Guidelines for avoiding the inconveniences

How to bypass the inconveniences that occur in practice when installing door locks & avoid non-functional use of the door

Dear Partners,

In our long-standing practice, the development team constantly strives to develop and produce first-class products that will satisfy your requirements as well as improve the user experience of the end consumer.

With this aim in mind, we have prepared short guidelines for you, how you can avoid the inconveniences that occur in practice when installing door locks and whose factor is most often the human factor.

We have collected some of the most common cases where we have resolved complaints from our customers.

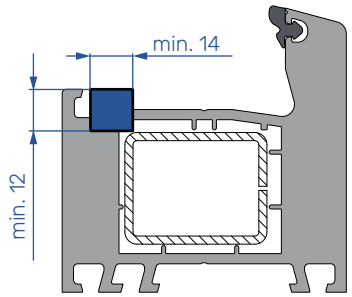
We hope that the guide will be of great help to you, which will help with easy installation and the ultimate satisfaction of your customers.

Sincerely yours,
ARX Development Team

PROFILE ROUTING

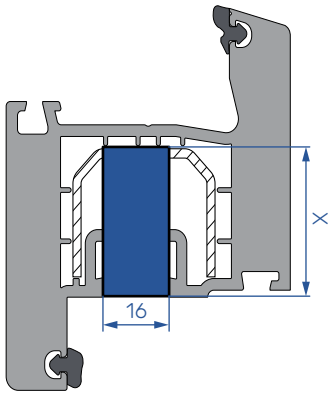
Main lock - gear box

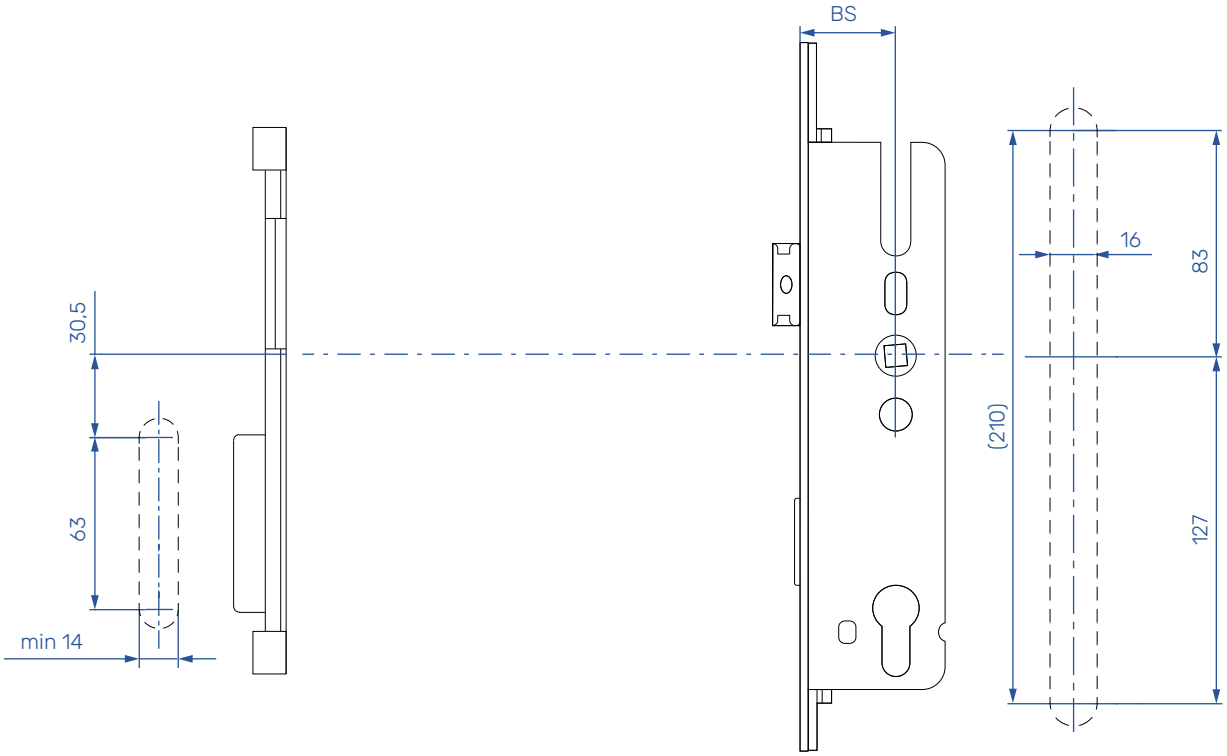
FRAME



BS	X
25	44
28	47
35	54
40	59
45	64
50	69
55	74
65	84

SASH

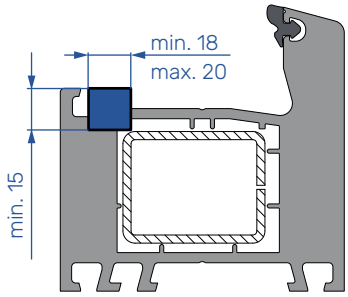




PROFILE ROUTING

Latch bolt casing

FRAME



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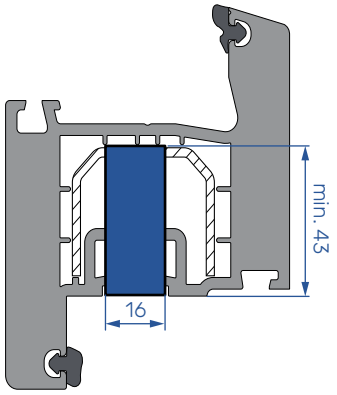
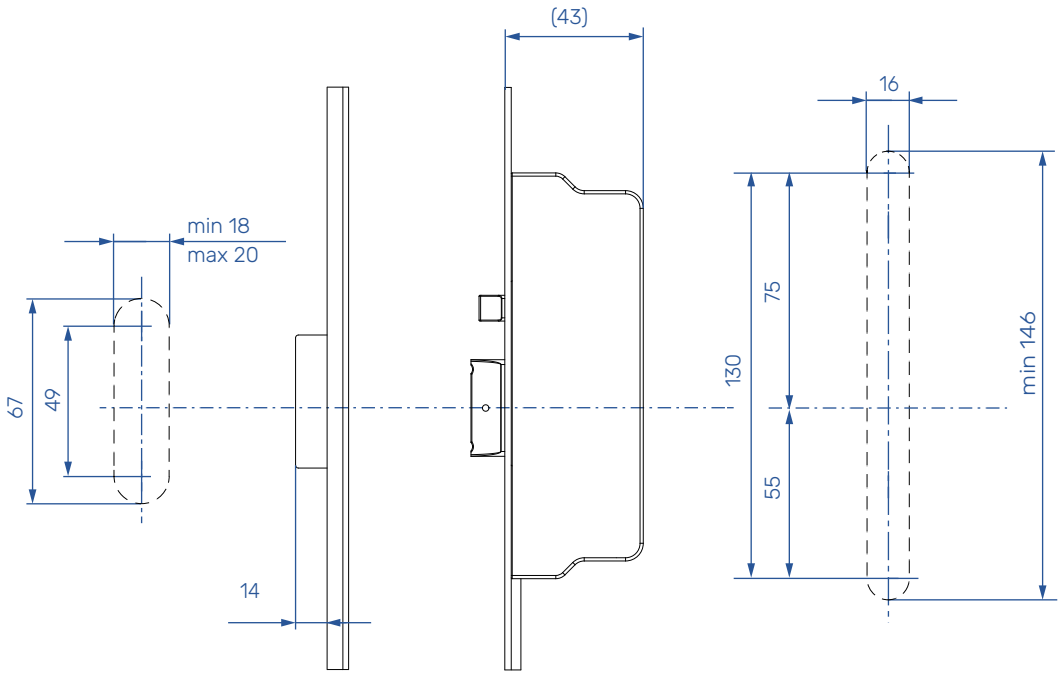
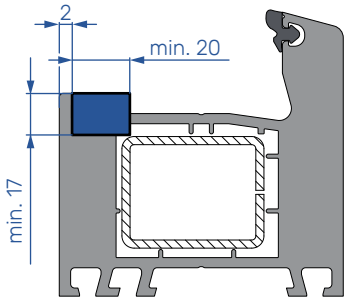




