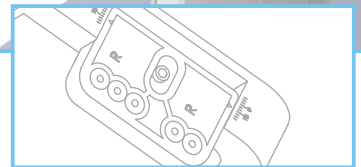
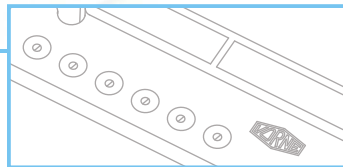


Mounting & Maintenance Manual

Tilt & Turn Systems



Moving Systems
Innovative Solutions!

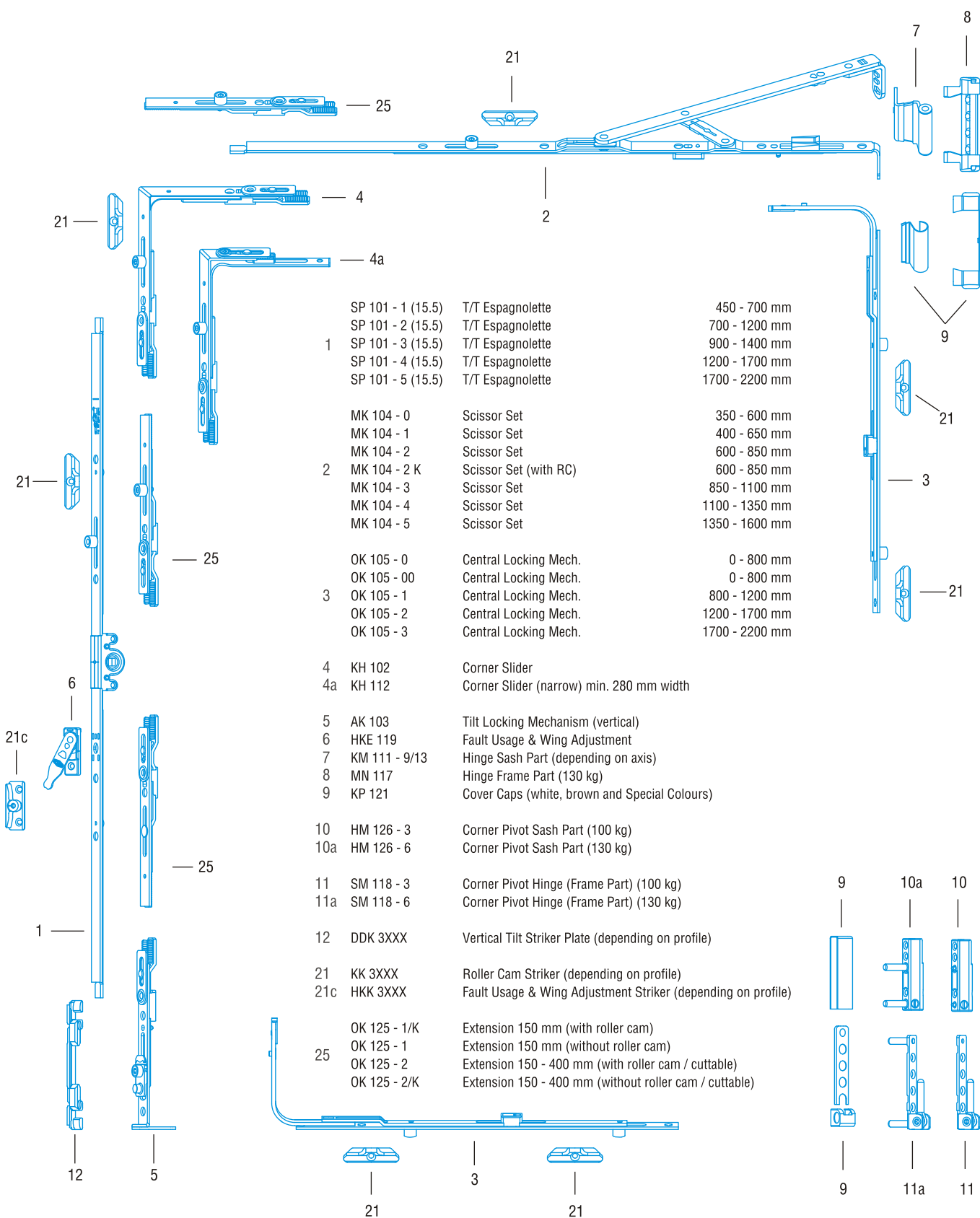
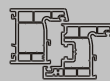


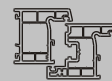
WINDOW & DOOR SYSTEMS

This Mounting & Maintenance Manual is prepared for
"Tilt & Turn Systems" users and application firms.

