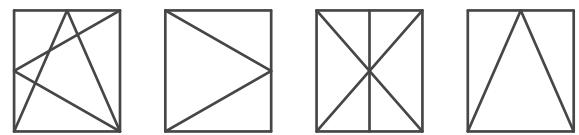


Cosmo

Adjustment and maintenance

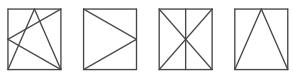


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01. Adjustment	2
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Legend

- Position and reference side
- Translation movement
- Rotation movement
- Correct
- Not correct
- Point of attention



COSMO ADJUSTMENT AND MAINTENANCE

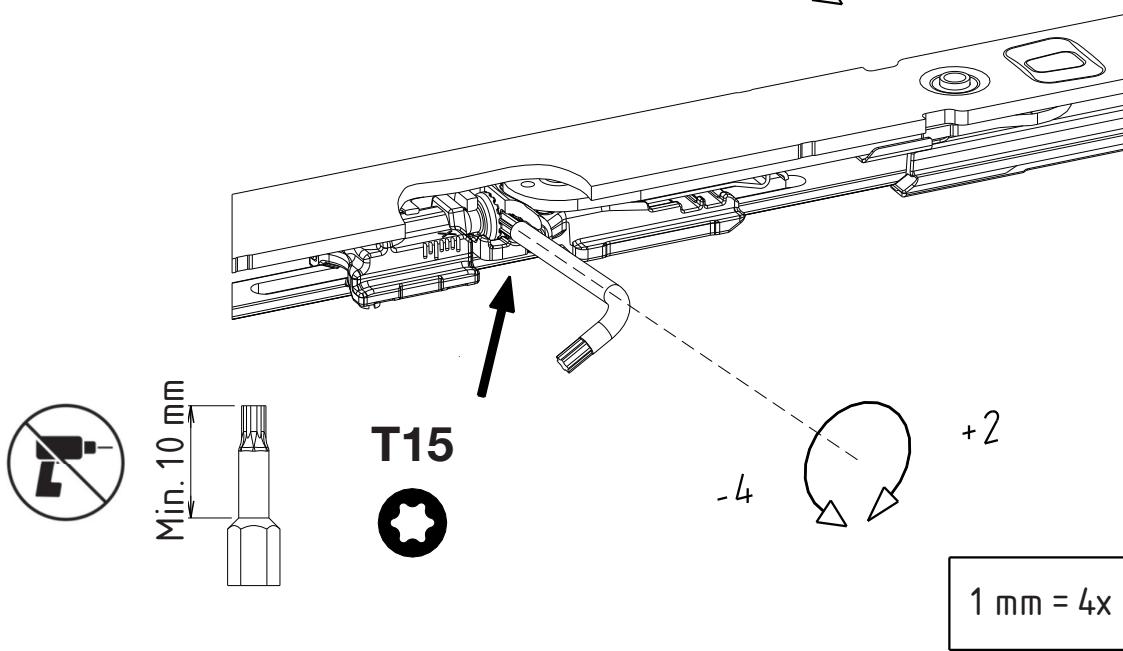
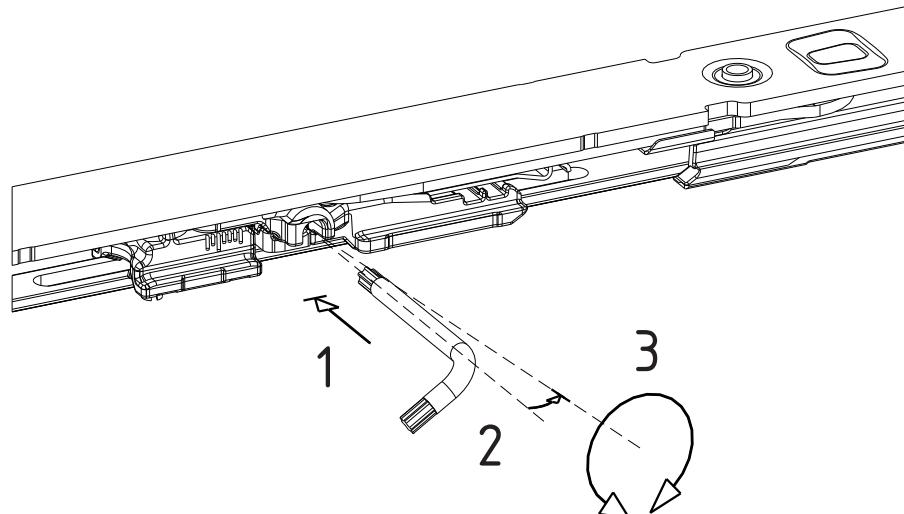
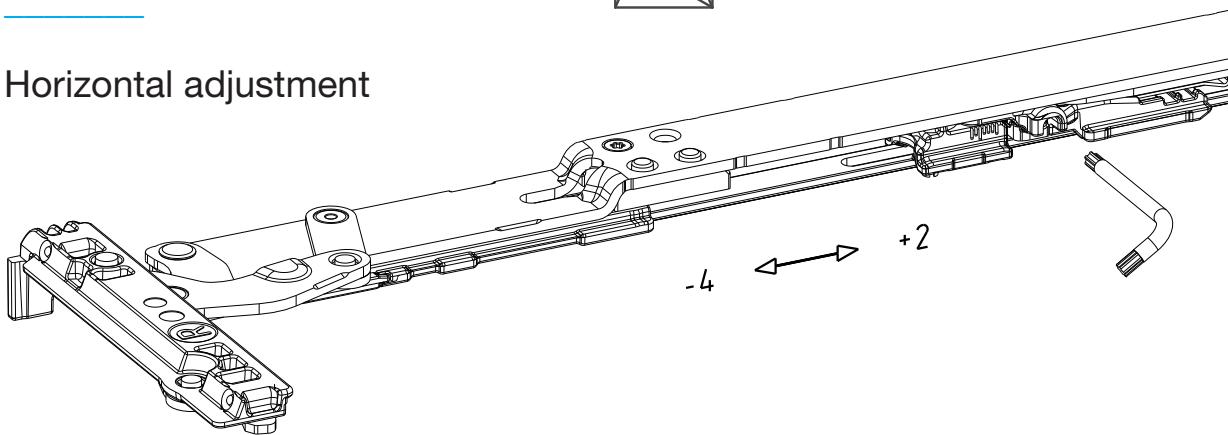
01. Adjustment > Link arm

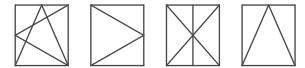
01. Adjustment

Link arm



Horizontal adjustment



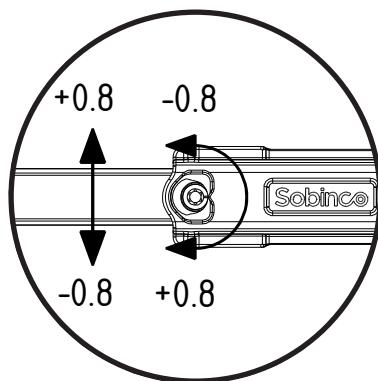
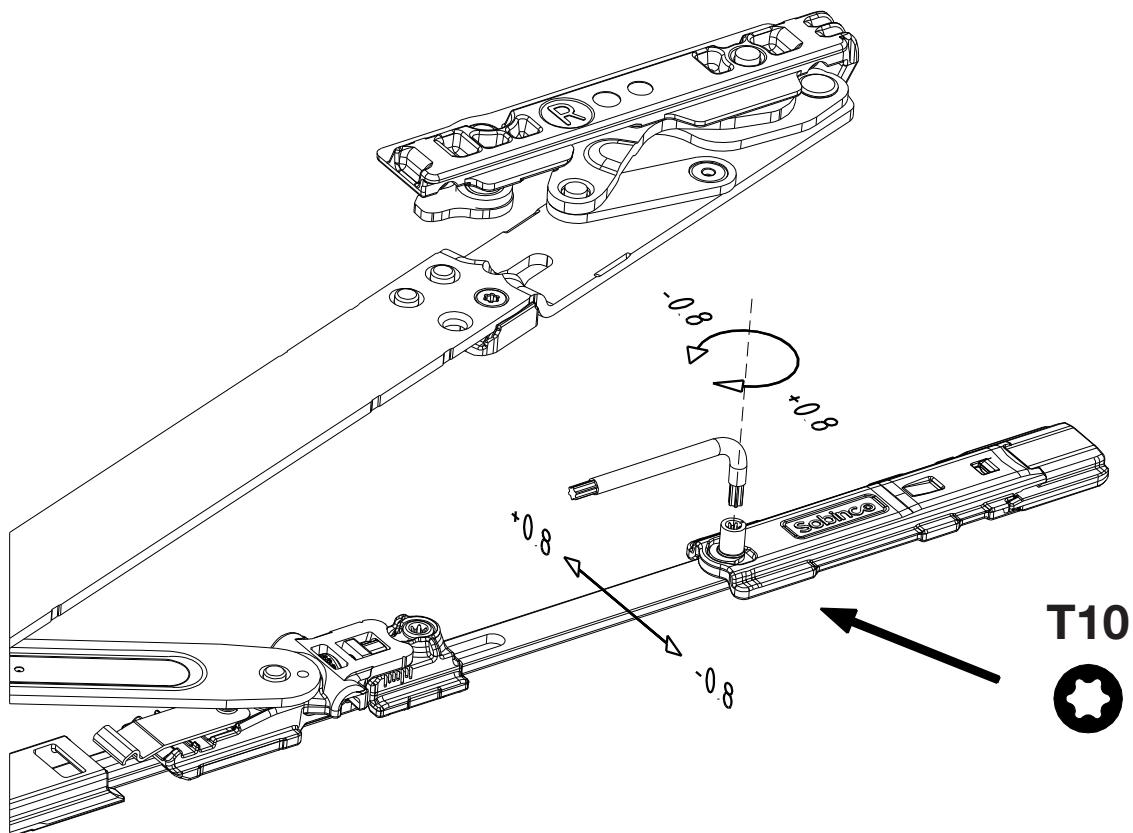


