

ALU

Maintenance instructions:

ALU axxent PLUS, ALU 2200, ALU 5100, ALU 5200, ALU-DK/TBT200, ALU-D300,
AU RB/SF

Window systems

Door systems

Comfort systems

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1 Target group of this documentation

- This documentation is intended for use by specialists only. All work described in this document must be performed by experienced professionals with training and practice in the assembly, installation and

maintenance of window hardware as the safe and professional assembly of the hardware is not possible without the relevant expertise.

2 Manufacturer and Service

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3 Liability

- Please refer to our General Terms and Conditions of Business to see our liability and warranty conditions.

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4 Important information

- Your windows/patio doors are equipped with high-quality **SIEGENIA** hardware. To ensure that the ease of movement and proper functioning is retained for as long as possible, we recommend that the following maintenance and inspection work is carried out at regular intervals (at least once a year, twice a year in schools and hotels).
- Further information on maintenance and inspection can be found in the "Directives of the Trade Organisation for Locks and Fittings (Gütegemeinschaft Schlösser und Beschläge e. V.)"

<http://www.beschlagindustrie.de/ggsb/richtlinien.asp>:- Directives of the Trade Organisation for Locks and Fittings (Gütegemeinschaft Schlösser und Beschläge e. V.)
Document no. H45.4200LS001EN
<https://downloads.siegenia.com/de/00003/index.html>

- [Basic safety notes Document no. H45.5200LS001EN](https://downloads.siegenia.com/de/00003/index.html)
<https://downloads.siegenia.com/de/00003/index.html>
- Maintenance instructions ALU:
[Document no. H45.5200LS007en](#)
- Operating instructions ALU:
[Document no. H45.5200LS008en](#)

5 Inspection, maintenance and service

- Check that all safety-relevant hardware components  are secure and check for wear.
- Check that the hinge pins are pushed in all the way to the stop. If this is not the case, push them upwards by hand all the way to the stop and secure them with the corresponding safety screws (according to the hardware)!
- Check for loose fixing screws and check that the handle is secure.
- Tighten loose fixing screws using an appropriate tool. Attention: Do not overtighten the screws.
- Replace any worn/defective hardware components or overtightened screws as soon as possible!
- These maintenance instructions also apply to hardware and window types, which are not specifically described here.

6 Dimensions

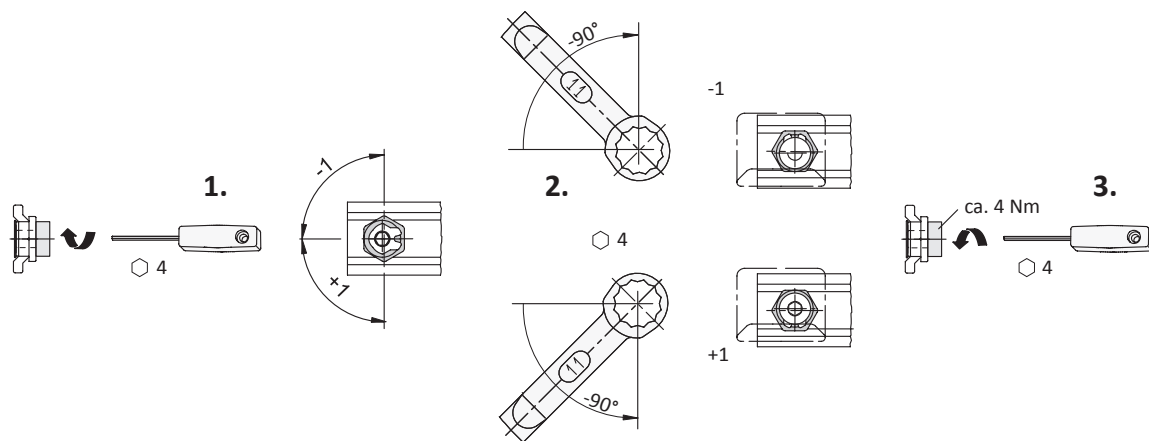
- All the dimensions in this documentation are specified in mm.

7 Compression adjustment on the operating rod

1.1 ± 1 mm compression adjustment with MV locking cam on sash

- Loosen eccentric rivet for adjustment with hexagon screwdriver.
- Perform compression adjustment for locking cam using SW 11 mm ring spanner.

- Once the adjustment has been made, tighten the eccentric rivet again. This secures the locking cam!



