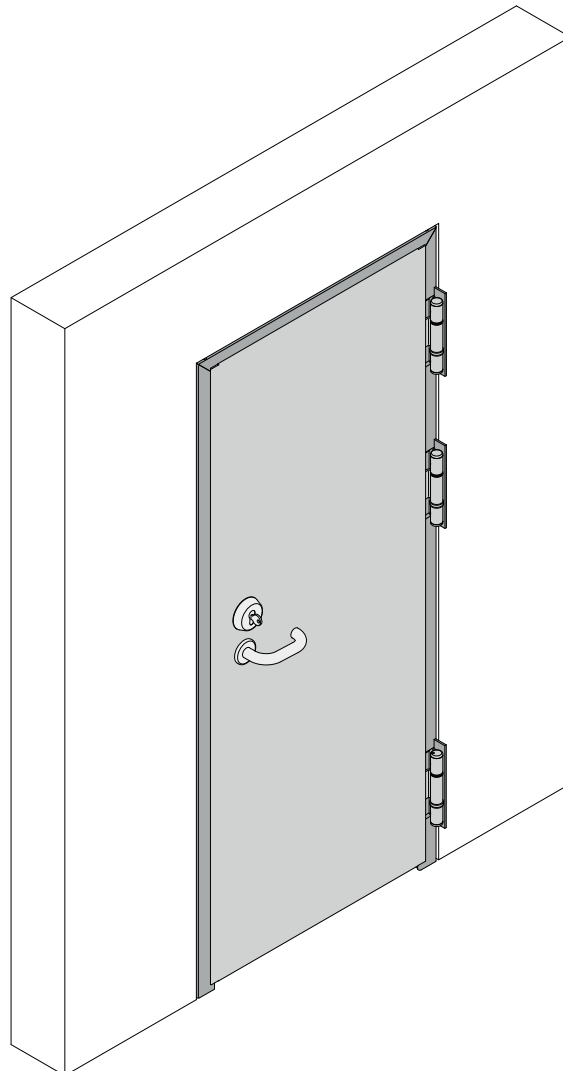


Single and double-leaf steel doors SR3

Planning, Installation and Maintenance Instructions



LPS 1175: Issue 7
Cert/LPCB ref. 1476a

ENGLISH **3**



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Document information

Instructions for steel doors: „Teckentrup 62“ SR 3

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- All dimensions in millimeters (mm)
- Subject to changes.

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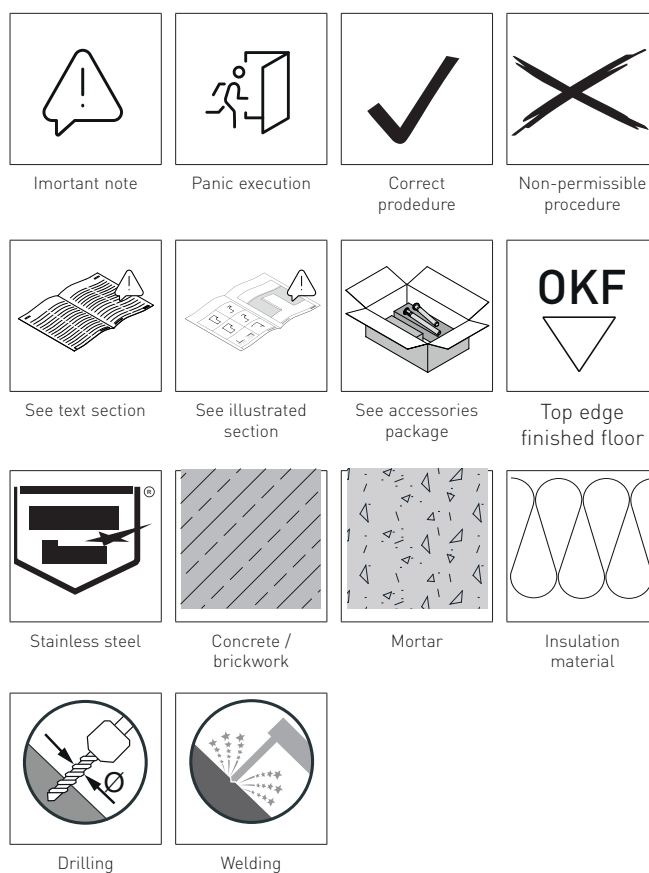
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1. About these instructions

Please read and follow these instructions carefully! They provide you with important information about the installation, operation, proper care and maintenance of your steel door.

Should you have any questions after working through these instructions, please contact our customer Service.

1.1 Symbols used



2. Warning used

Instructions with the word DANGER warn against imminent dangerous situation that can result in serious injury or death.

In the illustrated section, the instruction refers back to the explanation in the text part.

DANGER!

Danger to life while fitting the door steel

During fitting, the door or door frame can fall and kill persons.

- Prior to and during fitting, secure the door and door frame against falling over.
- Only qualified and instructed personnel may perform fitting and maintenance.
- Electrical work may only be carried out by qualified electricians.
- Zu Ihrer eigenen Sicherheit müssen Sie die Einbauschritte in der Reihenfolge ausführen, die diese Anleitung vorgibt.
- Mount the door only on surfaces that allow the assembly statically.
- Do not make any alterations through attachments or conversions which could impair safety.
- Exclude hazards caused by gas, dust, vapour, smoke fire and explosion during welding, burning and grinding work.

2.1 Warranty

A warranty as regards functioning and safety can only be provided if

- the safety and warning notices have been adhered to,
- installation has been carried out correctly and in the order specified in the instructions,
- only authorized accessories are used,
- the supplied parts have not been adjusted or rebuilt,
- regular door maintenance has been carried out,
- the operator has been provided with all the relevant operating instructions.

Failure to observe these installation and operating instructions will void the warranty.

3. Requirements for protection class SR3

3.1 General on protection class SR3

- The operator is responsible for the flawless condition of the door.
- Corner frames must be splayed prior to backfilling to ensure that they do not buckle under the pressure of the mortar.
- The burglar resistance of the door is only guaranteed when all the lock bolts are fully closed and the key is removed.
- With anti-panic doors, intrusion with a wire must be hindered, e.g., by a small bottom air gap or using a half-round threshold (see section 8.2 - gap dimension).
- For doors, set the gap between the rebate spacer and the door leaf / frame by inserting plates / washers under ≤ 1 mm.
- The frames must be all-round backfilled in a pressure-resistant manner. Recommendations see section 8.
- The door leafes must be secured to the hinges (see picture section 8.8).
- Use the supplied seal profiles.

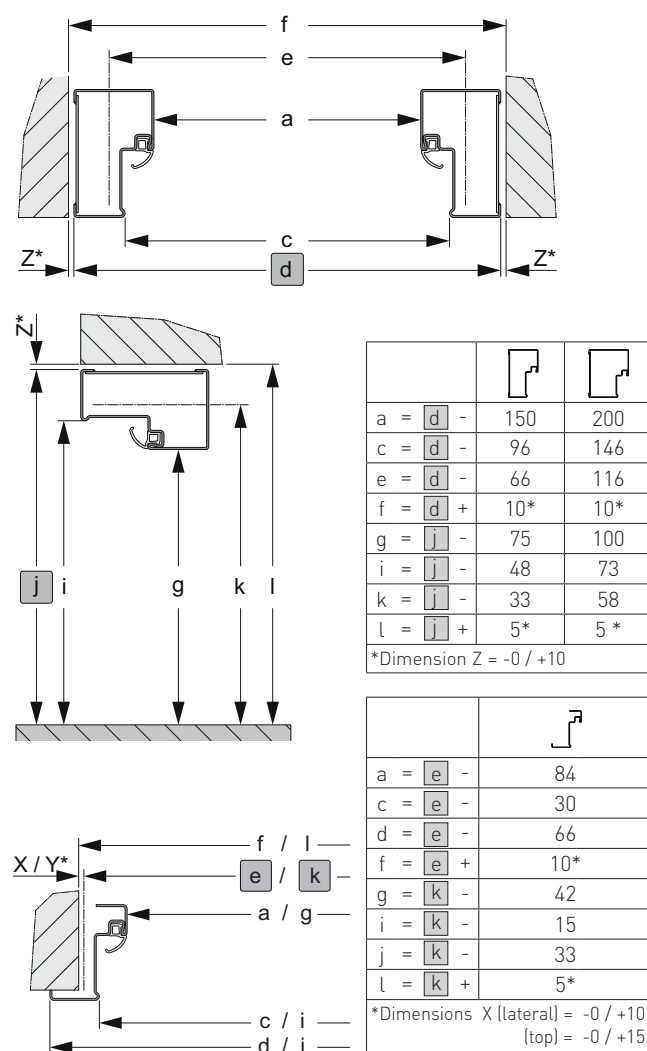
4. Fitting

4.1 Before fitting

Before fitting, please clarify the following questions:

- Are building regulations known?
- Is the wall structure suitable for installing the door?
- Do you know the height of the finished floor (metre line)?
- In which direction should the door open?
- Does the wall need to be chiseled out in the area of the protective boxes?

4.2 Dimensions



- a / g Clear opening width / height
- c / i Clear rebate width / height
- d / j Overall frame dimension width / height
- e / k Ordering width / height
- f / l Clear unfinished structure dimension width / height
- X / Y / Z Approved tolerances for the wall opening dimensions

4.3 When fitting

- Observe the fitting instructions in the accessory packs.
- Use the fitting material when supplied, e.g. wall plugs, screws or mounting plates.
- Use the wall plugs or screws specified in section 8 and observe the manufacturer's instructions for mounting plates.
- Please note that, for frames for finished floors, the bottom fitting bracket must be removed after fitting.
- It must be used in the door frame all mounting points.

4.4 Information on illustrated section

See section	Description
8	Overview of fitting situations
8.1	Number of fixing points
8.2	Gap dimension
8.3	Installation sequence
8.4	Removing the door leaf
8.5	Assembling the door frames
9	Fitting situations
9.1	Fitting the block frame
9.2	Fitting the corner frame
9.3	Fitting the counter frame
9.4	Fitting the door leaf
9.5a/8.5b	Seals
9.6	Adjusting the gaps
9.7	Rebate spacer
9.8	Securing the hinges
10.1	Ground threshold
10.2	Bottom buffer strip
10.3	Mounting the threshold for panic doors
10.4	Ground sleeve
11.1	Bottom seals

5. Maintenance and care

5.1 Annual maintenance work

- Check it
 - Door leaf, frame and fastening for mechanical and corrosion damage.
 - the function of the lock and grease the latch if needed.
 - the fastening of the attached parts, such as lever handle, lock, door closer, hinges etc.
 - the gap dimension.
 - the identification is visible.
- Lubricate the locks with non-resinifying oil.
- Grease hinge pins and bearing rings.
- Replace defective parts.
- Only use original spare parts from the manufacturer.

If you discover defects that you yourself cannot remedy, call in a specialist company.

5.2 Required surface treatment for elements with primer

- The surface of the door leaves and frame persists
- Powder-coated primer on based environmentally friendly polyester powder (see Sticker).
 - wet-paint-2K-PUR primer on based one acrylic resin
- Remove the seal(s).
 - Sand all of the surfaces to be painted
 - Clean the surfaces thoroughly.

Use for finishing coating of door leaf and frame with the following coating structure:

- with powder-paint primer
- a 2K polyurethane varnish or
 - synthetic resin paints, then an epoxy primer must first be applied.

- with wet-paint primer
- commercially available 1K and 2K paint

Do not use dark paints in direct sunlight..

