

RS 40H

MOUNTING INSTRUCTIONS



RS ROLLCOM

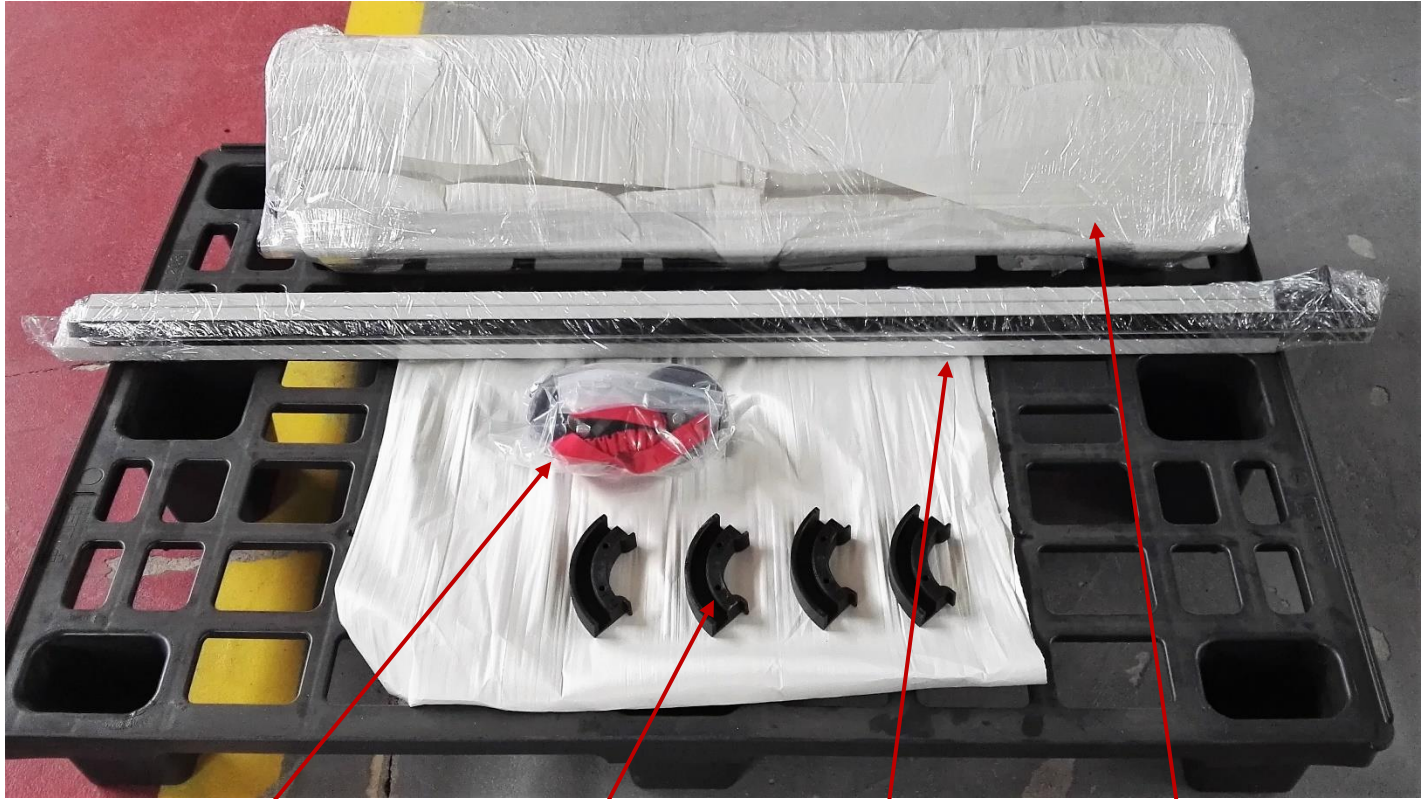
RS 40H

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



Unpack carefully!

Each package consists of following elements



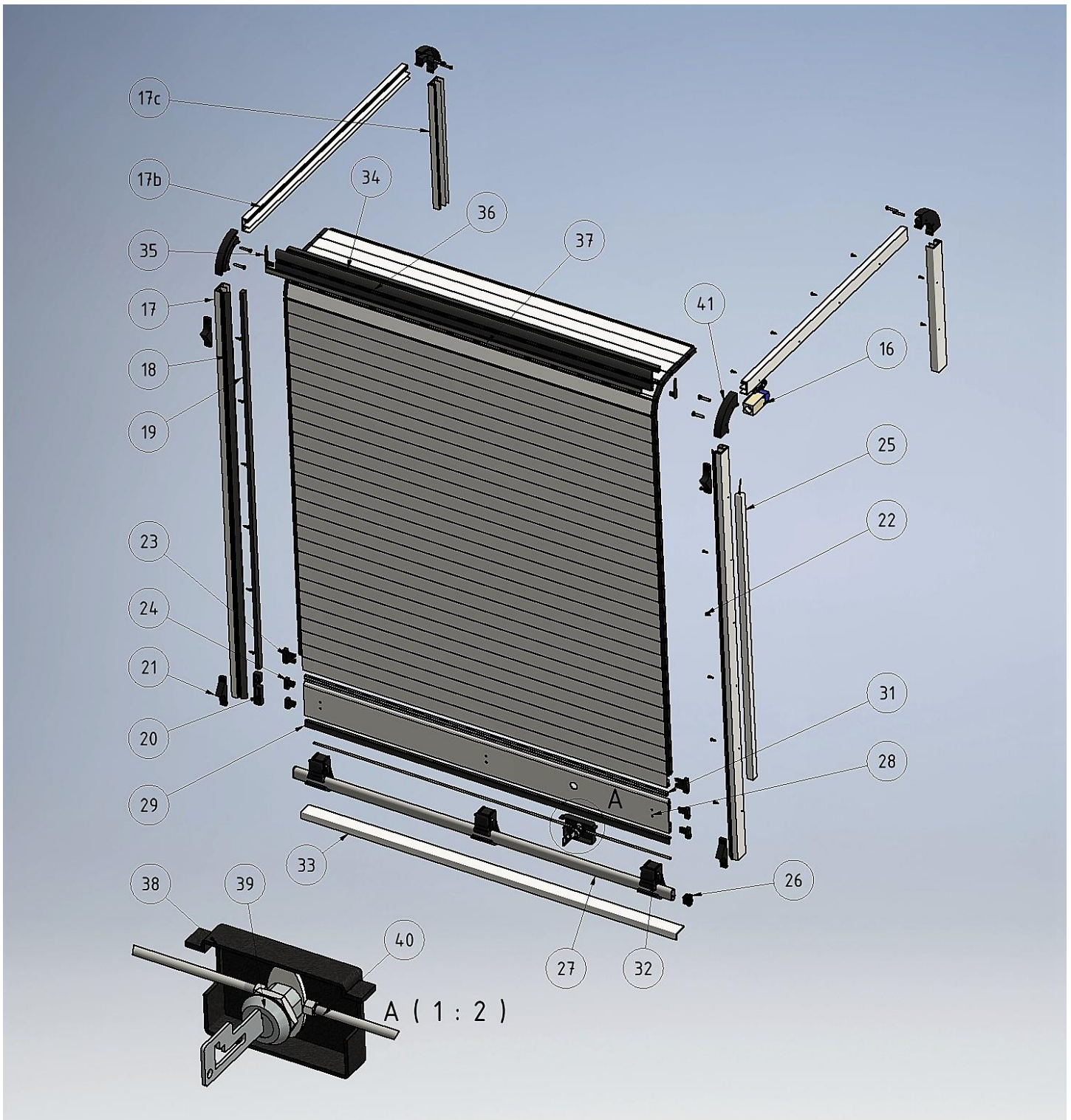
Pull strap, set of
bolts nuts and
rivets for assembly

