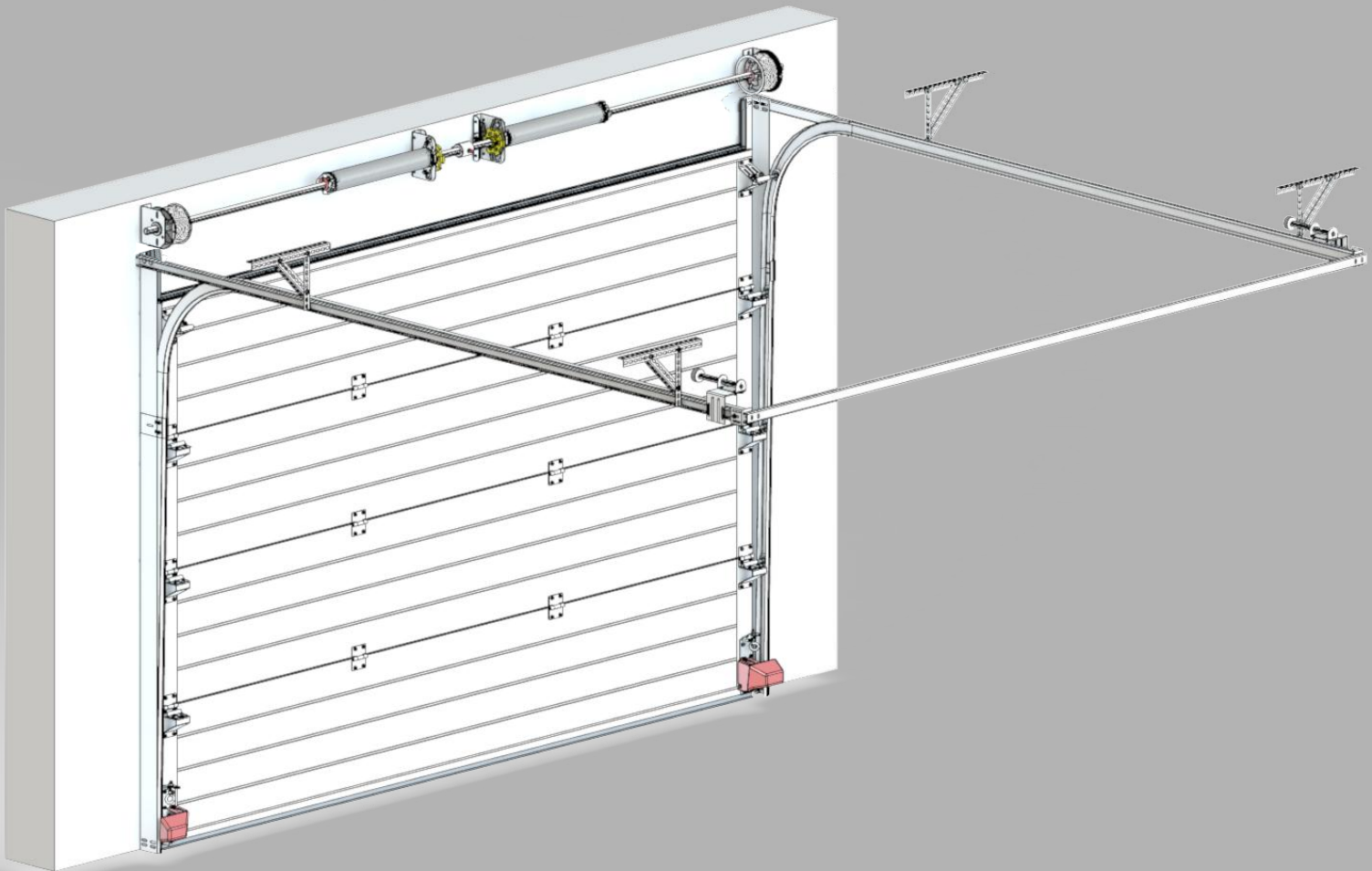




**PASEDO**®  
**Garage door components**

FOR PROFESSIONAL ASSEMBLY

SL



ver. 1.1

## 1. Guarantee conditions

The manual has been prepared to be used by qualified workers and cannot be used by people who are not entitled. Should any questions or doubts occur, you are requested to contact PASEDO company. The manual presents correct way of montage of garage door hardware only. In order to assembly a garage door with sandwich panel and other devices, the producer should follow manuals of the sandwich panel and other devices. The sandwich panel and other devices should be produced according to European Union rules.

## 2. Assembly conditions

Unprofessional assembly, any variations of the assembly that are not in accordance with this manual, will be made on the garage door Producer's responsibility. This also applies to any damages caused by improper use and not following the rules of this manual as well as improper service. The system presented in this manual should be used in residential buildings only and can be assembled and run by qualified workers only.

- The garage door can be assembled and put into operation by qualified workers only.
- Make sure that during working with electric devices the power is off.
- Security devices should never be switched off!
- Be careful in case of keen edges, use gloves.
- If visible damages of security device occur, stop further using of the door.
- While assembly/maintenance of the door it is recommended to always use gloves and protection shoes, and during drilling use the protection glasses.
- Make sure that works are carried out in a stable environment.
- Mark out the place of working with a tape so that the children and other people keep a distance.
- The maintenance to be carried out by a professional company or person only.
- Provide sufficient lighting.
- Use the suitable tools, especially for springs torsioning.

## 3. Control and service just after assembly

When assembly is finished worker should control if all elements are mounted in accordance with the manual, properly tightened as well as they should provide:

- lubrication of shaft bearings and rollers,
- lubrication of hinges,
- lubrication of steel cable,
- placement of Identification Card and required warning labels.

## 4. Passing the finished product to customer

Producer of door passes it to a user and shows him the way of working of the product, instructs him how to use the door and provide the following documents:

- manual of use and service,
- instructions what to do in case of incorrect working of door.

## 5. Garage door maintenance and overview

Door overview shall be signed in Door Service Book.

After 3 months since door assembly, assembling person (service person) makes:

- visual control of all elements,
- control of proper door operating and tightening the fasteners if needed.

After 6 months or after 700 cycles the user shall:

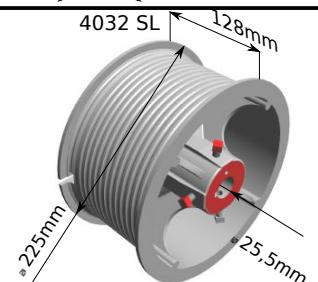
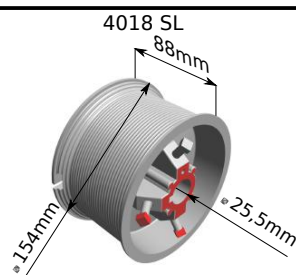
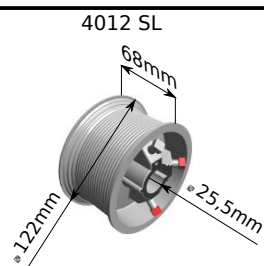
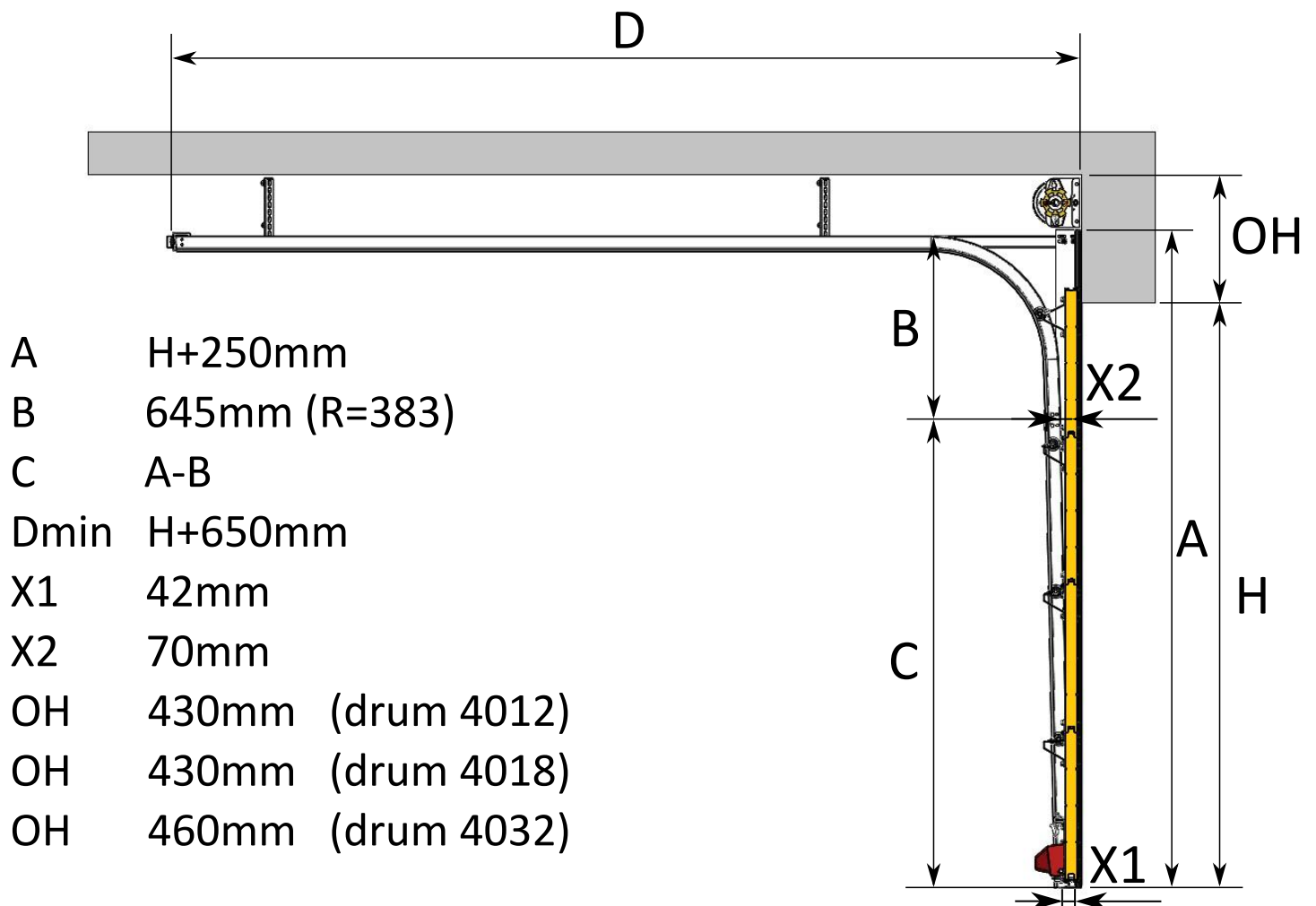
- remove impurities from door that have influence on correct working of door,
- lubricate the bearings and rollers,
- lubricate the hinges.

After 12 months since assembly repairer (assembling person) shall control and maintenance of proper door operating:

- roller (damages, material consumption, lubrication),
- control of steel cables consumption, especially connections with cable drums and bottom brackets and working places of cable pulleys if applied,
- control of cable pulleys consumption, if applied,
- spring break device control,
- control of horizontal track connection with ceiling,
- control of shaft brackets,
- control of seals (top, bottom and side) consumption and damages
- control of shaft coupler, if applied.

## 6. Garage door operator

All electric devices (including operators) that are a part of garage door shall fulfill requirements of European Union standards. Assembly of operator shall be made in accordance with operator's producer's manual. In case of lack of power supply or if there is no separate entrance into the garage, door shall be equipped with drive releaser.



