

SLIDING DOORS: INSTALL & MANUAL INSTRUCTIONS

SYSTEM AIR-B S 42 WITH SLIDING DOOR BRAKE

Version 3.2 (2019-08-23)

1.032.c

	easy	medium	difficult
Installation	<div><div></div></div>		

Subject to technical changes.

raumplus[®]

CONTENT AND TOOLS

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TOOLS:

(without claim of completeness)

- | | |
|-------------------------------------|----------------------------------|
| ■ Aluminium saw | ■ Pencil |
| ■ Allen keys set | ■ Cross tip screwdriver set |
| ■ Double open-ended spanner (10 mm) | ■ Water level |
| ■ Drilling machine | ■ Mounting material by customer |
| ■ Drills sets (stone / wood) | According to local condition and |
| ■ Rubber mallet | Type of mounting |
| ■ Masking tape | |

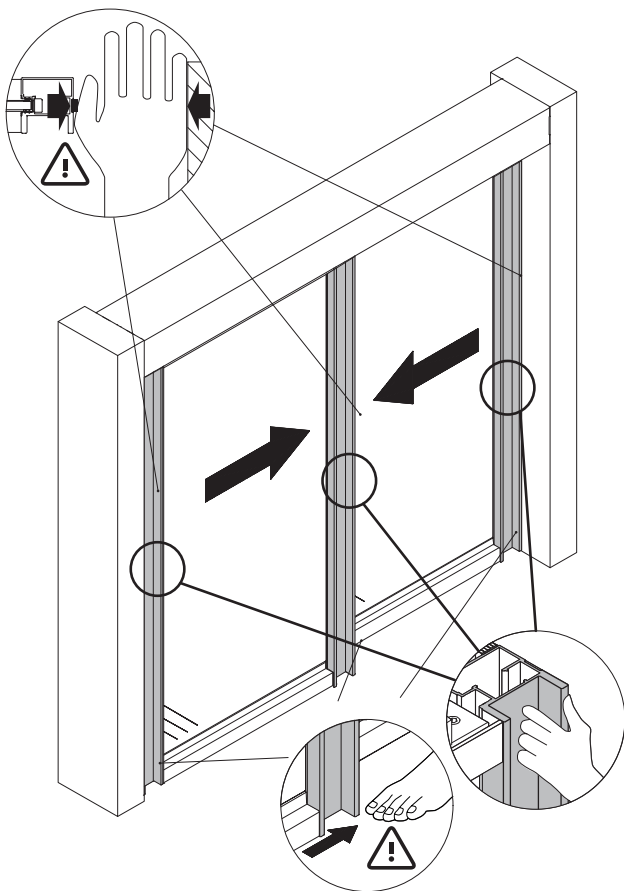


VERSION INFORMATION:

- Version 1.3: Cover, distance of the drills corrected / Cover/middle insert profile AIR S 42 added
- „ 2.0: Series 8000 added
- „ 3.0: Ground plate with roller added
- „ 3.1: Instructions for stoppoint added
- „ 3.2: Added Illustrations for the correct positioning of the slot nut

MANUAL

This manual is part of the delivered product and describes the safe and proper use.



Designated use:

The product is designed and manufactured for indoor use.

The product was designed as a hand-guided sliding door that is usually not being moved faster than walking speed and should be stopped manually when reaching the end position. The doors are guided on top and bottom track.

Any other use that deviates from the specific proper use is not according to the **raumplus** regulations.

Manual:

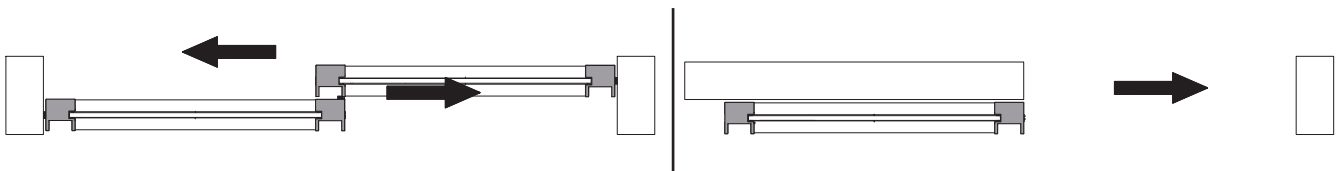
Open the door by using the handle profile or the handle (optional).

Guide the door slowly to the ...
... opening / closing point, or
... activating point of the sliding door brake (optional).

Attention:

Preserve your hands from getting trapped during the movement of the door. When closing or opening the door never take hold of the profile, only use the handle profile or the handle.

Use the door as instructed.



Safety Information:

The product complies with the prior of the art and the approved safety rules at the time of delivery.

- Pay attention to child safety.
- No additional load to the doors.
- Structural changes, additions or modifications can only be carried out by a distributor.
- In case of malfunctions or irregularities: shut down the system and contact your dealer.
- ⚠ For Installation without wall connection: use of top / bottom stopper is obligatory 📄!








As defined in the „Law of Liability for Products“ (§4 Prod-HaftG), for the liability of the manufacturer, for his products, the above information has to be regarded. The disregard of this manual, releases the manufacturer from his liability.

PRODUCT INFORMATION

GENERAL INFORMATION: Preparation

- This manual is part of the product and describes the safe and proper installation of the system. Please read the instructions carefully before installation
- Please note that the assembly should only be done by qualified and trained staff in strict compliance with all details indicated in this document.
Improper installation in variation from manufacturer's specification may cause defects and danger, thus endangering the safe fixing of the product as well as the safety of the prospective user. The liability of the manufacturer shall be excluded in case of defects and consequential damages resulting from incorrect assembly of this product.
- Please check the completeness of the delivered parts and check carefully if any transport damages are visible.
- If any parts are damaged or lost, please immediately contact the responsible supplier.
- It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for **raumplus** products.

SYMBOLS:

Symbol	Importance
	Risk or danger!
	Advice and information
	Additional information / other documents
	Directional data / direction of movement
	„yes“ and „right“
	„no“ and „wrong“
	Follow the order

SYSTEM:

System Information: AIR-B S42 Sliding door brake

- max. weight of element = 60 kg
- min./max. door height = 700 mm / 2750 mm
- min./max. door width = 700 mm / 1200 mm
- **cutting measures**
stile reduction of heigth = 80 mm / ▲ S1200 = 87 mm

PRODUCT INFORMATION

GENERAL INFORMATION: **Product safety**

- The door system complies with the prior of the art and the authorized safety rules at the time of delivery.

USE:

Intended use

- The prerequisite for the intended use of our products is the professional installation according to our installation instruction. Sufficient fittings must be available and durably installed to all relevant places.
The function of the fittings must not be hindered or altered during installation.
- Special solutions are only possible in consultation with **raumplus**.

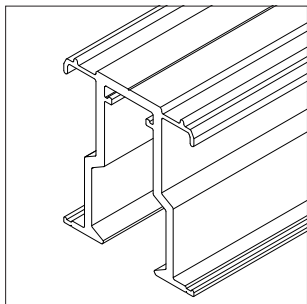
Incorrect use

- Risk or danger may occur in the following cases:
 - the door system has improperly been installed or maintained
 - the safety and installation instructions have not been followed.
 - after improper installation or inadequate fixing (e.g. to parts of buildings)
 - the maximum weight of the doors has been exceeded.
 - improper shock and case loads or other additional loads on the fittings have occurred
 - the fittings have been used outside.
 - body parts or objects got into the closing edges or door runnings during use of the door wing.
 - the door system is not used as intended.

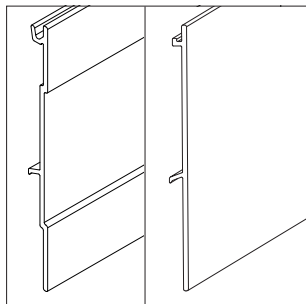
Structural modifications

- Structural modifications that are not offered as an accessory from **raumplus** may only be attached or installed with permission of **raumplus** GmbH!

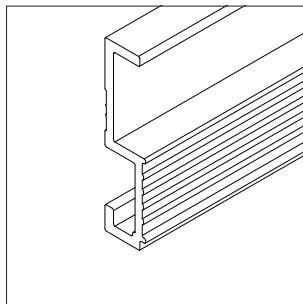
ACCESSORIES



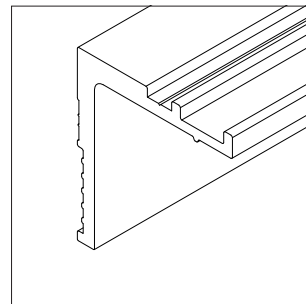
1_ 14.51.0xxx



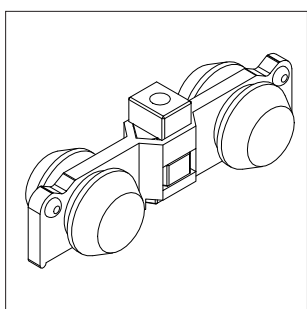
2_ 14.52.0xx / 14.59.0xx



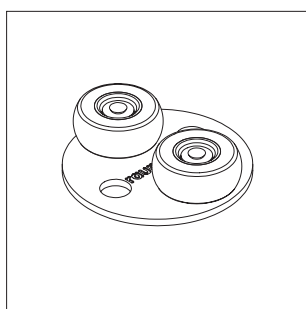
3_ 14.58.0xx



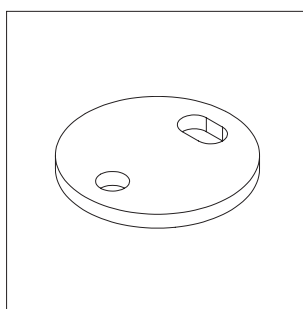
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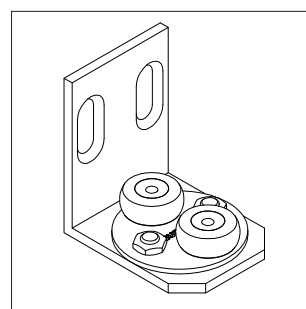
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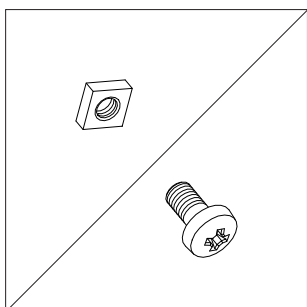
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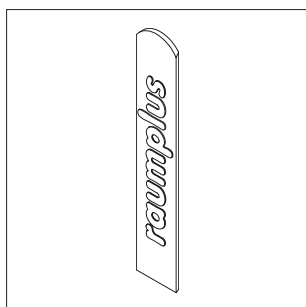
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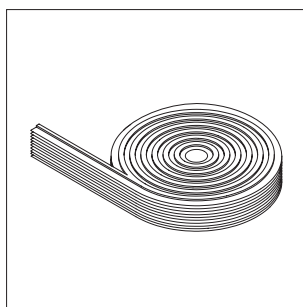
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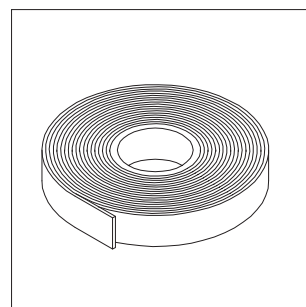
9_ 10.07.089 / 10.06.407



