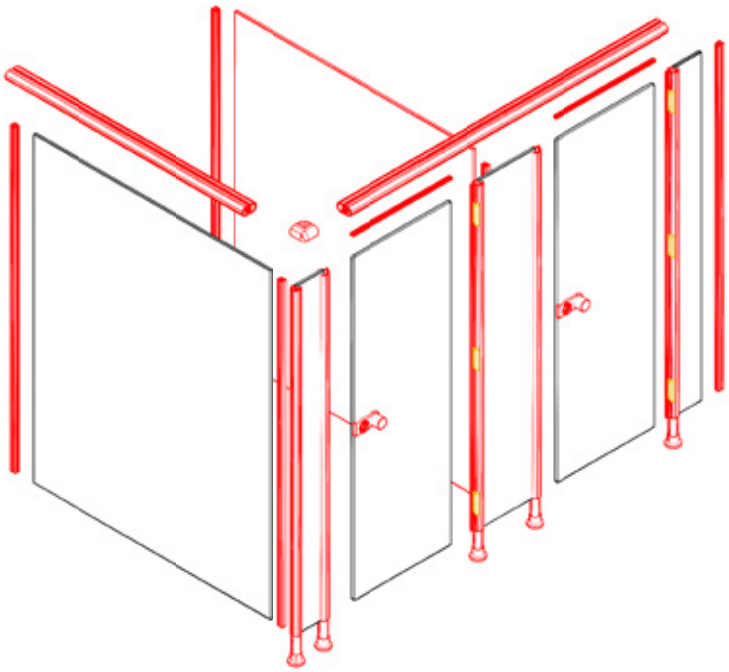
The following parts are required:

- Electric drill with various masonry and HSS bits
- Spirit level
- Small wooden wedges
- Various Philips-HP screwdrivers
- Several wooden blocks height 15 cm or at least 4 Scissor jacks
- Hammer
- Blind riveting pliers
- Standard tools
- Aluminium chop saw



Short cuts for parts:

SPL	- Left side section
SPM	- Middle section
SPR	- Right side section
TW	- Partition
SWF	- End wall with leg
SCHW	- Privacy screen
TUL	- Left door
TUR	- Right door
AD	- cover profile

INSTALLATION INSTRUCTION

13 RP

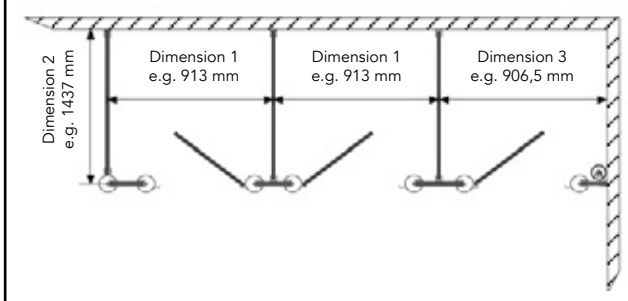
Marking of the wall connections (U profiles)

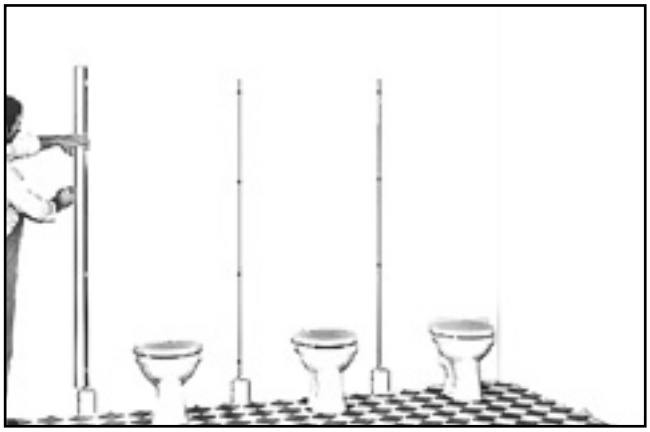
The cabin axis dimensions (dimension 1) can be taken from your drawing if neccessary. If no dimensions are specified, the width of the system is divided into equal parts. These axial dimensions are marked by a vertical line.
The U-profile is placed on a wooden block, which has the height of the ground clearance.
Now mark the drill holes. (see photo)

For the axial dimension of the wall connection "a", 27 mm must be added to the partition depth for screw heads and U-profile at wall and middle parts.
Draw a vertical line with a spirit level and mark the holes.

TW and SW are different.
The dimension of the TW is decisive.
Draw a vertical line with the spirit level and mark the holes as before.

Example





Fastening the U-profiles

Drill the 8 mm holes and insert 8 x 49 mm wall plugs.
Fasten the U profiles with washers and 5 x 60 mm chipboard screws.
Align U-profile top edge with spirit level from profile to profile.
Remove wooden blocks.

Insert the partitions and side walls

Place the walls in the U -rofiles (not yet screw together).
place the walls on scissor jacks and align.
TW and U-profile at the wall at the same height.

Marking the doors, middle, side and corner parts

First of all, the dimensions of the front parts have to be marked on the floor.
Please note the following:

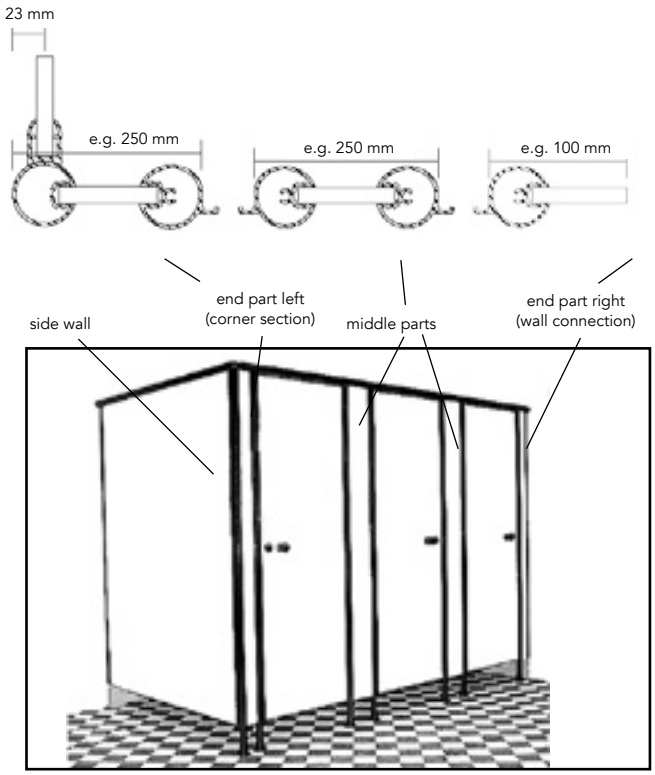
End part
For end parts, the clearance in the drawing must be added to the width of the end wall connection for screw heads and U-profile.
(Example: end section 100 mm, mark 110 mm on the floor.)

Doors
For doors, add 10 mm to their width for door air hinge- and lock-side.
(Example: Door 625 mm, mark out 635 mm on the floor.)

Middle section
For middle sections, the exact width must be marked.

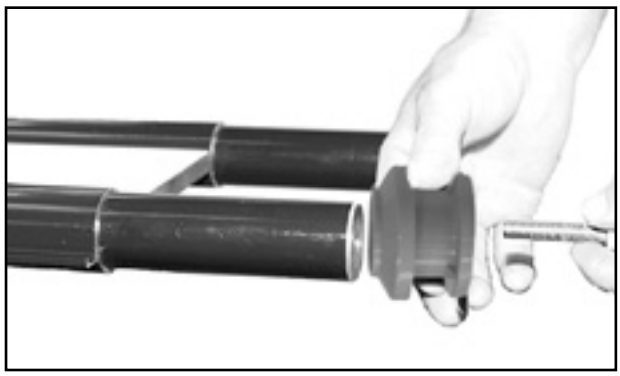
Corner section
For corner sections the width dimension (see example) minus 23 mm is marked. This corresponds to the axial dimension of the end wall. Now the front axle dimensions are marked.
(Important for the distribution of the middle sections)

For checking:
If the front axle dimensions with the axle dimensions of the U-profiles run parallel on the rear wall, the elevation is okay.



Mounting the adjustable rosettes

Drive the sleeve into the stand.Place the rosette on aluminium leg and screw the M10 x 50 screw from below.



Installation of doors, middle, end and corner parts

Place the end part centrally on the marking and insert it into the U-profile. (do not screw it together yet)

The U-profile is placed flush at the bottom of the middle part (according to the dimensions in the drawing), the drilled holes are marked and the U-profile is fixed with screws 4,8 x 16 mm. (4,2 mm pre-drill)
An exact drilling depth of 11 mm must be absolutely maintained.

