

# RS 40S

## MOUNTING INSTRUCTIONS



### RS ROLLCOM

RS 40S

Each RS ROLLCOM roller shutter is delivered wrapped in bubble foil as in photo below



Unpack carefully!

Each package consists of following elements



Pull strap, set of  
bolts nuts and  
rivets for assembly

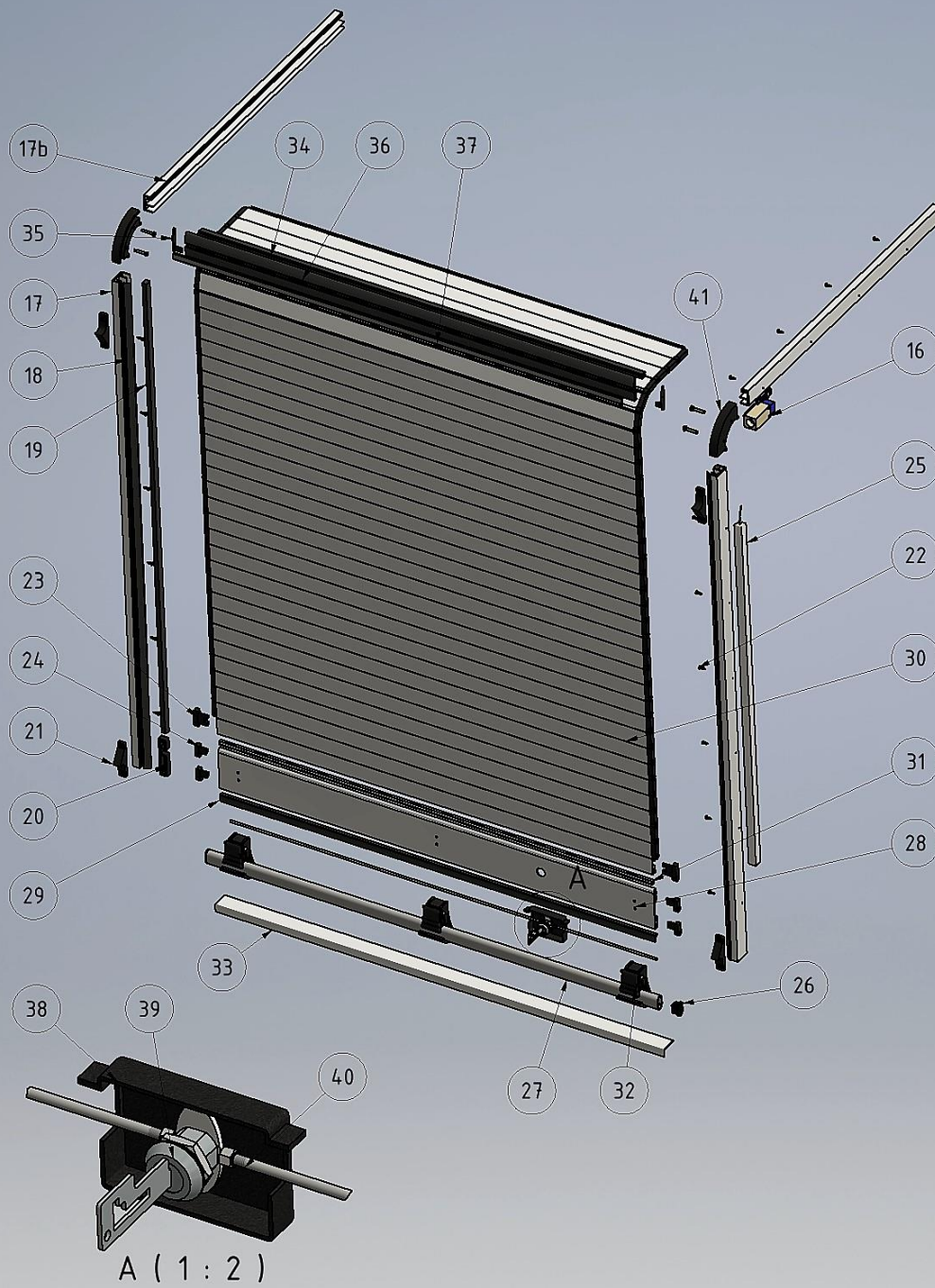
Runner segments

Runner profiles  
Threshold profile  
Gutter profile

Roller shutter



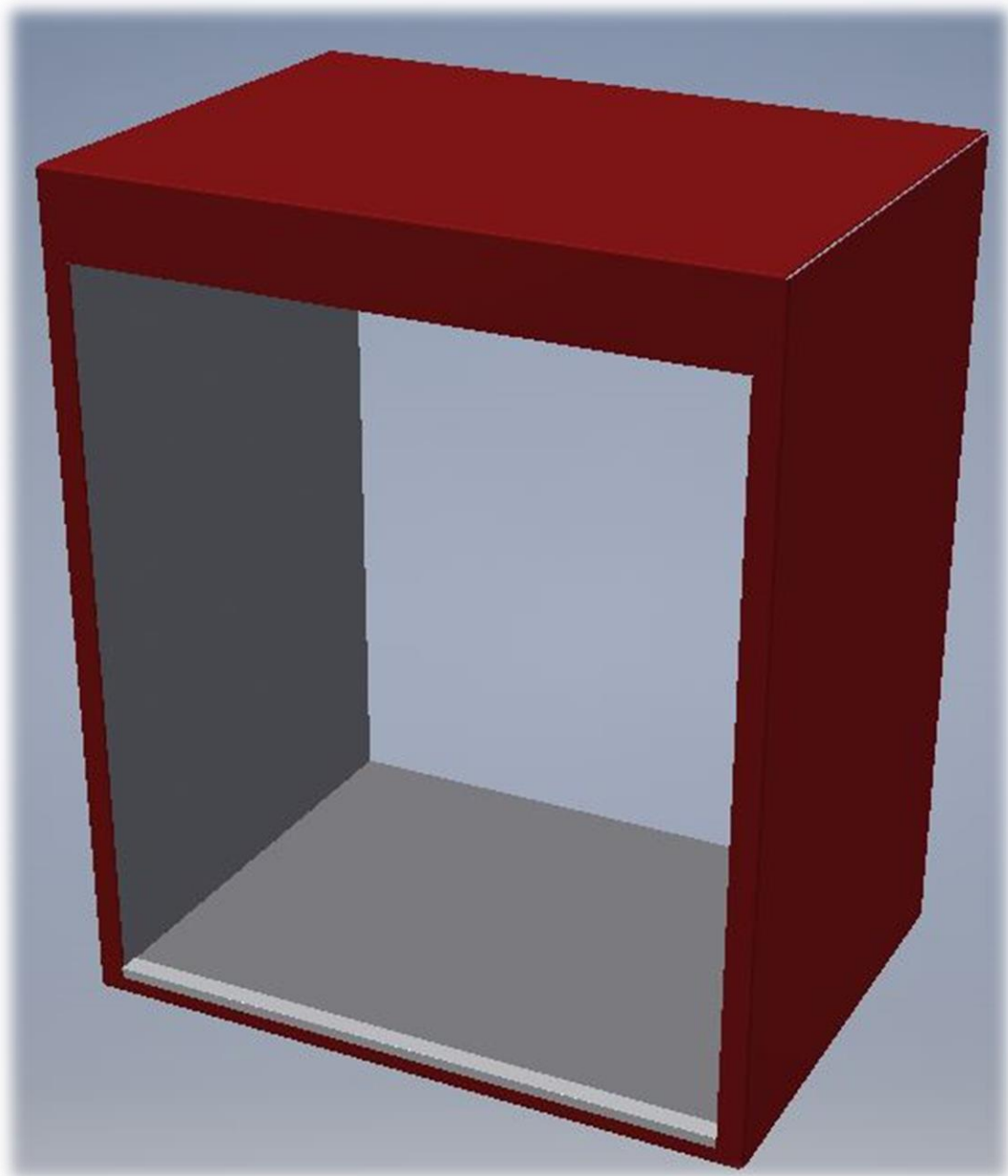
# PART LIST



PART LIST RS 40S		
No	DESCRIPTION	ARTICLE No
16	Micro switch	01108029
17	Runner profile E type	0110107E0
17b	Runner profile E type horizontal	0110107E0
18	Runner seal L7	0110307L73
19	Runner gasket L8	0110308LL83
20	Lock receiver	01102113
21	Closing wedge set	01102103
22	Bolt DIN7981 3.5x13 Zn	DIN7981 3,5X13
23	Slat cap set	01102053
24	Large slat cap set	01102063
25	LED light 24V	01108019 - 60cm 01108029 - 90cm 01108039 - 120cm 01108049 - 150cm