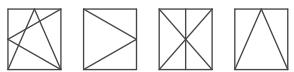
01. Adjustment > Link arm

COSMO ADJUSTMENT AND MAINTENANCE

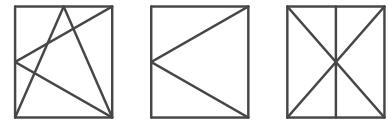


Gasket pressure adjustment

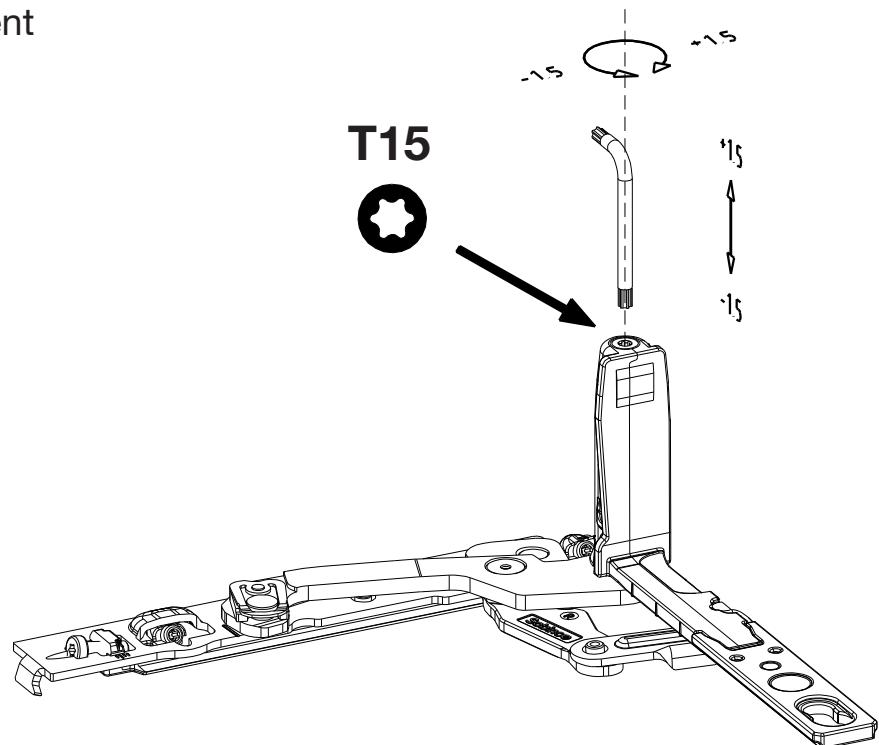


**COSMO ADJUSTMENT AND MAINTENANCE**

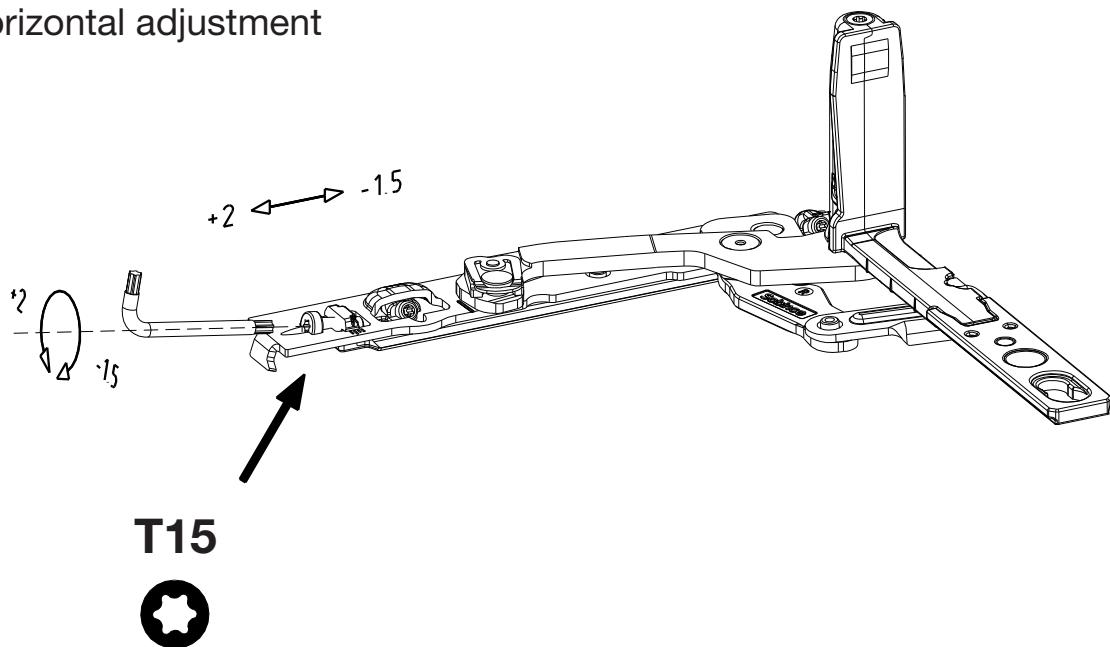
01. Adjustment > Bottom hinge

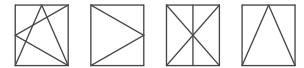
Bottom hinge

Vertical adjustment



Horizontal adjustment

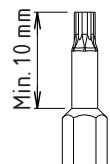
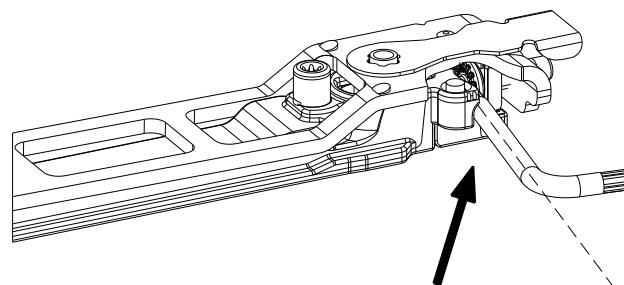
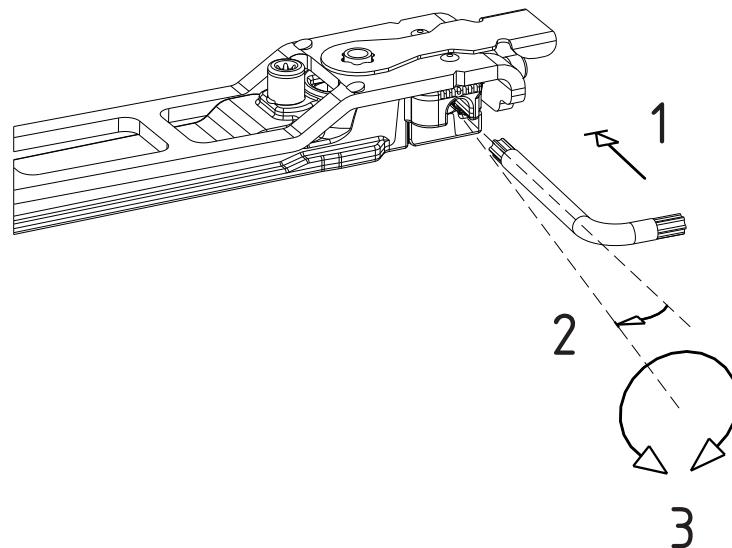
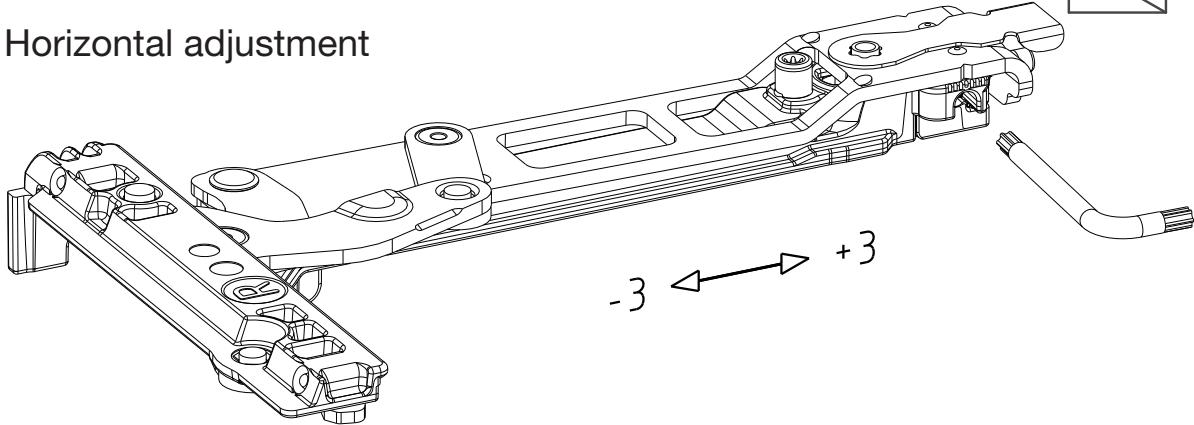