Now drive in the support legs.

Slide the finished middle part onto the partition and fix it at the partition with 4 x 12 rivets.

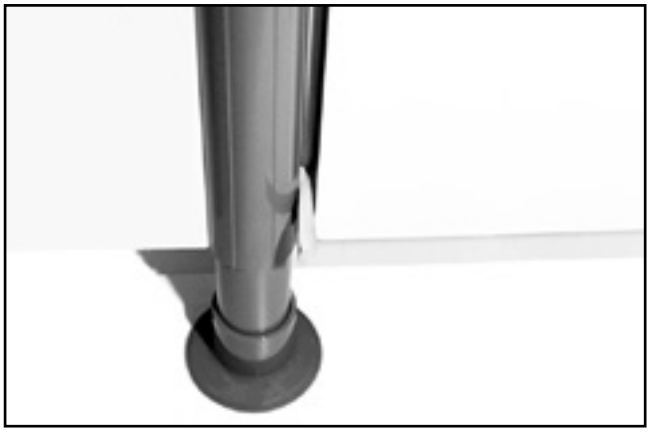
The drilled holes for the U-profile are marked in the corner part (with the corner profile already glued on) and fastened with 4,8 x 16 mm screws. (pre-drill 4,2 mm)
Slide the finished part onto the end wall and rivet as before.

Hook in the doors while keeping the exact door air of 5 mm on the lock side.

The hinges are supplied with self-tapping screws 4,2 x 25 mm on the doors.

The screw tips should be lubricated beforehand.

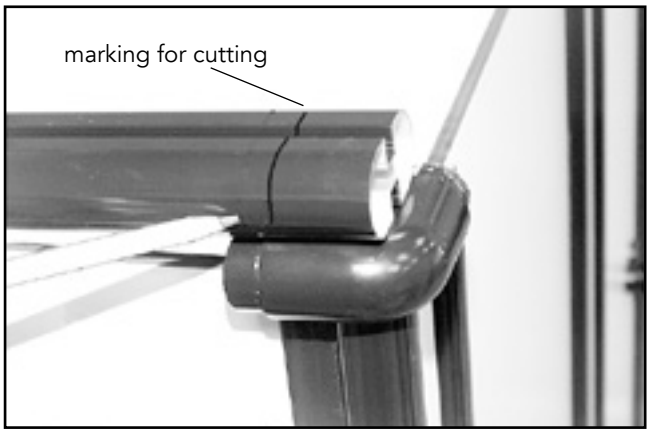
upper door clearance



lower door clearance

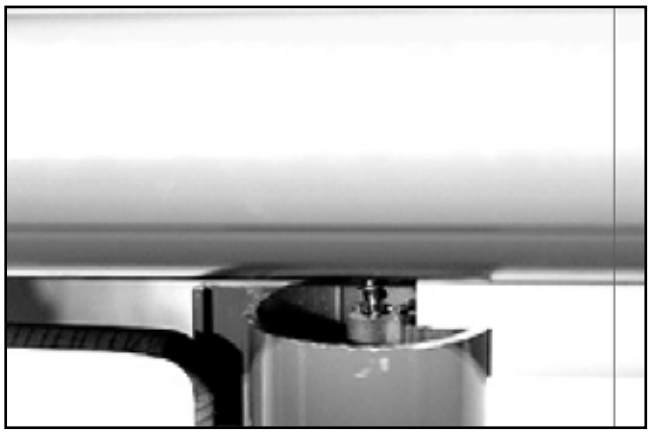
Mounting the cover profiles

To determine the exact lengths of the cover profiles (AD13) the corner joint is placed on the corners of the front and side panels.
Mark the cover profiles and cut them accordingly to length.



to fix the cover profile (AD13) the holes in the profile in the area of the front must be drilled so that they fit in the screw channels of the rebate profiles.
For this, a drill with a diameter of 6,5 mm can be used.

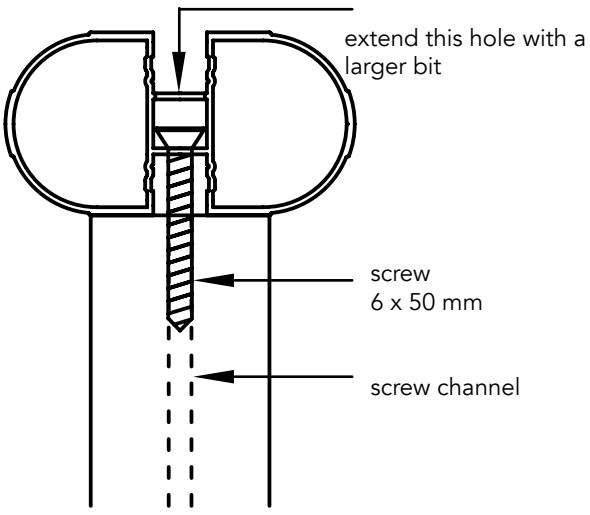
In the upper wall of the profile the holes are extended with a larger drill bit so that the screw head can be fitted through and fastened to the lower wall of the cover profile. In this way a frictional connection is guaranteed. (see drawing)



Now the cover profiles (AD13) and the corner joints are plugged together and attached to the front panel and side panel.

The cover profile (AD13) of the front panel is fitted with galvanized 6 x 80 mm screws in the screw channel of the rebate profile.

The cover profile (AD13) above the side wall is with stainless steel screws 4,8 x 16 mm screws attached. For this purpose, a 4,2 mm drill bit must be used to pre-drill into the 13 mm panel.
Make sure to drill straight into the panel, otherwise there is a danger of tearing out.

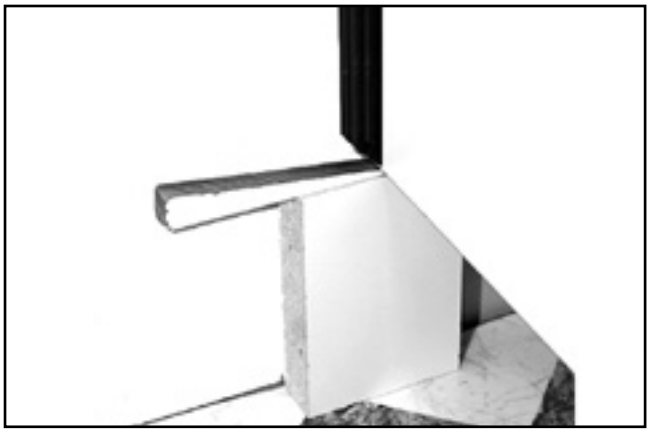


Insert the clip-on profile into the AD13 in the door area.

Aligning the system

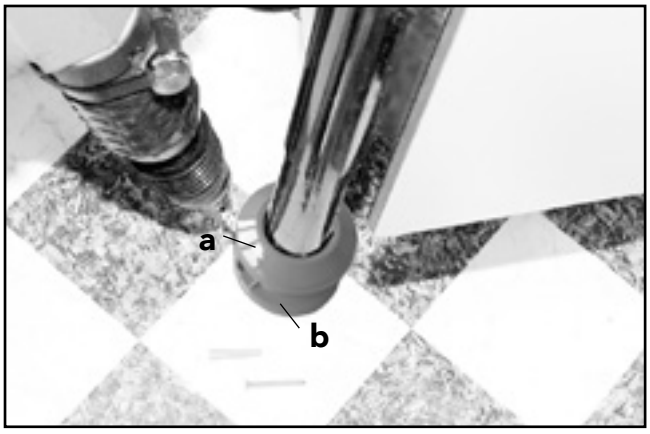
Ensure that the door stops perfectly on the profile, and check the distance to the upper profile.

By raising or lowering the partitions and end walls the door stop can be changed.
If necessary, a correction can also be made using the adjustable support legs.



Screwing and riveting the assembled system

First, the foot rosettes are screwed to the floor.
To do this, slide the cover cap (a) upwards and drill through the holes in the base plate (b) at an angle into the floor using a 5 mm drill bit.
Then put in the plugs 5 x 31 mm, fix with 4,8 x 32 mm stainless steel screws and press the cover cap (a) onto the base plate (b).