8 Explanation of symbols



Adjustable eccentric locking cam



Standard adjustment point



Adjustment point dependent on SW/SH



Observe note

9 Feedback on documentation

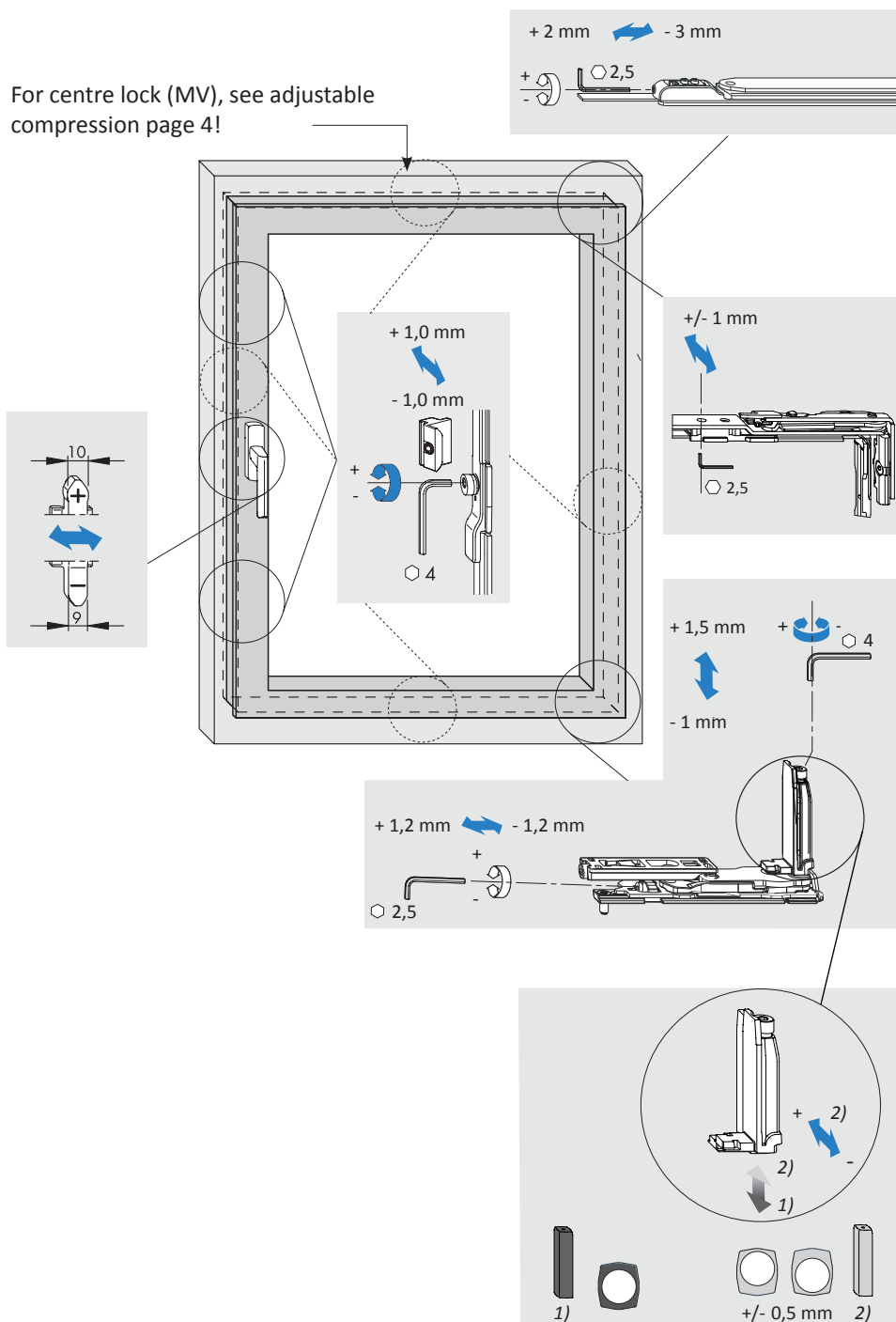
We welcome your comments and suggestions on how to improve our documentation.

Please e-mail us your comments to documentation@siegenia.com



10 ALU axxent PLUS-DK/TBT

For centre lock (MV), see adjustable compression page 4!



1) Standard adjusting piece (black).

2) To perform the compression adjustment, remove the sash, replace standard adjusting piece in the hinge side with "AV adjusting piece" (brass), mat. no. MXBS0030-097010 (lubricate before installation). Re-install sash.