Observe the processing instructions of the paint manufacturer. Test a sample surface. Finish the products within three months of fitting to avoid corrosion damage.

- After the paint has dried, reattach the seal(s) .

⚠ ATTENTION!

On galvanized surfaces we advise, due to the saponification (loss of adhesion), not from an overcoating with synthetic resin paint.

End-coated doors

For observe the sticker on the door leaf.

Foiled doors

Remove the foil before commissioning.

Cleaning


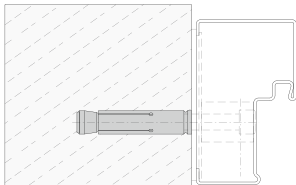
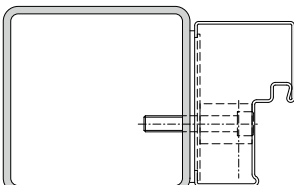
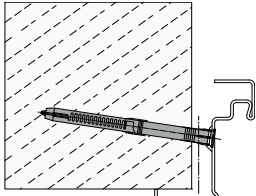
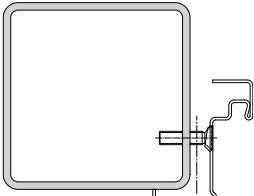
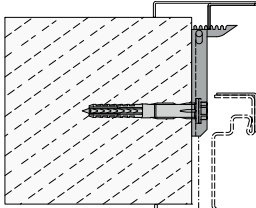
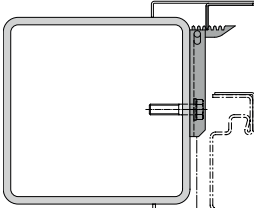
- Clean the surfaces with clear water or conventional paint cleaner.
- Regularly clean for stainless steel components by applying stainless steel care products and with a soft cloth.

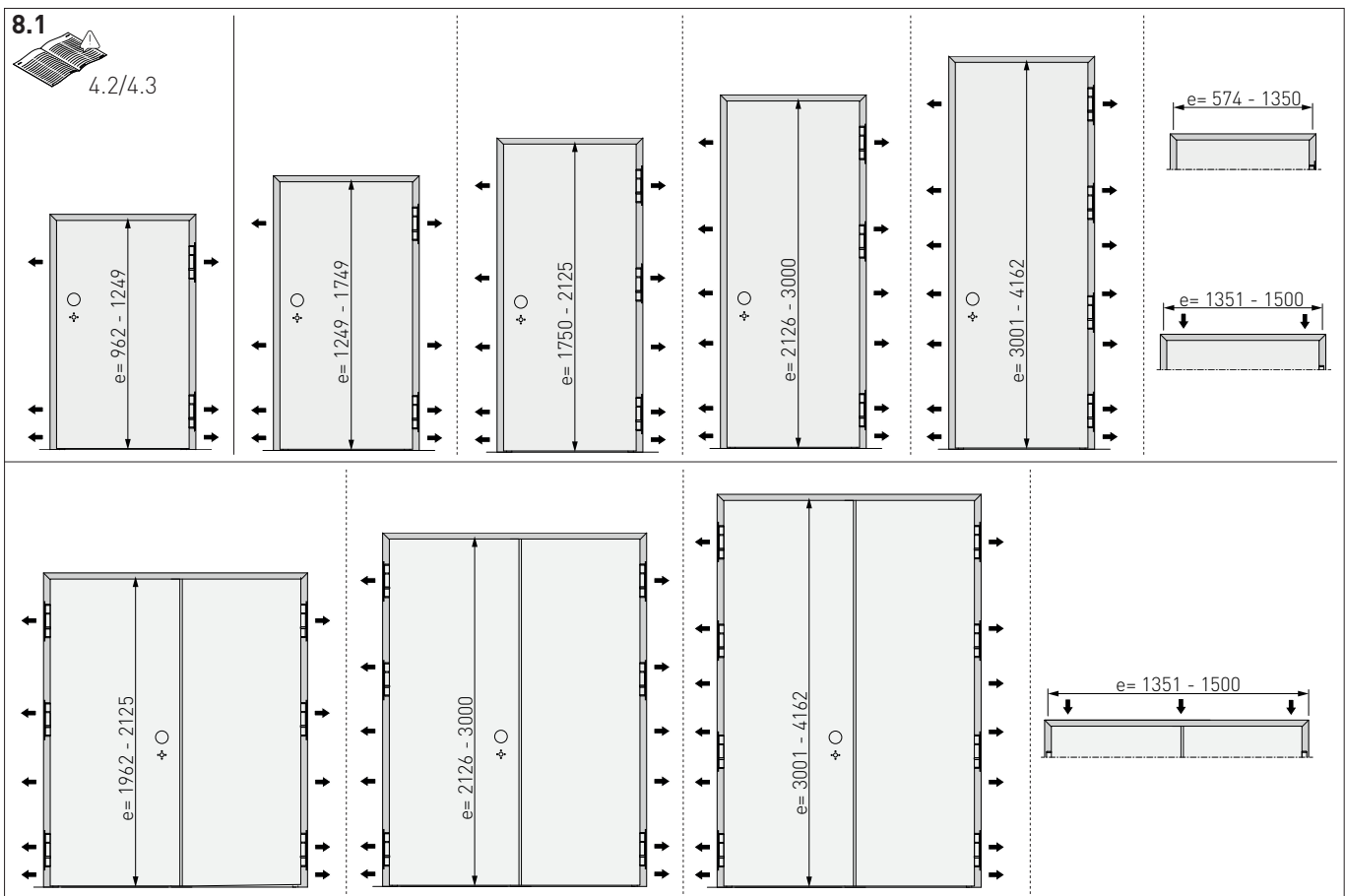
6. Labelling


The labelled is in the rebate area of the door.

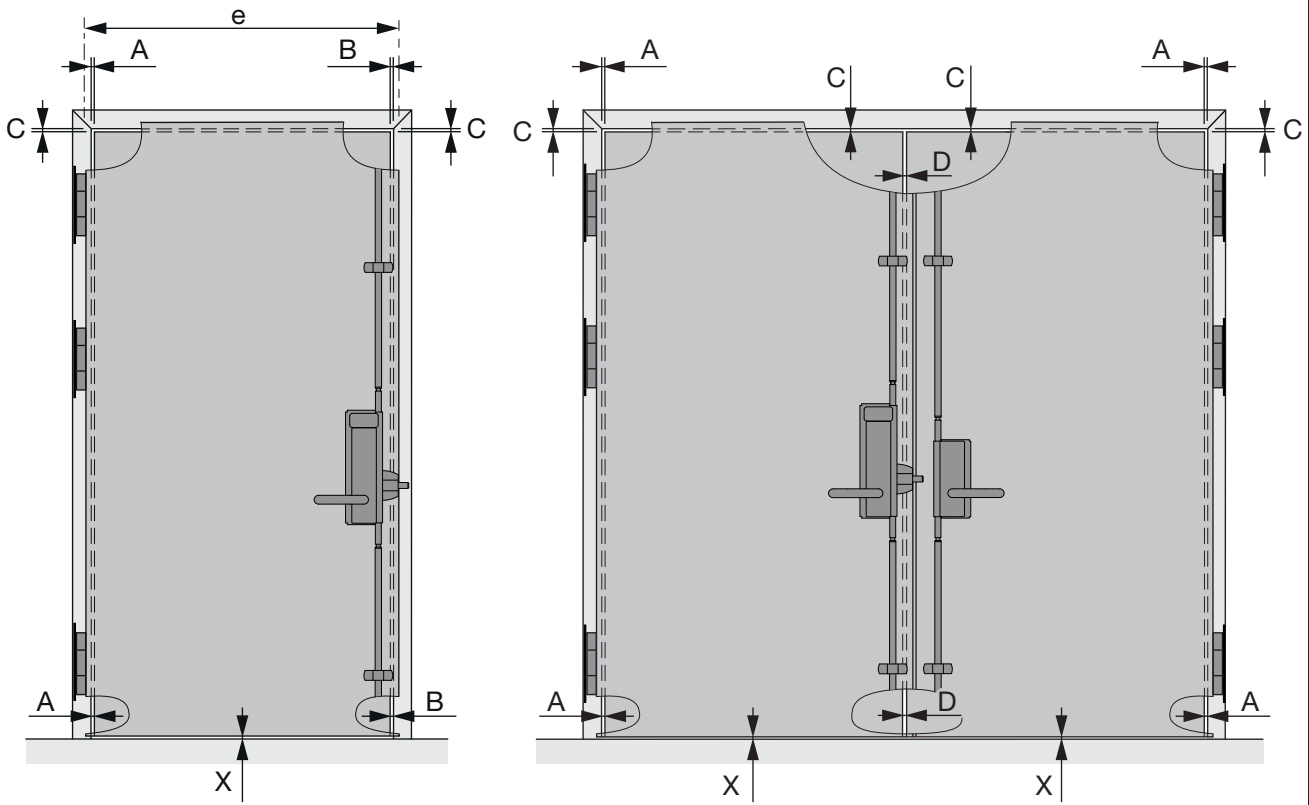
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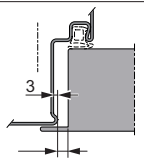
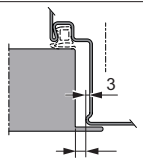
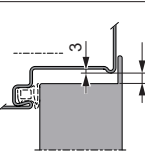
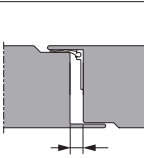
Putting the door into operation is prohibited until it has been established that the door has been installed in accordance with our specifications and its function has been properly tested. The classification becomes invalid if an alteration to the product is carried out without consultation with us.


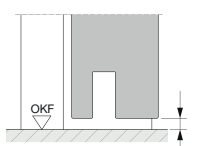
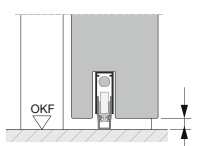
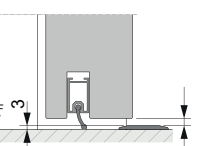
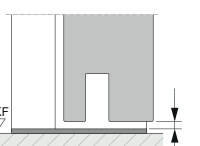
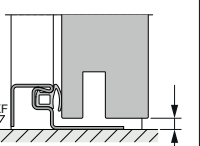
<p>8</p>  <p>4.3/4.4</p>	
<p>Wall plugs with stainless steel cylinder head screws M12</p> 	<p>Stainless steel cylinder head screws M12</p> 
<p>Wall plugs with countersunk screws Ø10x160</p> <p>Backfilling the frame: Mortar</p> 	<p>Cylinder head screws M6</p> <p>Backfilling the frame: Mortar</p> 
<p>Wall plugs with hexagon head screws Ø8x80</p> 	<p>Cylinder head screws M5</p> 