no safety winding



max H  
4000mm

max H  
5810mm

max H  
11670mm

bez zwojów  
bezpieczeństwa  
half safety winding



max H  
3830mm

max H  
5590mm

max H  
11330mm

połowa zwoju  
bezpieczeństwa  
two safety windings



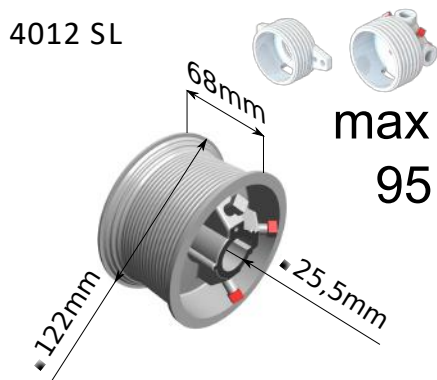
max H  
3300mm

max H  
4900mm

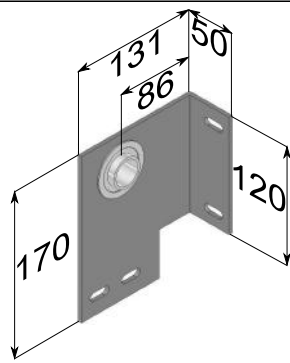
max H  
10290mm

dwa zwoje  
bezpieczeństwa

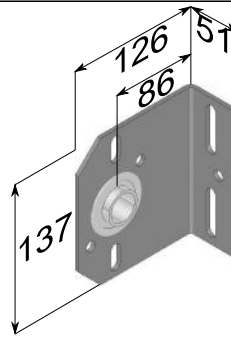
4012 SL



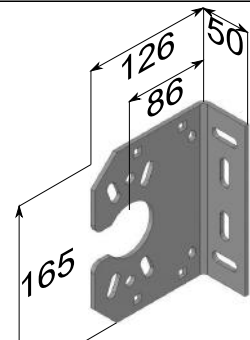
max  
95



514086

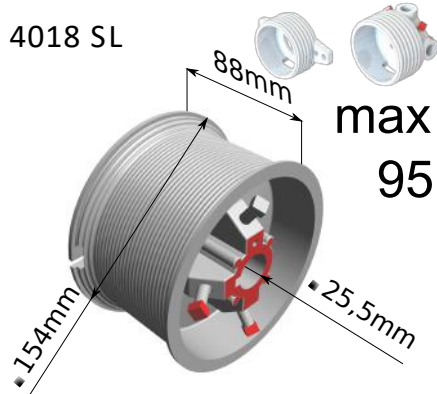


504086

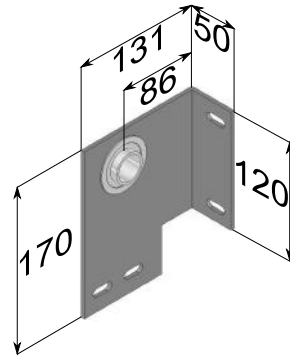


504086-N

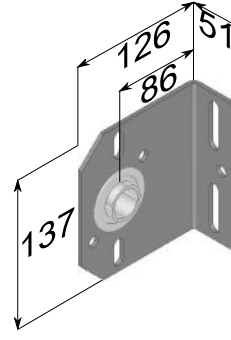
4018 SL



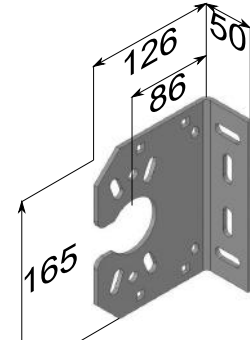
max  
95



514086

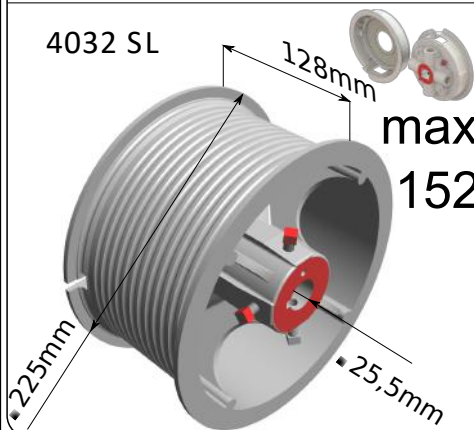


504086

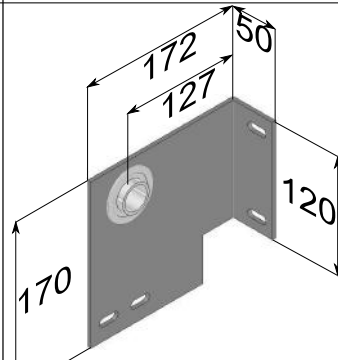


504086-N

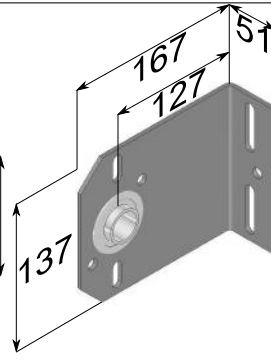
4032 SL



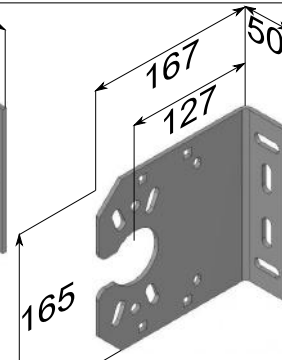
max  
152



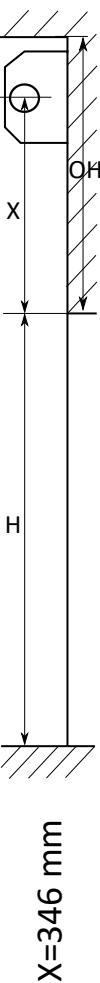
5140127



5040127



5040127-N



X

W

X

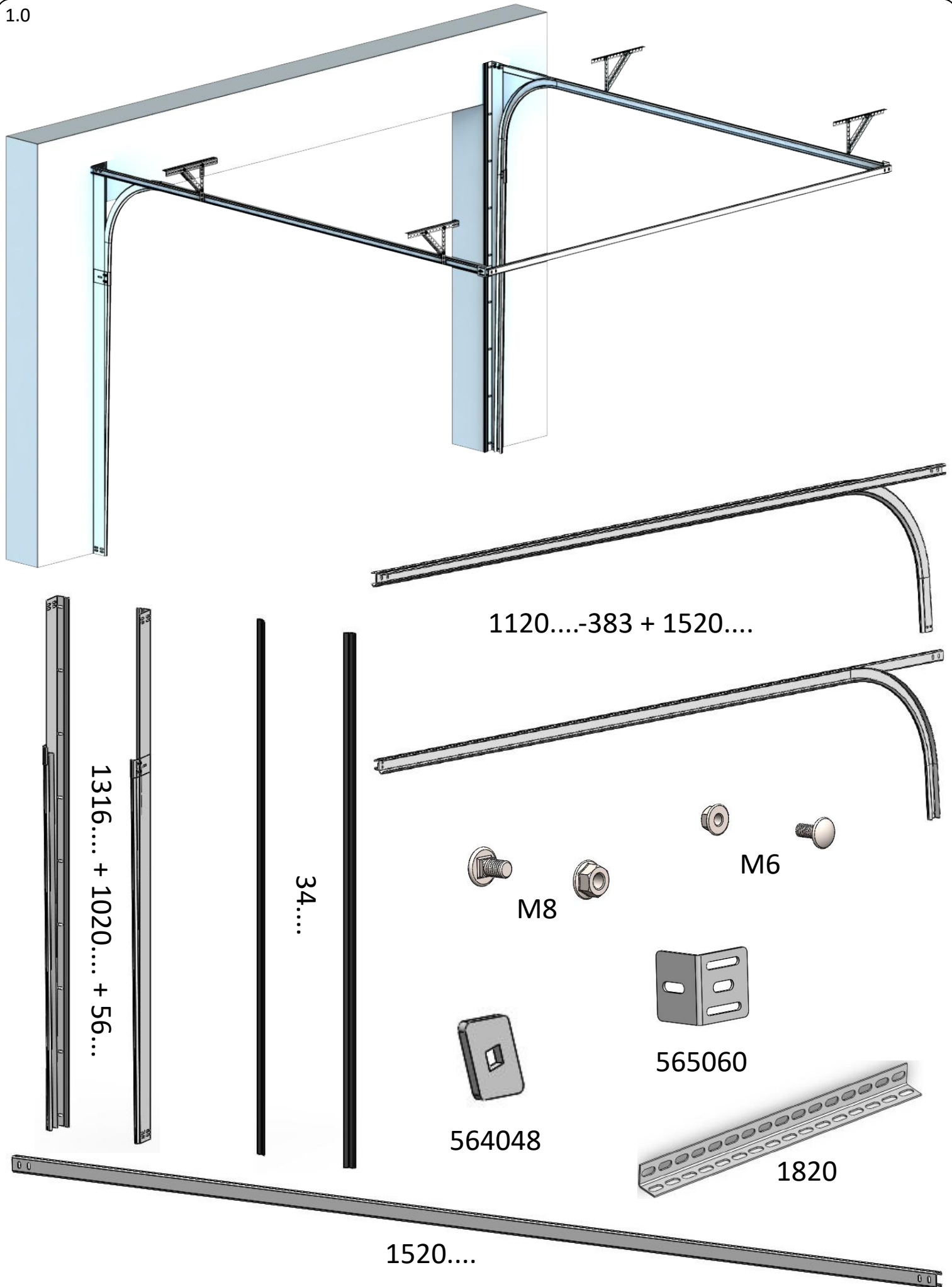
Y

W - clear width

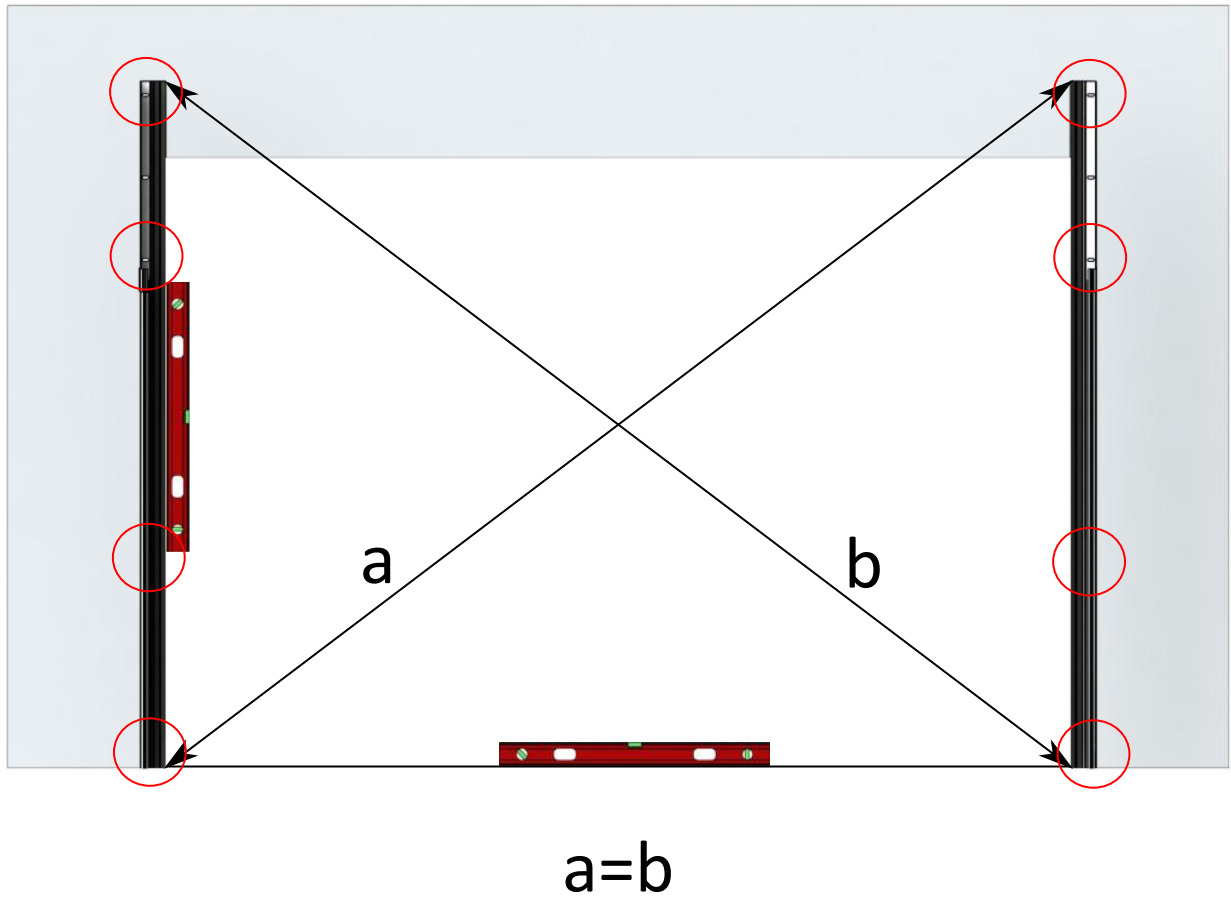
X - the width needed to fit the vertical side angle: 80mm

