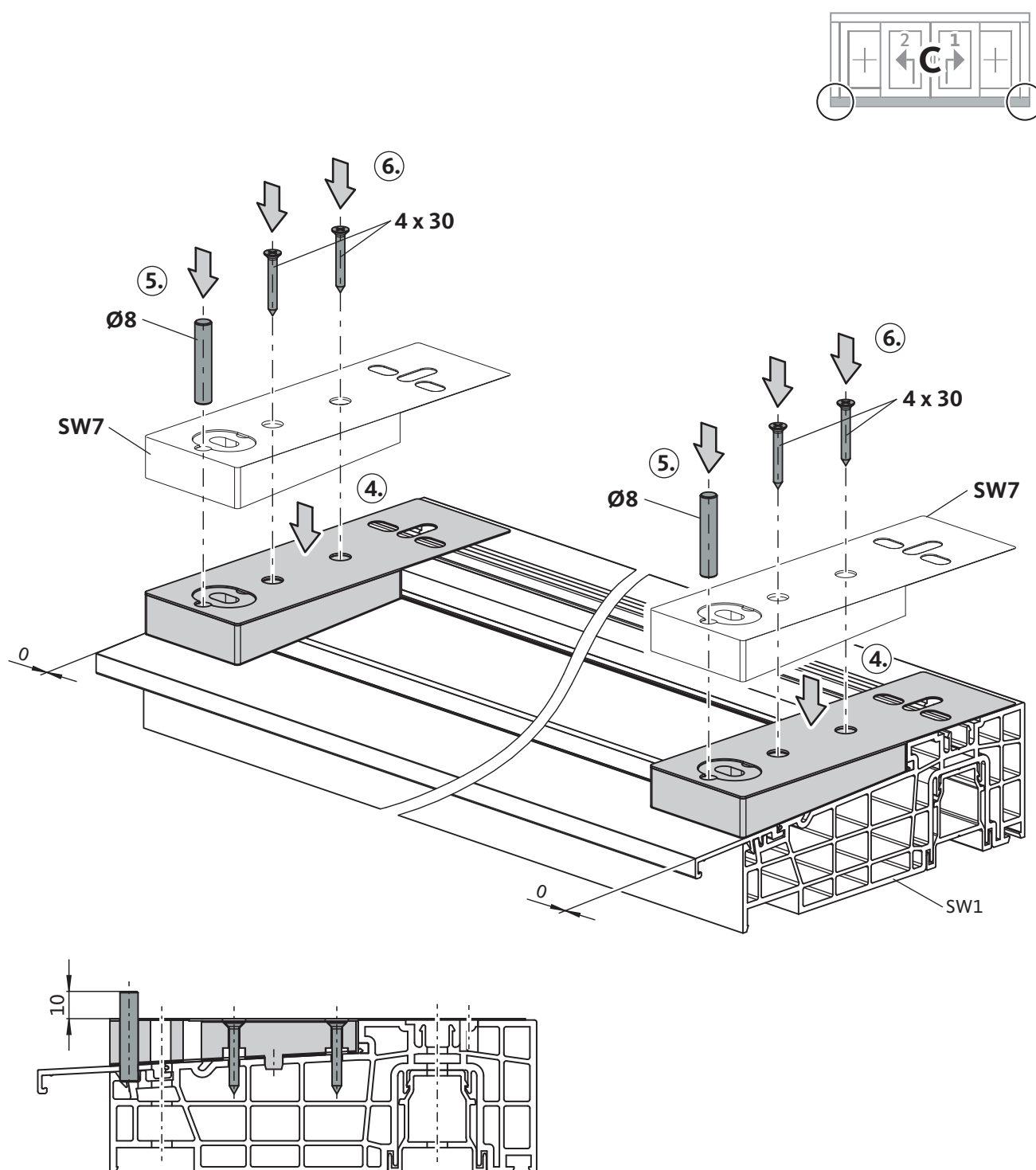
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GU

3

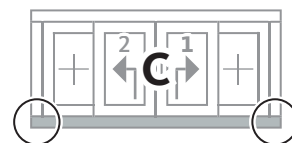




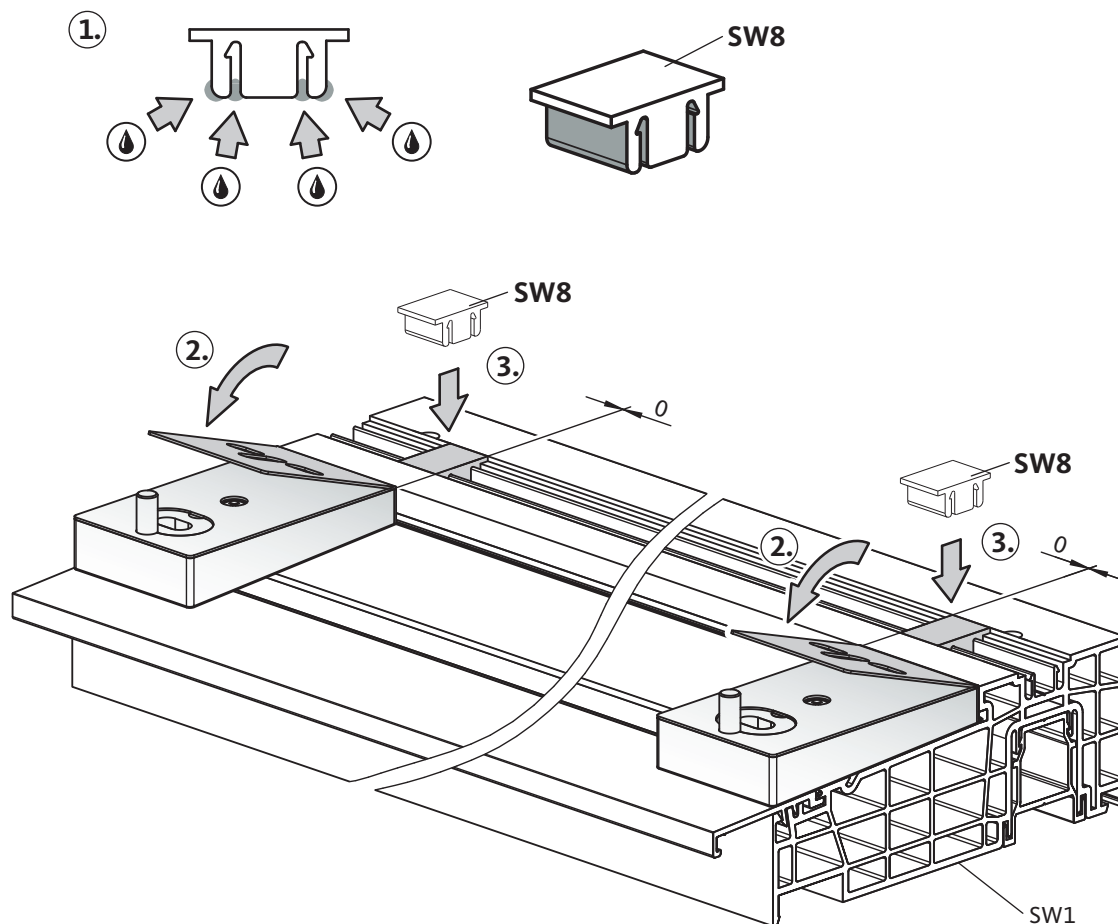
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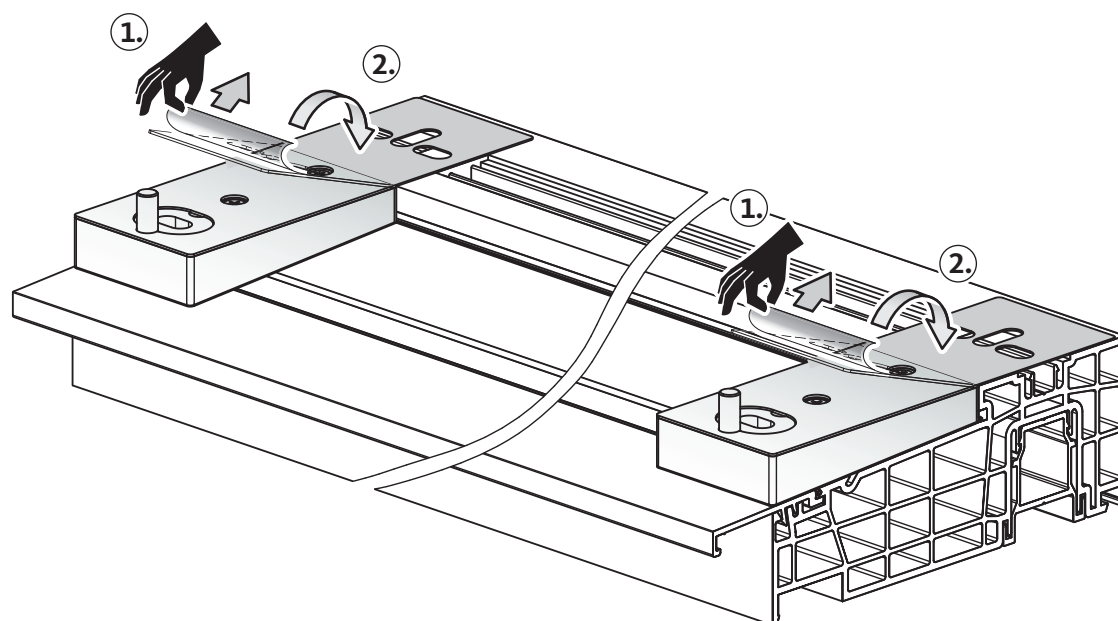
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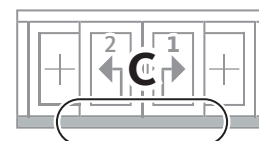


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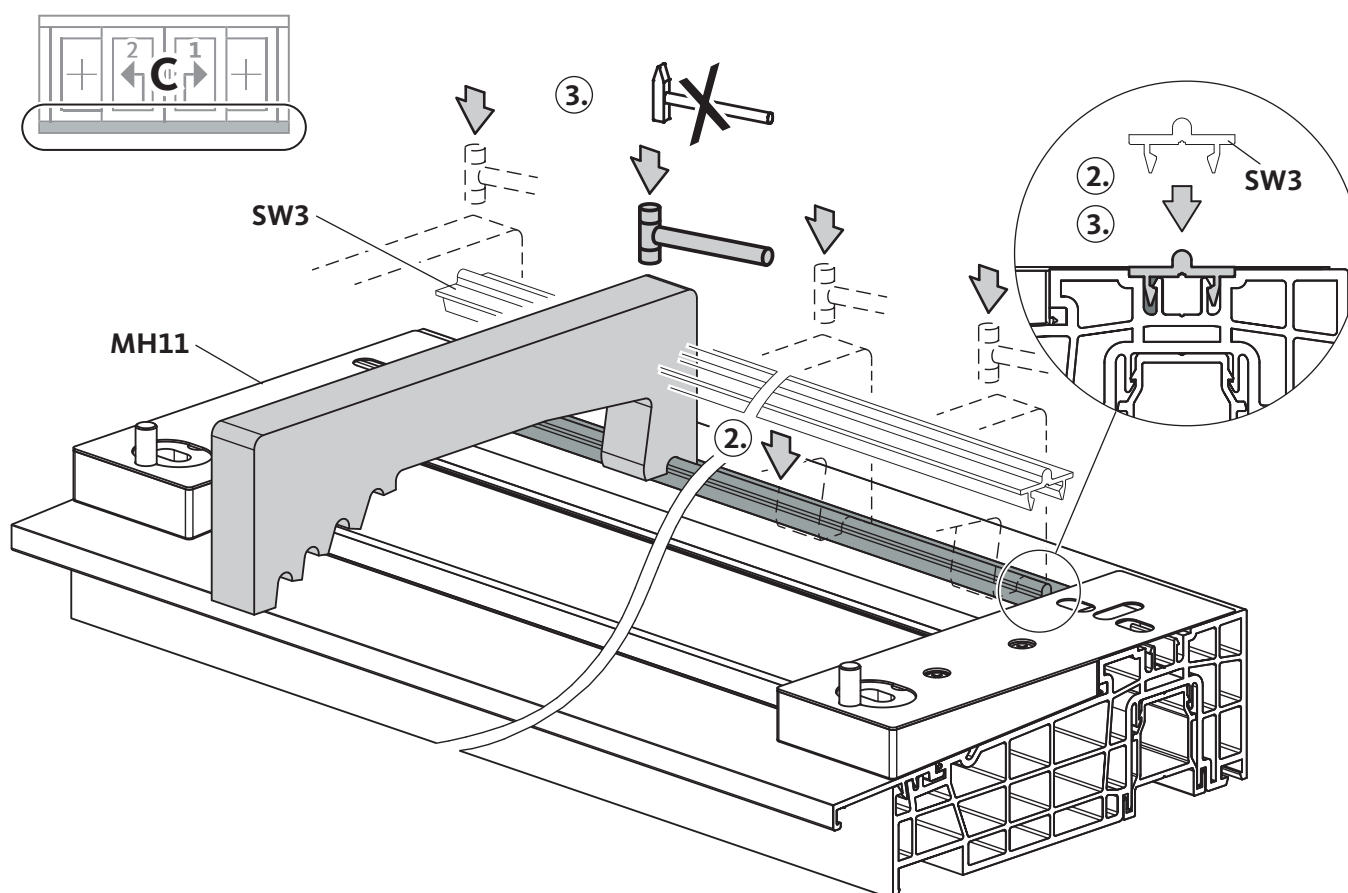
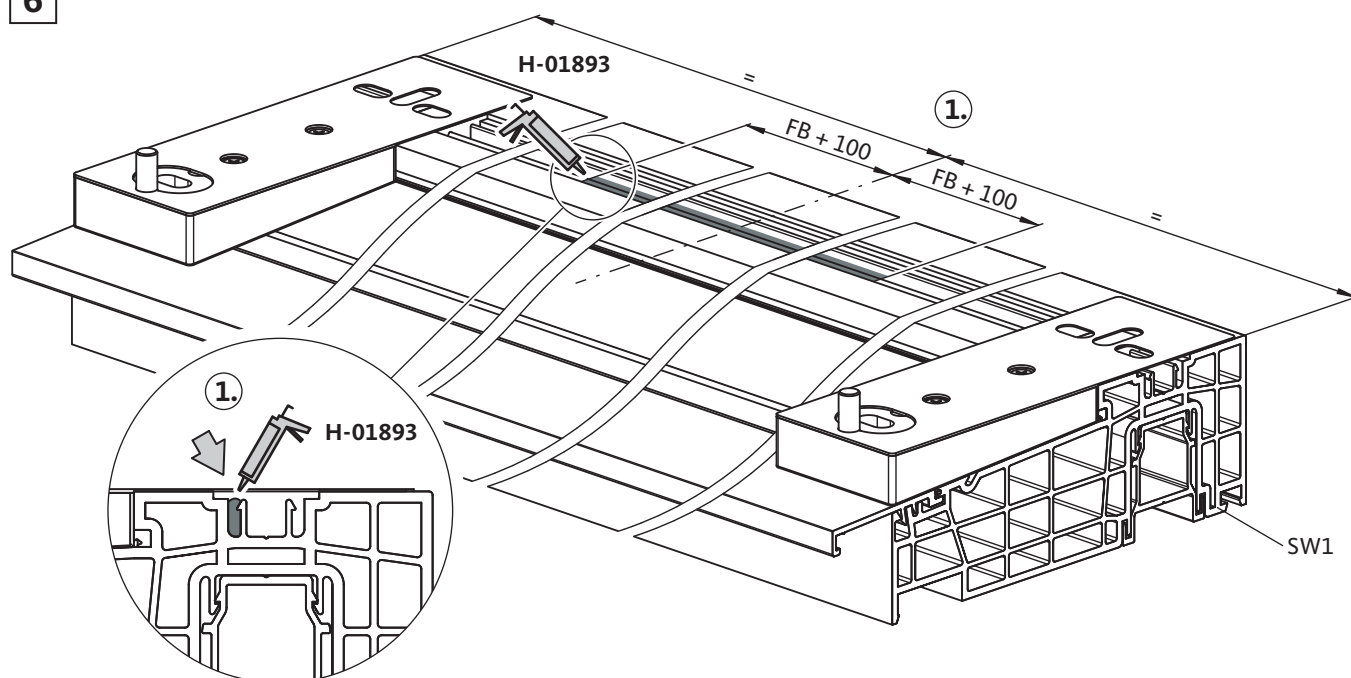


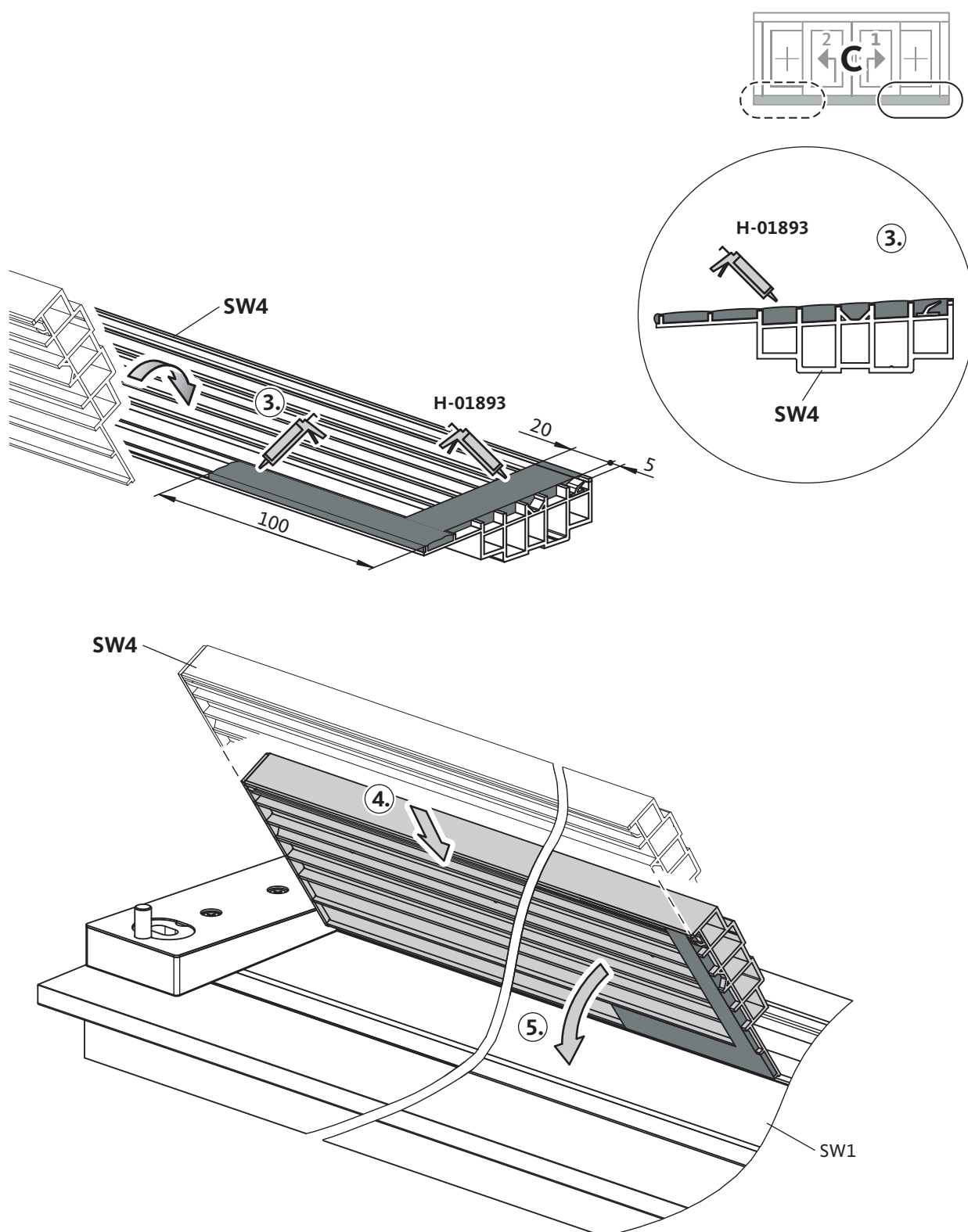
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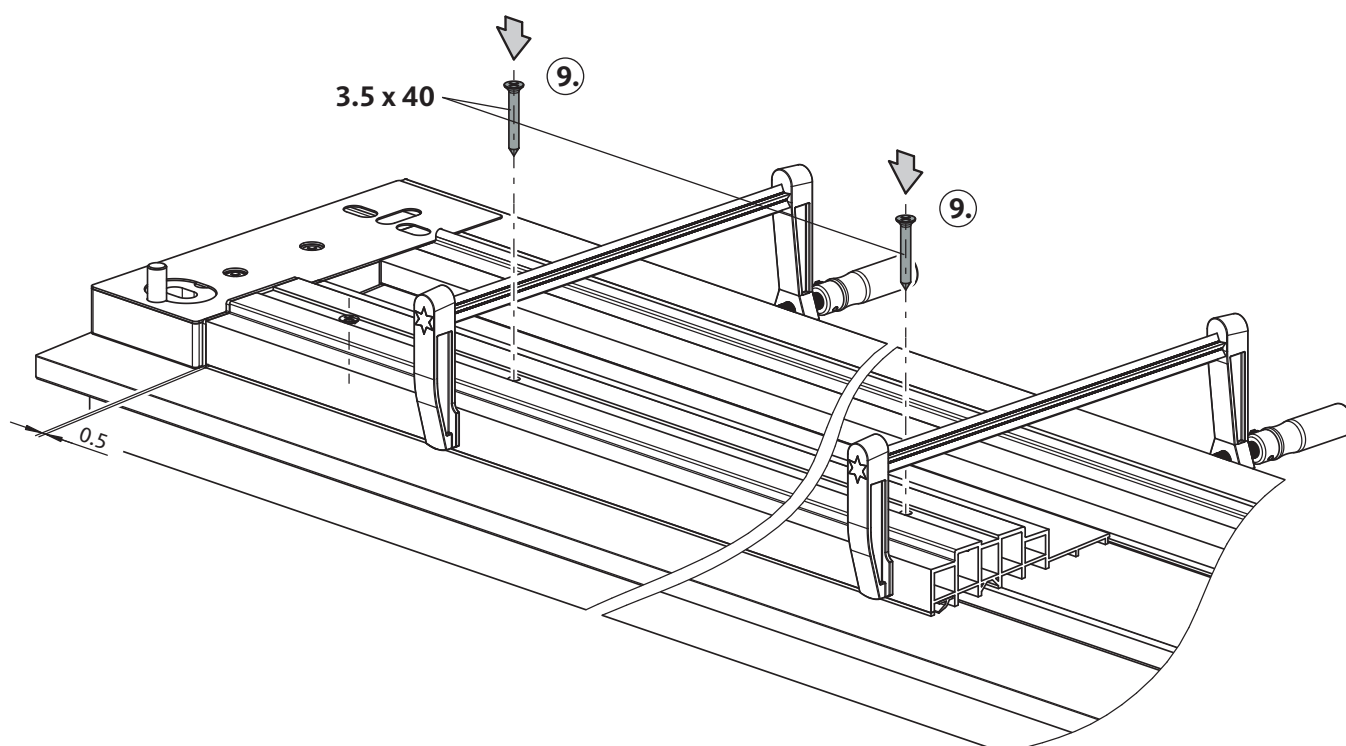
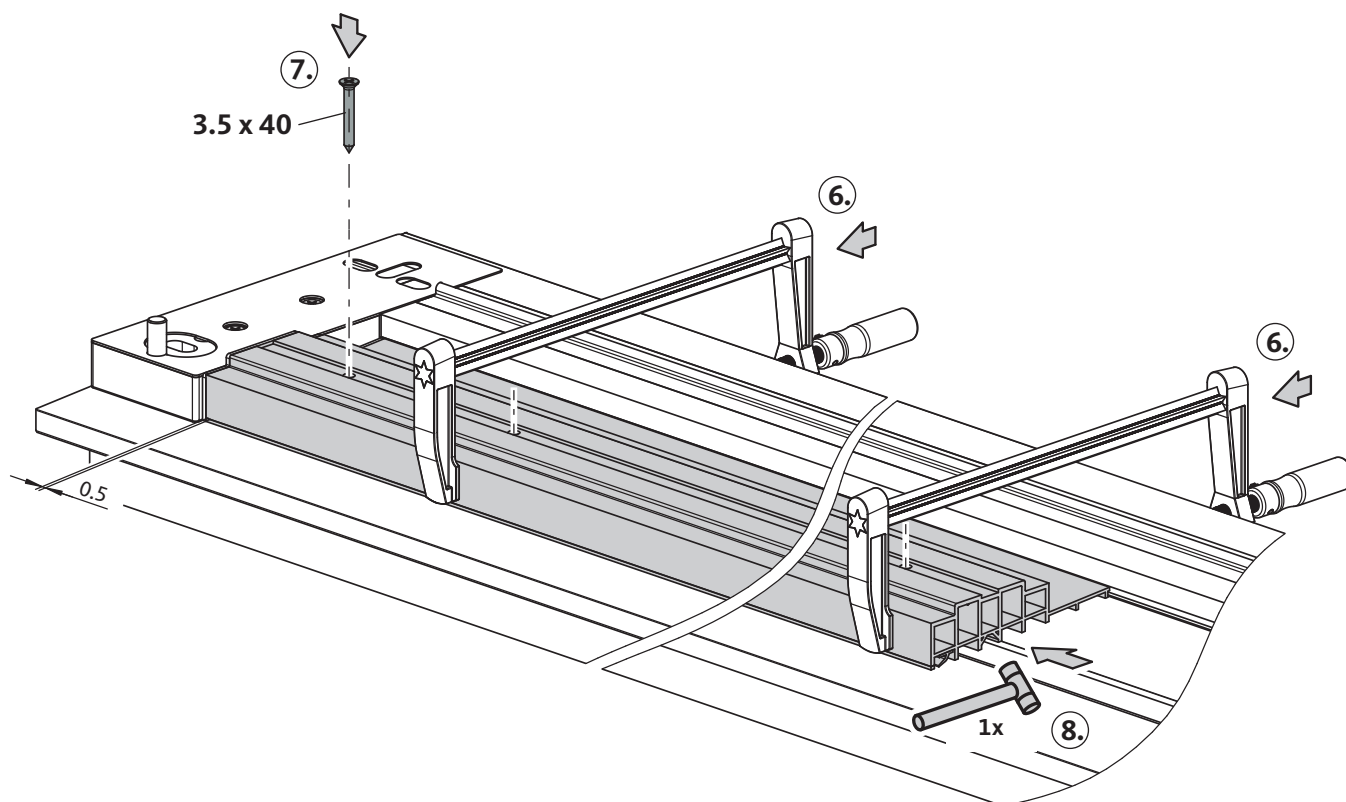
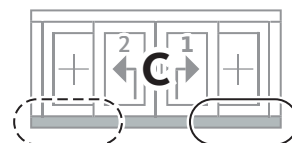
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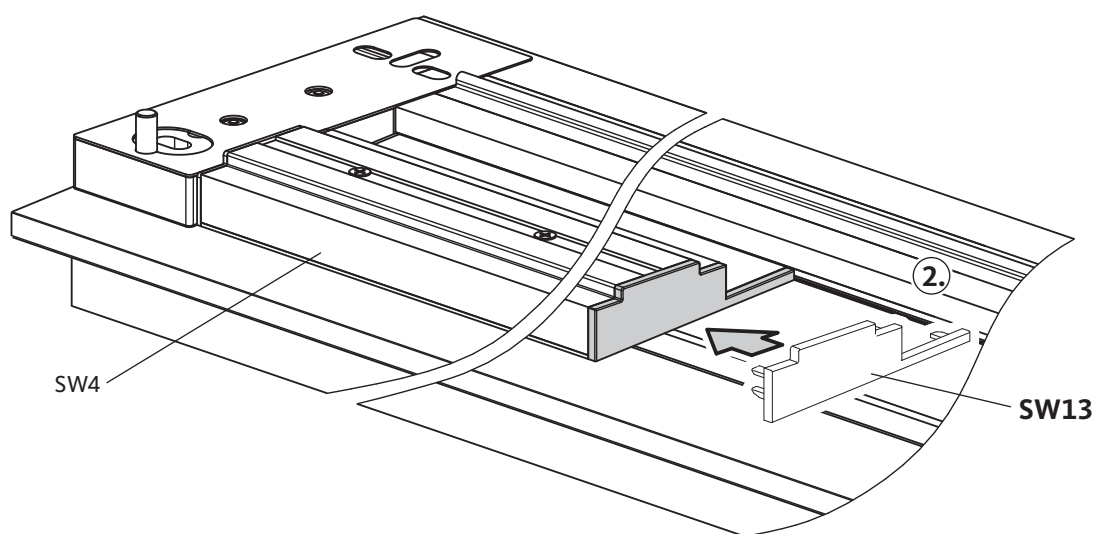
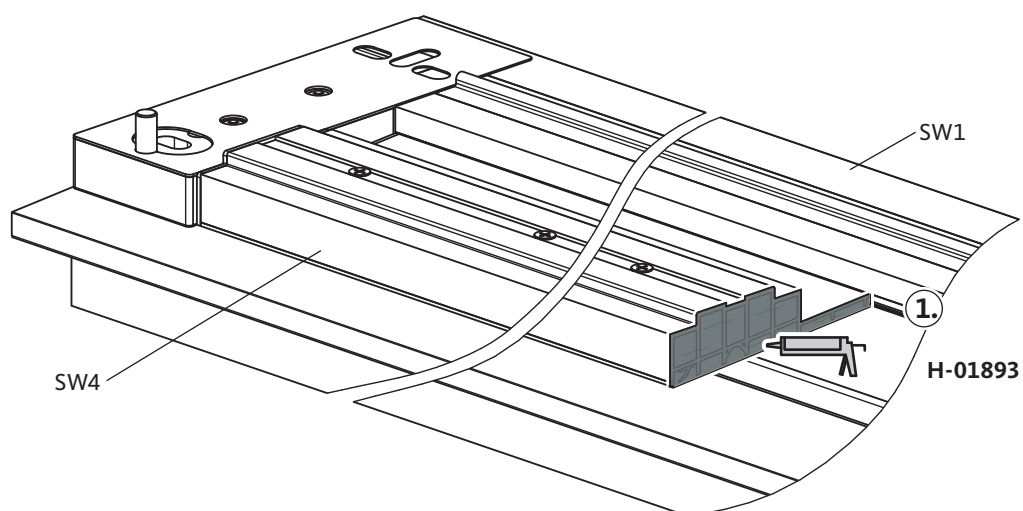
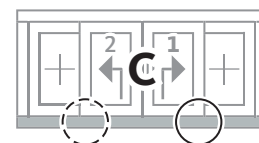