The wall profiles must have the same height as the partitions.
In the area of the cover tubes, the U-profiles must abut against them.
If necessary, this must be corrected with a block and a hammer.
This may have to be corrected with a block and hammer.
Now the walls and side pilasters are riveted

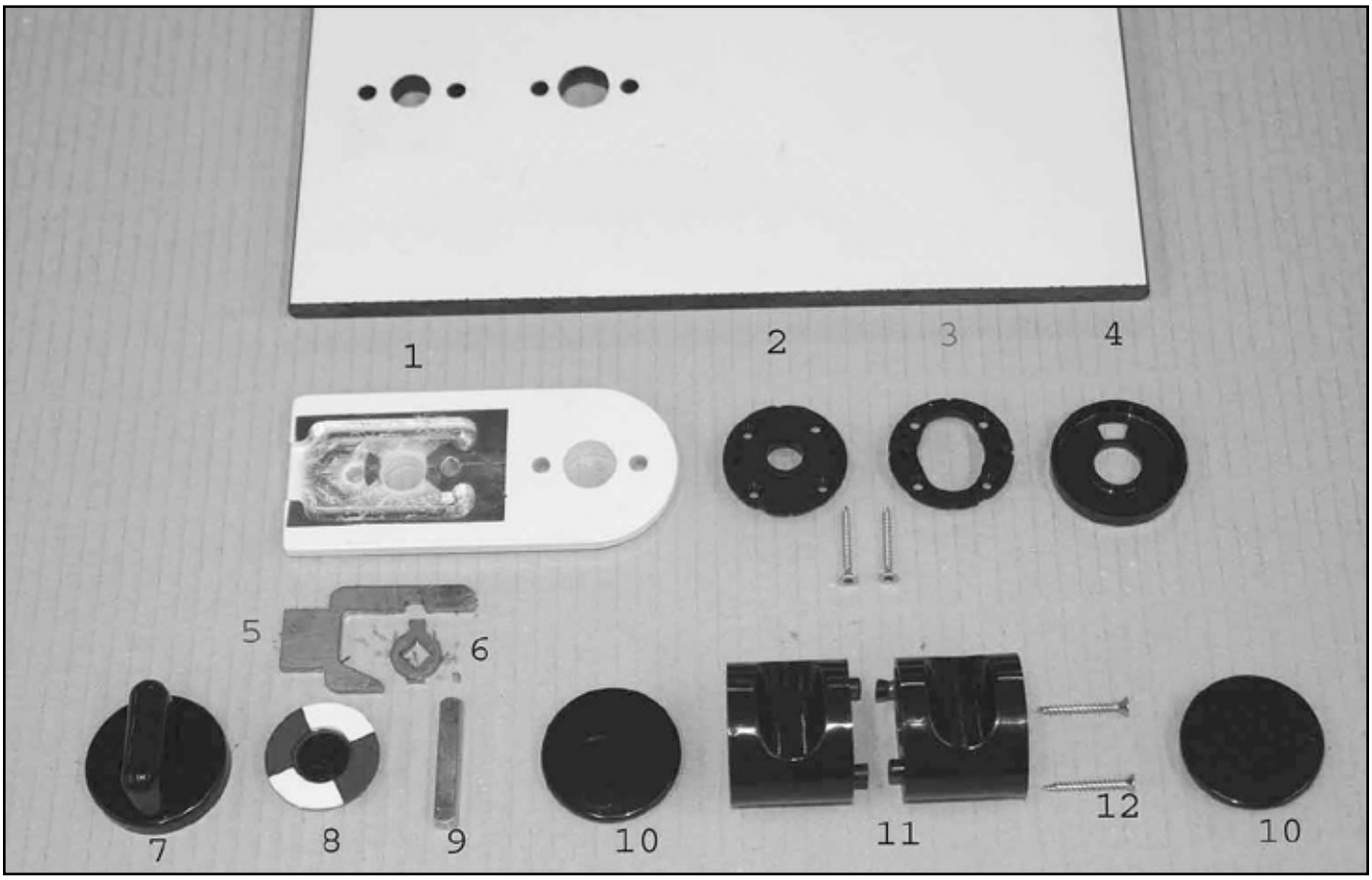
Mounting of hooks
The hooks are marked and fixed with 6 mm wall plugs. Then push on the rosette.

Mounting of buffers
Mark the buffer at the height of the door handles.
The lower parts are fastened with a 8 mm dowel and screws 5 x 50 mm with washer.
Then press on the buffer.

Installation Lock RS1

the following tools are required:

Phillips-HP screwdriver
Torx driver 15
small hammer



Always place the lock case on the side after which the door is opened.

First the 2 coiled spring pins (3 x 10 mm, without illustration) must be inserted into the housing (1) with pliers. (squeeze if necessary)

The base plates of the red/white locking device (2, 3) and the 2 screws 3,5 x 35 (12) must be ready to hand before attaching the lock case.

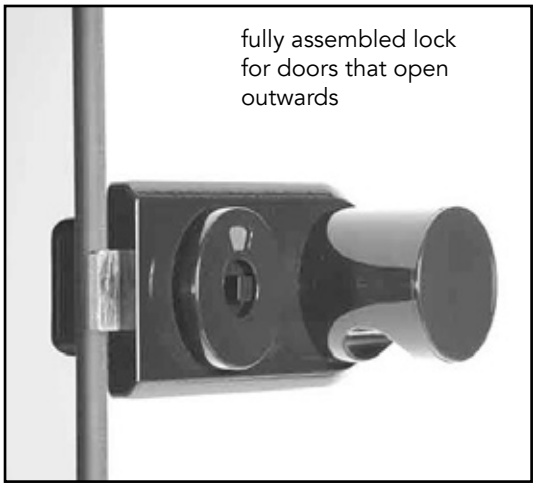
Insert the cam (6) with the long tab upwards into the lock case (1) and add the slider (5). Insert this sub-unit with the dowel pins through the door bore, possibly press together with pliers.

Insert the base plate (3) on the side on which the red/white disc appears later.
Place the base plate (2) on the other side of the door and screw both parts together.

The square (9) is now inserted into the locking knob (7).
This unit is now inserted with the square through the cam in the lock case and pressed firmly.

Put the red/white indicator (8) with the external emergency release to the outside on the square pin (9) and then fix it by pressing on the rosette.

The button parts (11) are fastened with the screws (12).
Finally move the cover caps (10) onto the buttons and check the lock for function.