Y - panel width with end caps:  $W + 15\text{mm} + 15\text{mm}$

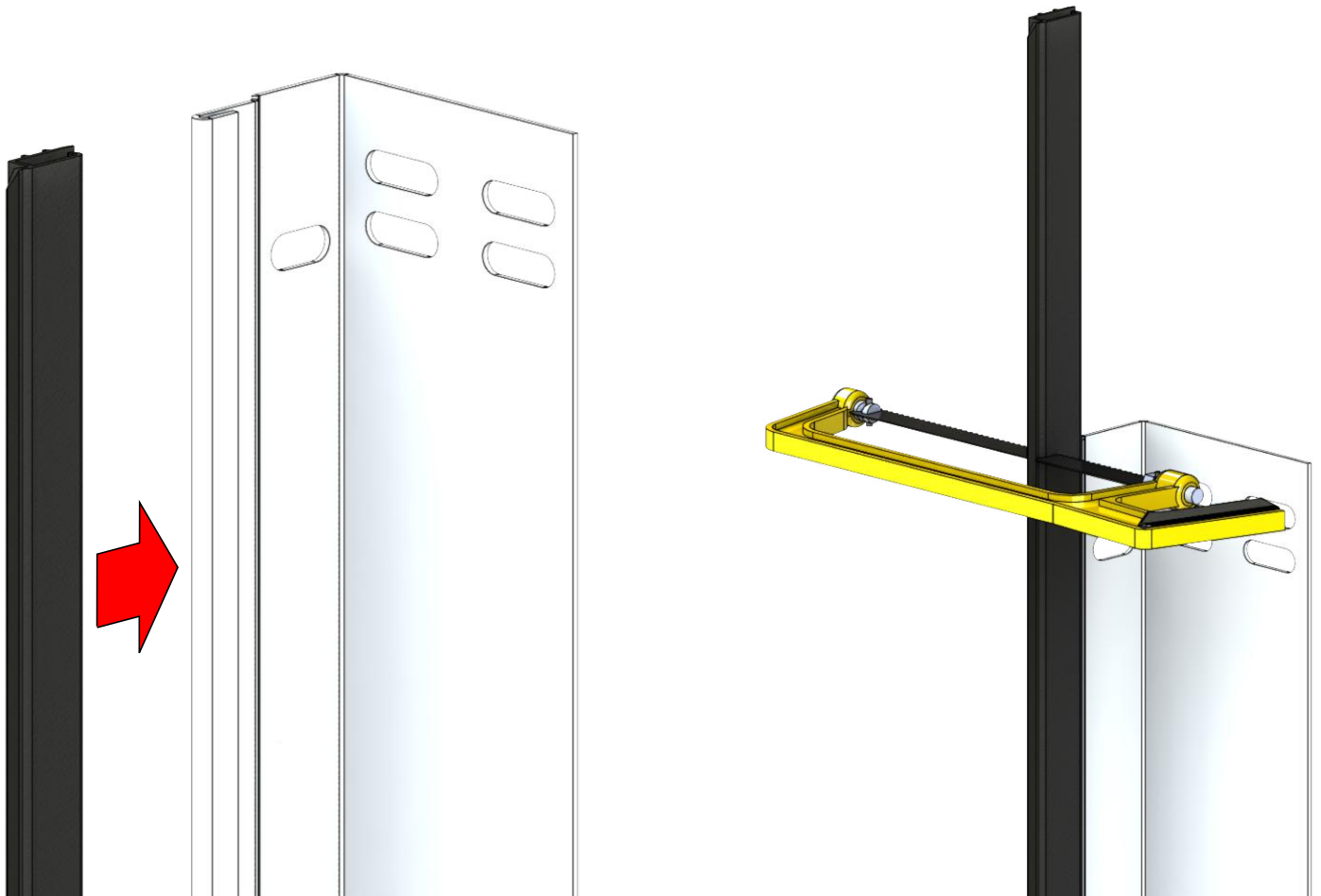
1.0



1.1

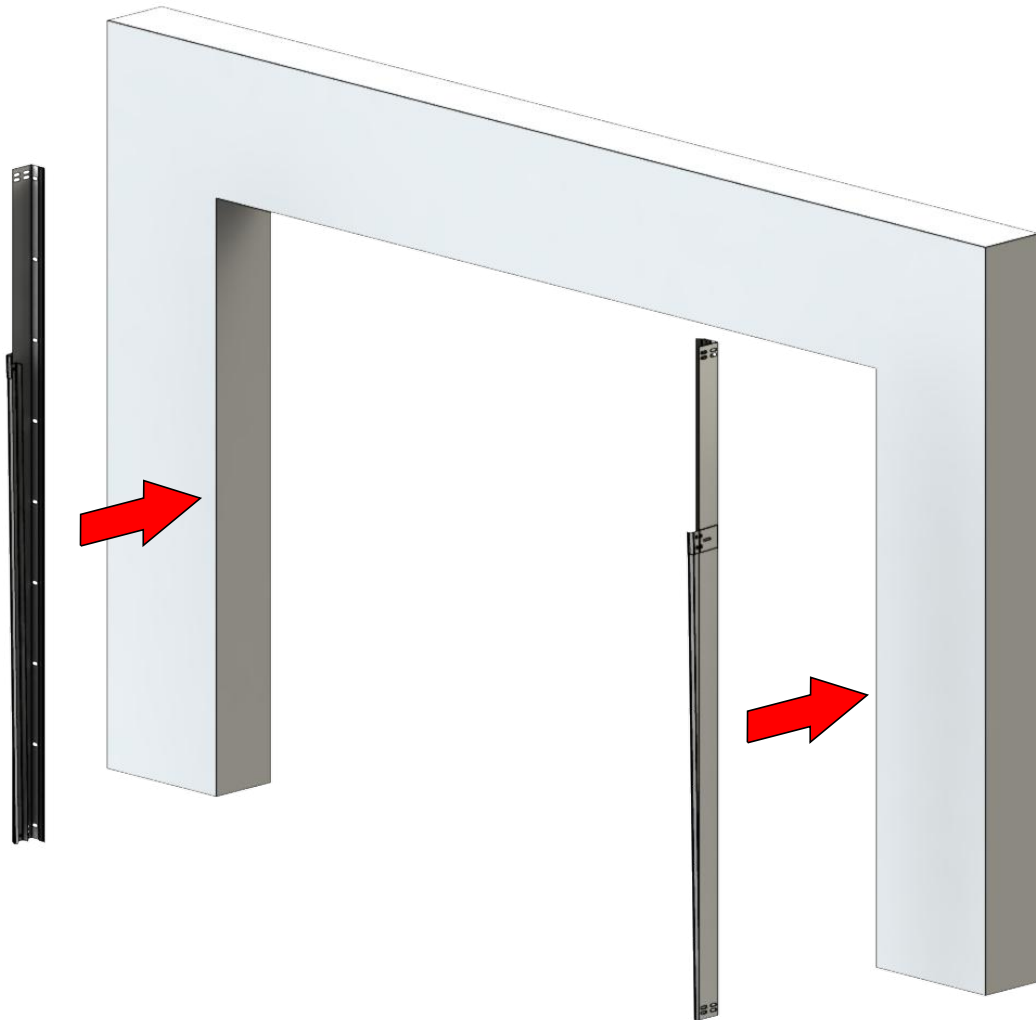


1.2





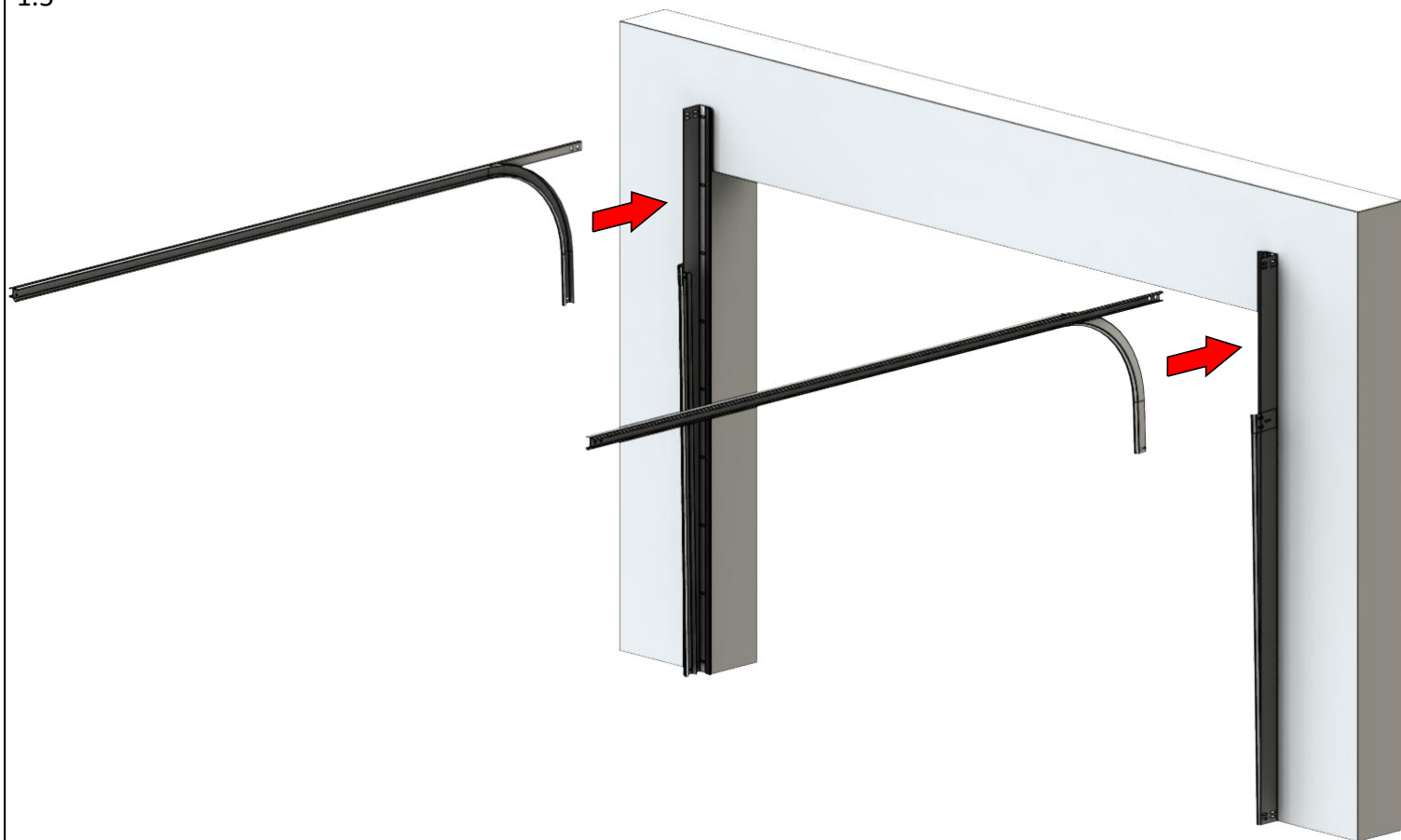
1.3



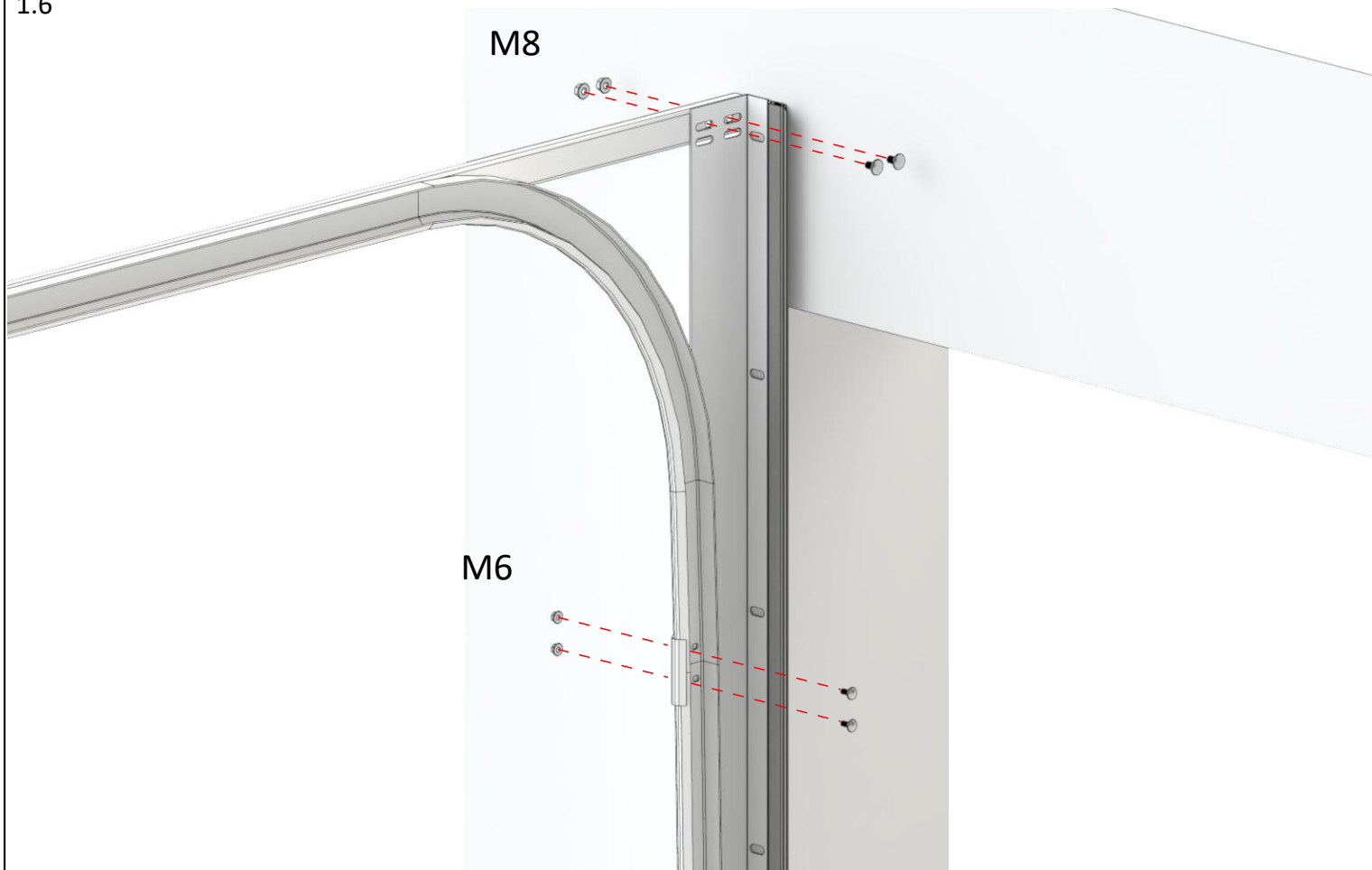
1.4



1.5

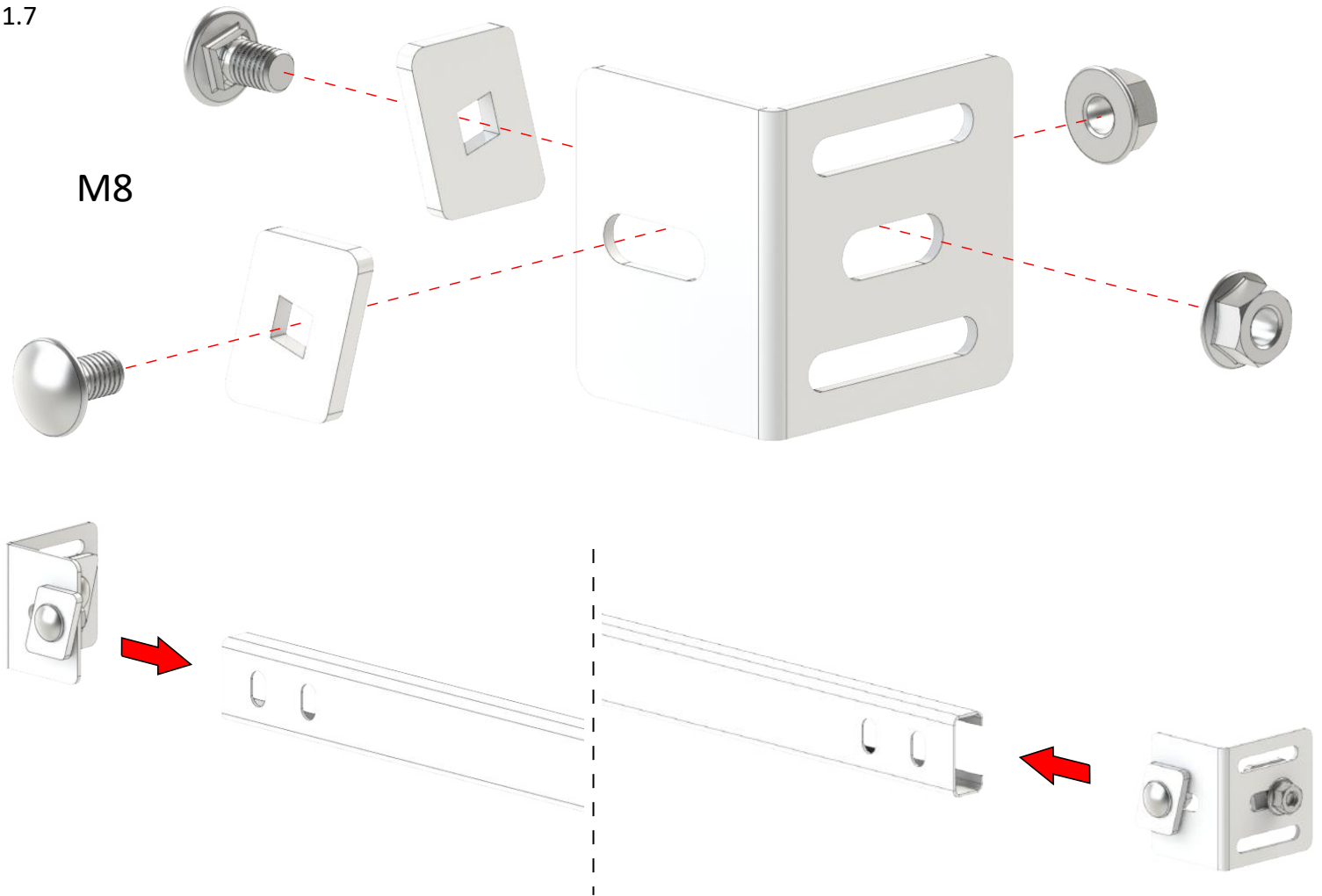


1.6

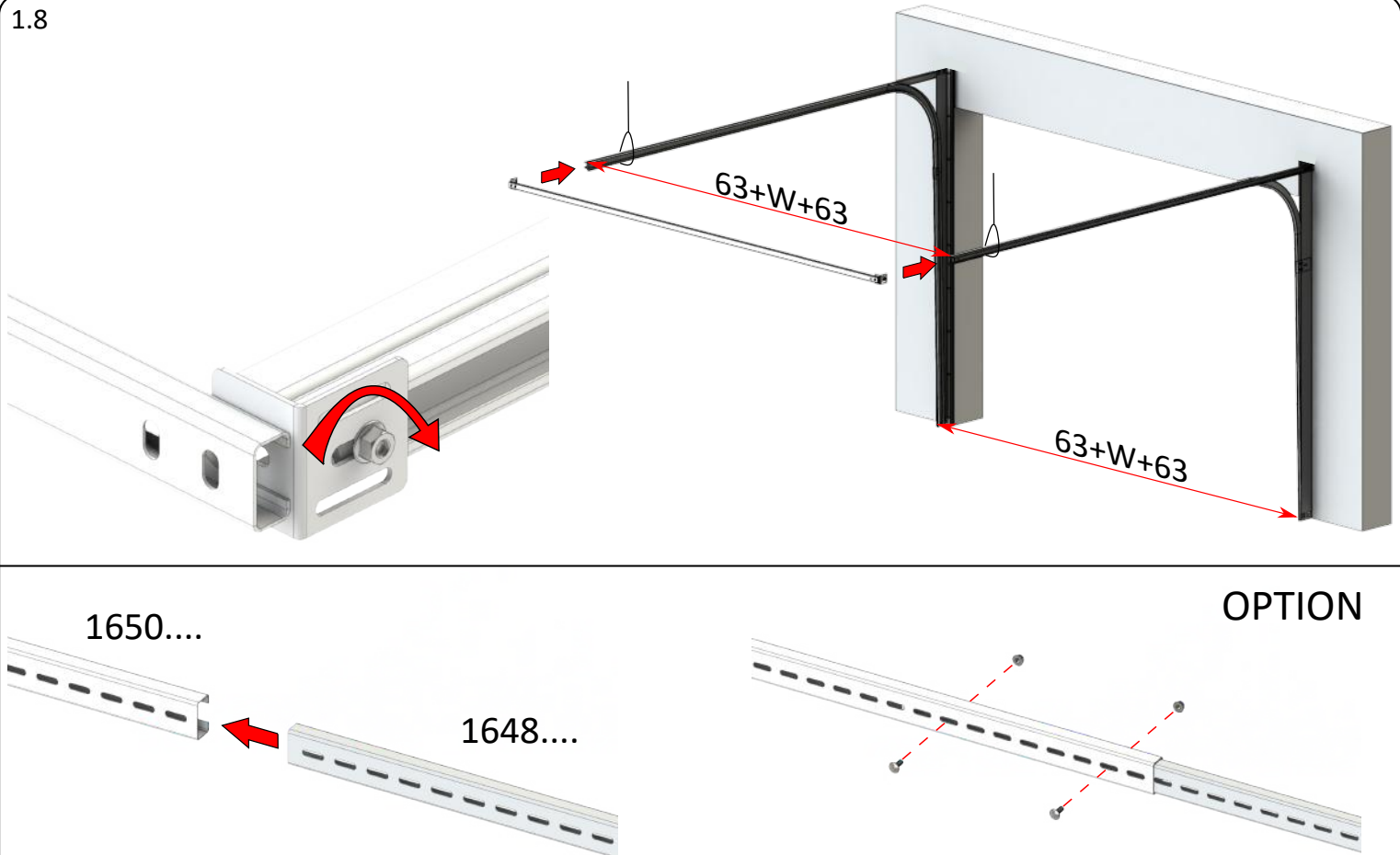