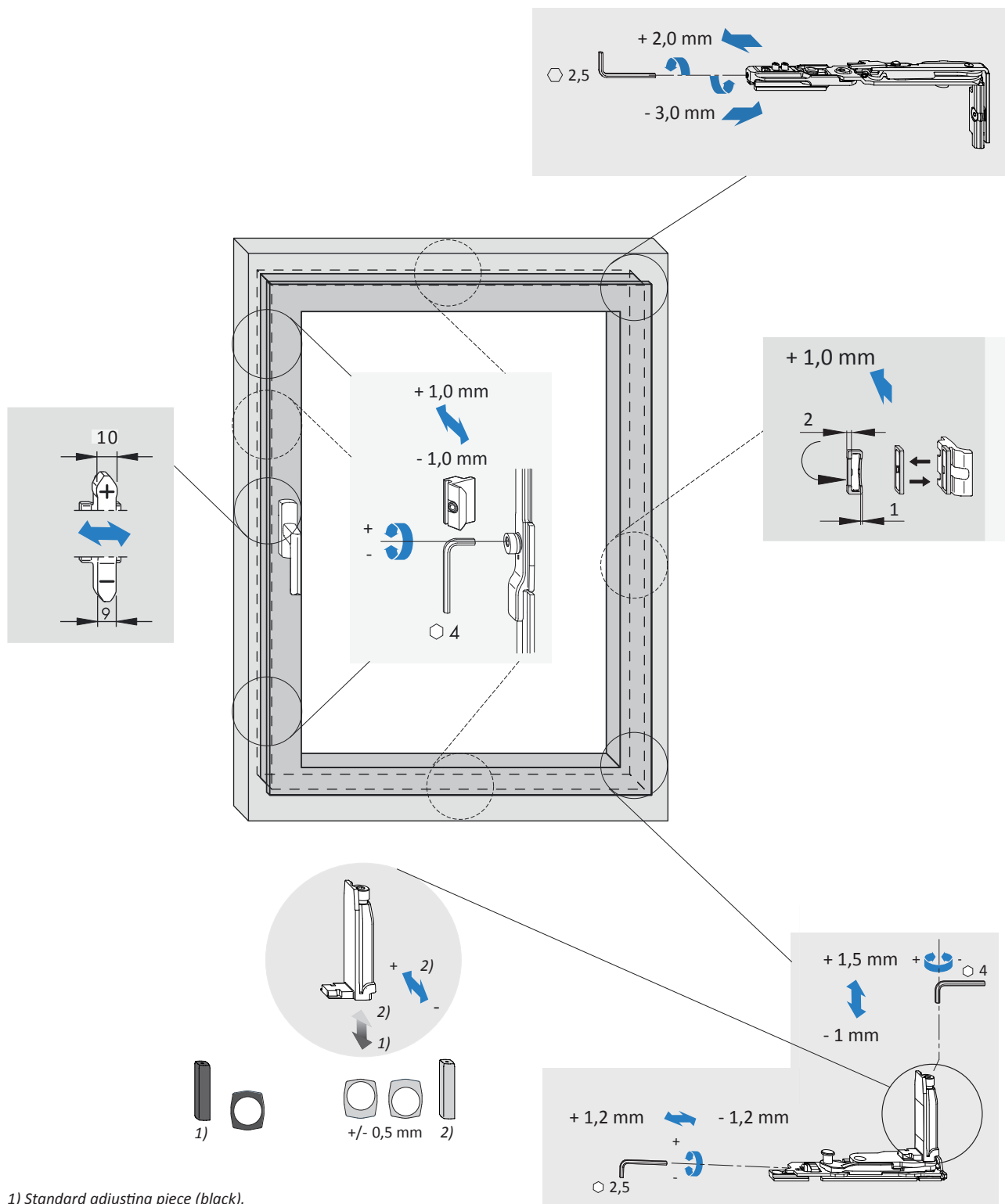


-For further information, please refer to the H48.axntLS...en assembly instructions.

-Please observe the notes and explanations on pages 3 and 4!



11 ALU axxent PLUS-D



1) Standard adjusting piece (black).

2) To perform the compression adjustment, remove the sash, replace standard adjusting piece in the hinge side with "AV adjusting piece" (brass), mat. no. MXBS0030-097010 (lubricate before installation). Re-install sash.

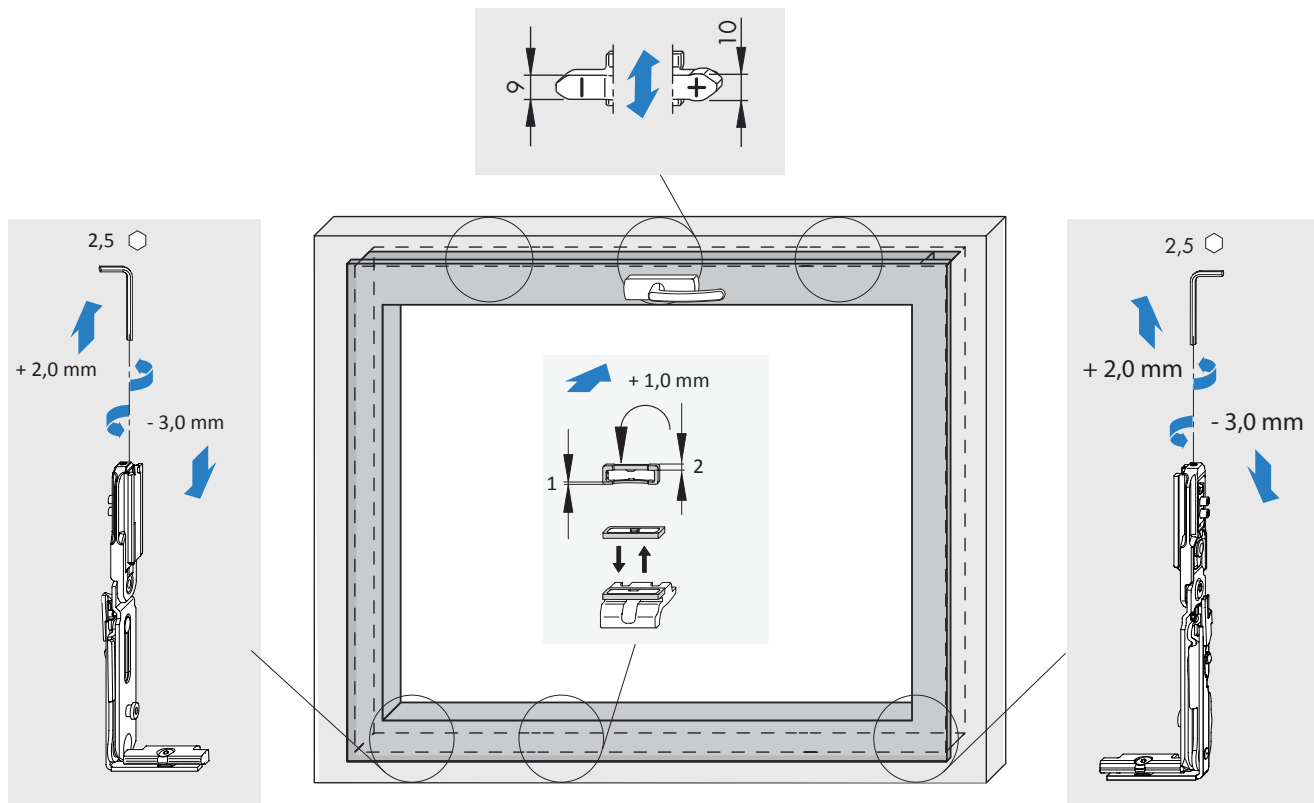


-For further information, please refer to the H48.axntLS...en assembly instructions.