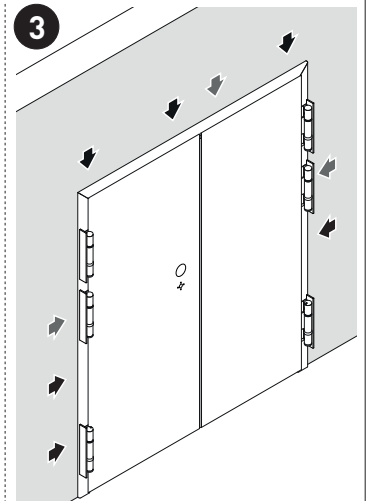
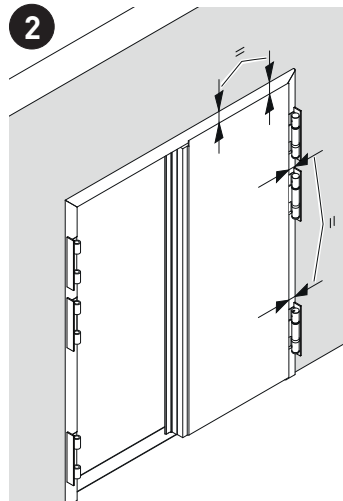
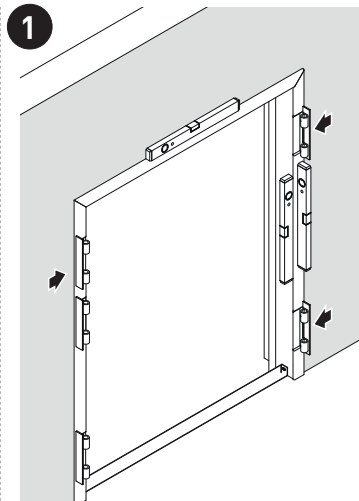
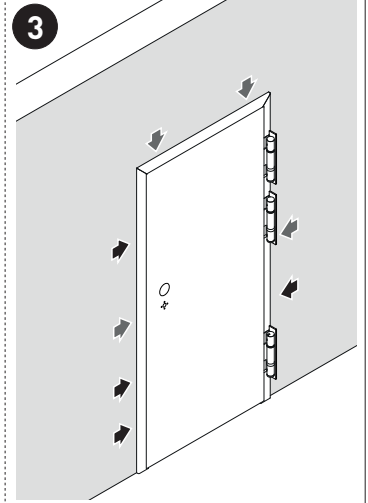
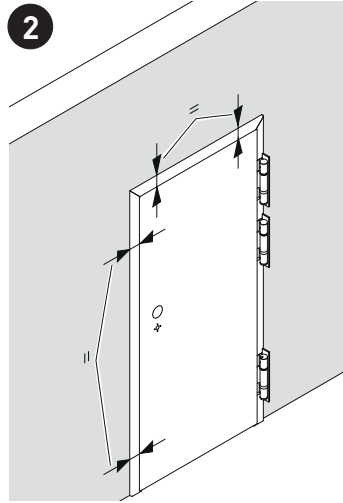
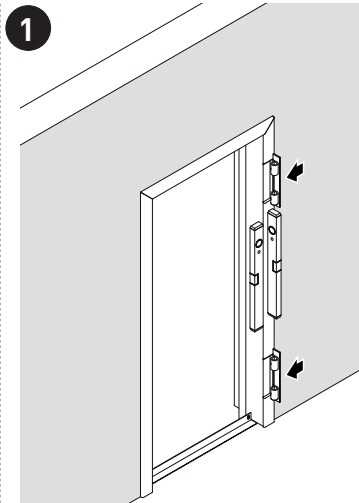
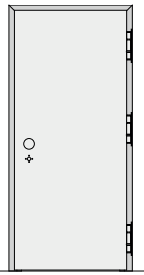
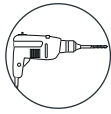
8.2  4.3



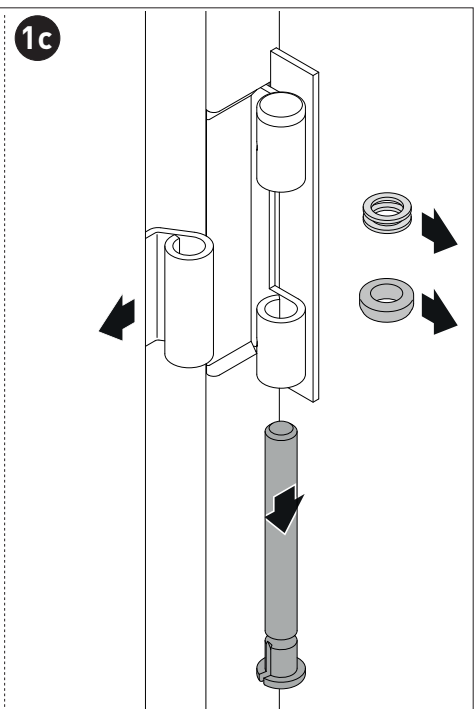
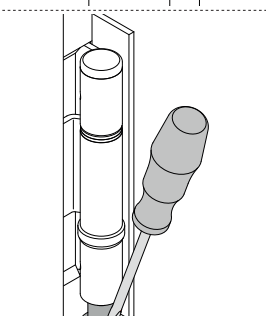
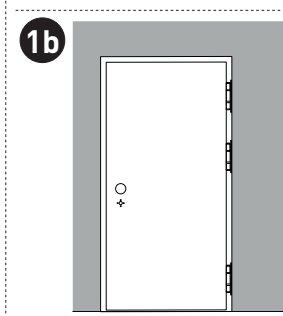
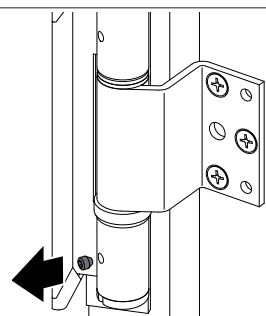
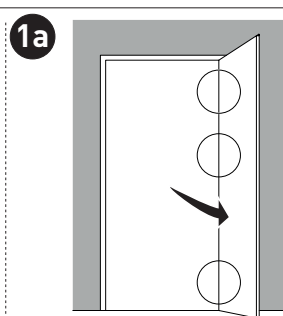
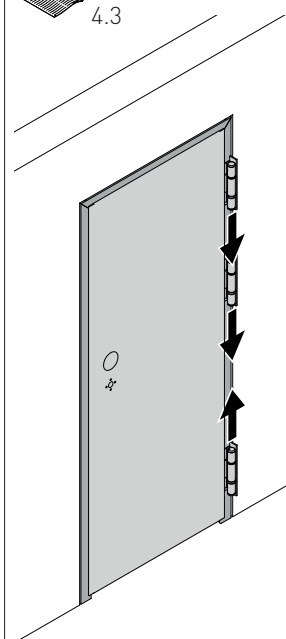
Gap dimension			
A	B	C	D
			
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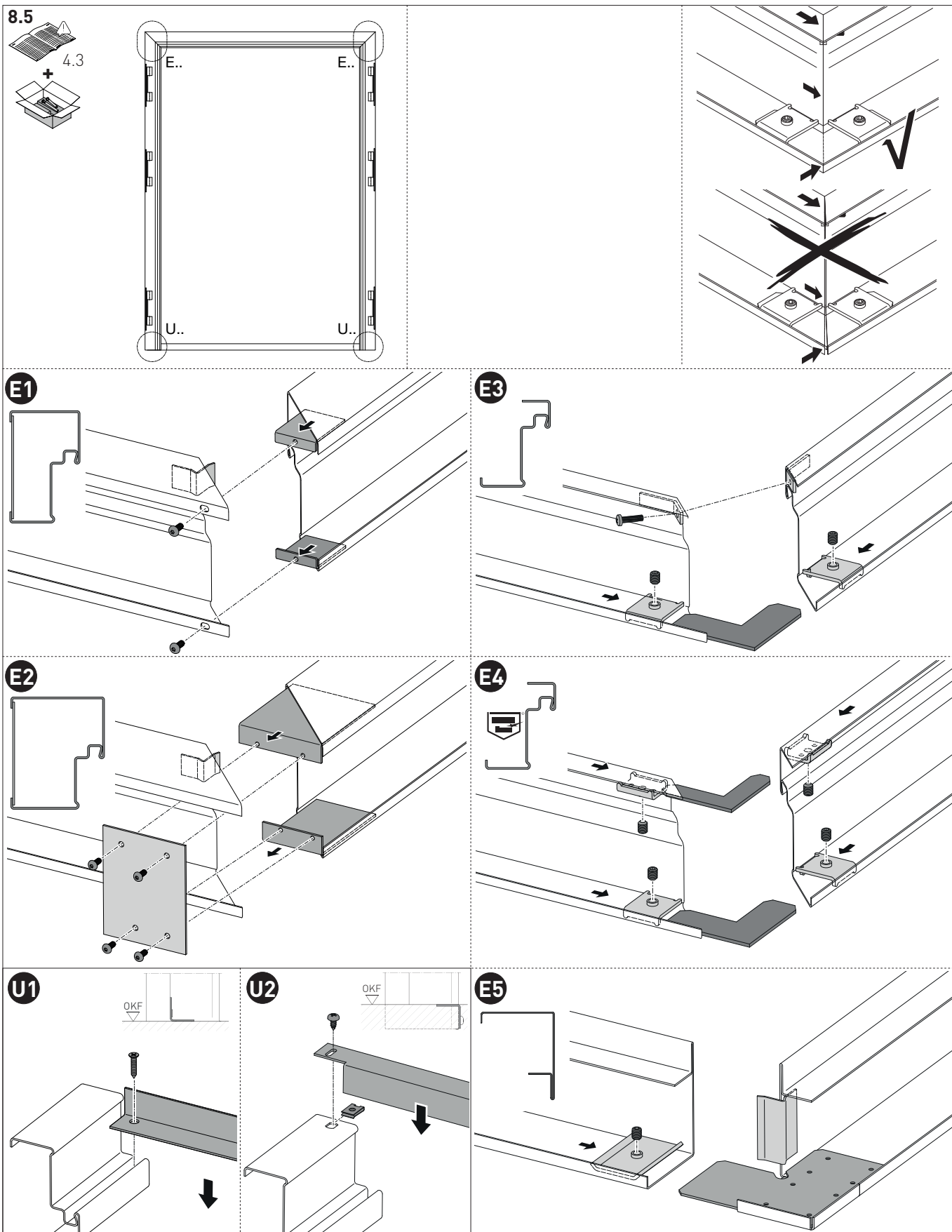
	Gap dimension				
	X				
					
with out	$6^{+4/-2}$	$8^{+2/-4}$	$5^{+2/-1}$	$5^{+2/-1}$	$8^{+7/-4}$
with	≤ 3	≤ 3	≤ 3	≤ 3	≤ 3