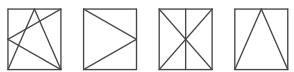


01. Adjustment > Top hinge for side hung window

COSMO ADJUSTMENT AND MAINTENANCE**Top hinge for side hung window**

Horizontal adjustment

**T15****-3****+3****1 mm = 4x 360°**



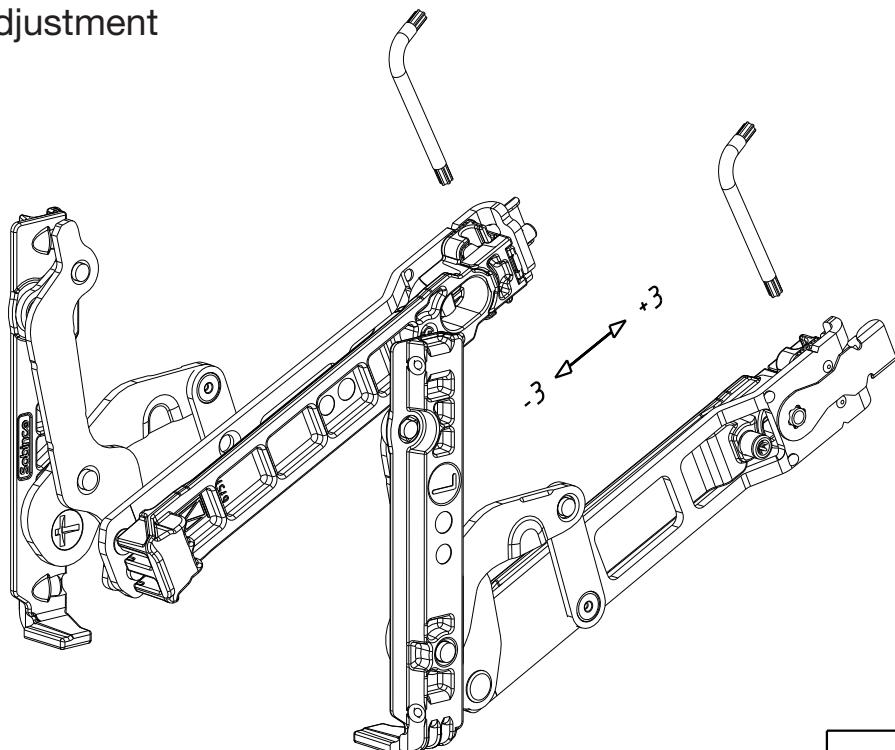
COSMO ADJUSTMENT AND MAINTENANCE

01. Adjustment > Hinge for tilt window

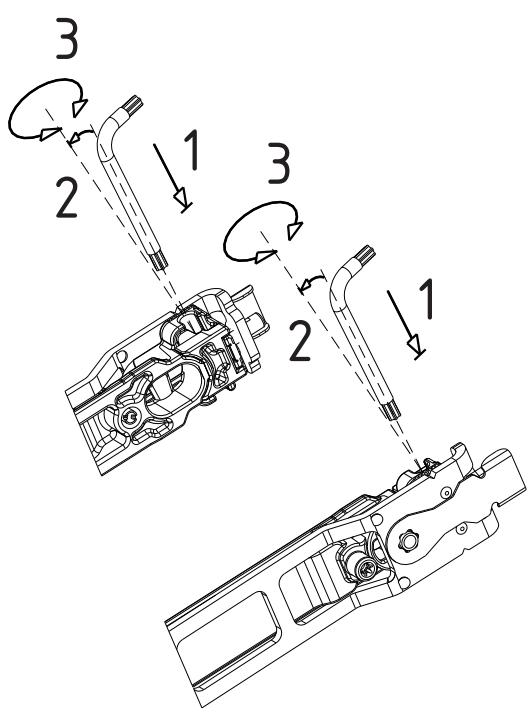
Hinge for tilt window



Vertical adjustment



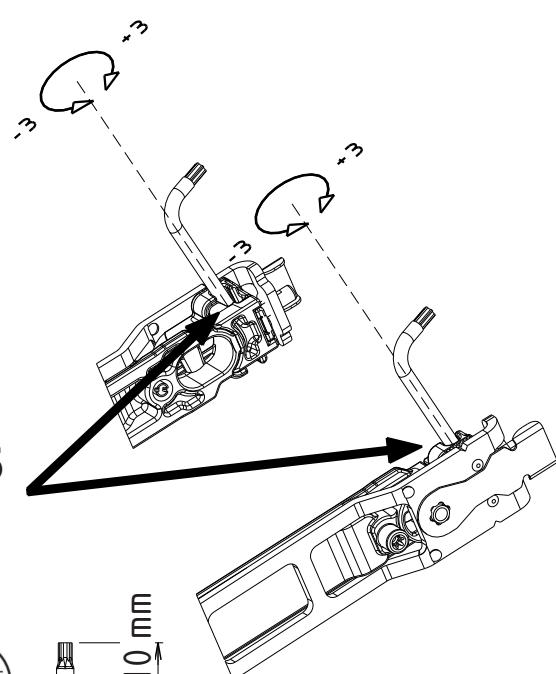
1 mm = 4x

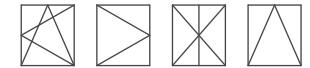


T15

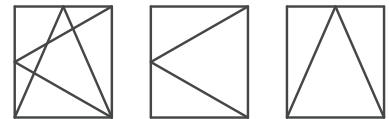


Min. 10 mm