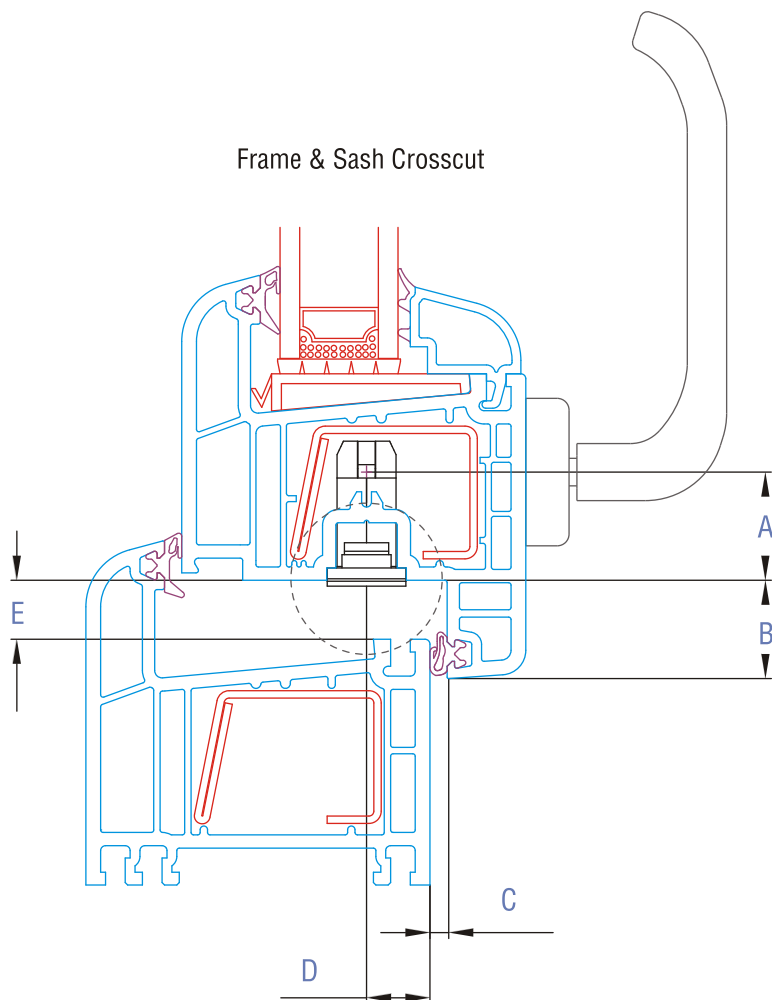
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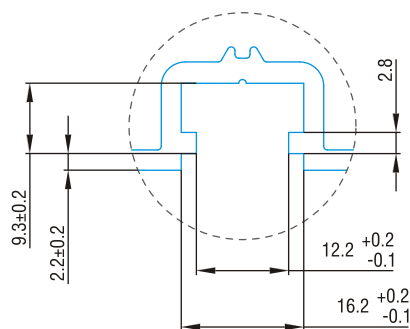
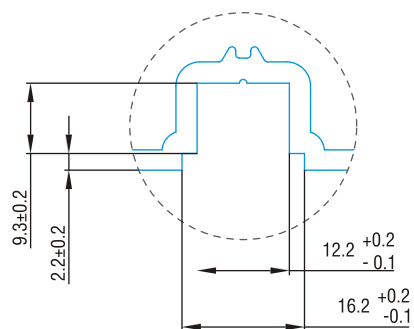




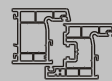
Frame & Sash Crosscut



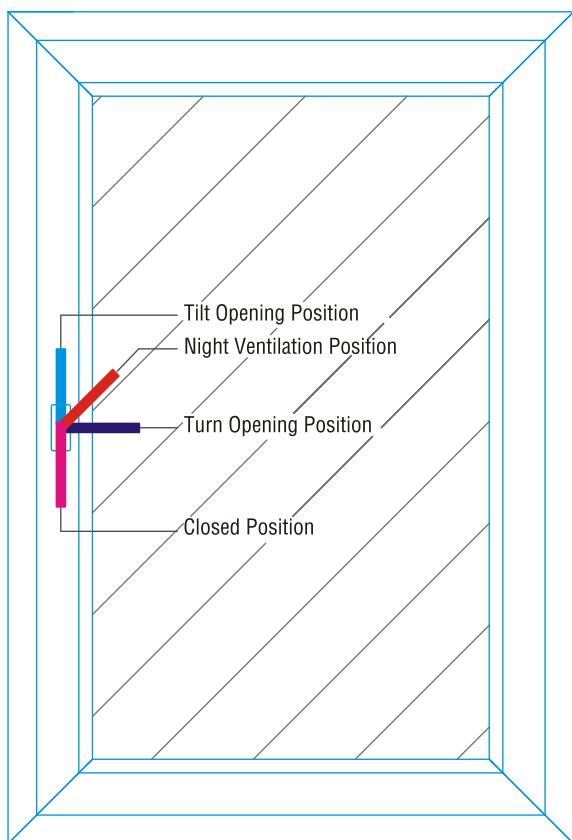
A	Backset	7.5 - 15.5 mm
B	Sash Overlap	18 - 20 - 22 mm
C	Gasket Presure Height	3 - 3.5 mm
D	Axis (groove position)	9 - 13 mm
E	Rebate Clearance	12 mm