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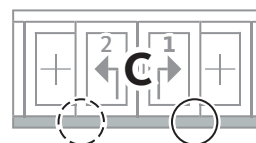
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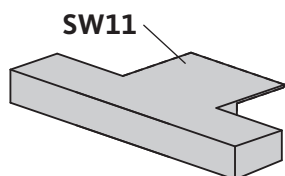
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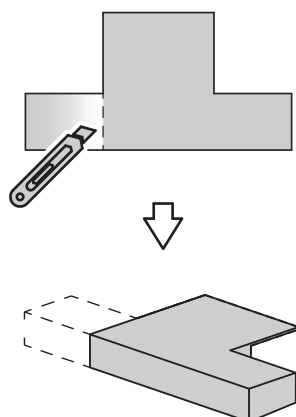
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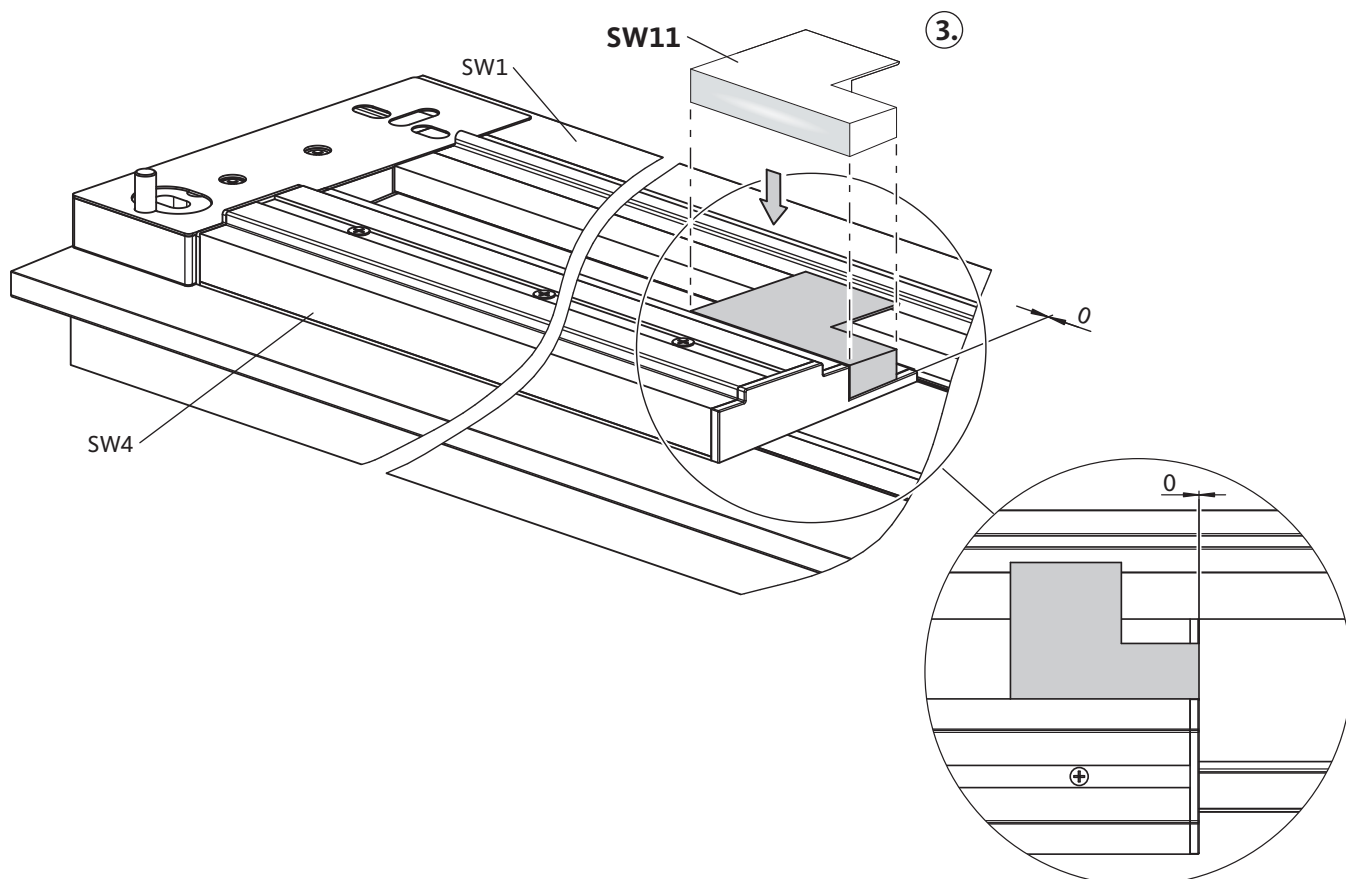
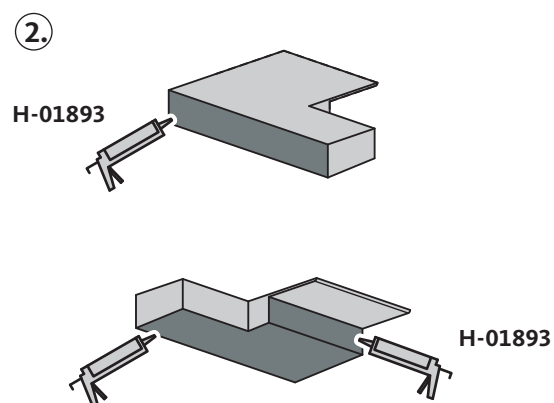
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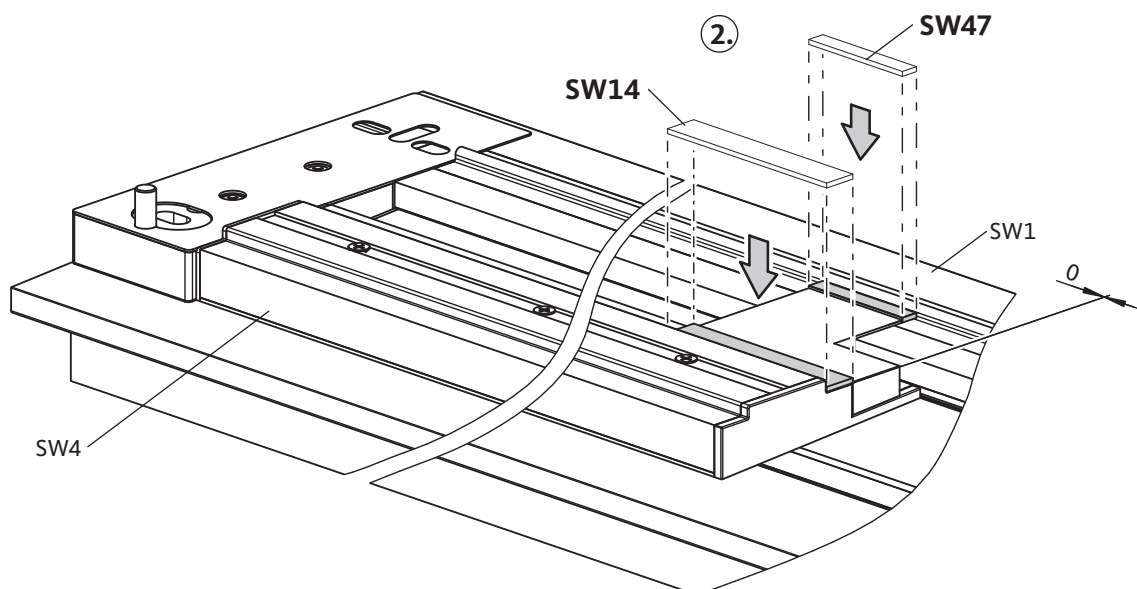
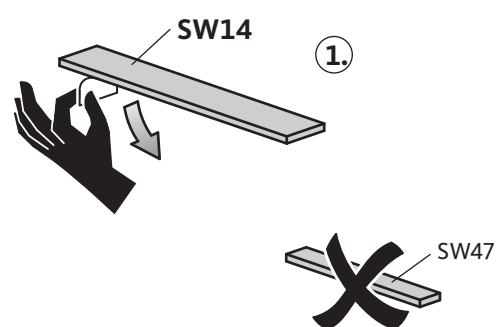
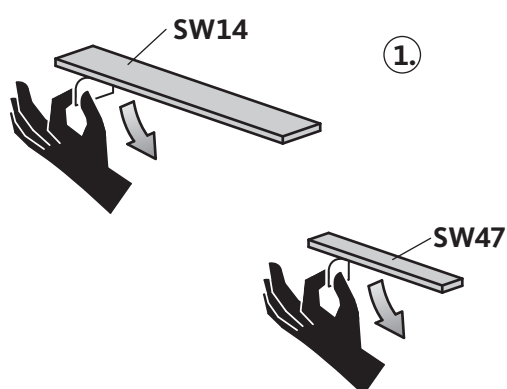
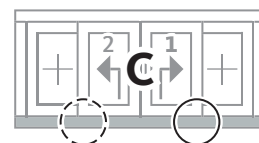
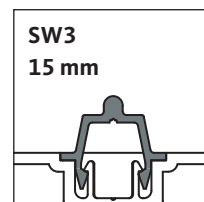
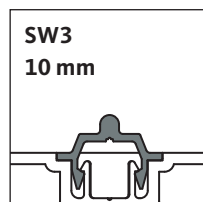
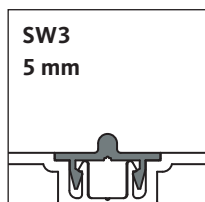
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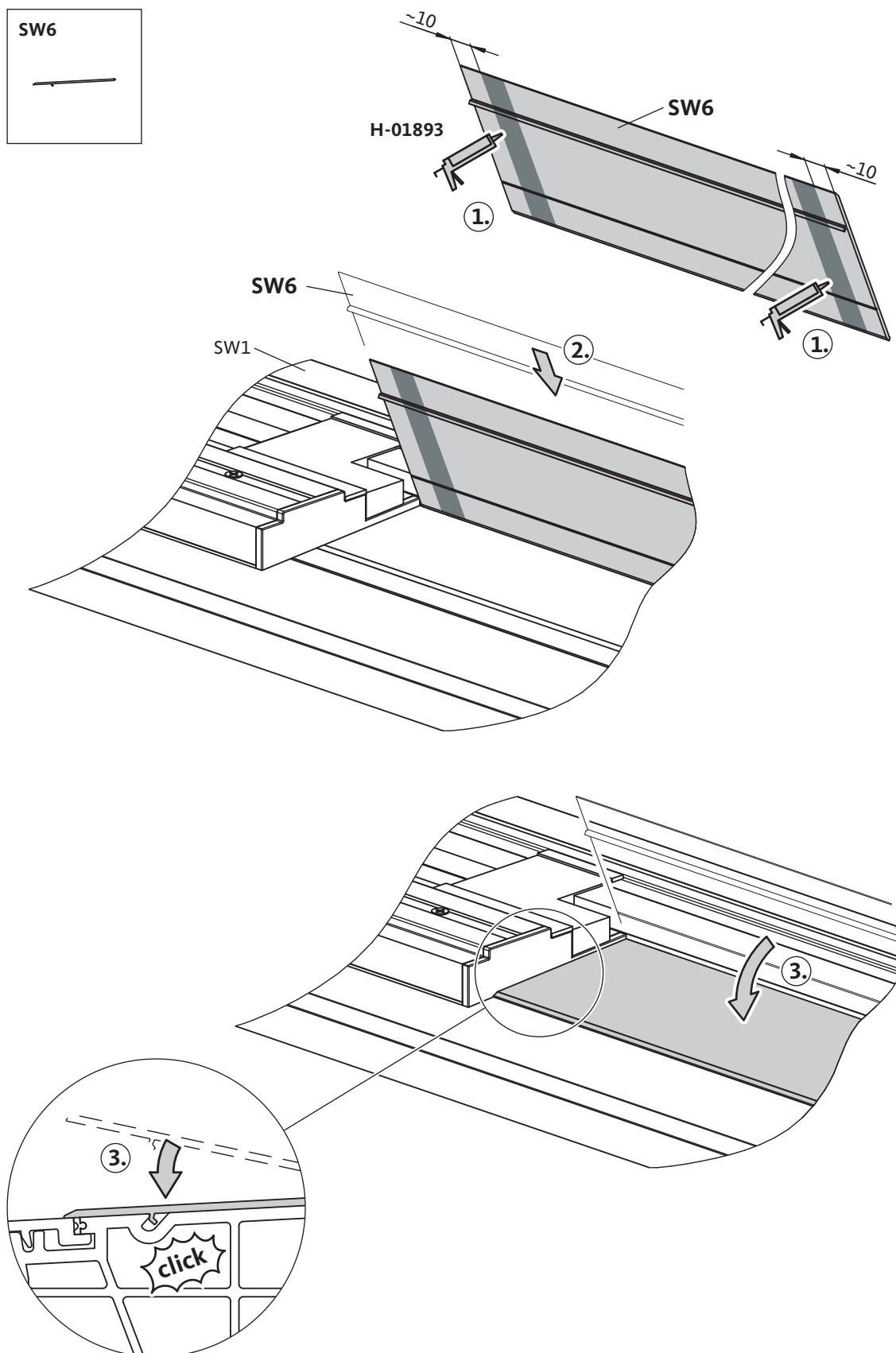
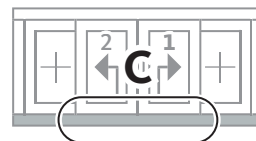


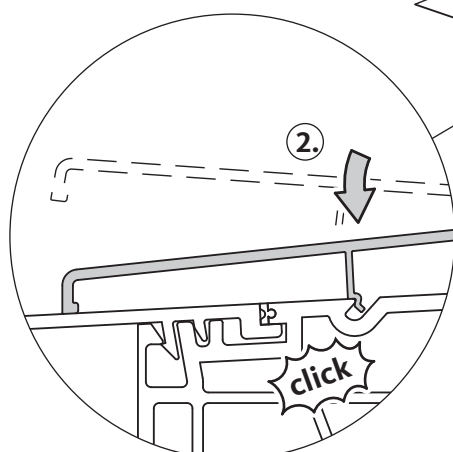
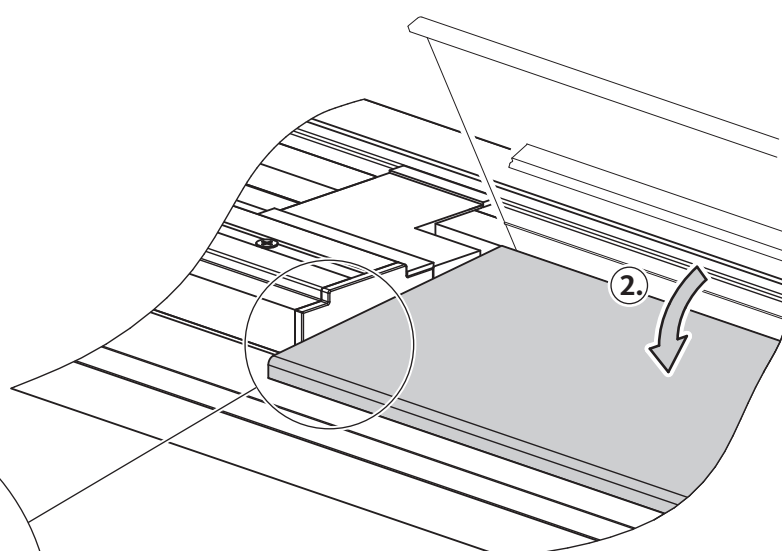
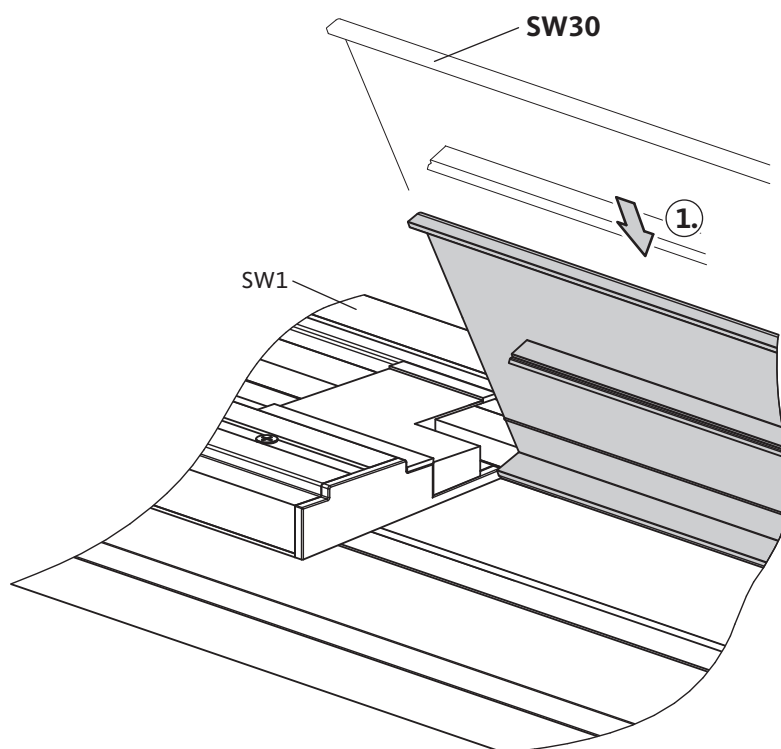
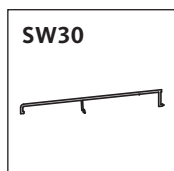
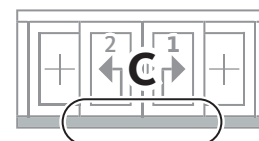
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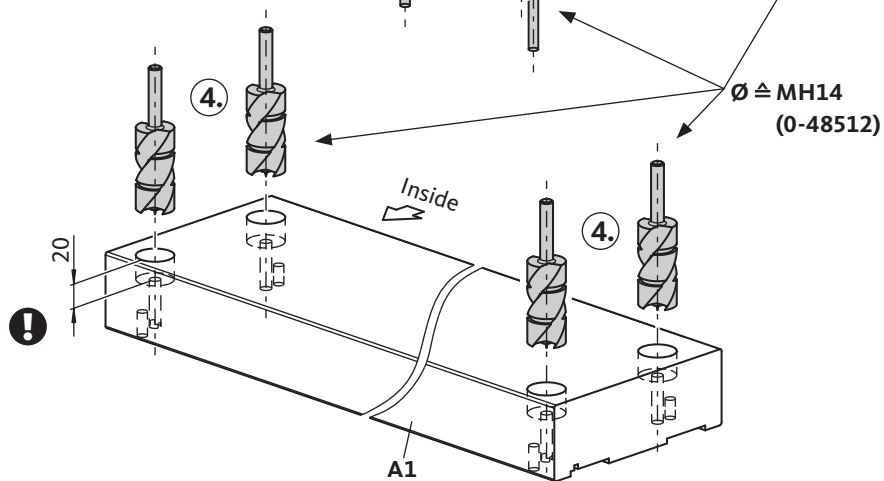
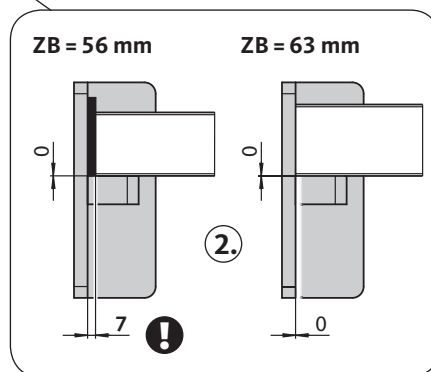
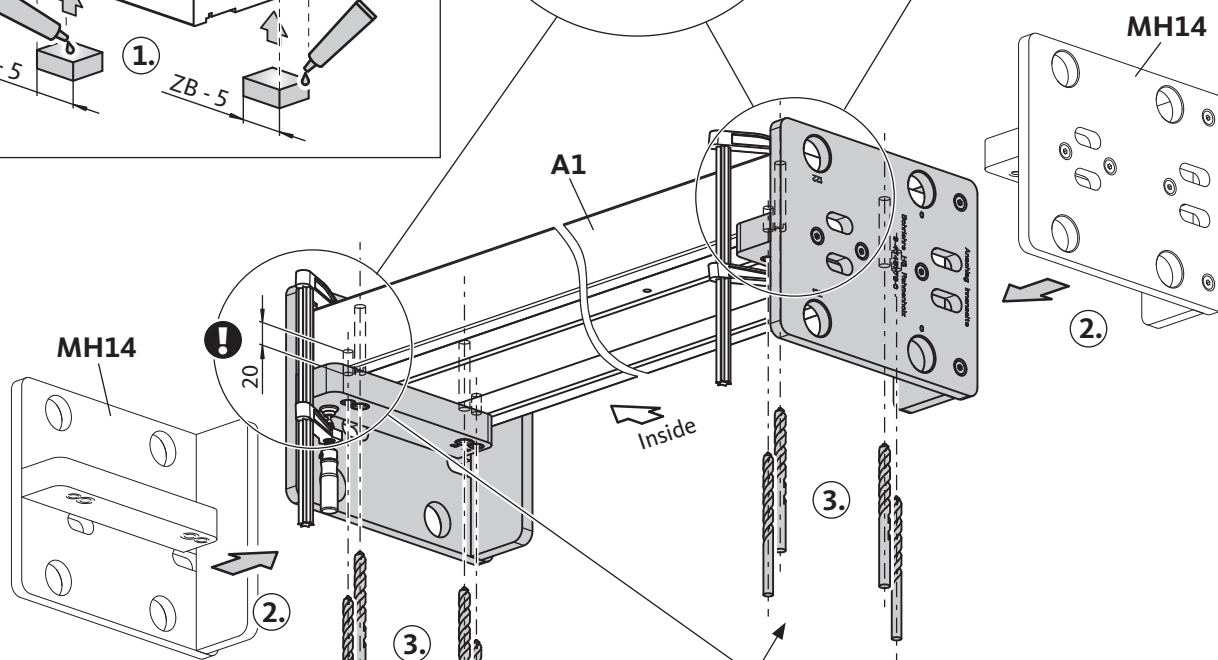
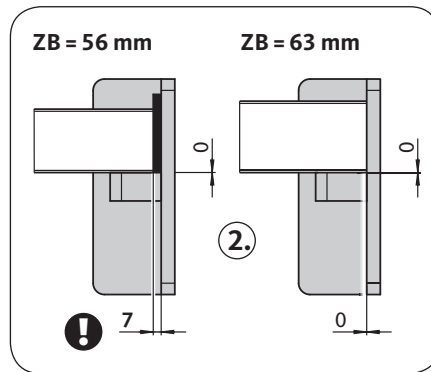
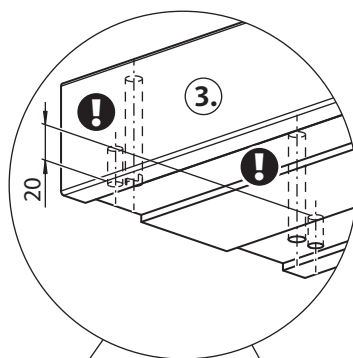
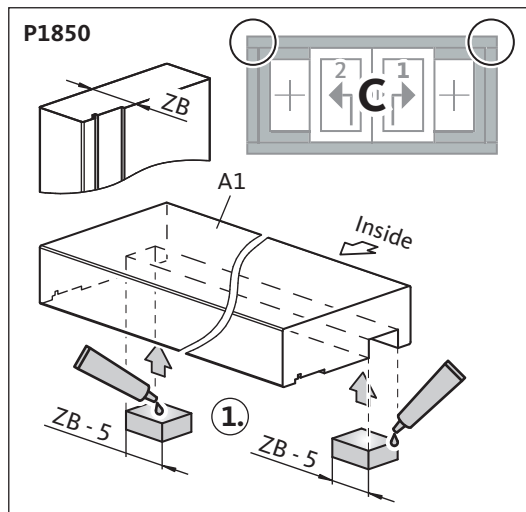
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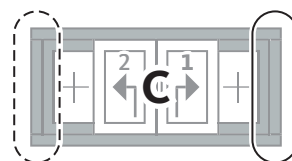
Lift&Slide hardware for timber elements - pattern C



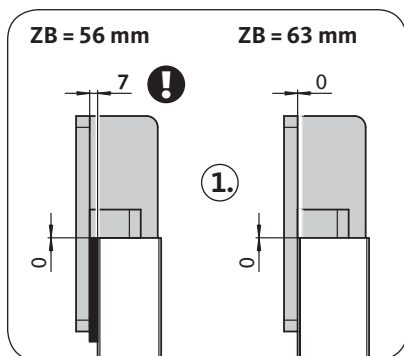
3.3 Installing the frame

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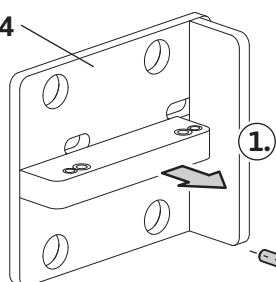