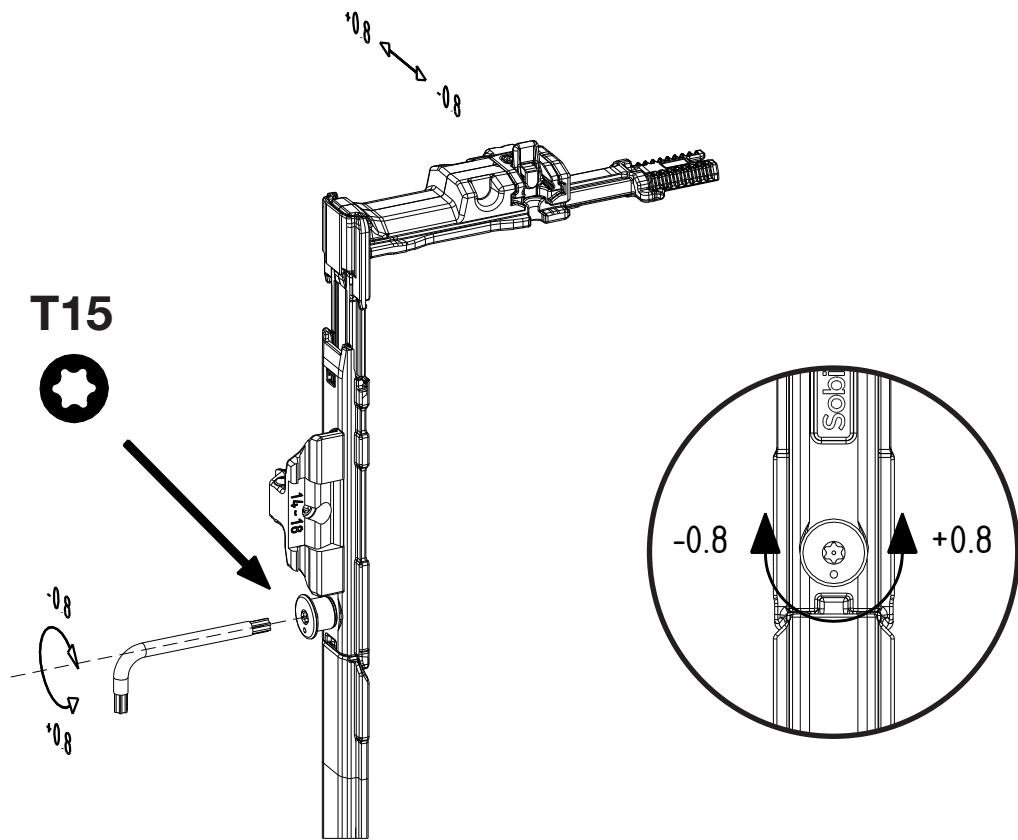




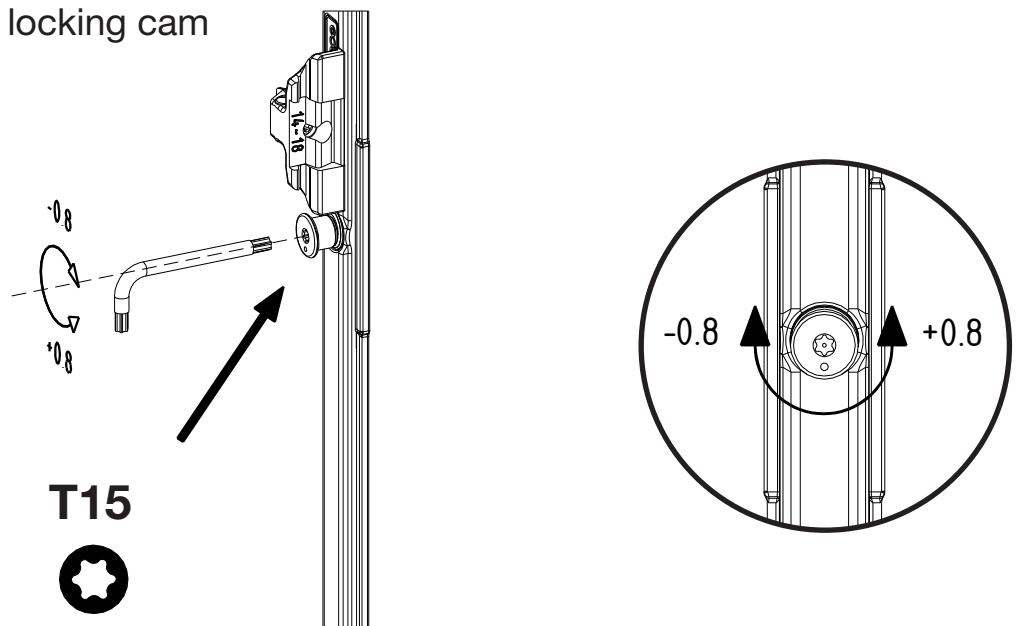
01. Adjustment > Eccentric locking cam at corner

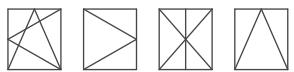
COSMO ADJUSTMENT AND MAINTENANCE**Eccentric locking cam at top bolt**

Top bolt

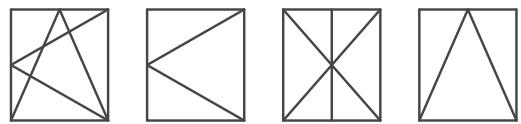


Optional locking cam

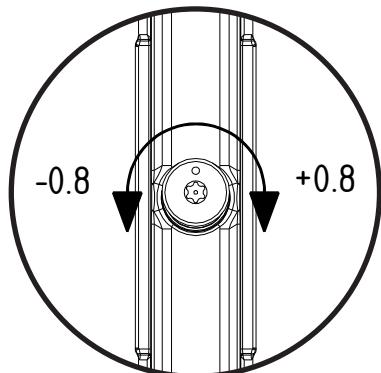
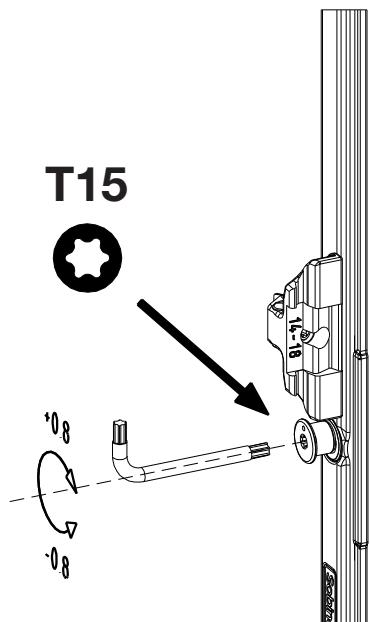


**COSMO ADJUSTMENT AND MAINTENANCE**

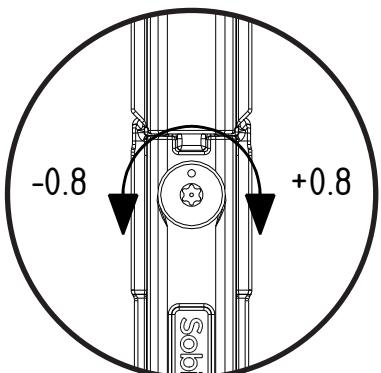
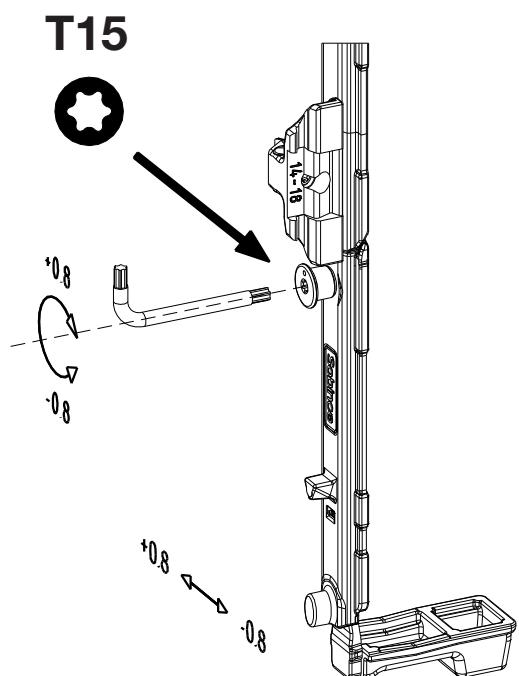
01. Adjustment > Eccentric locking cam at bolt