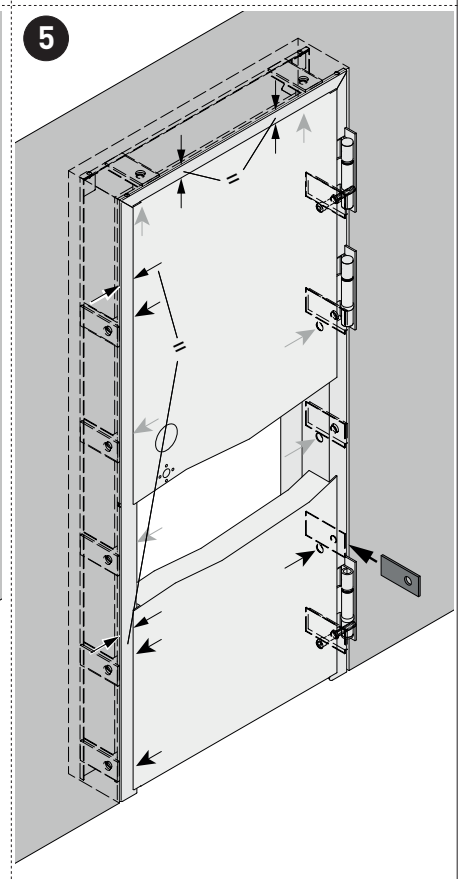
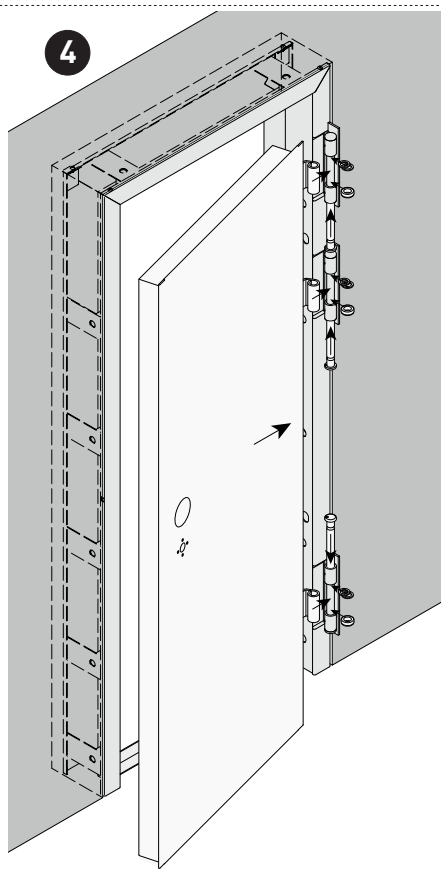
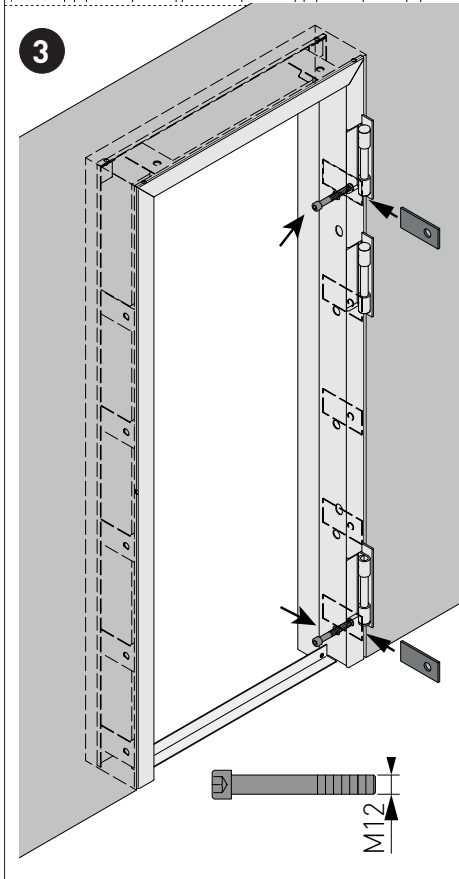
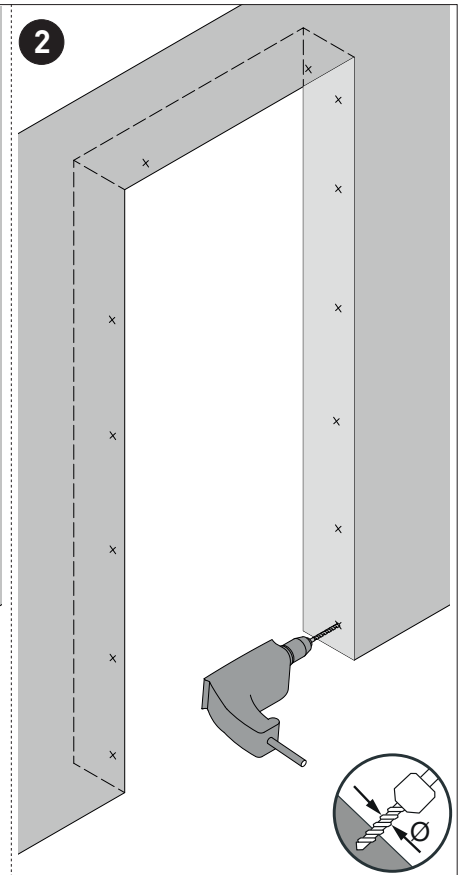
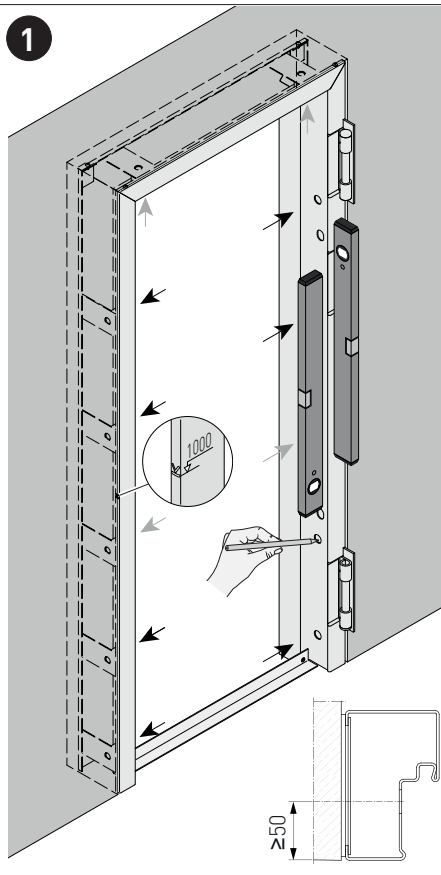
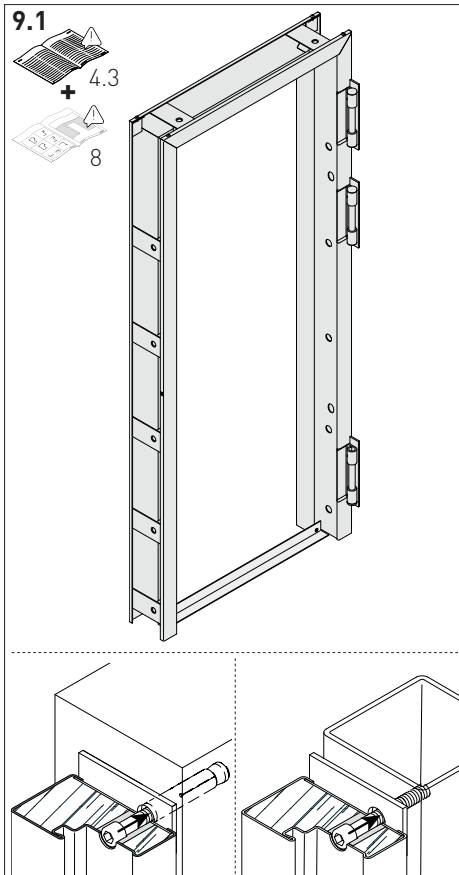
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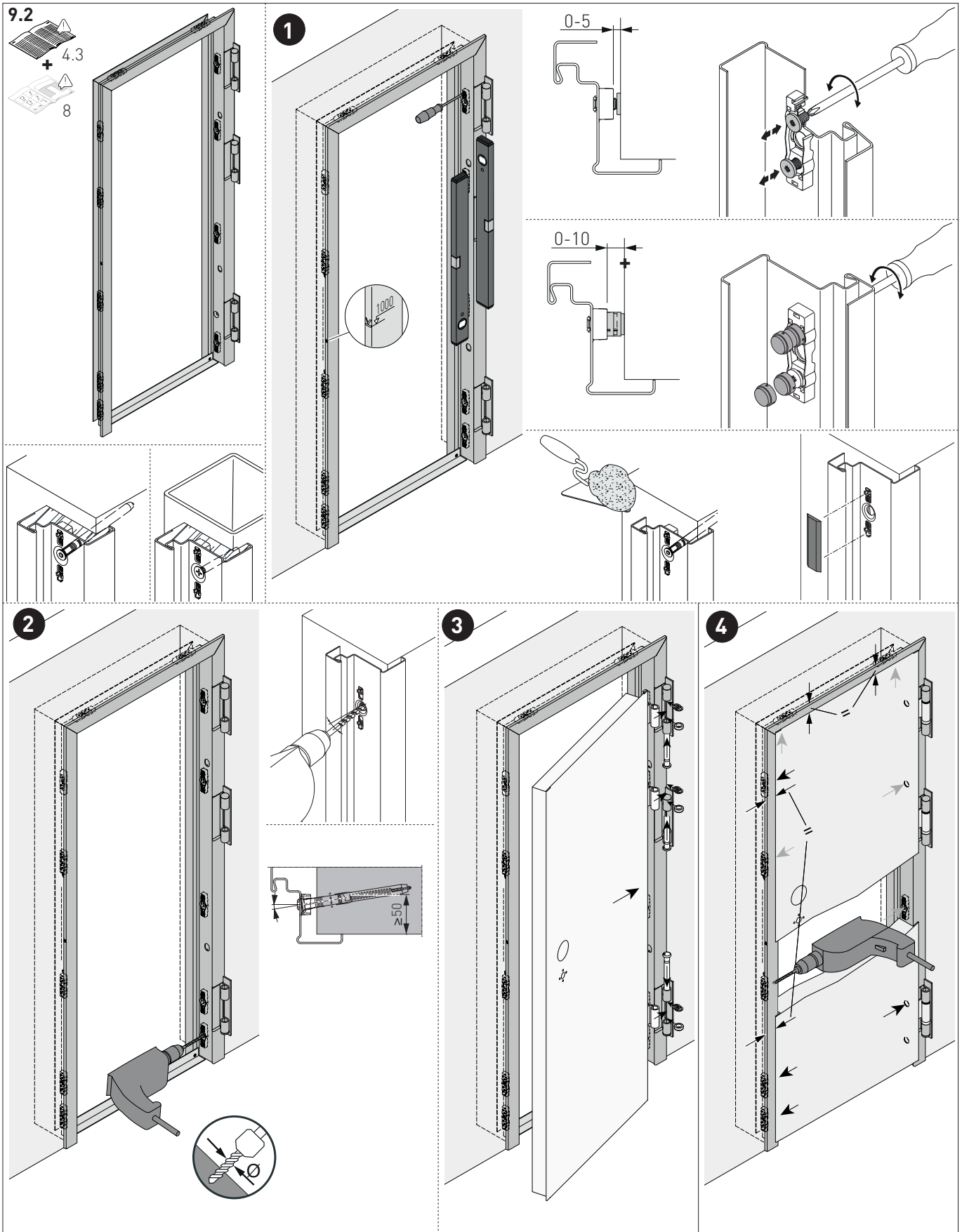


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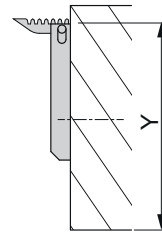
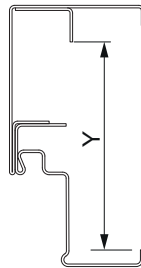
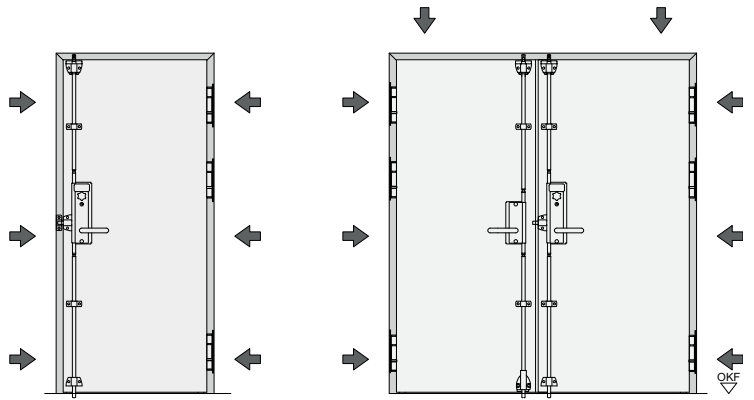
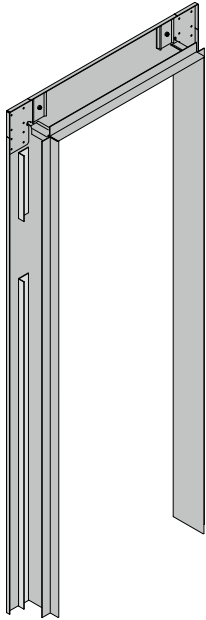
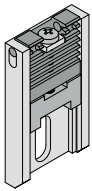
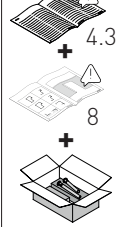