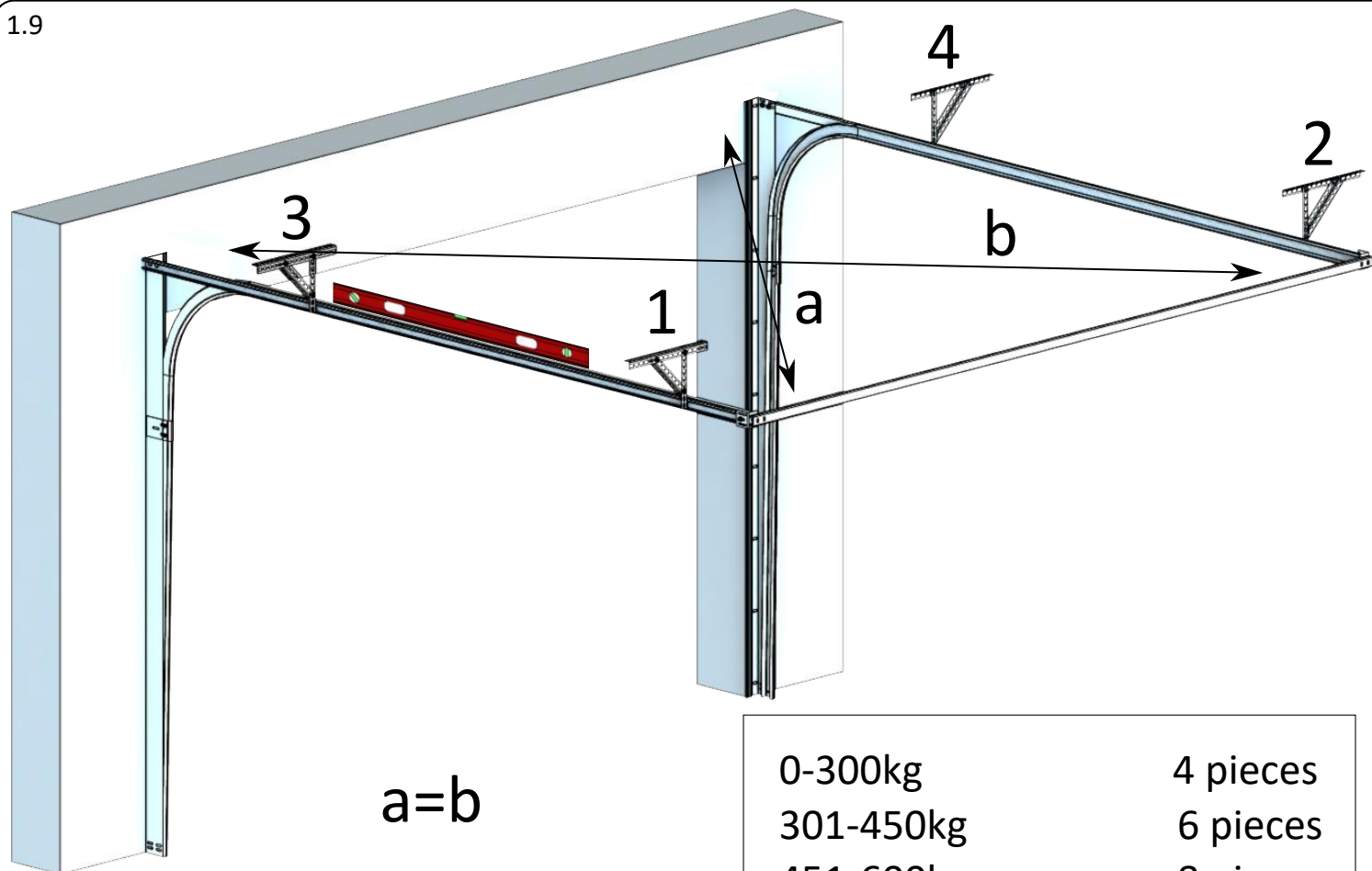
1.7



1.8



1.9



$a=b$

0-300kg

4 pieces

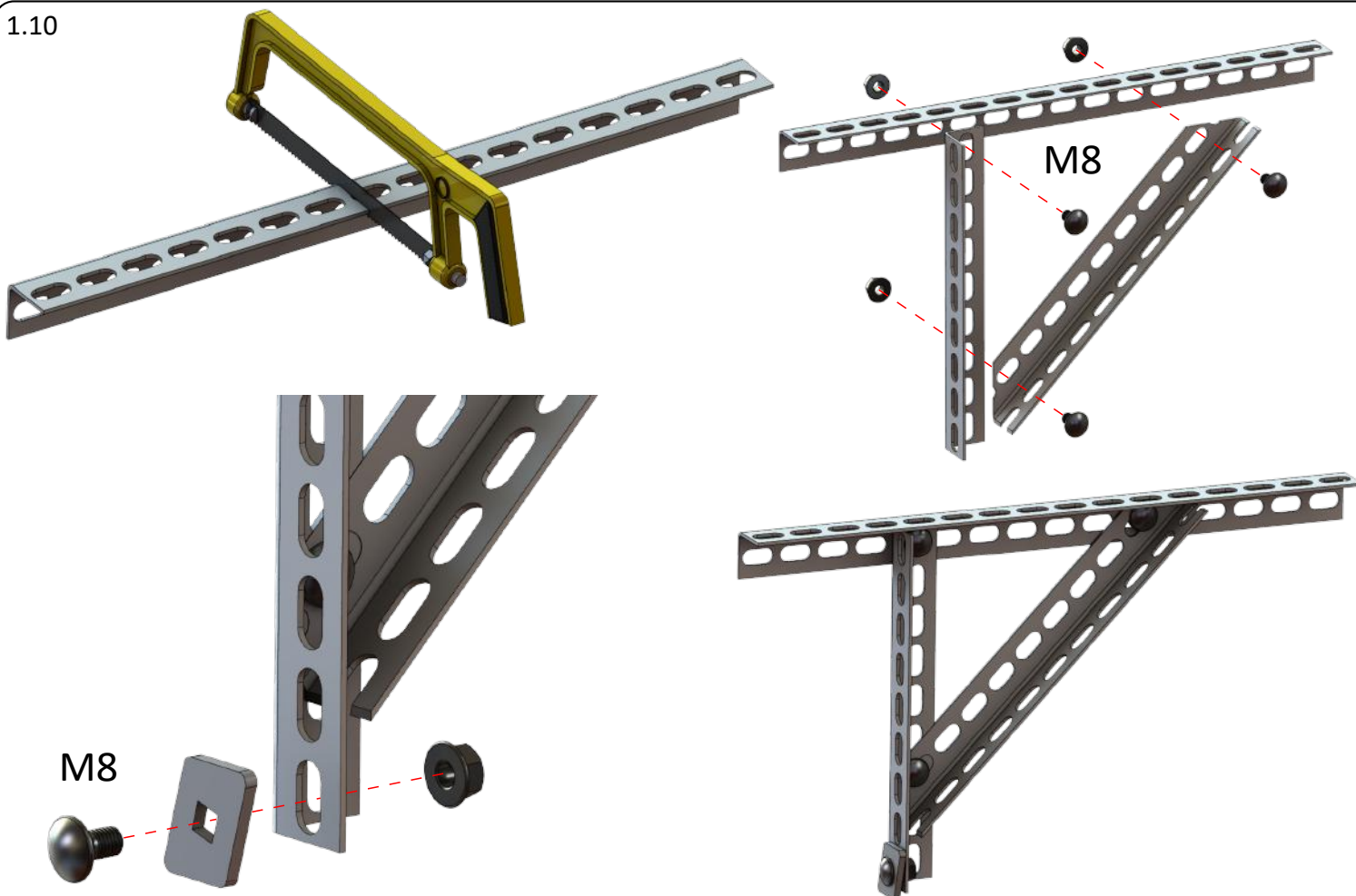
301-450kg

6 pieces

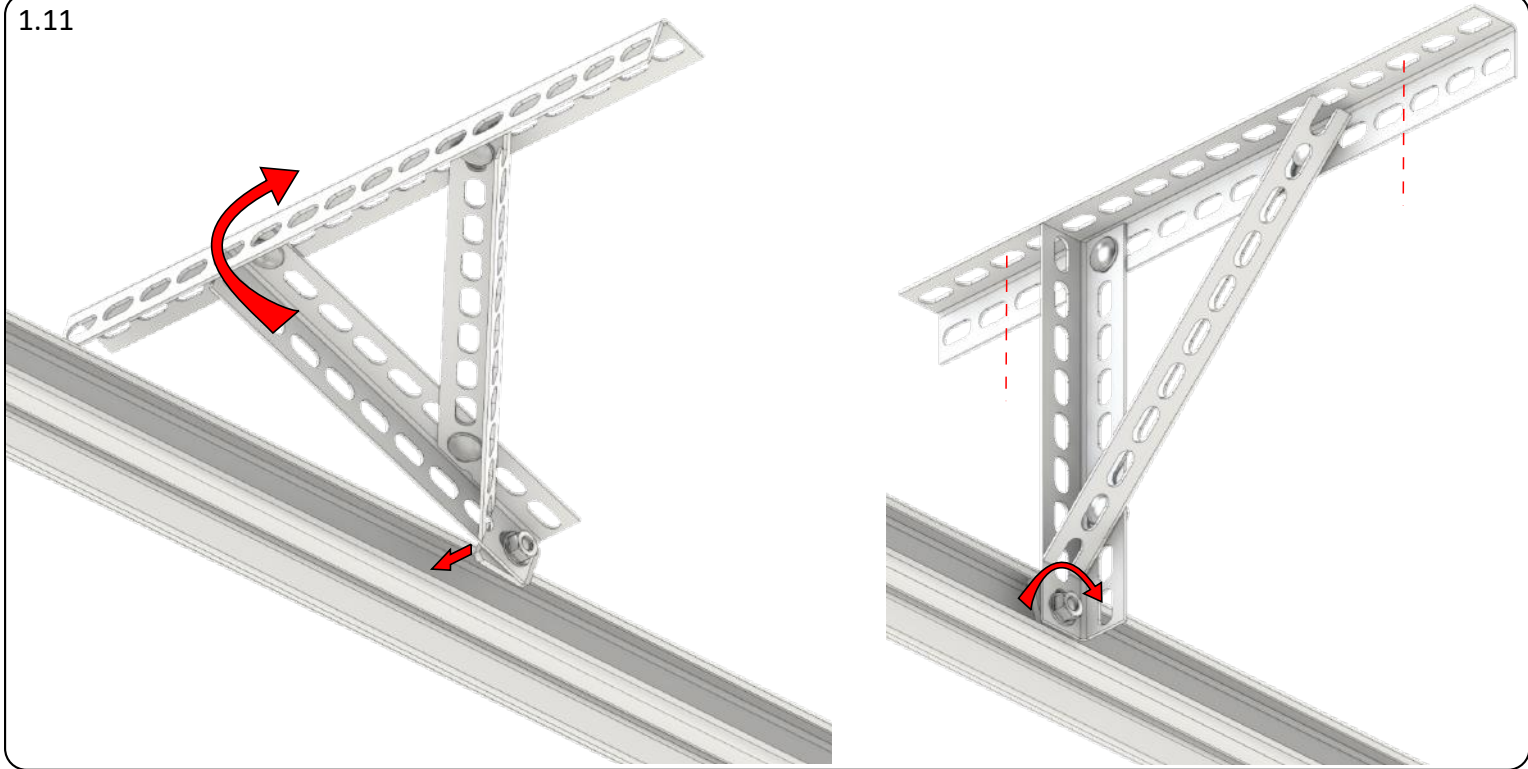
451-600kg

8 pieces

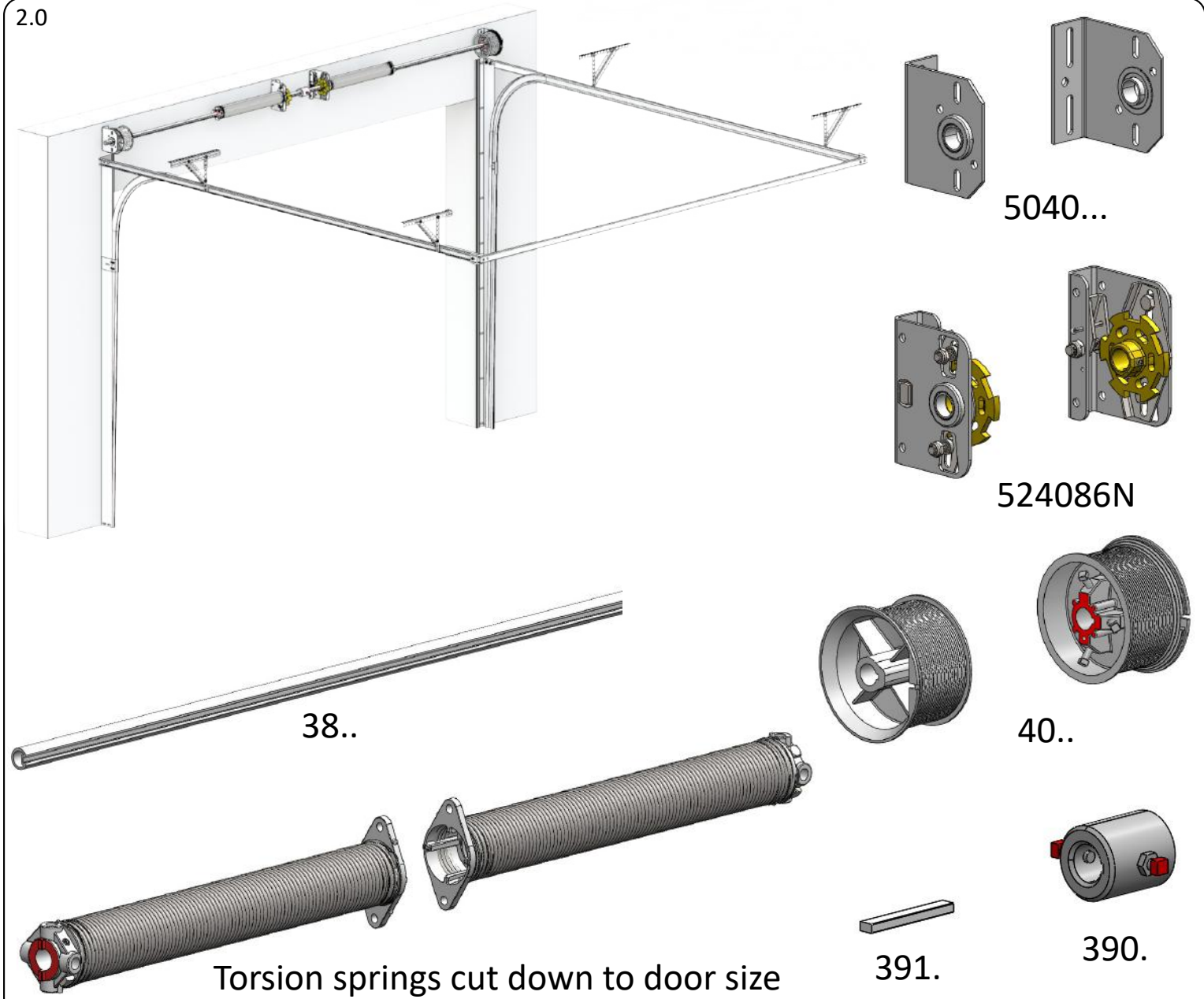
1.10



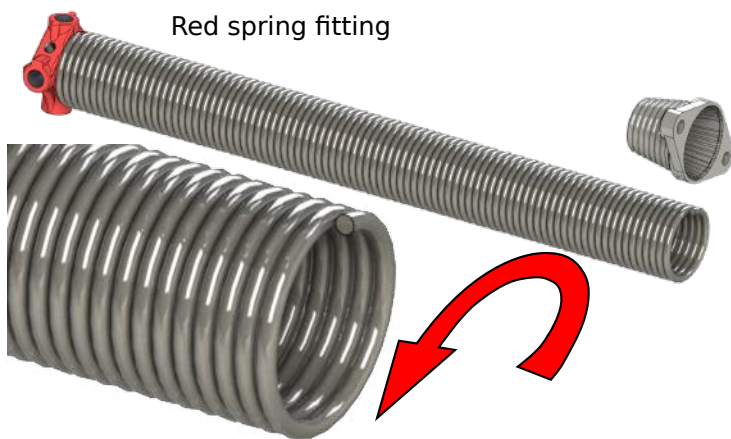
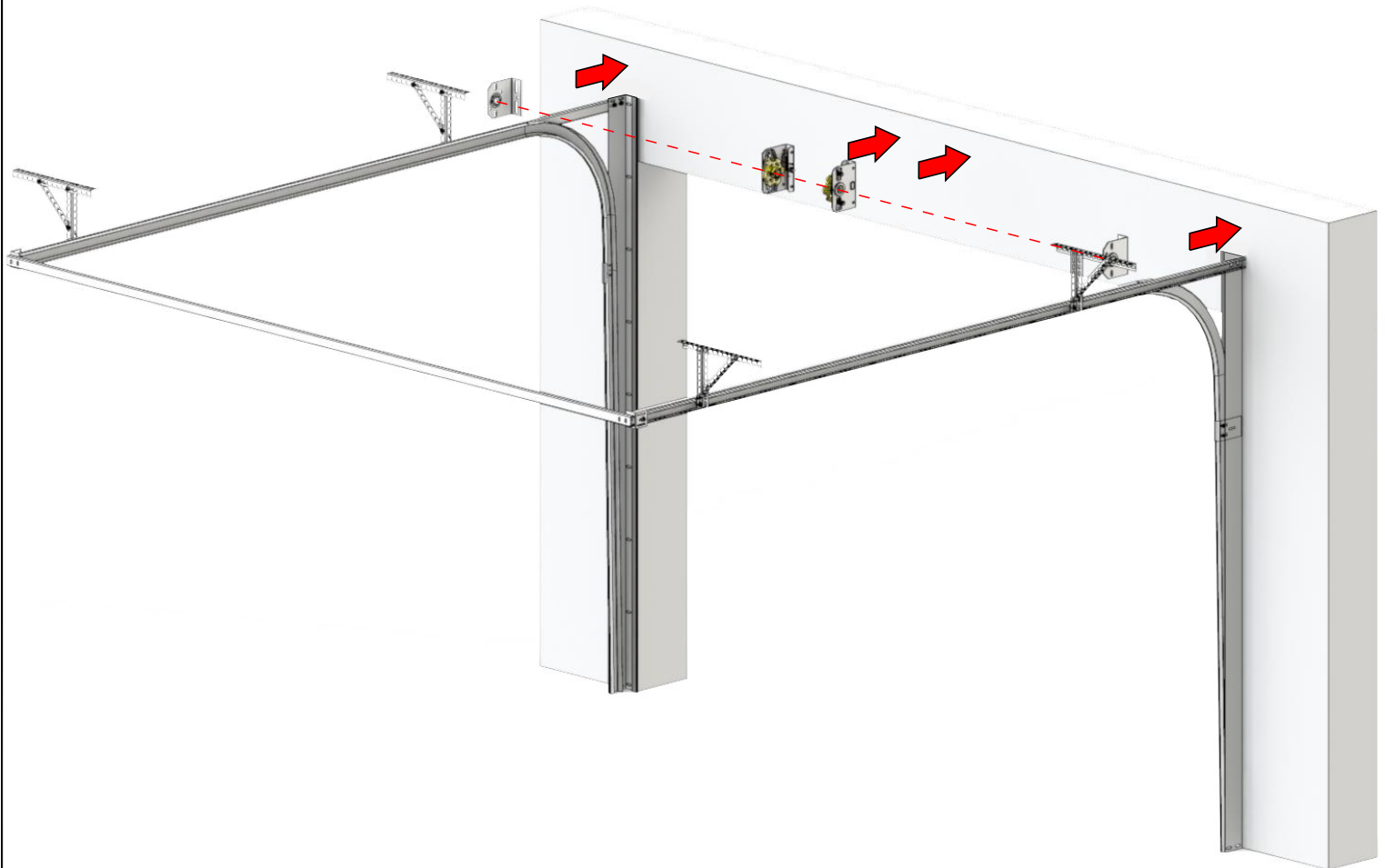
1.11



2.0

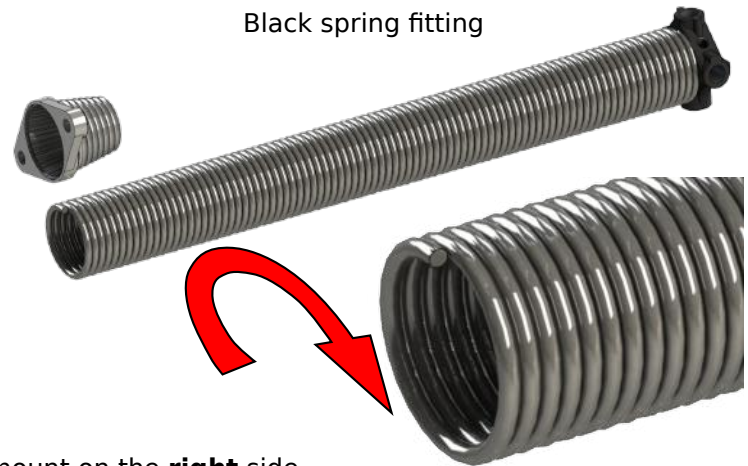