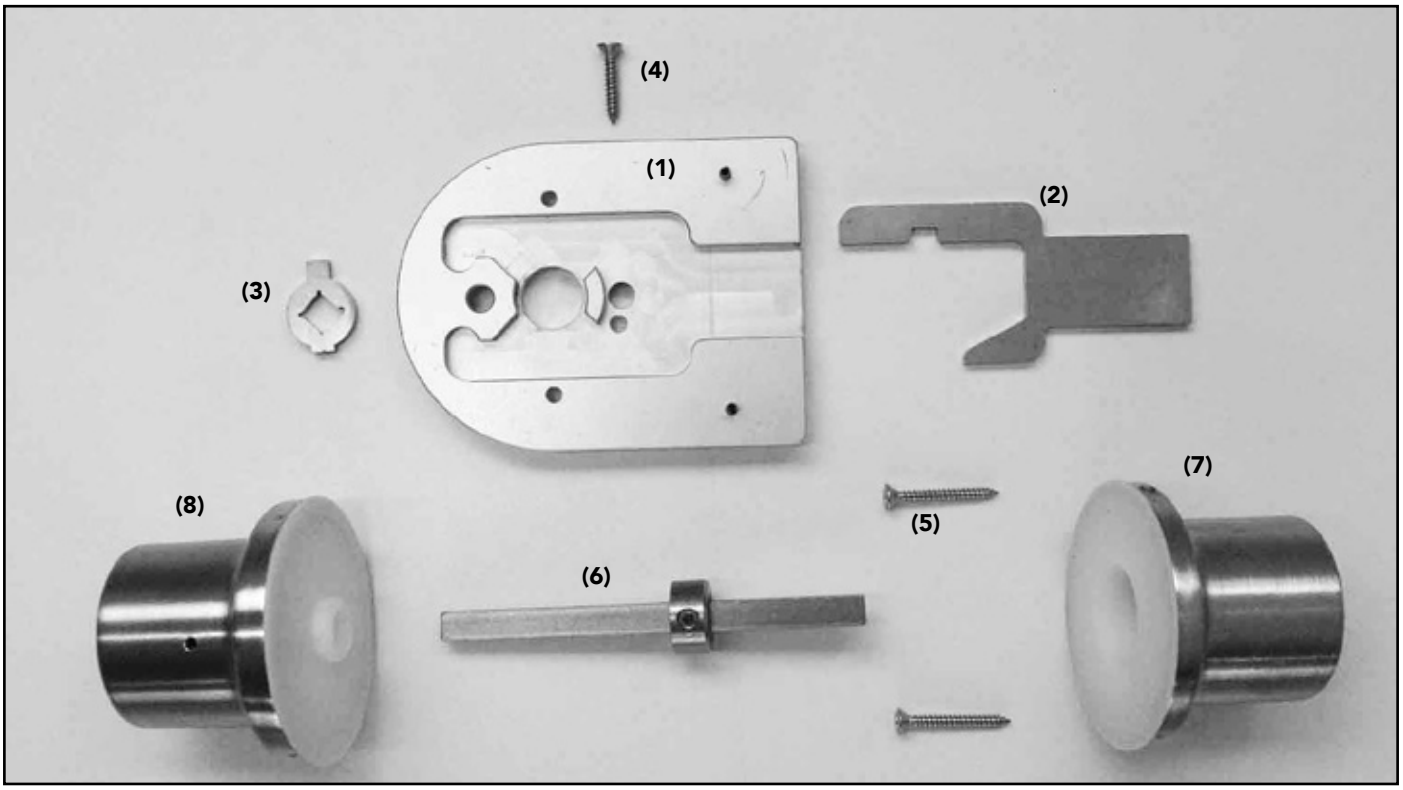


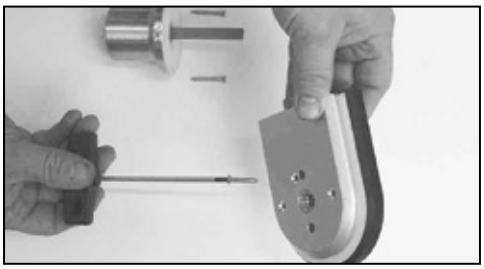
fully assembled lock
for doors that open
outwards

Installation lock RS2, RS3

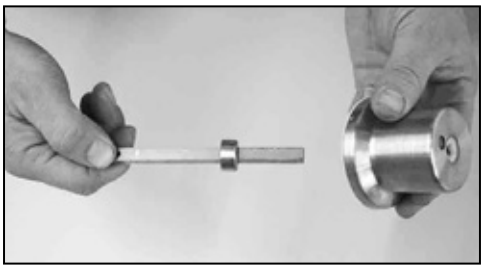
the following tools are required:

Phillips-HP screwdriver
Torx key 15
small hammer
Allen key 2,5 mm

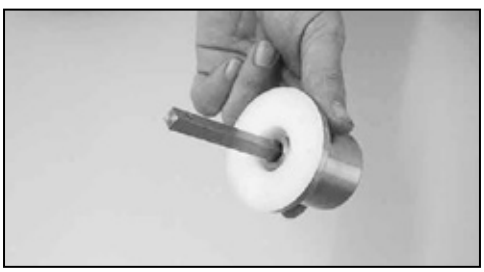




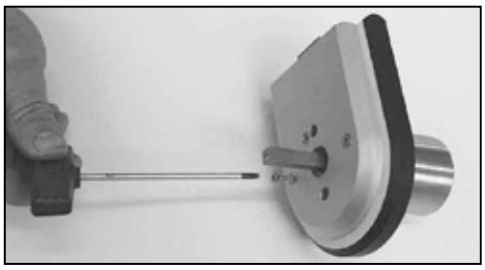
First, the 2 dowel pins (3 x 10 mm, without illustration) must be inserted into the housing (1). (possibly press together with pliers)
The housing with inserted slider (2) and cams (3) is now attached with the 3.9 x 22 screw (4)
(Torx 15) on the side after which the door is opened.



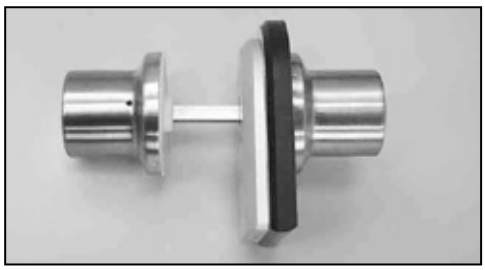
Insert the square pin (6) into the red/white-knob (7)



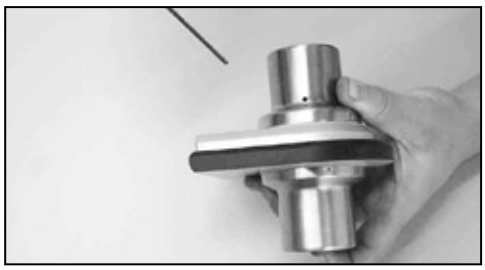
For doors that open inwards, insert this unit from the outside through the door and the cam.



Screw it together with 2 Torx-screws 3,9 x 32 (5). Observe the position of the red/white-indicator!



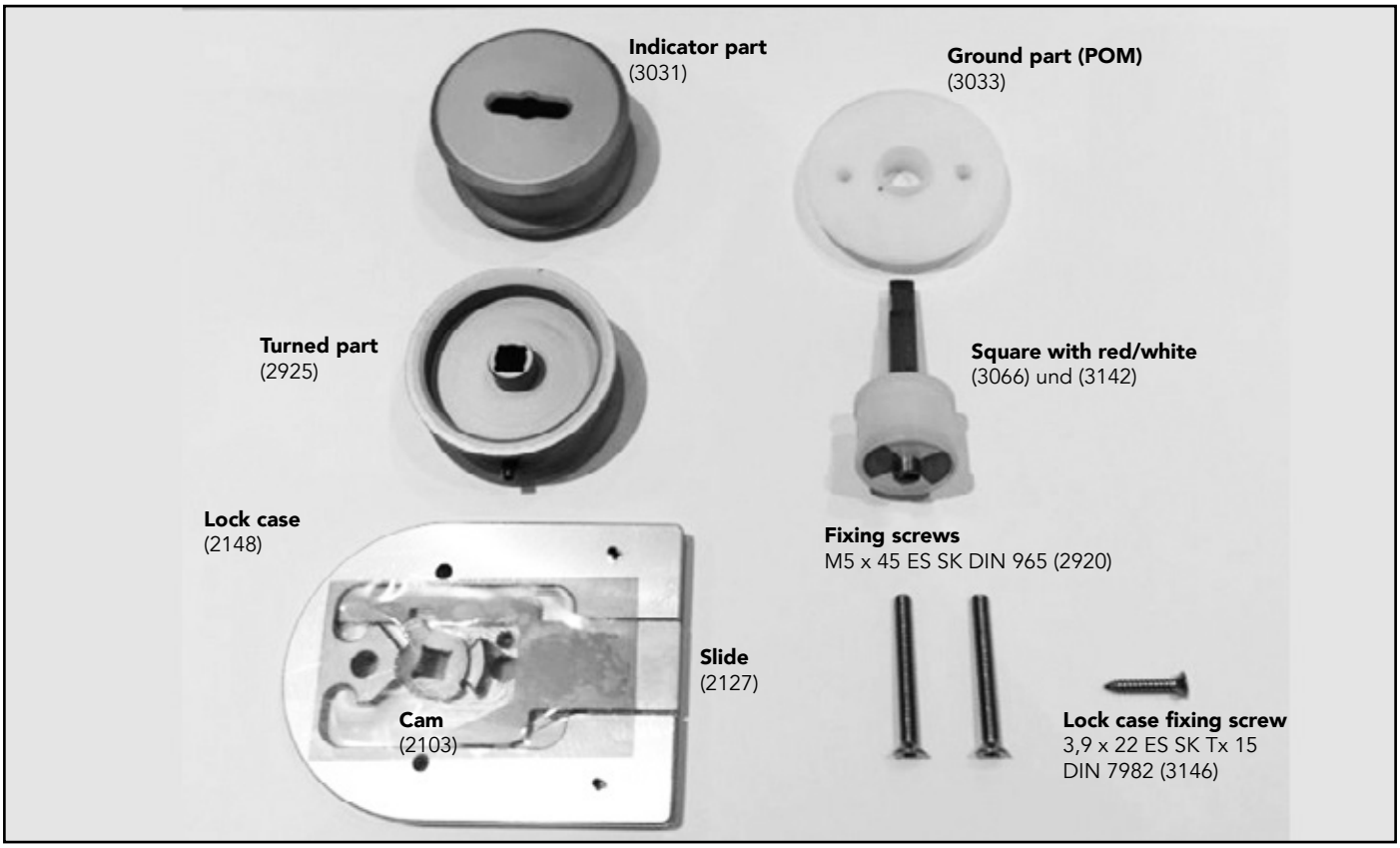
From the opposite side, slide the knob (8) onto the square.



With a 2,5 mm allen key, the rotary knob, is screwed with the red-white-side under pressure on the square.
Attention! Don`t treat stainless-steel with acidic cleaner!