26	Bar cap	01102093
27	Bar	01101080
28	Large slat	01101030
29	Large slat seal L5	0110305L53
31	Inner slat seal	01105011
32	Bar lock set (bolt M5x20 A2, nut M5 A2)	01102033
33	Threshold	01101010
34	Gutter PVC strip	0110306L63
35	Gutter cap E type	0110208E3
36	Gutter profile E type	0110106E0
37	Gutter seal L6	01105021
38	Lock cover	01102123
39	Lock set	01106014
40	Lock bars	01106029
41	Runner segment set	0130207

## **STEP 1**

Mount threshold profile (33) on compartment. You can secure threshold with two component glue or rivets.



Picture 1

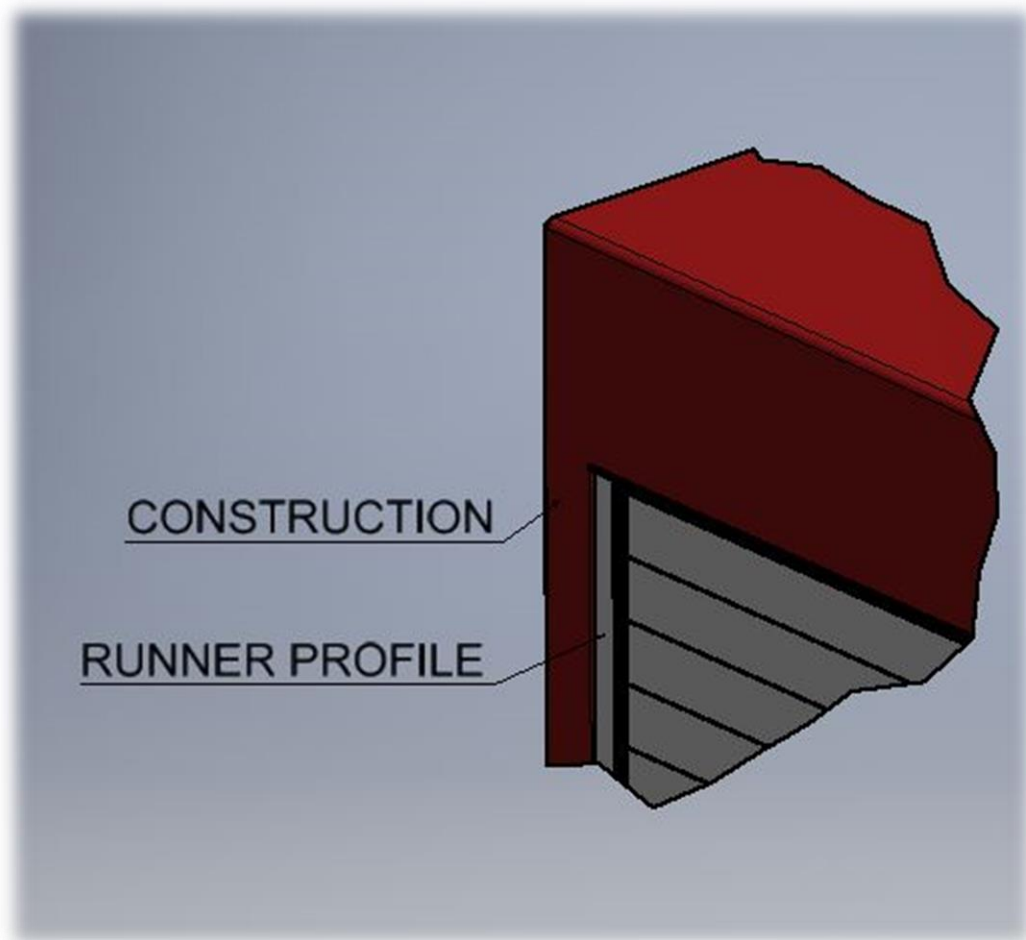
## **STEP 2**

### Mounting runner segment

Place runner profile (17) on its place in compartment and lean runner segment on top of runner profile (picture 3)

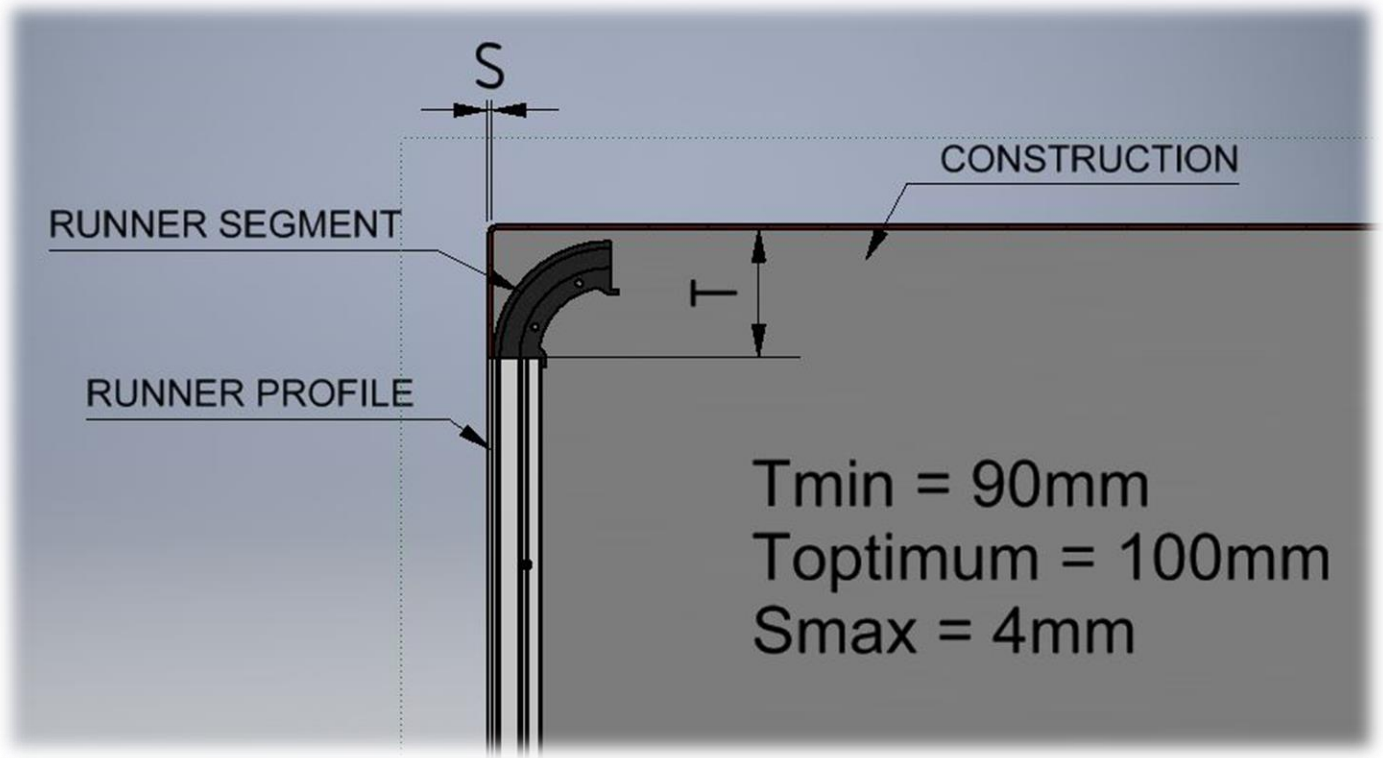
Runner profile and outer surface of compartment must be in same plane (picture 2)

NOTICE: Runner profiles are not yet ready for fixing.