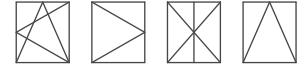
Eccentric locking cam at bottom bolt

Optional locking cam



Bottom bolt

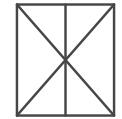




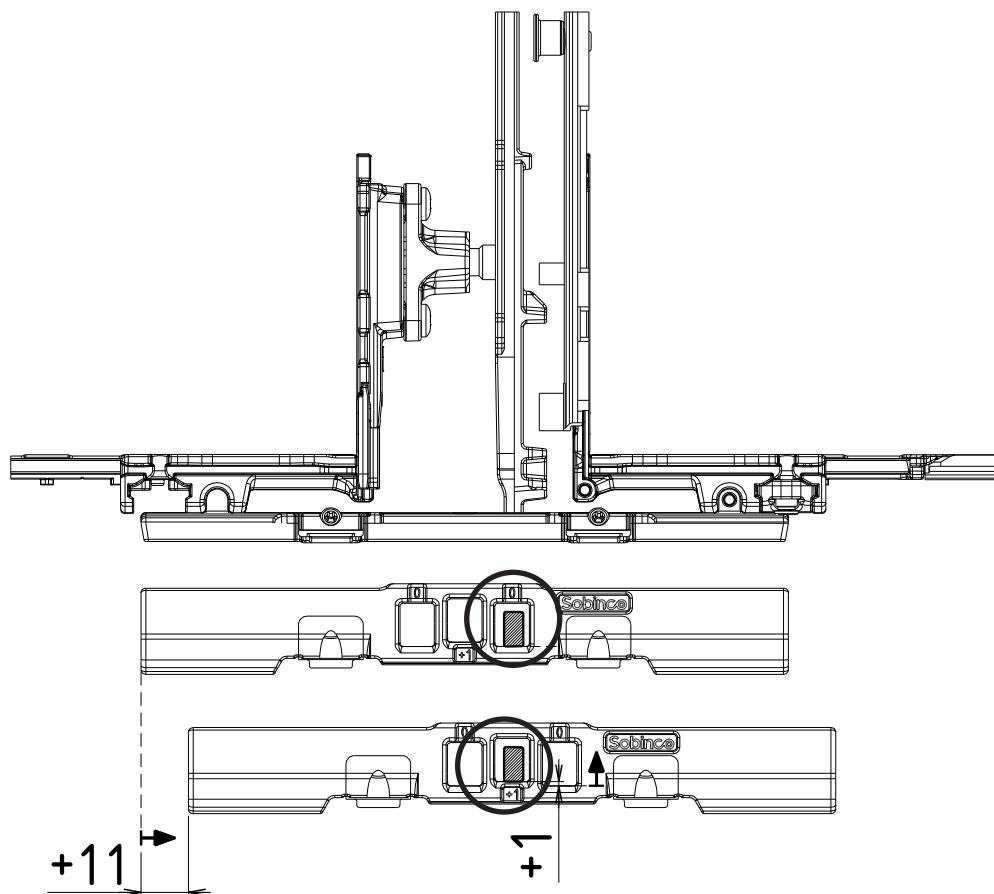
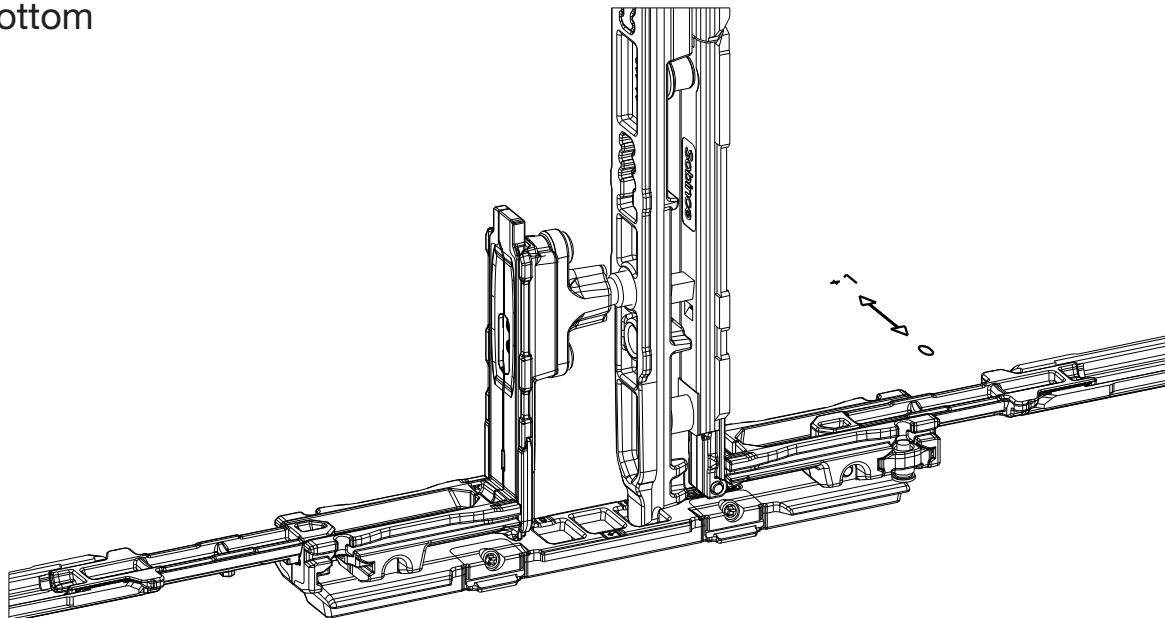
01. Adjustment > Gasket pressure adjustment
french casement keeps

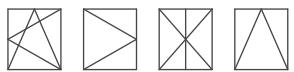
COSMO ADJUSTMENT AND MAINTENANCE

Gasket pressure adjustment french casement keeps

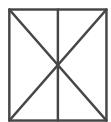


Bottom

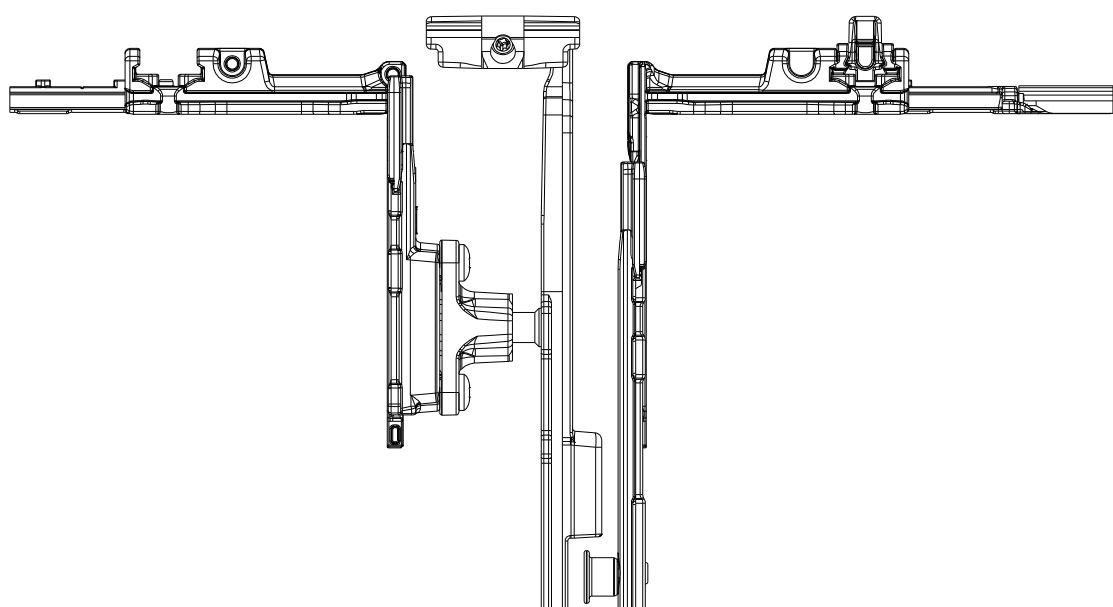
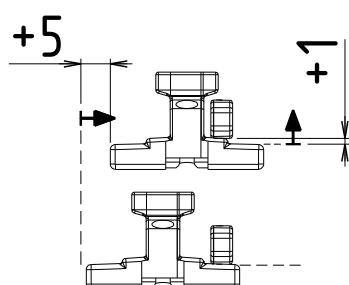
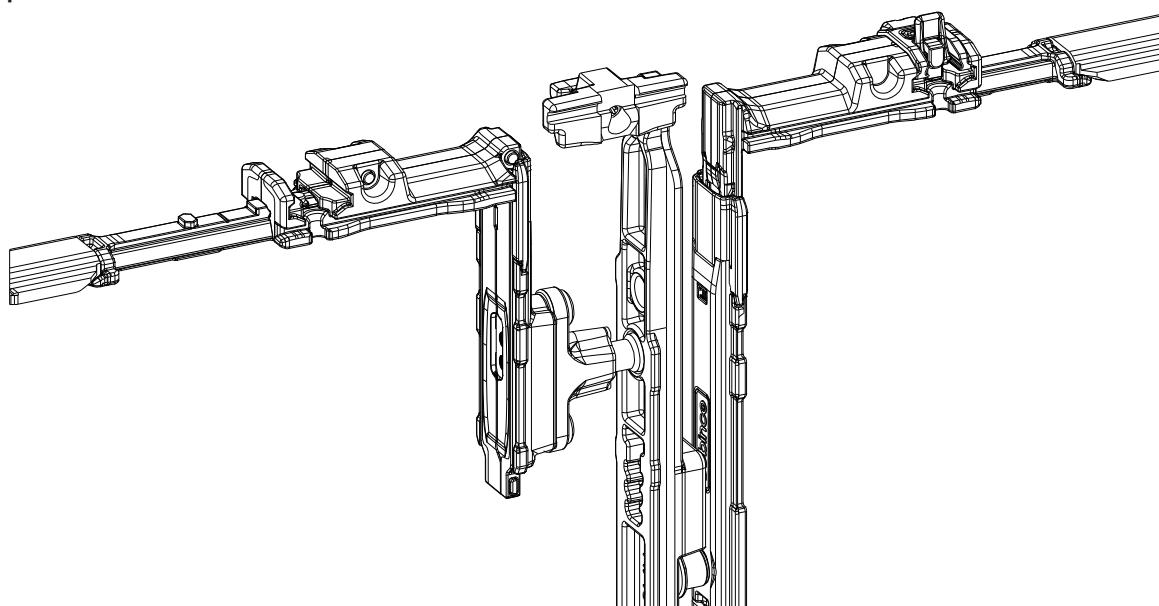