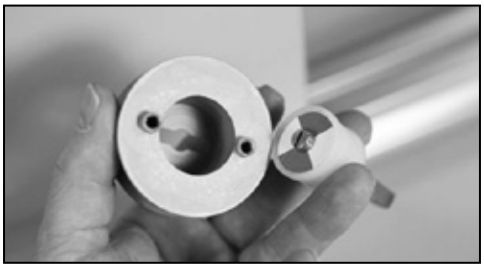
Installation lock RS4

the following tools are required: Torx key 15 und 20
Allen key 2,5 mm



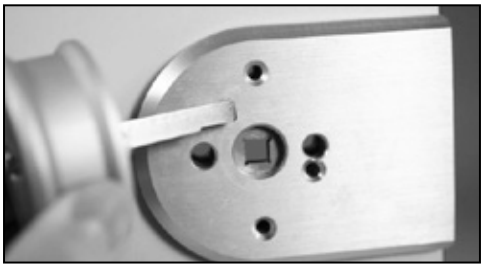
Remove foil from lock case (Attention: loose parts)
Put the lock case with 3 mm dowel pins on the door and fasten it with screw 3,8 x 21. The slider must be in the lock case. It has to be preparated for DIN R, as shown. For DIN L the slide and the cam must be flipped.

The basic part is now attached from the other side and is screwed with the 2 screws M5 x 45 (Torx 20), through the lock case, to the red/white indicator knob.

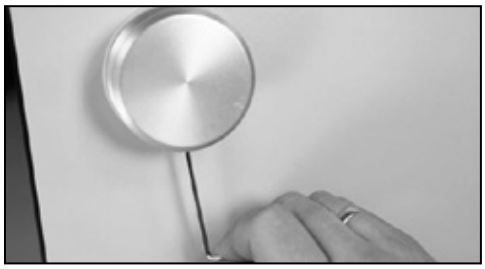


Insert the square with the red/white indicator into the display unit. „White“ must be displayed in the viewing window.

Put on the turning part. The movement can be adjusted by pressing the knob and holding the square on the other side.

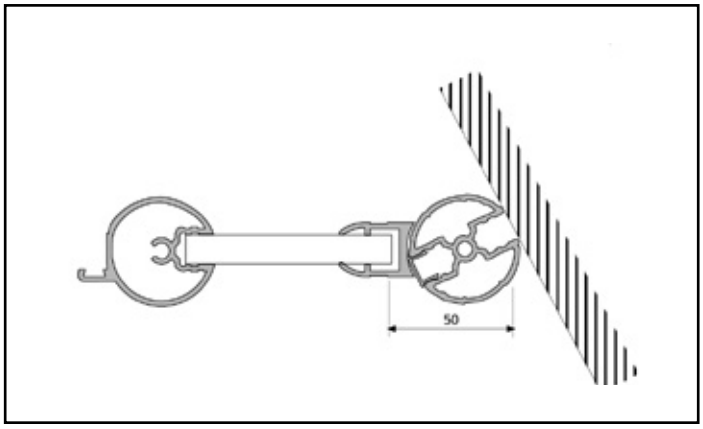


Now insert the knob through the lock case.
The flattened side of the square must face down.

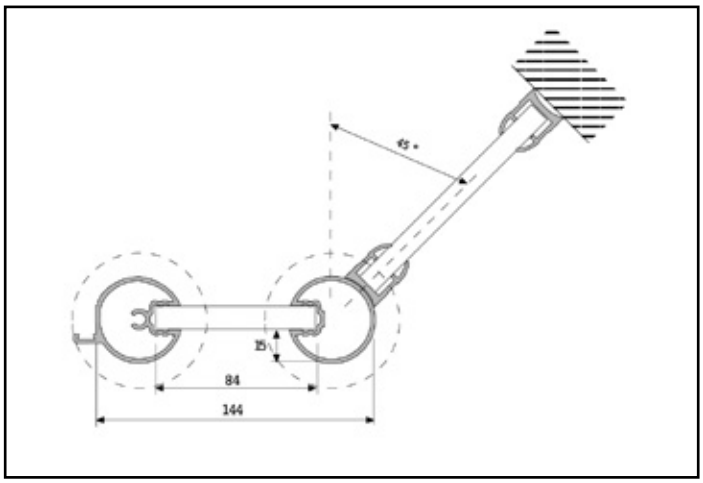


Finally fasten the knob with a 2,5 mm Allen key.

Inclined wall connection



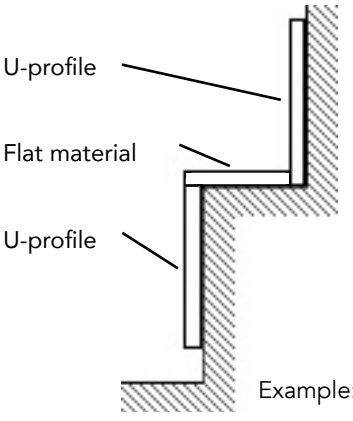
Bevelled front



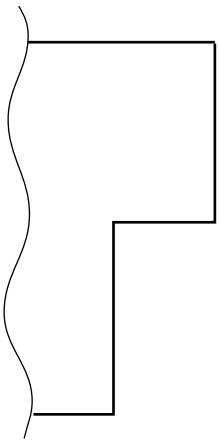
Recess

If there is a facing brick in the area of the wall connections, a recess is required.
In this case, the procedure remains as described in “Marking the wall connections”,
but U-profiles and flat material must be cut.

The partition, end wall or the end section must be cut out to the shape of the skirting board.
This should be conducted with a freehand circular saw or a jigsaw.