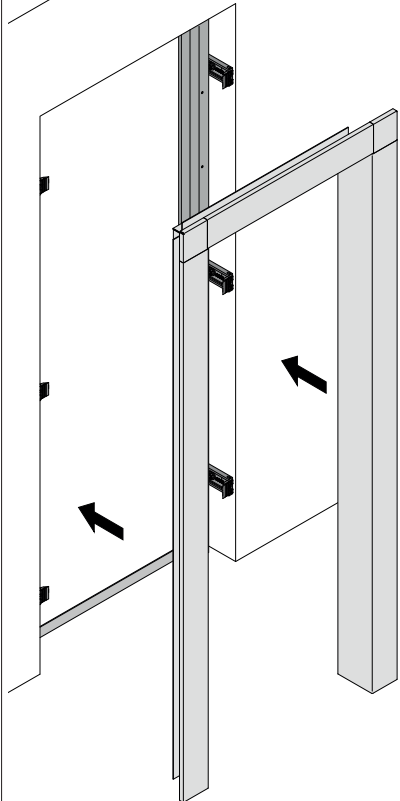




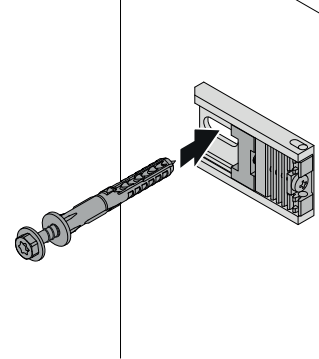
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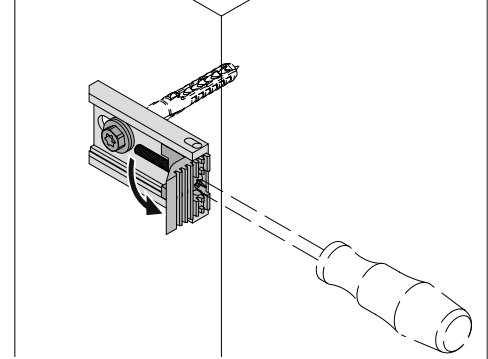
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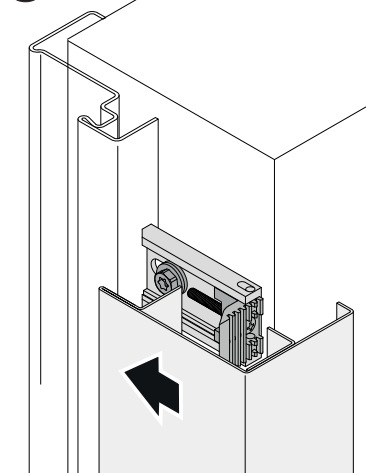
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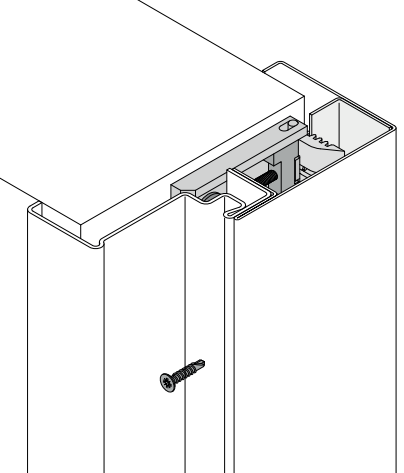
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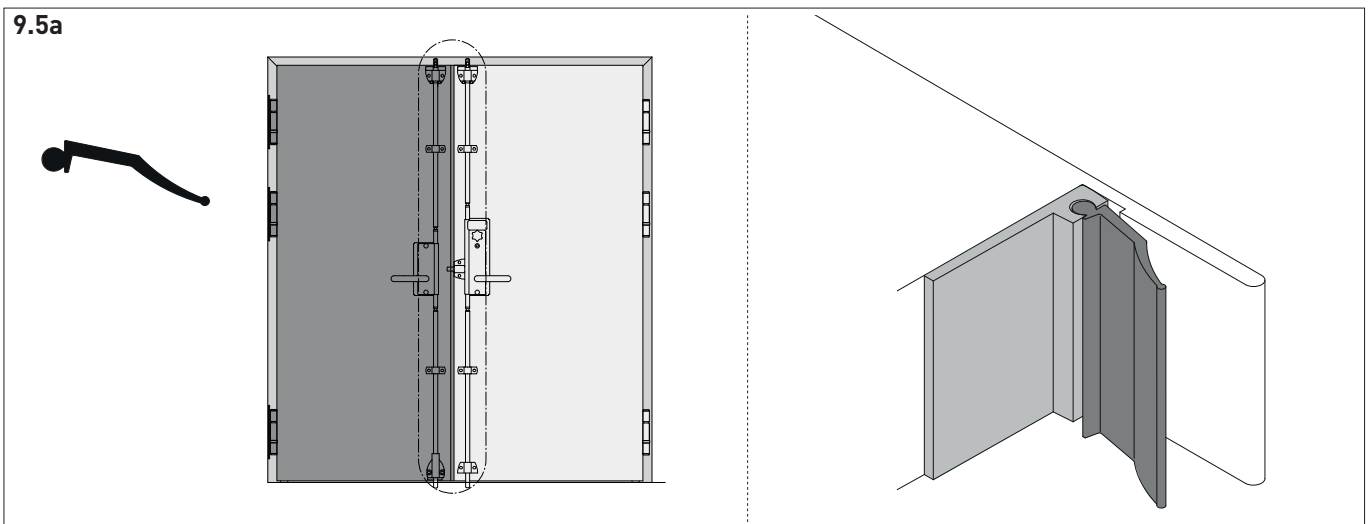
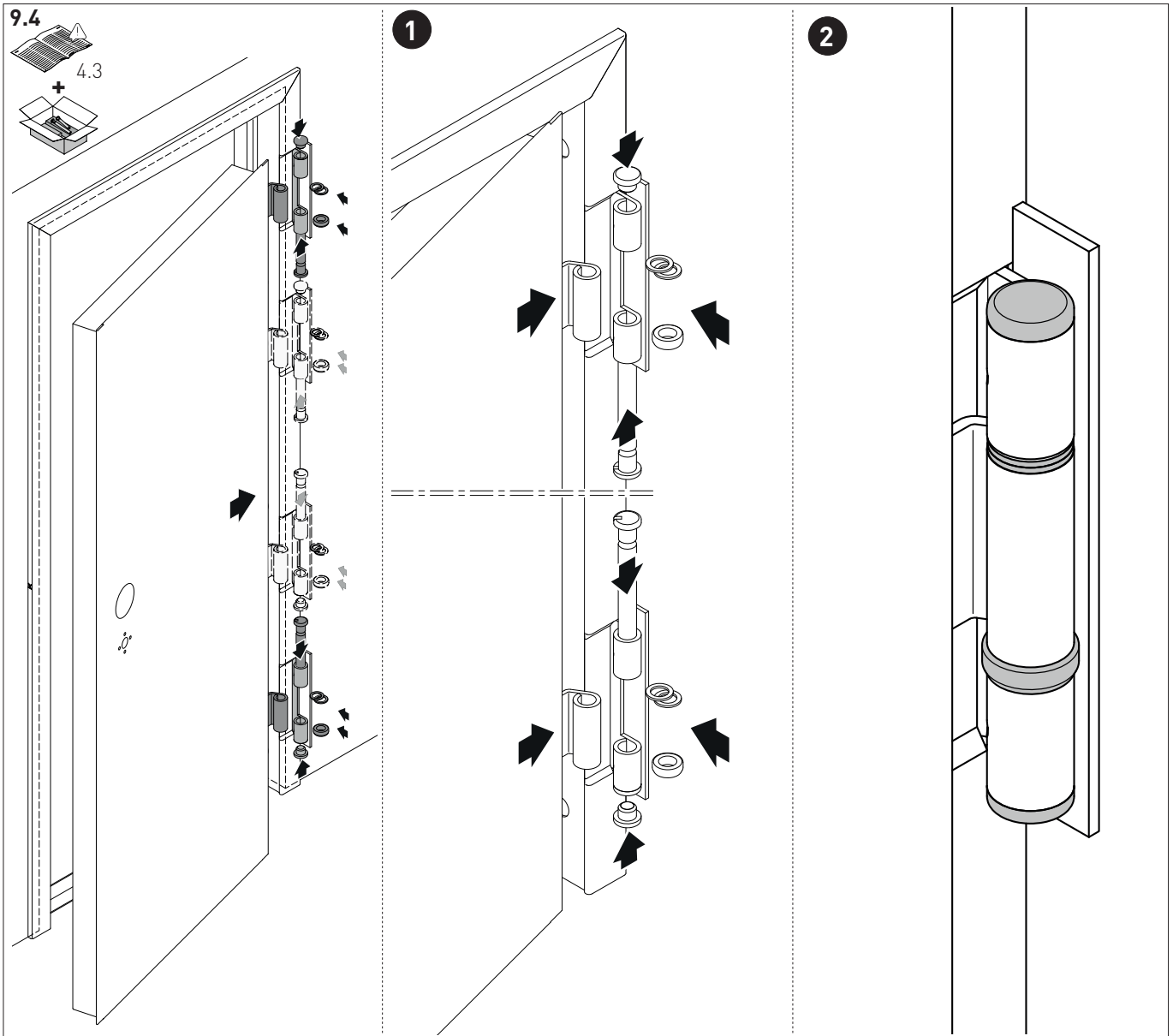


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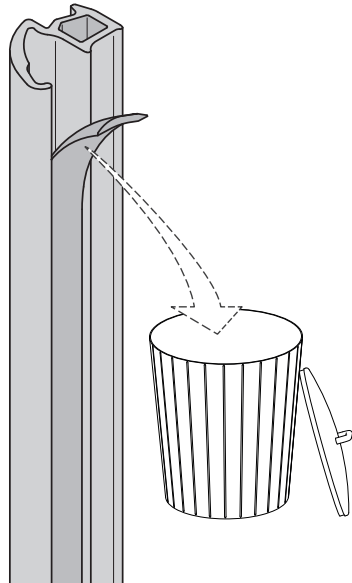