10_ 10.07.05x



11_ 10.07.020



12_ 25.12.046

1_ Top track insert for AIR S42 with SDB

2_ Cover for insert profile AIR S42 with SDB

Cover/middle insert profile AIR S42

3_ Wall connection distance profile AIR S42 with SDB

4_ Wall connection profile S42 AIR with SDB

5_ Top roller AIR with SDB

6_ Ground plate with roller air S42 / except S1200

7_ Distance plate air S42 / except air S1200

8_ Wall outlet with guiding AIR S42

9_ Nut and screw DIN7985 M5x10

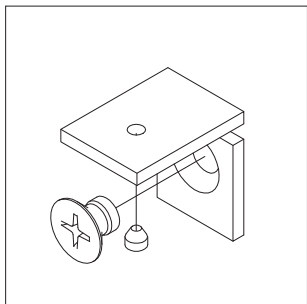
for wall connection profile

10_ Plug for punching holes

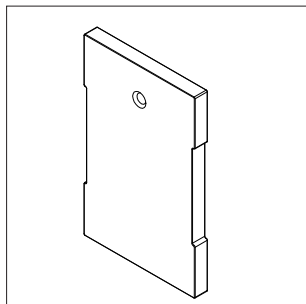
11_ Dust excluding brush, grey

12_ Double side tape

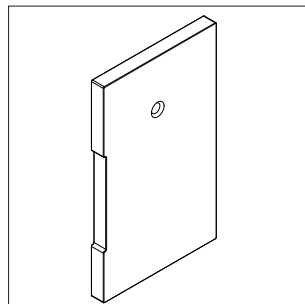
ACCESSORIES



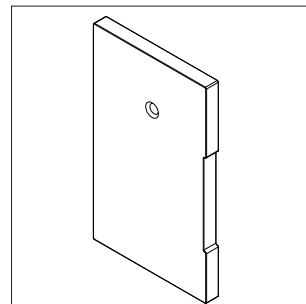
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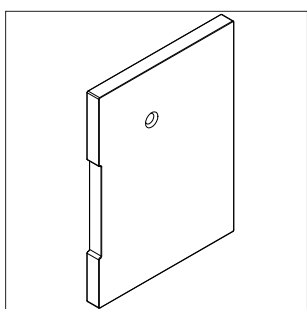
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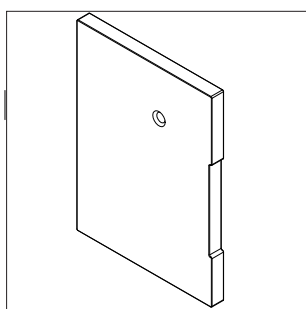
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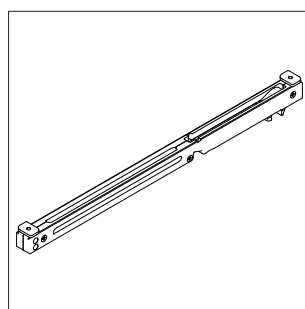
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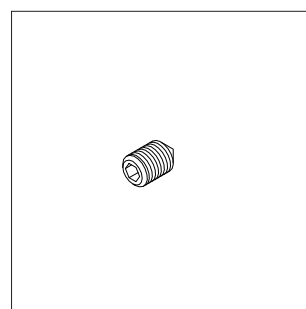
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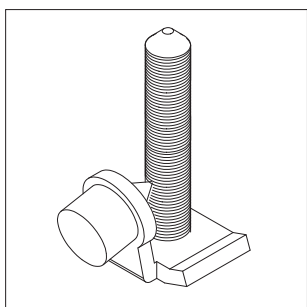
18_ 10.06.393



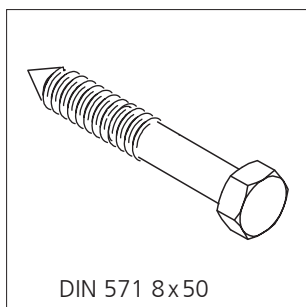
19_ 10.06.365



20_ 10.06.350



21_ 10.06.360



22_

13_ Connector for end cap, AIR

14_ End cap for insert profile AIR S42 with SDB, single, 80 mm

15_ End cap for wall connection profile, left, single, silver

16_ End cap for wall connection profile, left, single, silver

17_ End cap for wall connection- and distance profile, left, single

18_ End cap for wall connection- and distance profile right, single

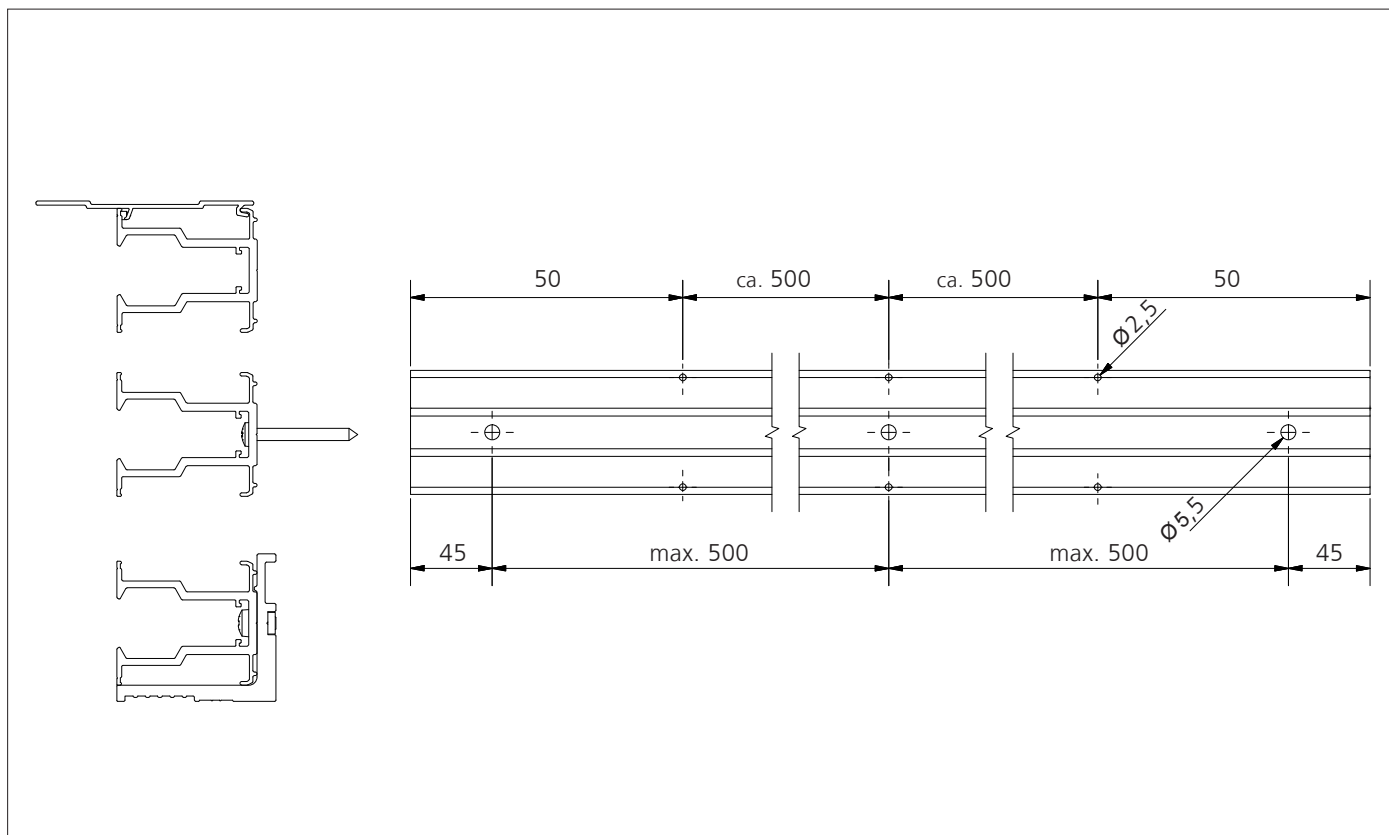
19_ Sliding Door Brake AIR, set includes 1 x SDB 2 x slot nut
2 x screw M4x14

20_ Screw DIN 914 M3x5 for attachment of the cover at
the top track

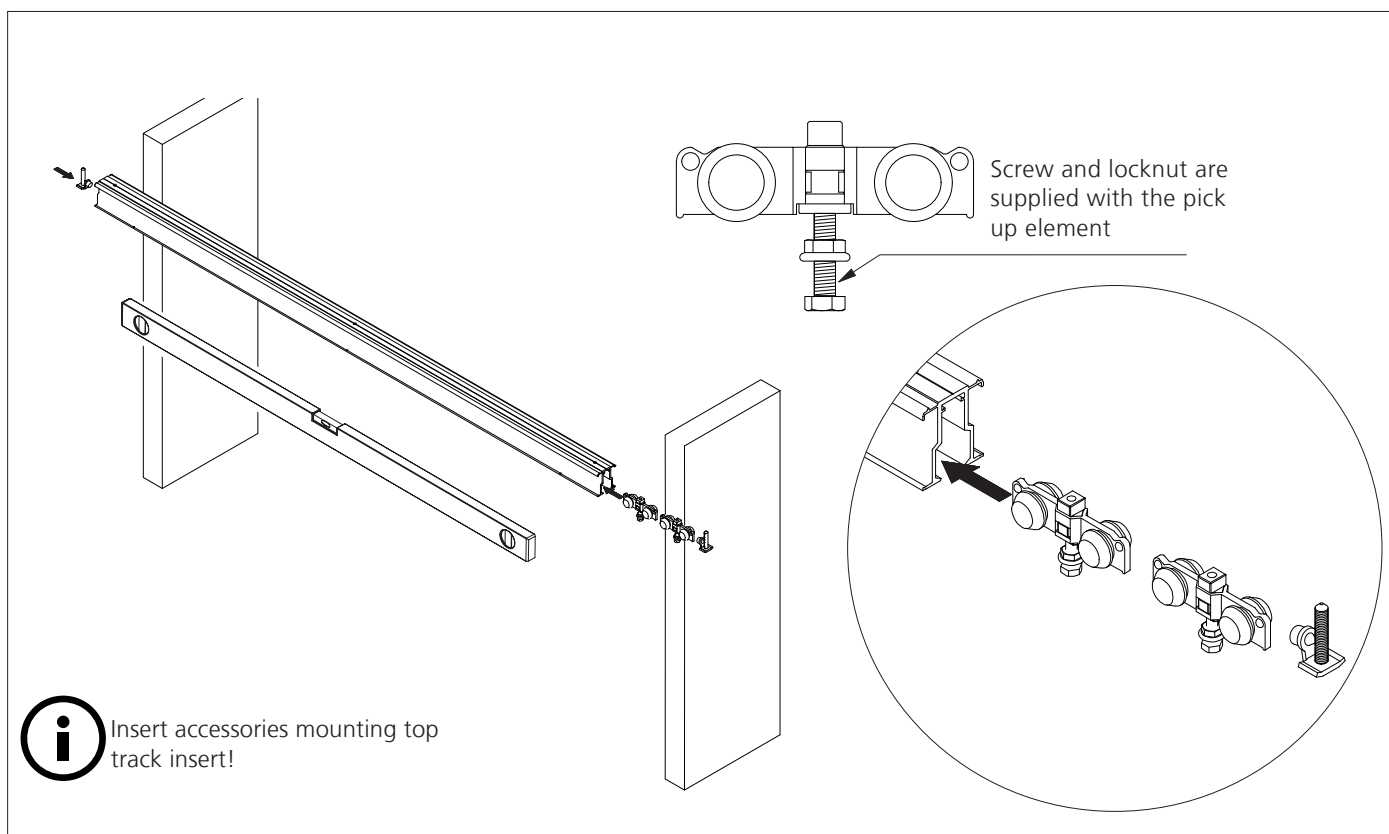
21_ Stopper f. top track for SDB air must be used when
there is no door stop