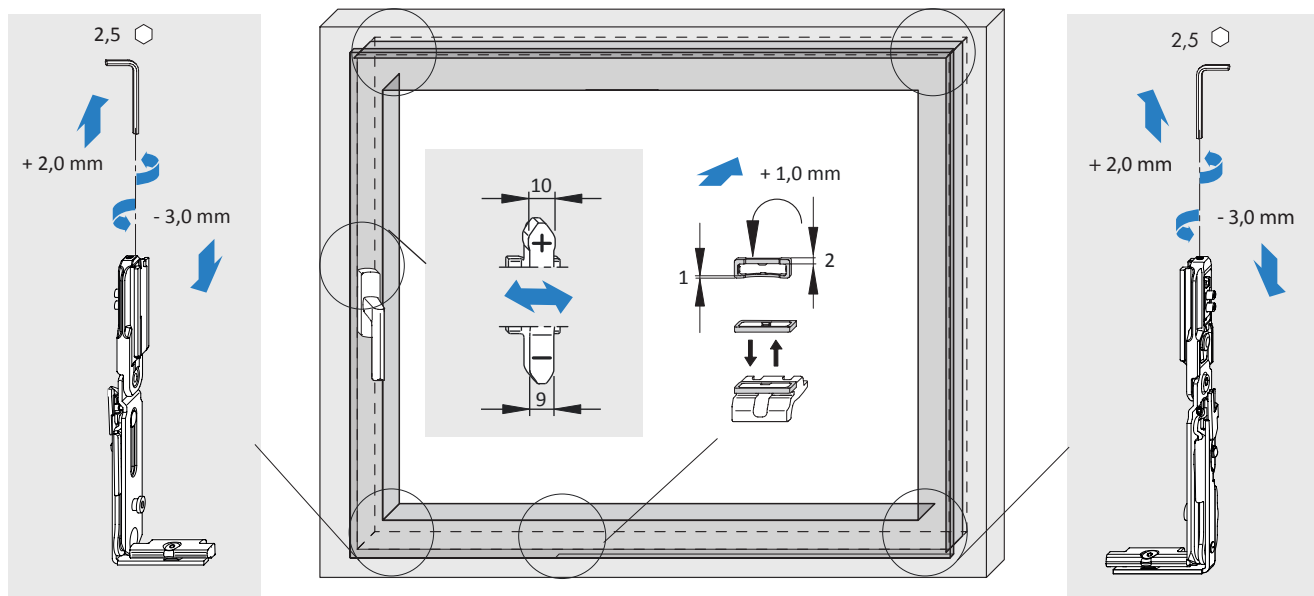
-Please observe the notes and explanations on pages 3 and 4!



12 ALU axxent PLUS-K



13 ALU axxent PLUS-K/ZV

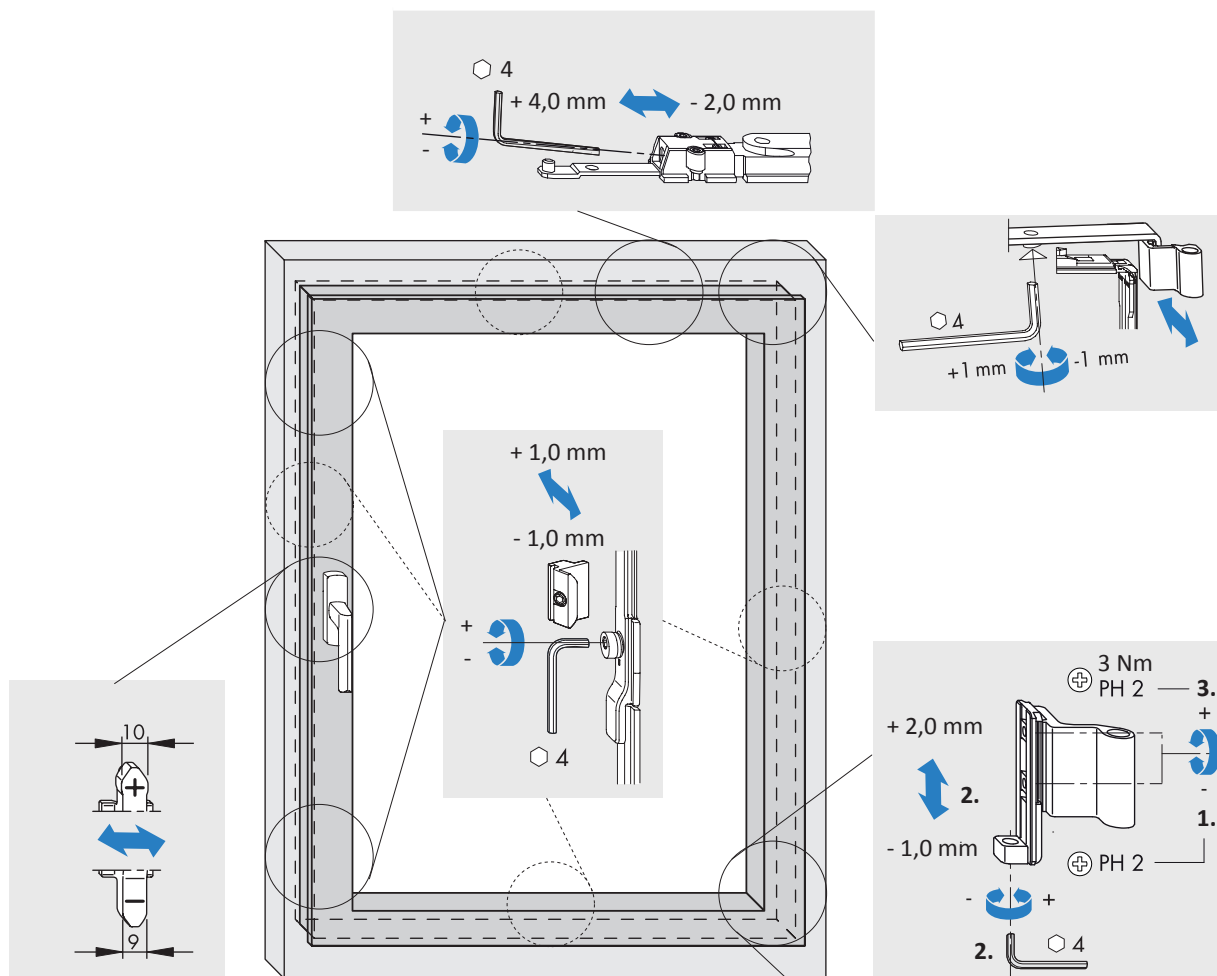


-For further information, please refer to the H48.axntLS...en assembly instructions.