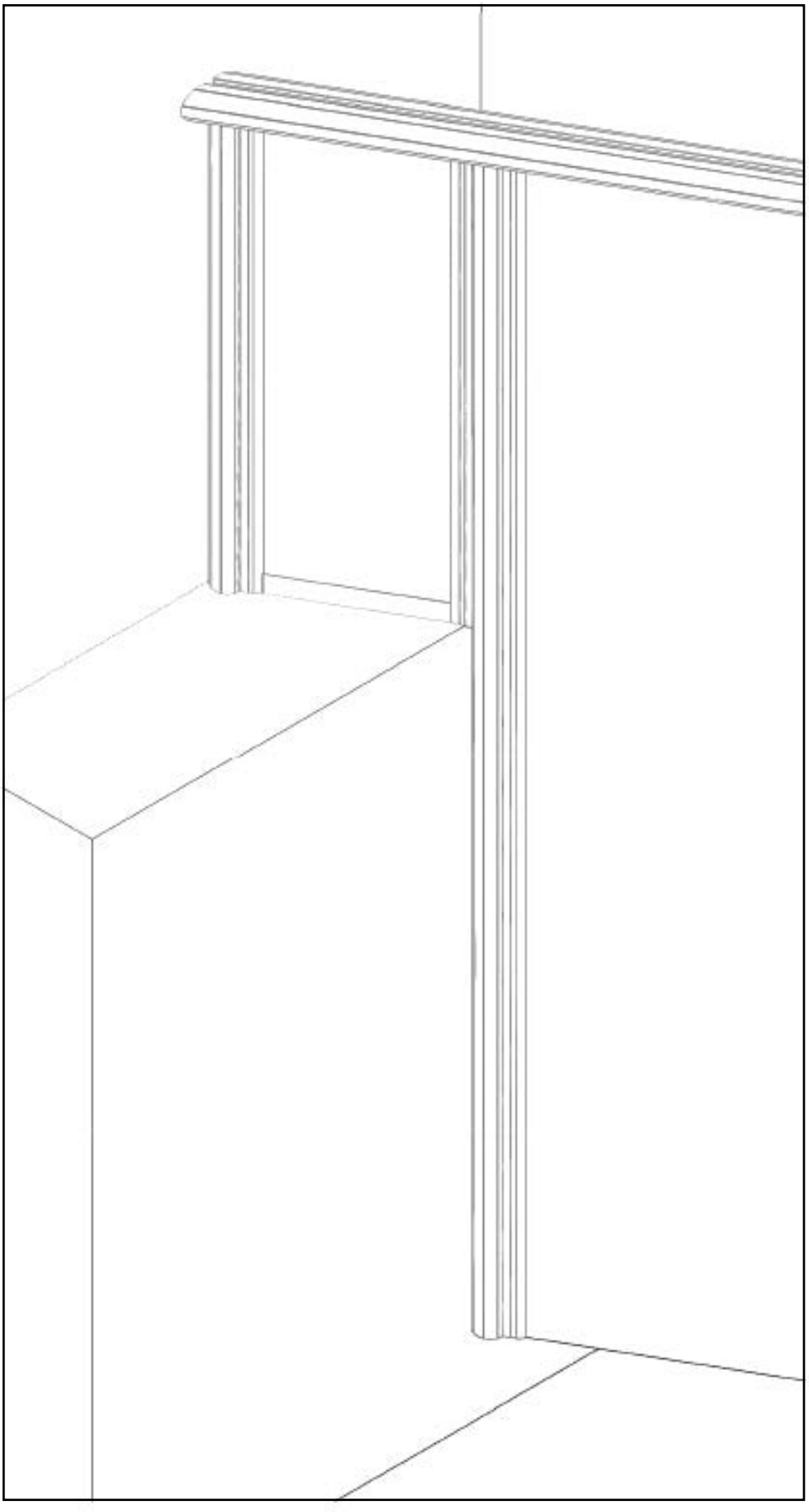


Example: Cubicles with ground clearance

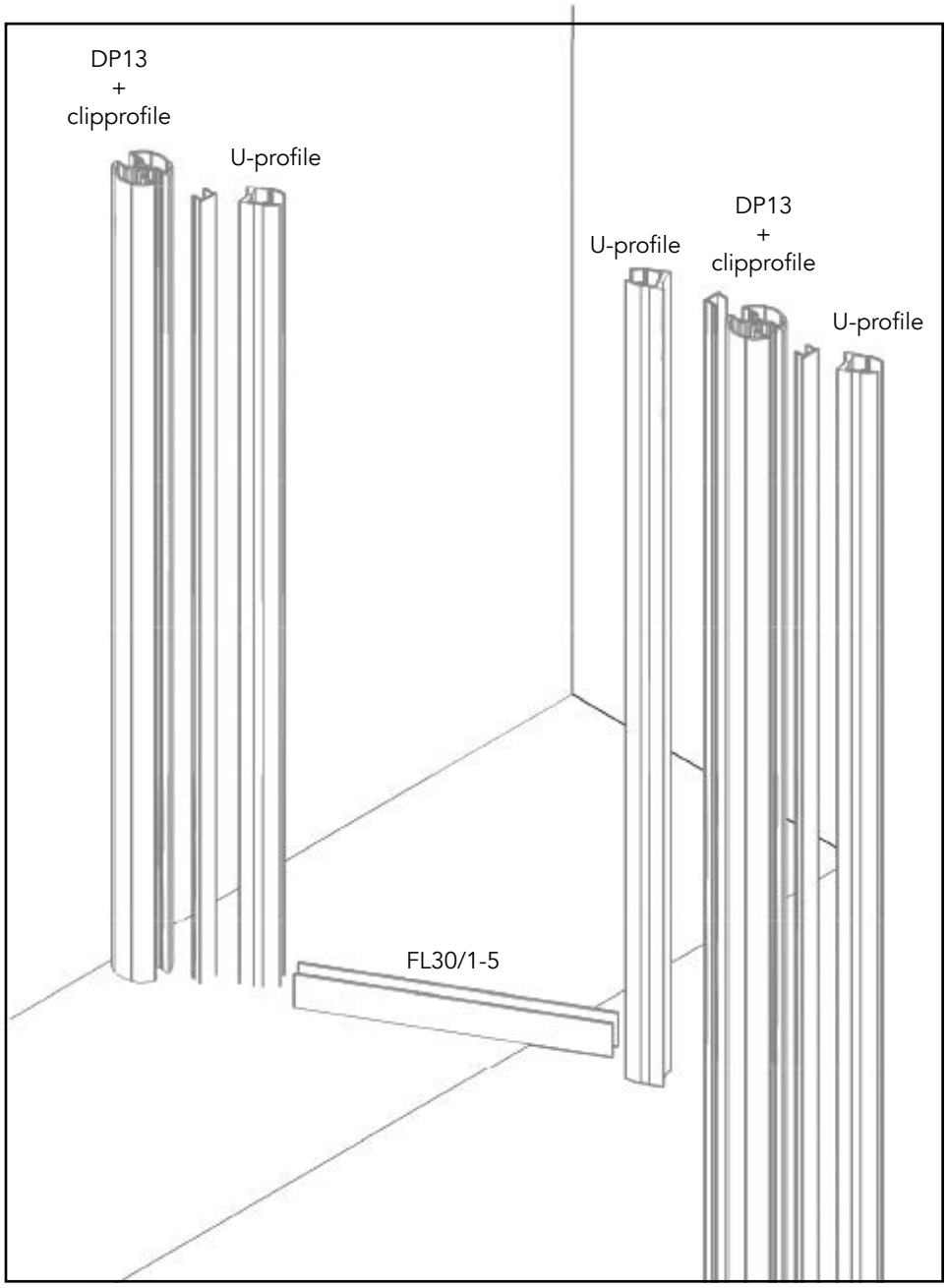


Inclined wall connection with recess

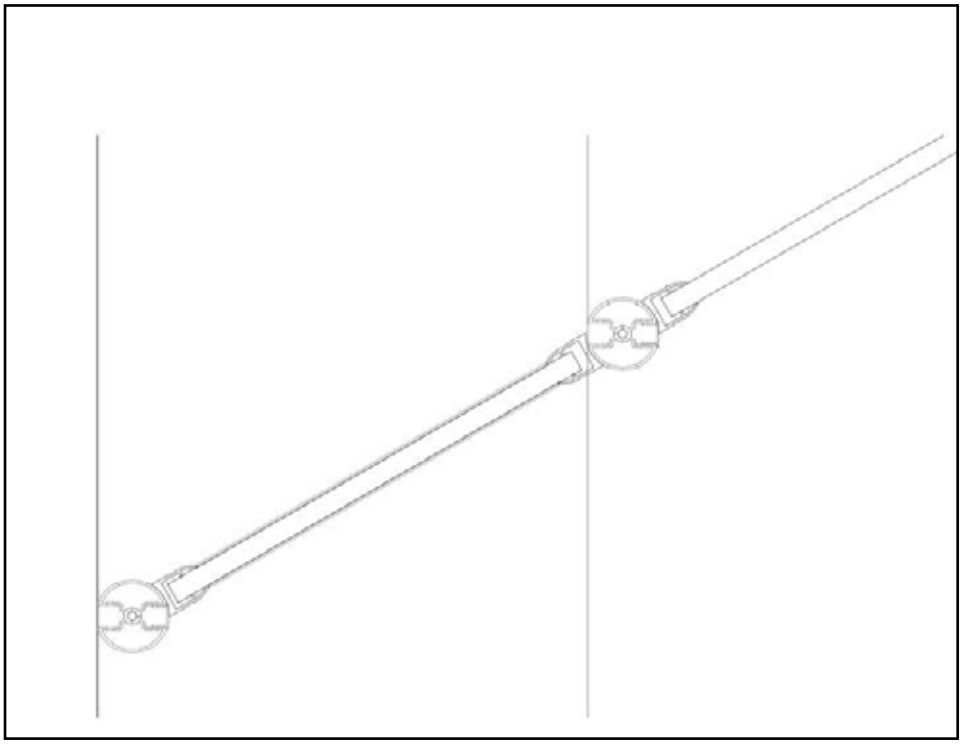
View



Detail



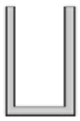
Top view



Type 13 RP without clearance

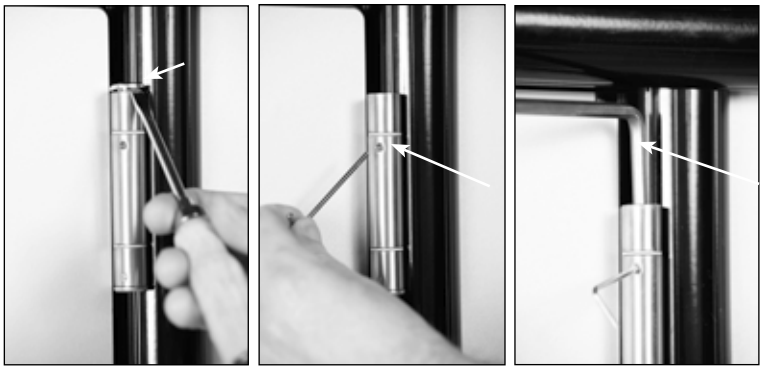
For the floor connection the profiles UP13G have to be cut-to-length on site to the width of the pilasters.
Then they will be screwed on the floor.

Floor connection with UP13G



Wall connection with UP13

How to tense springe hinges



Keep the door closed.
Remove the cover cap and unloose the setscrew with a 2,5 mm Allen key.
Tense the springe hinge with a 6 mm Allen key.