22_ Fastener for Wall connection- and distance profile
(recommended)

INSTALLATION INSTRUCTION

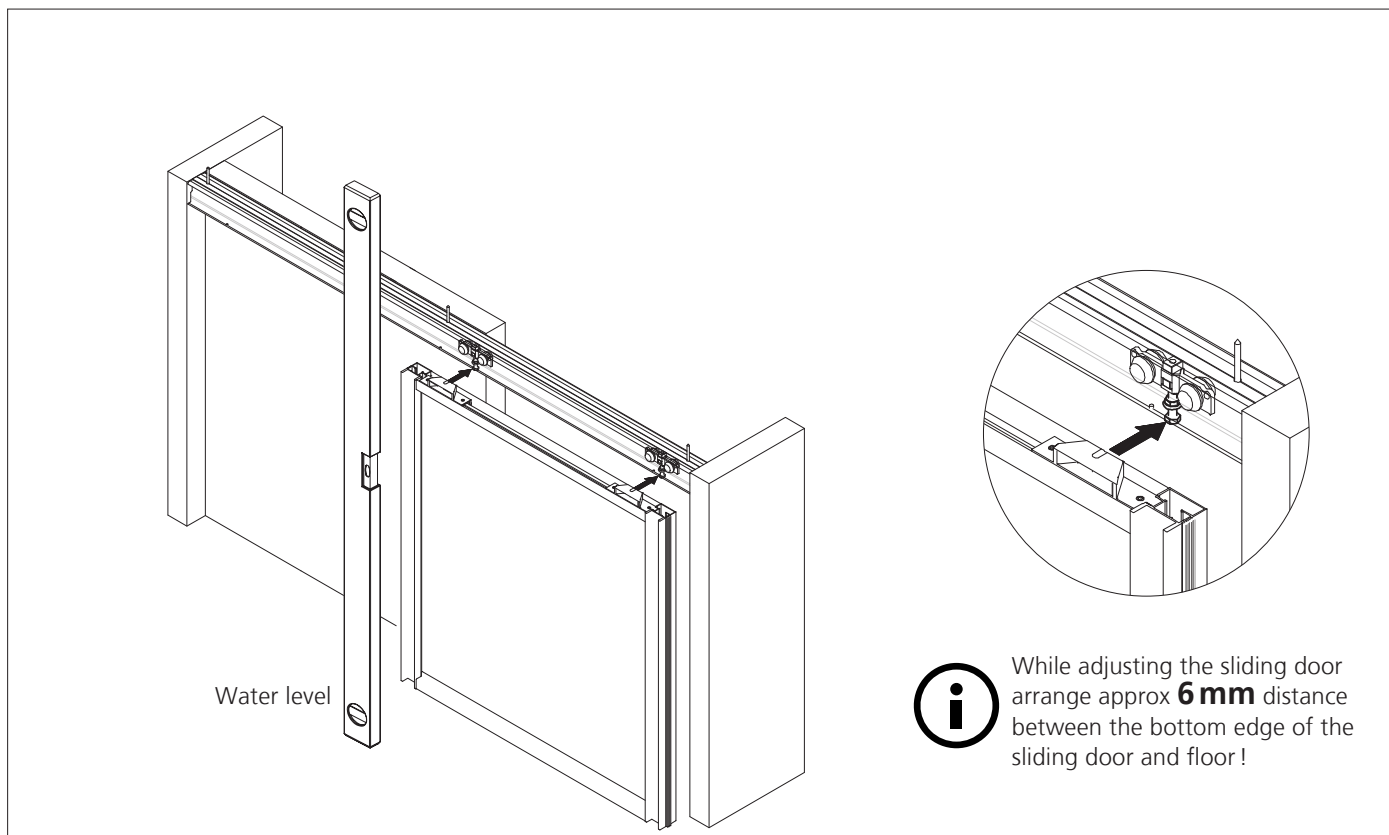


1_ Cut the profiles to size and drill holes in top track insert and at demand simultaneously in wall connection profile

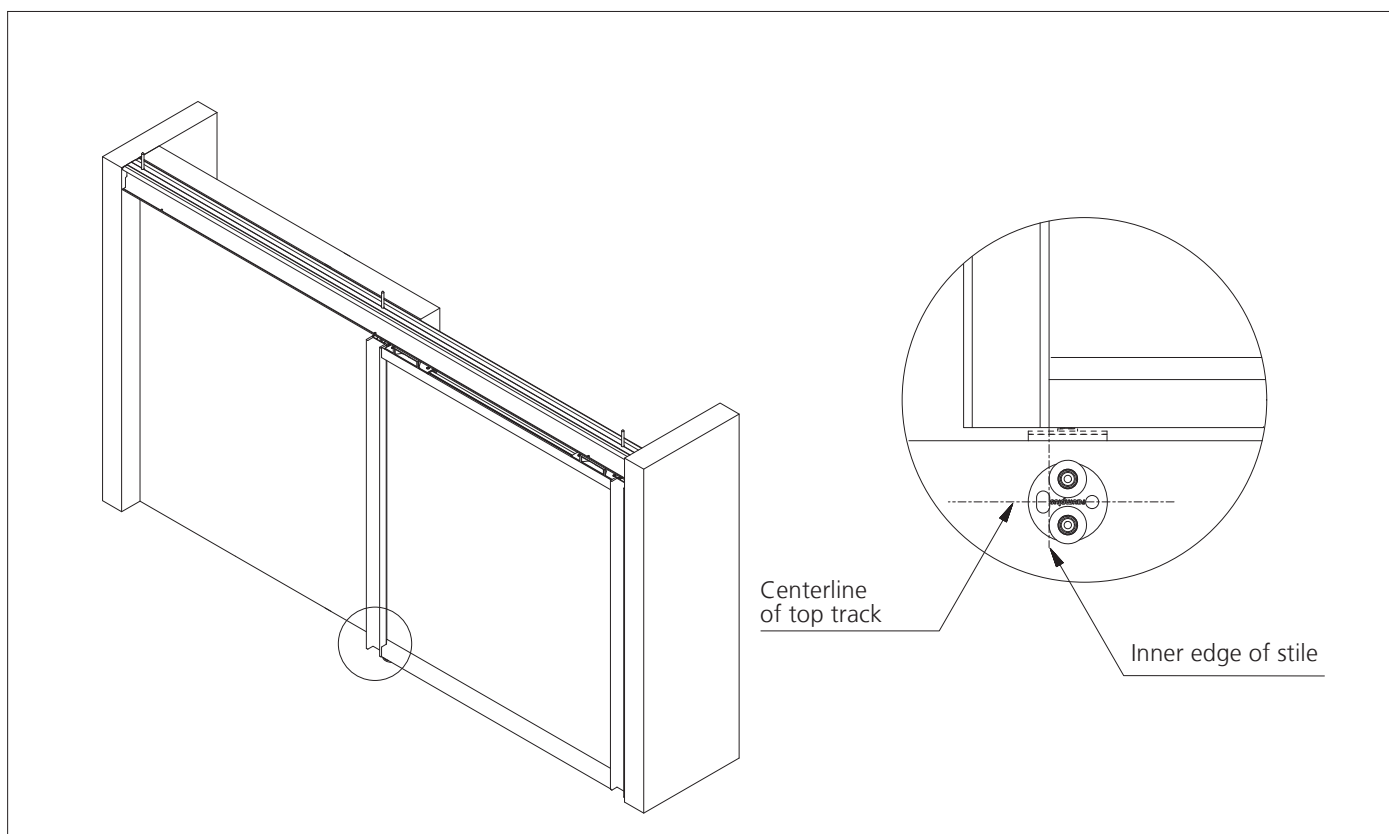


2_ Drill holes in ceiling/top of corpus and mount the top track insert horizontally (fig. w/o ceiling/corpus)

INSTALLATION INSTRUCTION

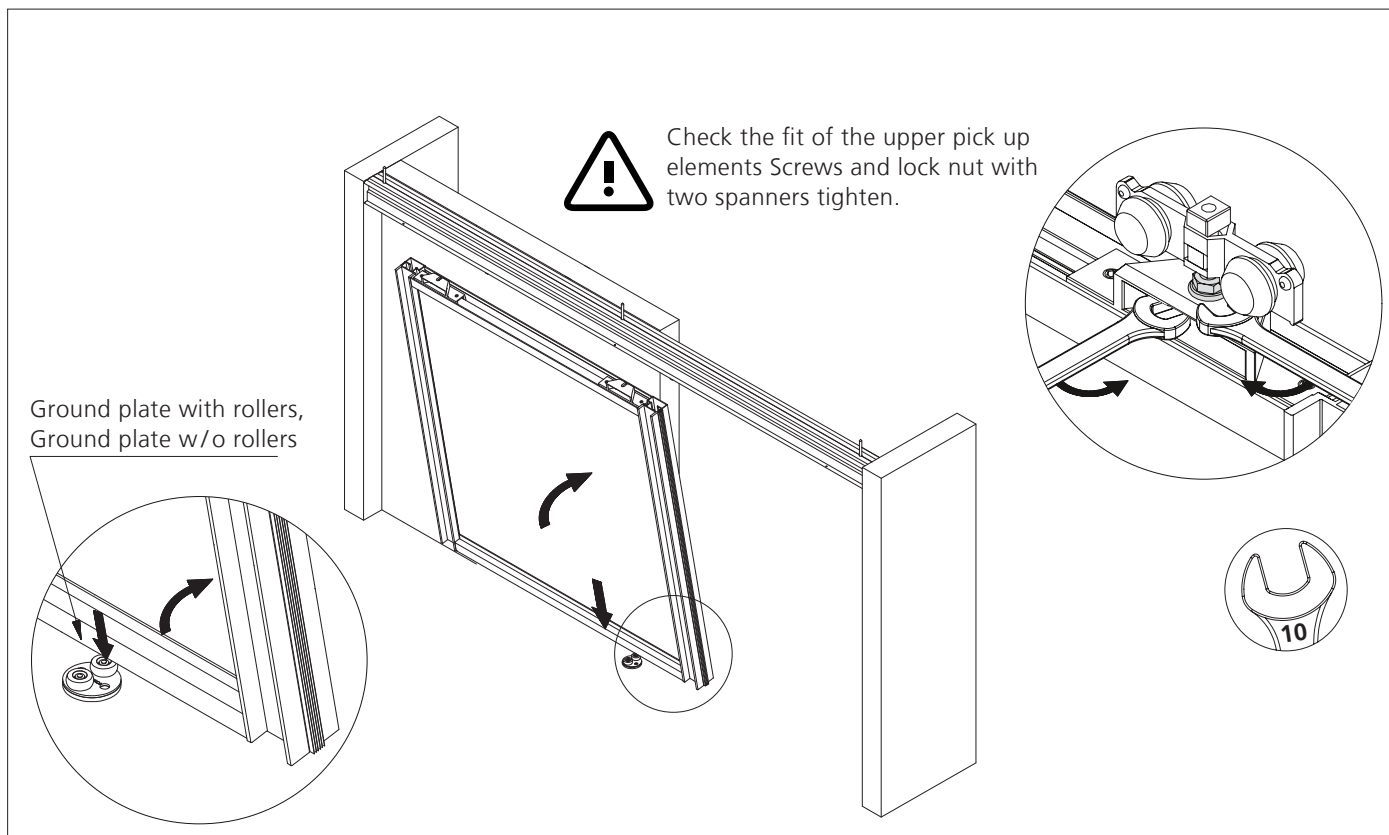


3_ Hinge the sliding door and adjust perpendicular with the set screws - do not tighten yet