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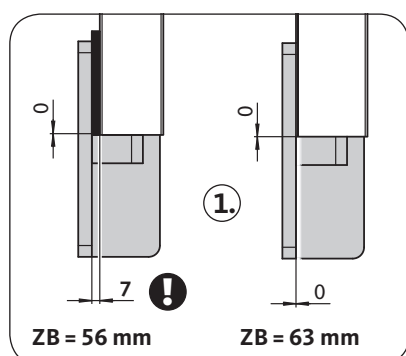
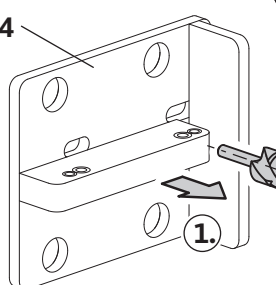


MH14

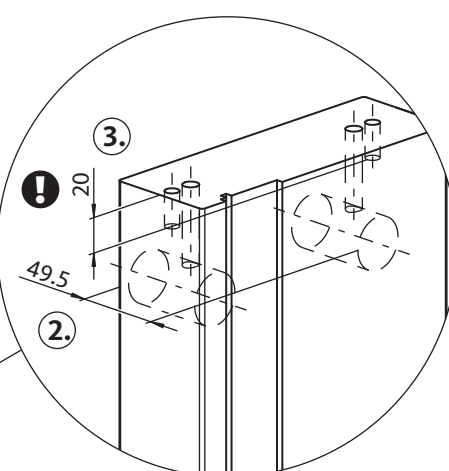
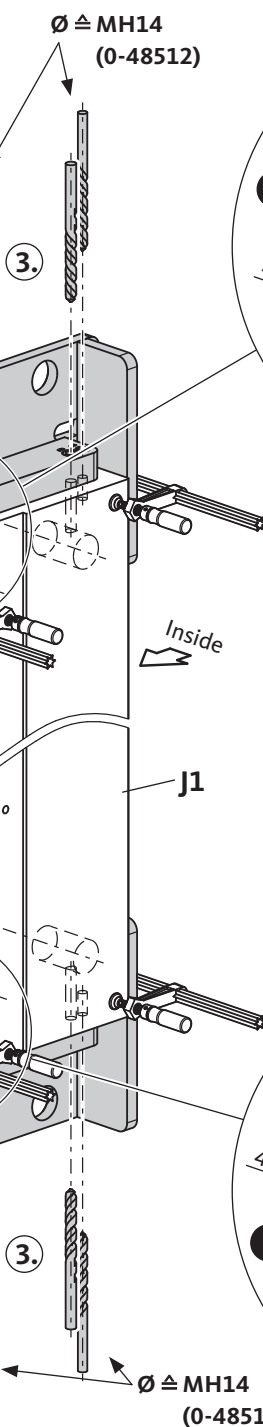


MH14 $\cong \varnothing$
(0-48512)

MH14

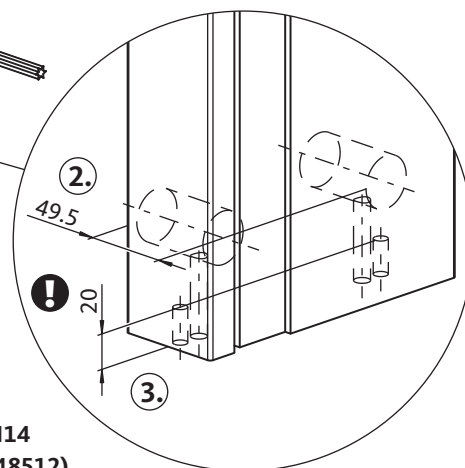


$\varnothing \cong \text{MH14}$
(0-48512)



Inside

J1

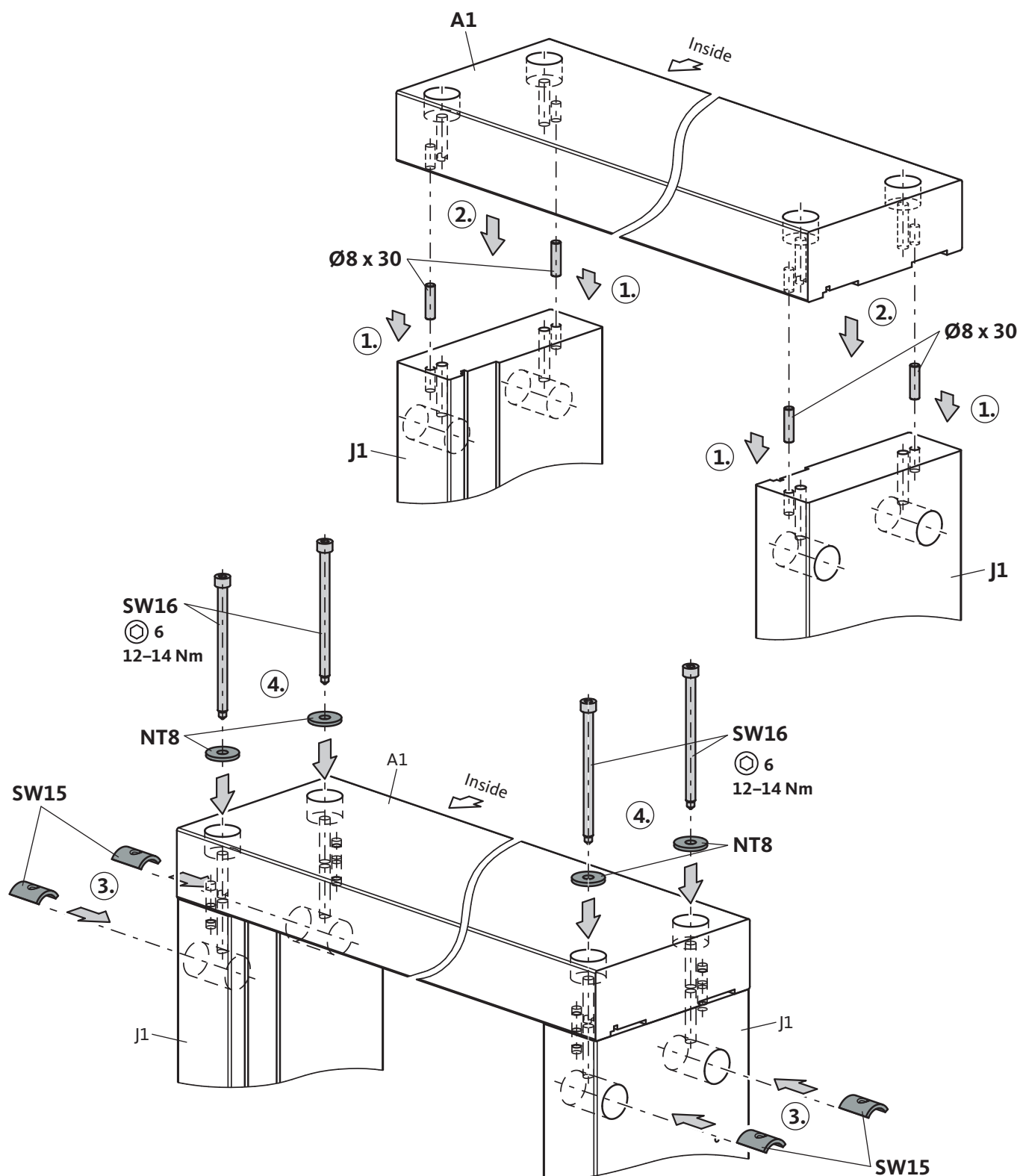
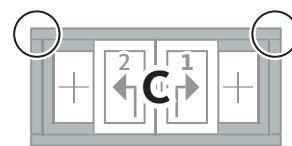


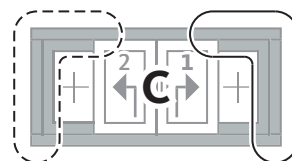
GU-934 | GU-937

Lift&Slide hardware for timber elements - pattern C

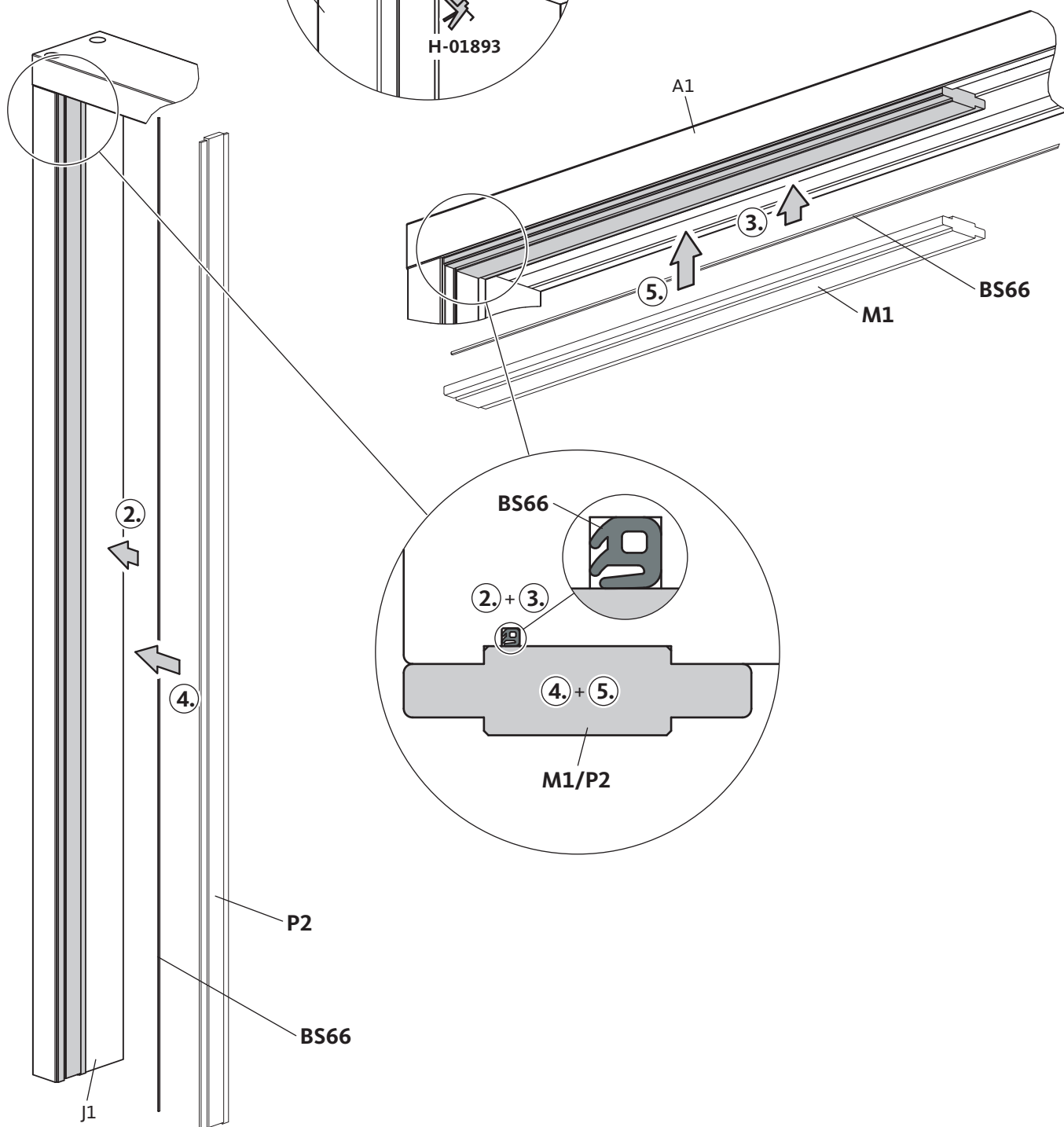
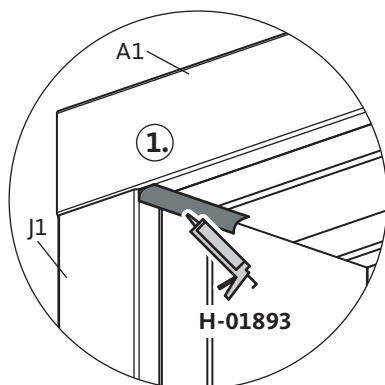
GU

3



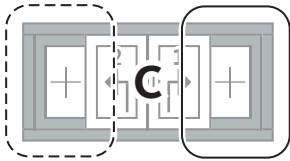


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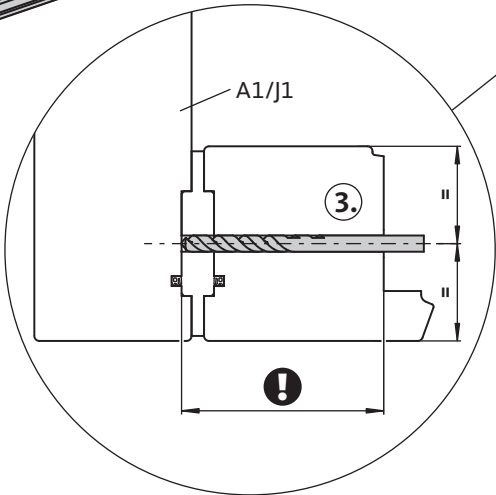
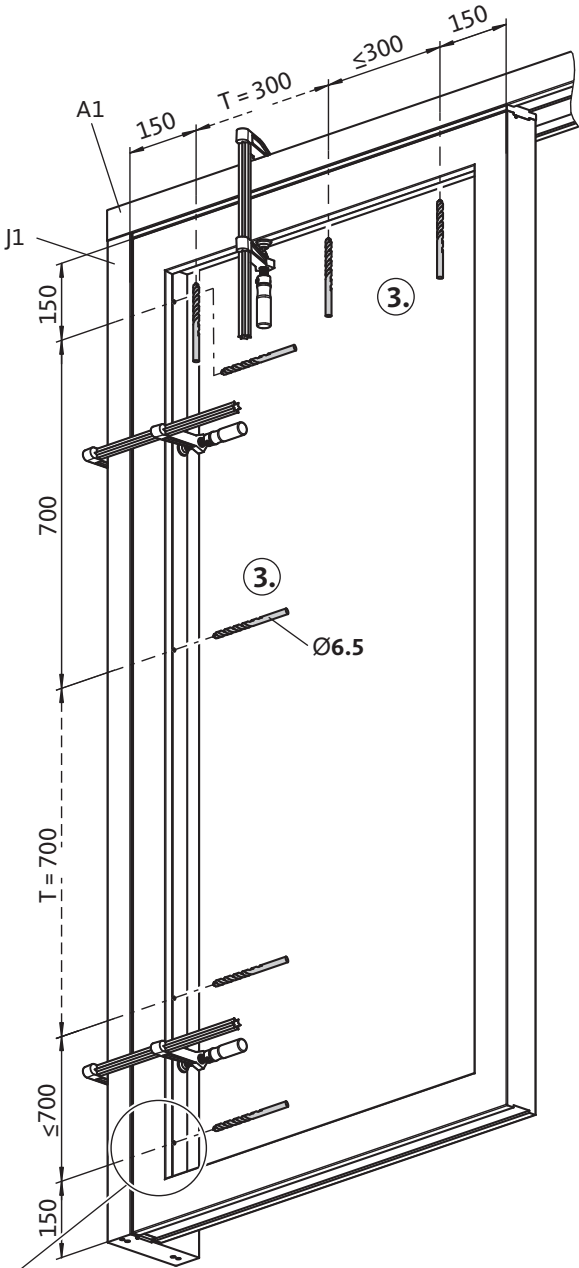
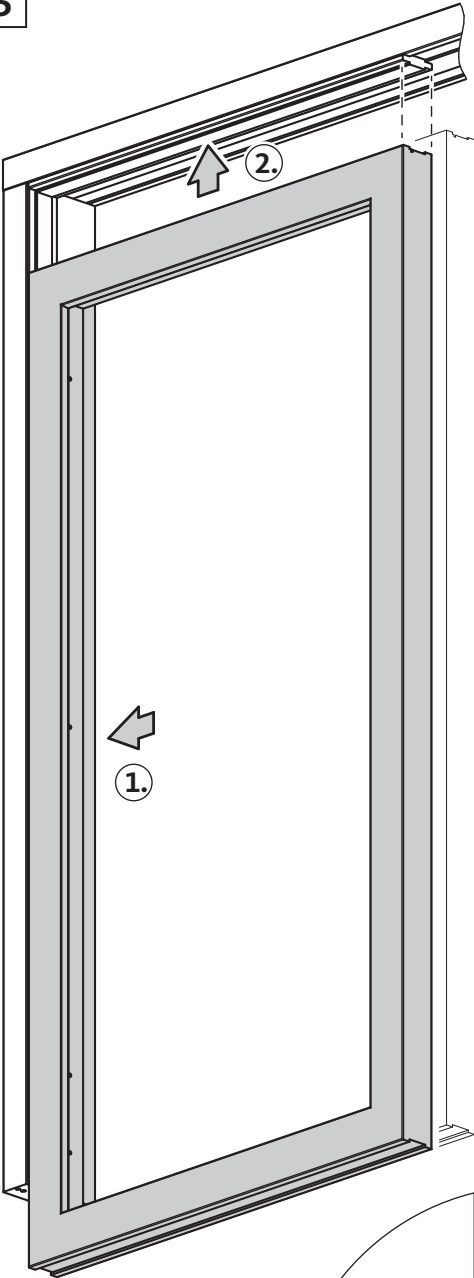


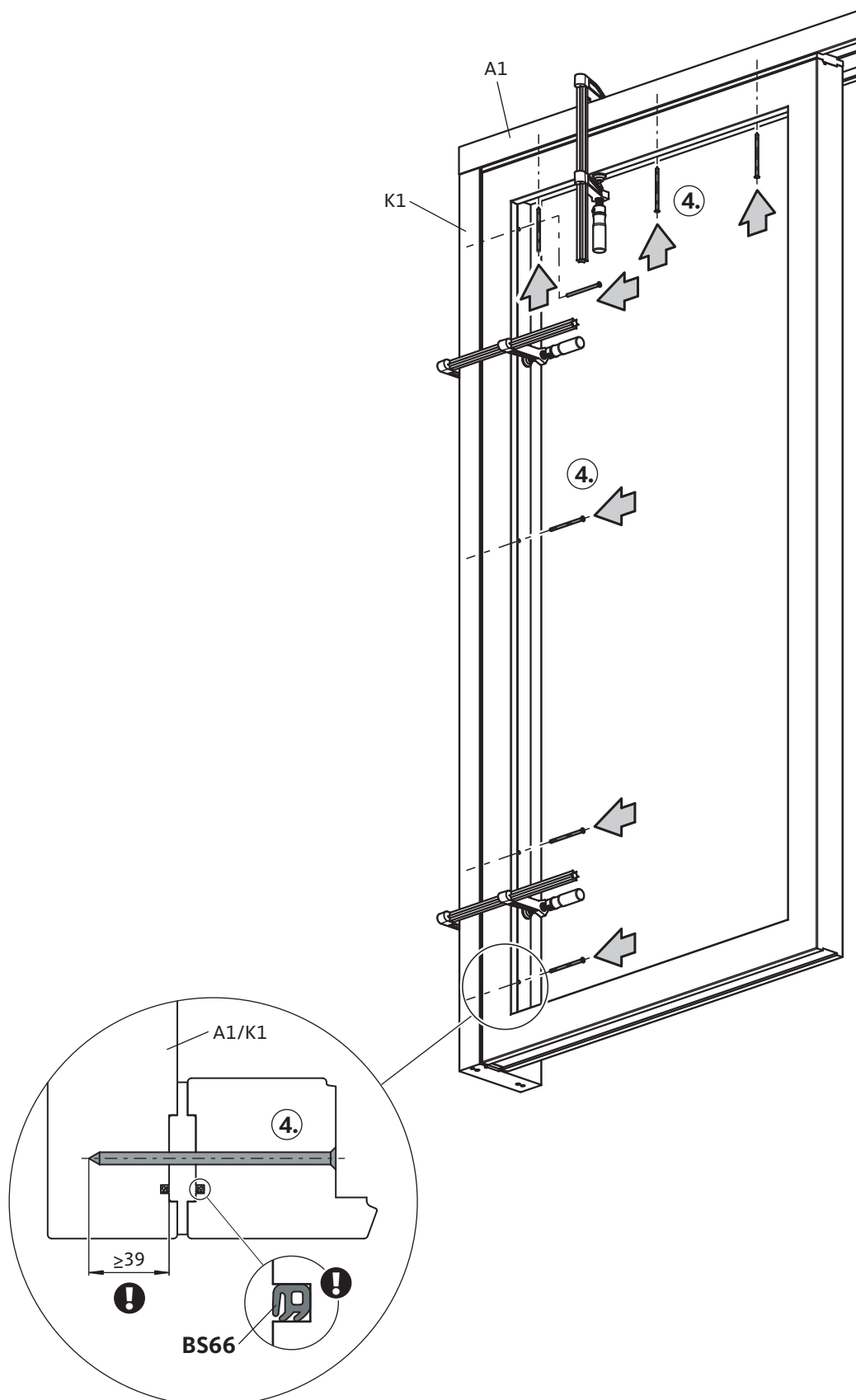
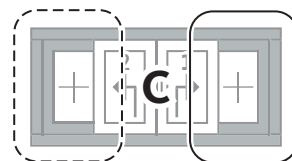
GU-934 | GU-937

Lift&Slide hardware for timber elements - pattern C



5



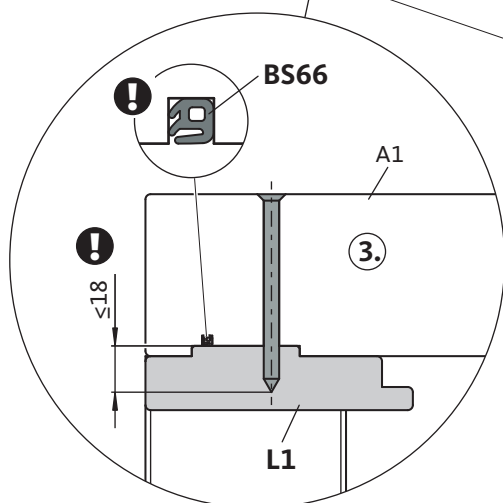
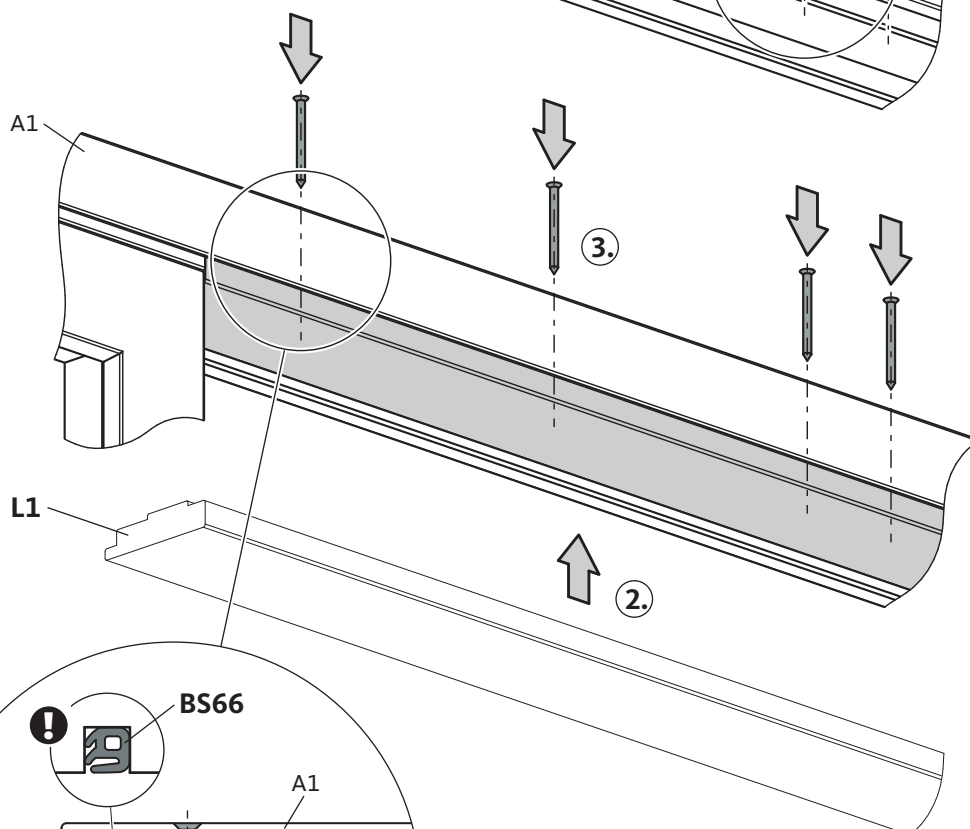
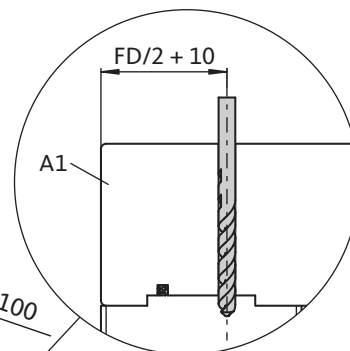
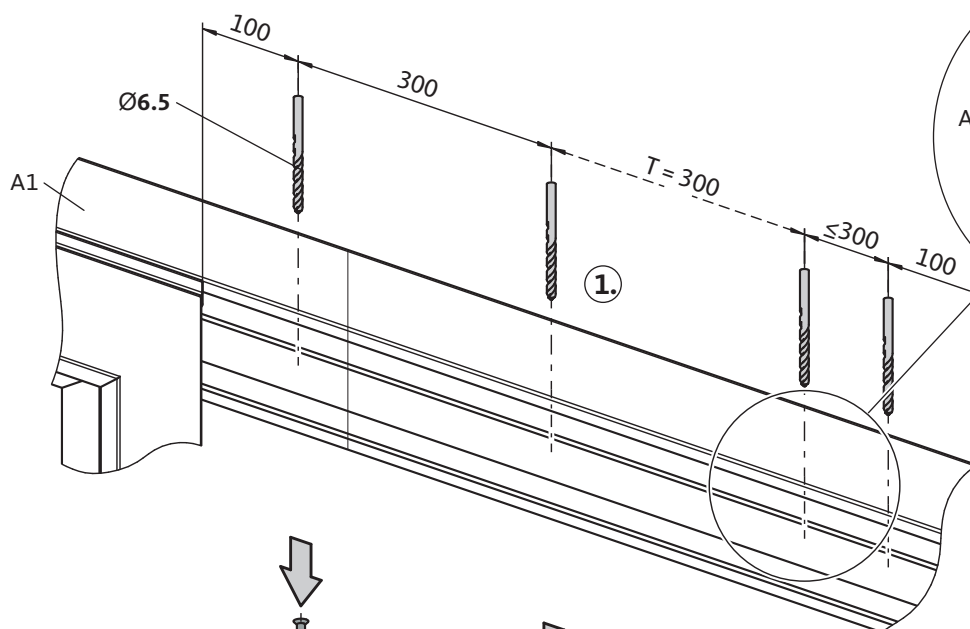
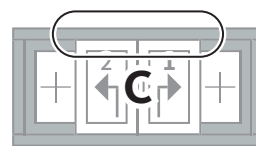