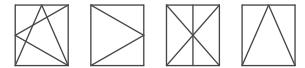


COSMO ADJUSTMENT AND MAINTENANCE

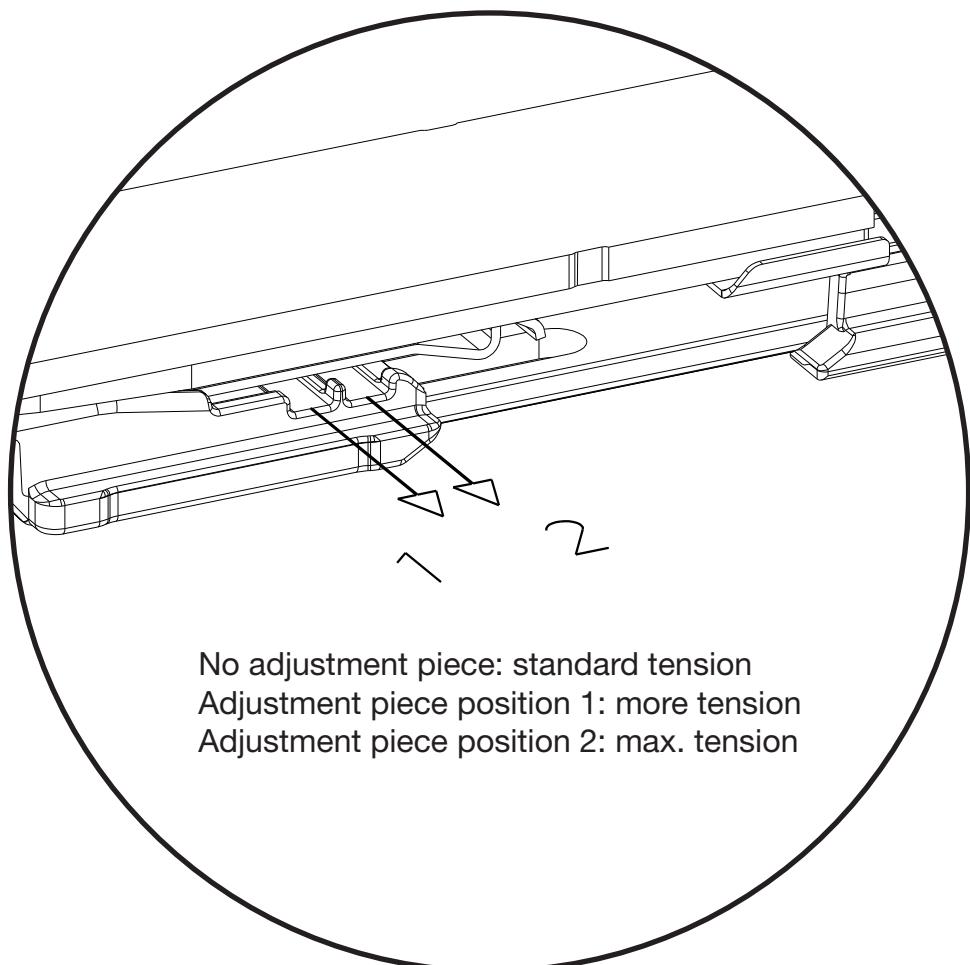
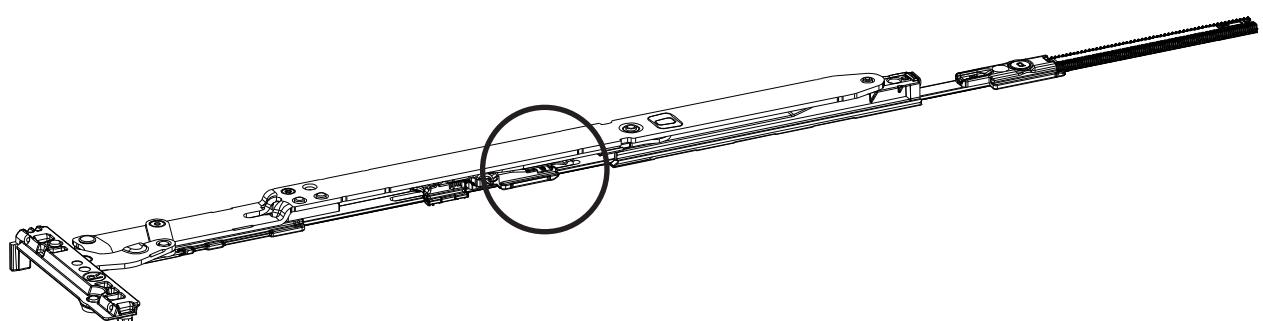
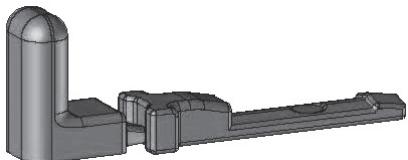
01. Adjustment > Gasket pressure adjustment
french casement keeps

Top

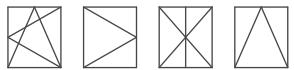




Anti slam shut device



No adjustment piece: standard tension
Adjustment piece position 1: more tension
Adjustment piece position 2: max. tension



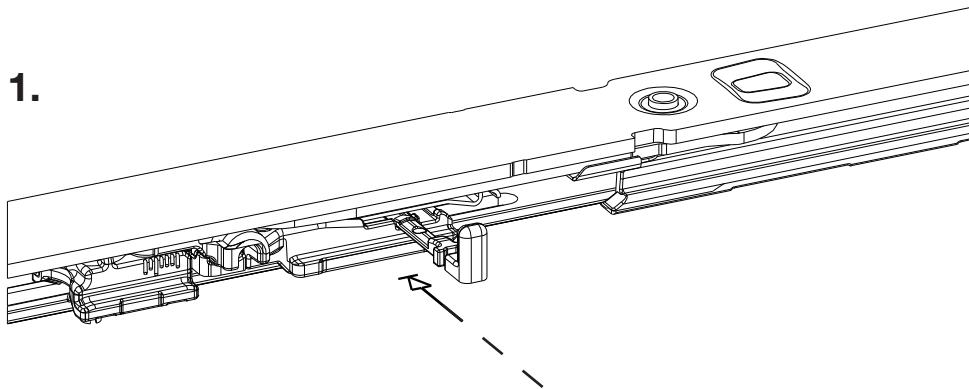
COSMO ADJUSTMENT AND MAINTENANCE

01. Adjustment > Anti slam shut device

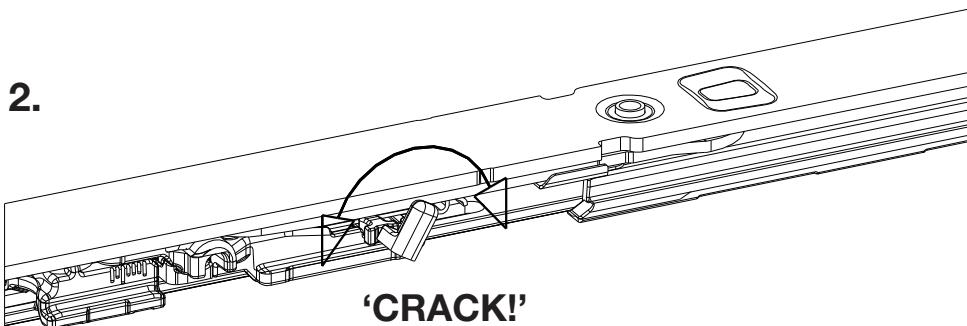


Illustrated: position 1

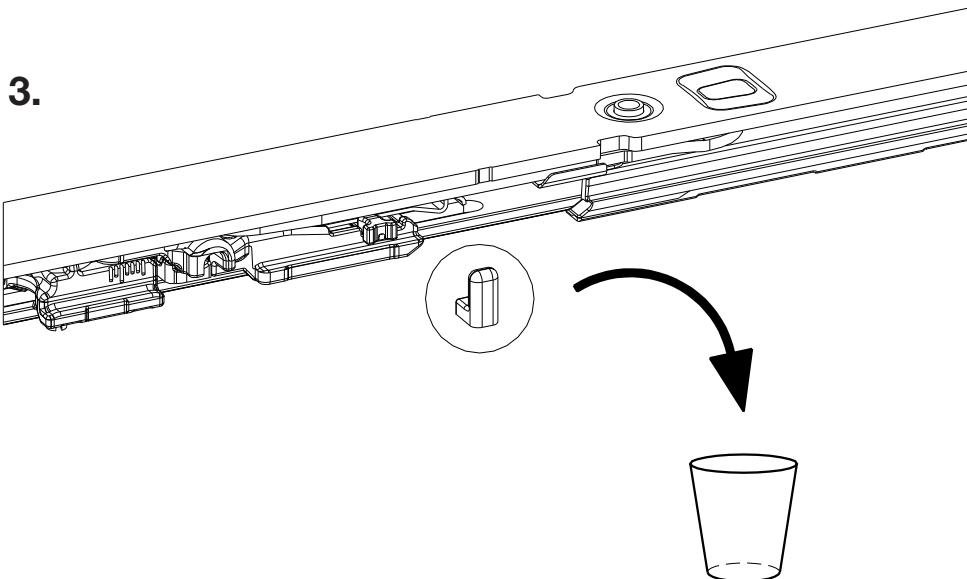
1.