Picture 2

Place runner segment (41) on top edge of runne profile as on picture 3



Picture 3

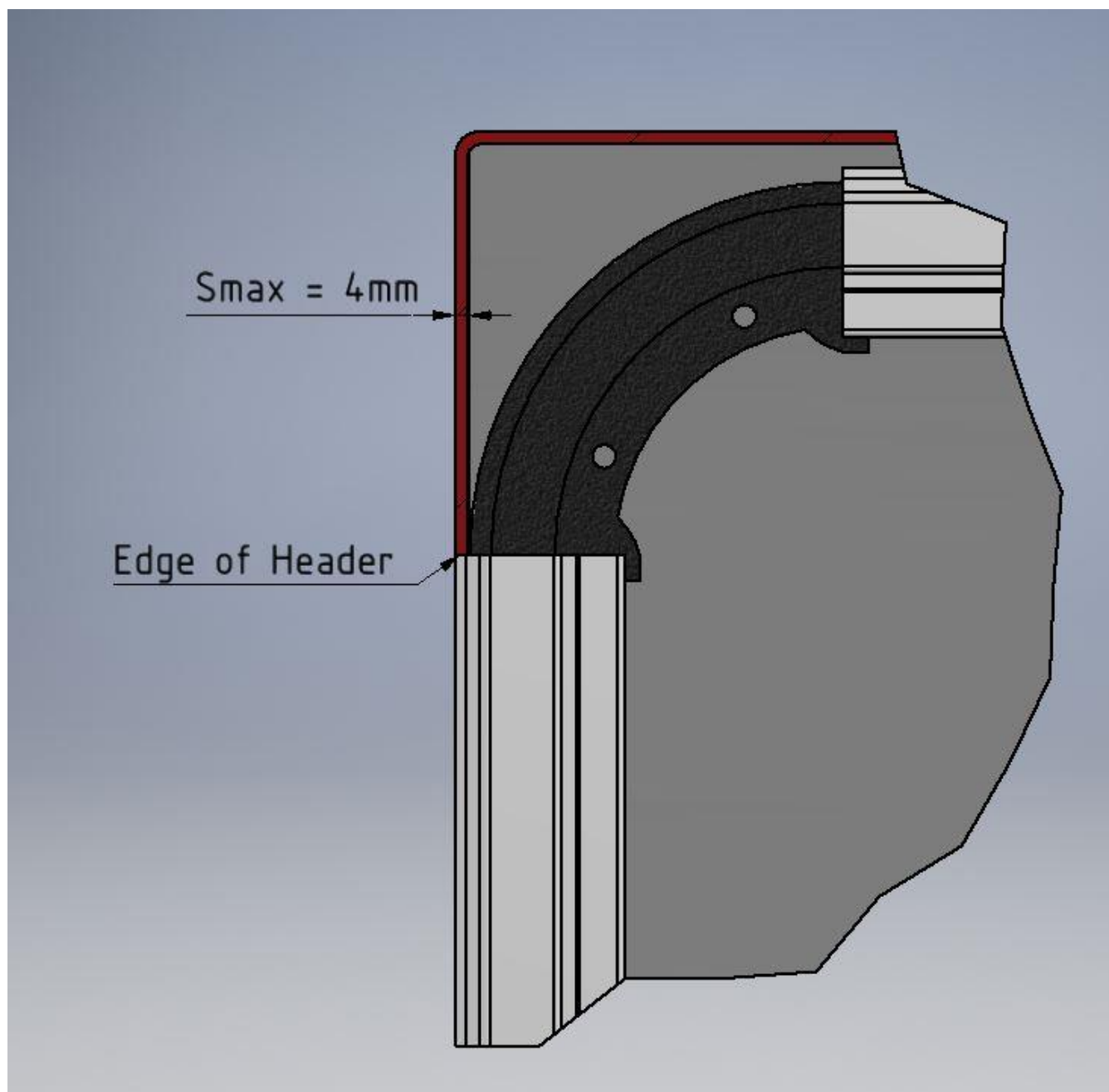
Height of header (T) should be minimum 90 mm while optimum height is 100 mm

On picture 4 and 5 are basic dimensions of construction with recommended values for installation

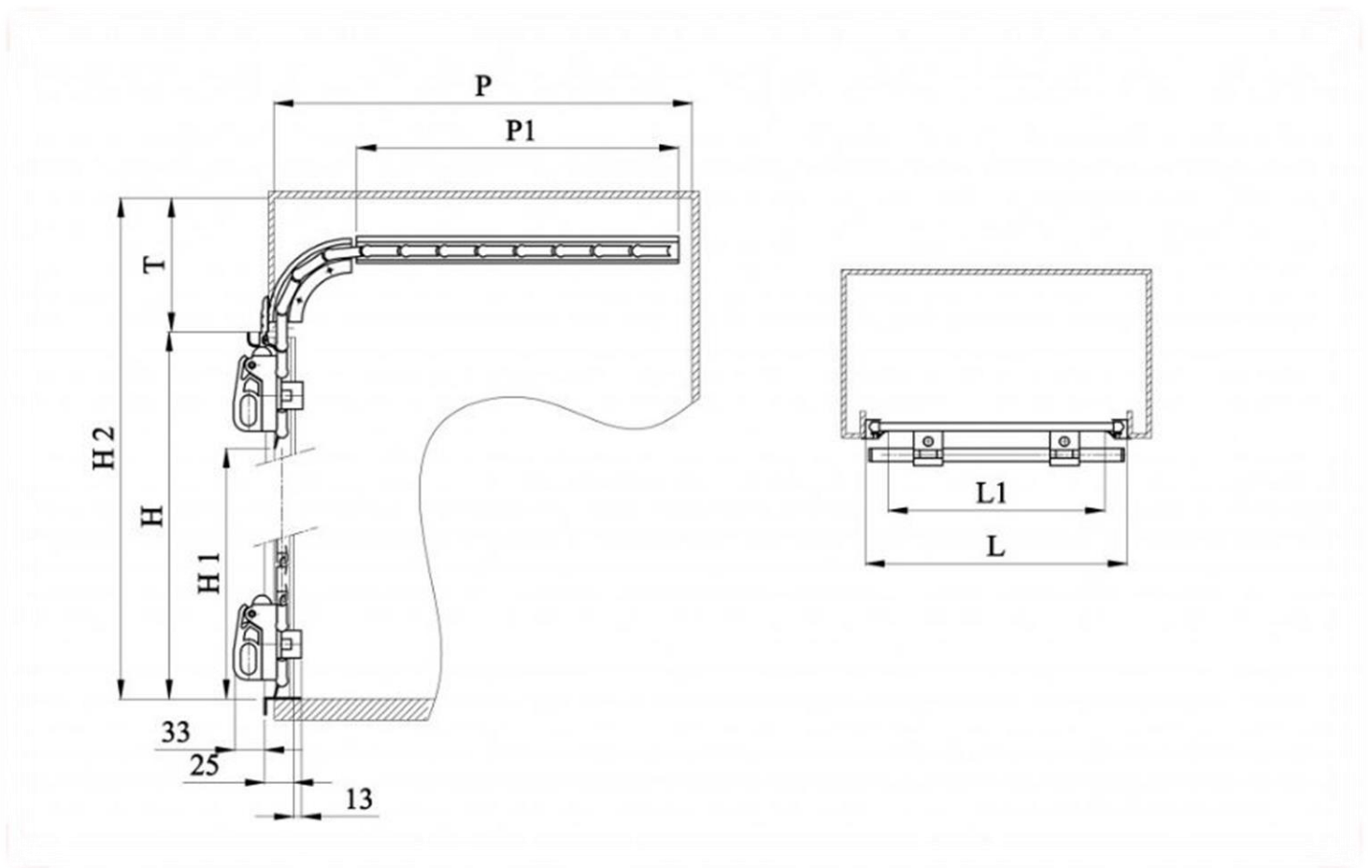
	Description	Imprtant
<b>H2</b>	Interior height	$H2 = H + T$
<b>H</b>	Height	
<b>H1</b>	Opening height	$H1 = H - 120\text{mm}$
<b>T</b>	Header	$T_{\min} = 100\text{mm}$
<b>P</b>	Depth	
<b>L1</b>	Passing widht	$L1 = L - 56\text{mm}$
<b>L</b>	Total widht	
<b>P1</b>	Runner lenght	$P1_{\max} = P - 90\text{mm}$