GU-934 | GU-937

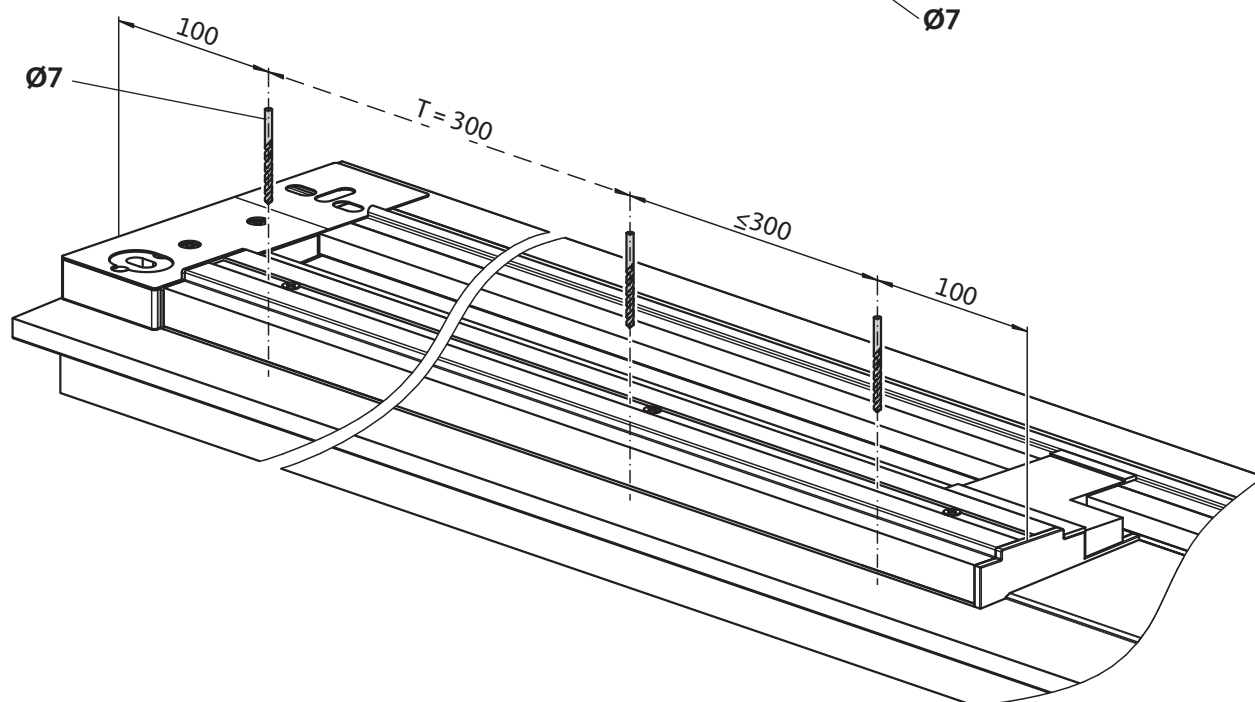
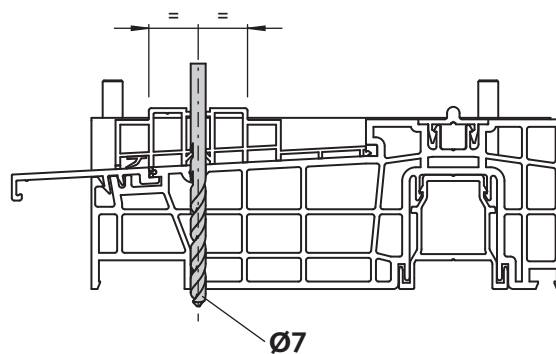
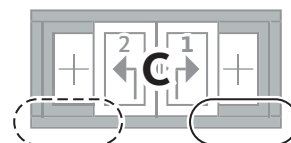
Lift&Slide hardware for timber elements - pattern C

GU

6



7

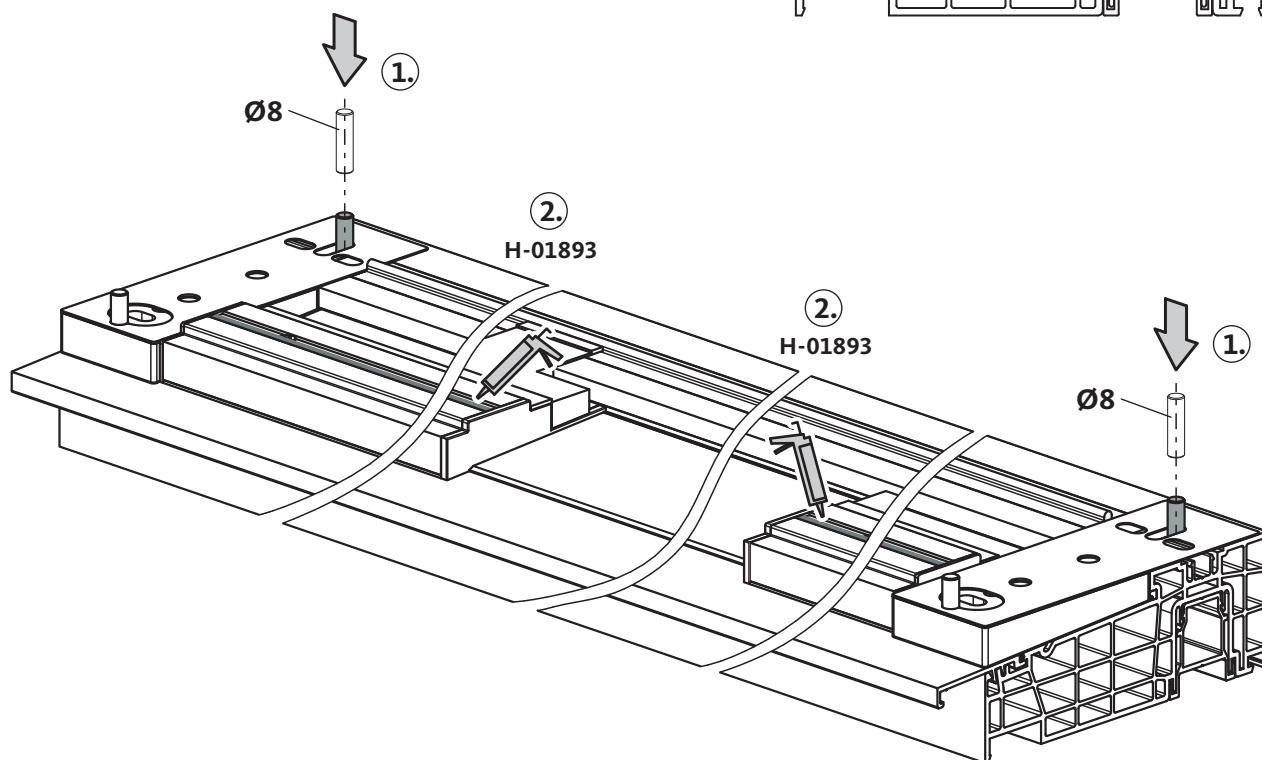
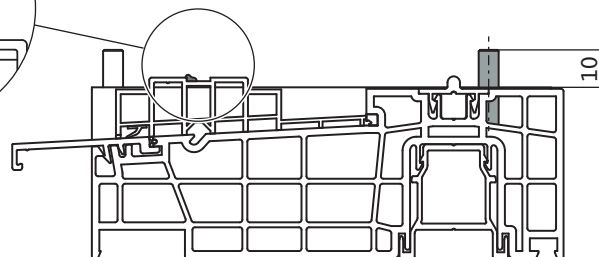
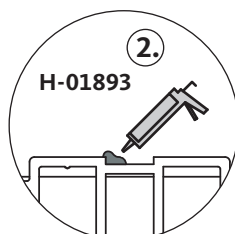
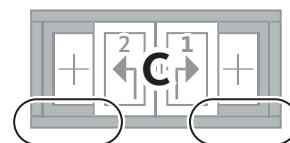


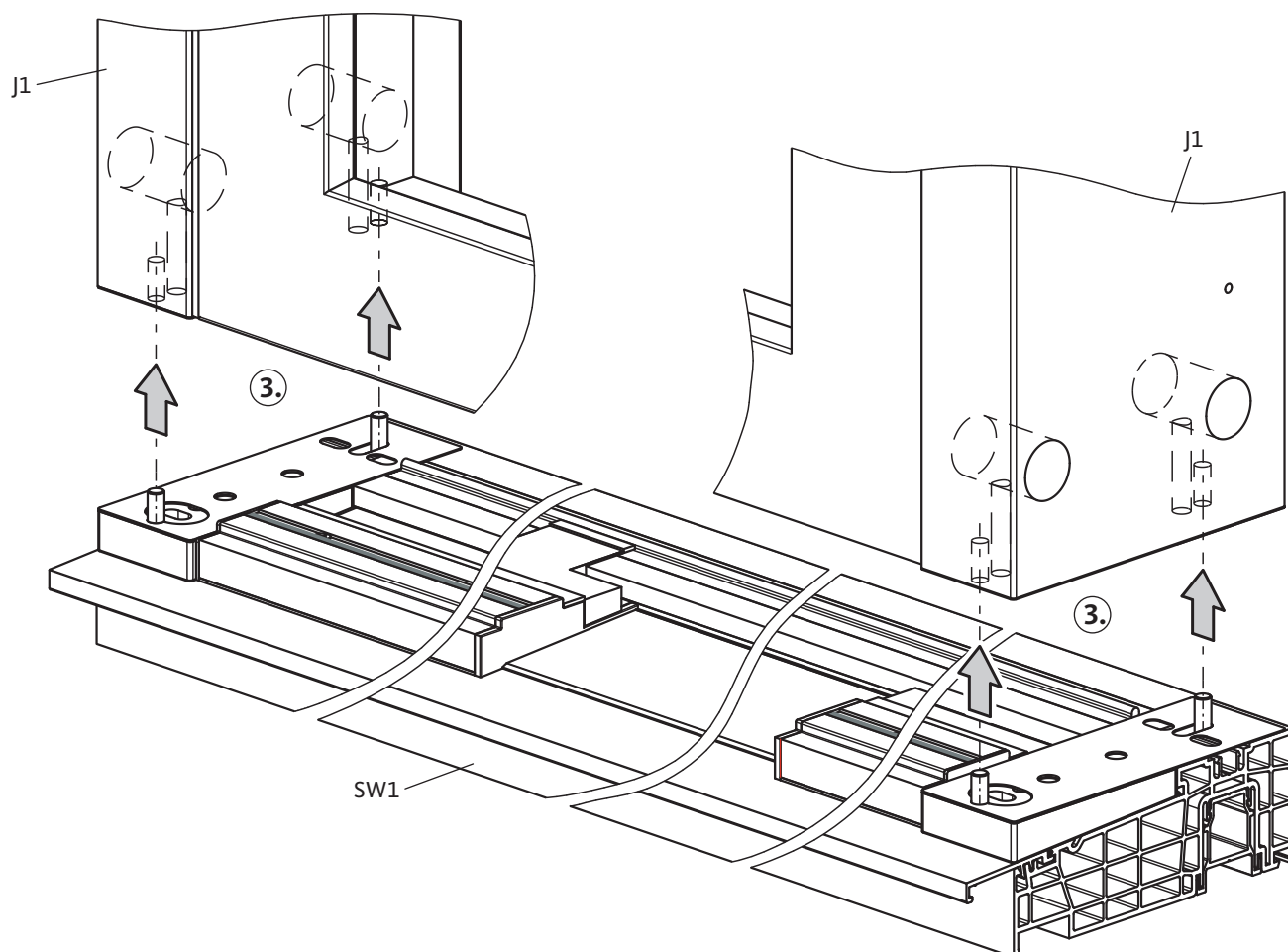
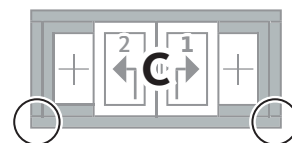
GU-934 | GU-937

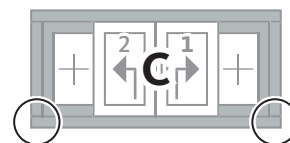
Lift&Slide hardware for timber elements - pattern C

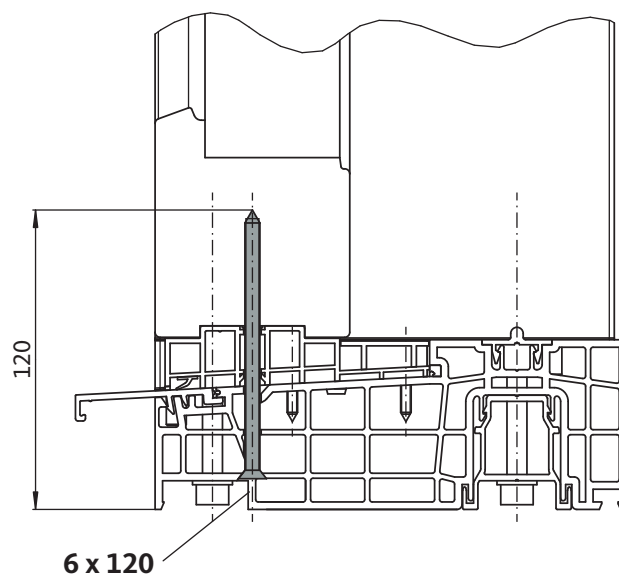
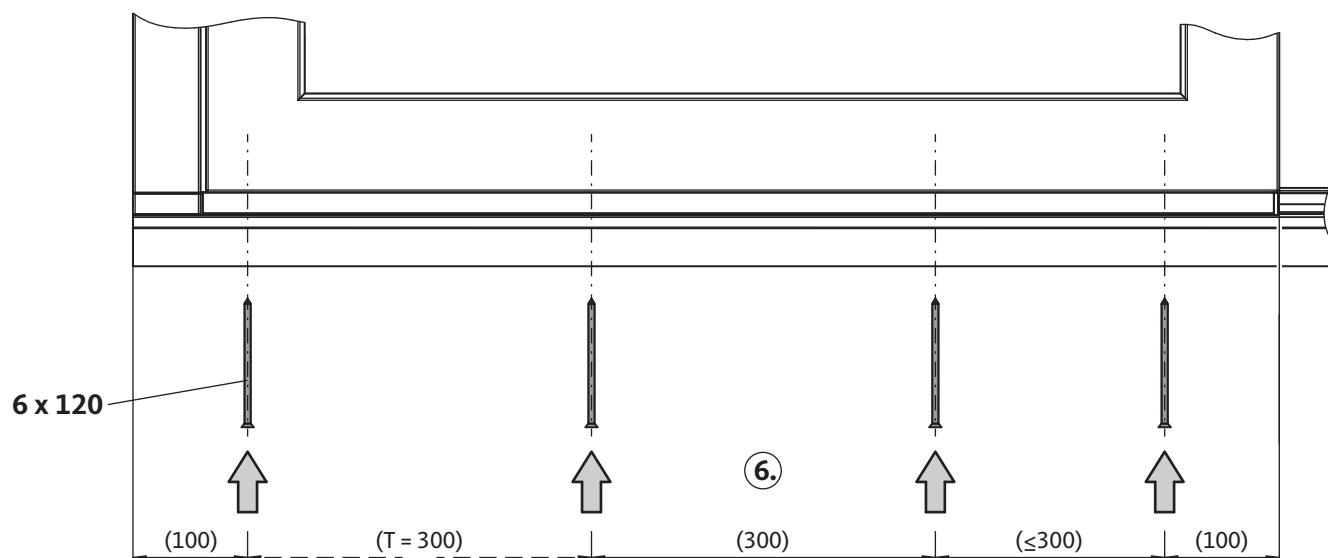
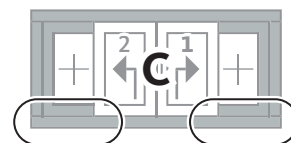
GU

8



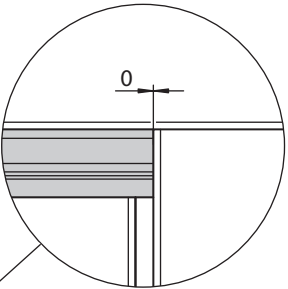
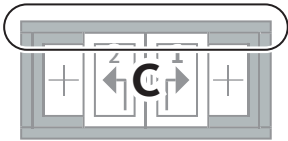




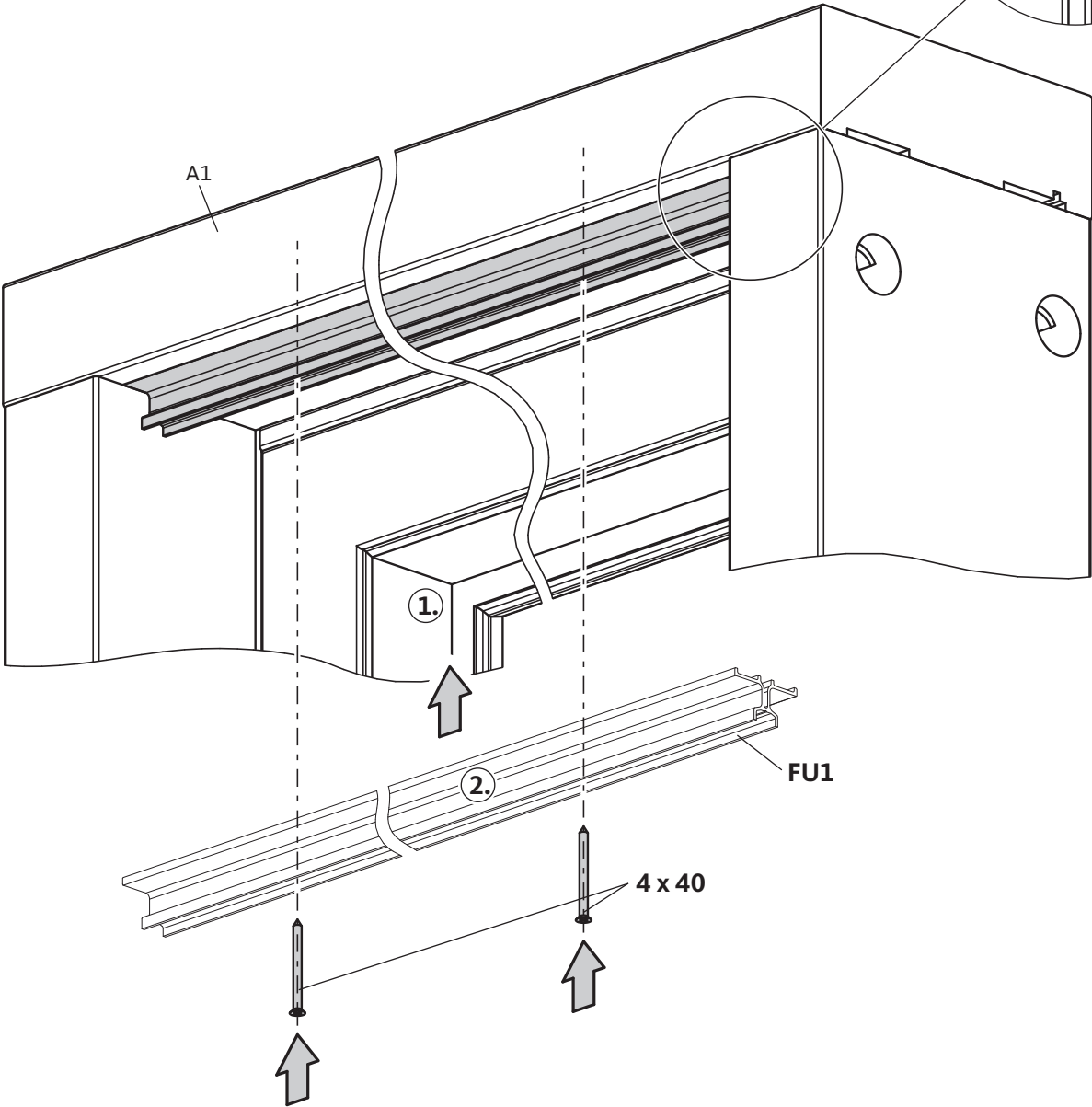


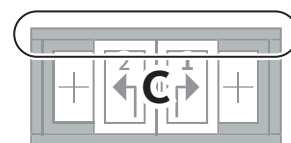
GU-934 | GU-937

Lift&Slide hardware for timber elements - pattern C

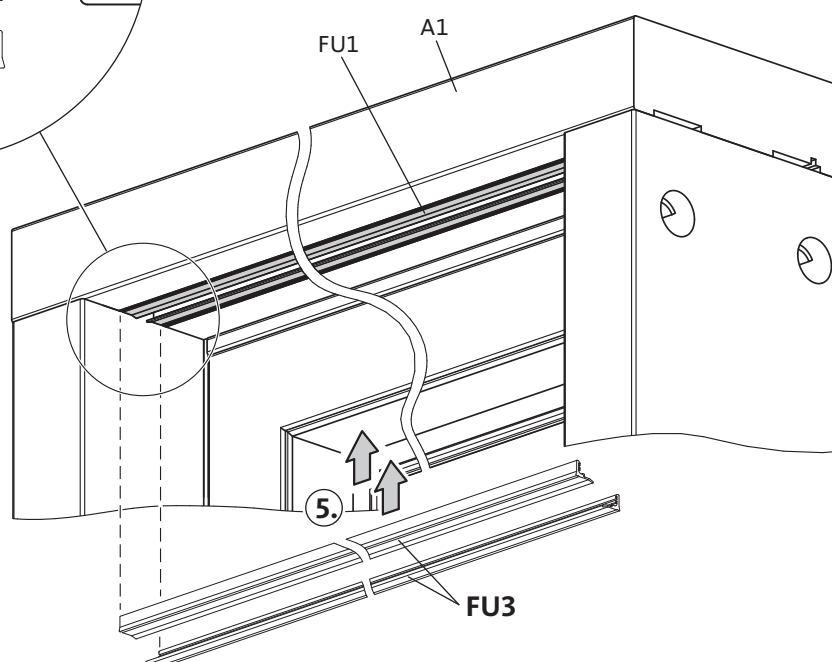
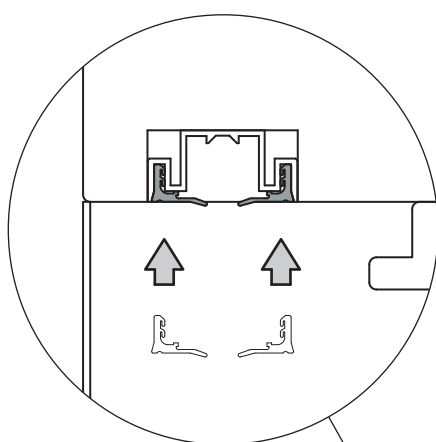
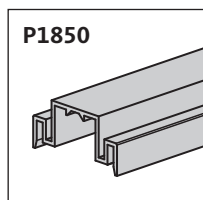


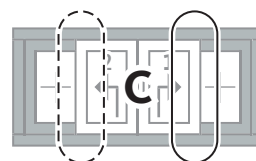
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10

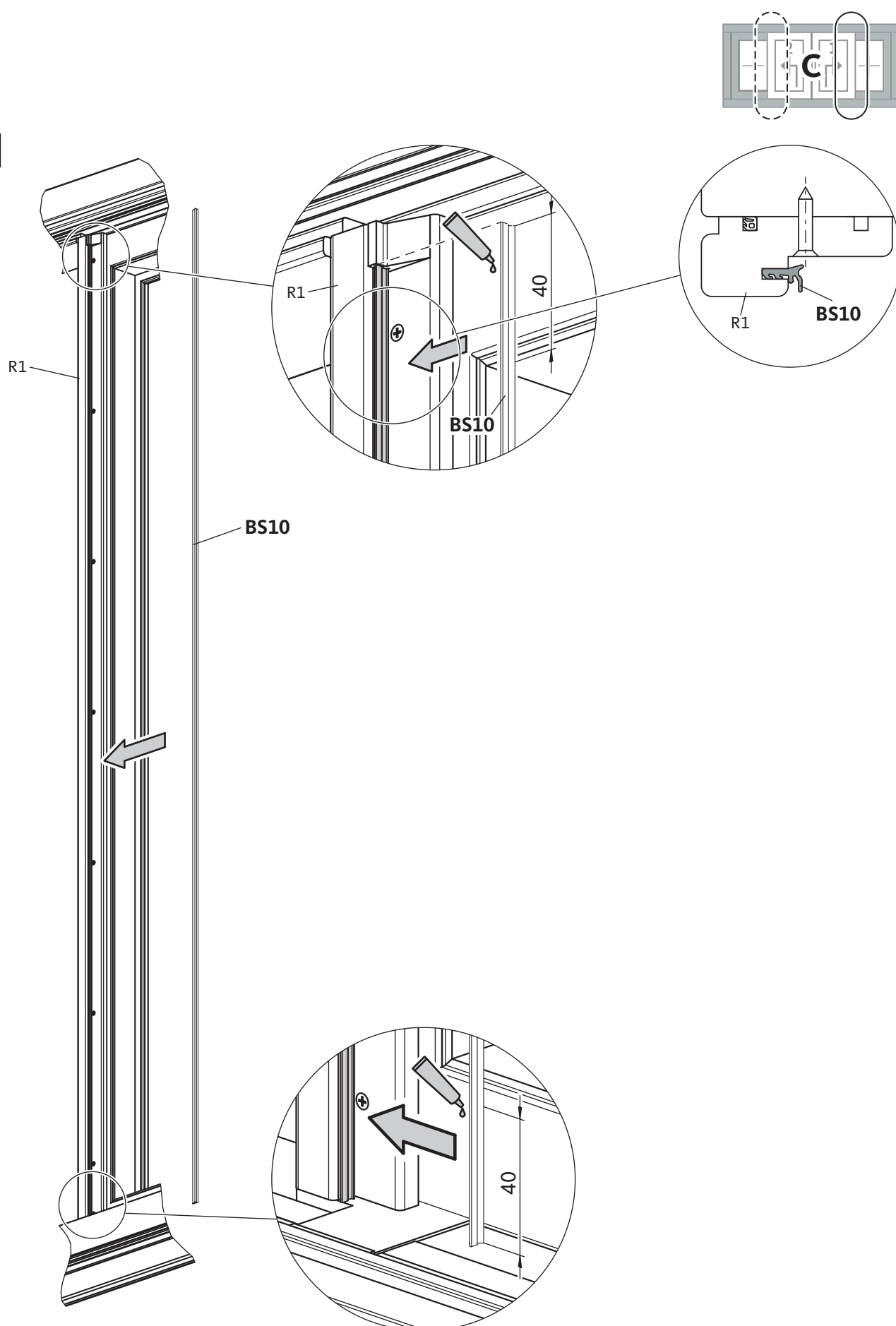




11

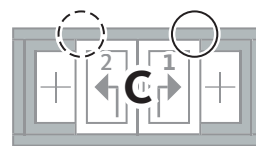


12



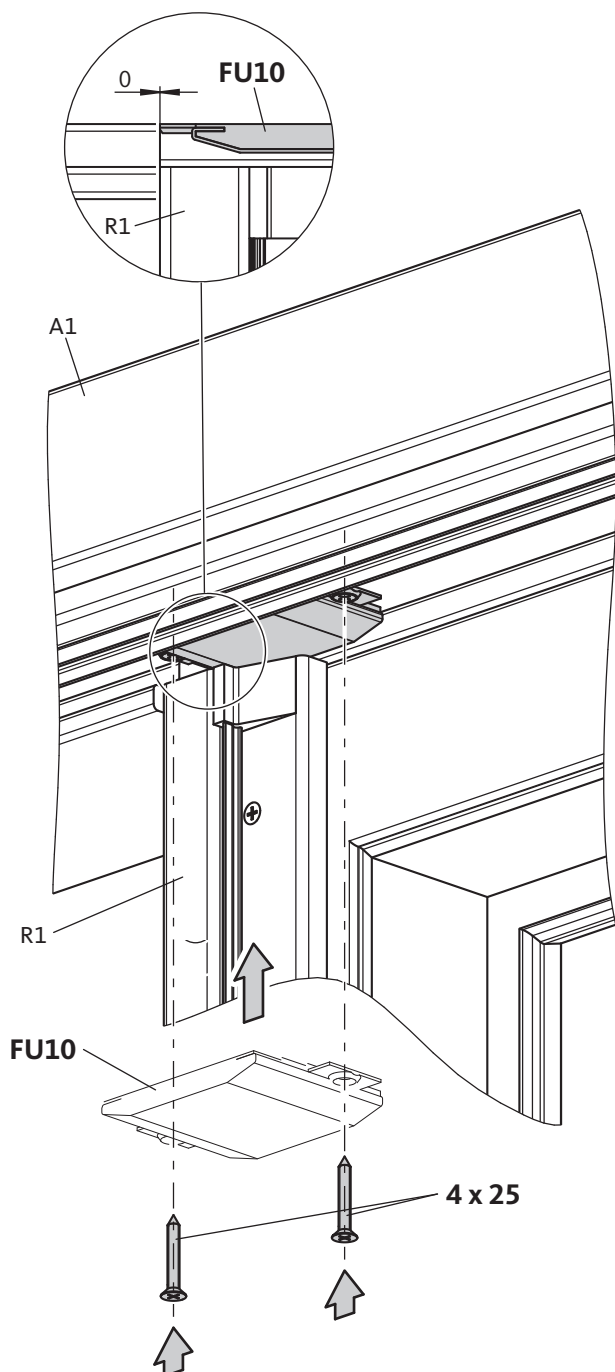
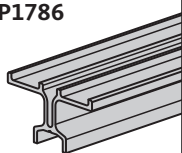
GU-934 | GU-937