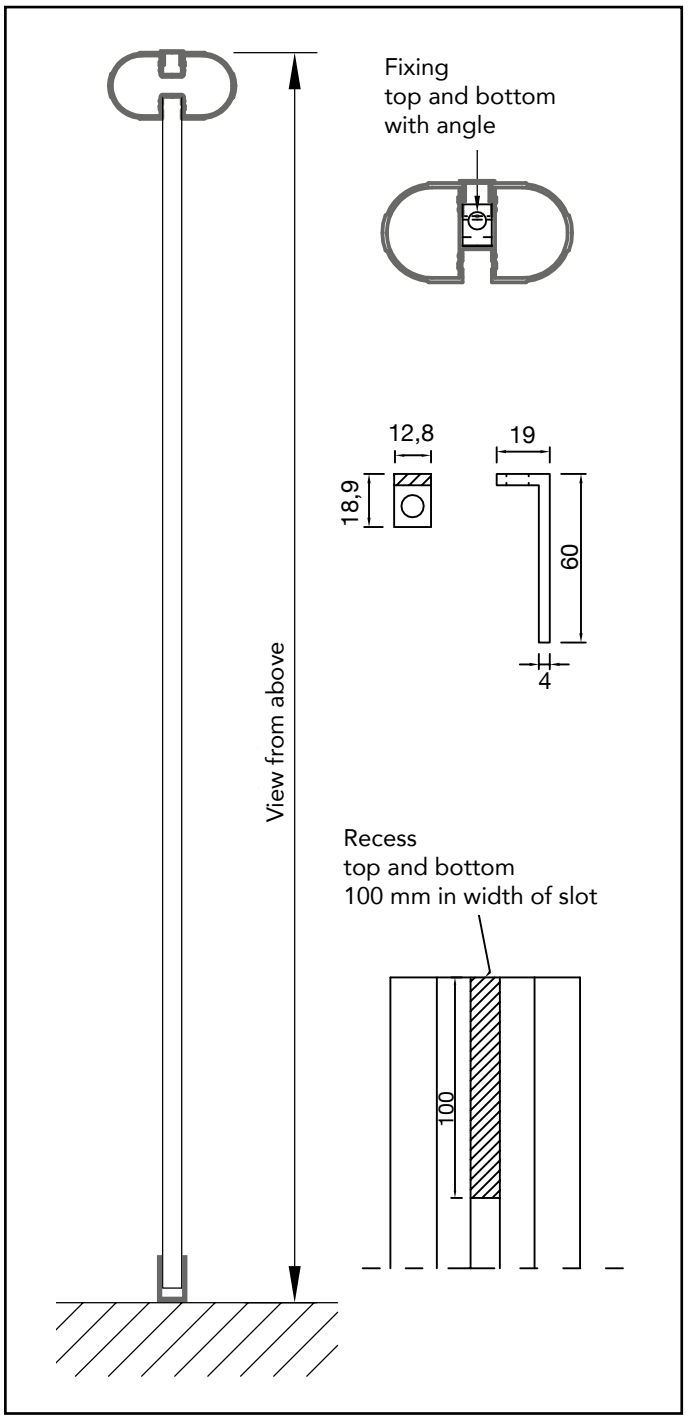
If the spring pin is tightened in the door closing direction, the door closes automatically.

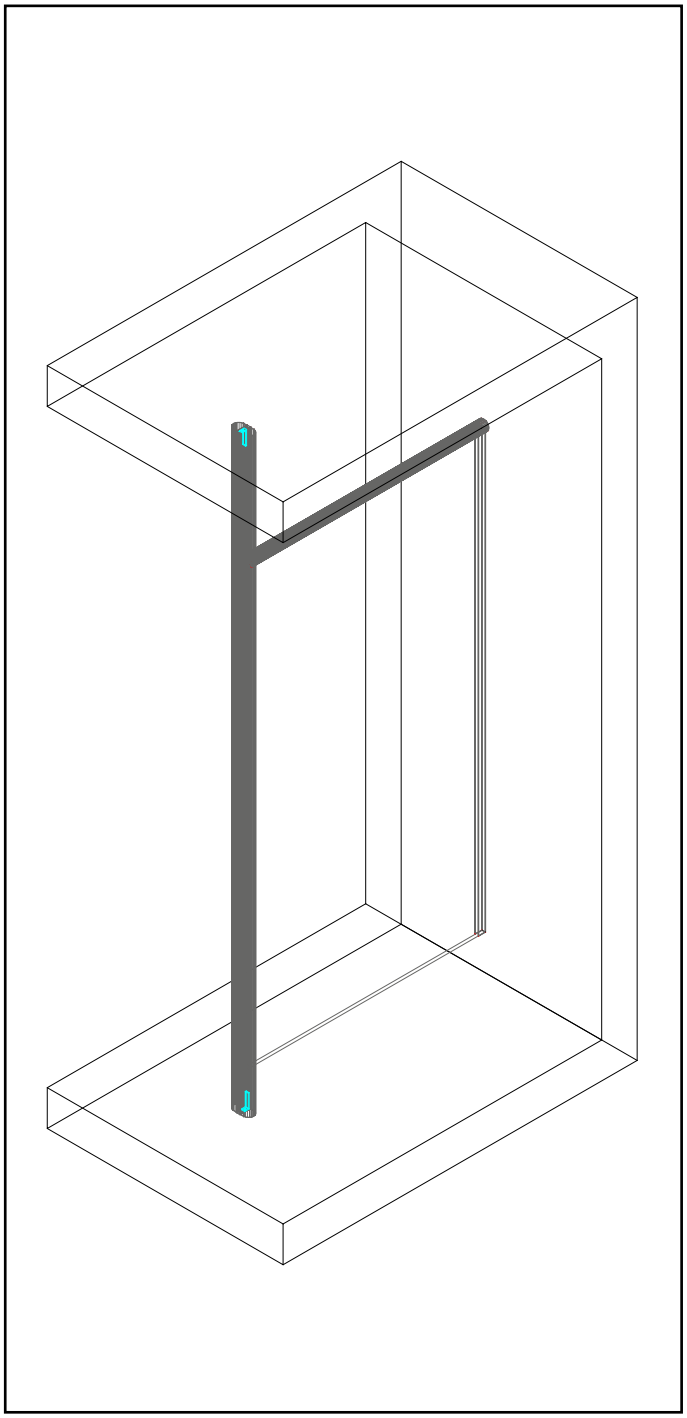
If the door schould open automatically
spring bar must be tightened in the other direction.

Prestress a maximum of 2 grid points.
No more than 120°.
(Risk of spring overload)

Now tighten the setscrew again and fit the cover cap.

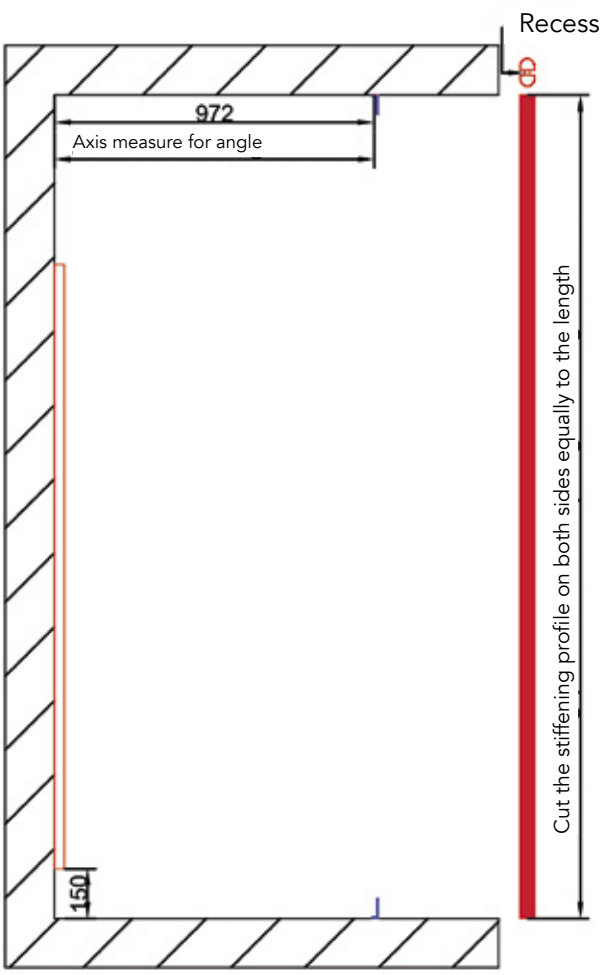
Stiffening
Fixing to ceiling and floor unvisible!