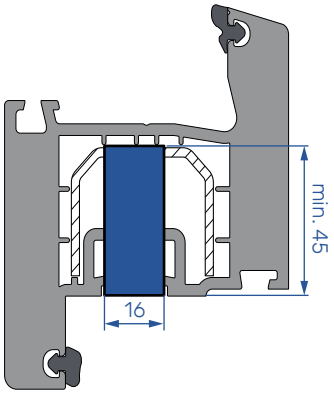
PROFILE ROUTING

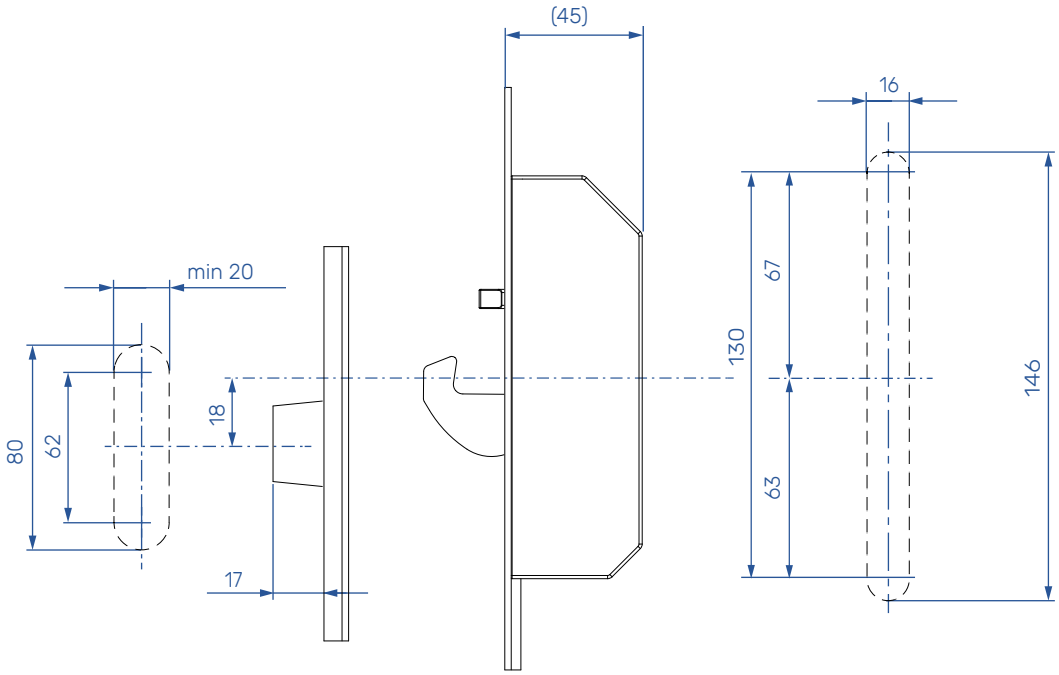
Automatic hook casing

FRAME

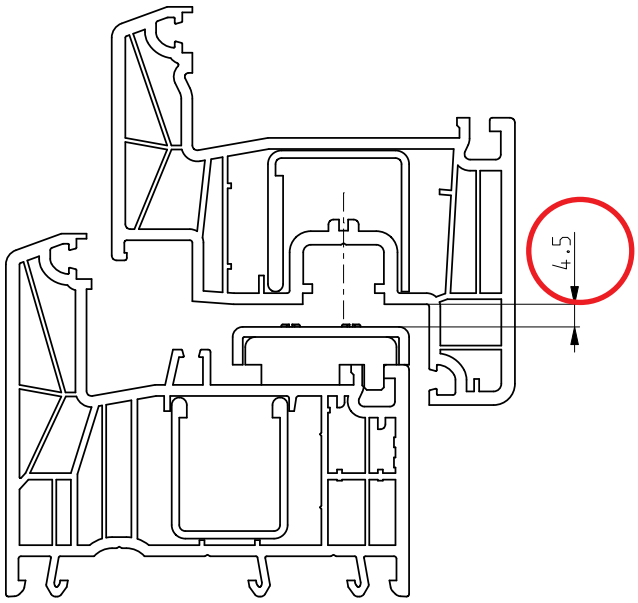


SASH





CLERANCE BETWEEN SASH AND FRAME

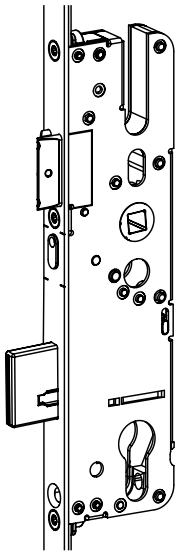


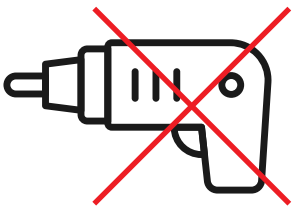
Clearance between sash and frame needs to be 12mm.