Lift&Slide hardware for timber elements - pattern C

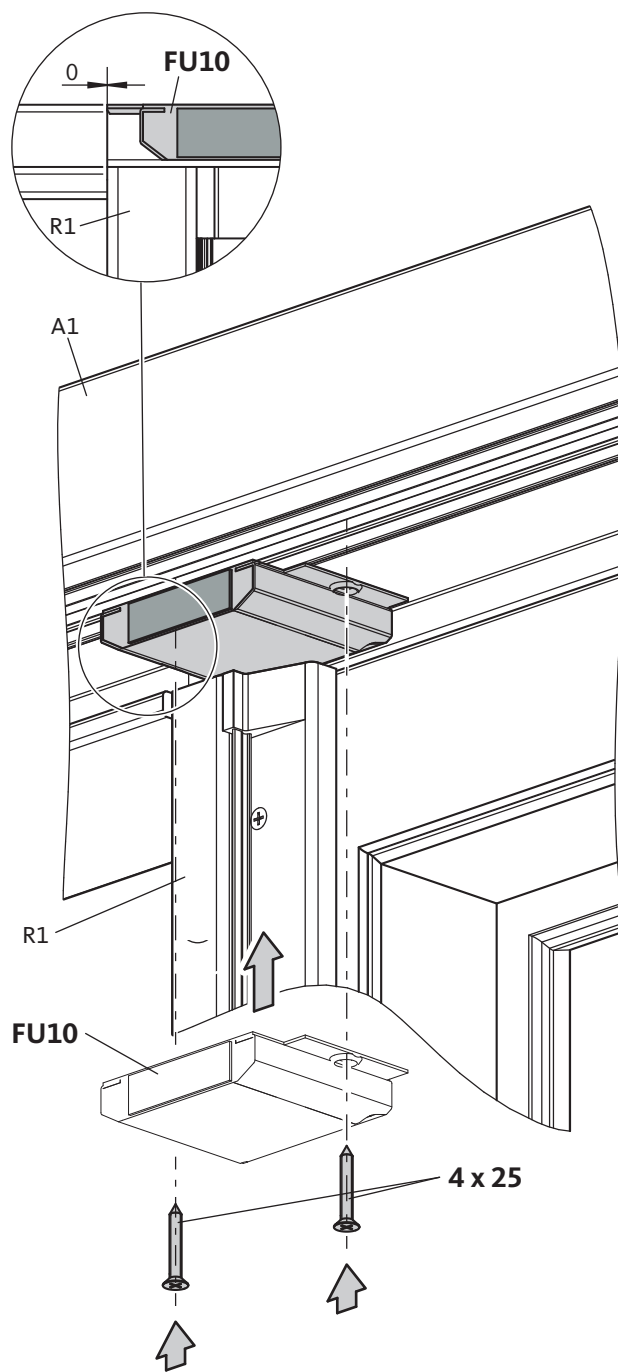
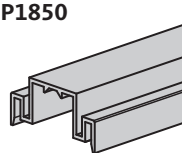


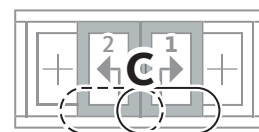
13

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P1850



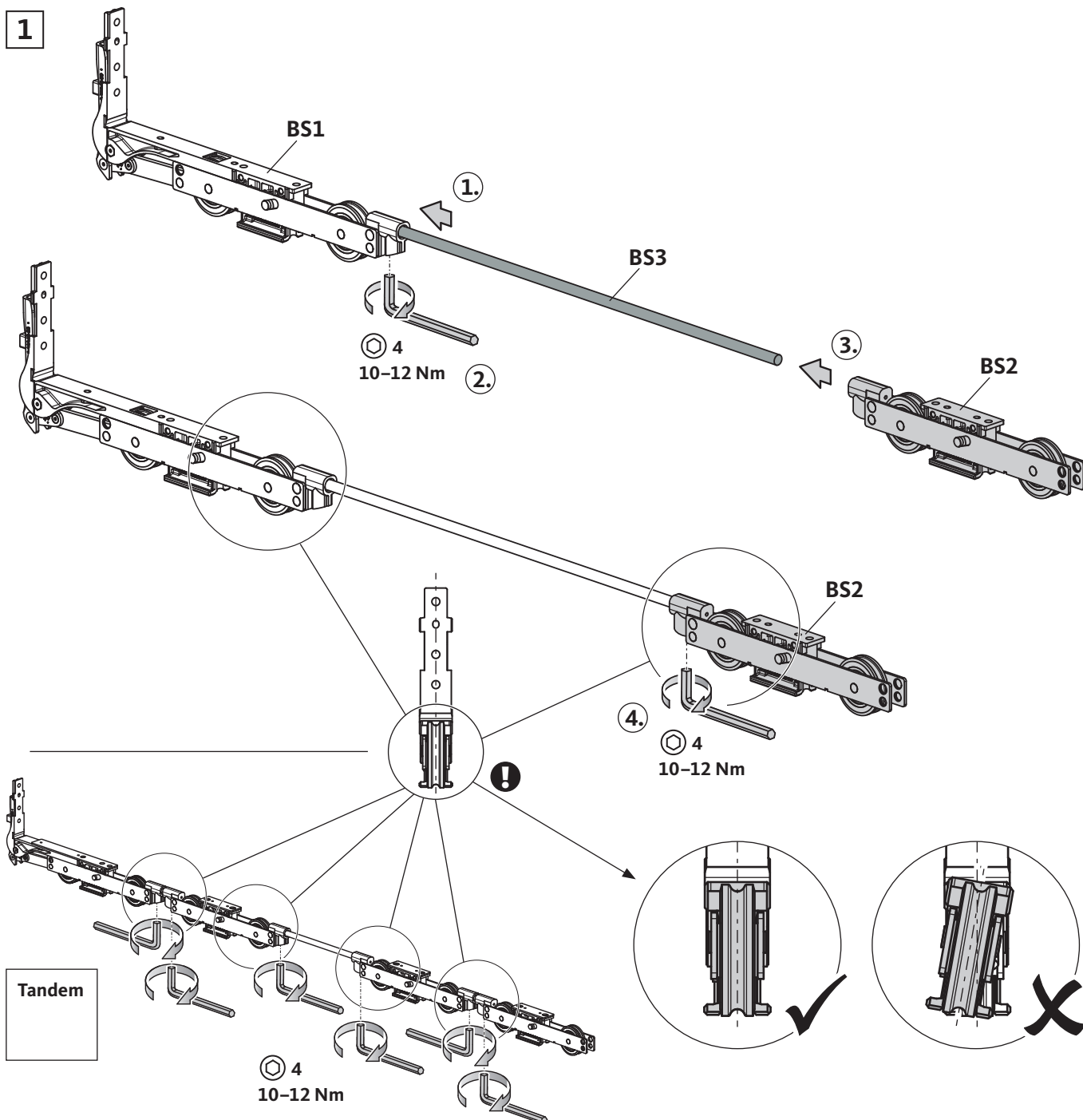


3.4 Installing the sliding sash

**BS58 / BS59
HS CleanUnit**



GU-934: 0-48563
GU-937: 0-48570

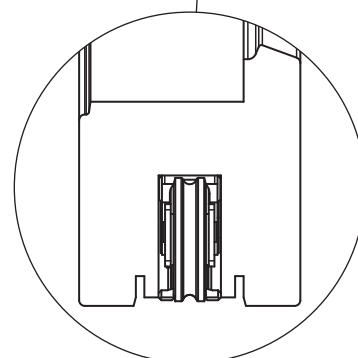
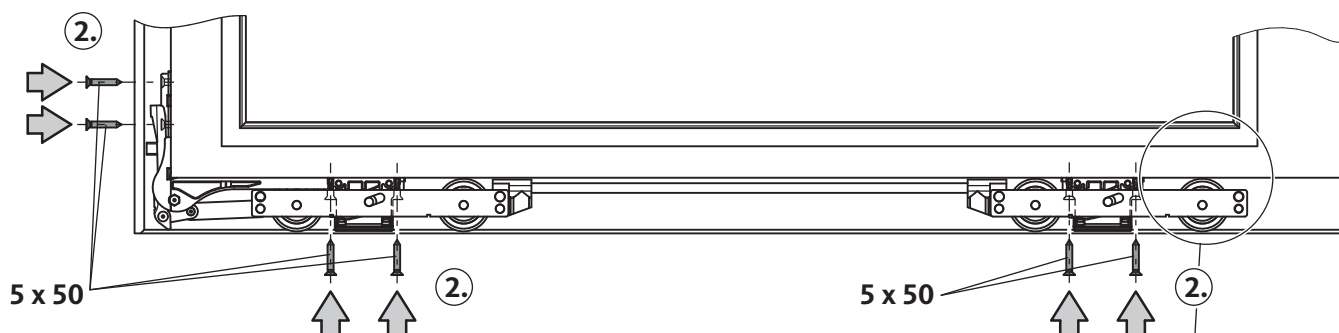
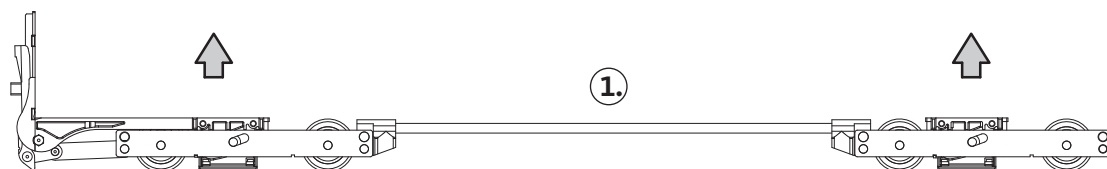
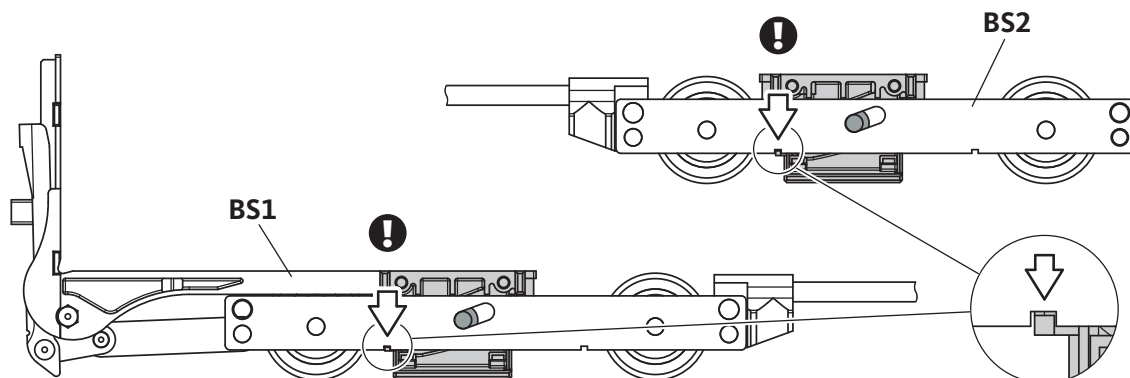
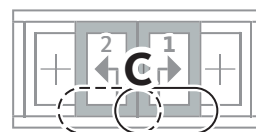


GU-934 | GU-937

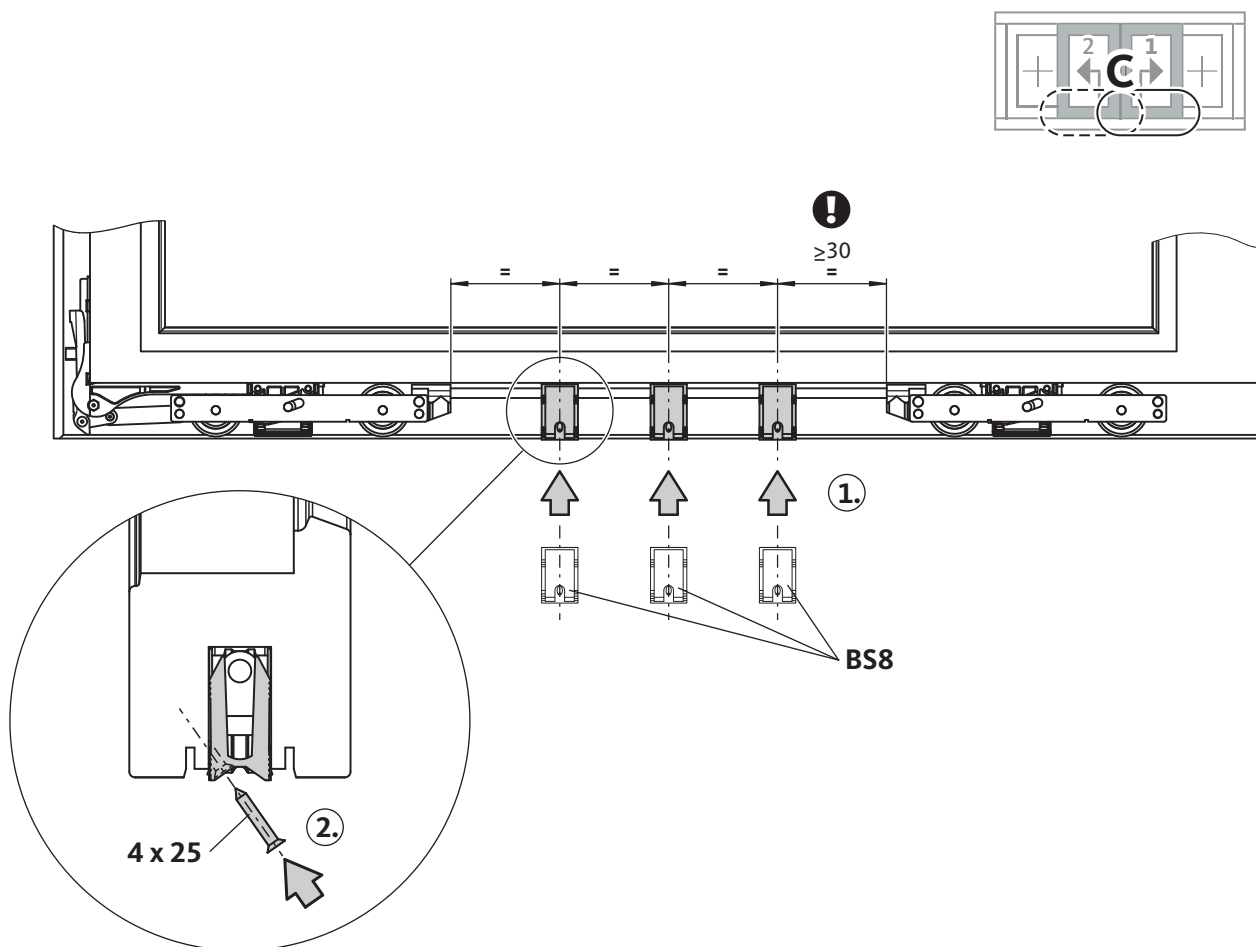
Lift&Slide hardware for timber elements - pattern C

GU

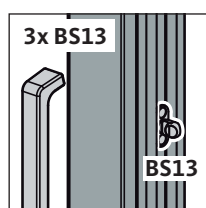
2



3



4



Option
(3x BS13)

BS4

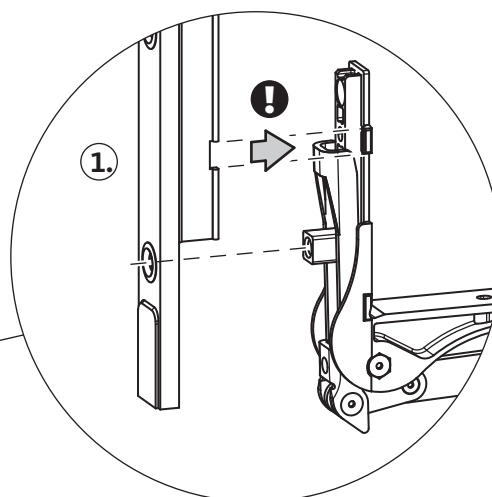
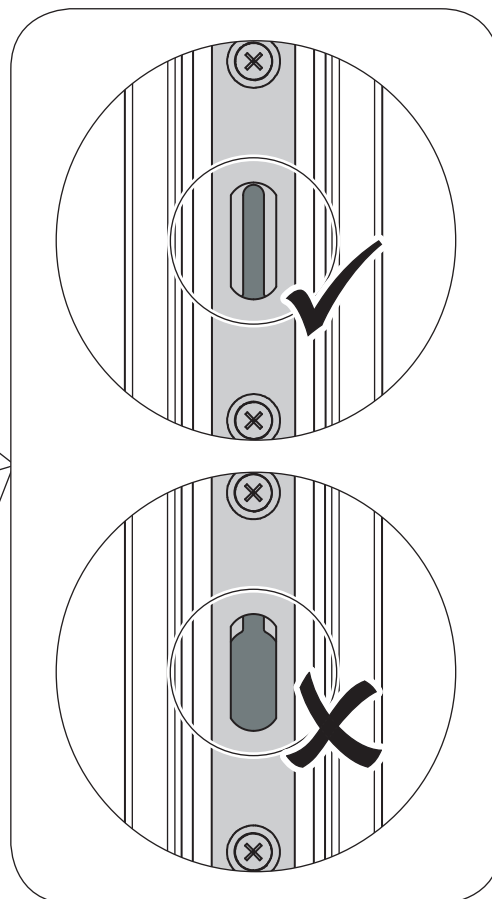
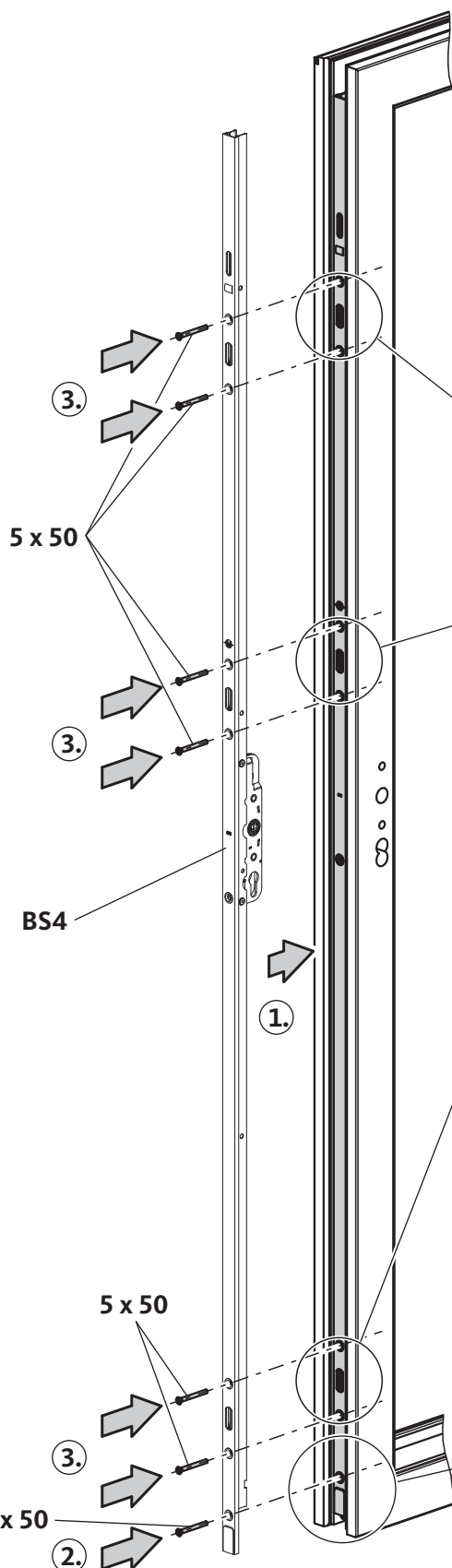
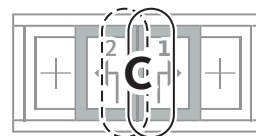
BS4

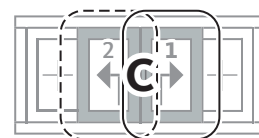
GU-934 | GU-937

Lift&Slide hardware for timber elements - pattern C

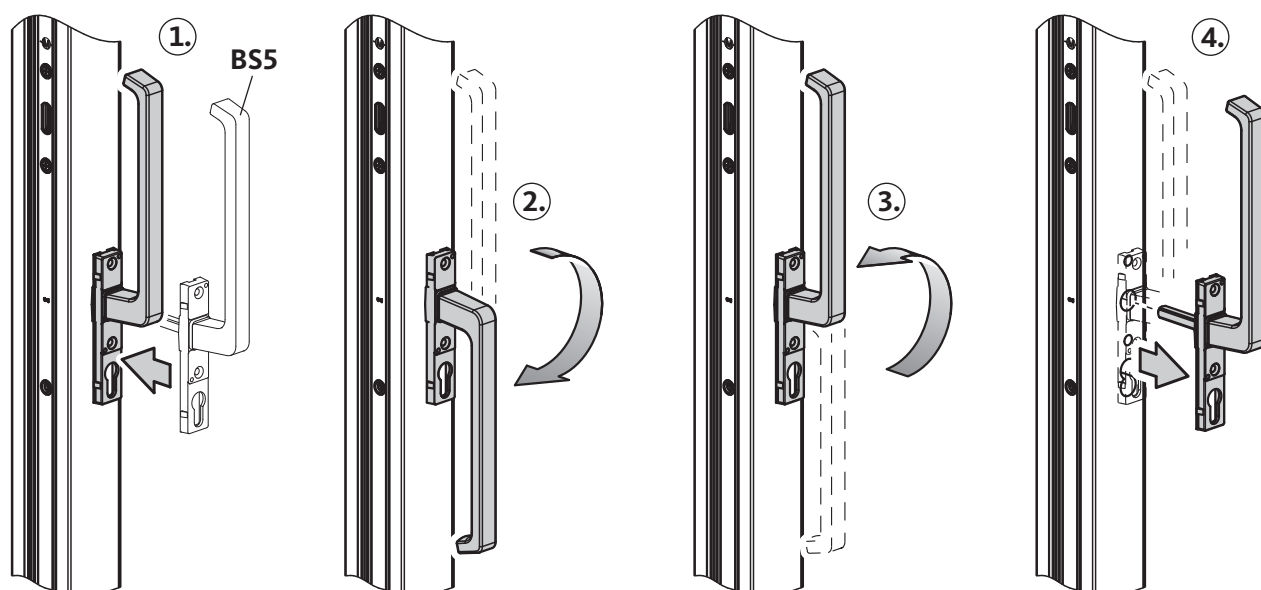
GU

5

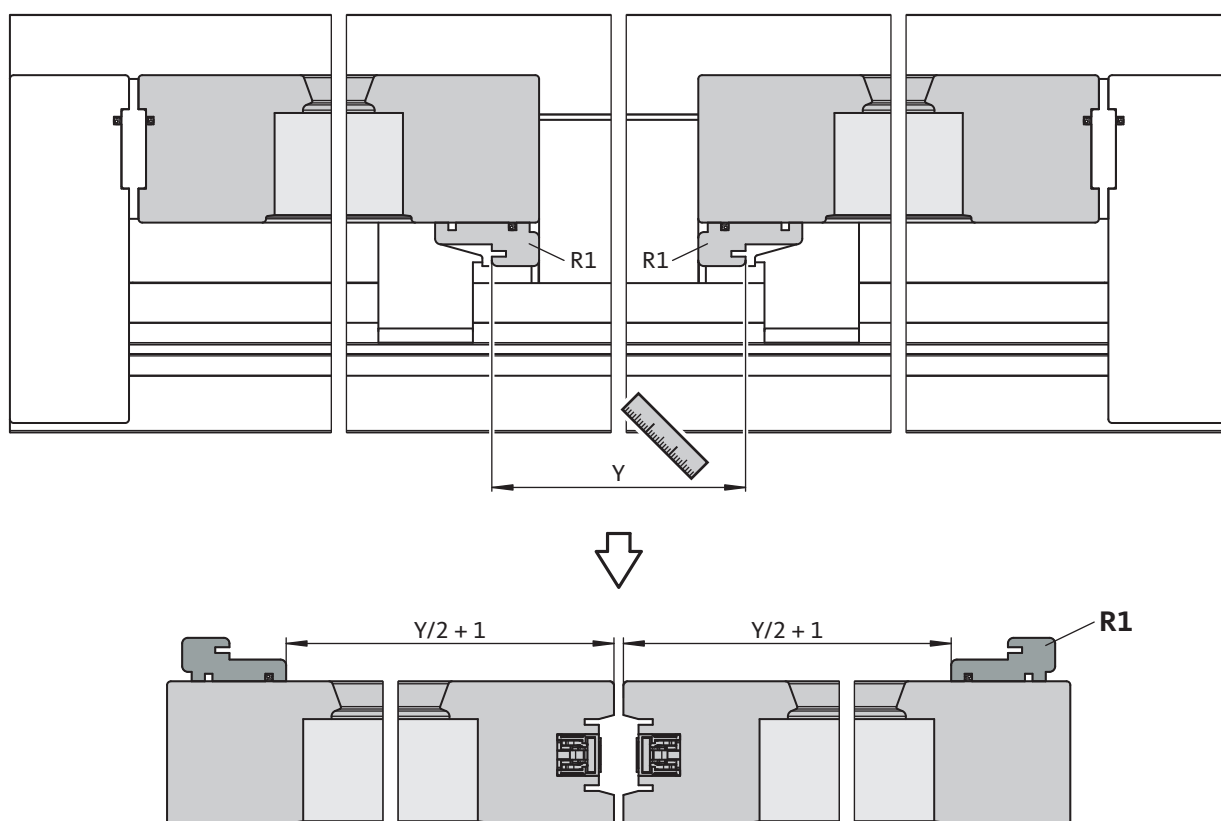




6



7

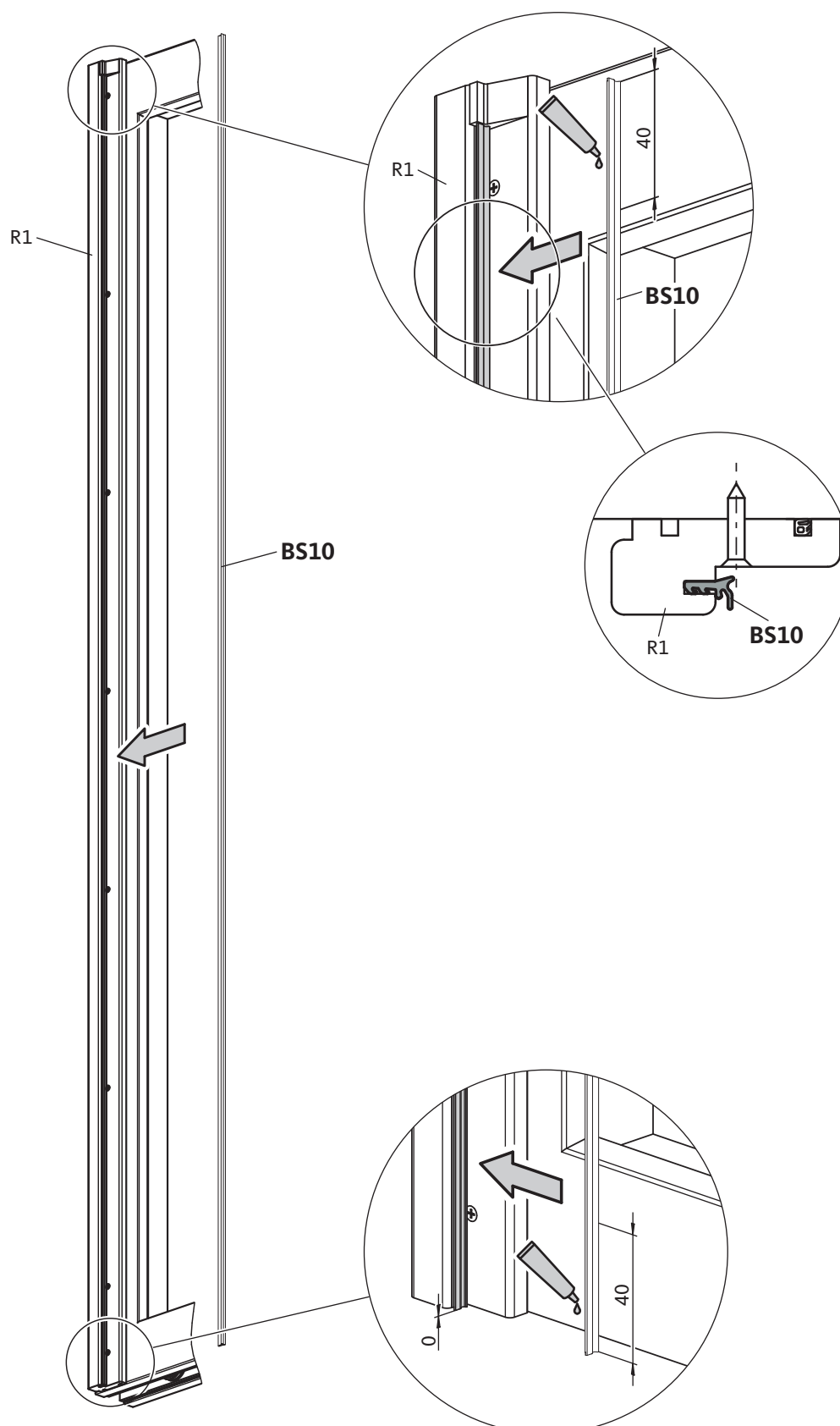


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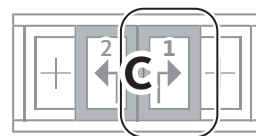
9