2.



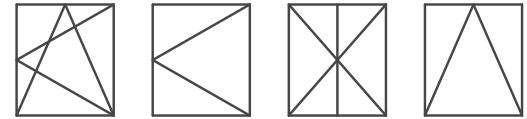
3.





02. Maintenance and lubrication

General



1. Cleaning

- When necessary any dust and dirt must be removed from all components as this could affect the smooth operation of the system.
- The system must not be cleaned with water and/or other cleaning products as this could affect the lubricants and the corrosion resistance of the gear.

2. Adjustments

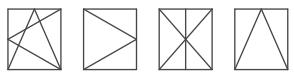
- All gear adjustments, especially of the hinges and the link arm, the replacement of parts and installation and removing of the vents should be carried out by a window expert.

3. Lubrication

- The corner transmission, the lockcase and the hinges are greased during manufacture and therefore no additional lubrication is necessary.
- When operating the window the first time, it is required to lubricate the locking points with grease.
- If the window weighs more than 130 kg, the hinges must be lubricated annually.
- Hinges for tilt windows and turn windows are lubricated in a similar way.

4. Checking

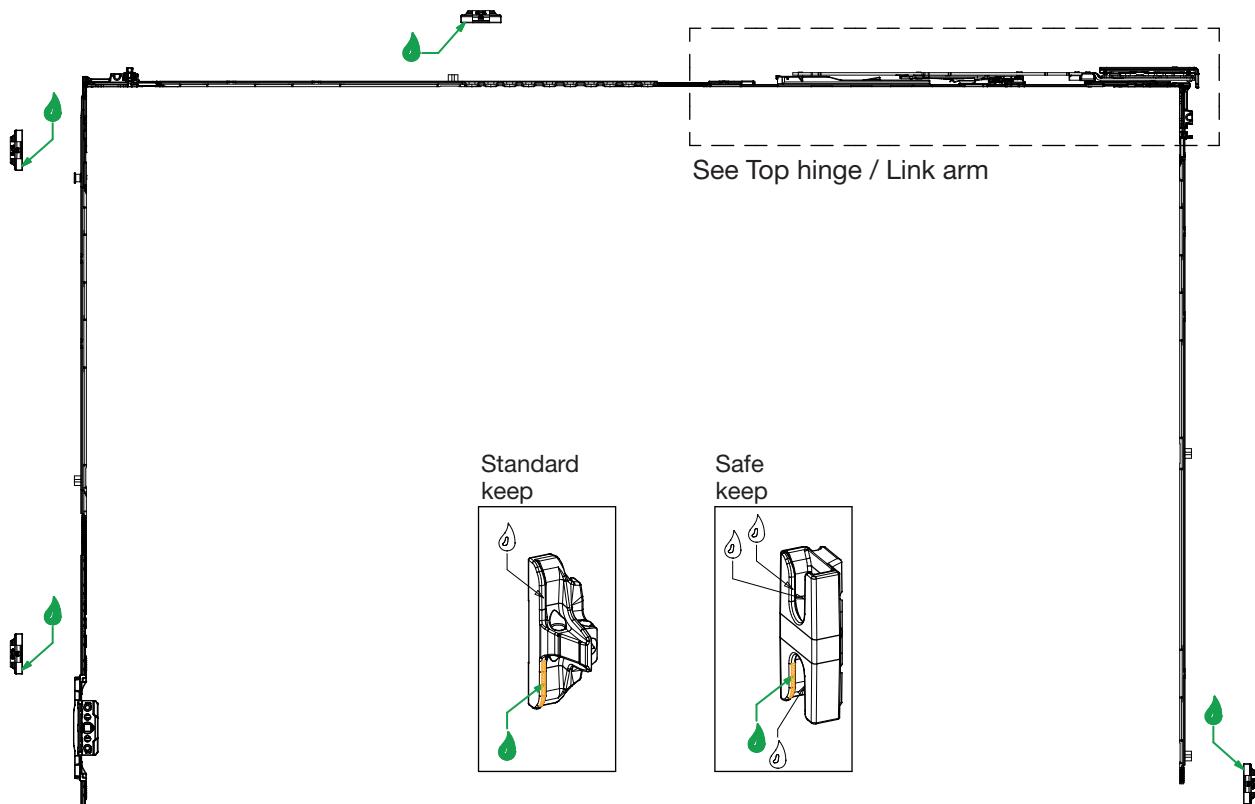
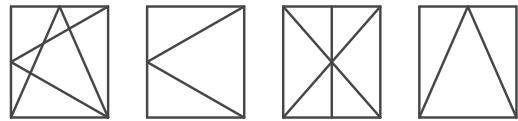
- Check tightness of link arm, handle, hinges and keep screws.



COSMO ADJUSTMENT AND MAINTENANCE

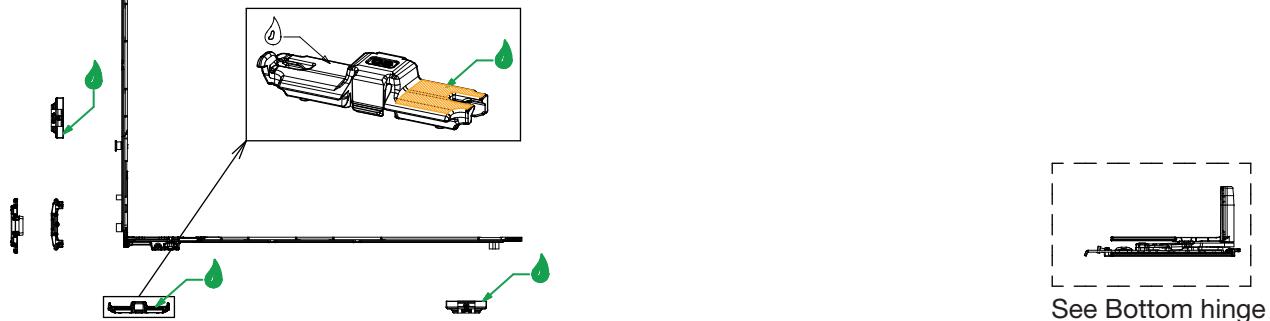
02. Maintenance and lubrication > Main leaf

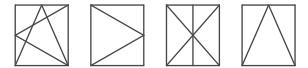
Main leaf



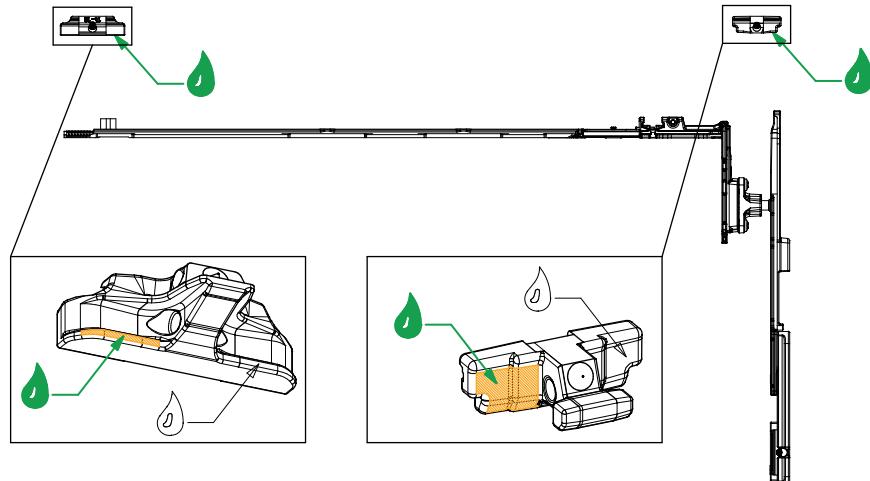
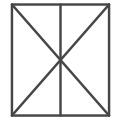
● Lubrication (this drawing)
● Lubrication (other places)
— Lubrication area on the keep

Place = depends on:
- the position of the locking cam
- direction of window: left hand/right hand