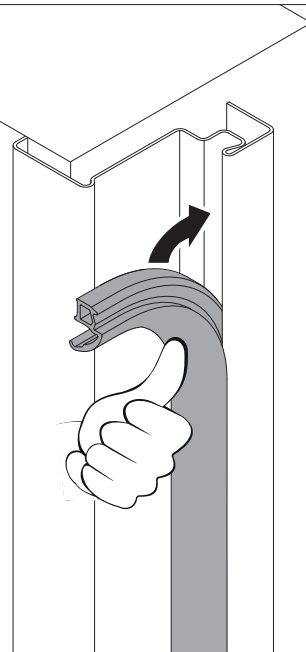
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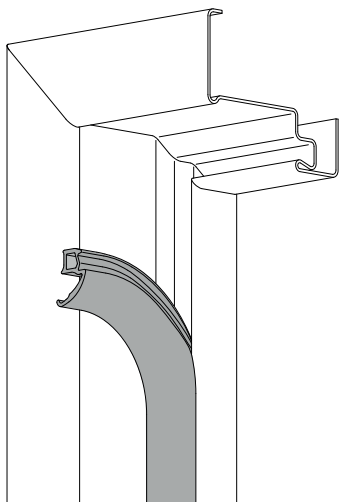
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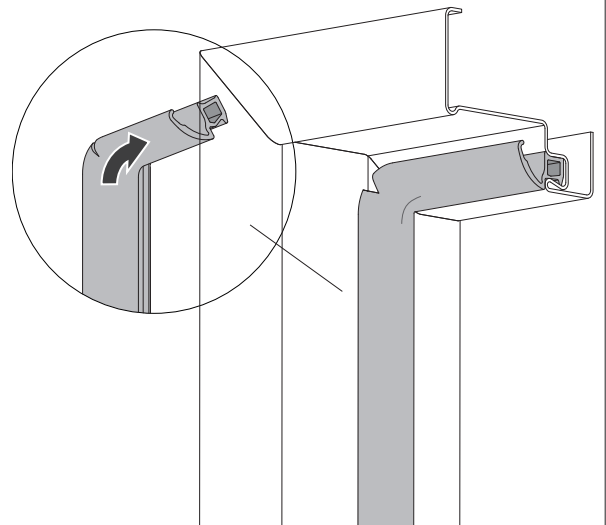
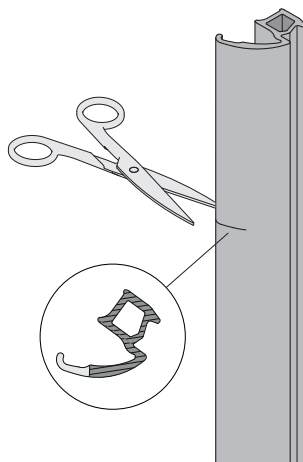
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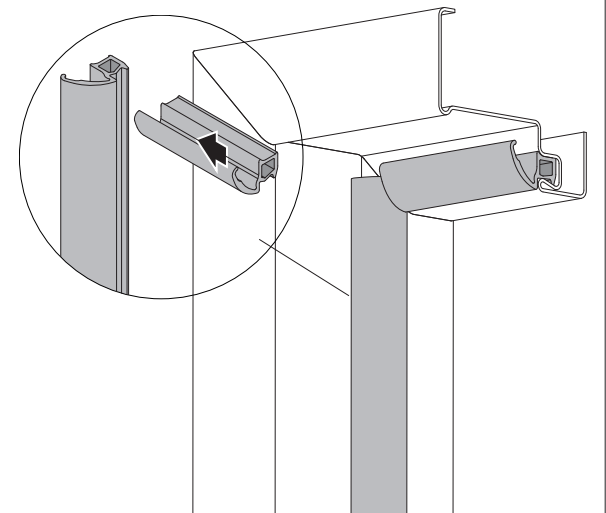
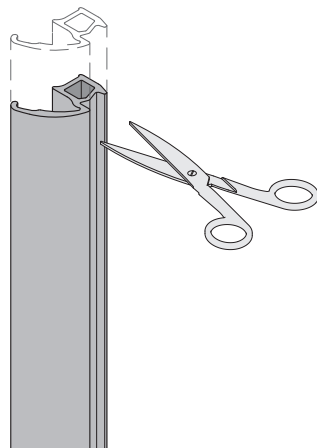
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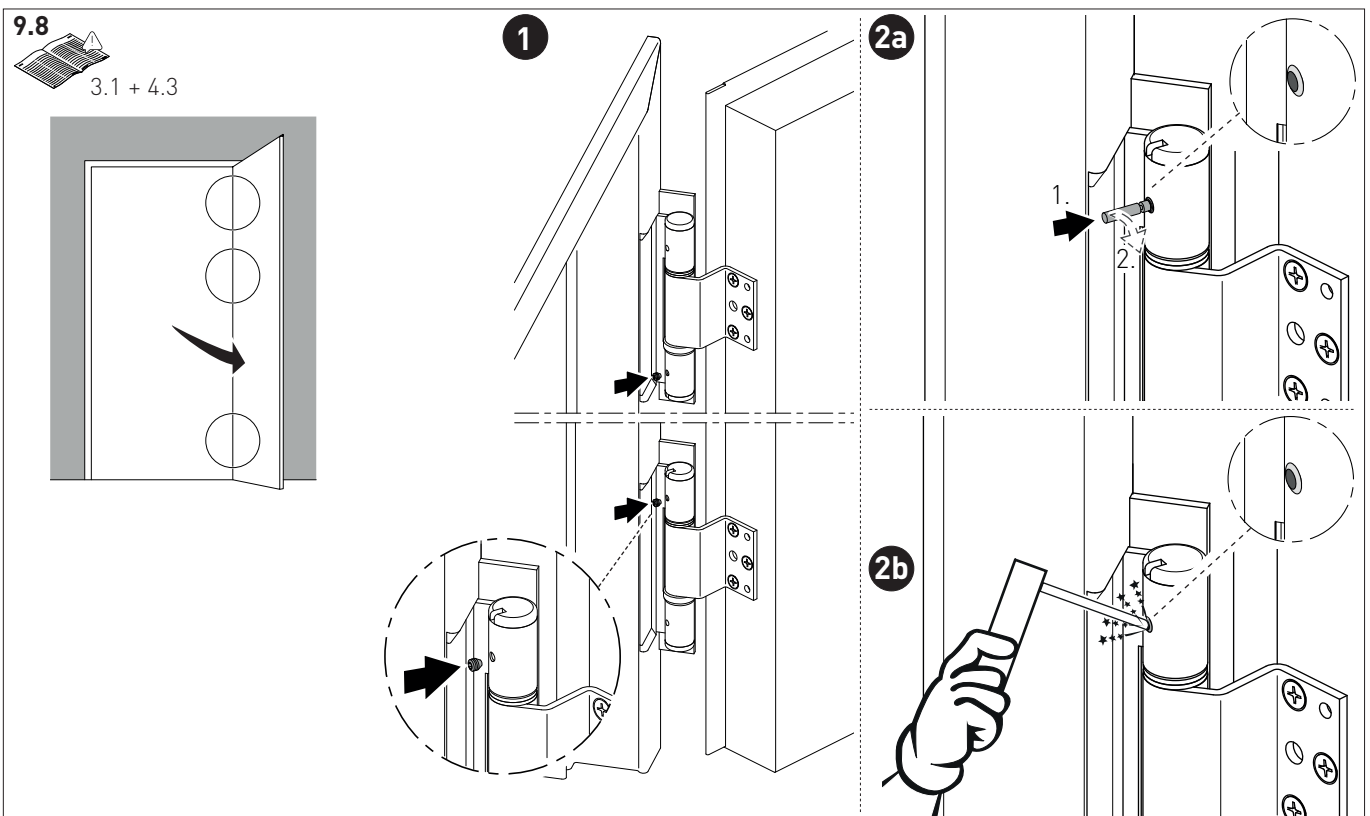
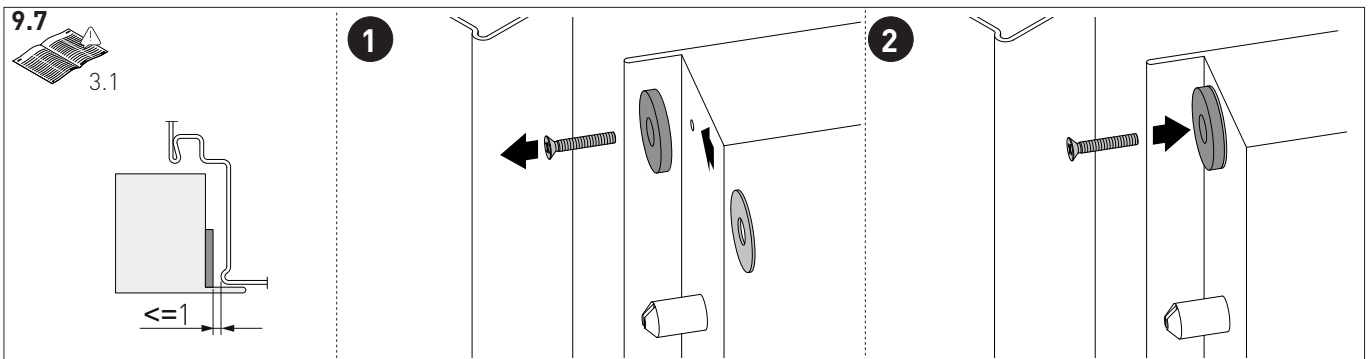
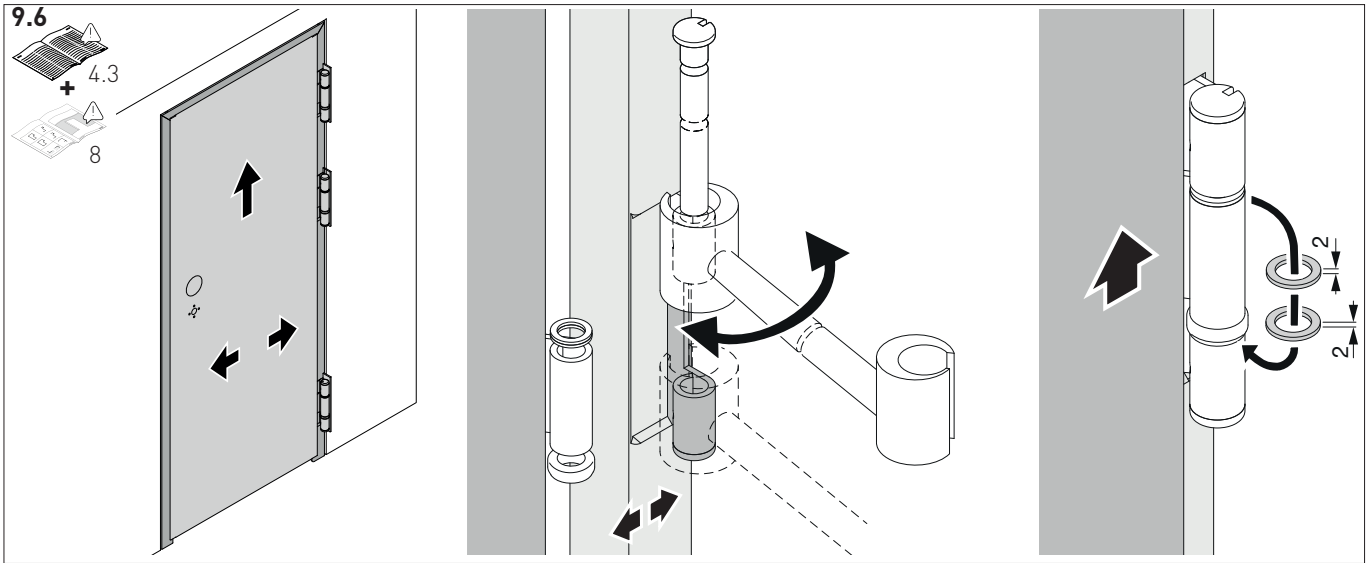