GU-934 | GU-937

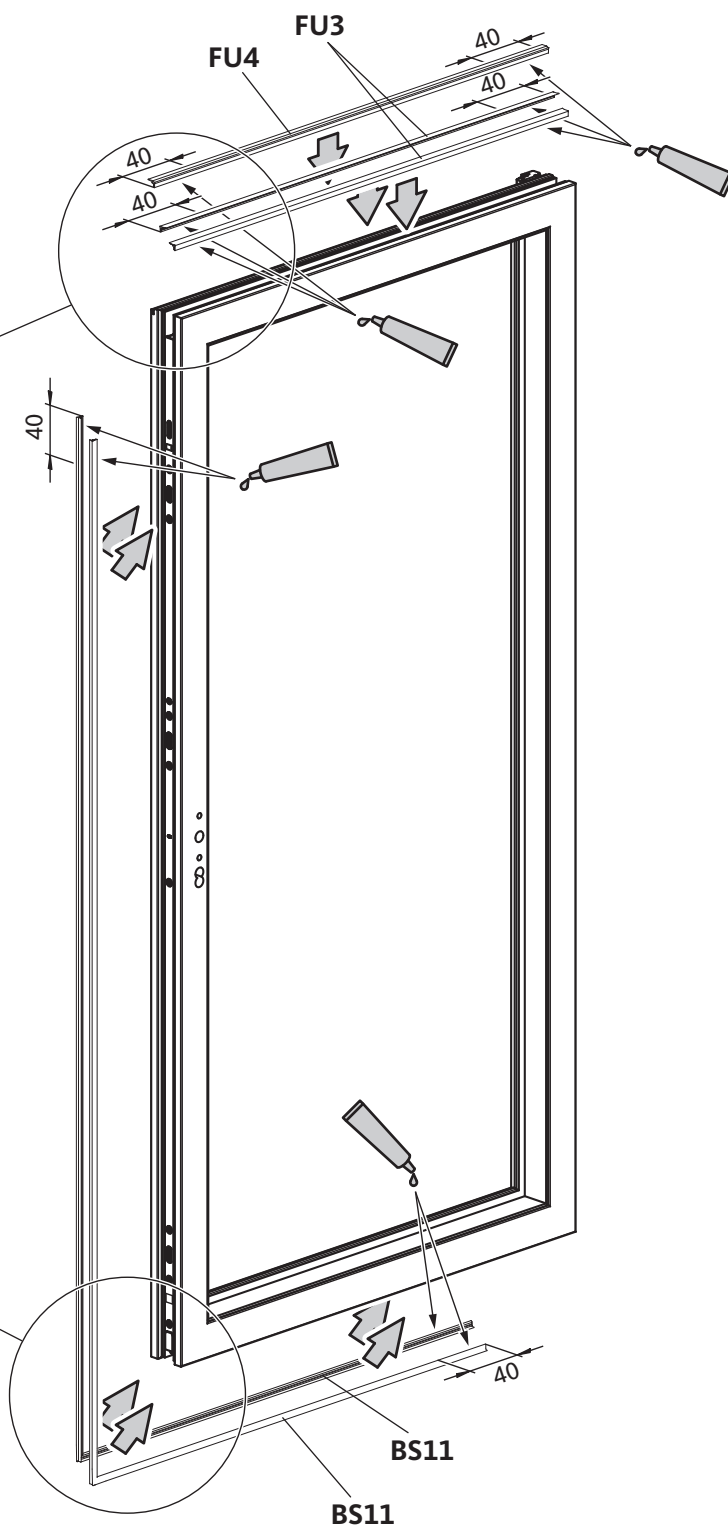
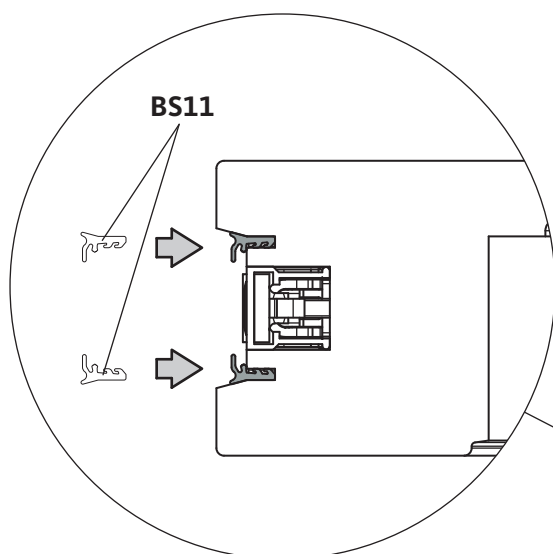
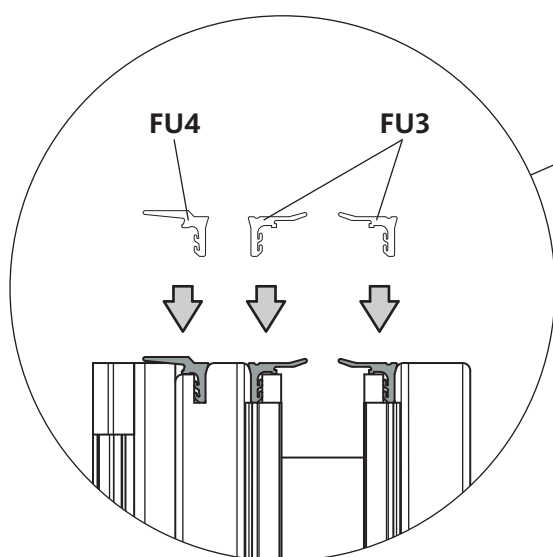
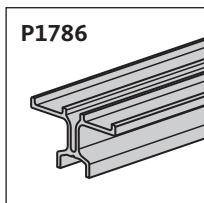
Lift&Slide hardware for timber elements - pattern C

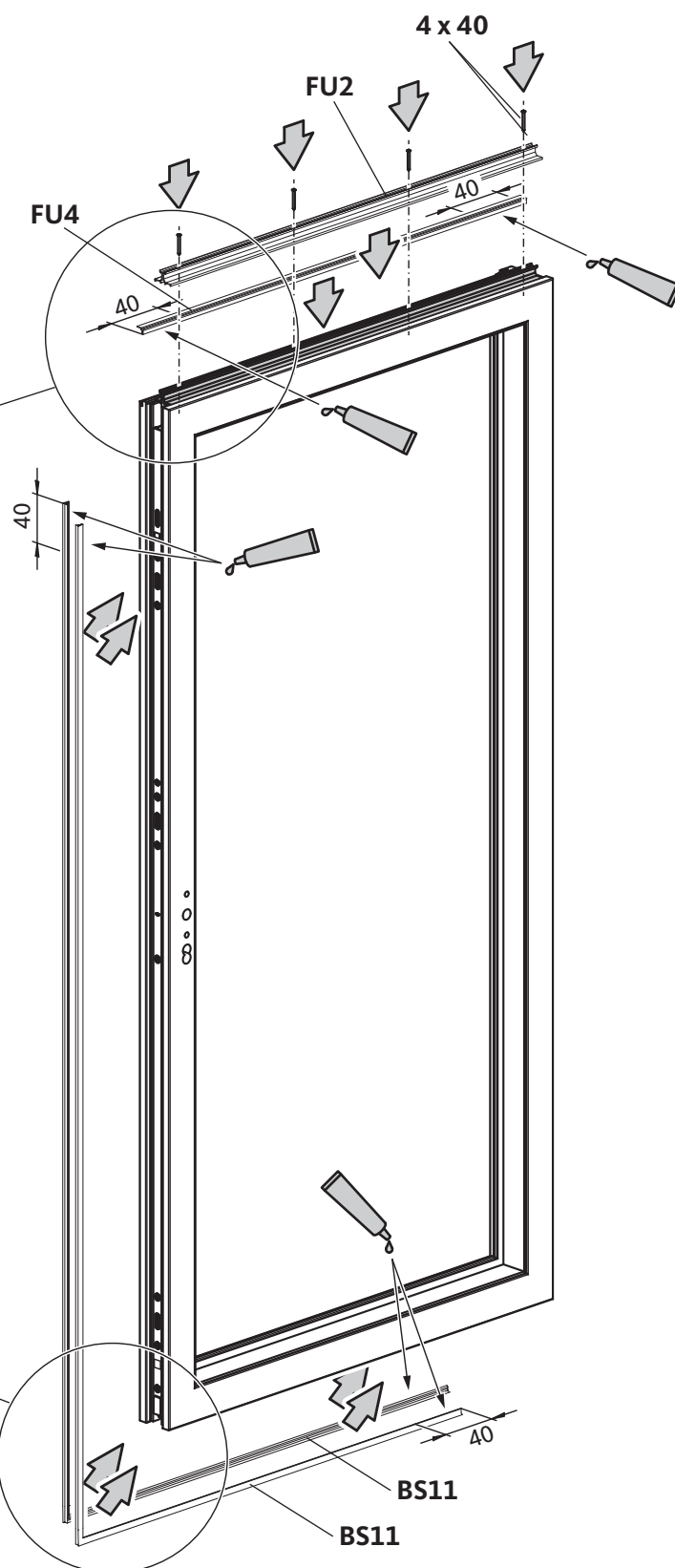
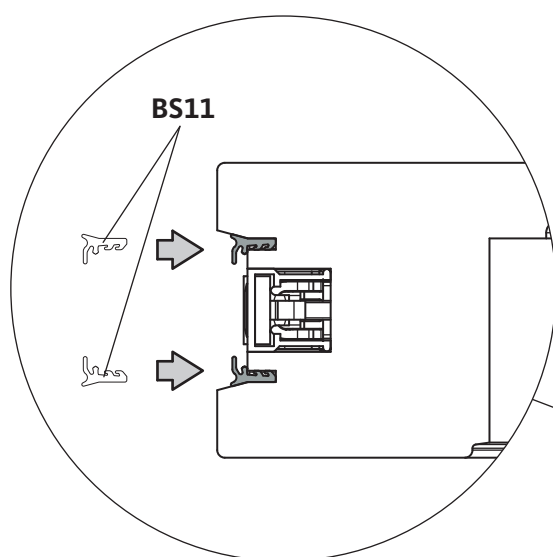
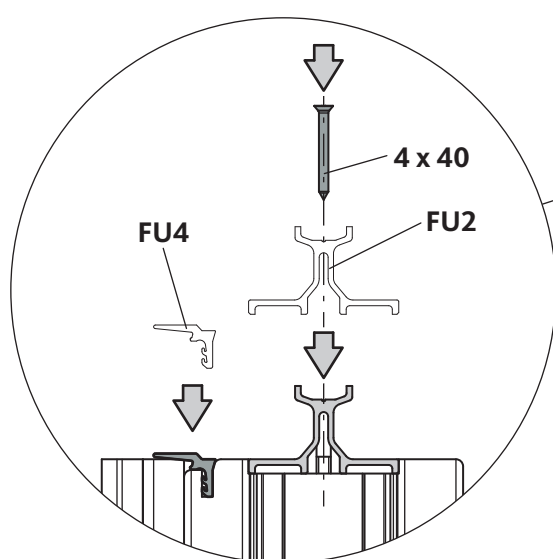
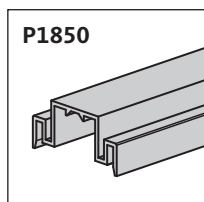
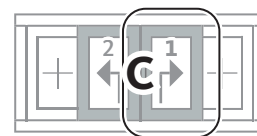
GU



10

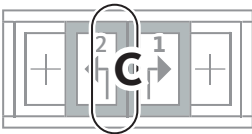
P1786



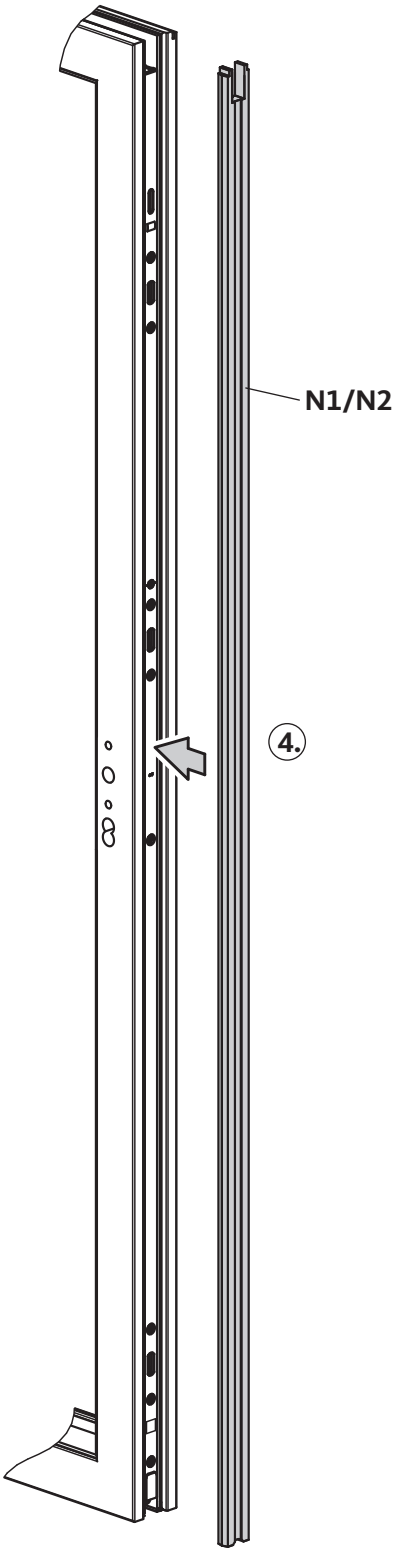
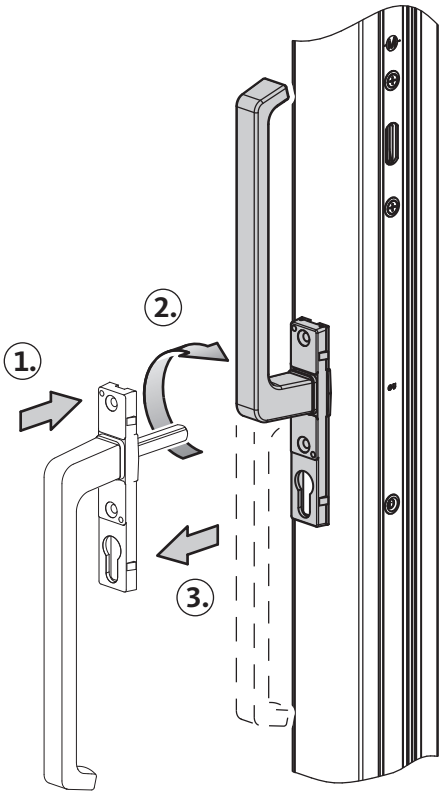


GU-934 | GU-937

Lift&Slide hardware for timber elements - pattern C



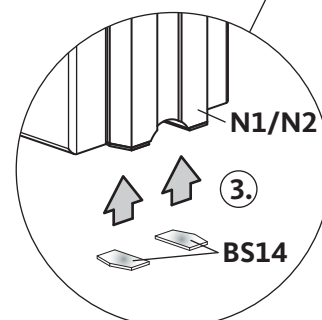
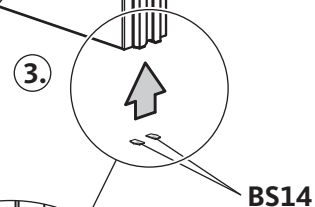
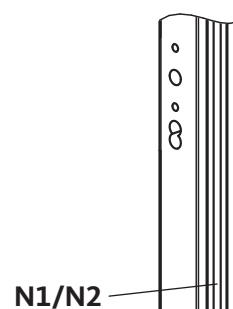
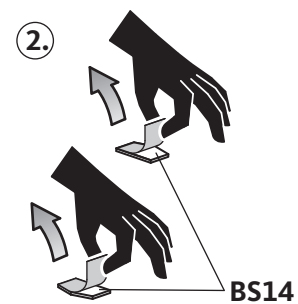
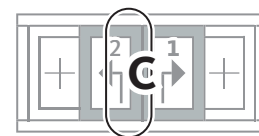
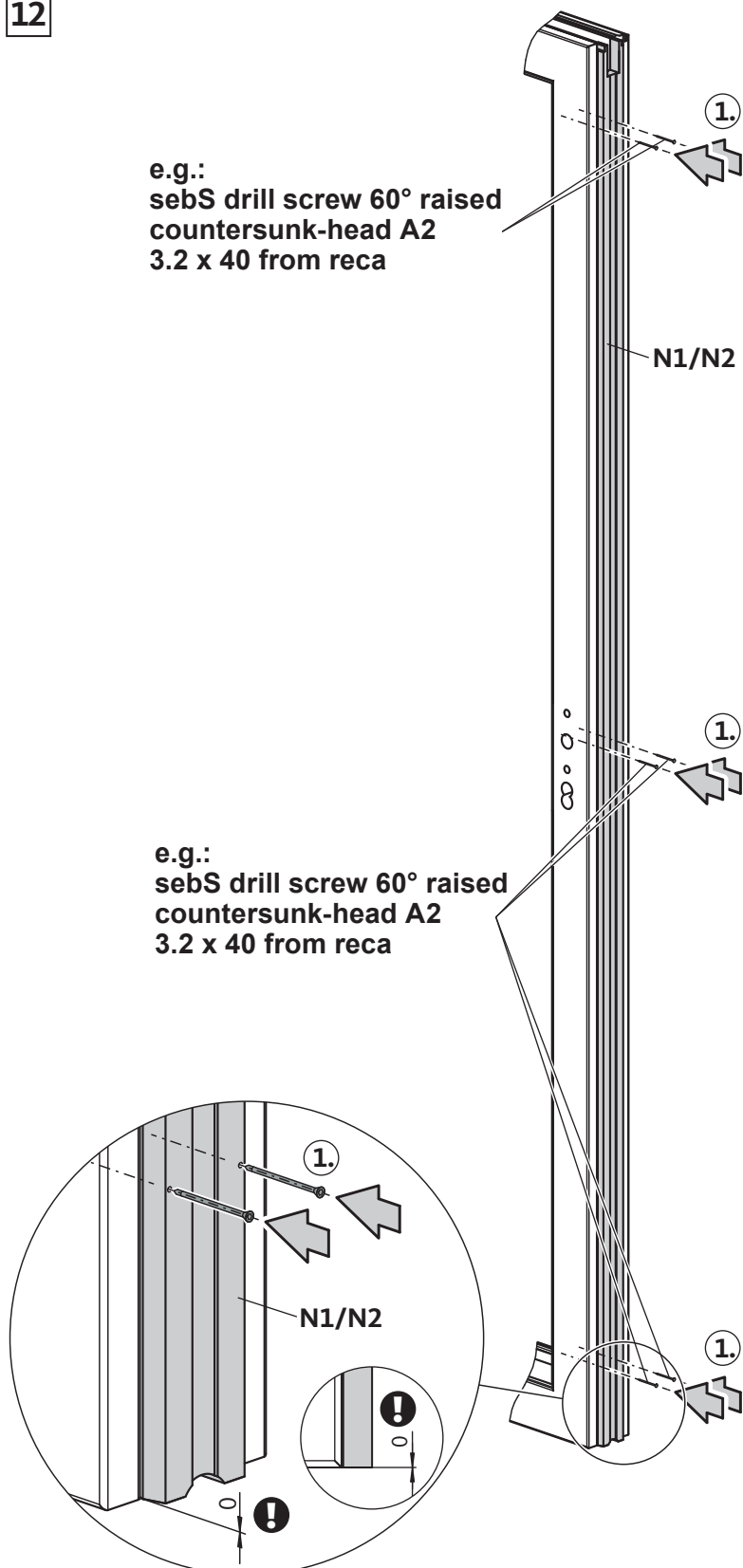
11



12

e.g.:
sebS drill screw 60° raised
countersunk-head A2
3.2 x 40 from reca

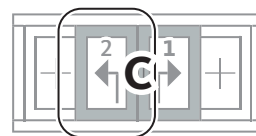
e.g.:
sebS drill screw 60° raised
countersunk-head A2
3.2 x 40 from reca



GU-934 | GU-937

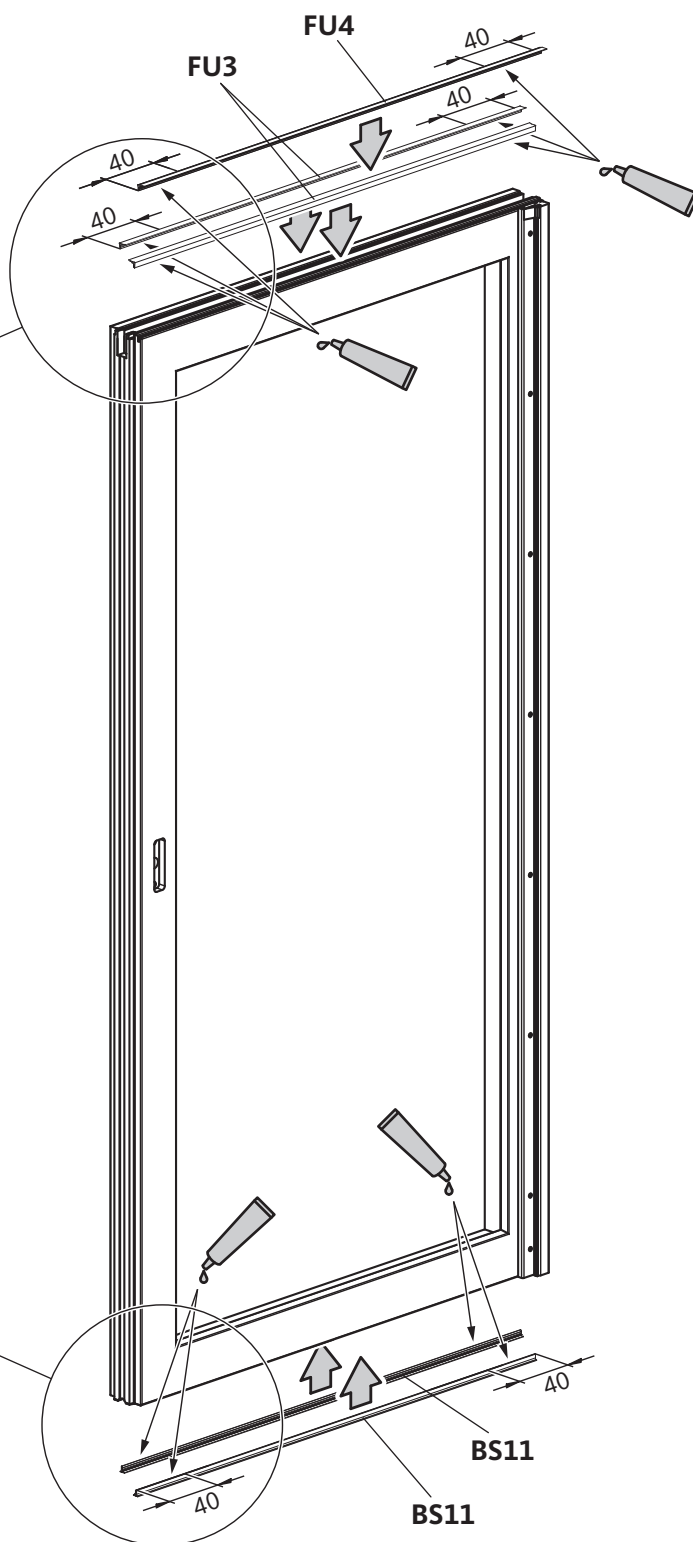
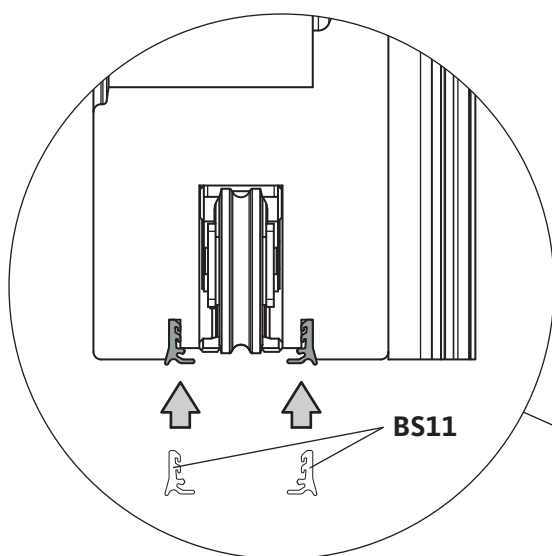
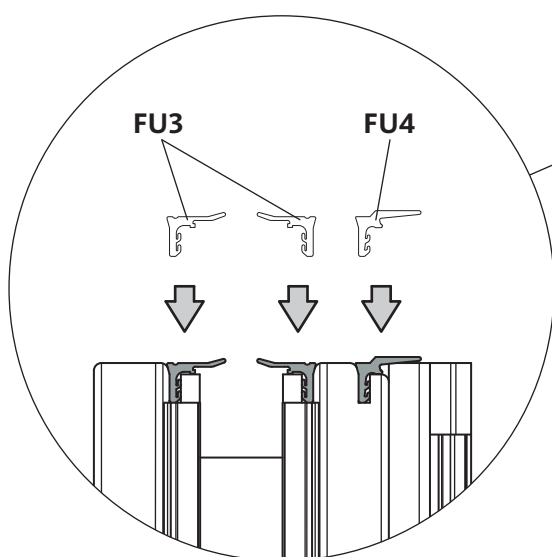
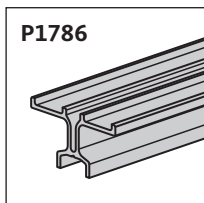
Lift&Slide hardware for timber elements - pattern C