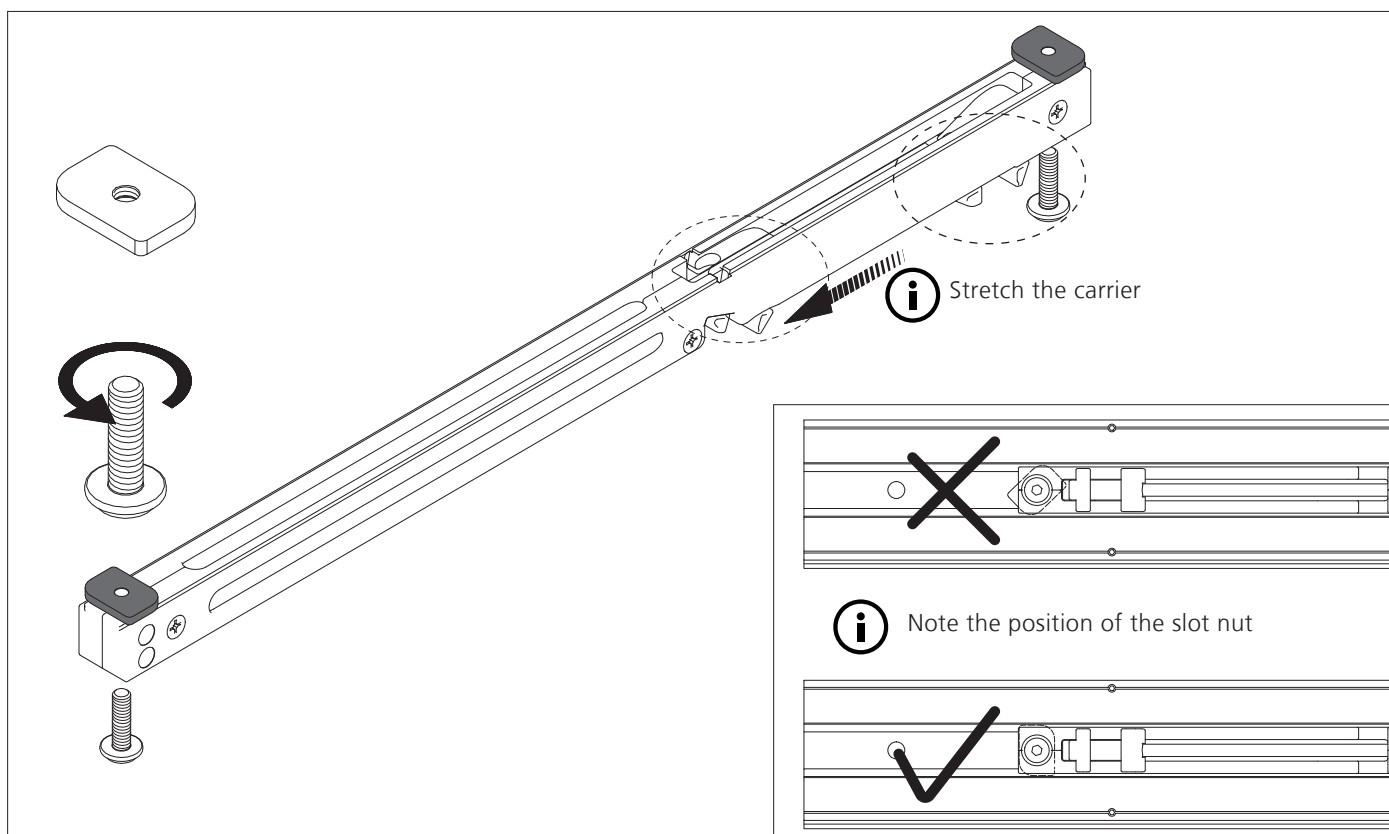


4_ Mark position of ground plate (masking tape/pencil), **unhinge sliding door and mount ground plate**

INSTALLATION INSTRUCTION

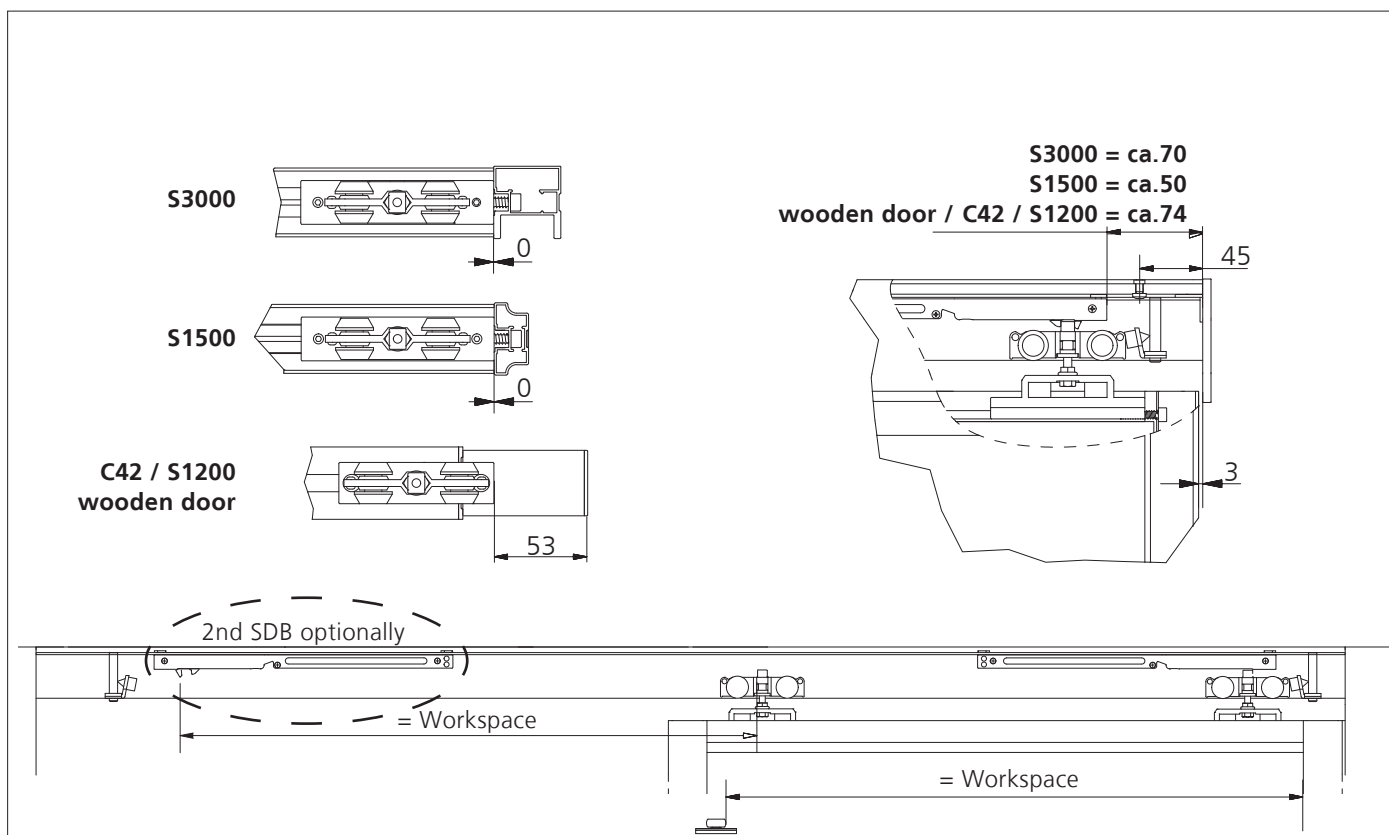


5_ Mount the sliding door, then tighten fix the counter nuts at the pick up elements!