Runner segments

Runner profiles
Threshold profile
Gutter profile

Roller shutter

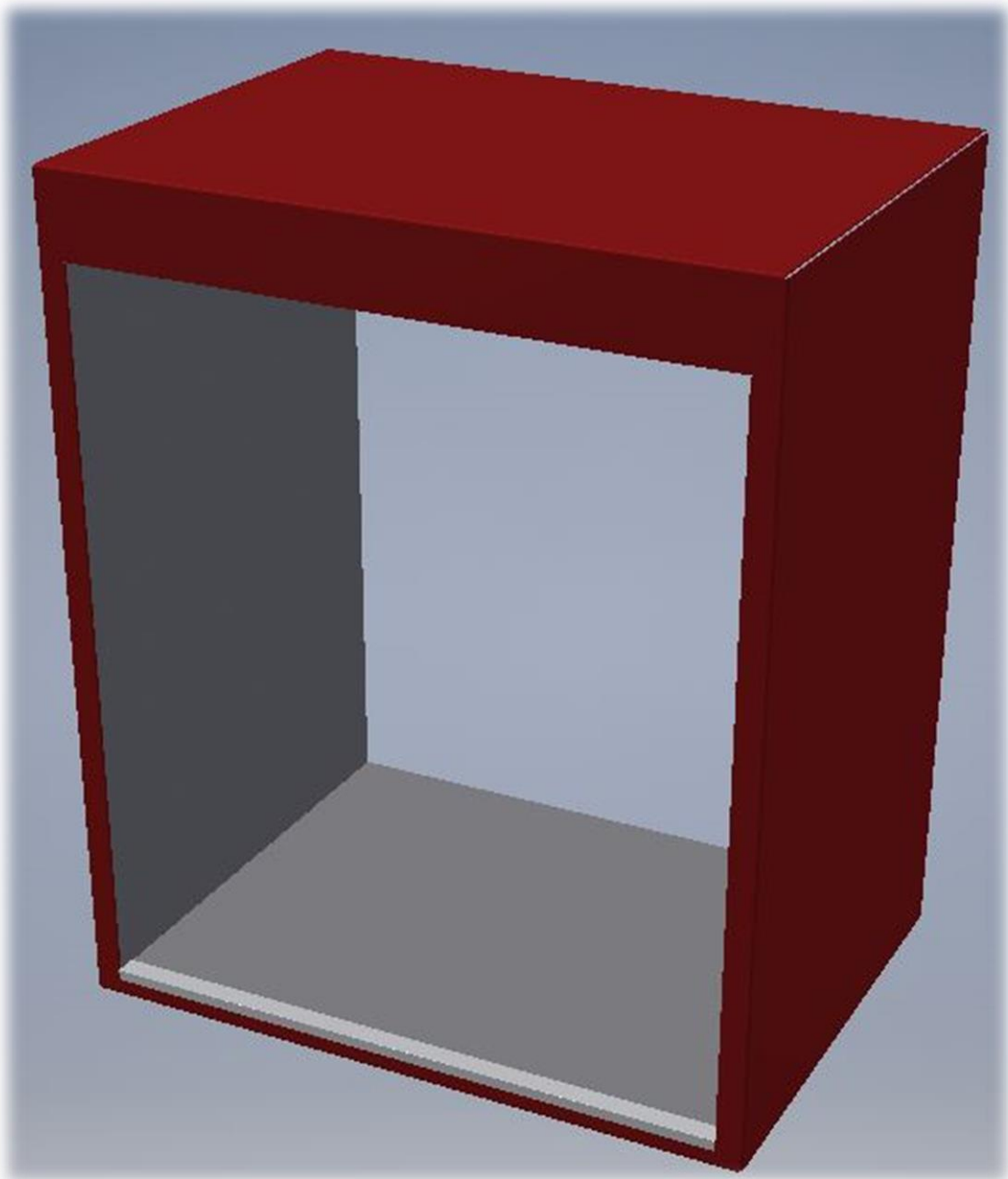
PART LIST



PART LIST RS 40H		
No	DESCRIPTION	ARTICLE No
16	Micro switch	01108029
17	Runner profile E type	0110107E0
17b	Runner profile E type horizontal	0110107E0
17c	Runner profile E type	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