In this case, clearance between triggering mechanism and the striker is 4,5mm -> which is OPTIMAL

Too big of a clearance causes inaction of triggering mechanism

DRILLING FOR HANDLES





Drilling for the handles needs to be made before door lock is installed into the door

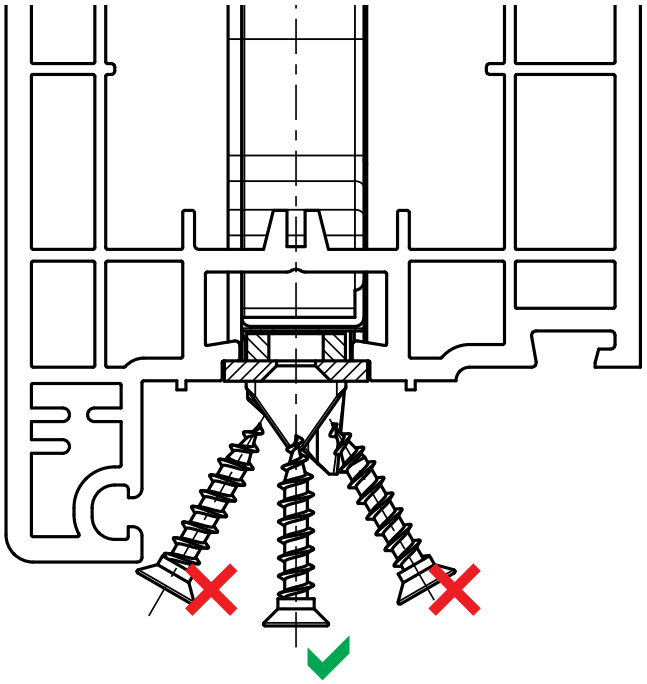
Profile drilling when door lock is already mounted into the profile, can cause mechanical damage of the door lock and can cause inconveniences by door lock operation

CLEANING AFTER ROUTING

After profile and steel reinforcement routing operation, profile needs to be cleaned, so that there are no small particles

Small particles can get into the door lock mechanism and can cause problems for door lock operation

SCREWING



It is important for optimal performance, that all screws are screwed under 90°.

Wrong positioned screws may prevent moving of the driving road and prevent function of door lock

GLUE OR FOAM USE

If glue or foam is needed in the process of door production, it is important to avoid contact between door lock and glue

Glue or foam can cause defects on door lock mechanism

SCREWS FOR PROFILE CYLINDER

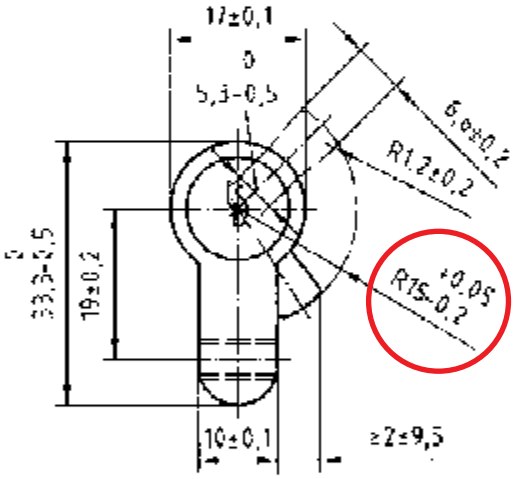
If screw for profile cylinder is to long, it hits the steel reinforcement and pushes the profile cylinder and door lock out of the profile

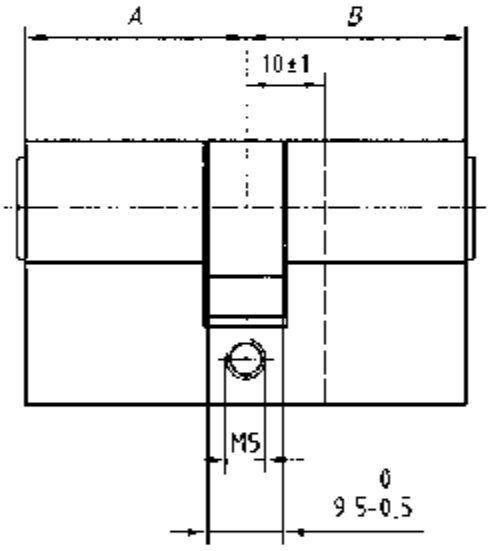
Too long screw for profile cylinder can cause inaction of door lock mechanism

UNDERSIZE PROFILE CYLINDER

For easy functioning of doorlock is important to use profile cylinder produced according DIN 18252

Undersized profile cylinder can cause blockage of door lock mechanism





DOOR INSTALLATION INTO THE WALL

Doors need to be installed into the wall in horizontal and vertical correct direction

Wrong installation can cause inaction of door lock mechanism

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