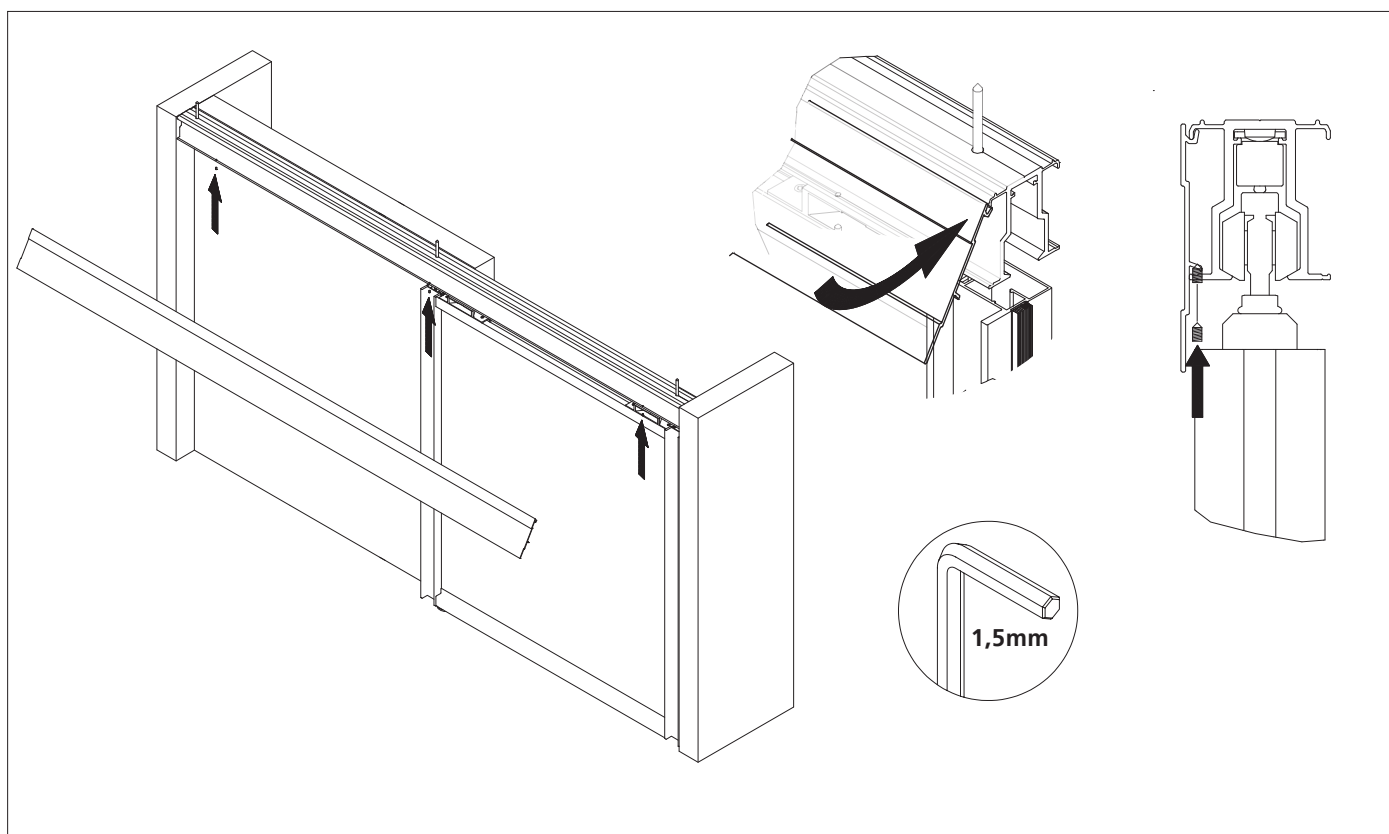


6_ Preparing the SDB

INSTALLATION INSTRUCTION



7_ Positioning of the sliding door brake



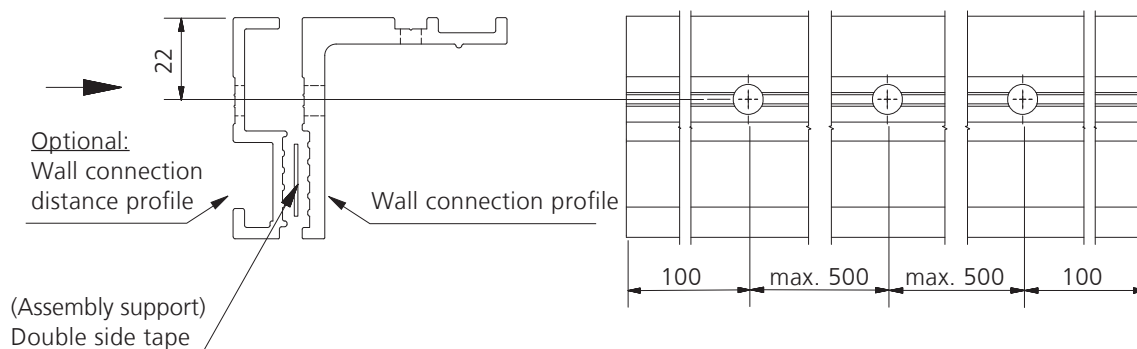
8_ Mount the cover for top track and fix it with the screws

INSTALLATION INSTRUCTION

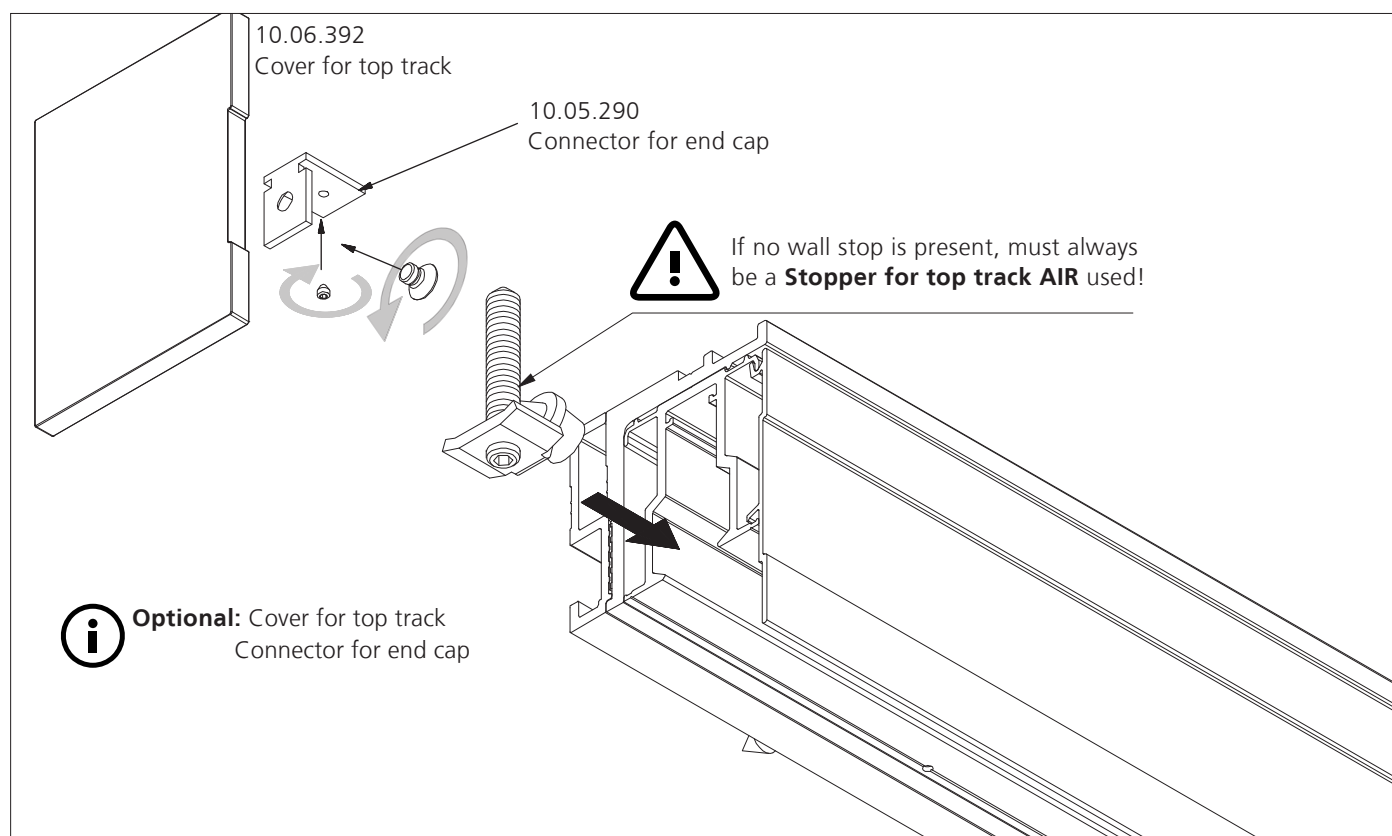
ACCESSORIES TOP TRACK WALL MOUNTING

Workflow:

- ① Cutting to length
- ② Stick profiles (assembly support)
- ③ Drill through both profiles with the corresponding drill



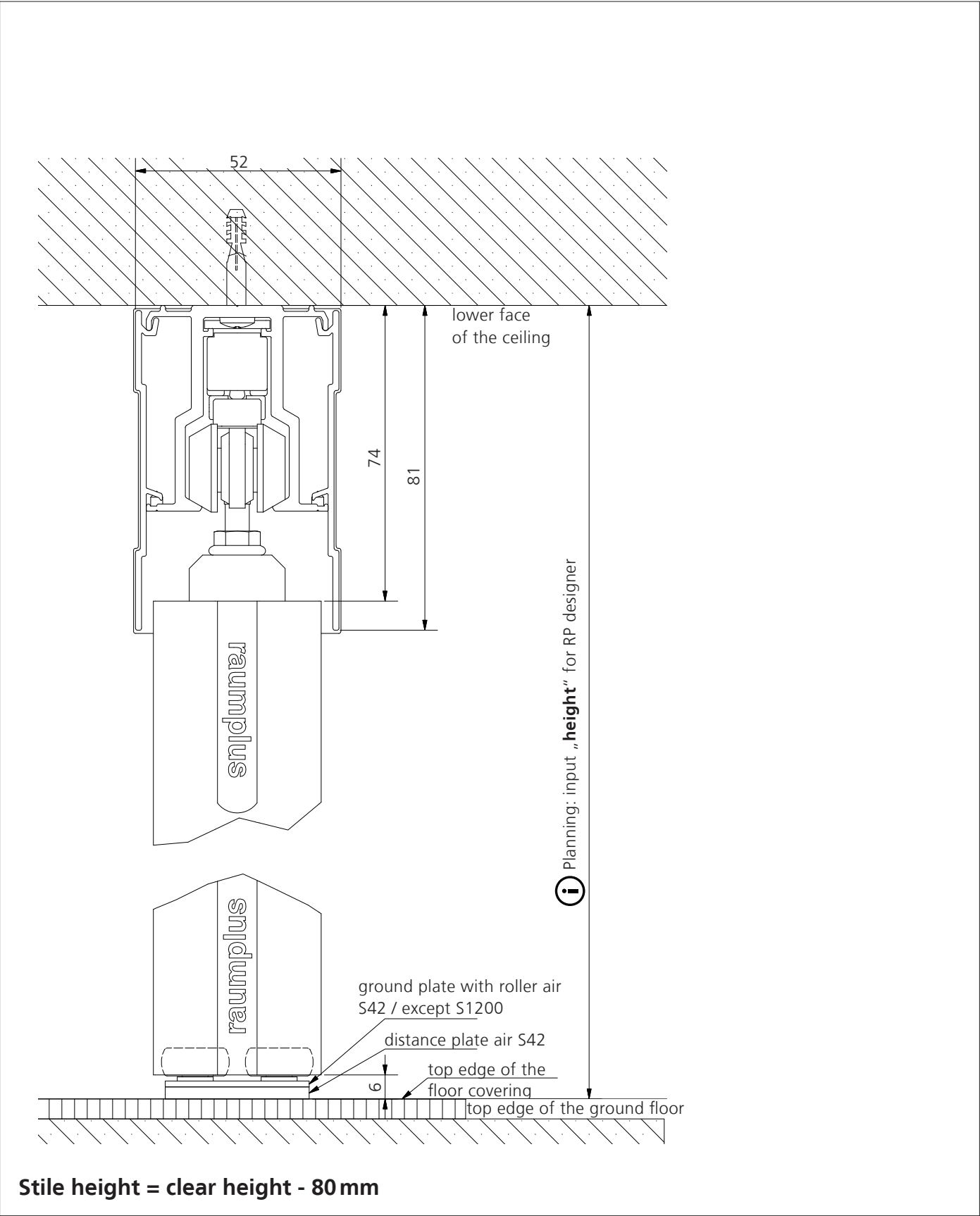
1_ Drilltemplate wall connection and wall connection distance profile