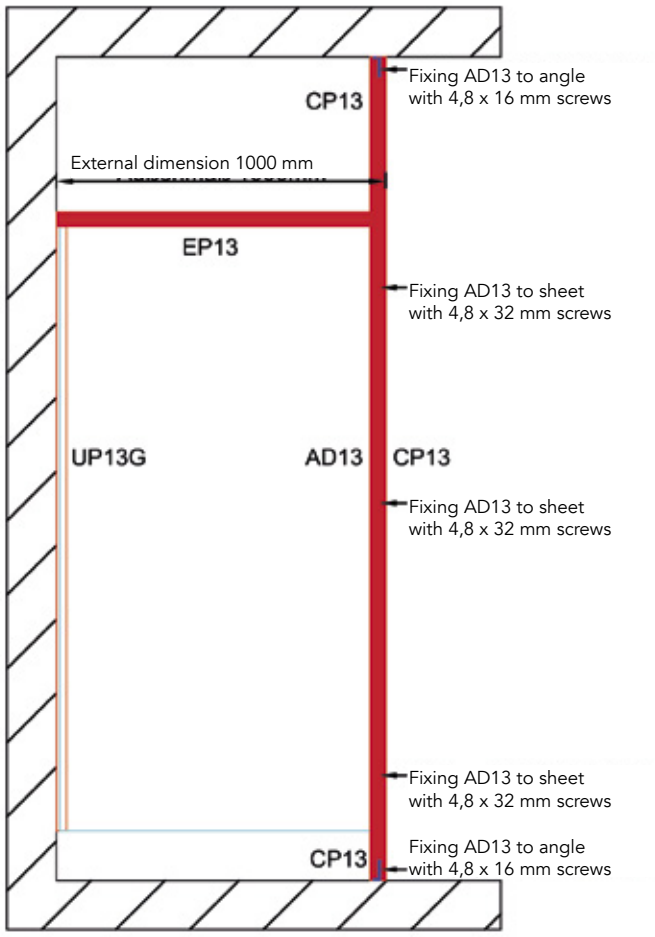


Example: Floor- and ceiling support 13 RP with clearance!

Measurements



Installed system



Installation procedure

Draw a vertical line with the spirit level at the position where the wall is to be mounted and mark the holes for the UP13G.

Also mark the two angles at floor and ceiling. Same axial dimension as the UP13G.
Formula: outer dimension -28 mm.
Now drill 8 mm holes and insert dowels 8 x 51 mm.

Fit the UP13G to the specified size using washers and 5 x 50 mm Spax screws.
Mount the two brackets with 5 x 50 mm Spax screws.

Cut the AD13 to length on both heads.
Formula: clear height -2 mm.
The reccesses of AD 13 must face the fixed wall.

Place the 13 mm sheet in the U-profile. Place the front part on a wooden block and in the scale.
Now the wall is fixed with 4 rivets. Pre-drill 4,0 mm for this.

The AD13 is now screwed to the top and bottom angles with 4,8 x 16 mm screws. Furthermore, the AD13 must be connected to the 13 mm sheet. Pre-drill 4,2 mm into the plate and screw together with 4,8 x 32 mm screws.

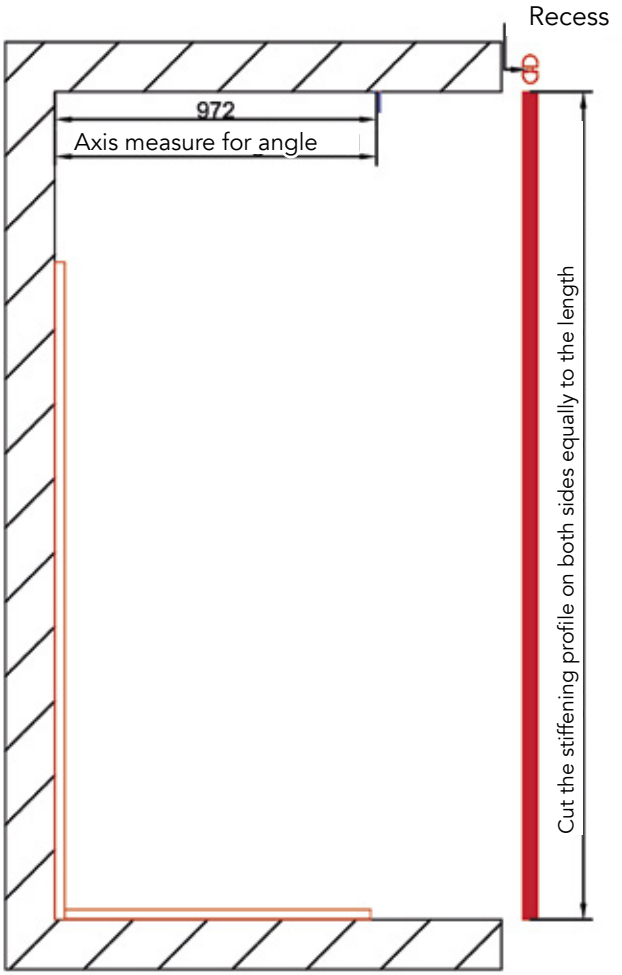
Attention! Drill straight into the plate to avoid tearing!

Now the EP13 is cut to size and glued with silicone (on site). Formula: Outer dimension -45 mm.

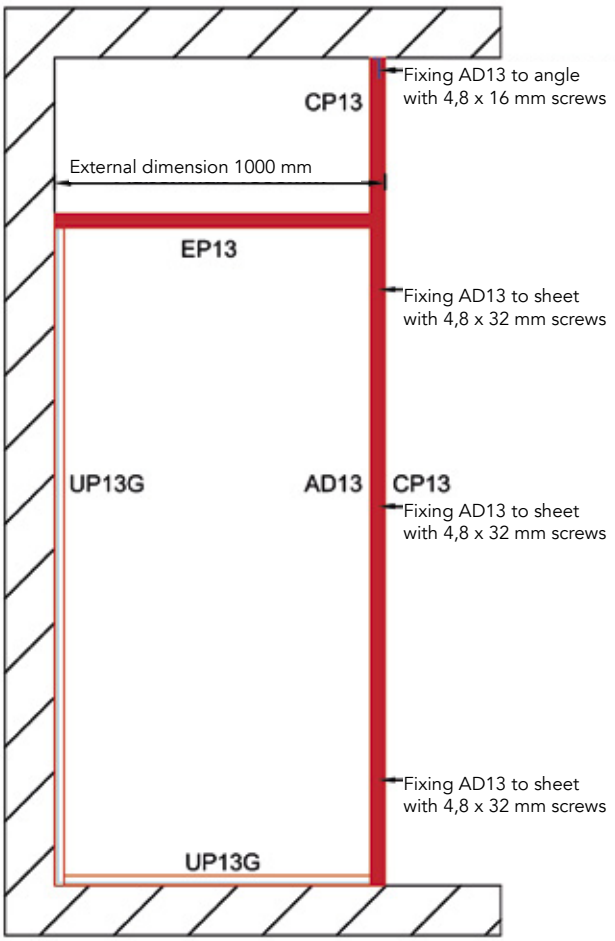
Finally, the CP13 are cut to length and inserted.

Example: Floor- and ceiling support 13 RP without clearance!

Measurements



Installed system



Cut the lower UP13G to length. Formula: Outer dimension -75 mm.

Draw a vertical line with the spirit level at the position where the wall is to be mounted and mark the holes for the UP13G.

Also mark the angle at the ceiling. Same axis measure as at the UP13G.
Formula: external dimension -28 mm.
Now drill 8 mm holes and insert dowels 8 x 51 mm.

Fit the UP13G to the specified size using washers and 5 x 50 mm Spax screws.
Mount the two brackets with 5 x 50 mm Spax screws.

Cut the AD13 to length on both heads.
Formula: clear height -2 mm.
The reccesses of AD 13 must face the fixed wall.

Place the 13 mm sheet in the U-profile. Place the front part on a wooden block and in the scale.
Now the wall is fixed with 4 rivets. Pre-drill 4,0 mm for this.

The AD13 is now screwed to the top and bottom angles with 4,8 x 16 mm screws. Furthermore, the AD13 must be connected to the 13 mm sheet. Pre-drill 4,2 mm into the plate and screw together with 4,8 x 32 mm screws.

Attention! Drill straight into the plate to avoid tearing!

Now the EP13 is cut to size and glued with silicone (on site). Formula: Outer dimension -45 mm.

Finally, the CP13 are cut to length and inserted.