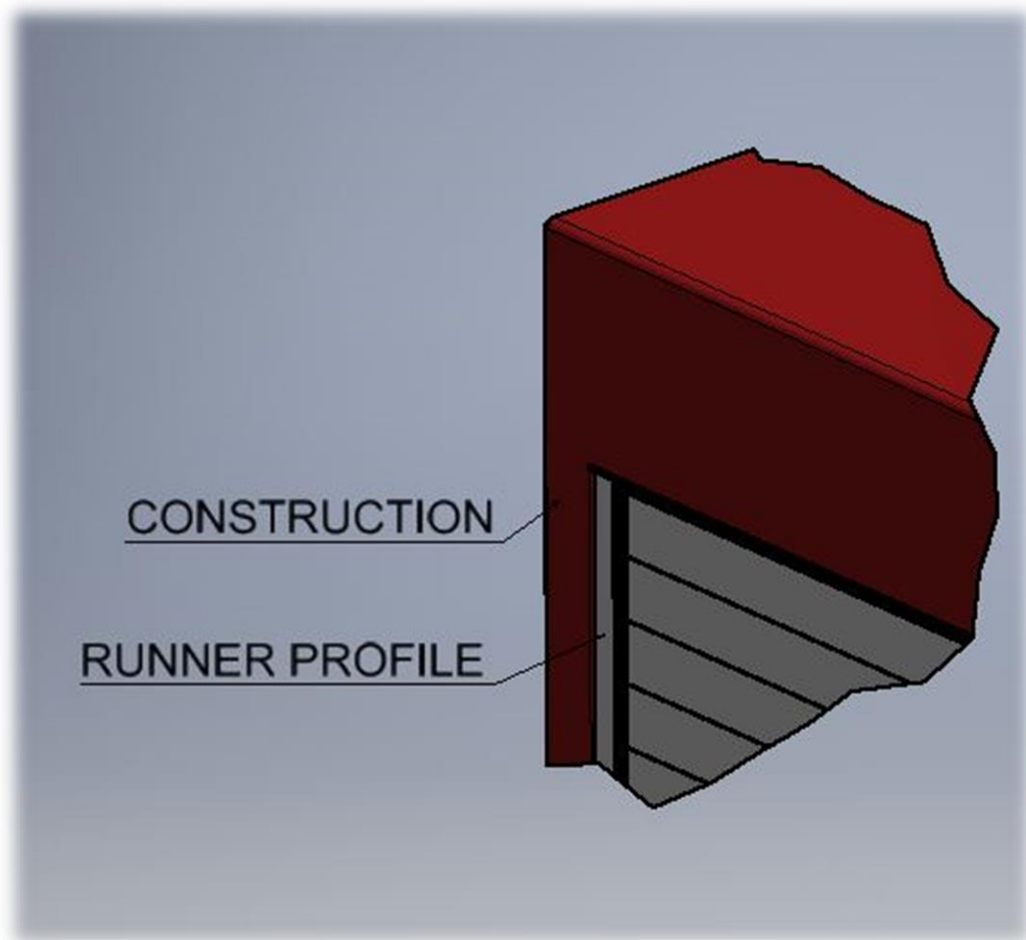
STEP 2

Montaža segmenata vođice

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

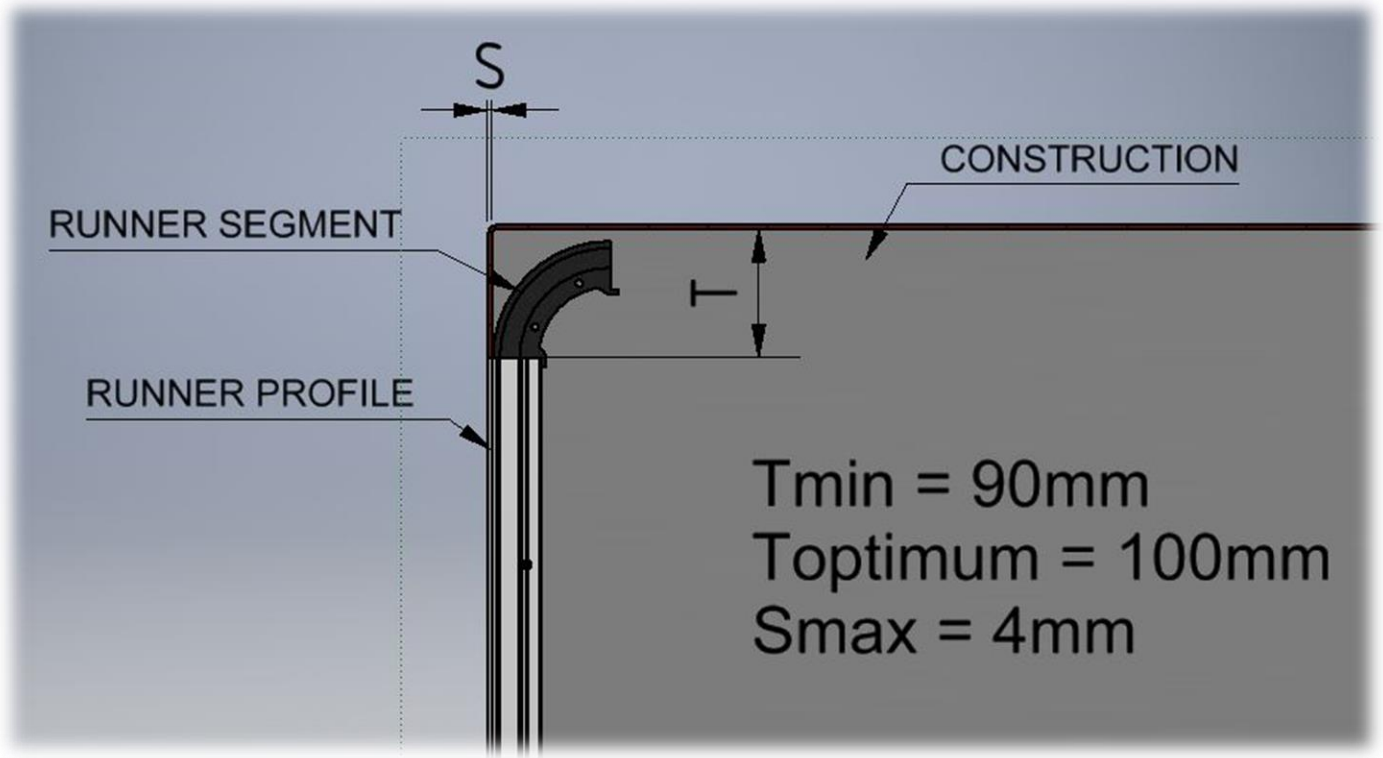
Runner profile and outer surface of compartment must be in same plane (picture 2)