2_ End cap for wall connection profile, left

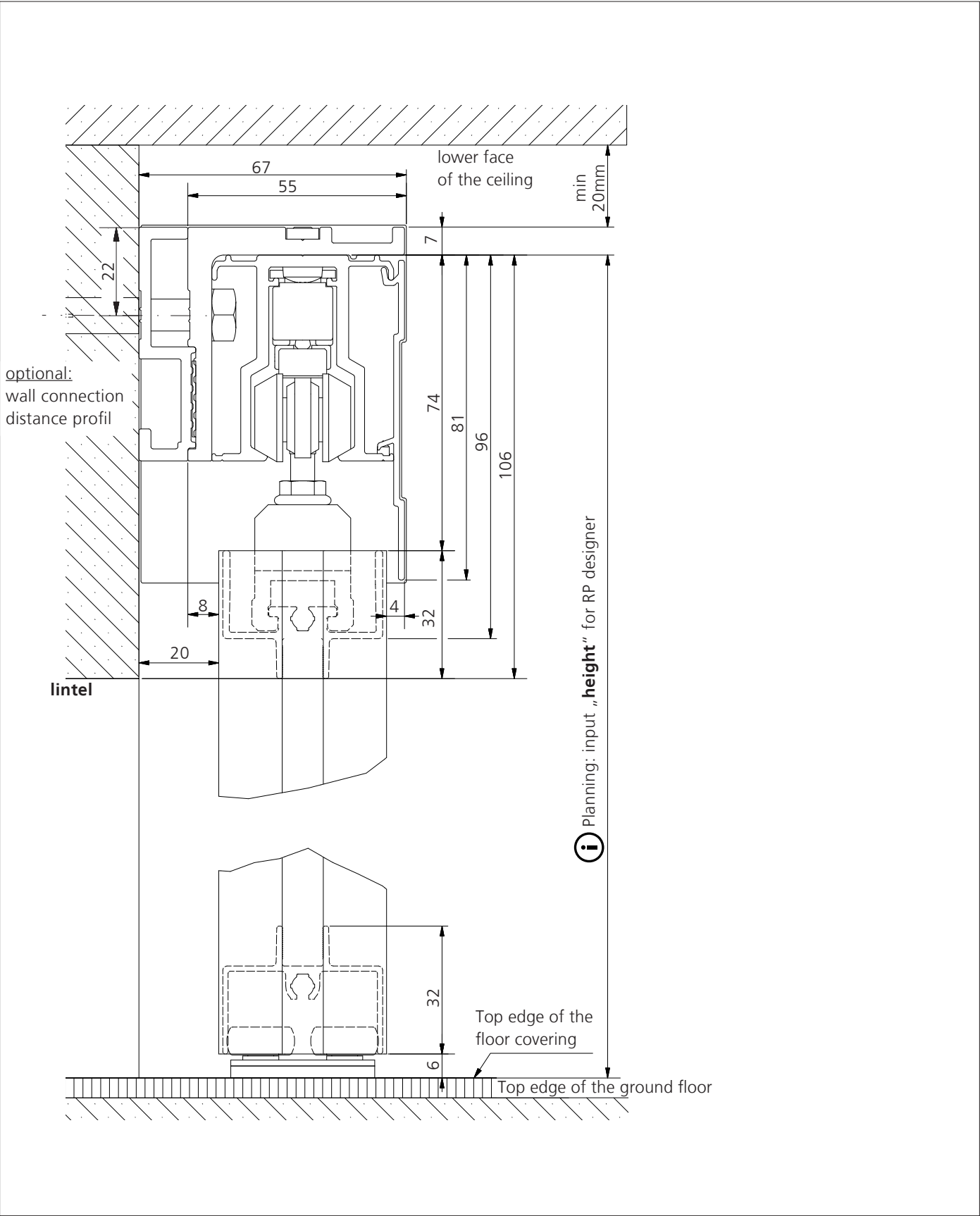
DETAIL DRAWING

CEILING MOUNTING



DETAIL DRAWING

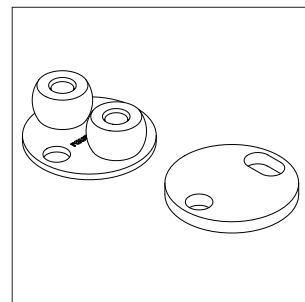
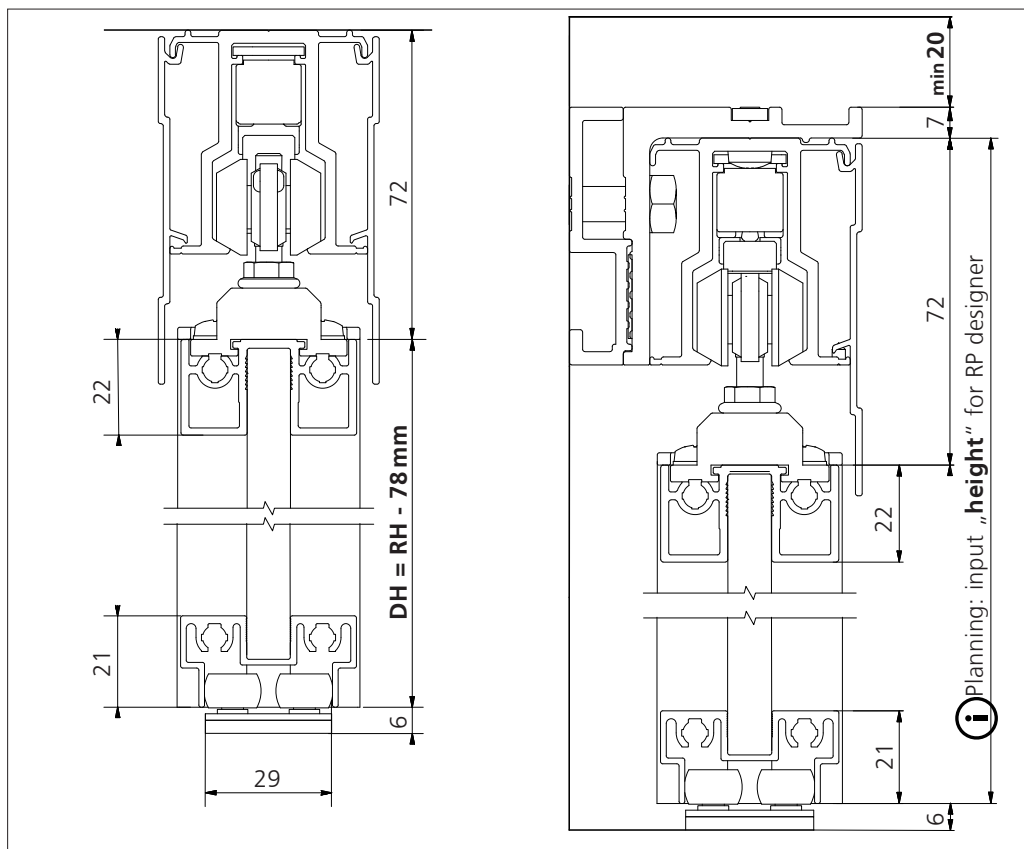
WALL MOUNTING



2_ Determine the planned view underneath the lintel

INSTALLATION INSTRUCTION

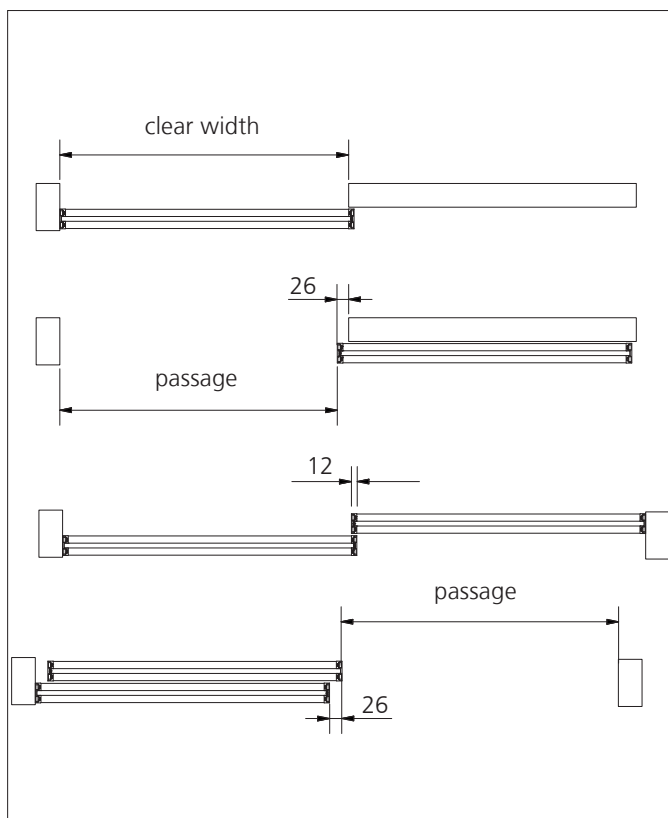
SERIES 1200



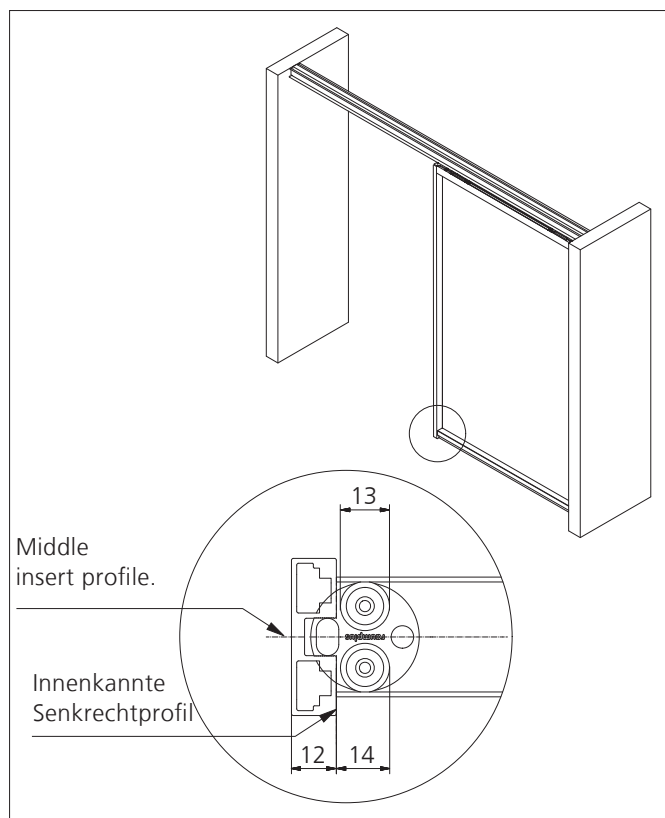
Ground plate with bearing
air S34 / air S1200 &
distance plate air S34 /
S1200
10.06.033 / 10.06.035

DH = door height
RH = room height

1_ S1200 mounted to the ceiling / to the wall.