Thickness of sheet metal constructions  $S_{max}=4\text{mm}$ . Pay attention that lower edge of header must be straight not bended. See picture 4



Picture 4



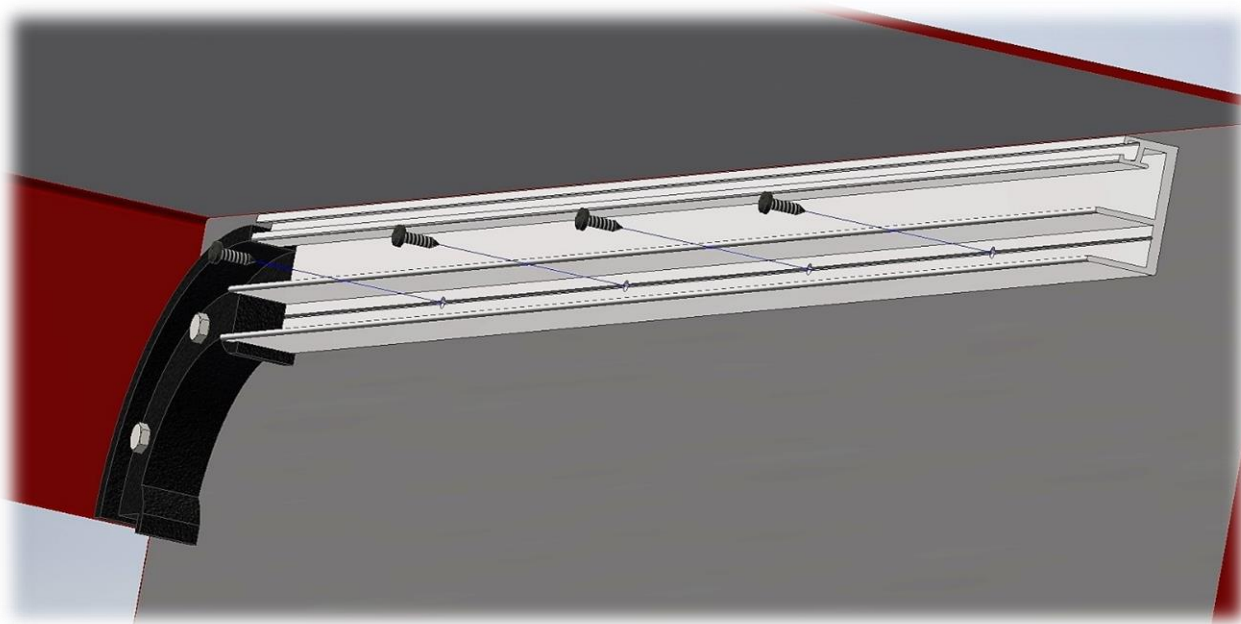
Picture 5

When you determine the proper position of the runner segment, mark the holes for drilling and fix the runner segment for the vehicle compartment using bolts M5x30

Remove temporary placed runner profiles

### **STEP 3**

In the extension of runner segment (41) place the horizontal runner profile (17b) and fix it with bolts (picture 6)



Picture 6

### **STEP 4**

Unroll the shutter and pull in through runner segments (41) and horizontal runners (17b) 20-30 cm of the top (picture 7)

Place the runner profiles (17) over the slats (30), lift them to the top and push them to the construction, bottom of the runner profile must touch the threshold profile (33) (picture 7).



Picture 7

Respectively lift the shutter and screw the runner profiles for the construction using screws (3.9x19 for G type or 3.5x13 for E type). Distance between screws should be roughly 150 mm. (picture 8)