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



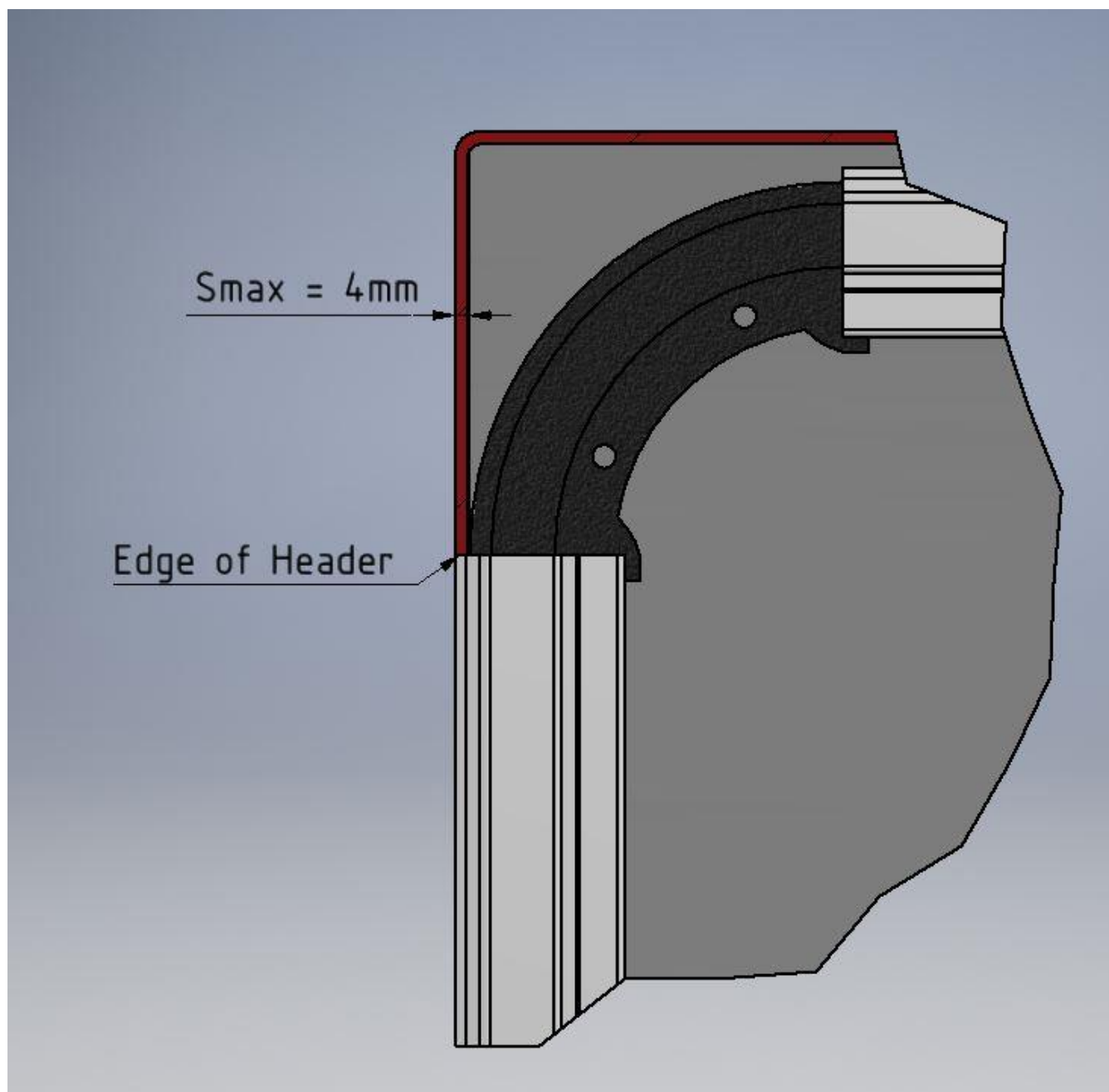
Picture 3

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

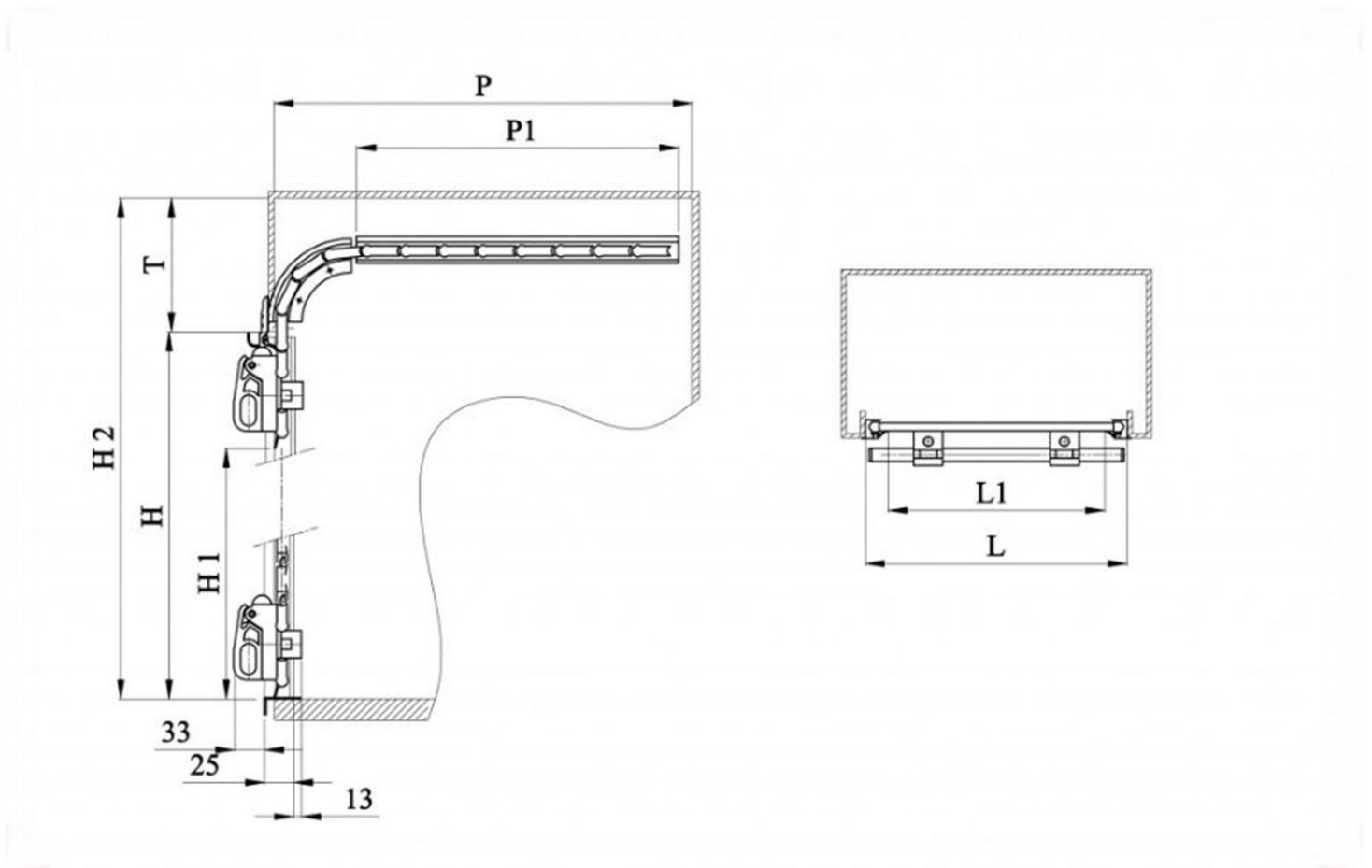
On picture 4 and 5 are basic dimensions of construction with recommended values for installation

	Description	Imprtant
H2	Interior height	$H2 = H + T$
H	Height	
H1	Opening height	$H1 = H - 120\text{mm}$
T	Header	$T_{min} = 100\text{mm}$
P	Depth	
L1	Passing widht	$L1 = L - 56\text{mm}$
L	Total widht	
P1	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



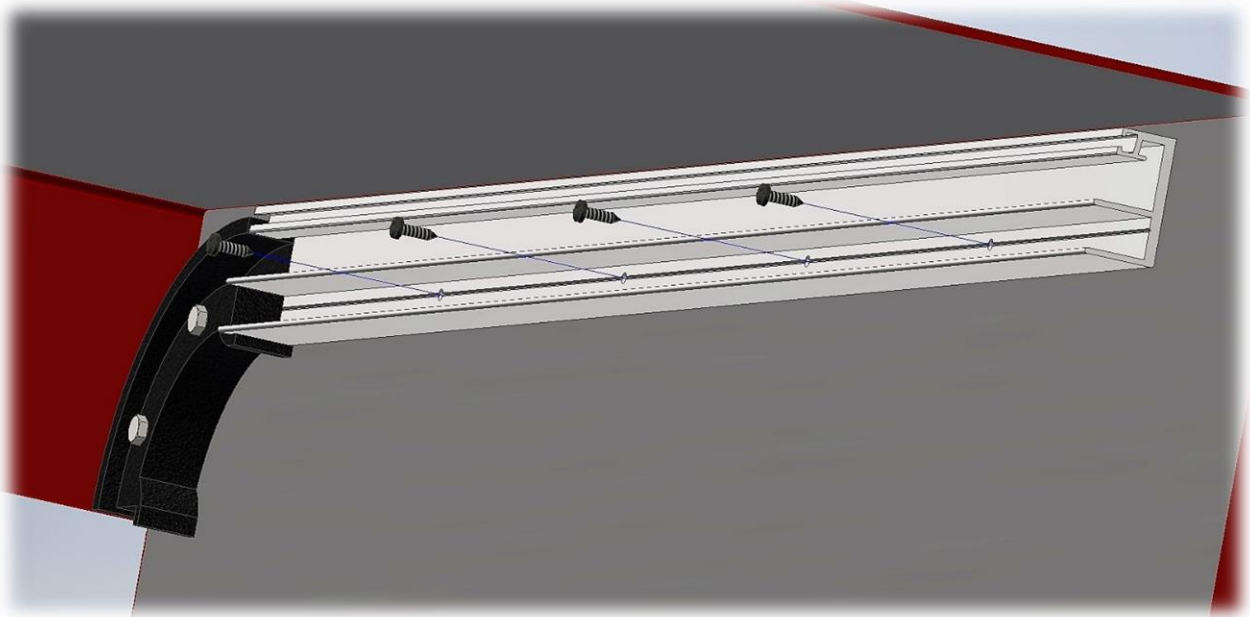
Picture 5

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

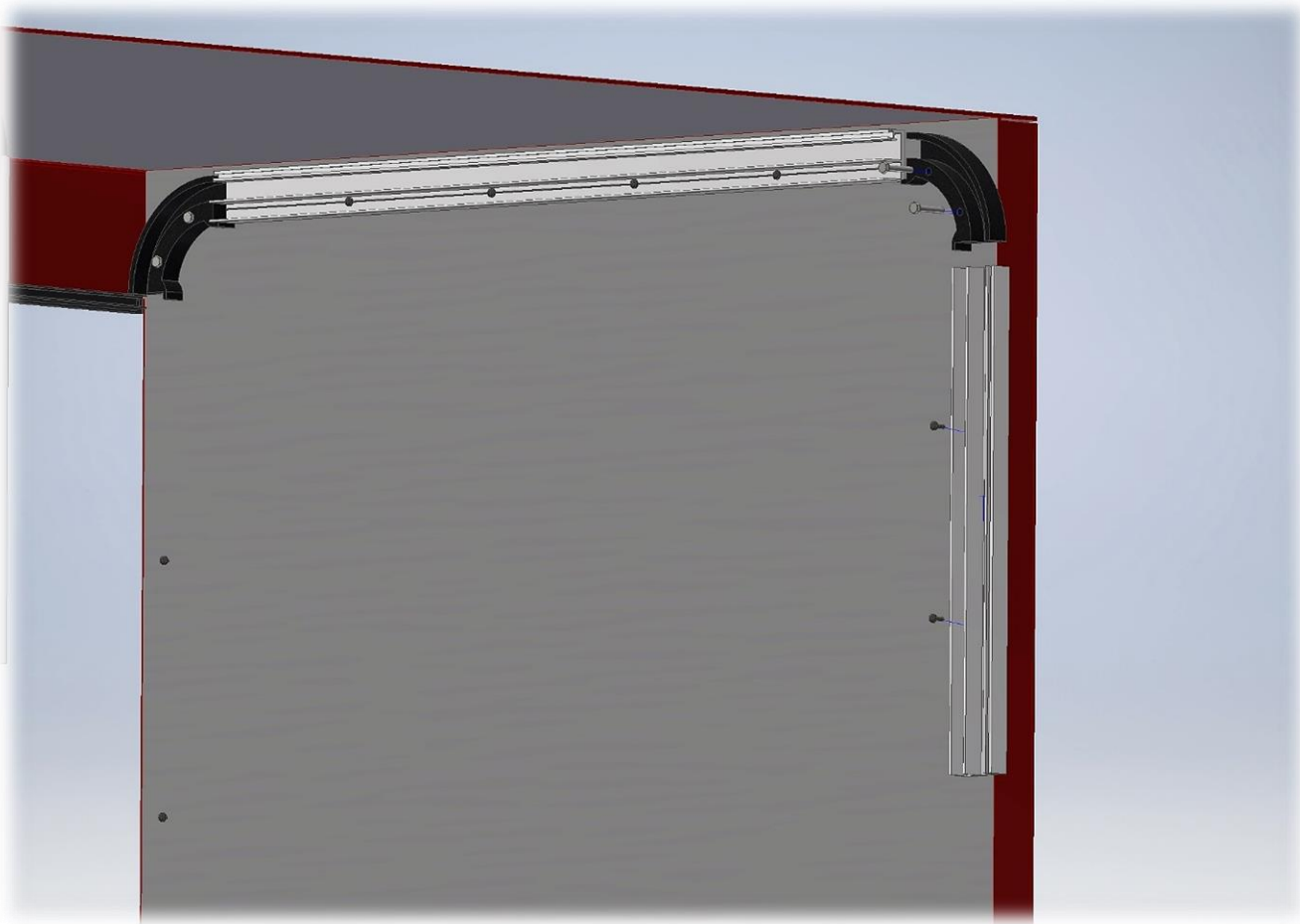
In the extension of runner segment (41) place the horizontal runner profile (17b) and fix it with bolts (picture 6)