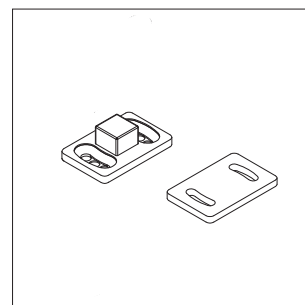
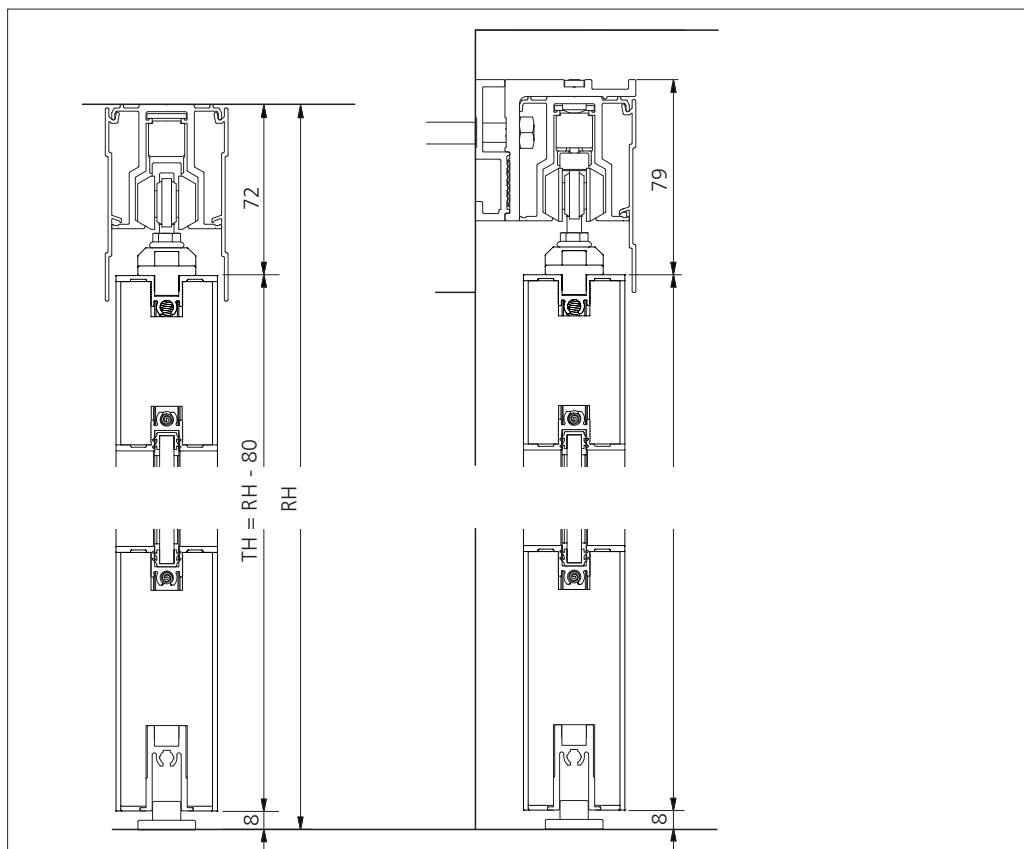
2_ Overlapping



3_ Position of the bottom guiding.

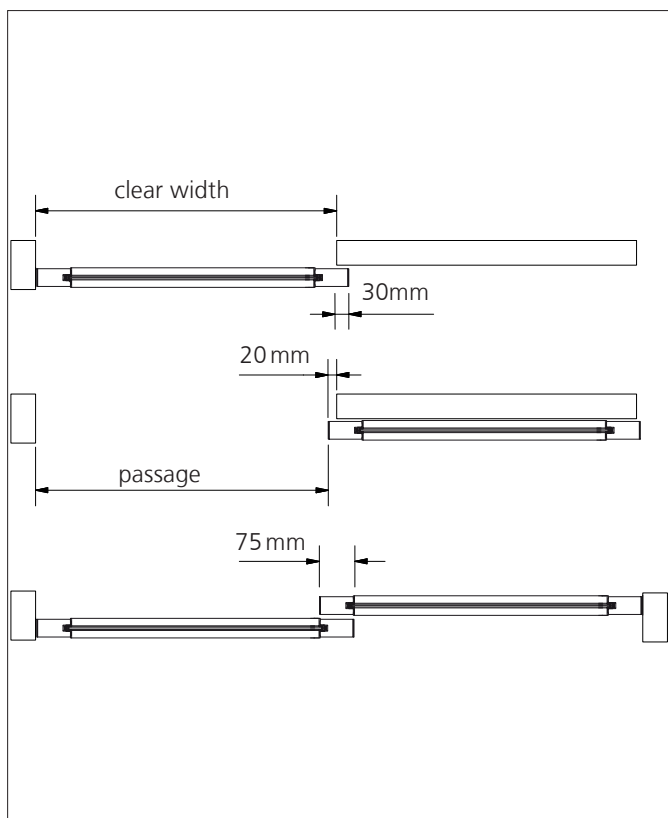
INSTALLATION INSTRUCTION

SERIES C 42

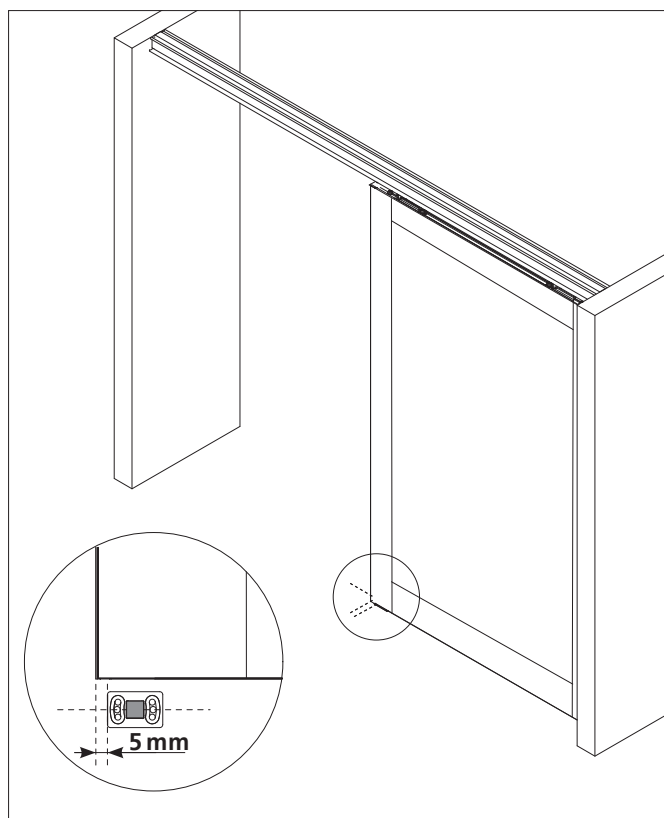


bottom guiding 12 mm AIR /
distance plate for guiding
10.05.047 / 10.05.048

1_ C 42 mounted to the ceiling / to the wall.



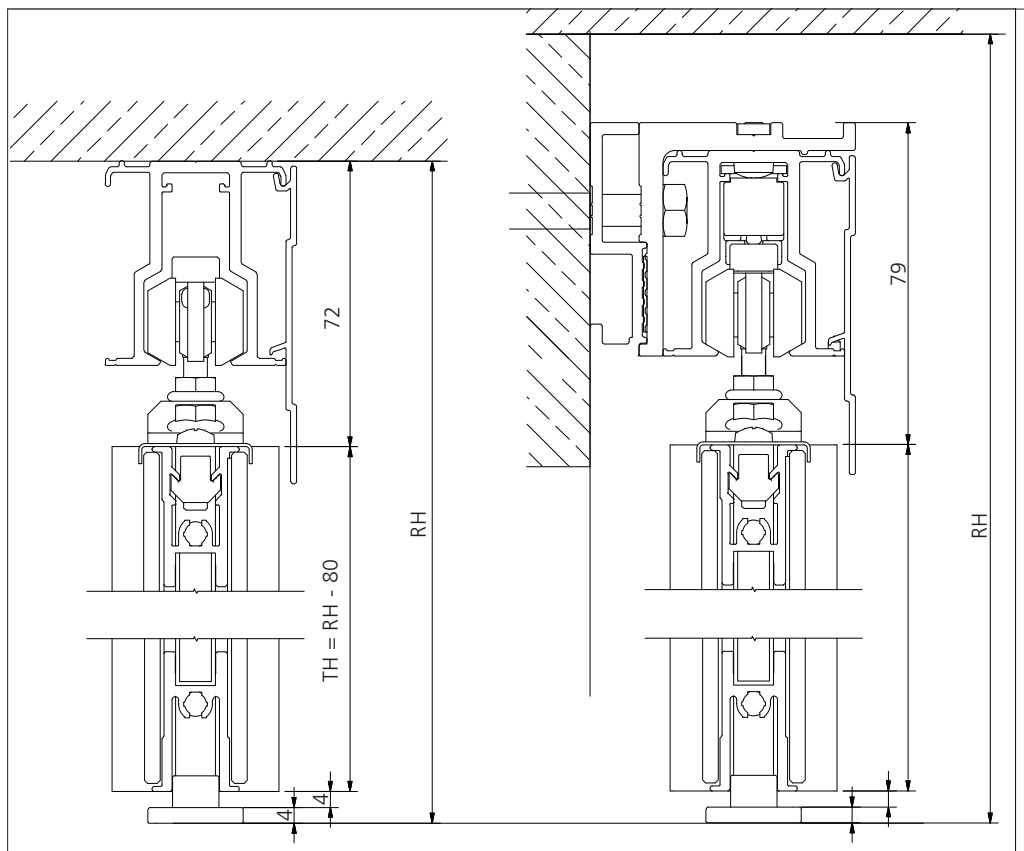
2_ Overlapping



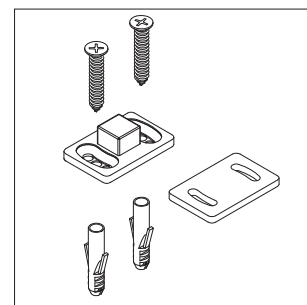
3_ Position of the bottom guiding.