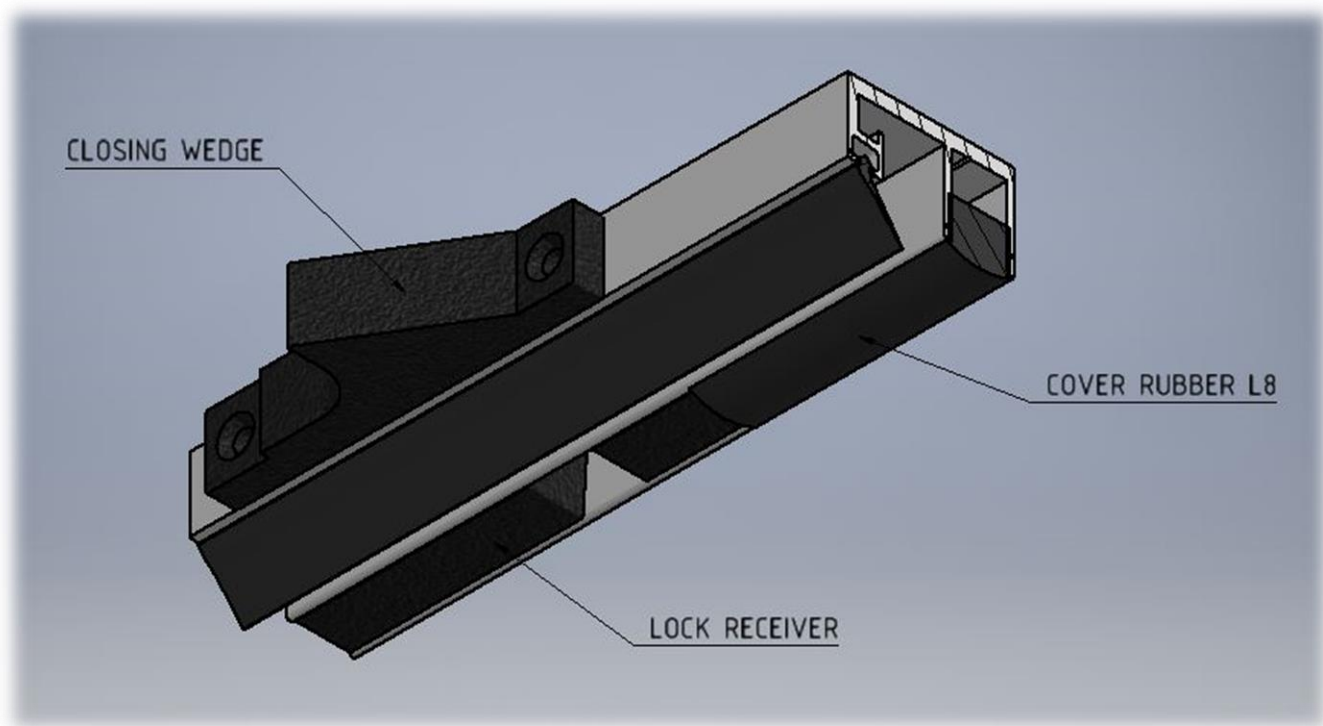


Picture 8 - Fixing E type runner profile

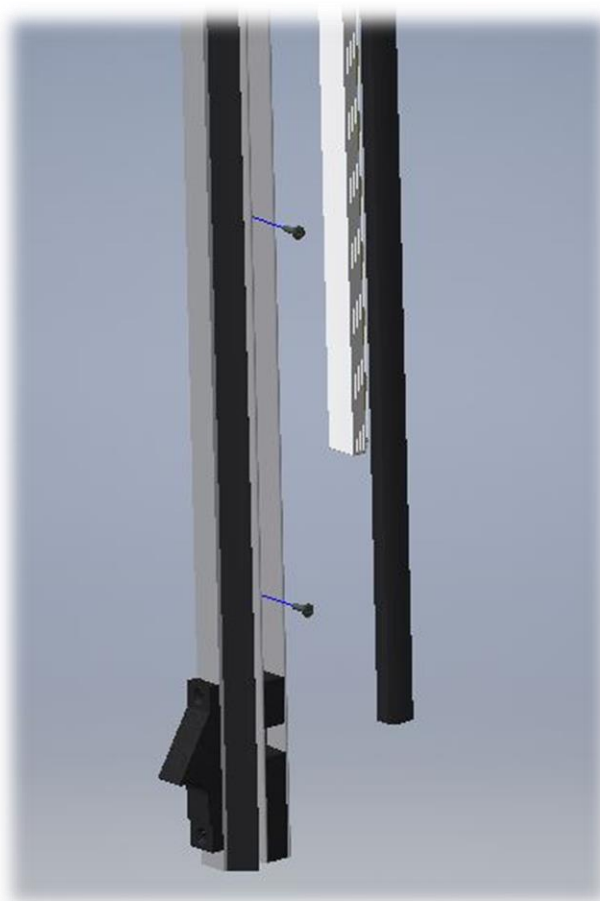
Apply a bit of silicone spray inside the runner profiles (silicone spray is not provided).

E type runner profile has a cover rubber that covers channel for screws and LED light cables (inserting of the rubber is given on pictures 9 and 10).





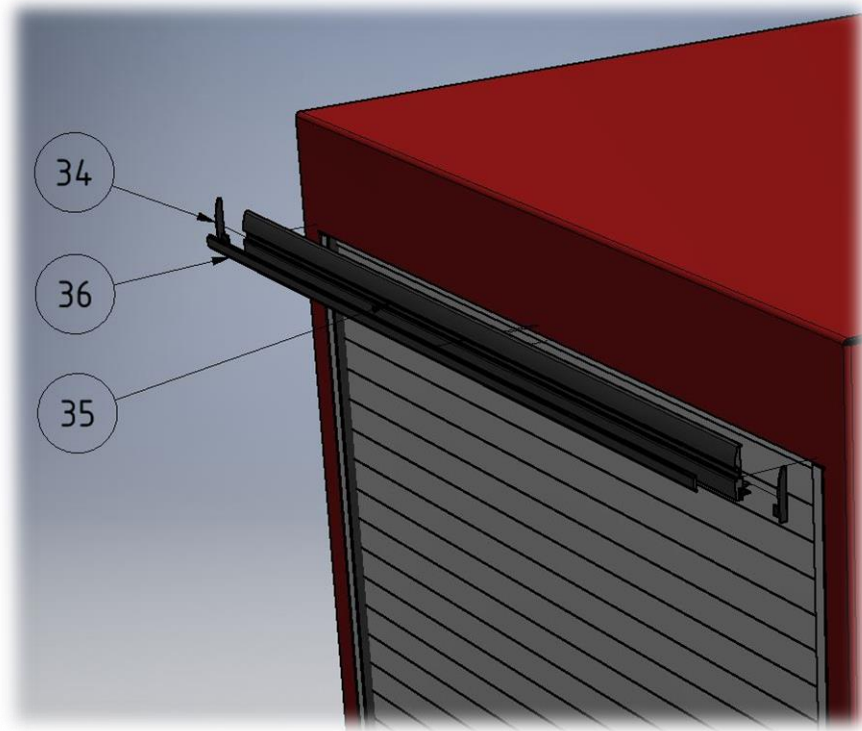
Picture 9



Picture 10

## **STEP 5**

Fix the gutter profile 35 on the top (it's provided along with the gutter seal) so that gutter profile covers runner profiles particularly ( picture 11 ).



Picture 11

Before placing gutter profile (35) take out gutter caps (34) and PVC strip (36). Drill holes in gutter channel.

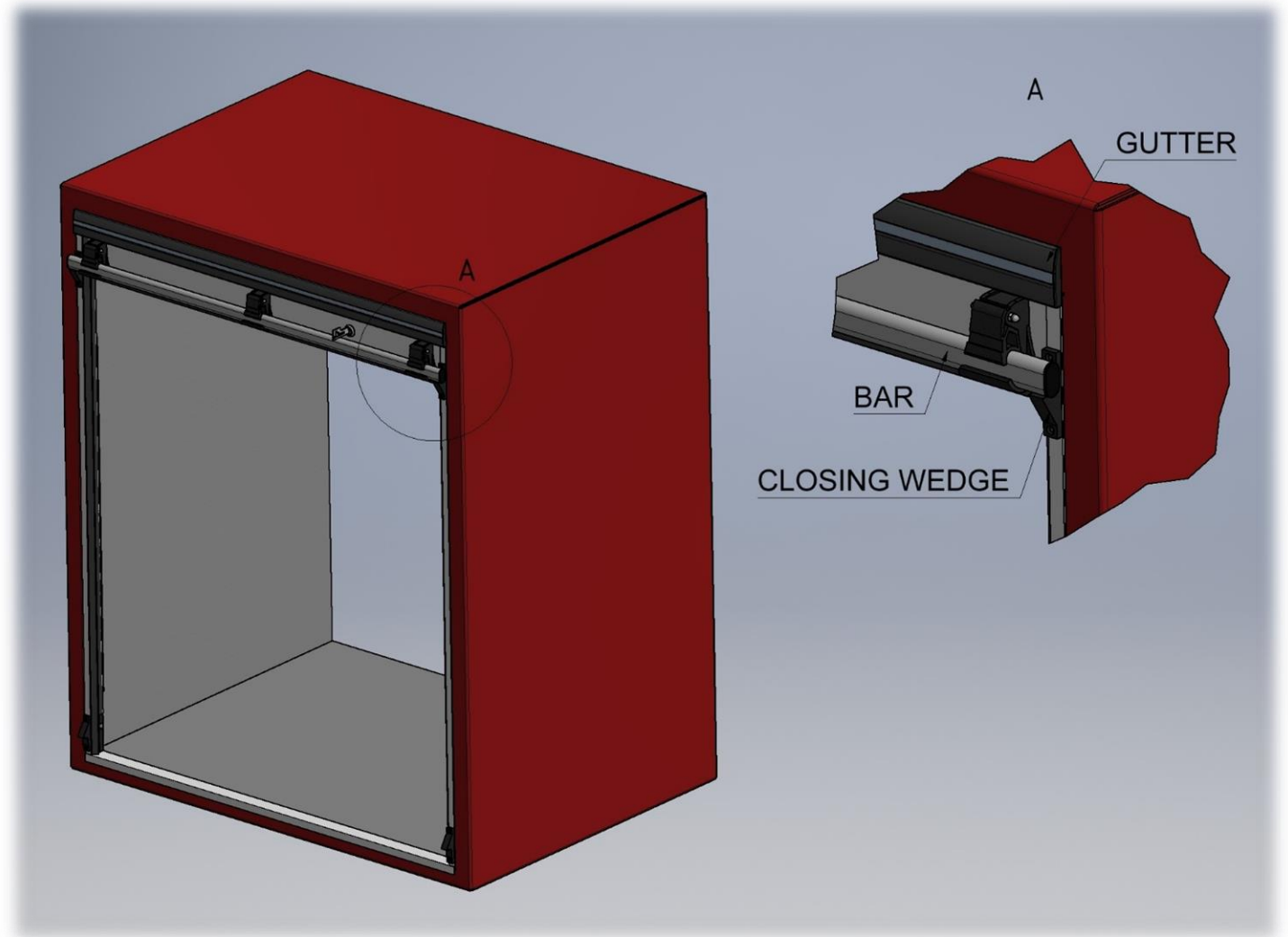
Fix the gutter profile using rivets 4.8x12. Insert the gutter PVC strip (36) in the gutter profile, and push in the gutter caps (34).