- The gasket presure height must be have the tolerance between 3 - 3,5 mm like at the drawing. If the height is higher than 3,5 mm, the working of the system will be more difficult.
- Different profile brands have different axis (groove position). At choosing a hinge it is important to not forget the axis size of the profile. In the contrary case it is possible that will be seen problems at the systems working.
- The rebate clearance between sash and frame should be 12 mm. If it less than 12 mm it is possible to have problems at the systems working.



Handle Positions

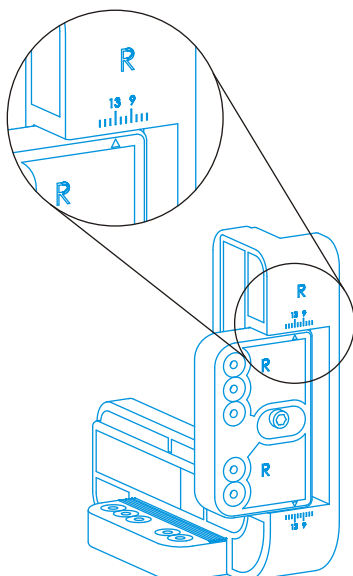


- At VORNE tilt & turn system they is a compatible part (HKE 119) to avoid a mishandling. If the handles movement is impeded, please do not force to open the window.
- For using the night ventilation opening, therefore needs following parts: window handle with 8 steps, night ventilation striker (GHK 3xxx) and corner slider KH 122.

Sash Mounting Tool

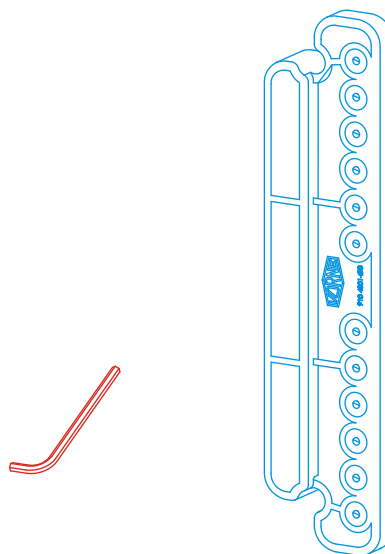
KN920-12/20 Ø3 KN920-12/20 Ø6

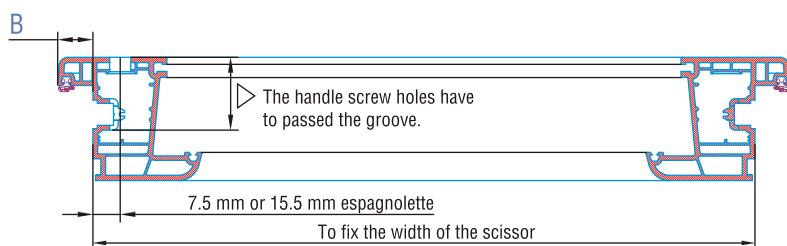
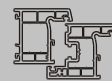
- The sash mounting tool will be send at 13 mm position. If the profile, which is used, have 9 mm axis, please change the position to 9 mm axis (see picture) with using a 4 size allen key
- Otherwise there is a tolerance +/- 2 mm, if needed another axis size.
- For the mounting of the corner pivot sash part, will be needed two different mounting tools. For "HM 126-3" KN920-12/20 Ø3 mm and for "HM 126-6" KN920-12/20 Ø6 mm.