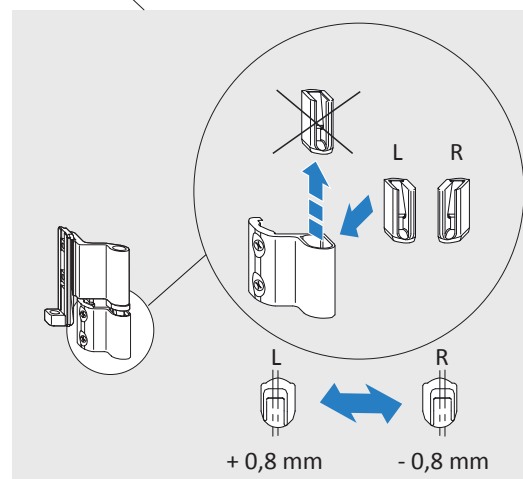
-Please observe the notes and explanations on pages 3 and 4!



14 ALU 2200-DK/TBT



For the side adjustment, remove the sash, remove the standard pressure piece and use "right pressure piece" (R), mat. no. MBDR0021-10010, or "left pressure piece" (L), mat. no. MBDR0022-10010, if required! Re-install sash!

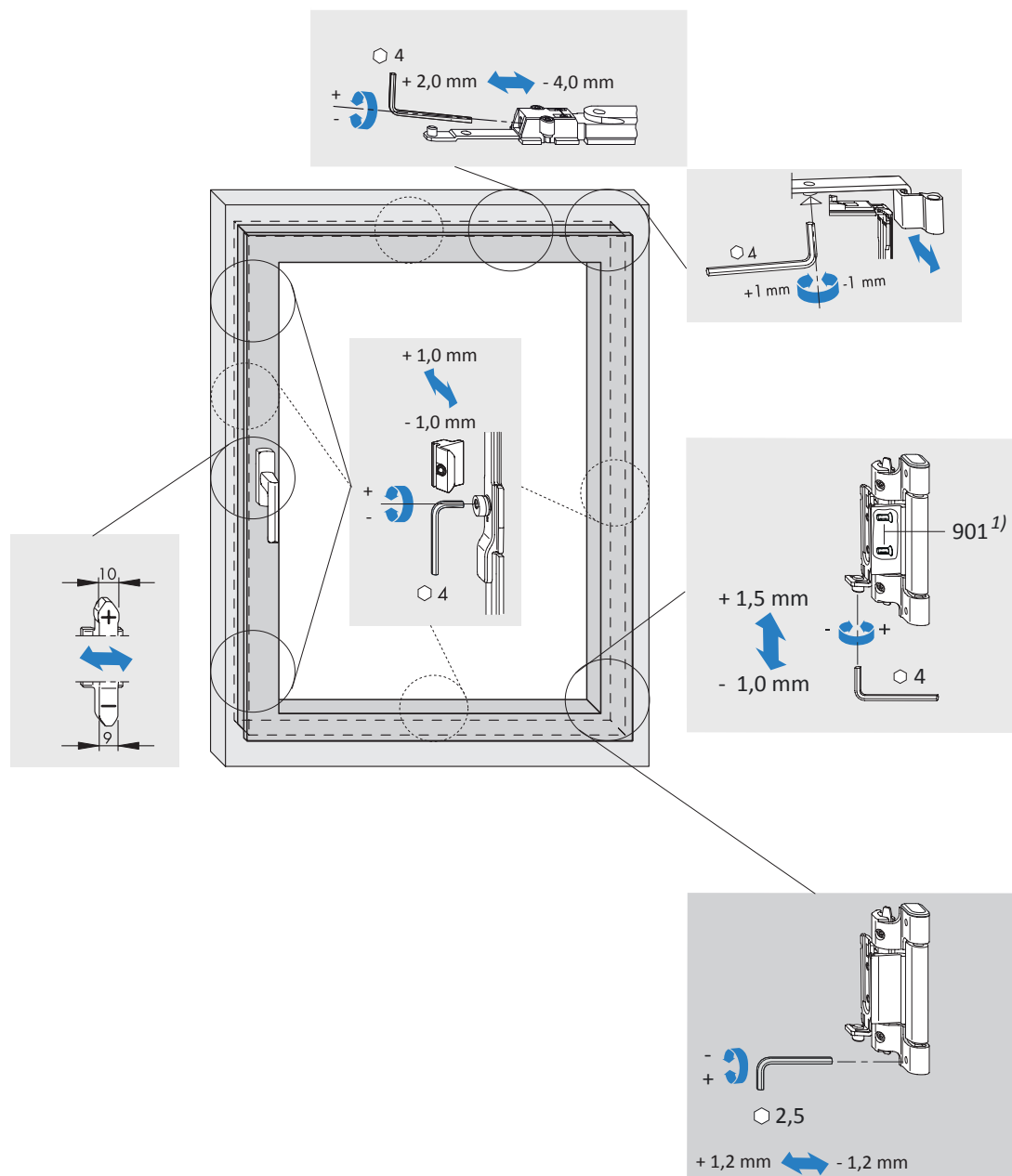


-- For further information, please refer to the H48.2200LS...en assembly instructions.