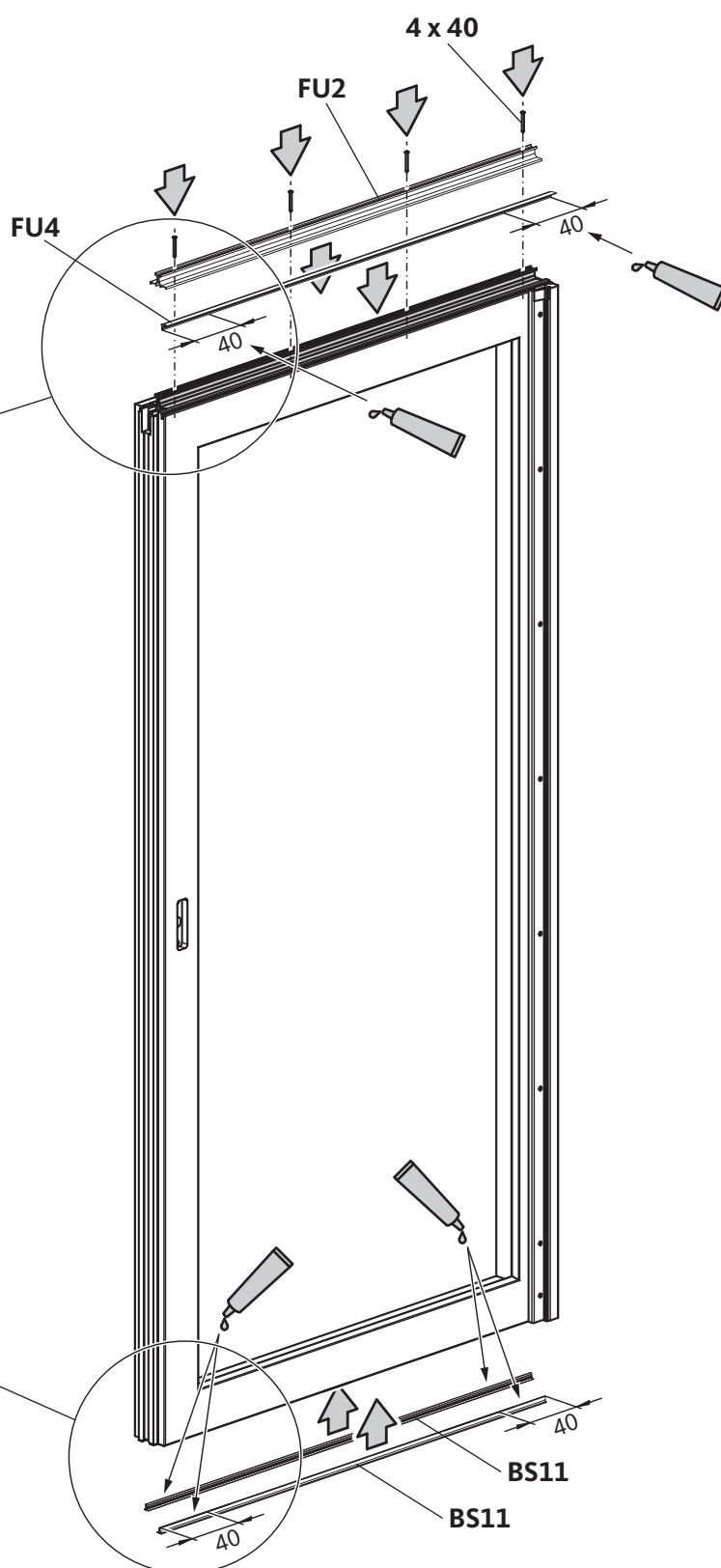
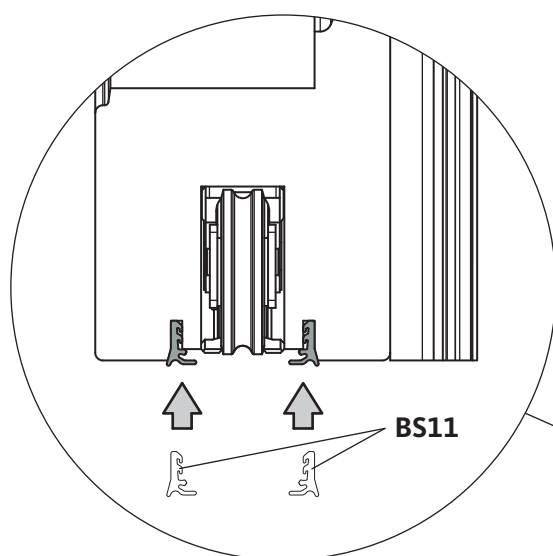
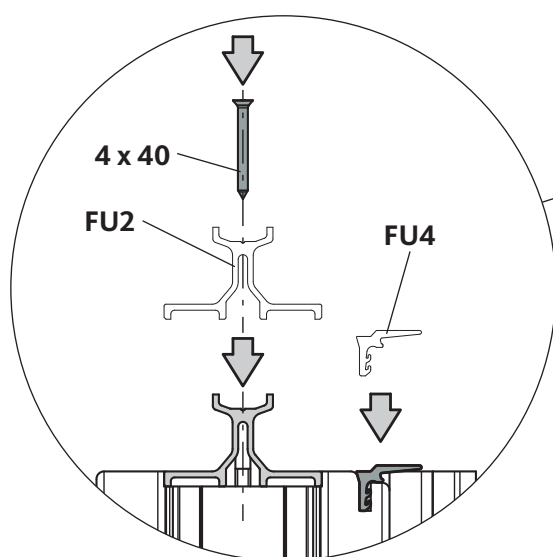
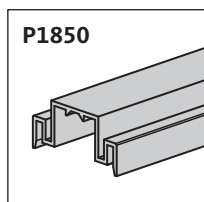
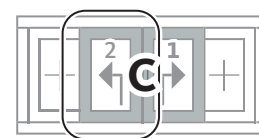
GU



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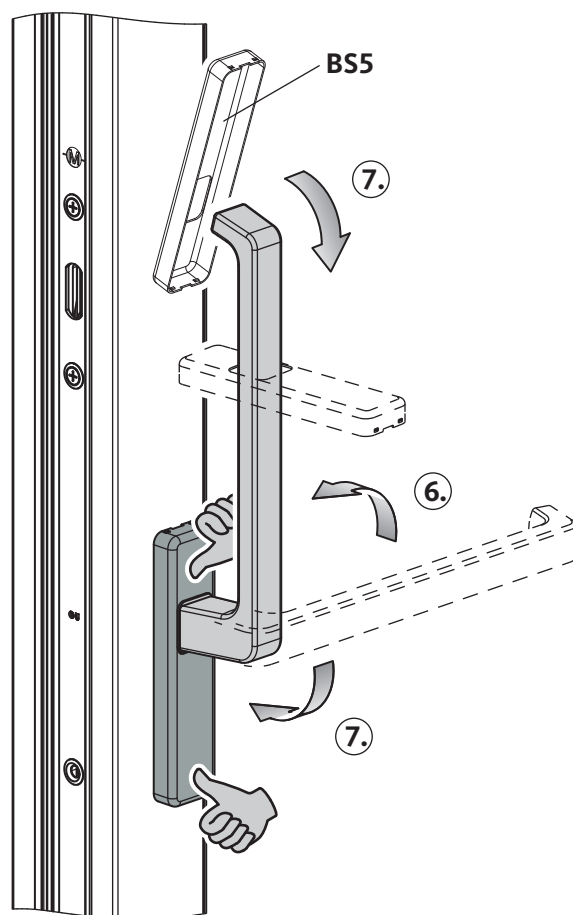
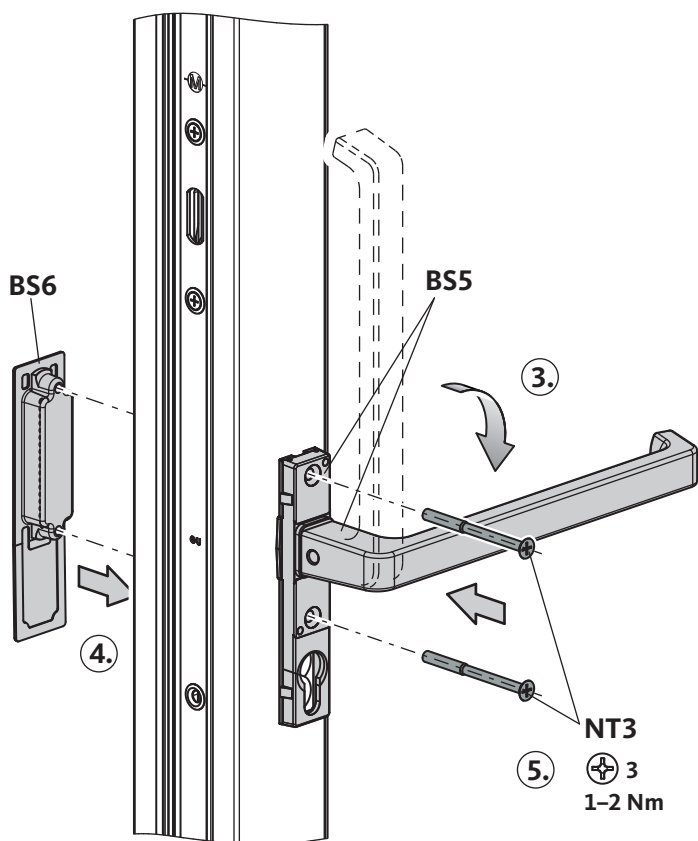
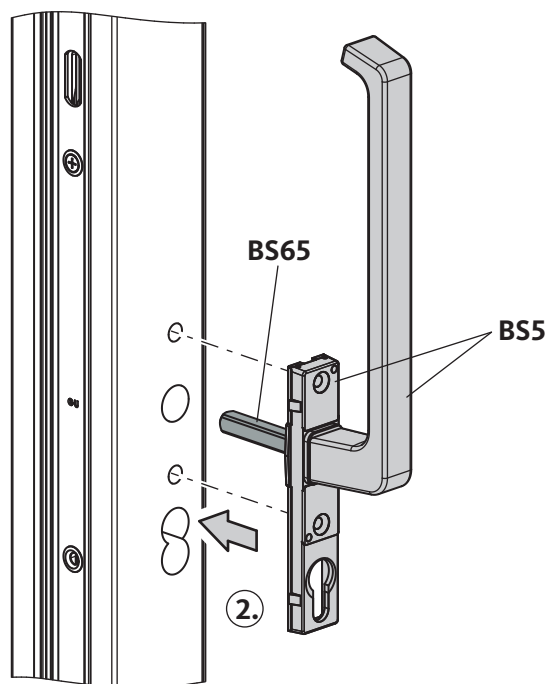
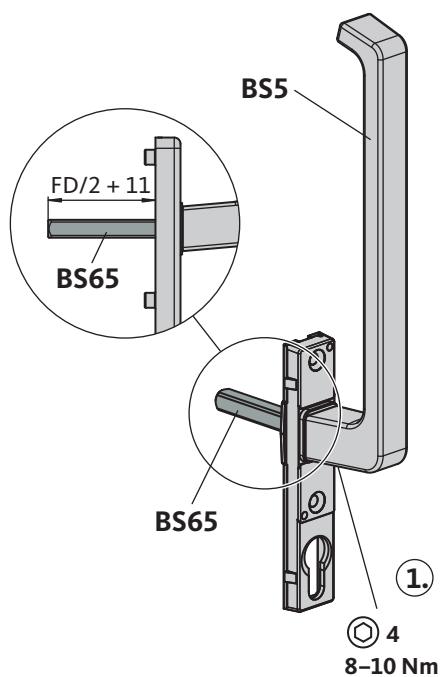
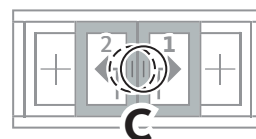


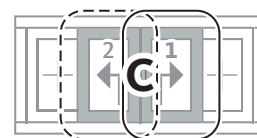
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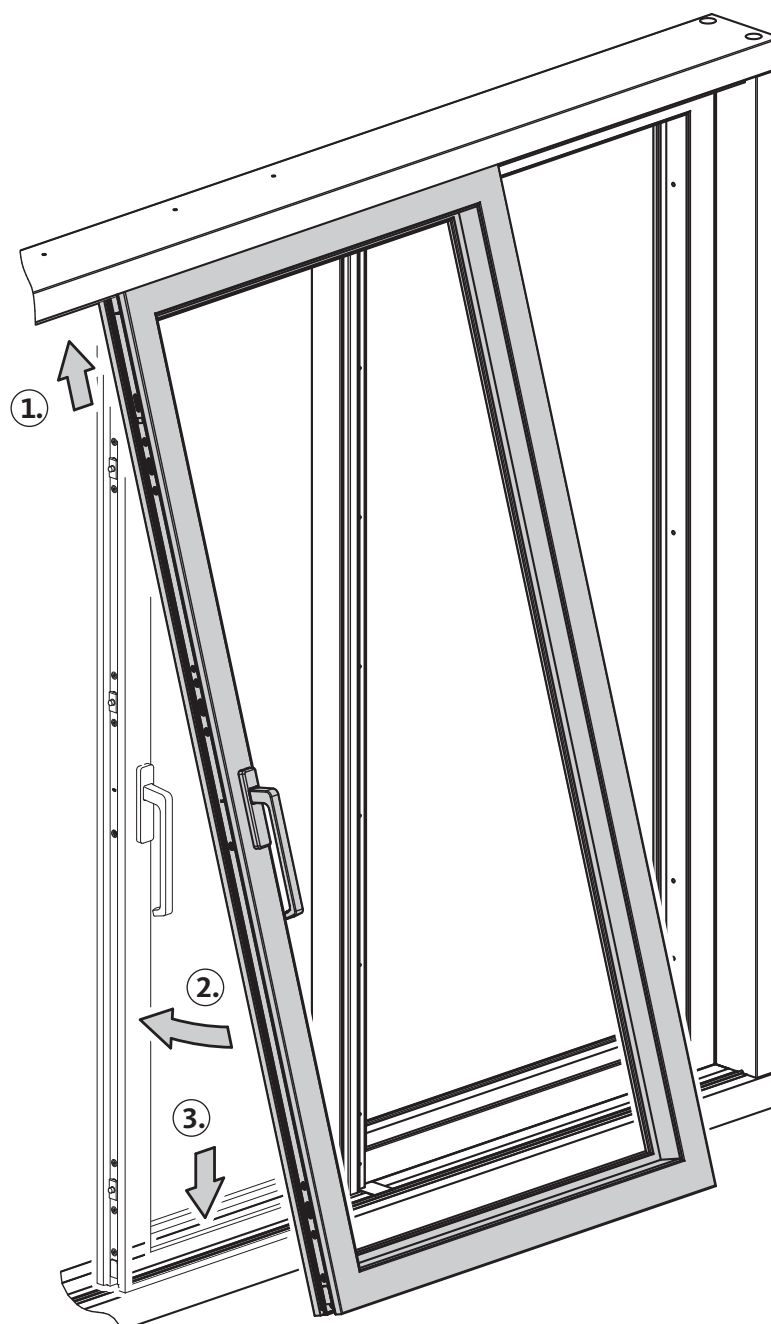
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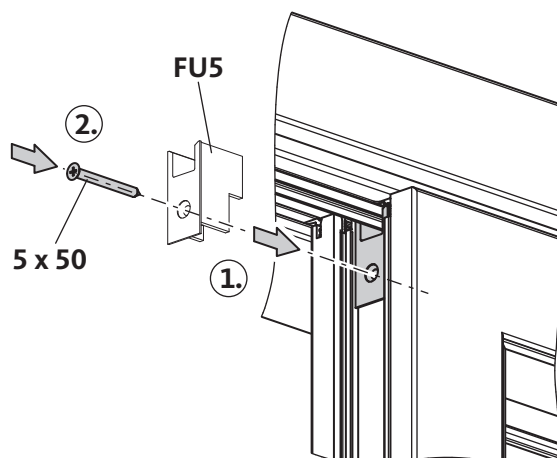
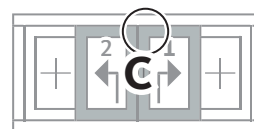


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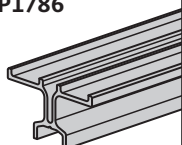
Lift&Slide hardware for timber elements - pattern C

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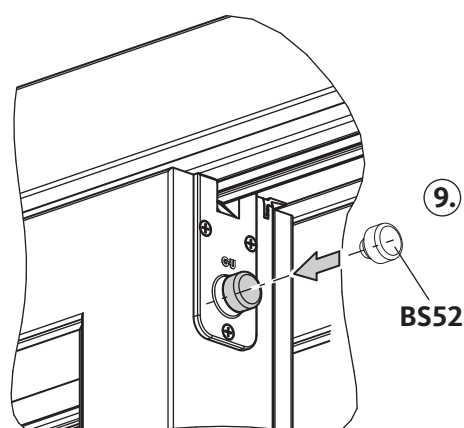
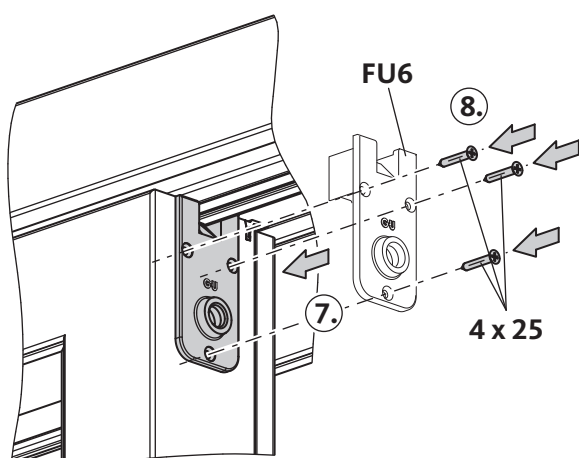
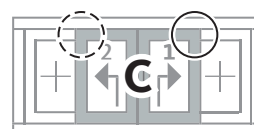
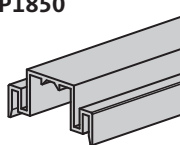
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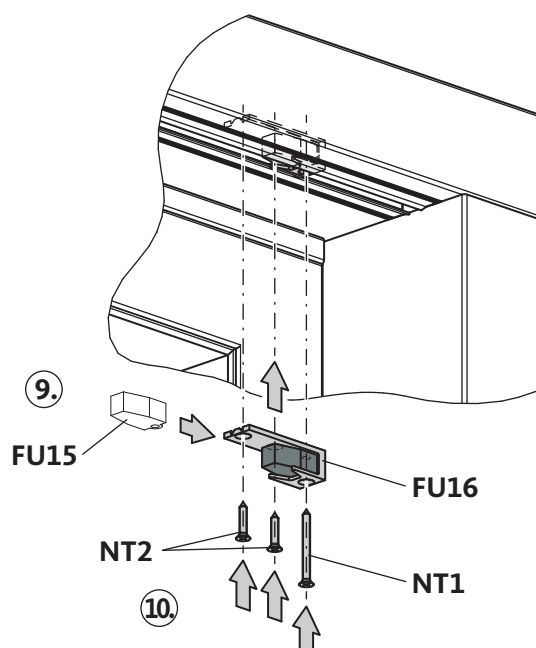
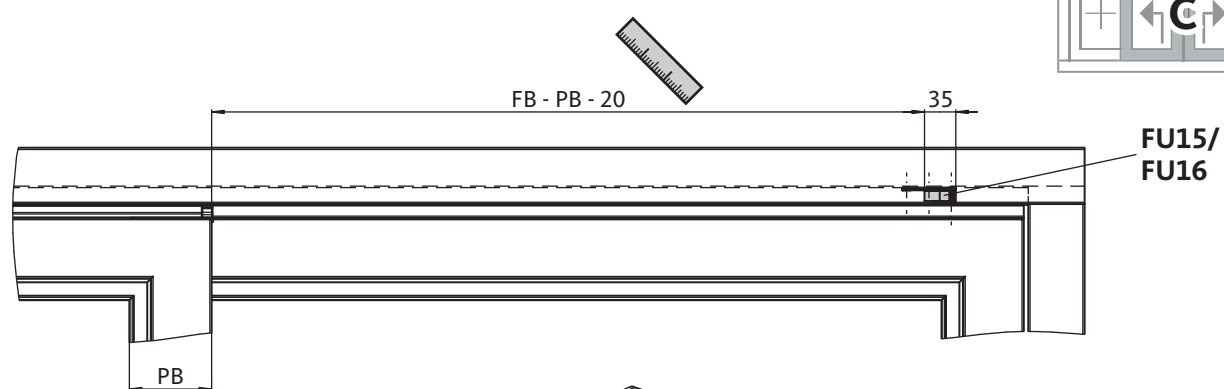
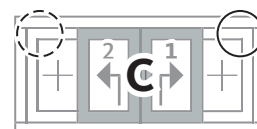
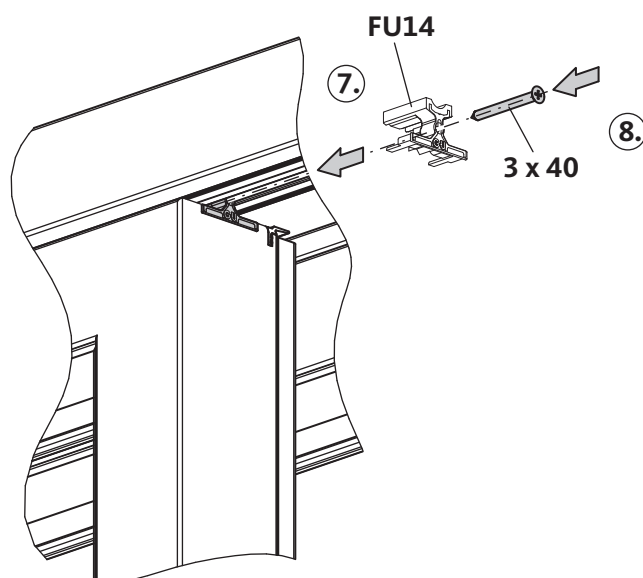
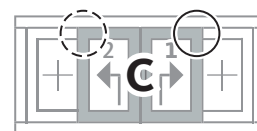
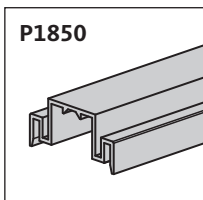


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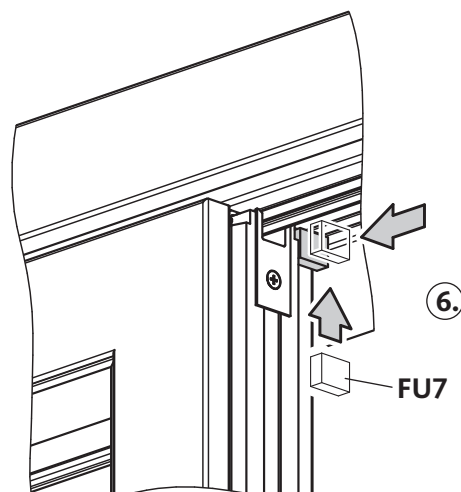
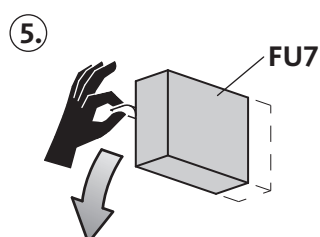
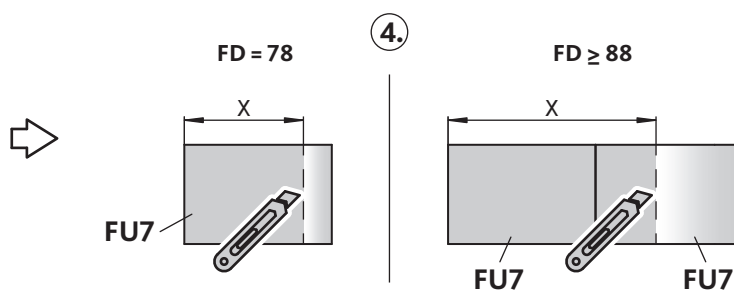
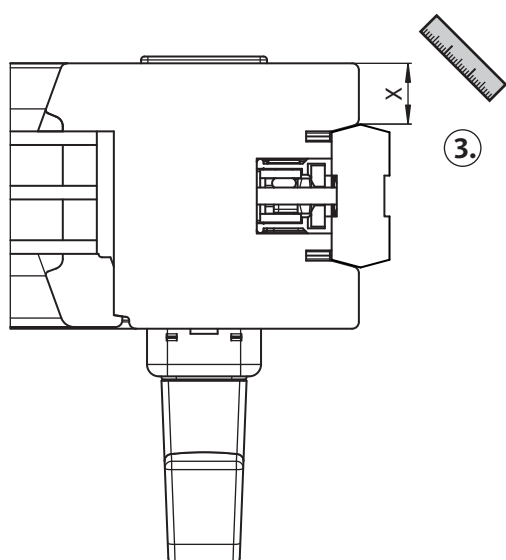
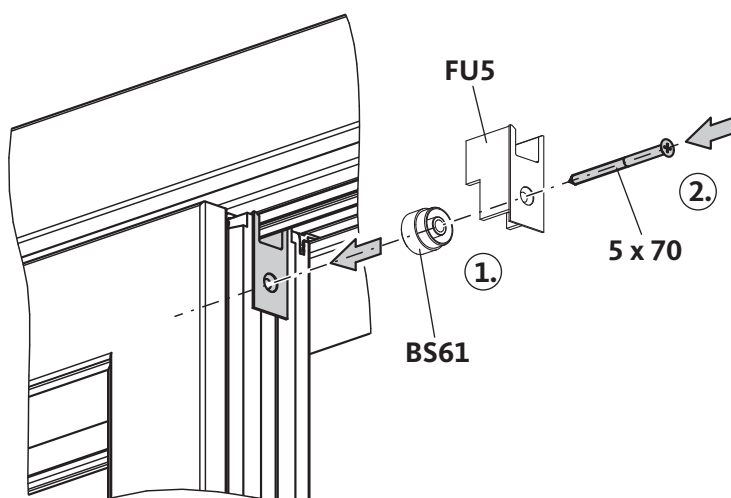
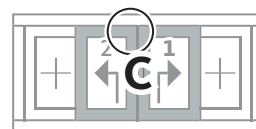