## **STEP 6**

Place the upper closing wedges (21) on desired height (picture 12)

Upper wedges place opposite of lower wedges.

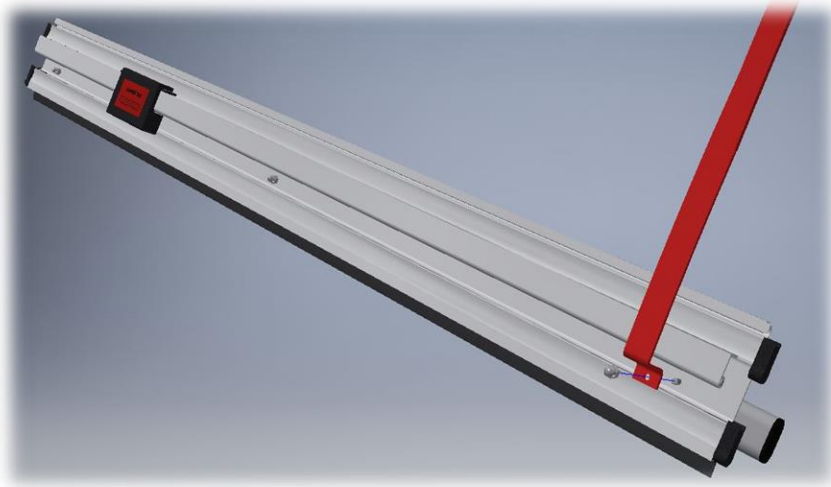
Pay attention that when roller shutter is in upper position doesn't hit gutter profile.



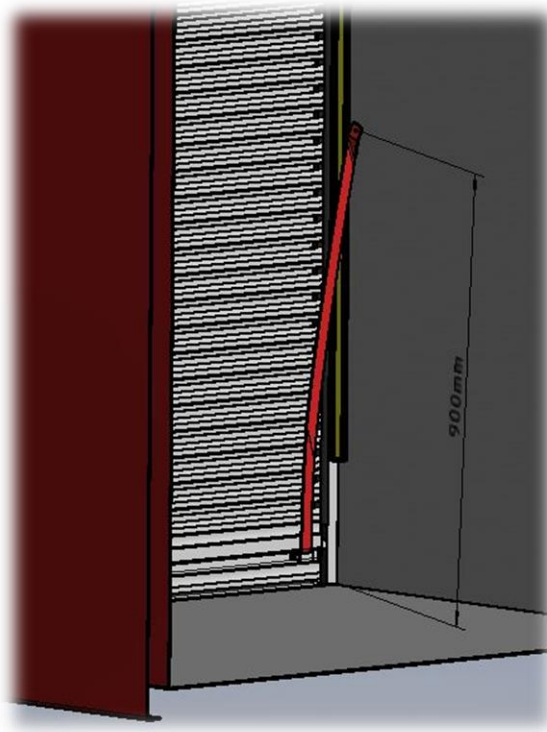
Picture 12

## **STEP 7**

Fix one side of the pull strap (40) to the inside of large slat (28) (for the bar lock screw 31) and the other side for the construction (using rivets) approximately 900 mm from the bottom (see pictures 13 and 14).