Slave leaf



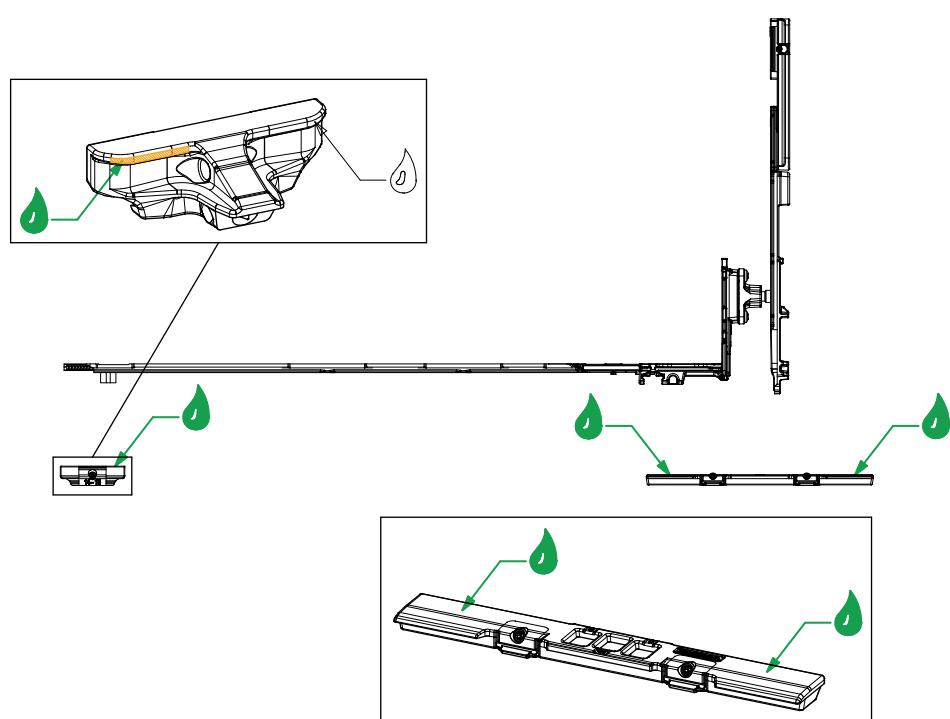
Lubrication (this drawing)

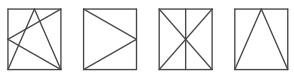


Lubrication (other places)

 Lubrication area on the keep

Place = depends on direction of window (left hand or right hand)

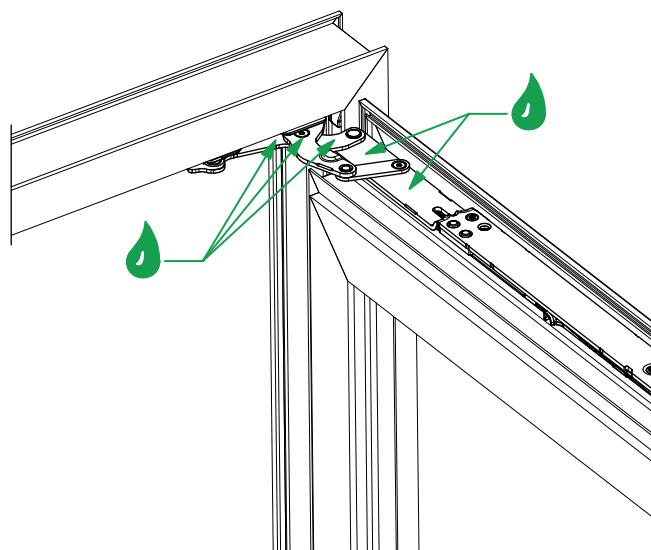
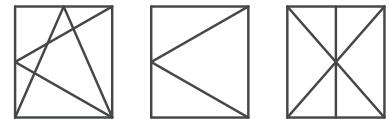




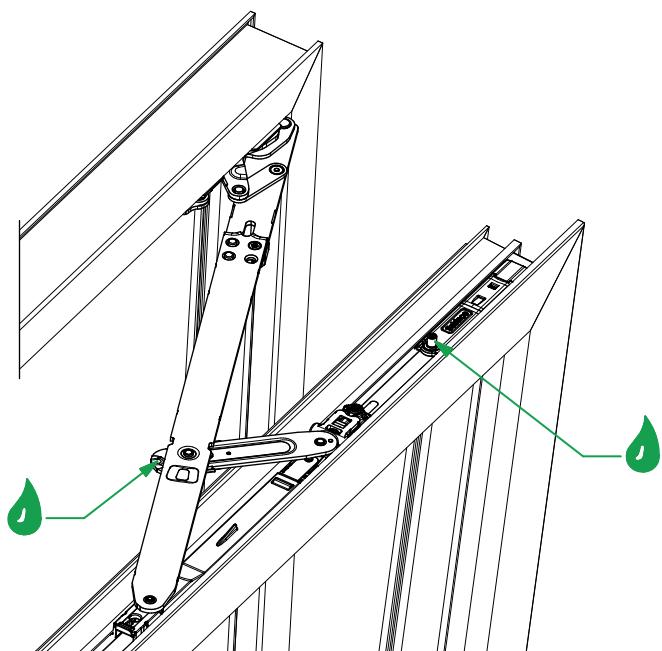
COSMO ADJUSTMENT AND MAINTENANCE

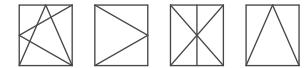
02. Maintenance and lubrication > Top hinge / Link arm

Top hinge / Link arm

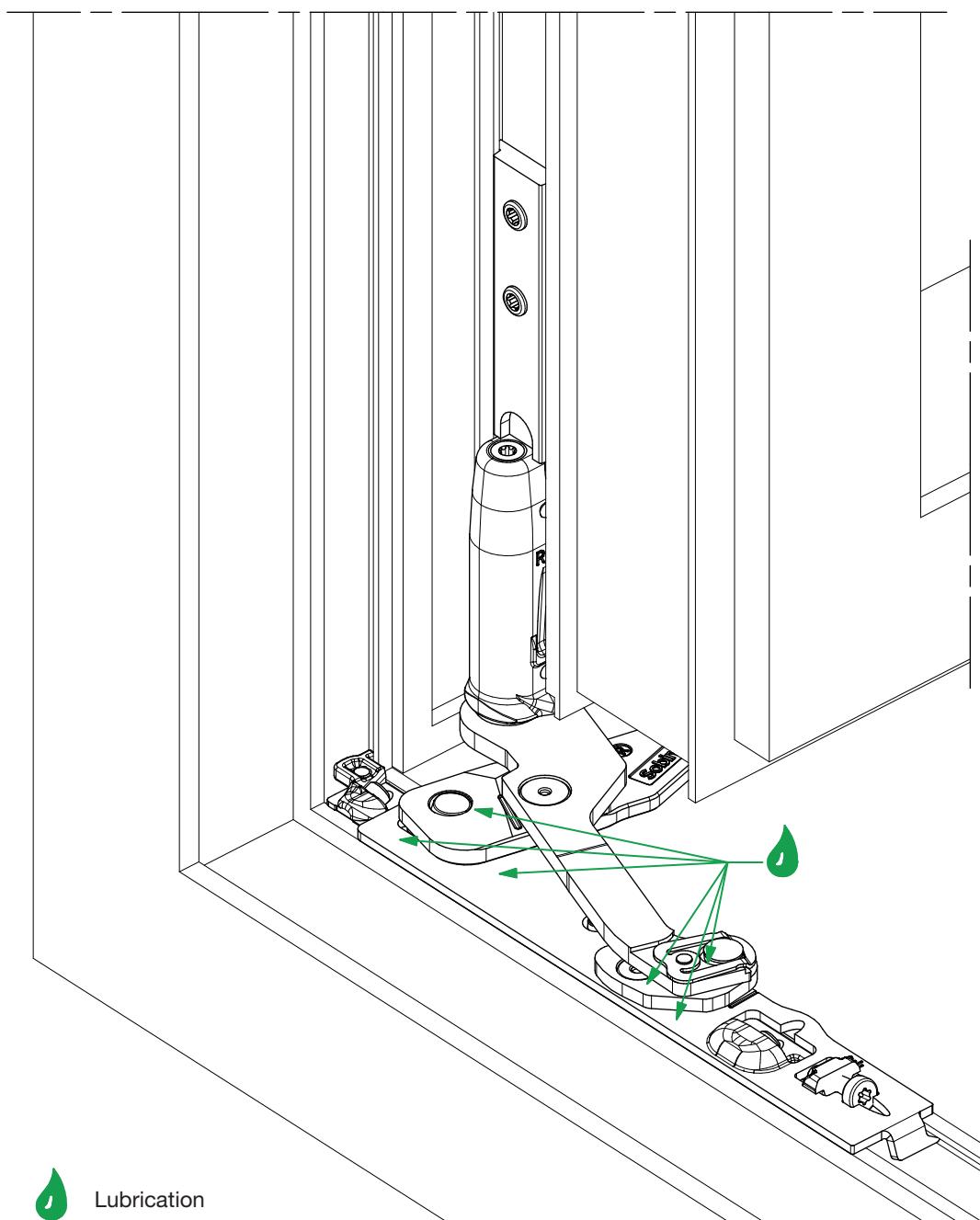
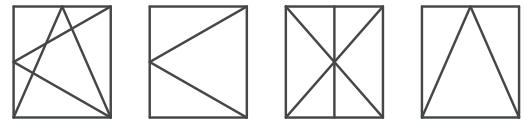


Lubrication





Bottom hinge



Lubrication