INSTALLATION INSTRUCTION

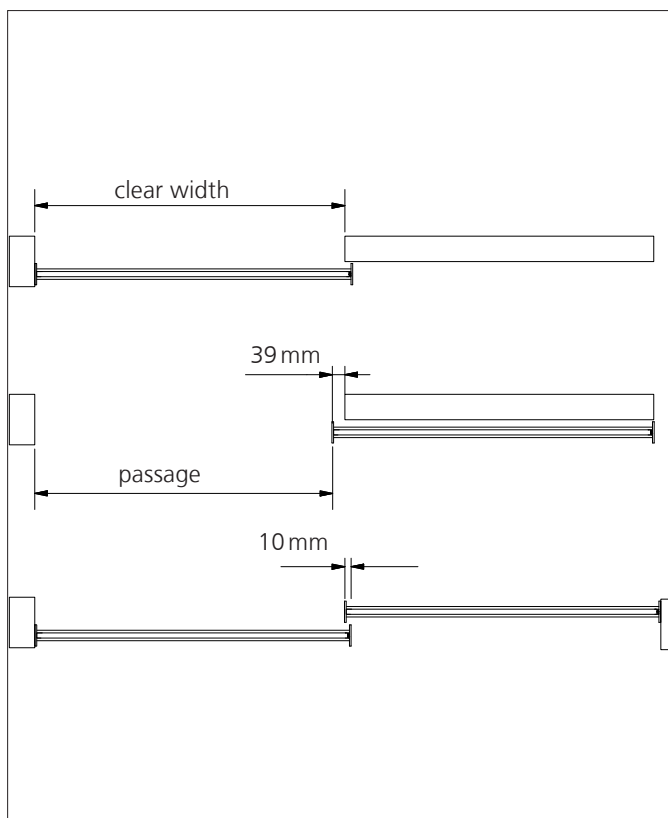
SERIES 8000



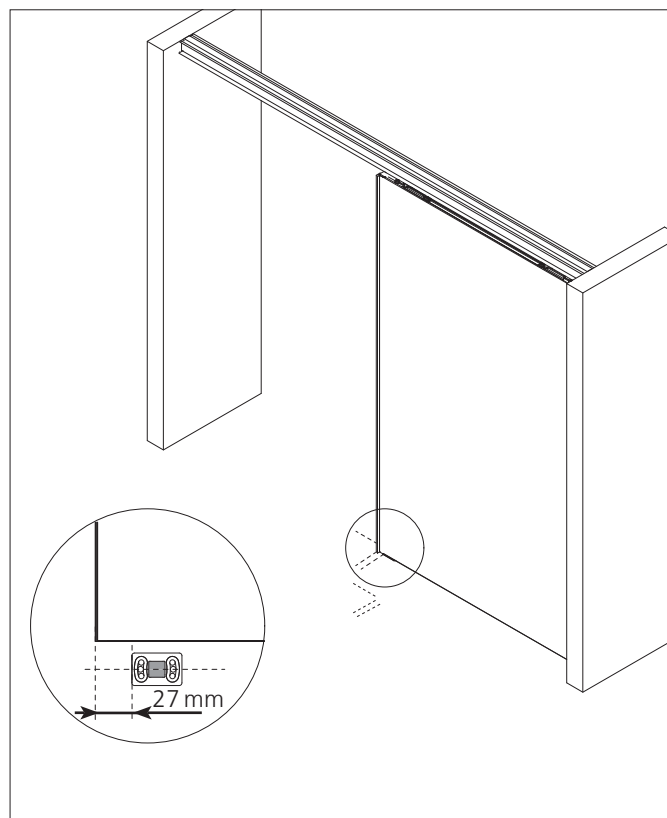
1_ S8000 mounted to the ceiling / to the wall.



bottom guiding 12 mm AIR /
distance plate for guiding
10.05.047 / 10.05.048



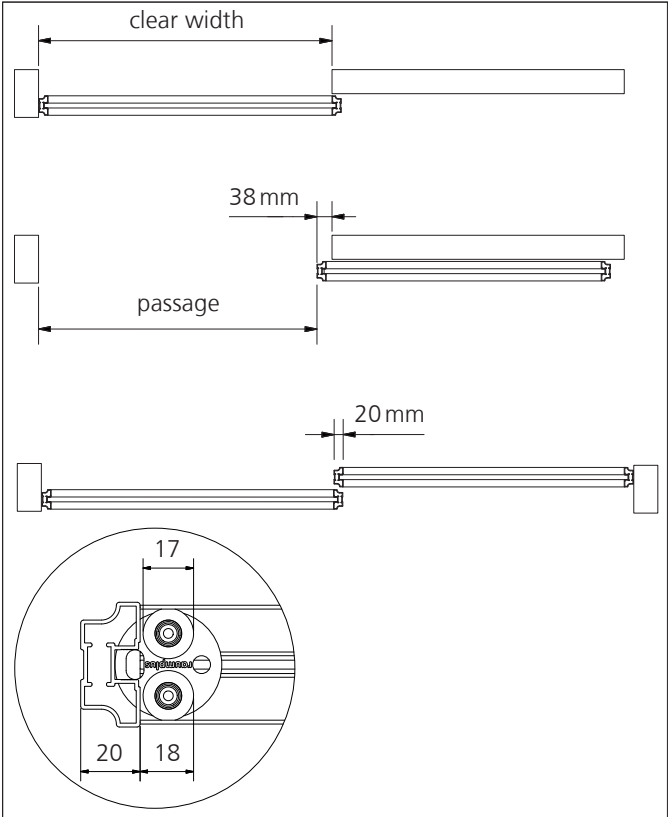
2_ Overlapping



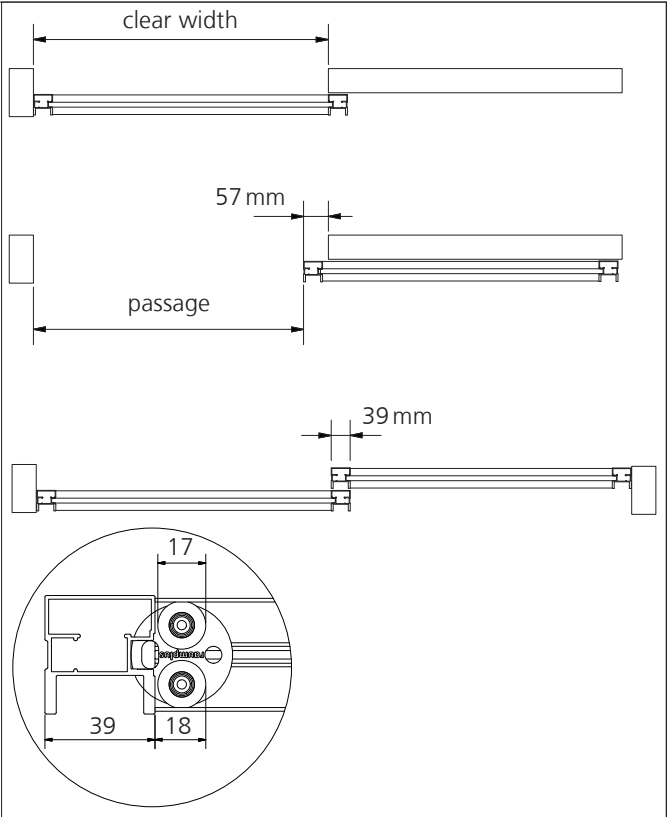
3_ Position of the bottom guiding.

INSTALLATION INSTRUCTION

OVERLAPPING S1500 / S3000



1_ Overlapping S1500

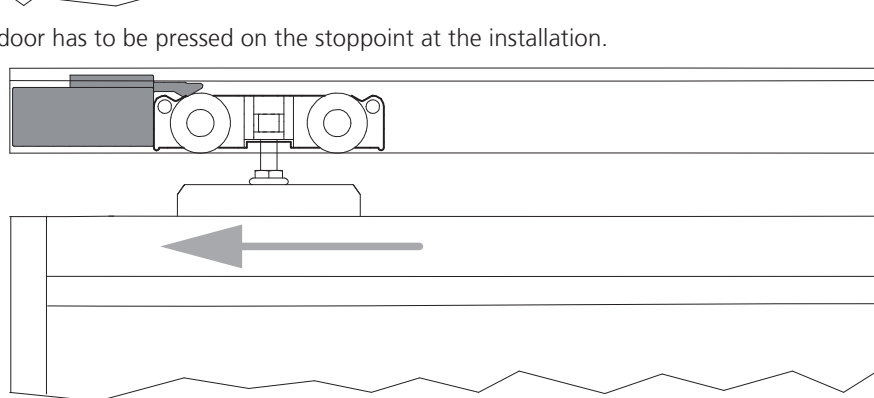
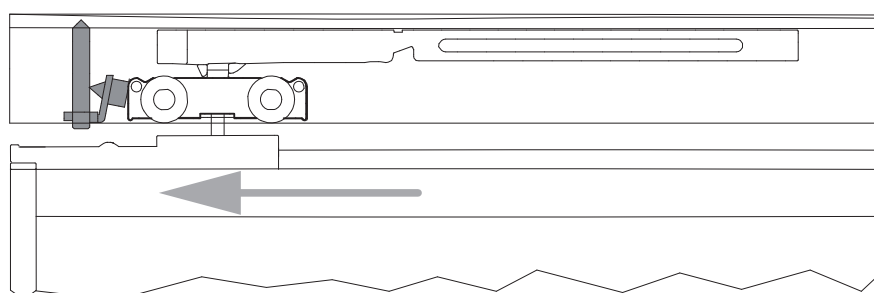
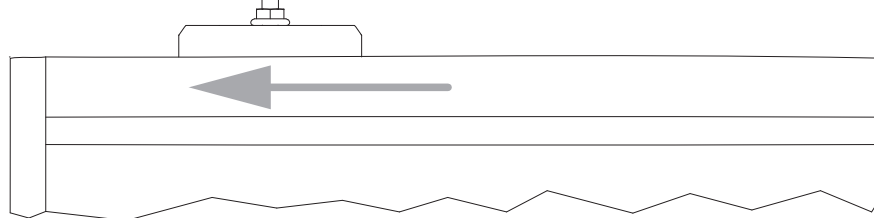
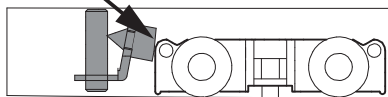


2_ Overlapping S3000

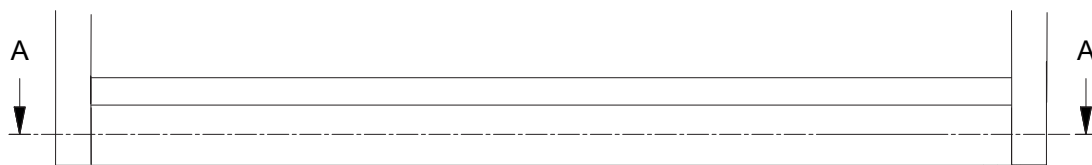
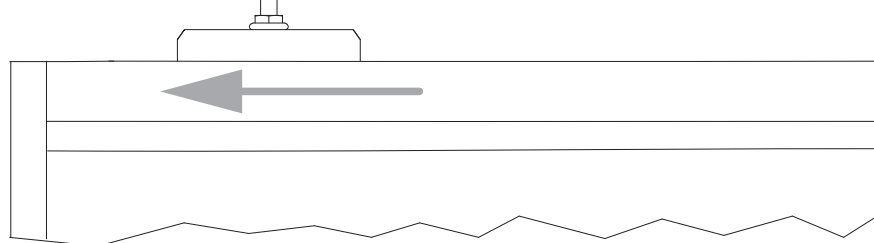
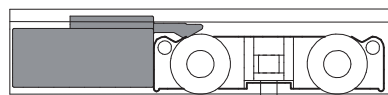
DETAIL DRAWING

STOPPER FOR TOP ROLLER

0 mm

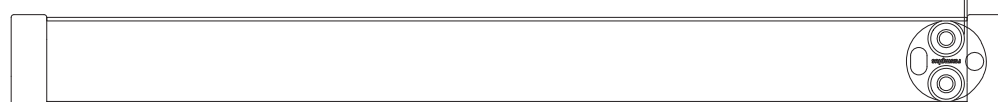


i The door has to be pressed on the stoppoint at the installation.



A-A

1 mm



Attention!

The stopper for top roller inside the top rail are meant to be stoppoint to stop the door. The ground plate with roller air are **not** meant to be the stoppoint for the door and always requires space between the bottom roller and the stile to prevent a collision with the door and the roller.