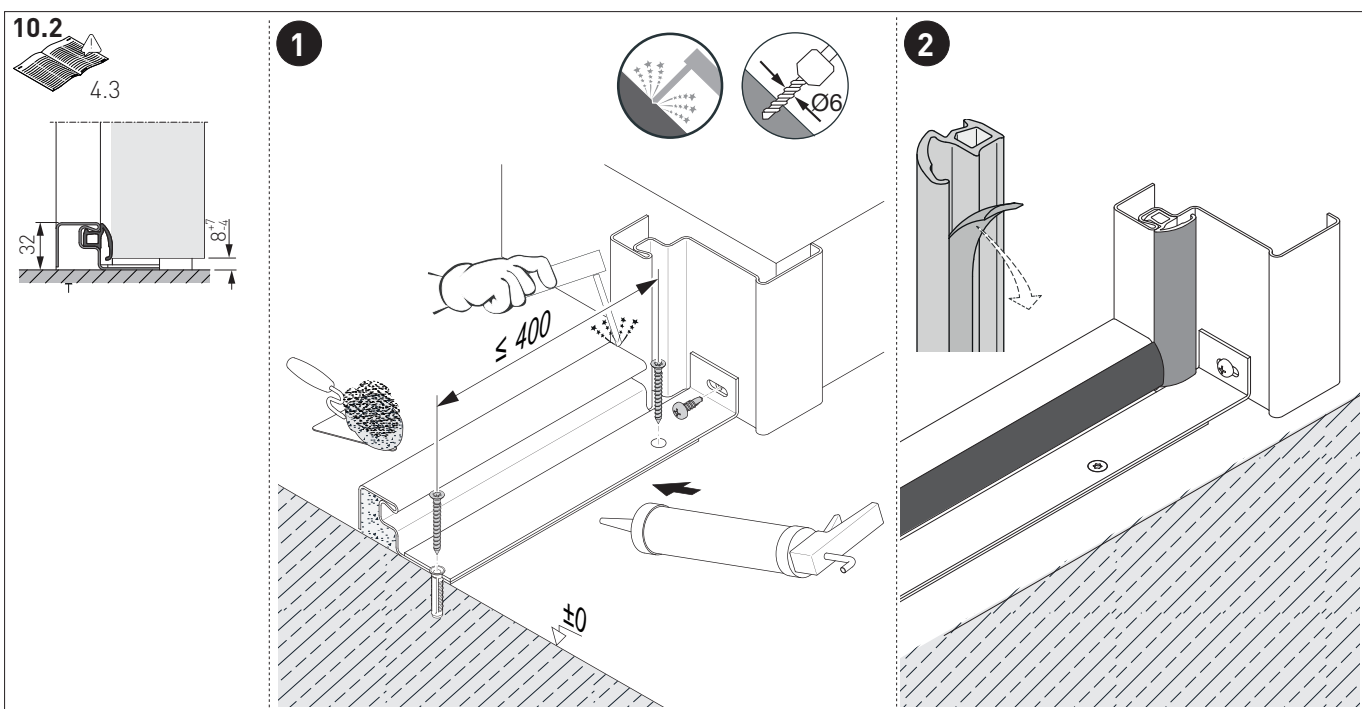
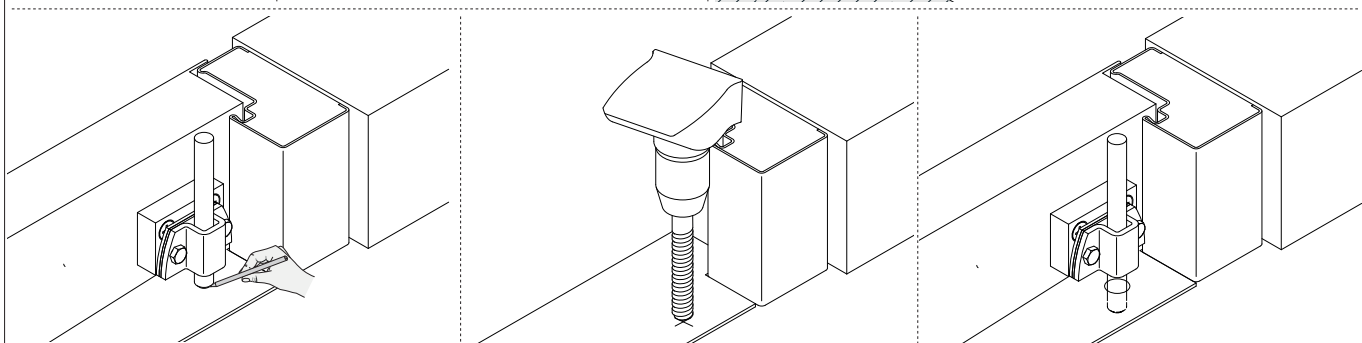
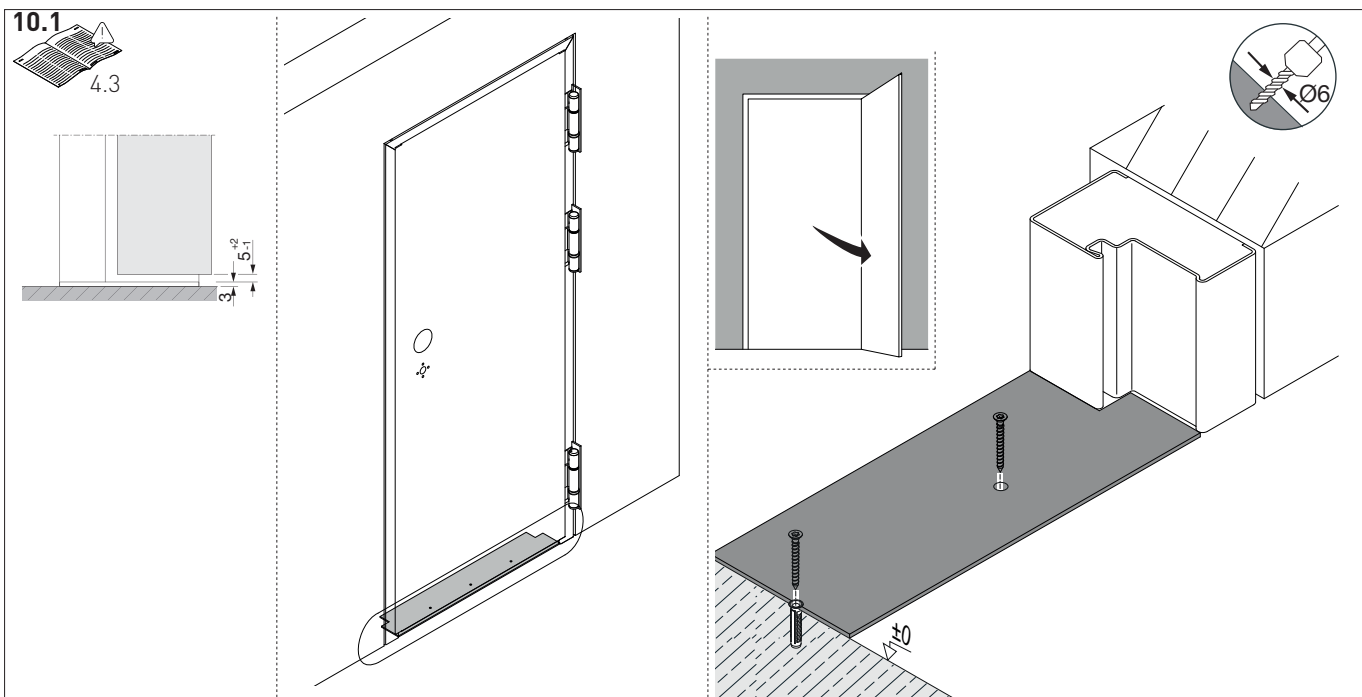
3a

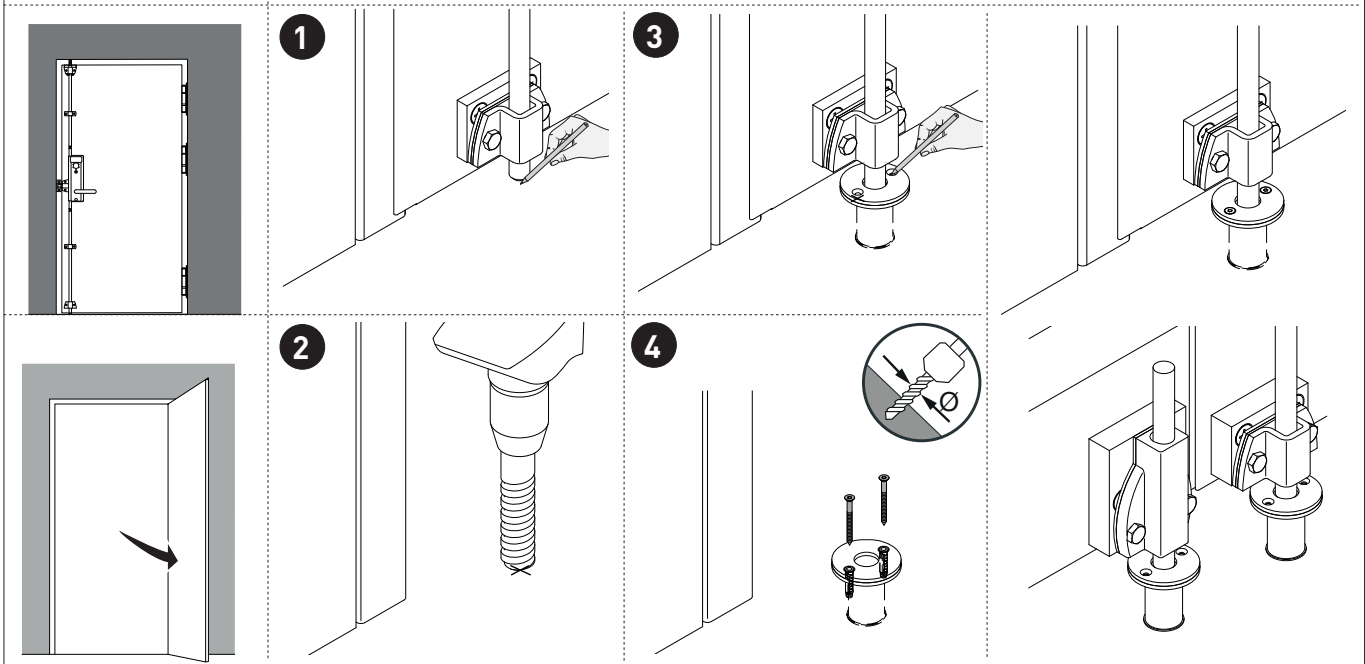
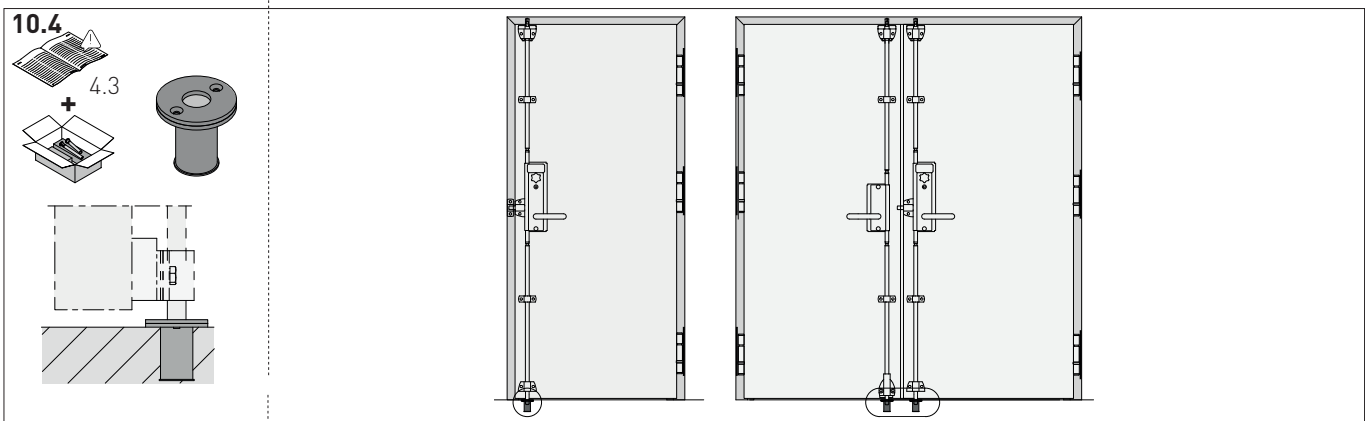
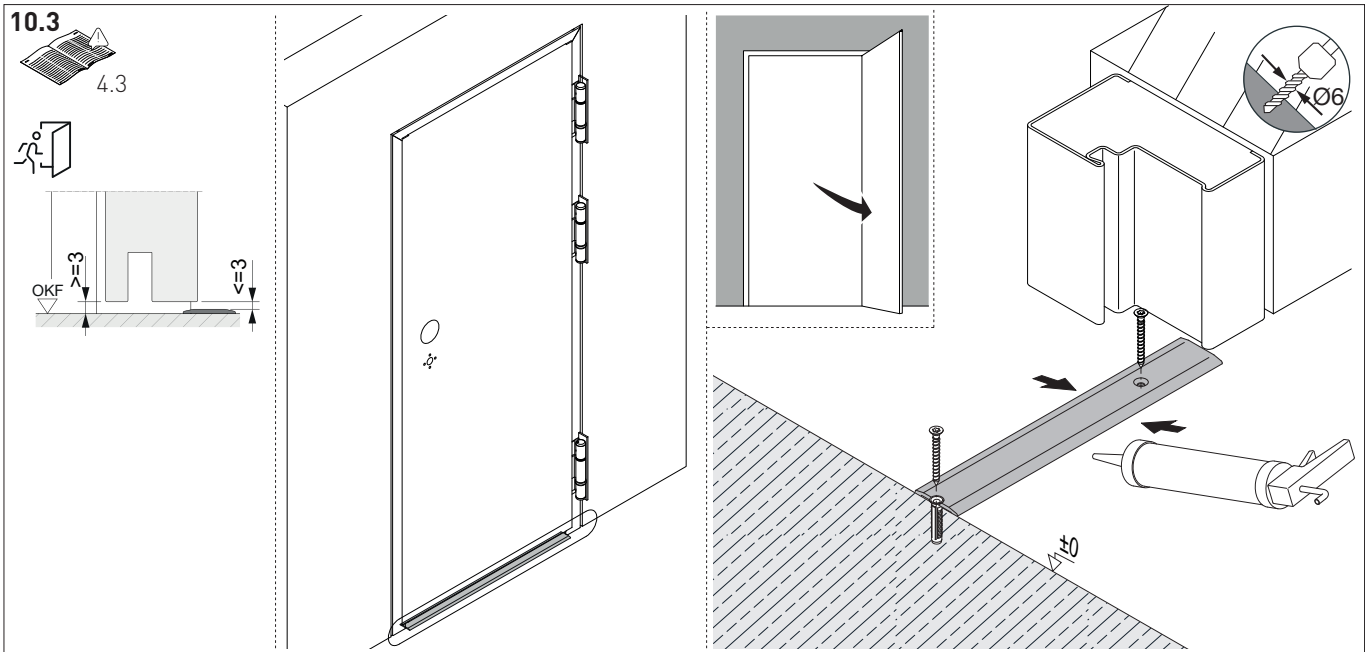