Picture 6

STEP 4

In the extension of horizontal runner profile (17b) place second runner segment (41) and fix it with bolts (picture 7)



Picture 7

STEP 5

Unroll the shutter and pull in through runner segments (41) and horizontal runners (17b) 20-30 cm of the top (picture 8)

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 8).



Picture 8

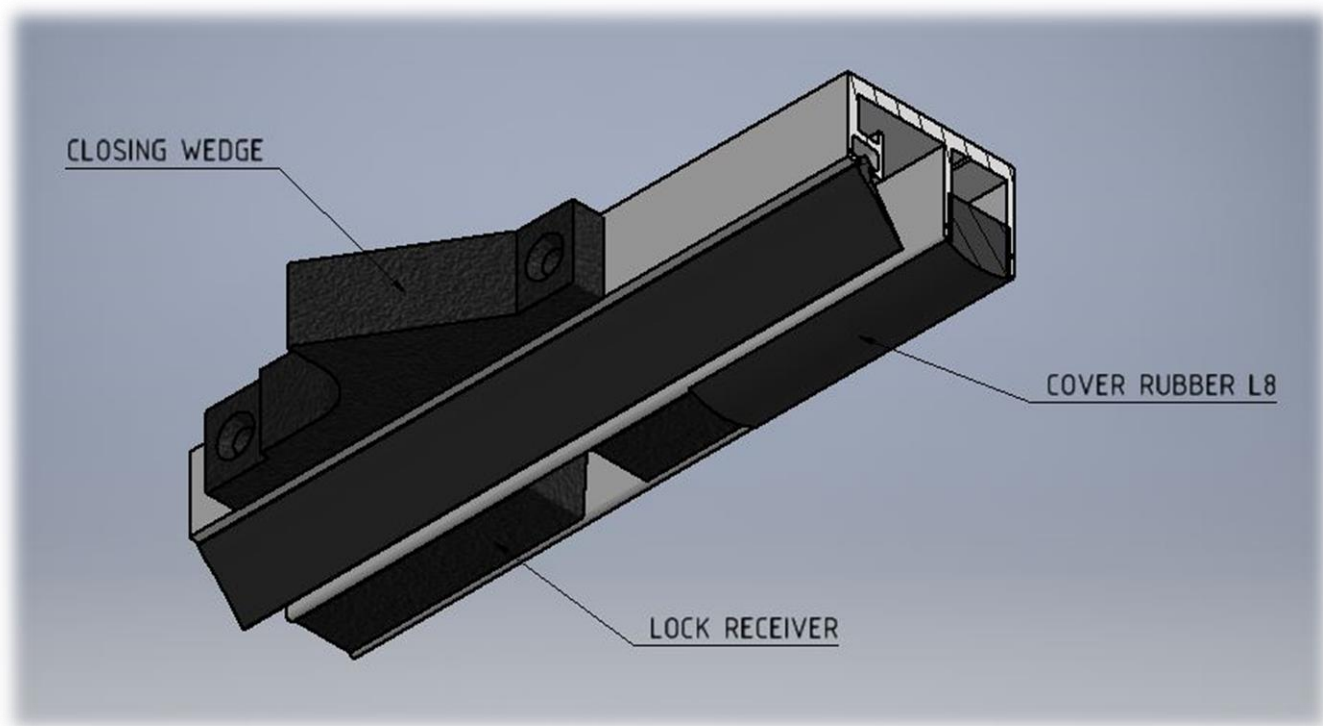
Respectively lift the shutter and screw the runner profiles for the construction using screws (3.9x19 for G type or 3.5x13 for E type). Distance between screws should be roughly 150 mm. (picture 9)



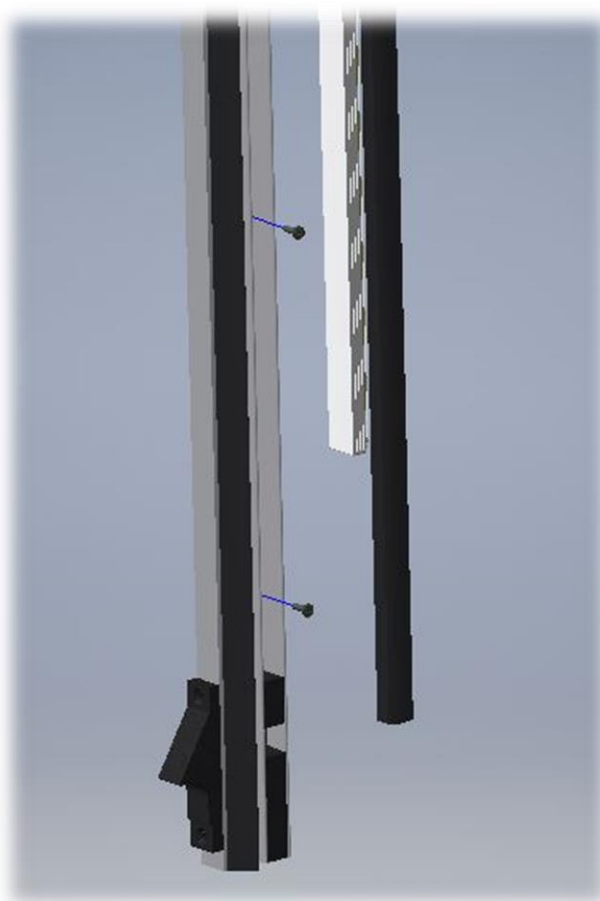
Picture 9 - Fixing E type runner profile

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 10 and 11).



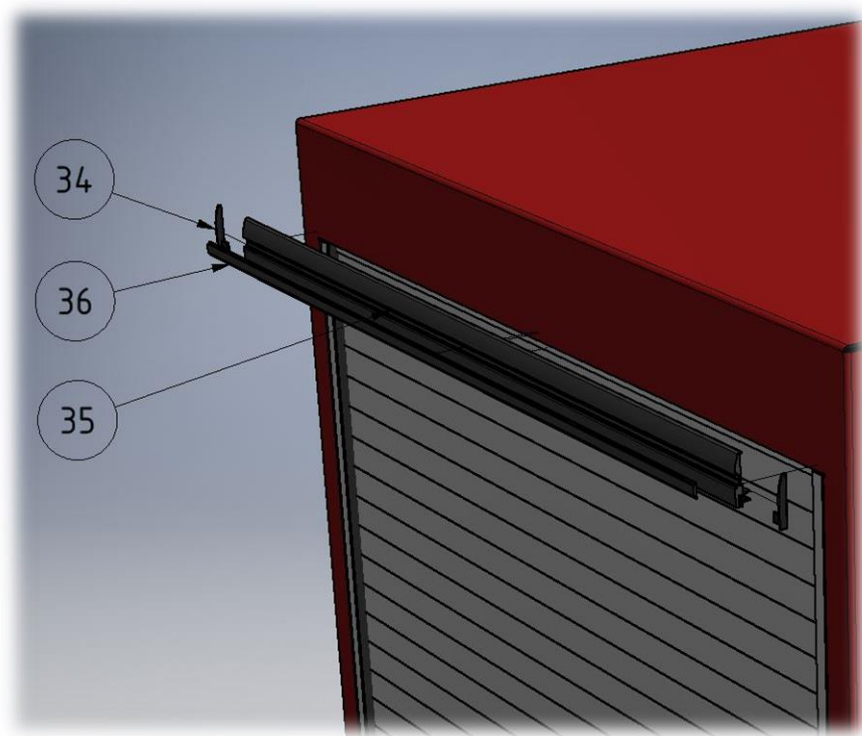
Picture 10



Picture 11

STEP 6

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 12).