-Please observe the notes and explanations on pages 3 and 4!



15 ALU 5100-DK/TBT



1) Prior to the height adjustment, loosen countersunk screws M5 x 8.5
(item 901) and fix again with 2.5 ± 0.25 Nm torque after the height adjustment.

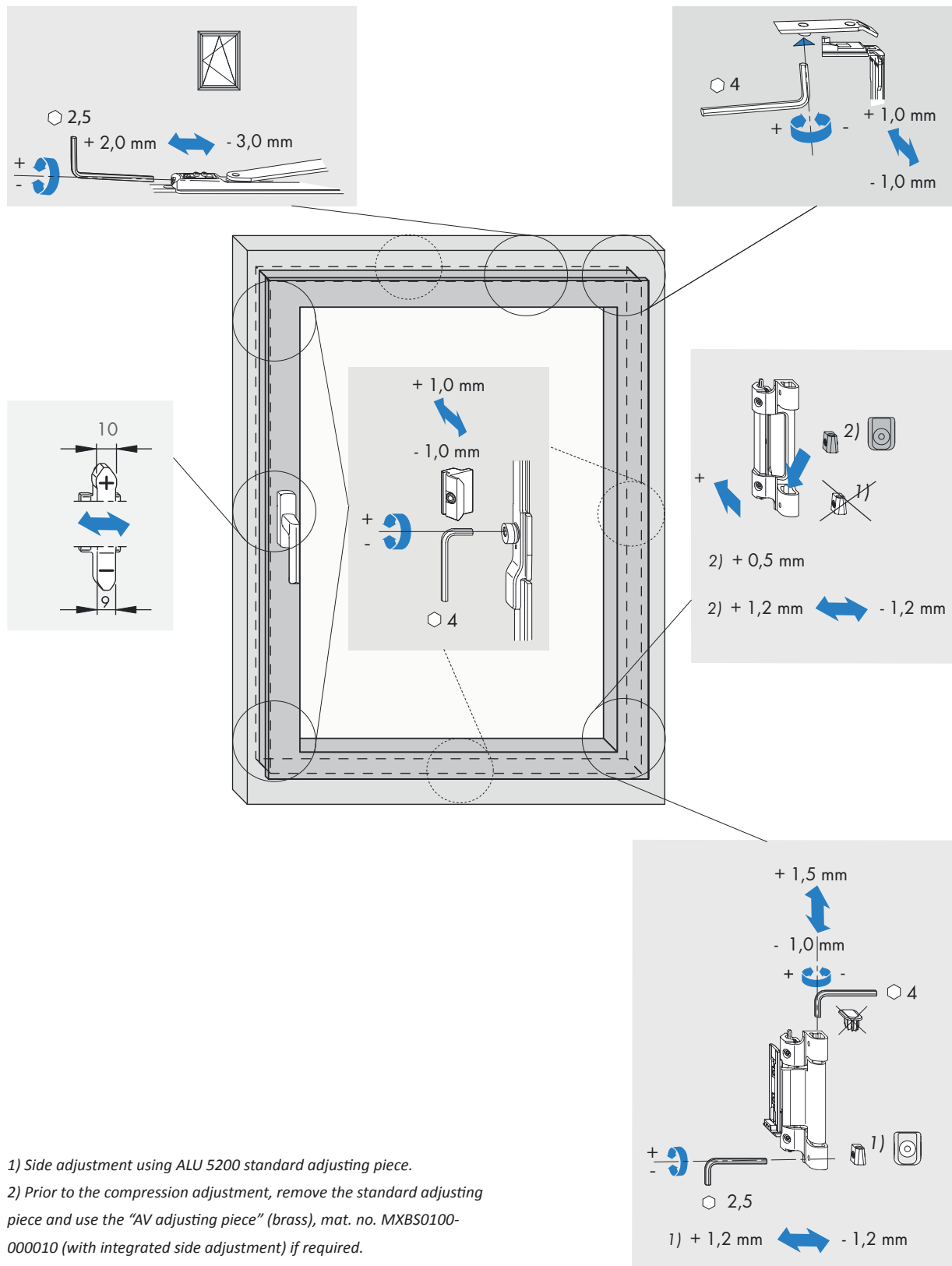


- For further information, please refer to the
H48.5100LS...en assembly instructions.

-Please observe the notes and explanations on
pages 3 and 4!



16 ALU 5200-DK/TBT



1) Side adjustment using ALU 5200 standard adjusting piece.

2) Prior to the compression adjustment, remove the standard adjusting piece and use the "AV adjusting piece" (brass), mat. no. MXBS0100-000010 (with integrated side adjustment) if required.