Picture 13



Picture 14

## **OPTIONS**

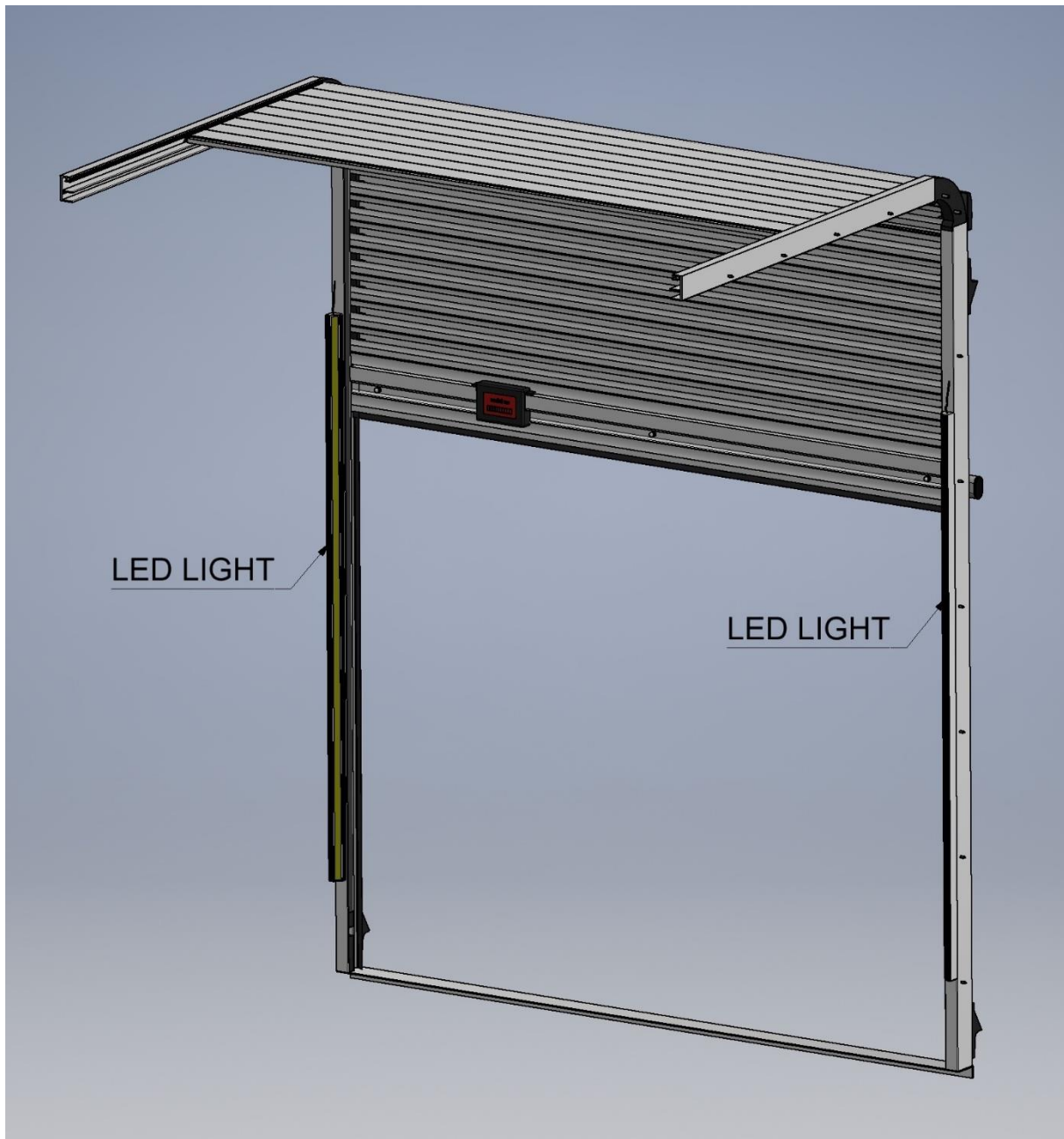
LED LIGHT – available at extra cost

LED lights (sticks) comes in water resistant aluminum casing and in four lengths (60,90,120 or 150 cm) 24V.

LED light fixing is possible sideways (along the runner profiles).

Micro switch switches ON/OFF the LED lights.

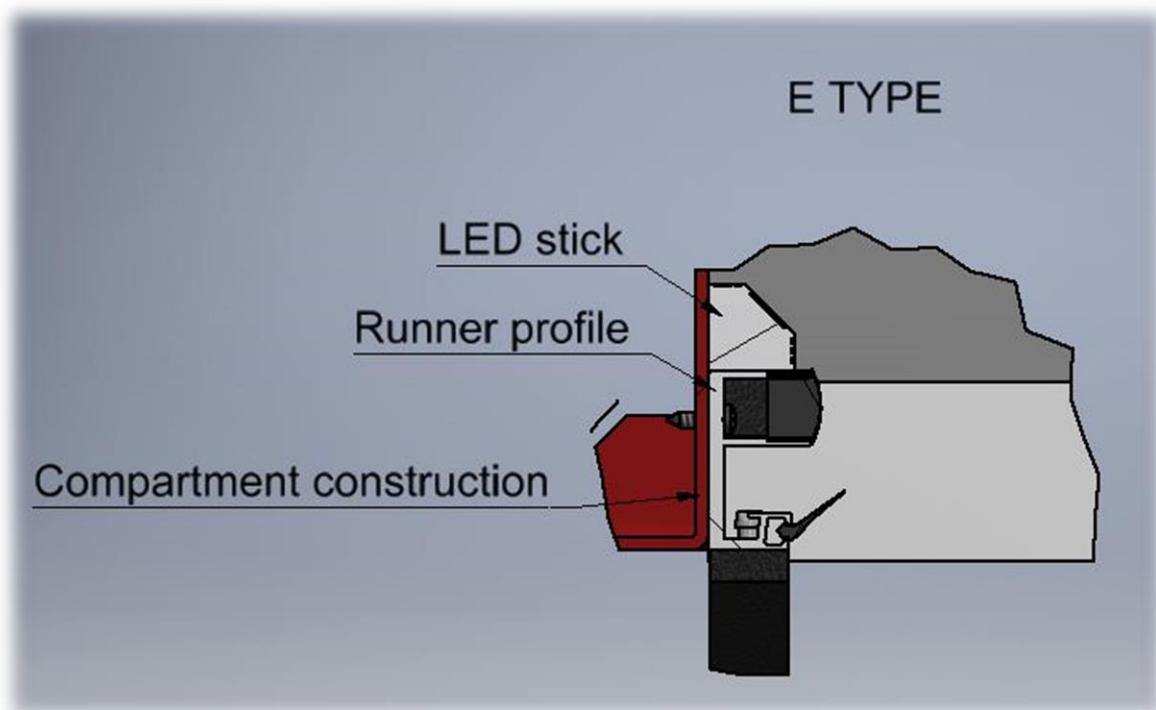
Details are on the picture 15 and 16



Picture 15



LED lights are to be fixed to the inner side of the runner profile



Picture 16

Place micro switch on desired place in the compartment

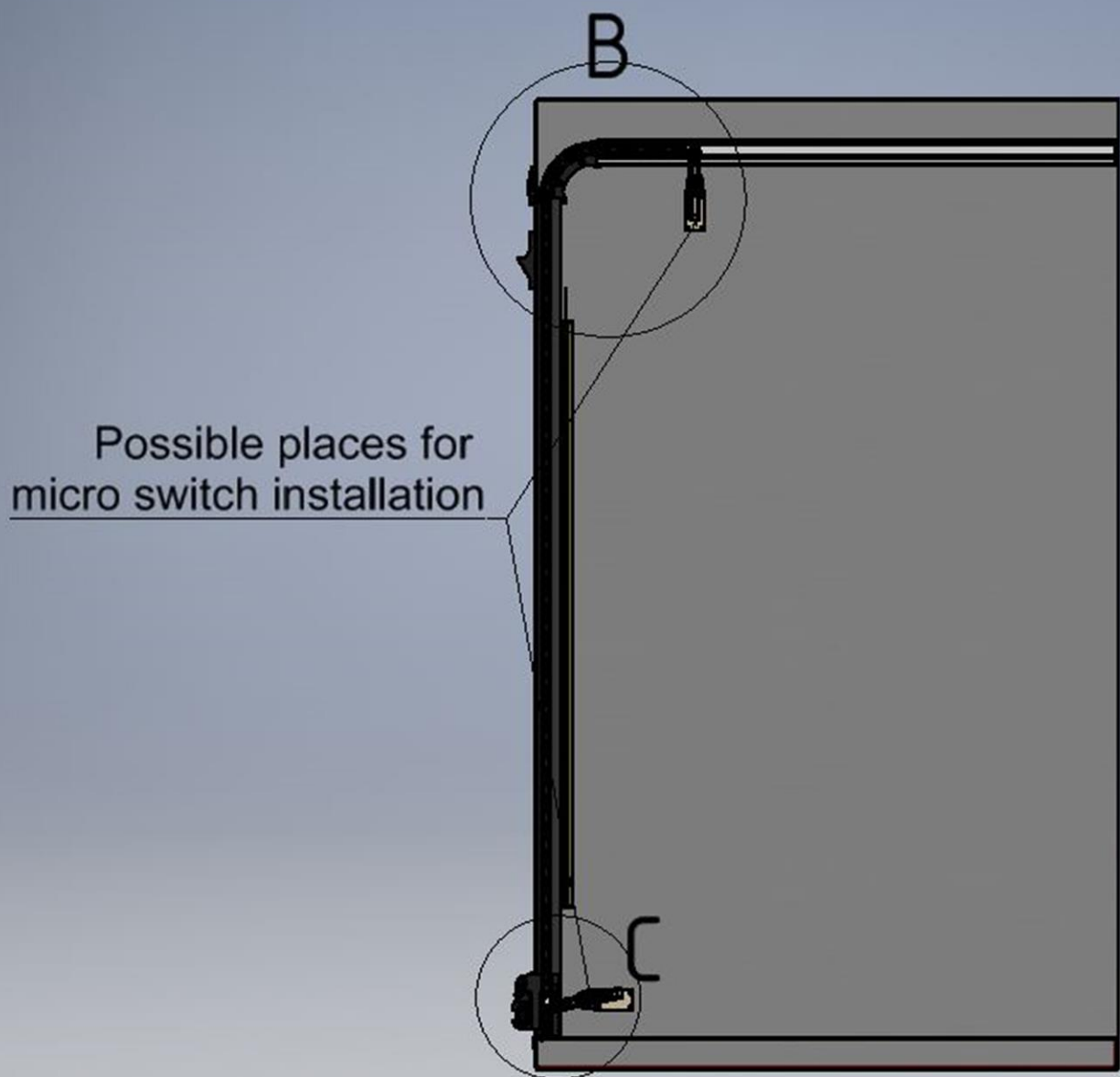
Depending on what opening height you want LED lights to be activated you can regulate "micro switch head" angular-longitudinal adjustment .