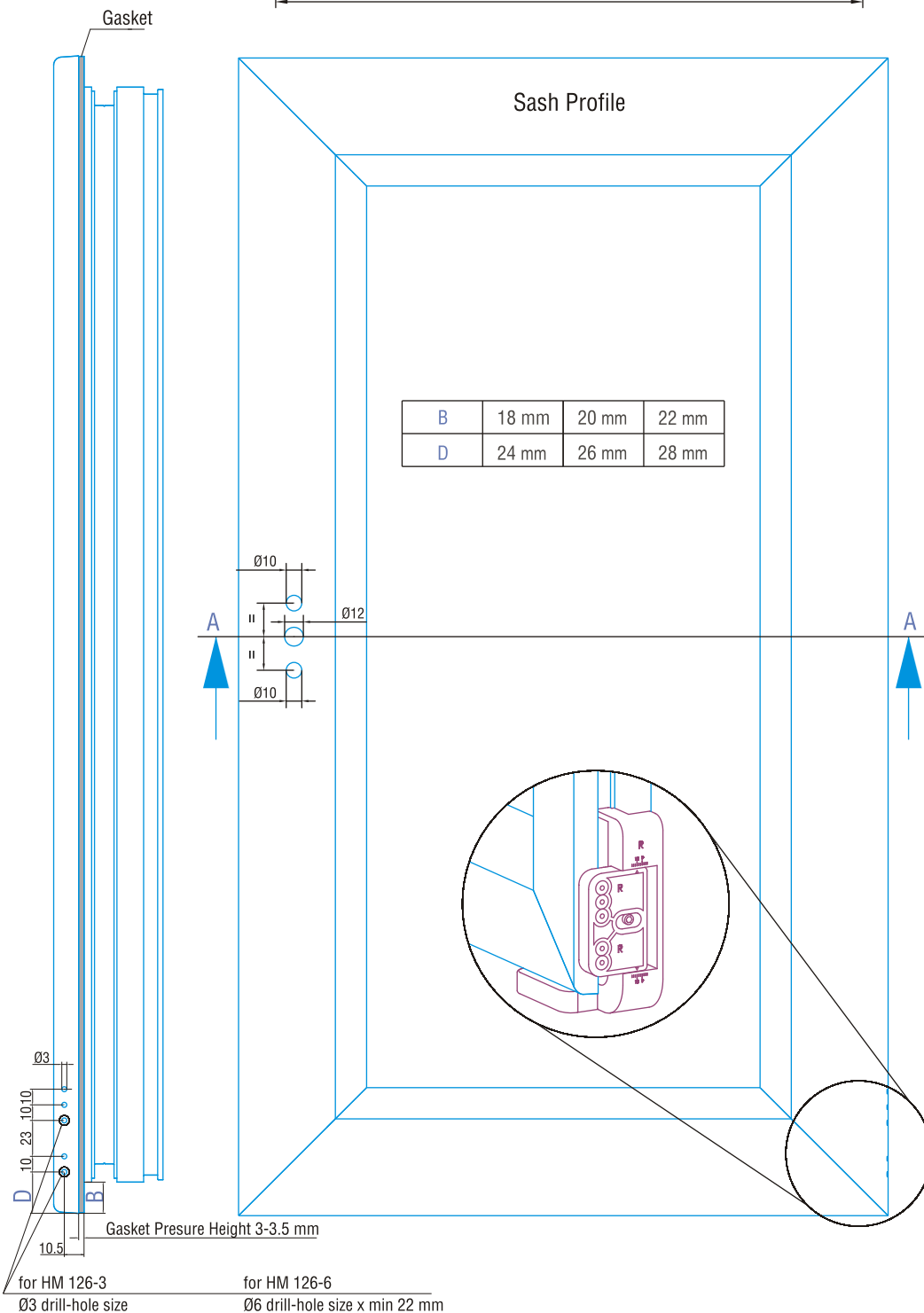
Frame Mounting Tool

KS910-12/20 Ø3 KS910-12/20 Ø6