2.1



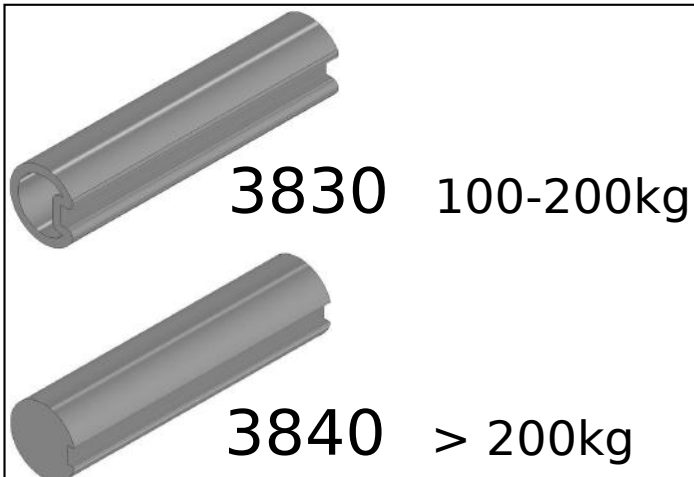
Red spring fitting

mount on the **left** side



Black spring fitting

mount on the **right** side

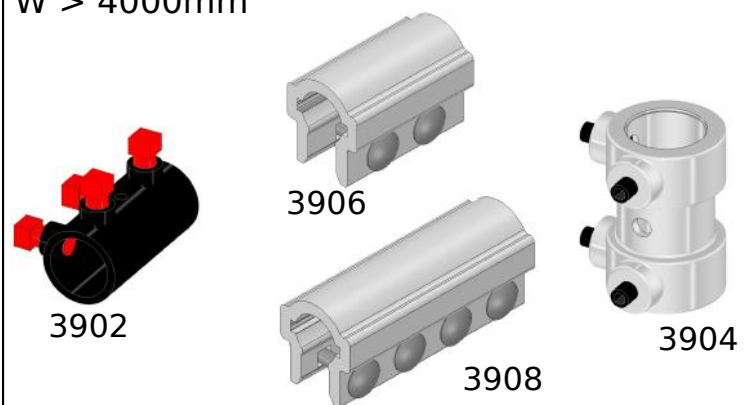


3830 100-200kg

3840 > 200kg

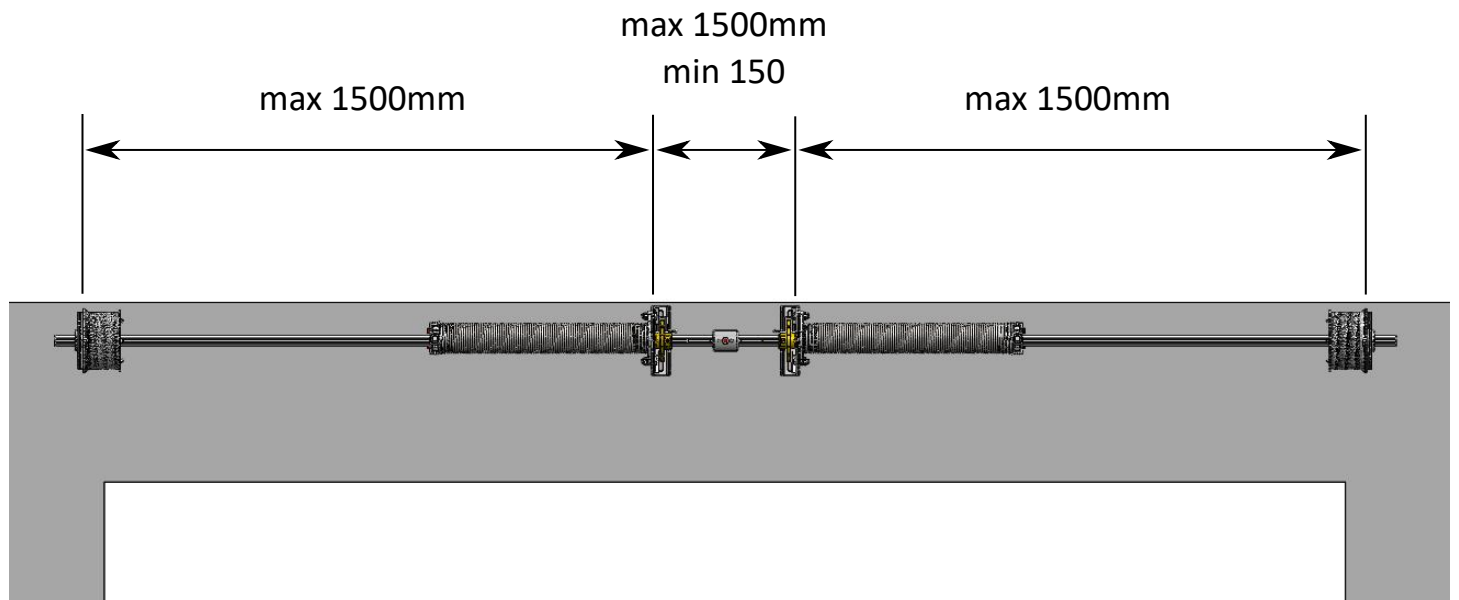
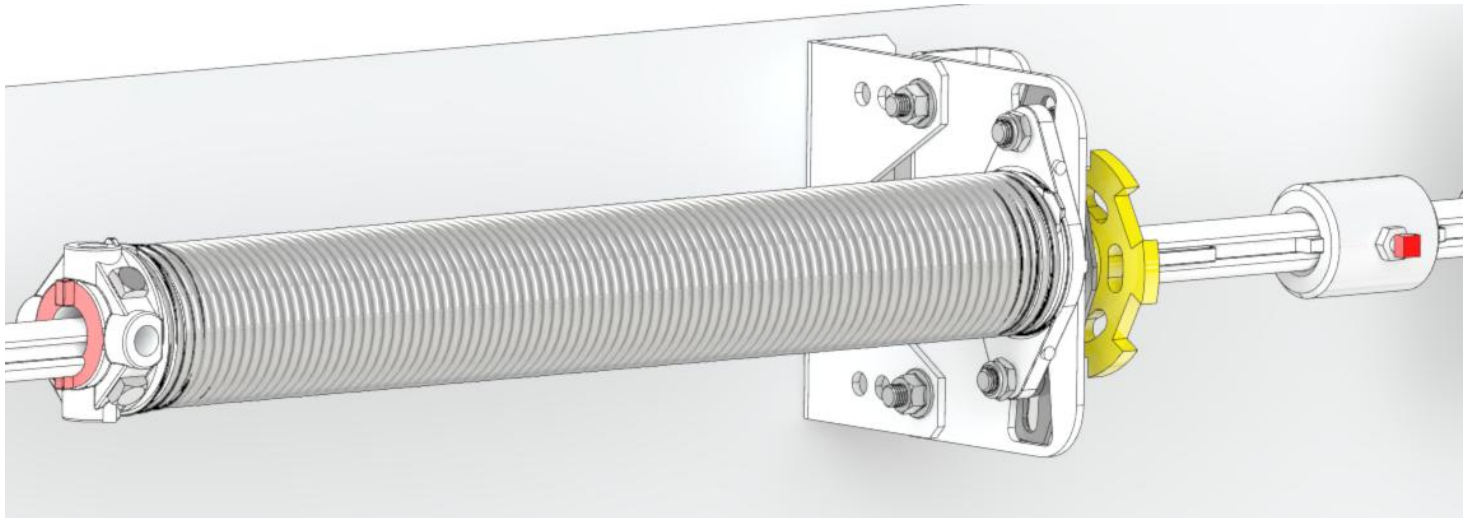
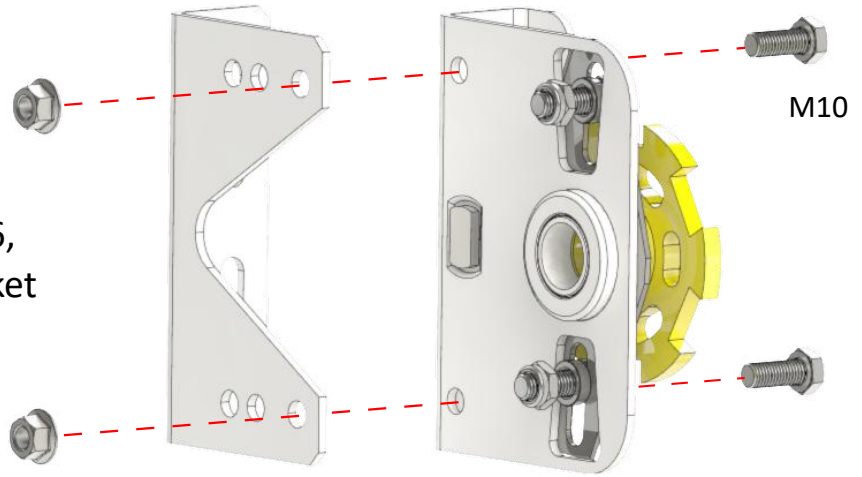
Coupler  
W > 4000mm