3b

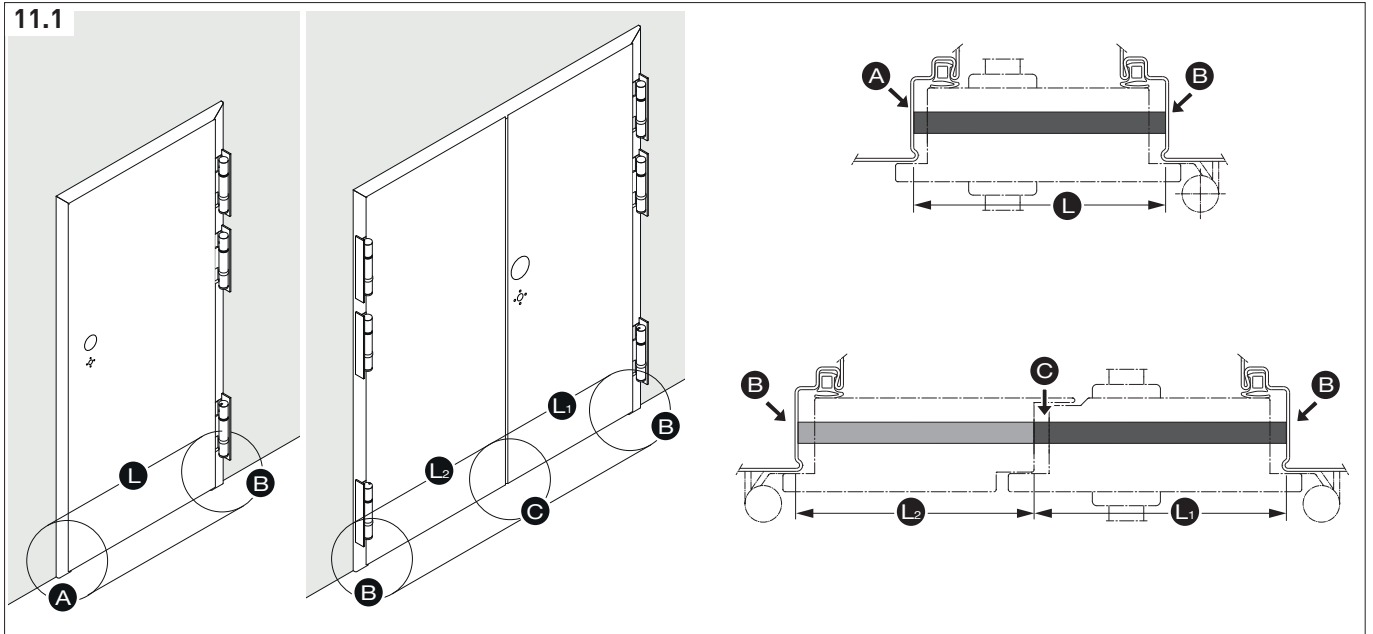




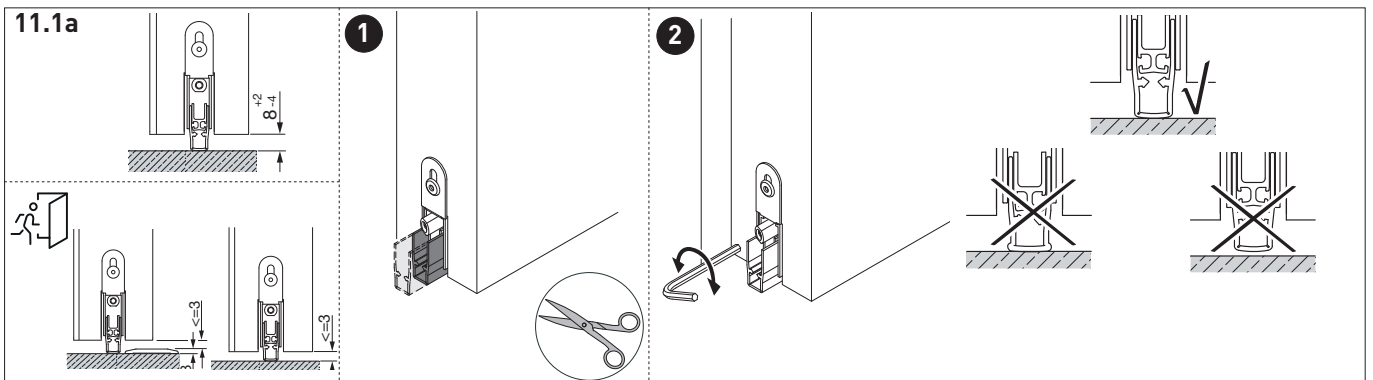




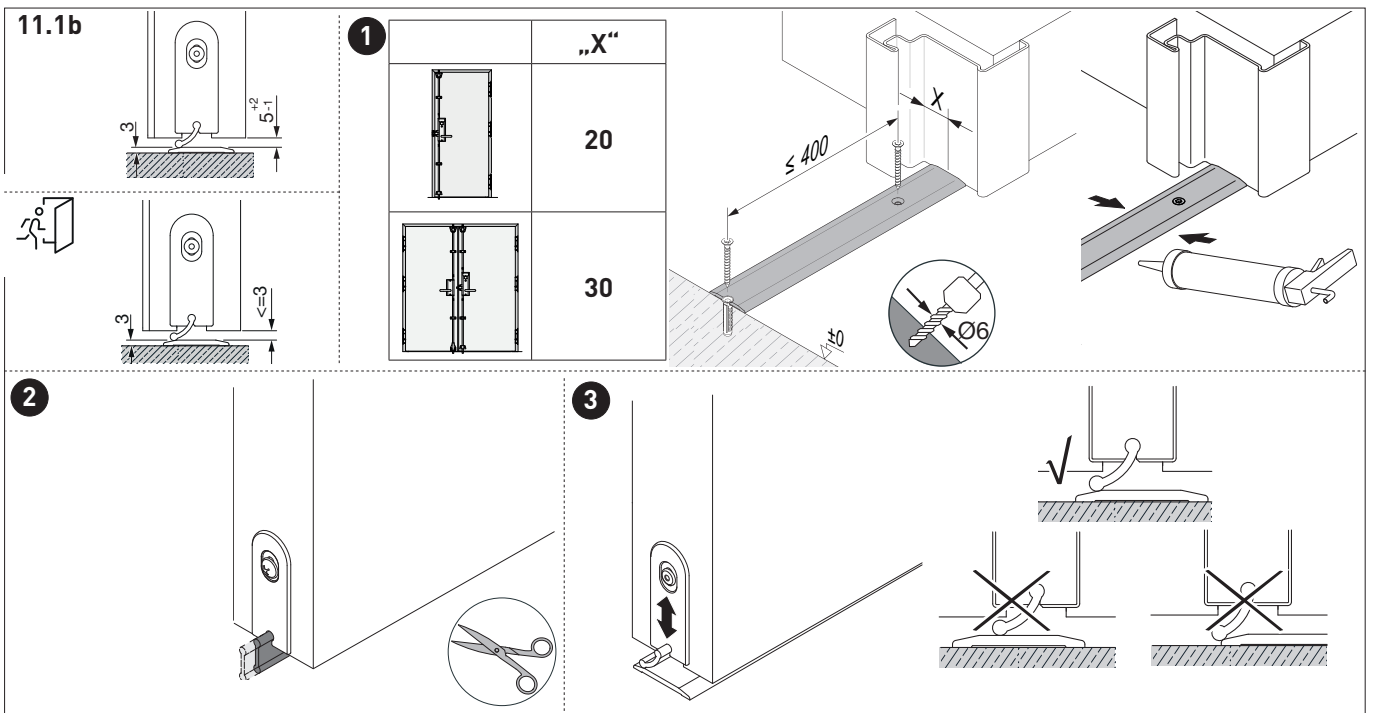
11.1



11.1a



11.1b



Do you have any questions? We are happy to provide advice and support! Talk to your Teckentrup consultant.

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