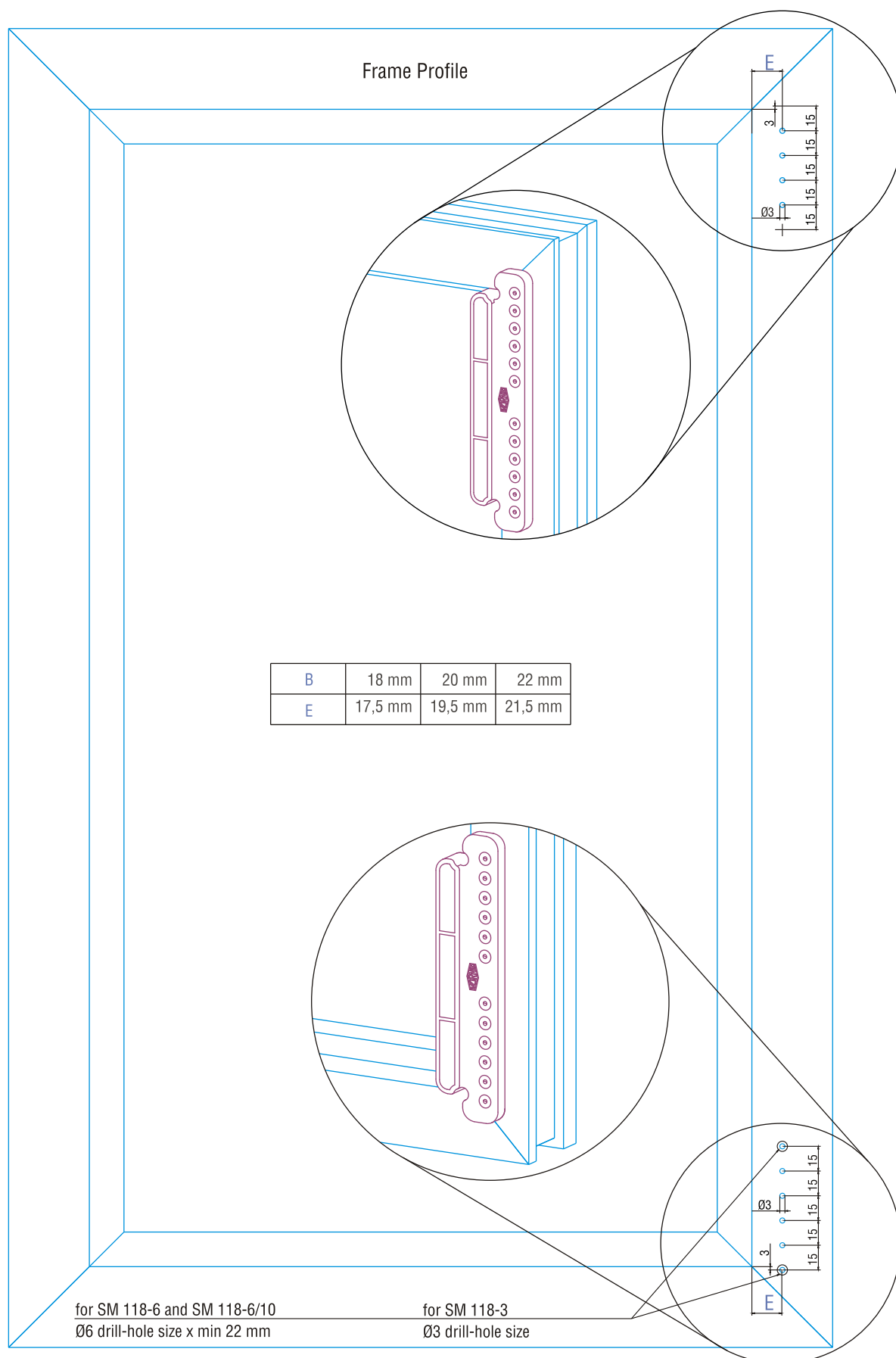


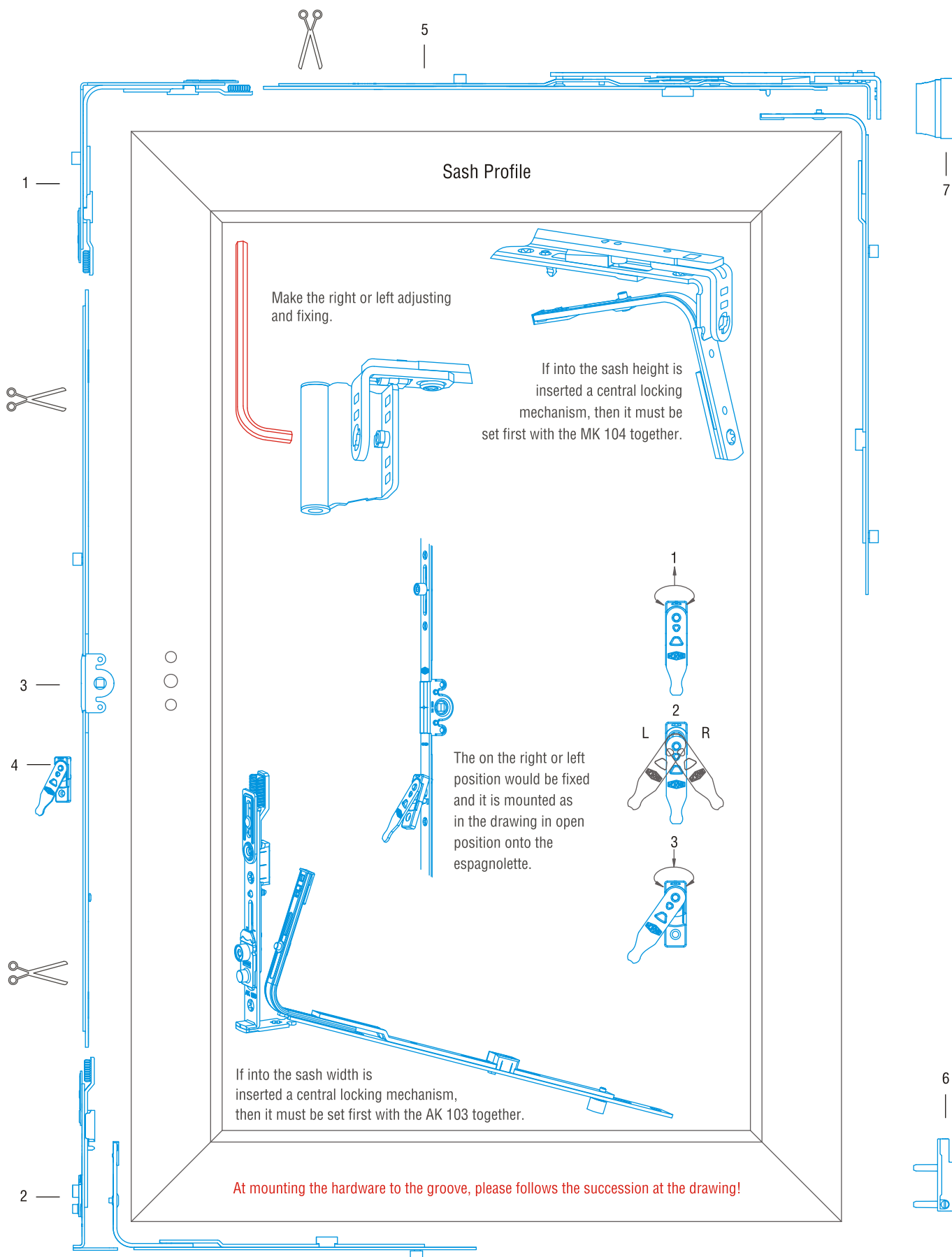
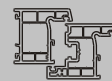