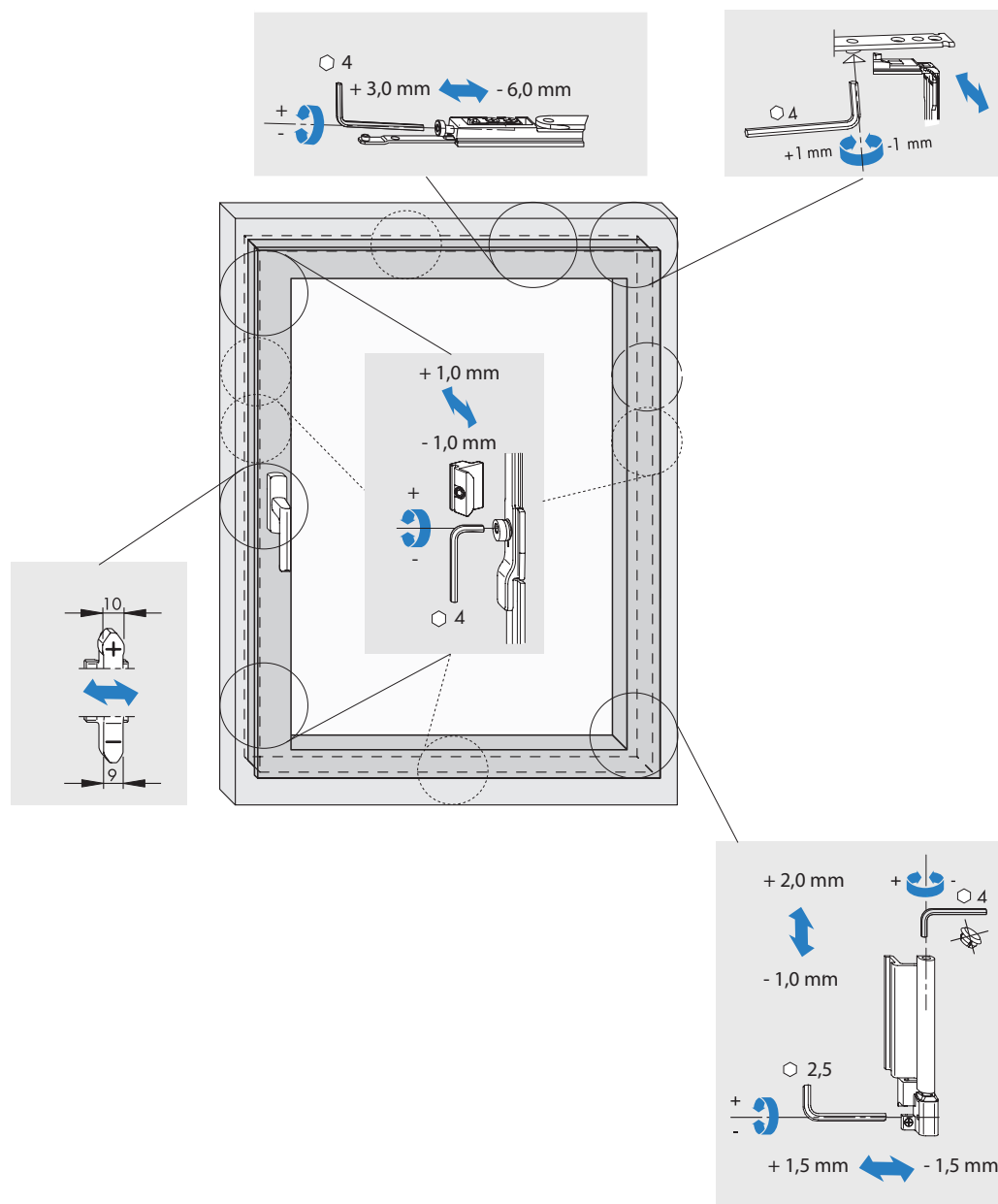


- For further information, please refer to the H48.5200LS...en assembly instructions.

-Please observe the notes and explanations on pages 3 and 4!