OPTION



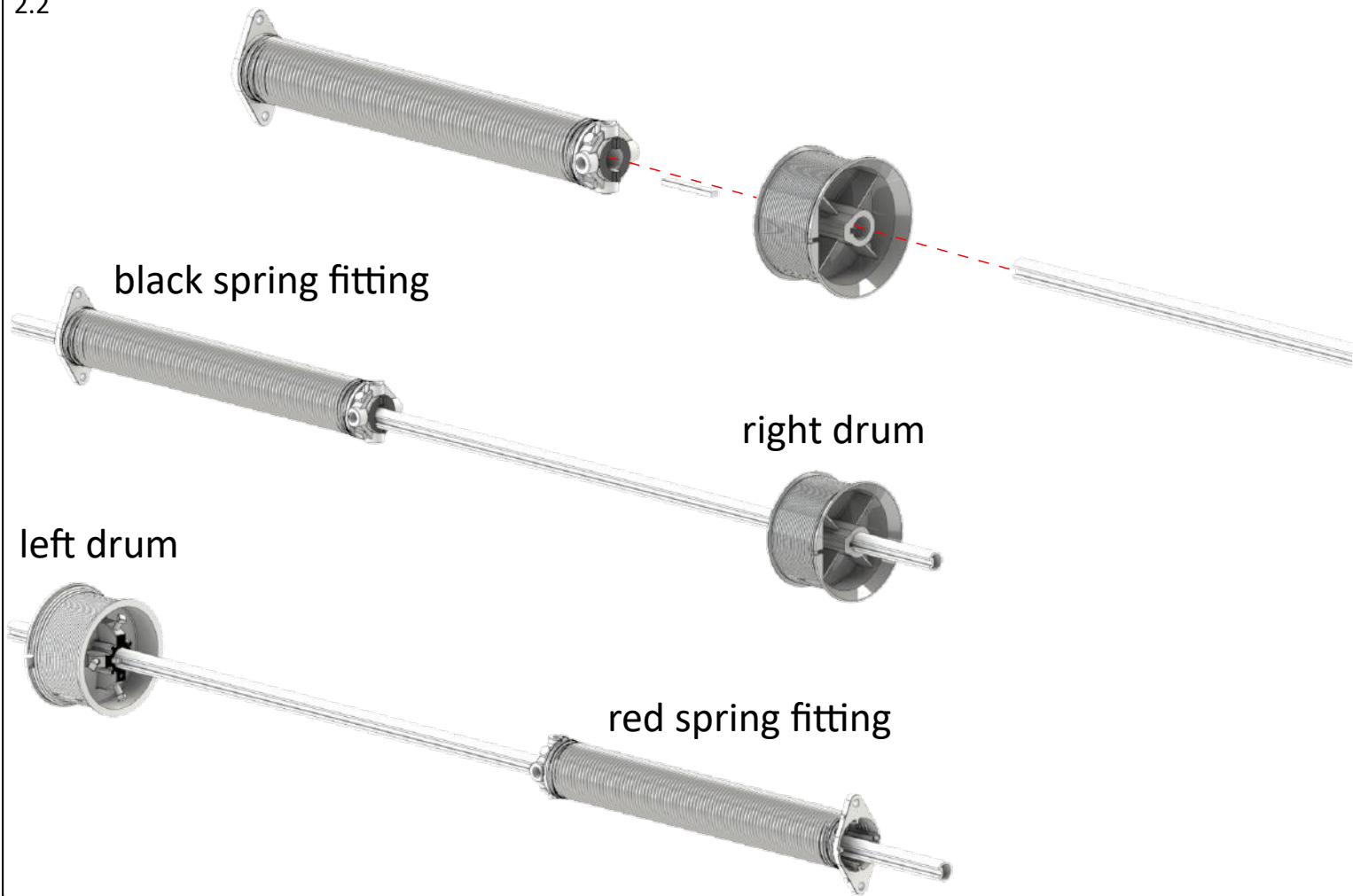


if the side brackets are larger than 86,  
we install a spring break device bracket  
524086B