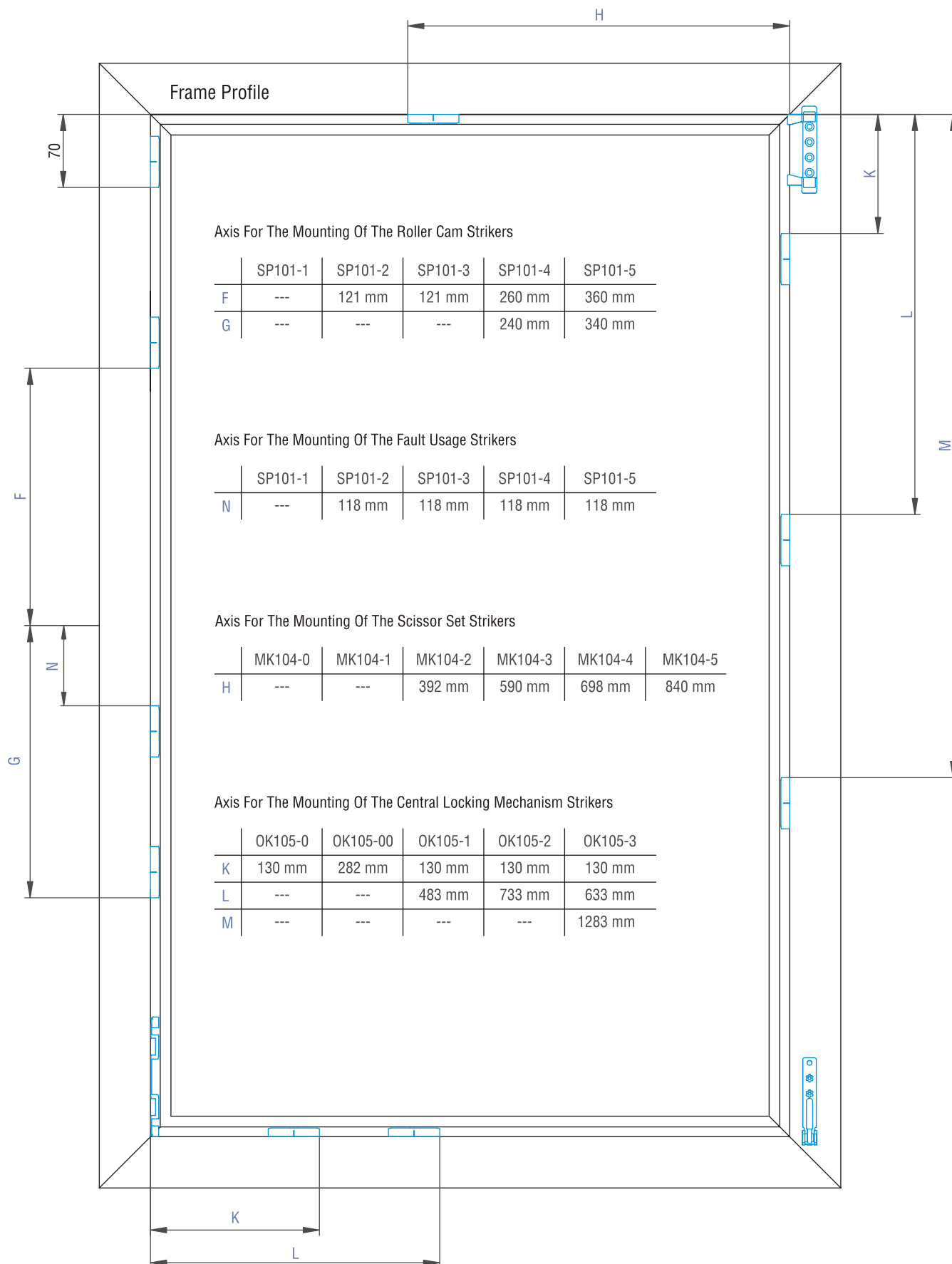
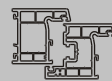
A-A Crosscut