17 ALU-DK/TBT200

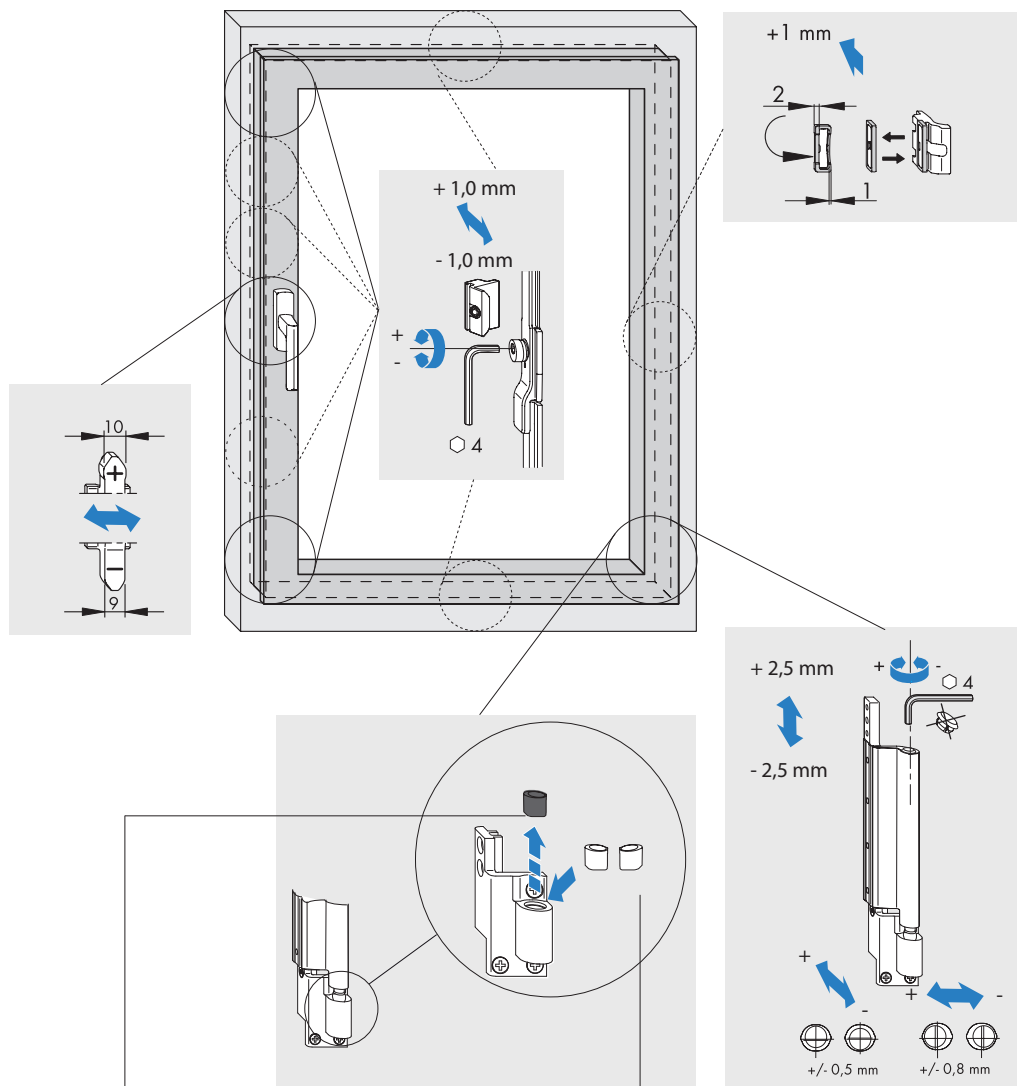


- For further information, please refer to the H48.5200LS...en assembly instructions.

-Please observe the notes and explanations on pages 3 and 4!



18 ALU-D300



To perform the compression adjustment, remove the sash and replace standard adjusting piece with "AV adjusting piece" (gray), mat. no. 855 133. Re-install sash.

To perform the side adjustment, remove the sash and replace standard adjusting piece with "SV pressure piece" (white), mat. no. 818 138, if required. Re-install sash.

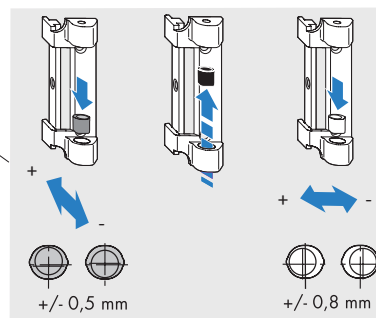
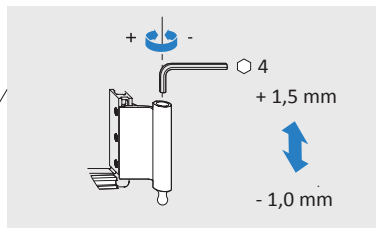
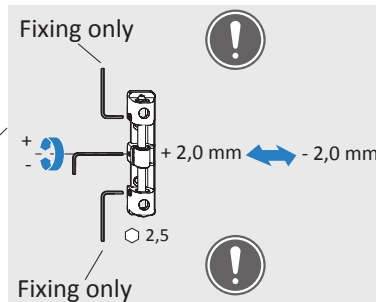
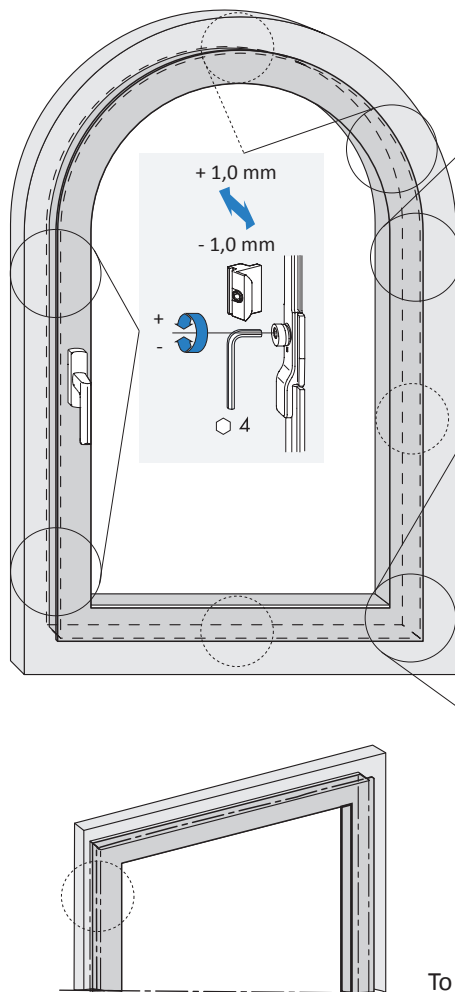


--For further information, please refer to the H48.5200LS...en assembly instructions.

-Please observe the notes and explanations on pages 3 and 4!

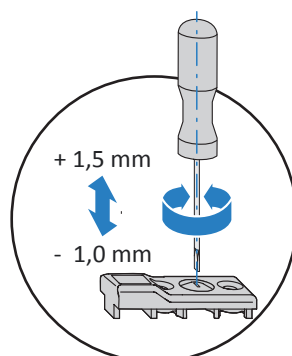
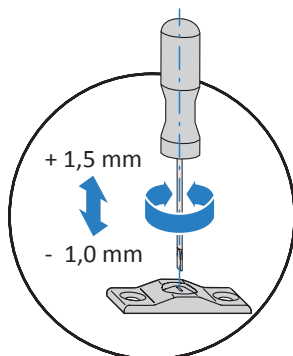


19 ALU-RB/SF



To perform the side adjustment, remove the sash and replace standard adjusting piece with "SV pressure piece" (white), mat. no. 818 138, if required. Re-install sash.

To perform the compression adjustment, remove the sash and replace standard adjusting piece with "AV adjusting piece" (gray), mat. no. 855 133. Re-install sash.



-For further information, please refer to the H48. RBLs...en assembly instruction or H48.SFLS...en.

-Please observe the notes and explanations on pages 3 and 4!

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