Picture 12

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

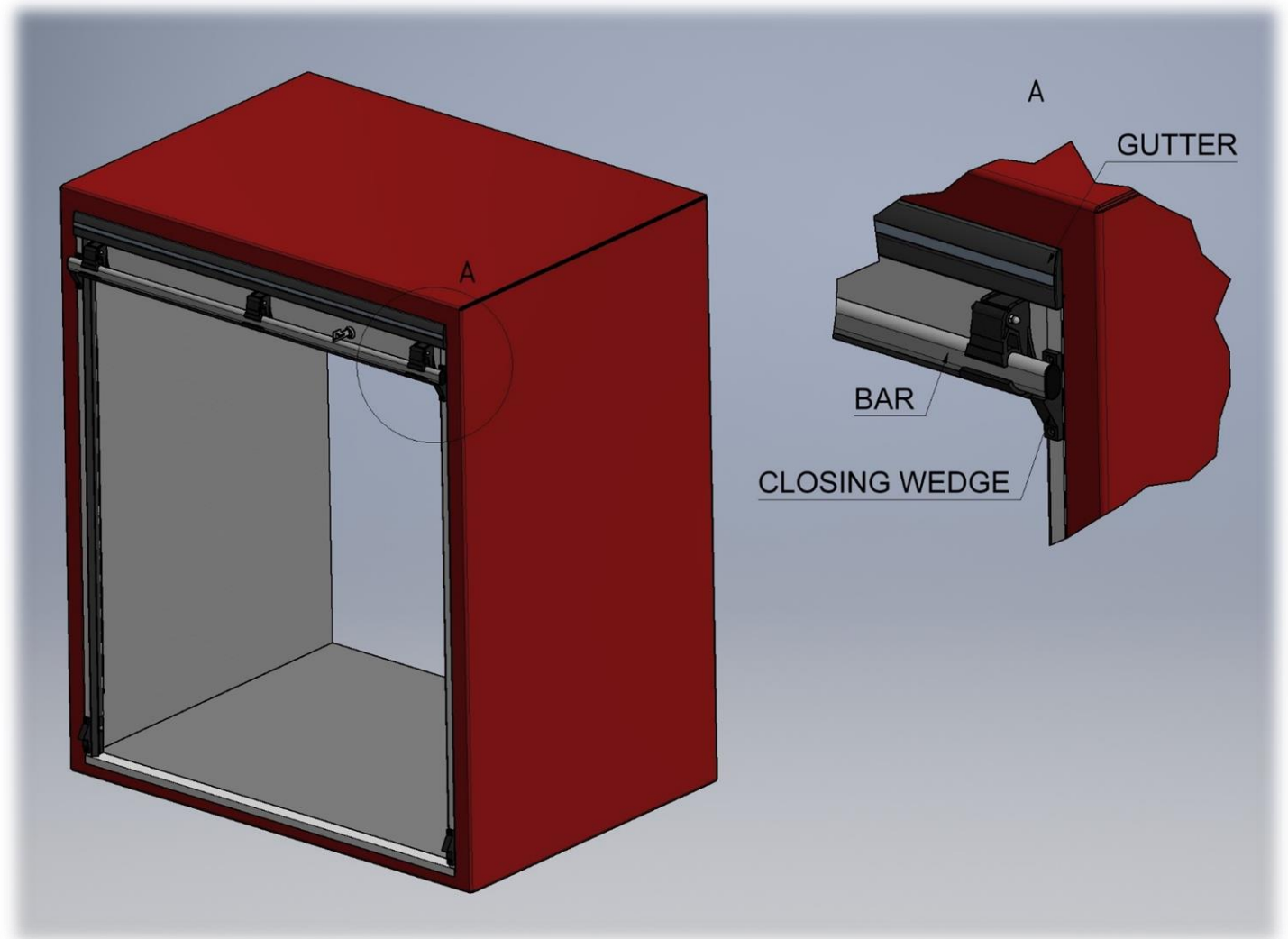
Fix the gutter profile using rivets 4.8x12. Insert the gutter PVC strip (36) in the gutter profile, and push in the gutter caps (34).

STEP 7

Place the upper closing wedges (21) on desired height (picture 13)

Upper wedges place oposite of lower wedges.

Pay attention that when roller shutter is in upper position doesnt hit gutter profile.



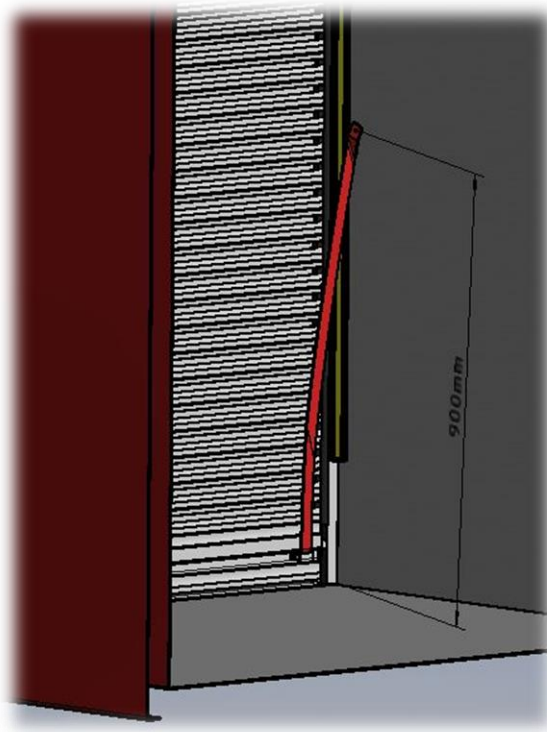
Picture 13

STEP 8

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 14 and 15).