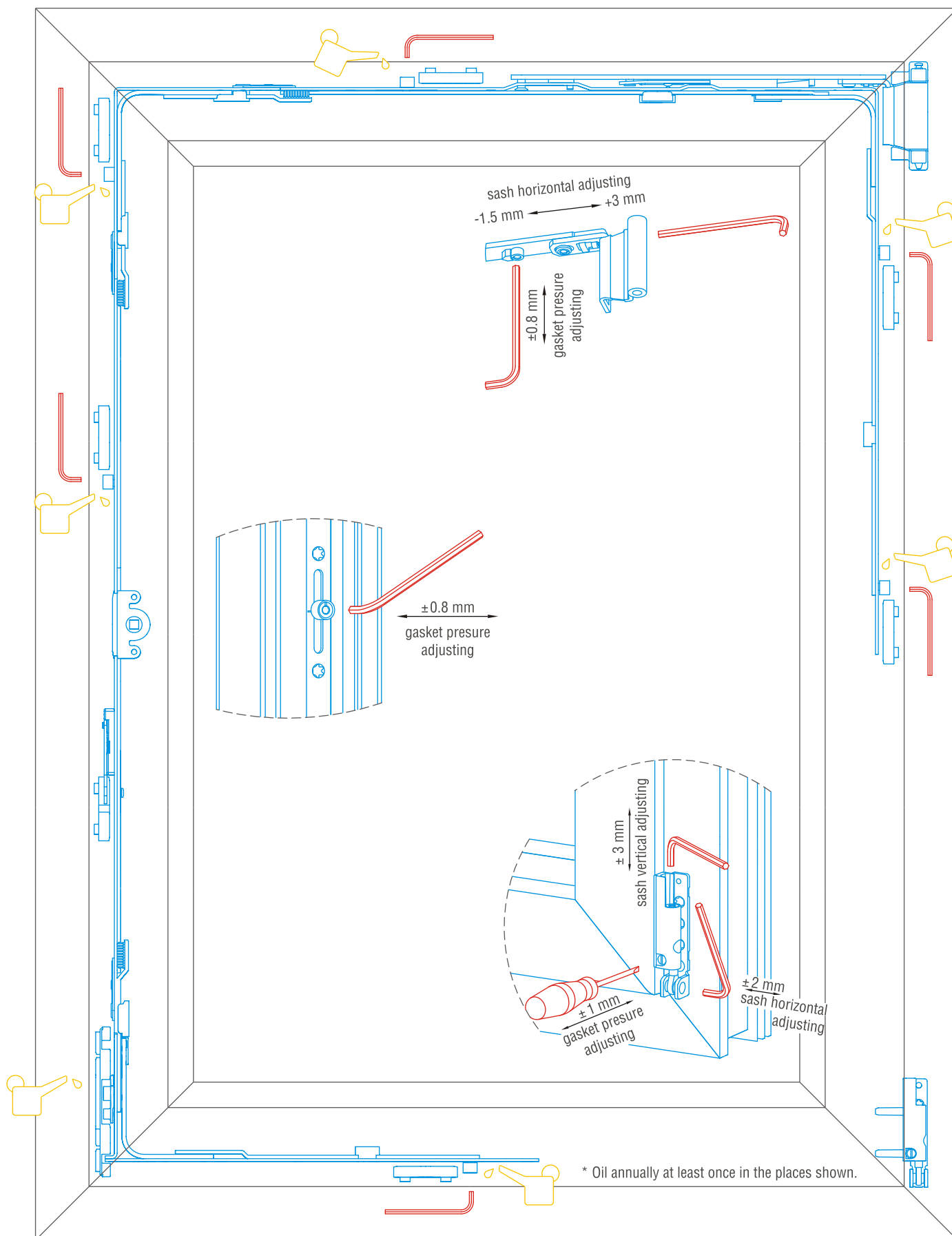
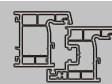