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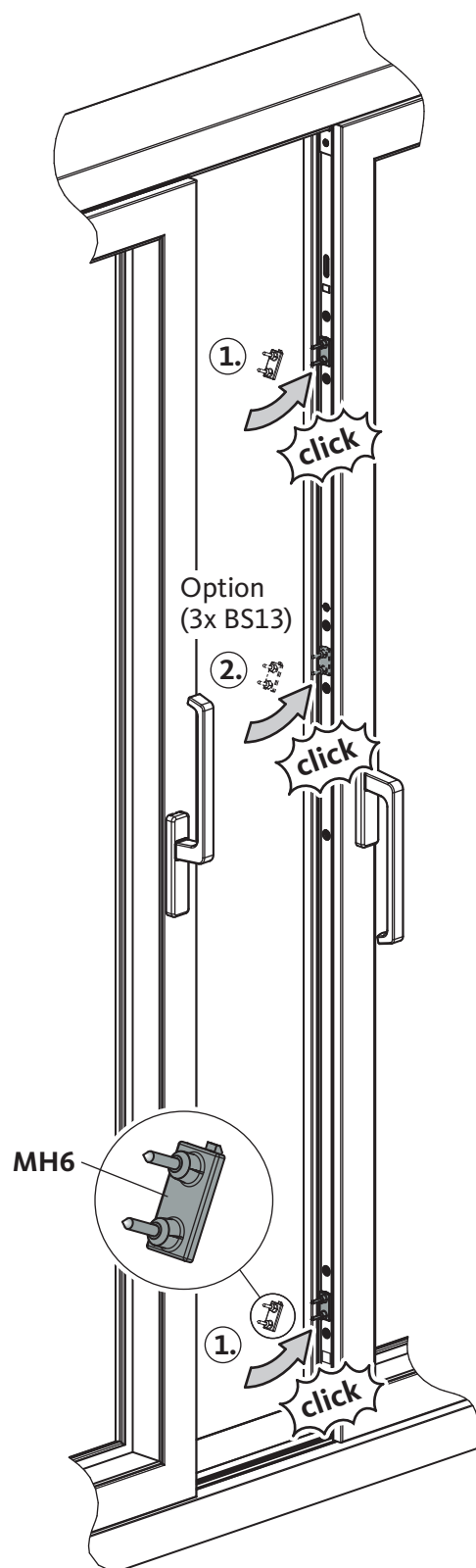
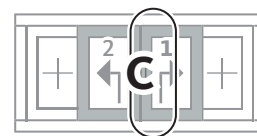
Lift&Slide hardware for timber elements - pattern C

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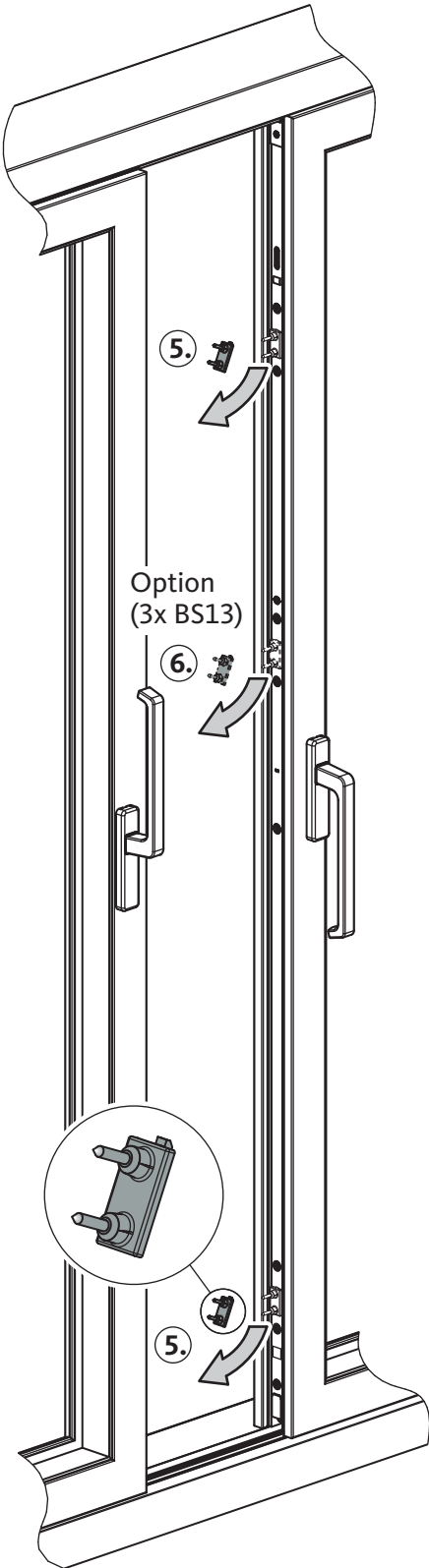
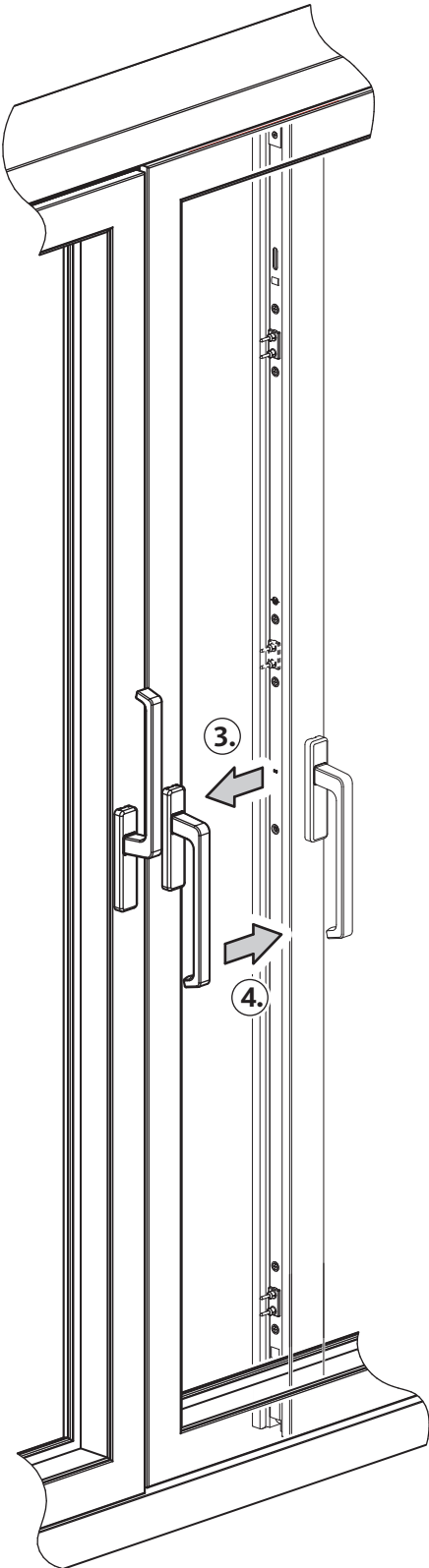
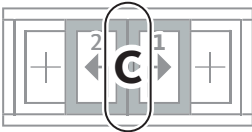


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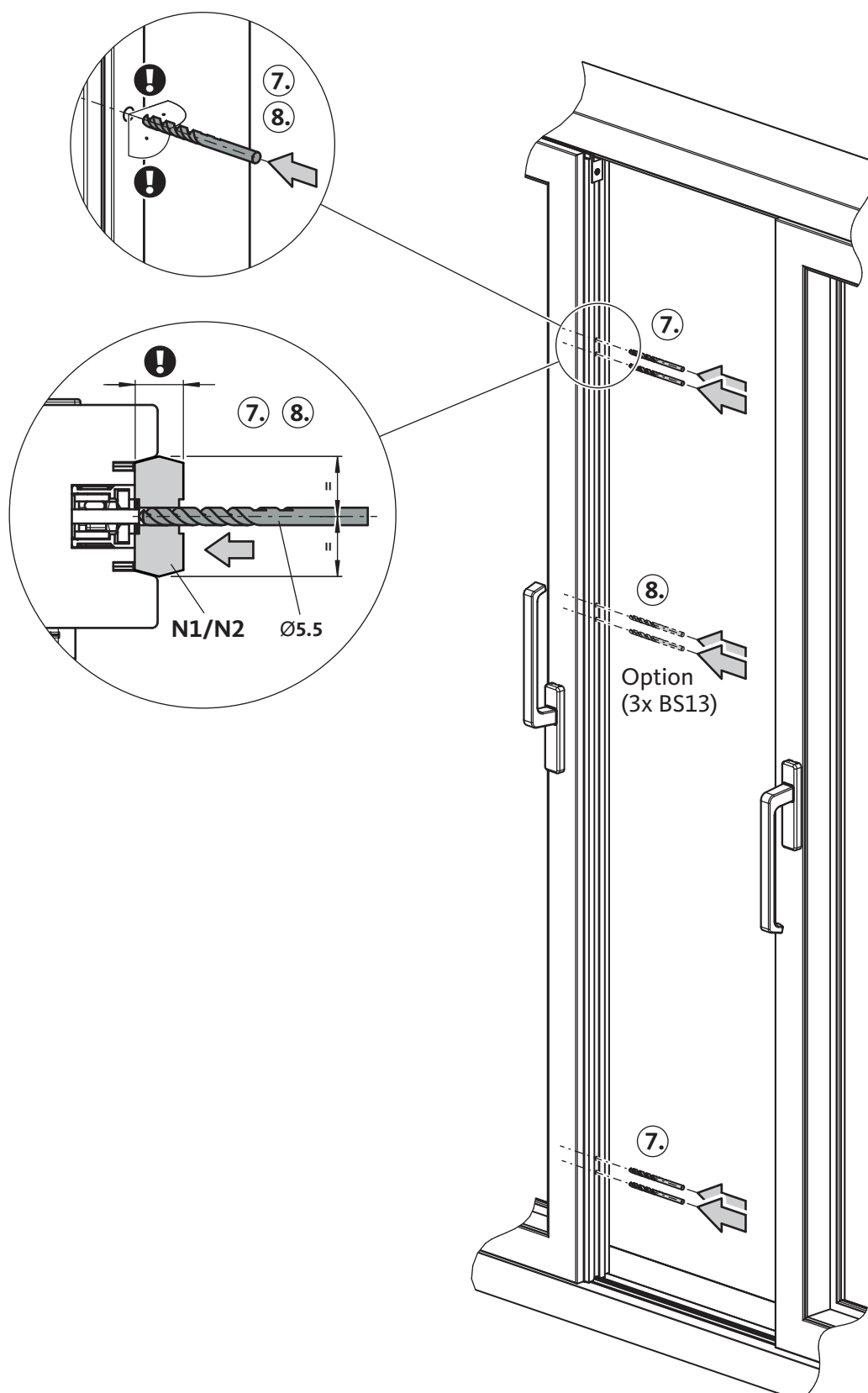
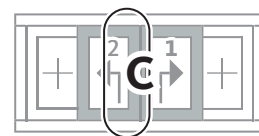


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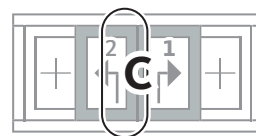


Option
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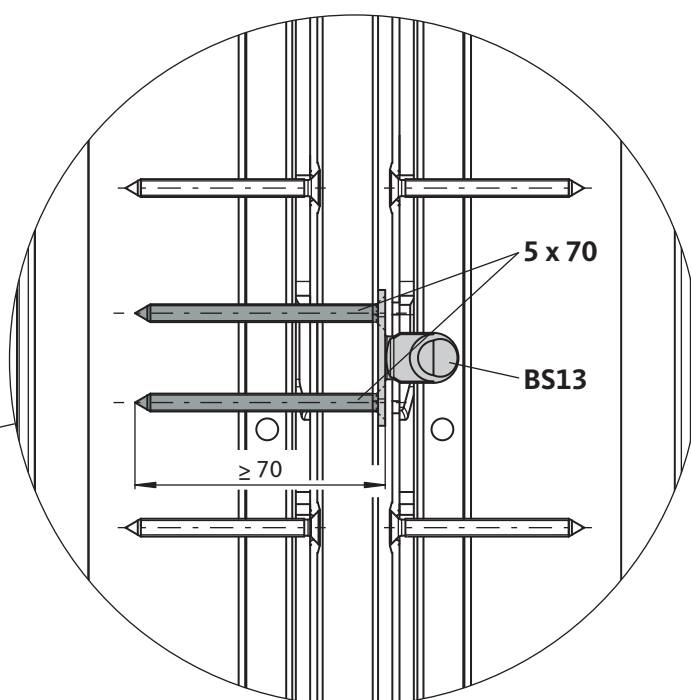
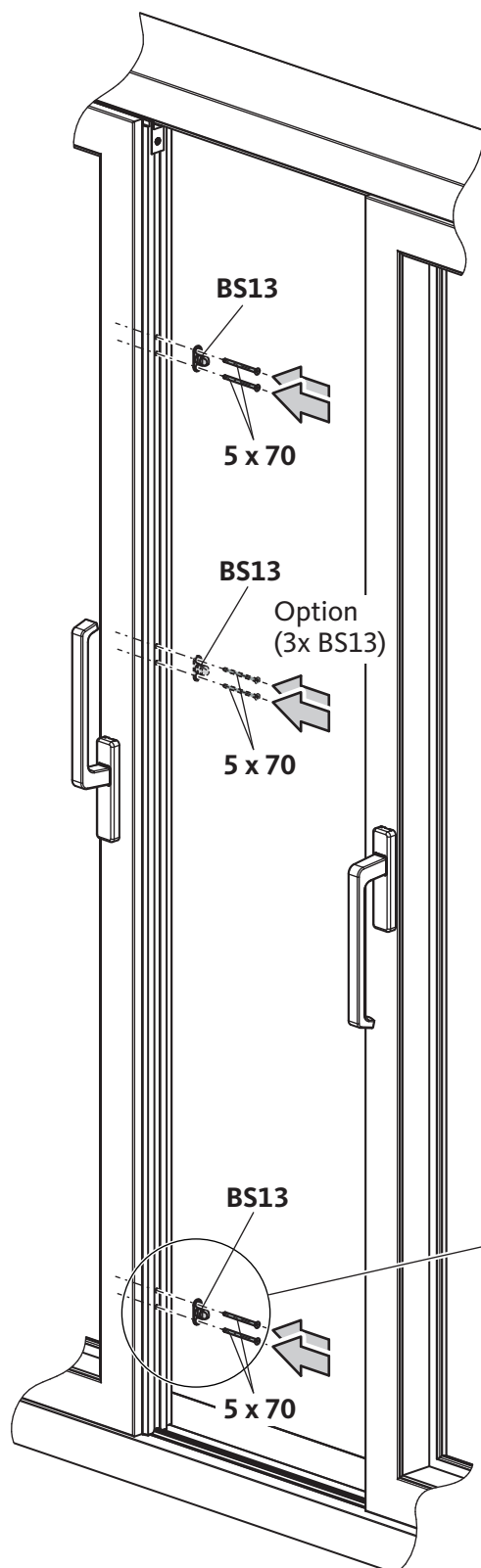


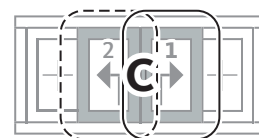
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Lift&Slide hardware for timber elements - pattern C

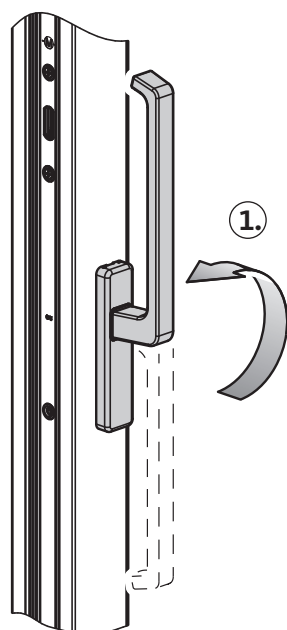


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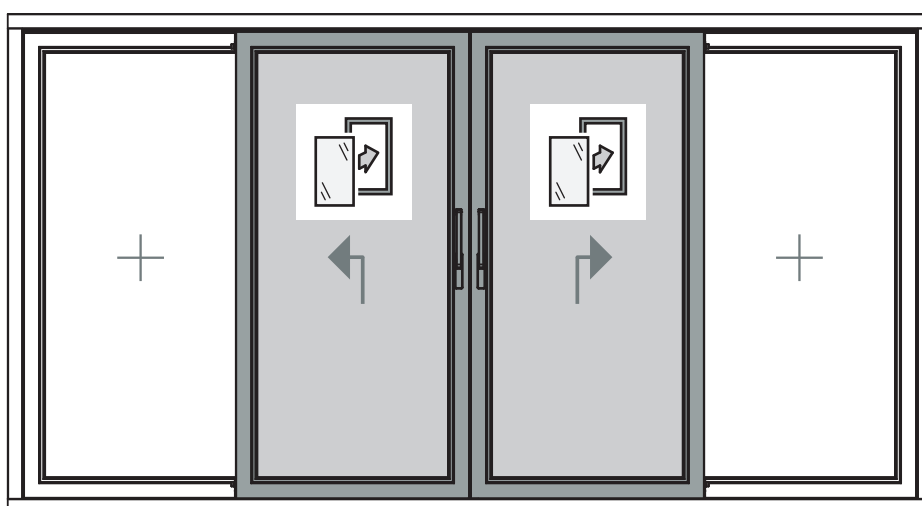




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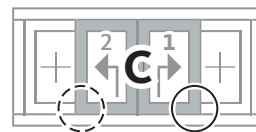
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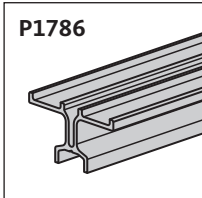
Lift&Slide hardware for timber elements - pattern C

GU

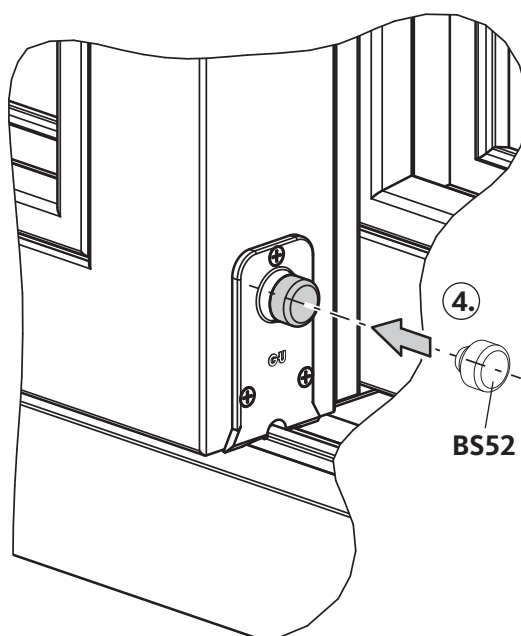
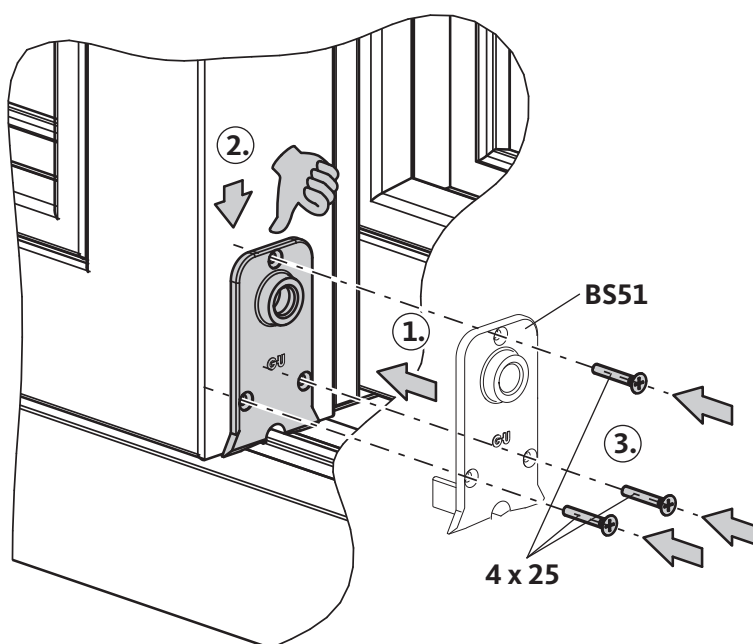
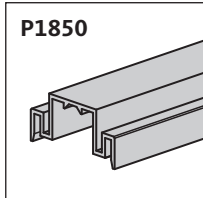


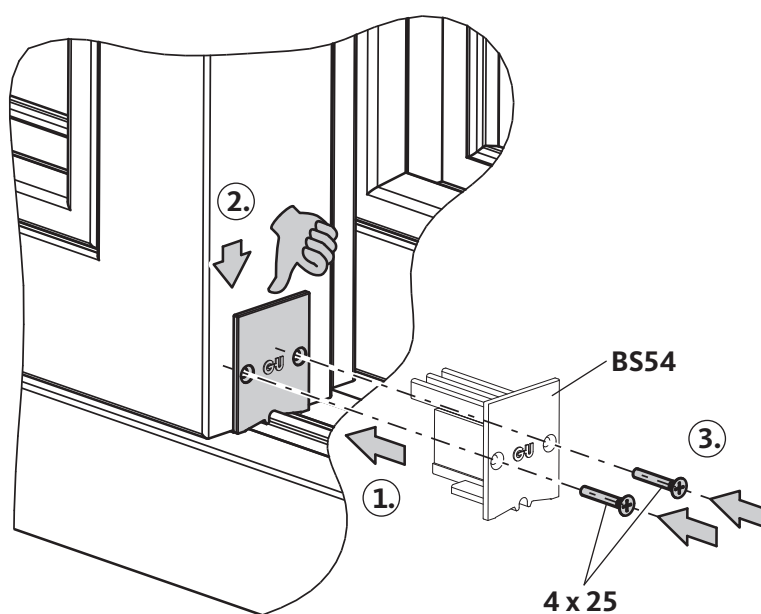
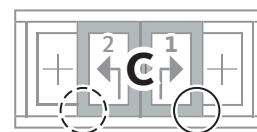
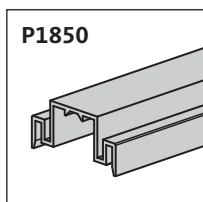
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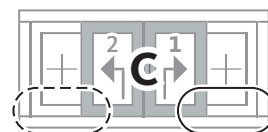
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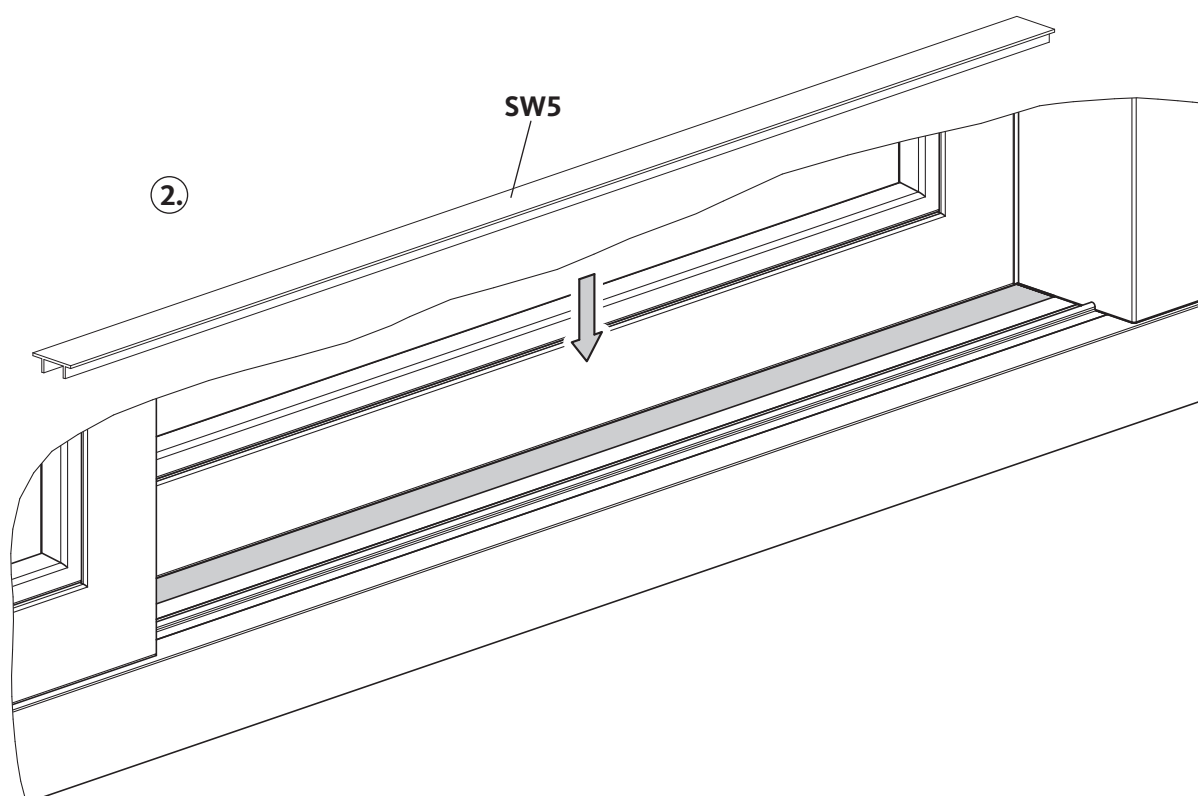
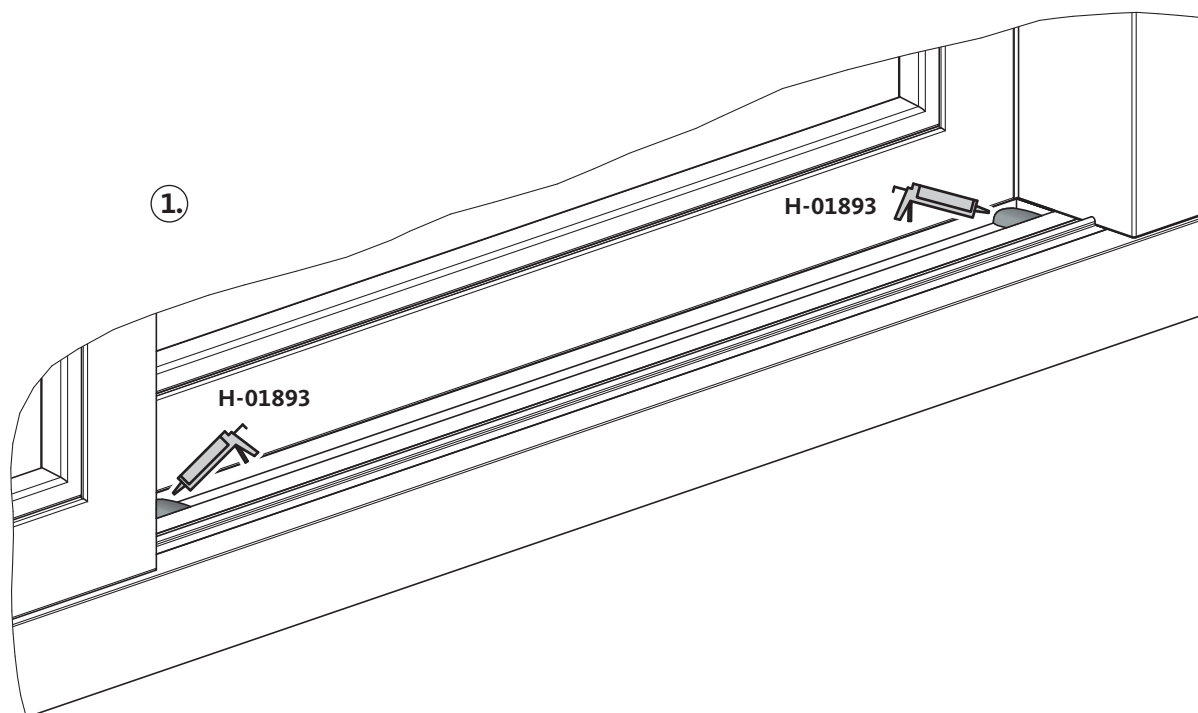


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