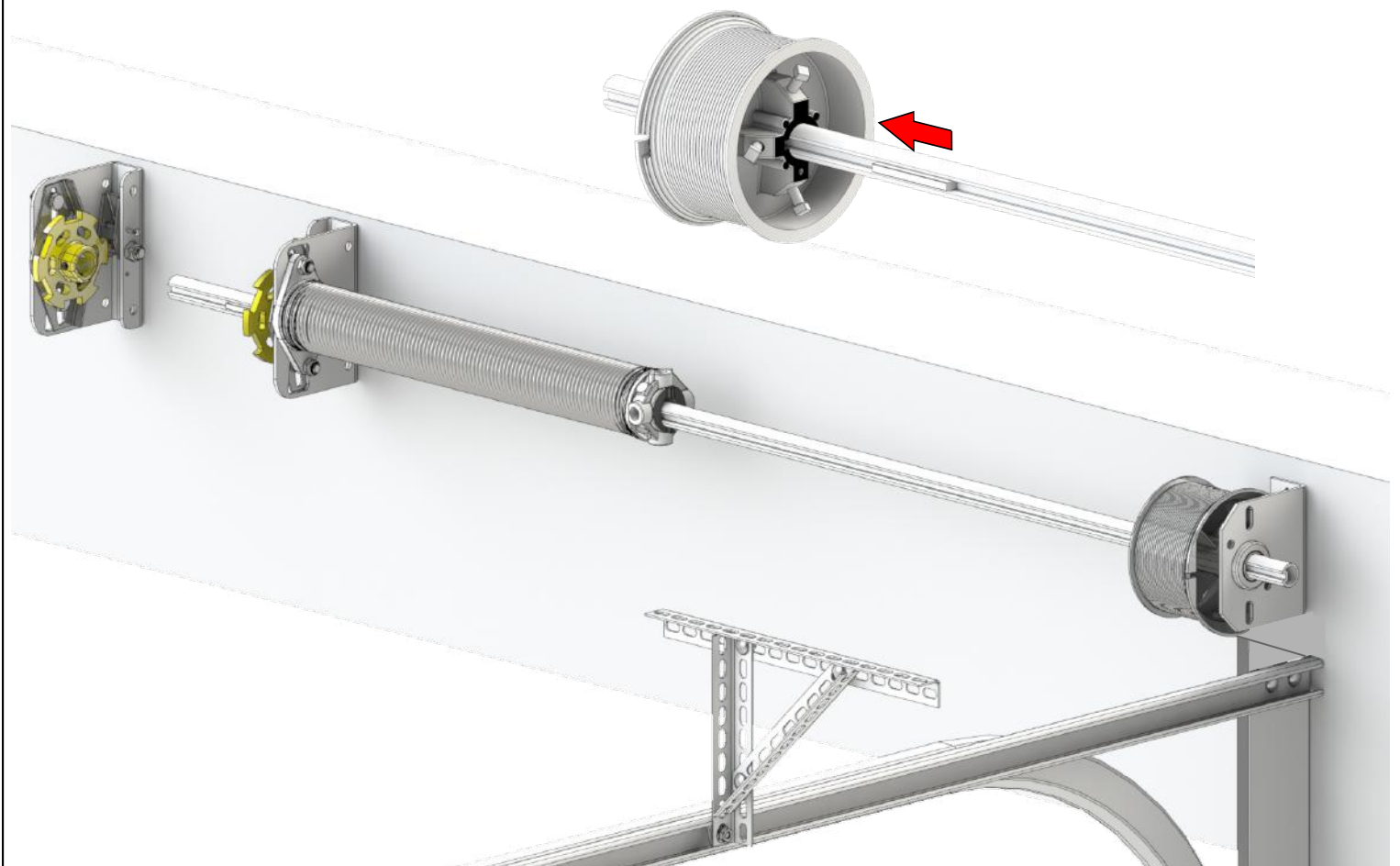


correct spacing of brackets  
spring break device to be treated as a bracket

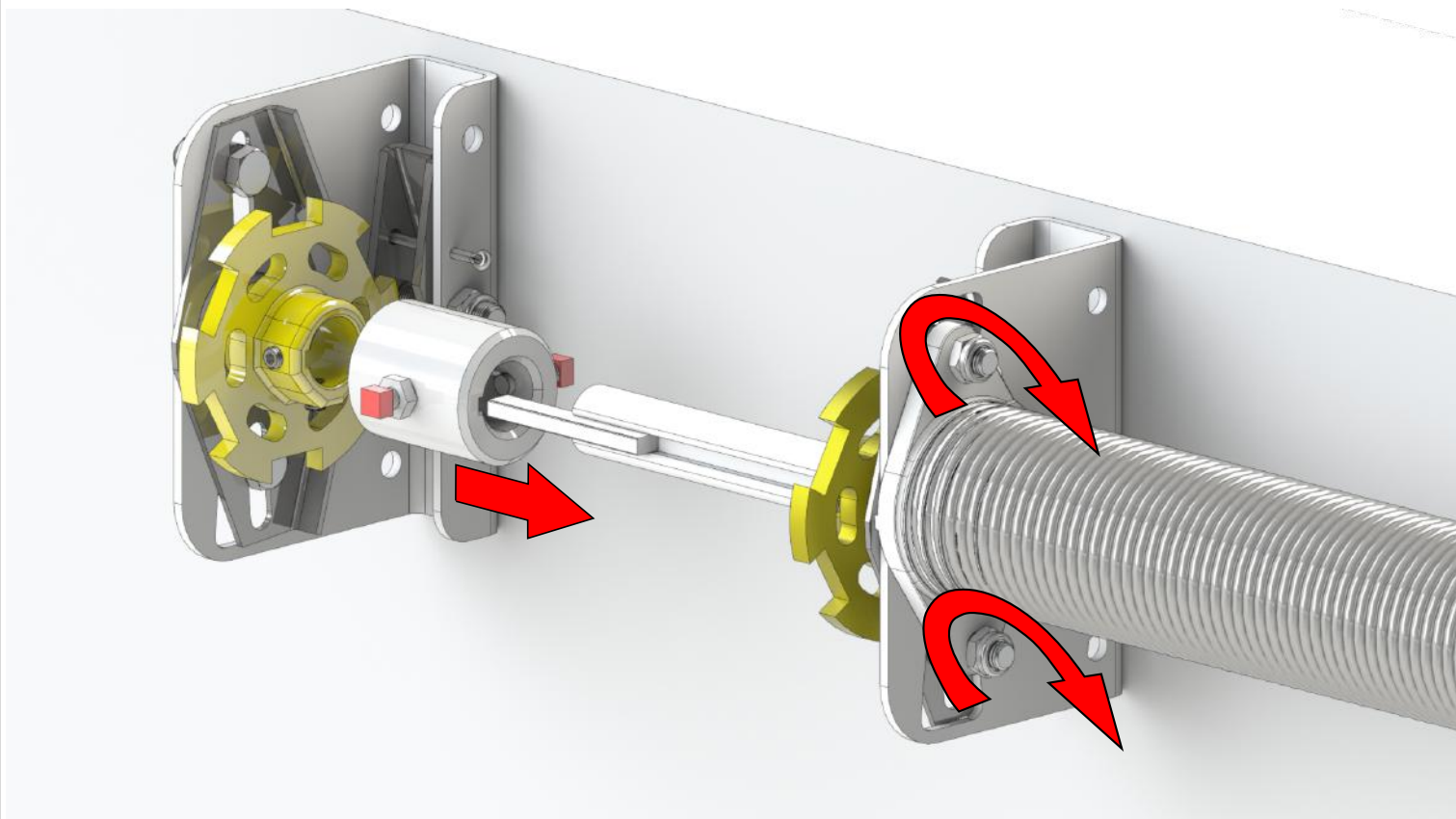
2.2



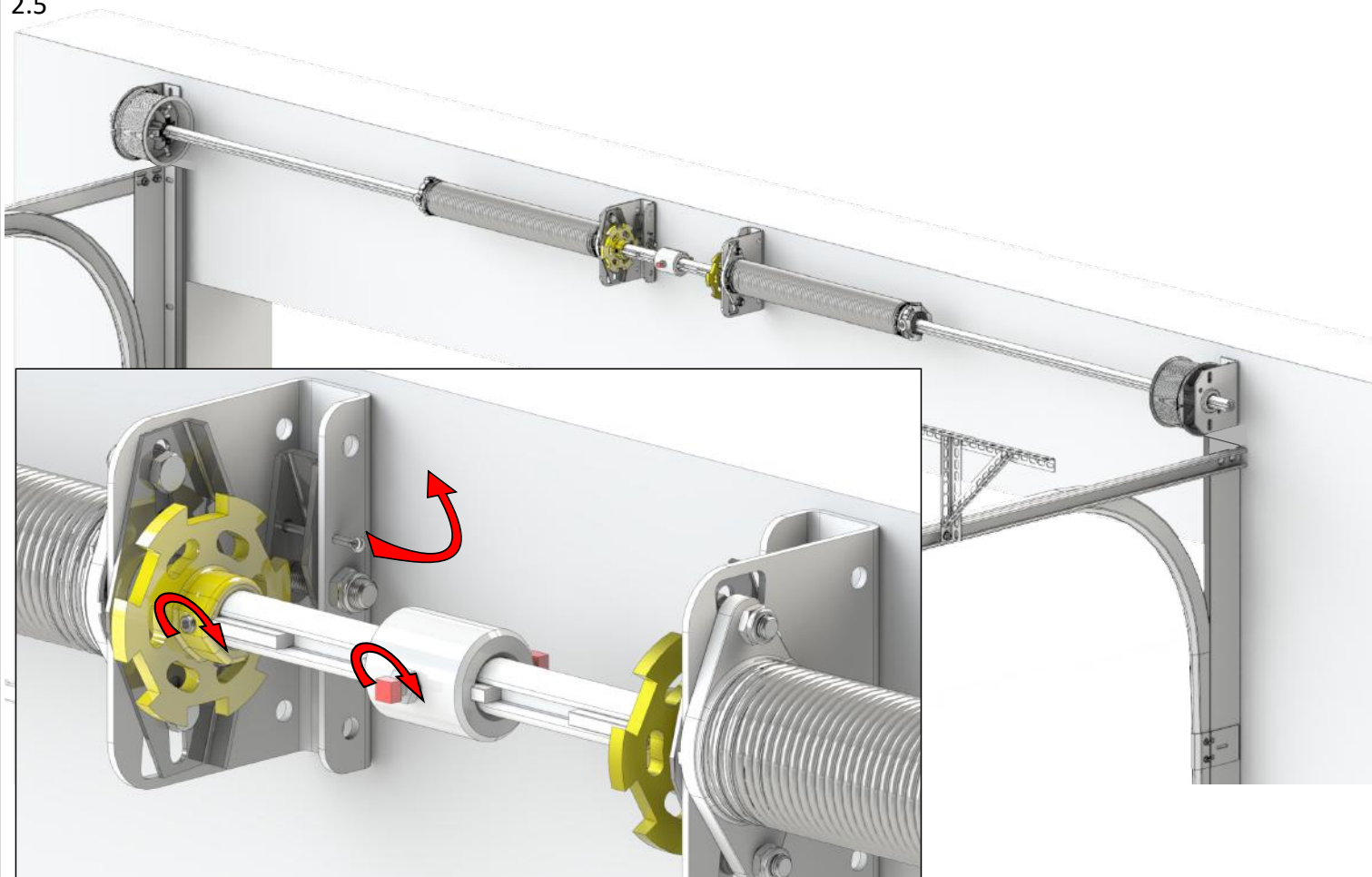
2.3



2.4

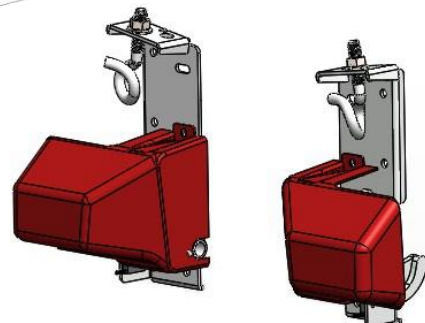
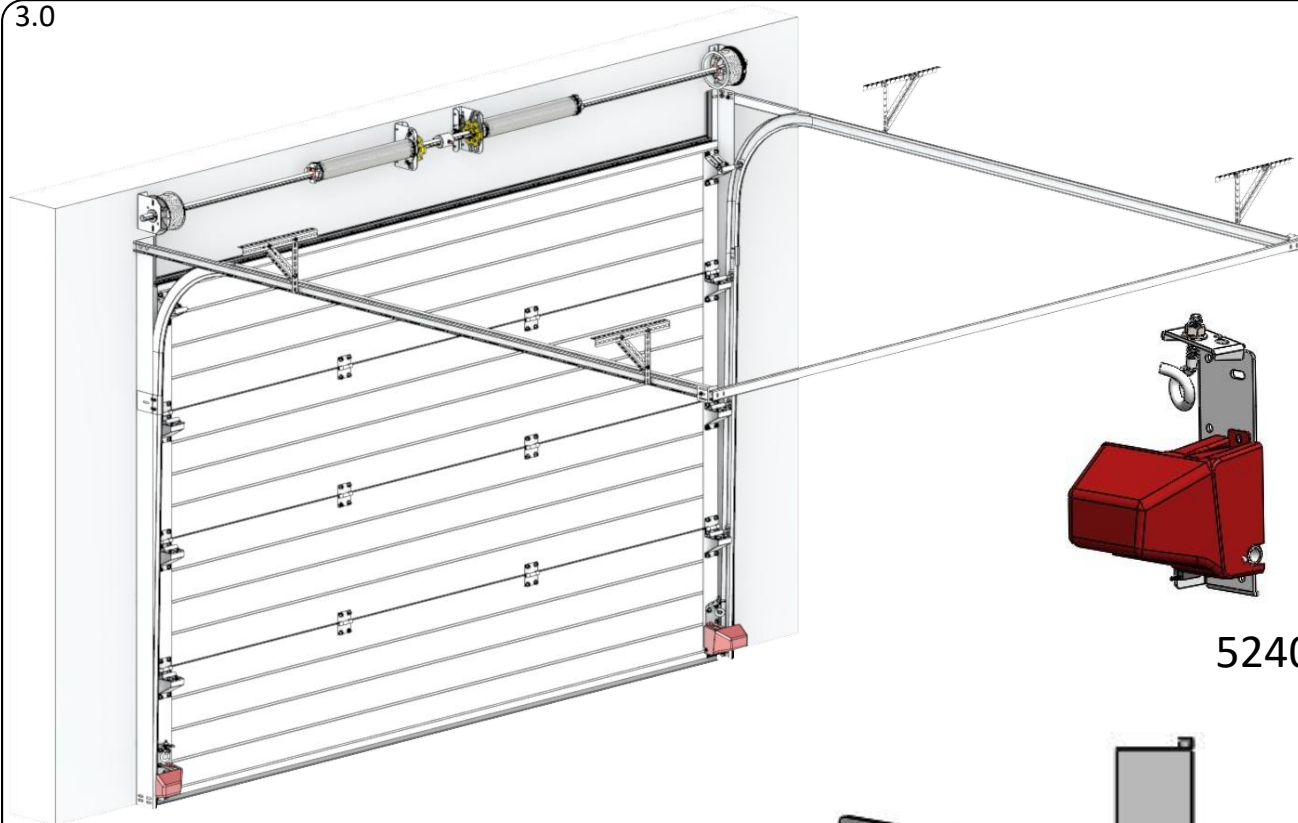


2.5

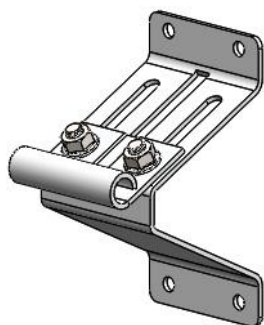




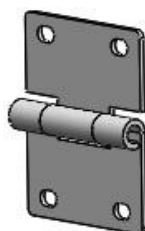
3.0



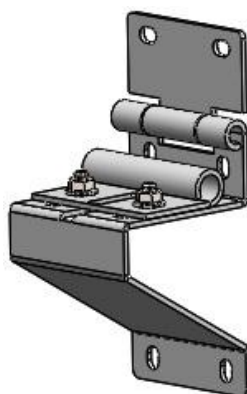
524092



4301



422570..M



422570..



450777



6325



INDUSTRIAL PANEL



54119



3103



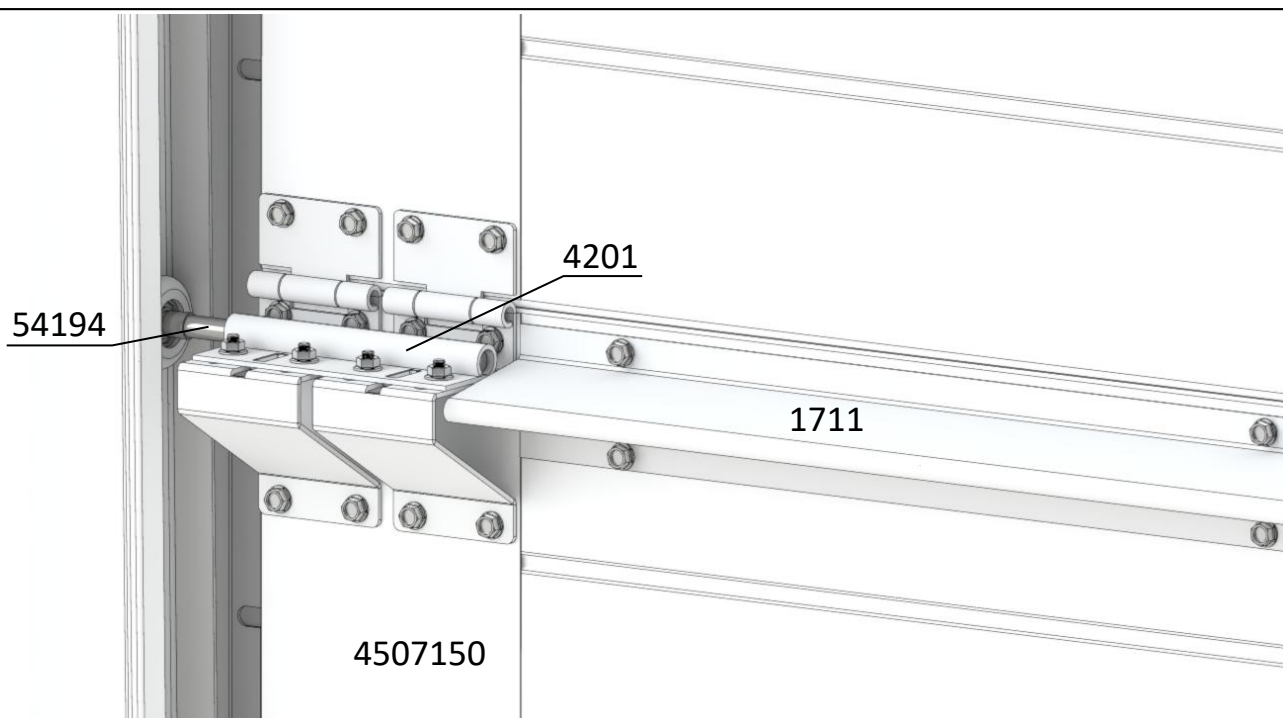
2002



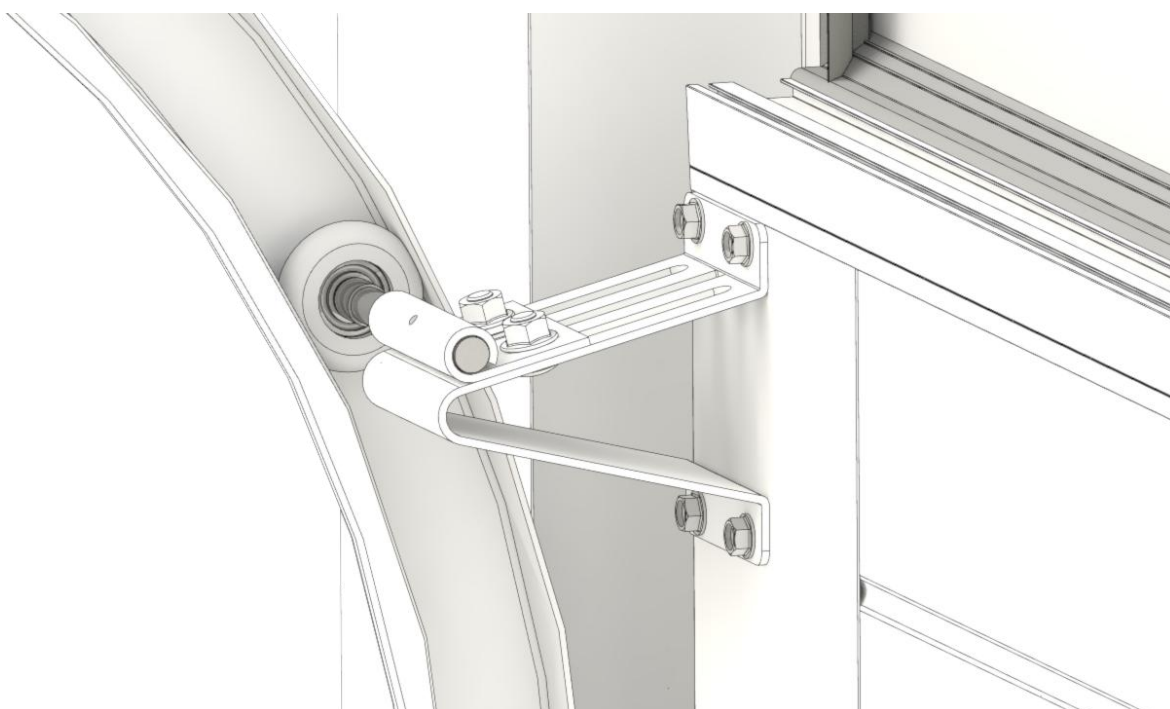
3101



60..