To fix the length of the espagnolette

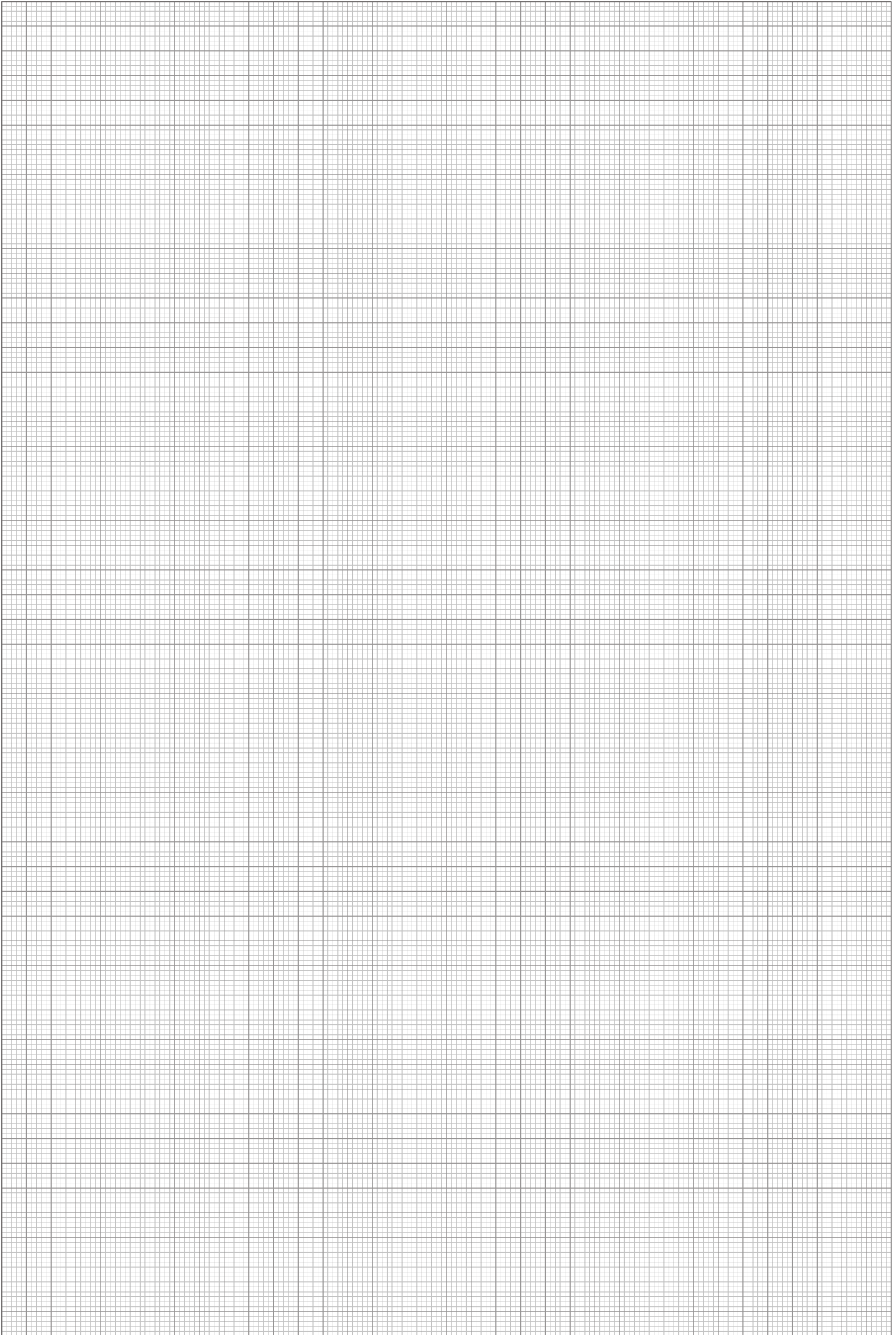








* Oil annually at least once in the places shown.





WINDOW & DOOR SYSTEMS

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