Picture 14



Picture 15

OPTIONS

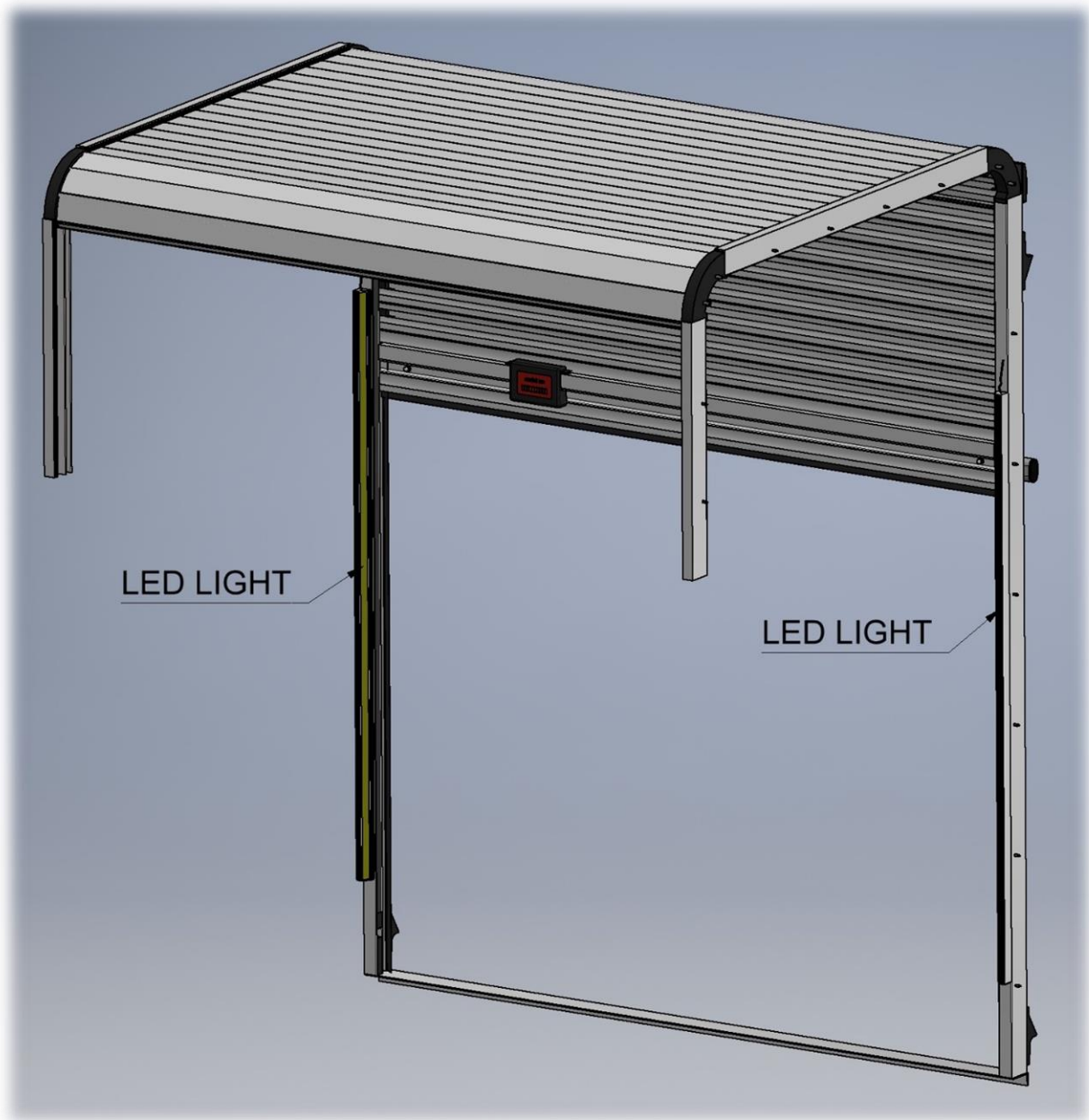
LED LIGHT – available at extra cost

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).

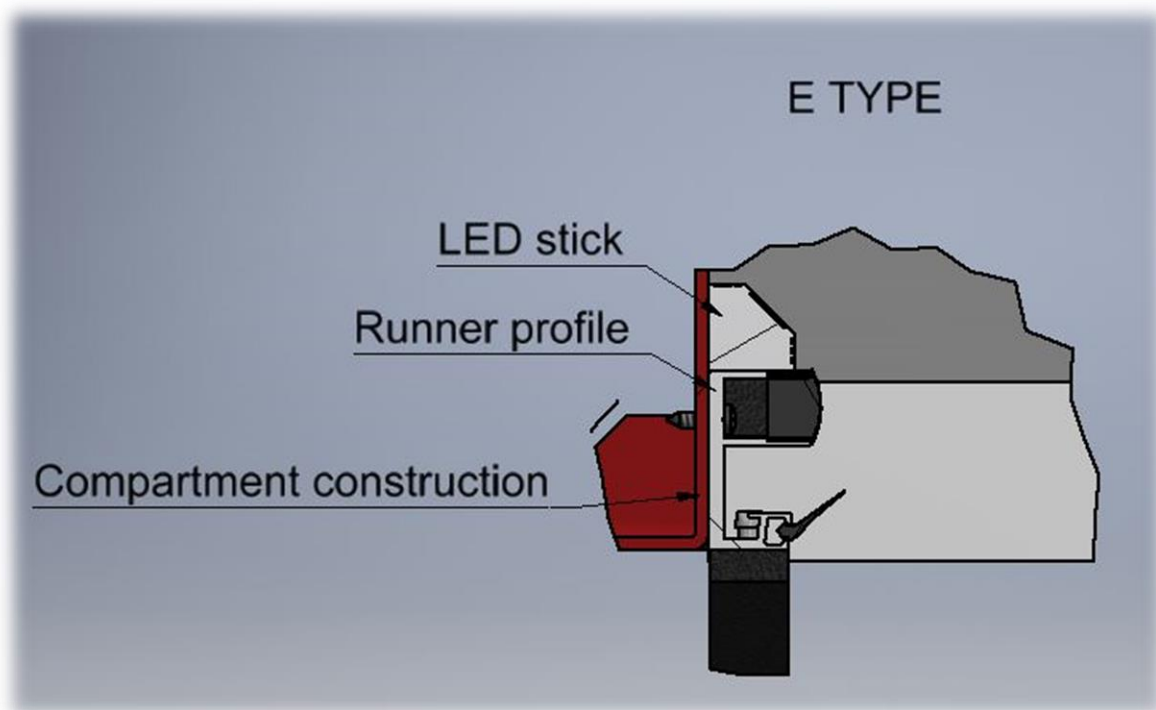
Micro switch switches ON/OFF the LED lights.

Details are on the picture 16 and 17



Picture 16

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



Picture 17

Place micro switch on desired place in the compartment

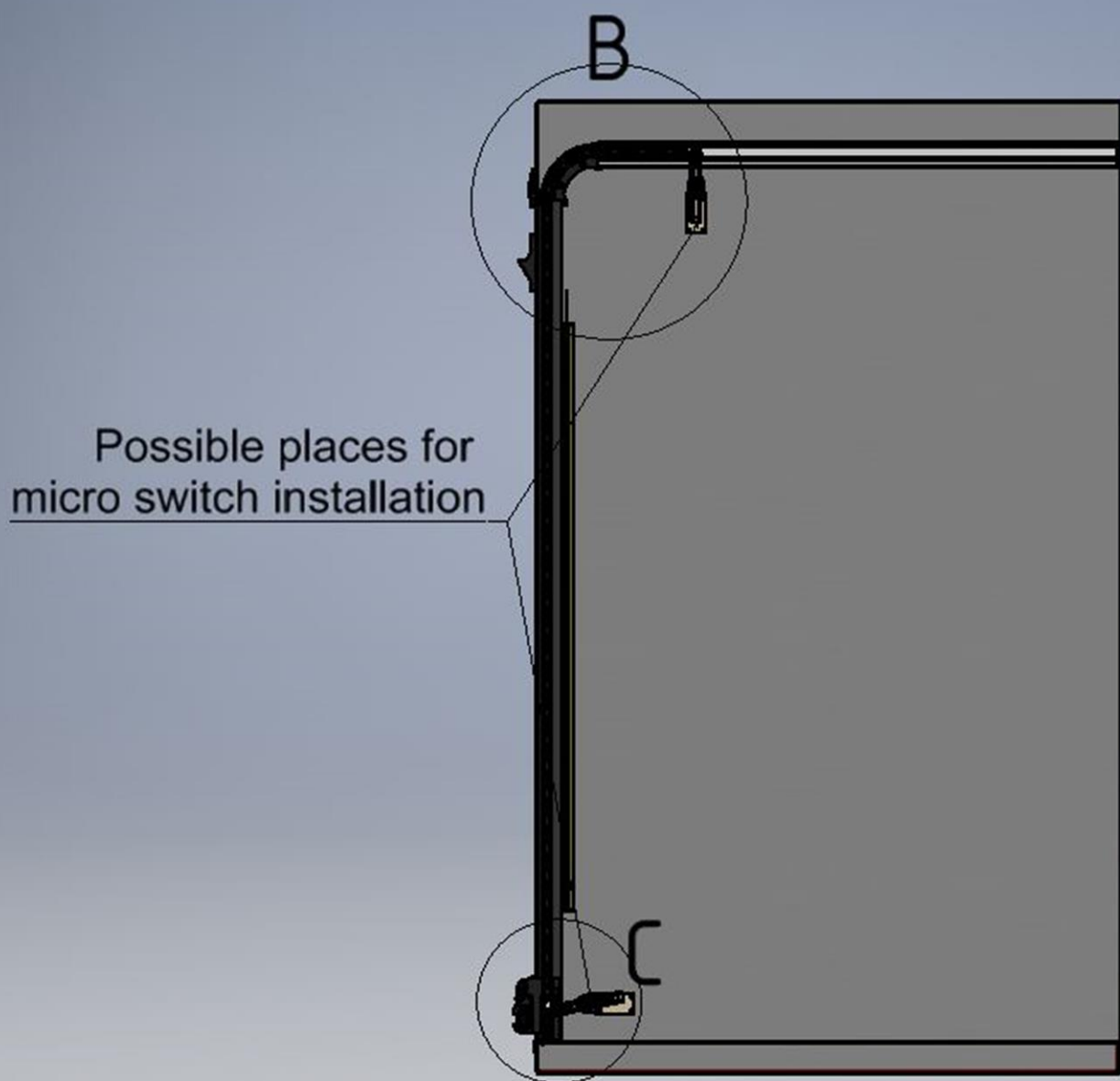
Depending on what opening height you want LED lights to be activated you can regulate "micro switch head" angular-longitudinal adjustment .