On picture 17 are possible places for installment of micro switch.

On pictures 18 and 19 are enlarged details of correctly installed micro switches

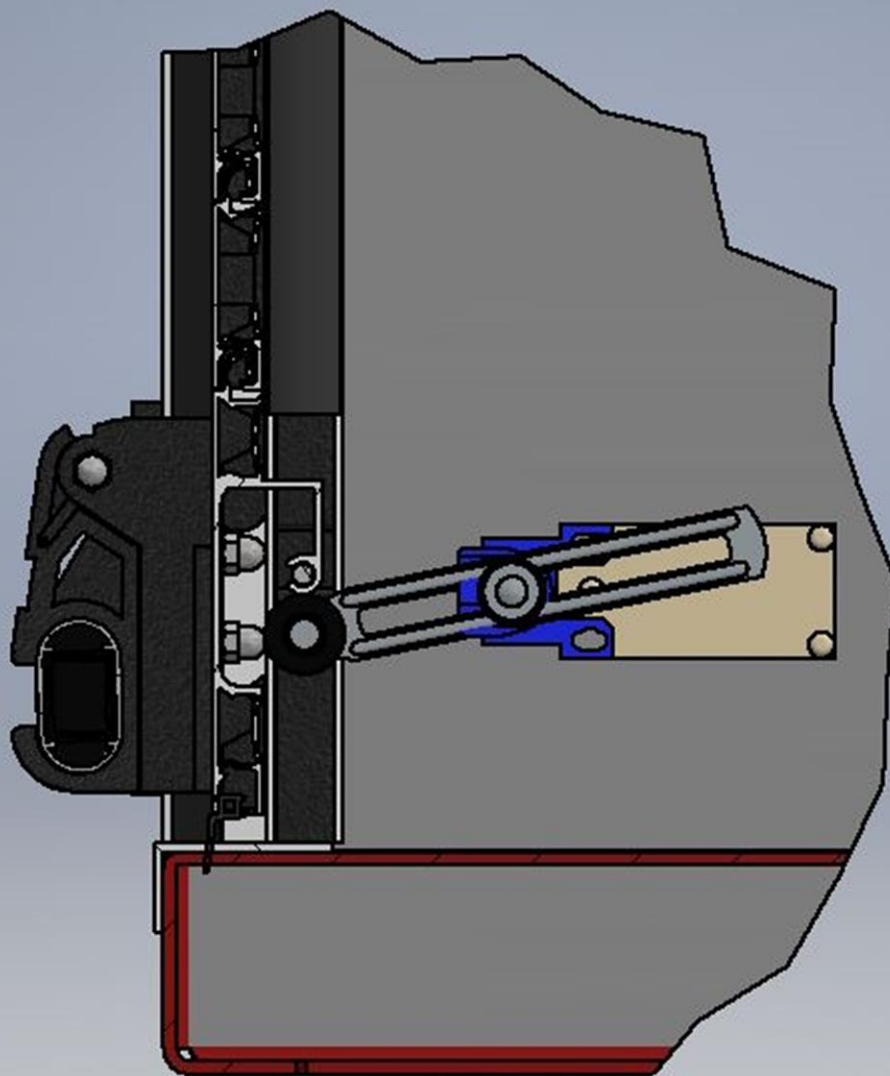
#### ATTENTION

You only need one micro switch per compartment. You should place micro switch either on bottom or on the top of compartment.



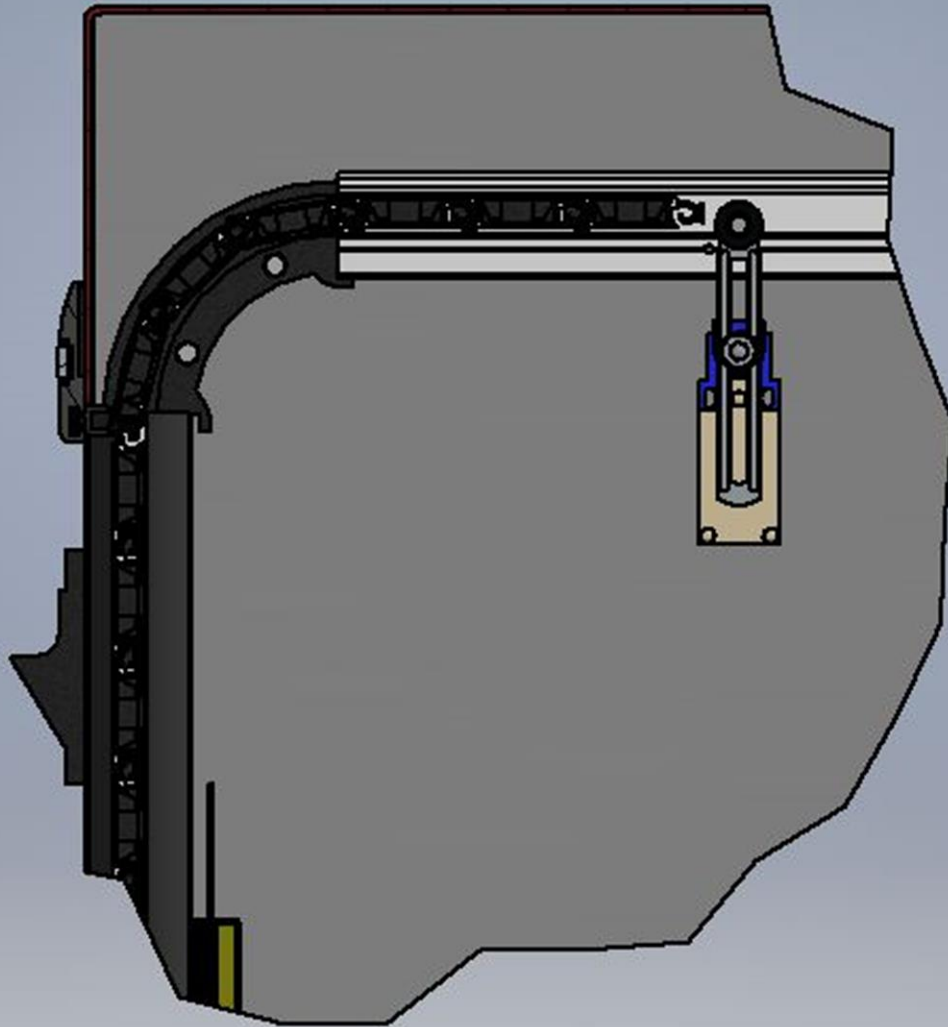
Picture 17

# DETAIL C



Picture 18 bottom placement

## DETAIL B



Picture 19 Top placement