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

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

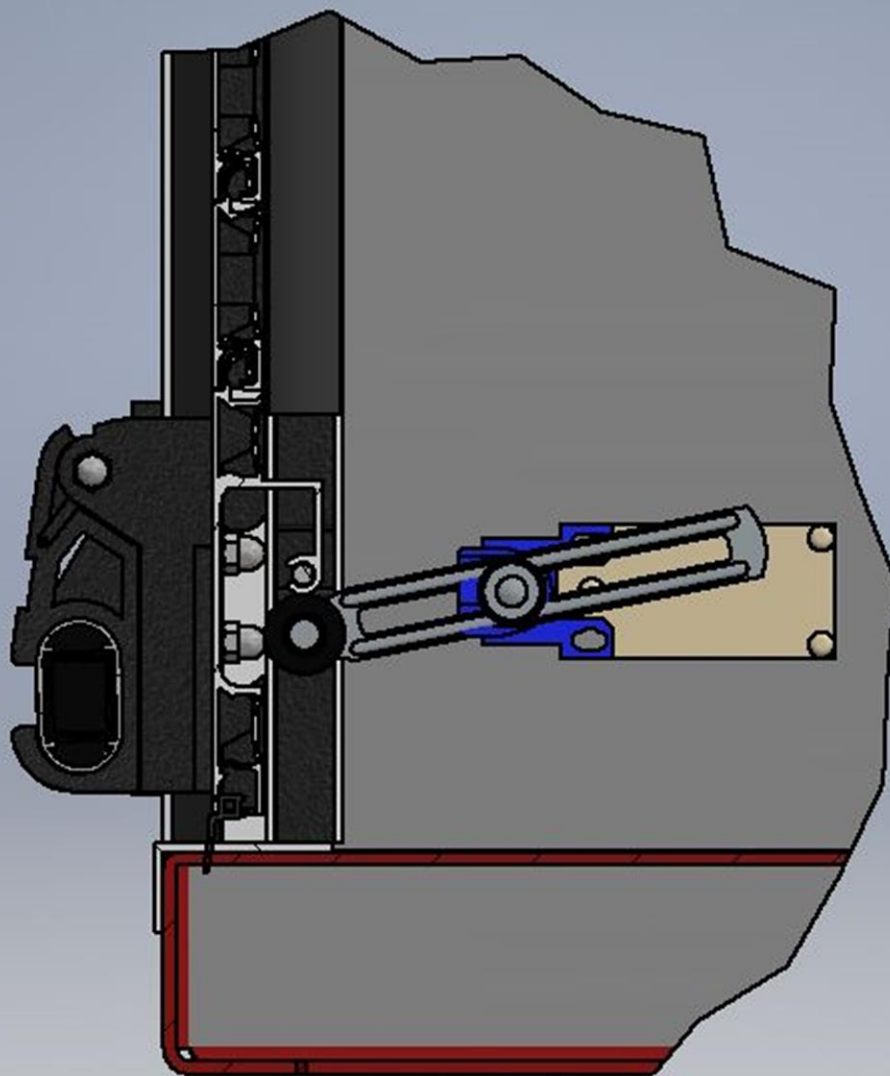
ATTENTION

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



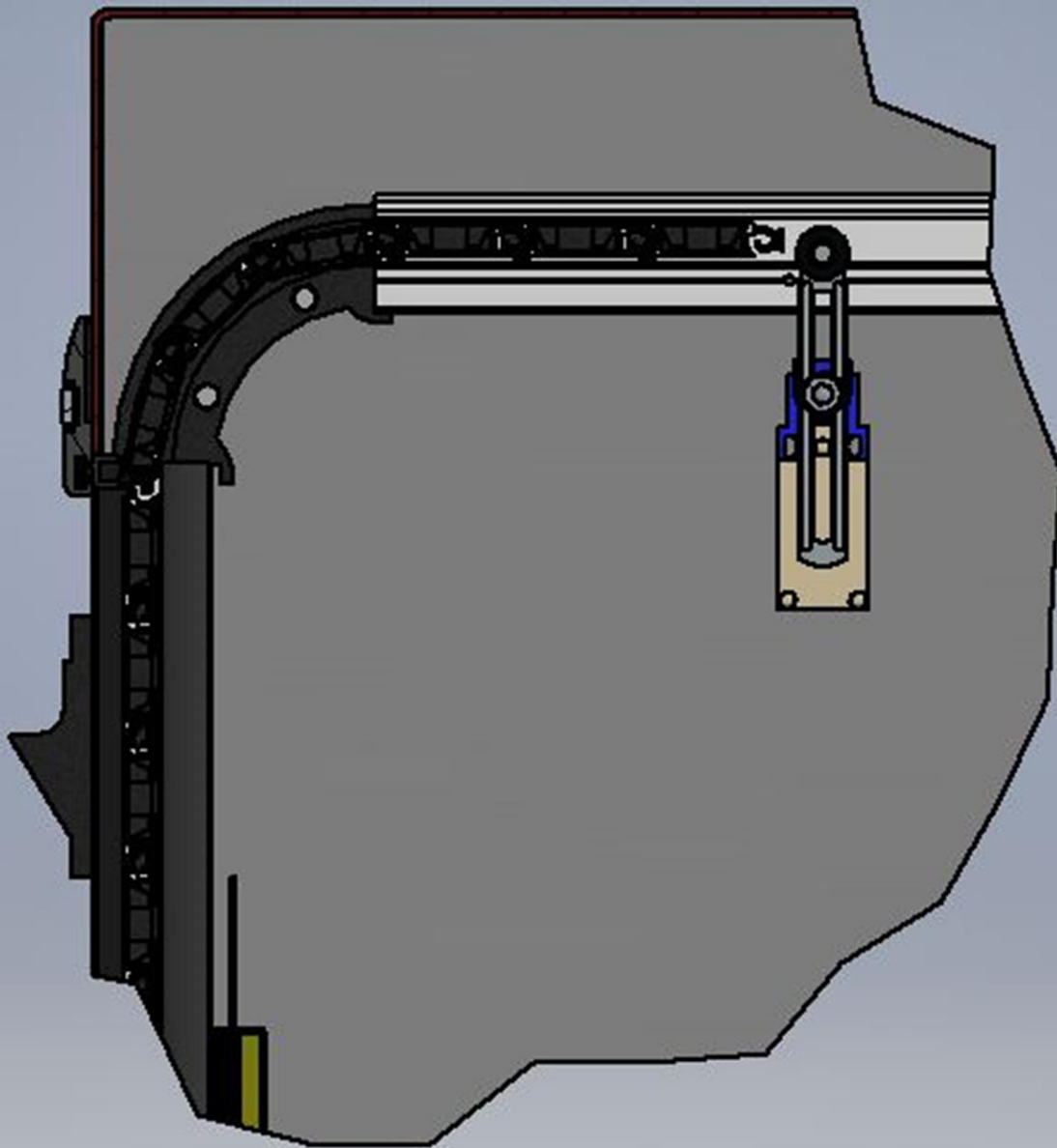
Picture 18

DETAIL C



Picture 19 bottom placement

DETAIL B



Picture 20 Top placement