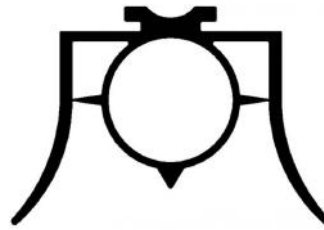
if the door exceeds a width of 4500mm, double hinges are used roller holder 4201 mounted on double end caps 4507150, longer roller 54194, and strengthening panels with strut profiles 1711



it is possible to use the longer top bracket 4301-105



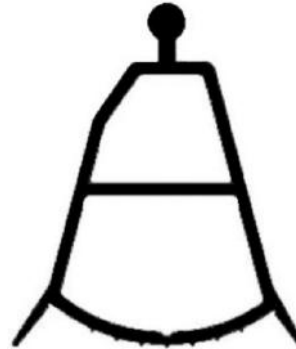
- 3102



- 3105



- 3103



- 3106-EP

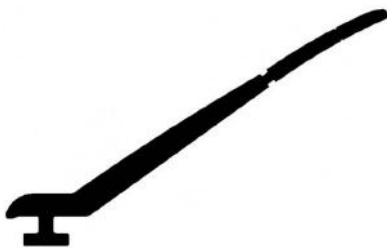


- 3107



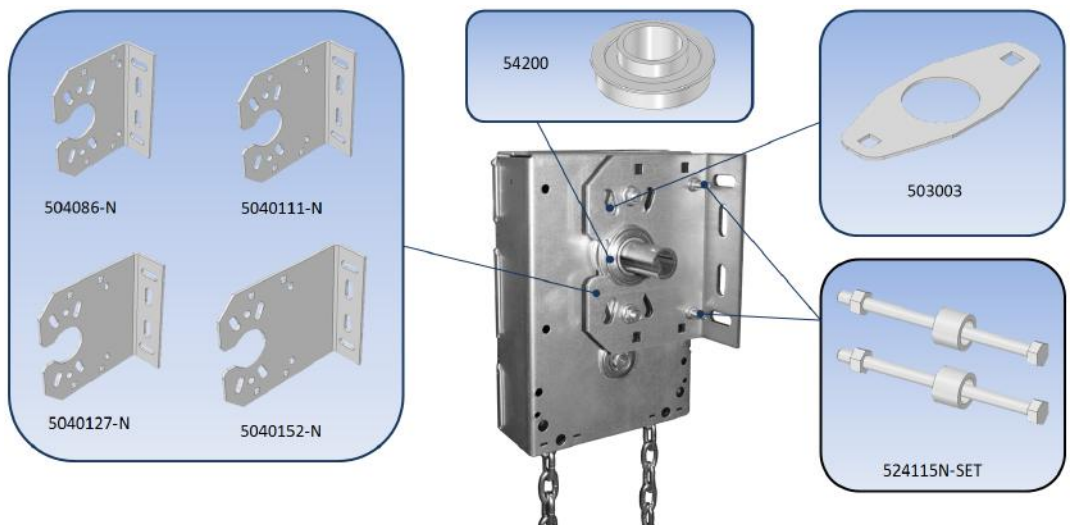
- 3104-E

## Types of bottom seals



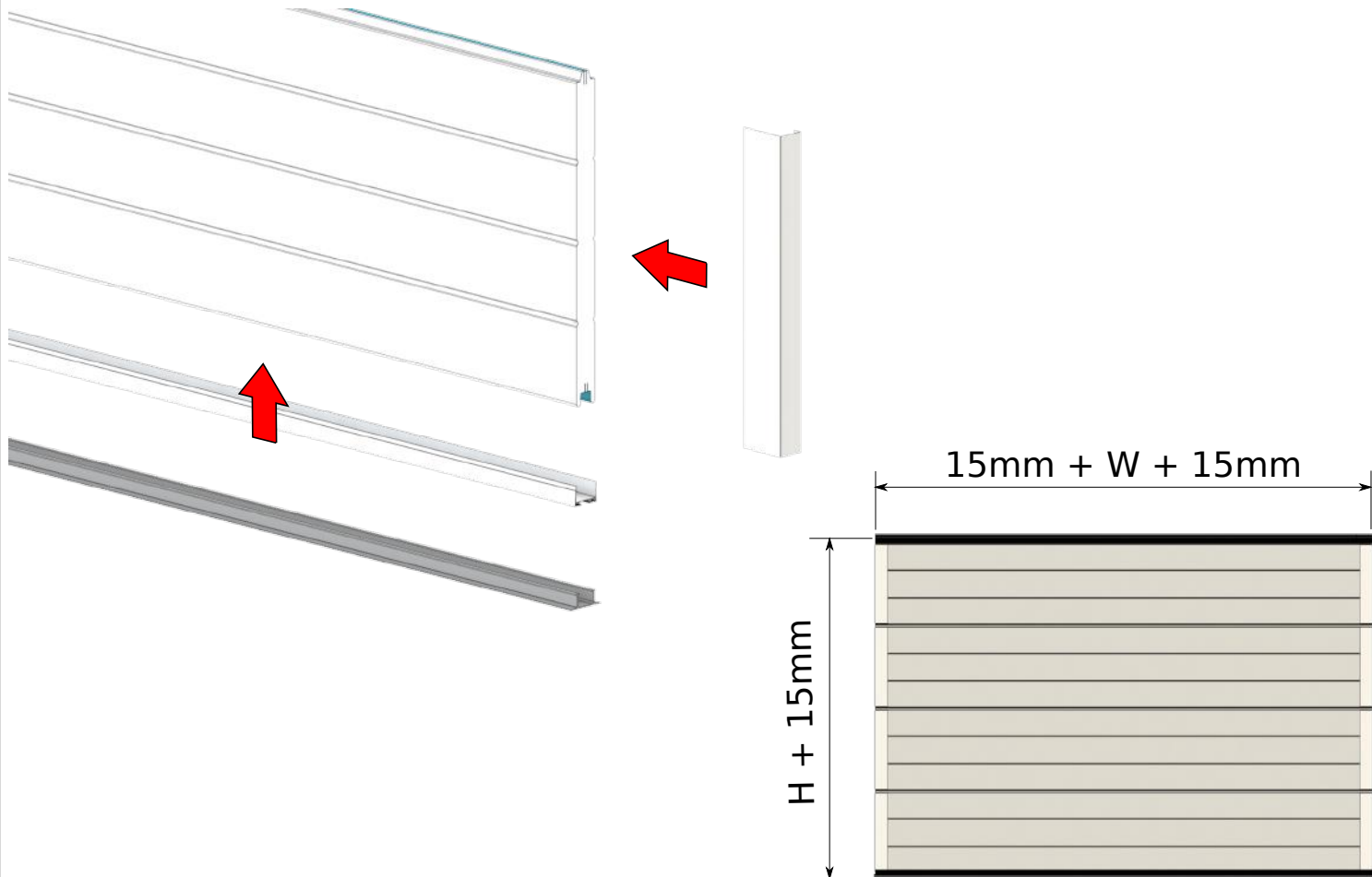
- 3101

Top seal

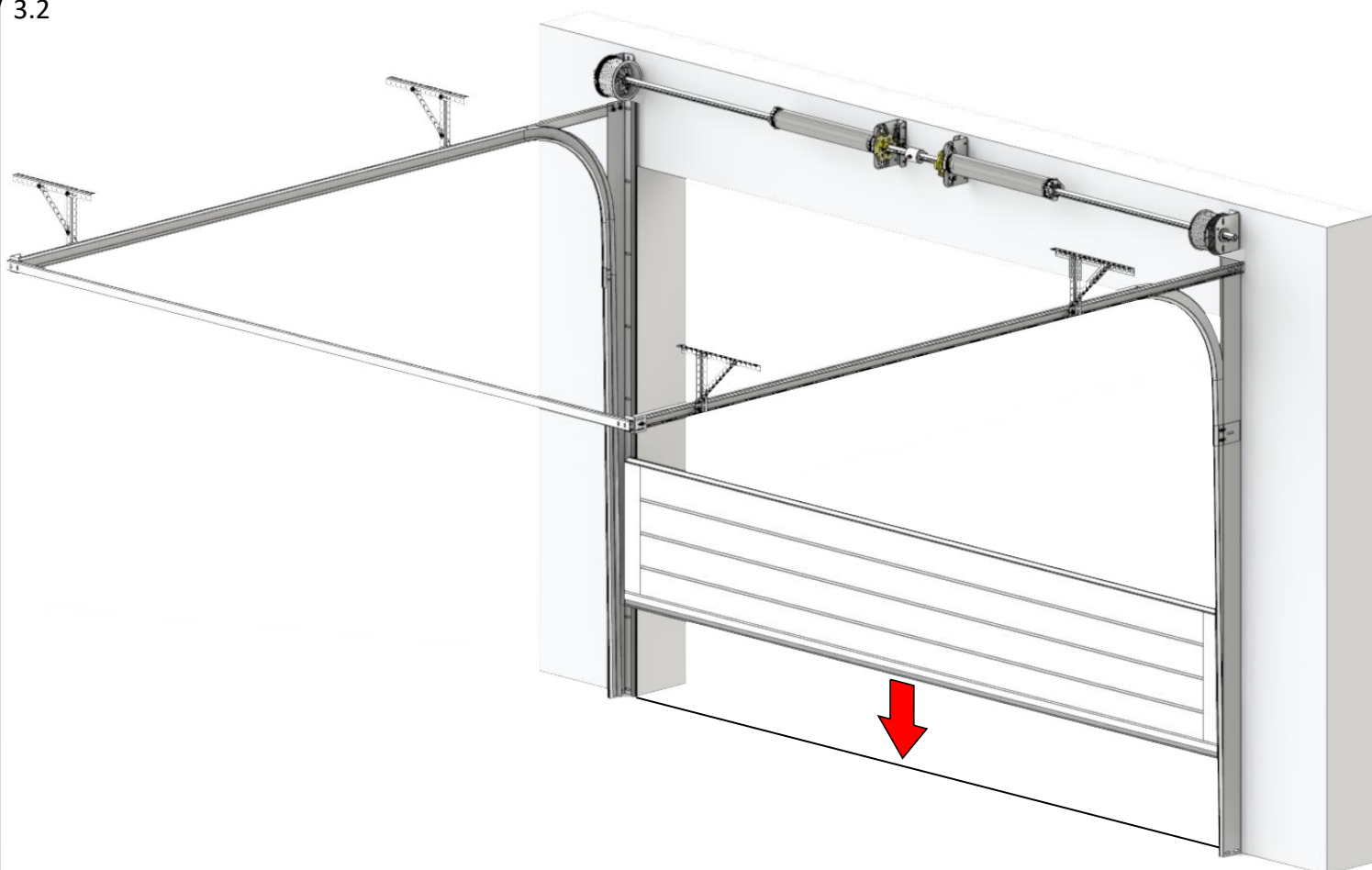


reducer for manual opening with accerssories

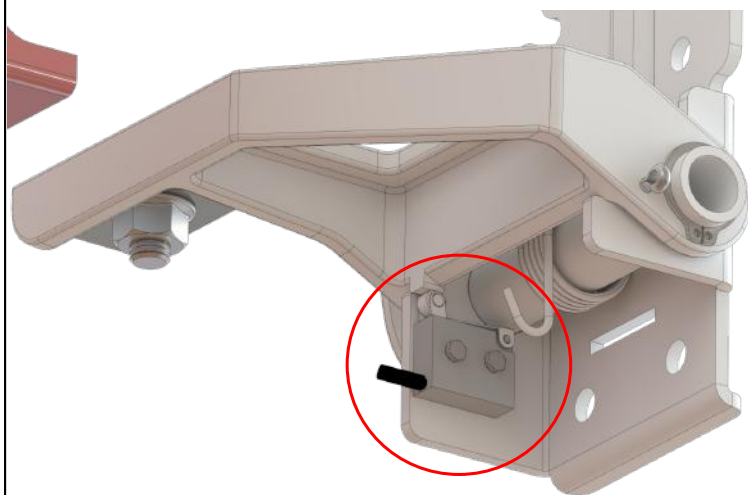
3.1



3.2

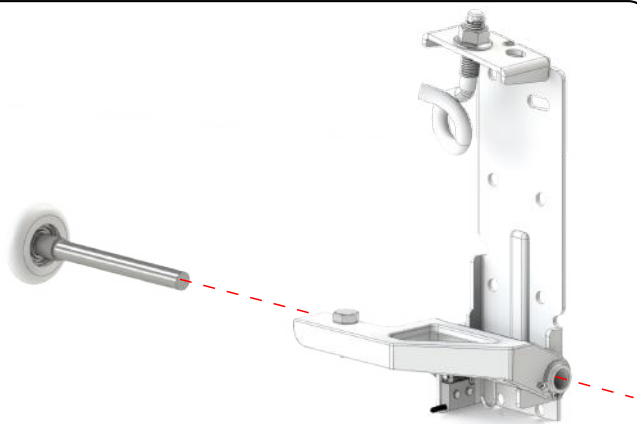


# OPTION

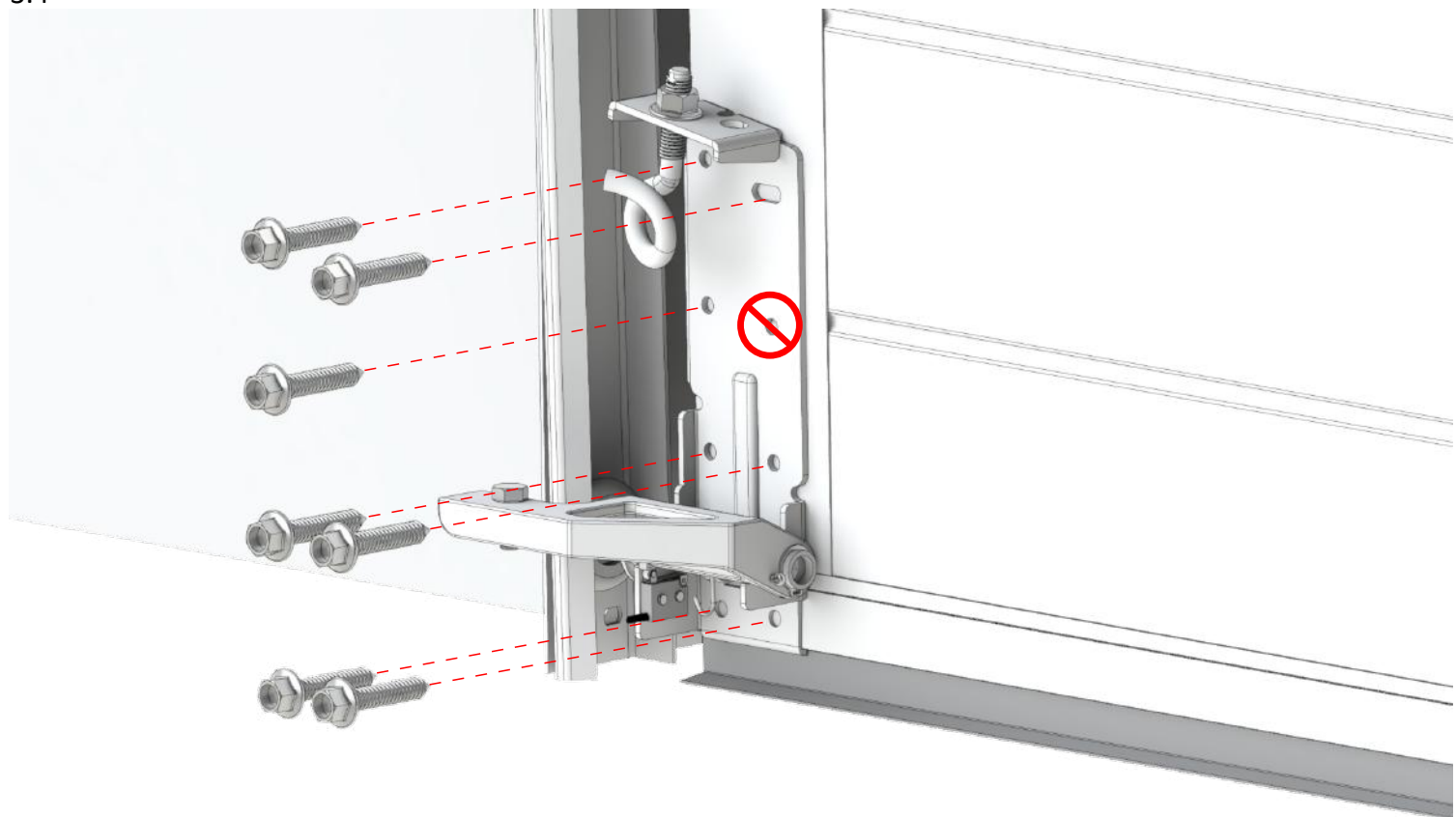


the option of installing a contactor  
disconnecting the drive

3.3

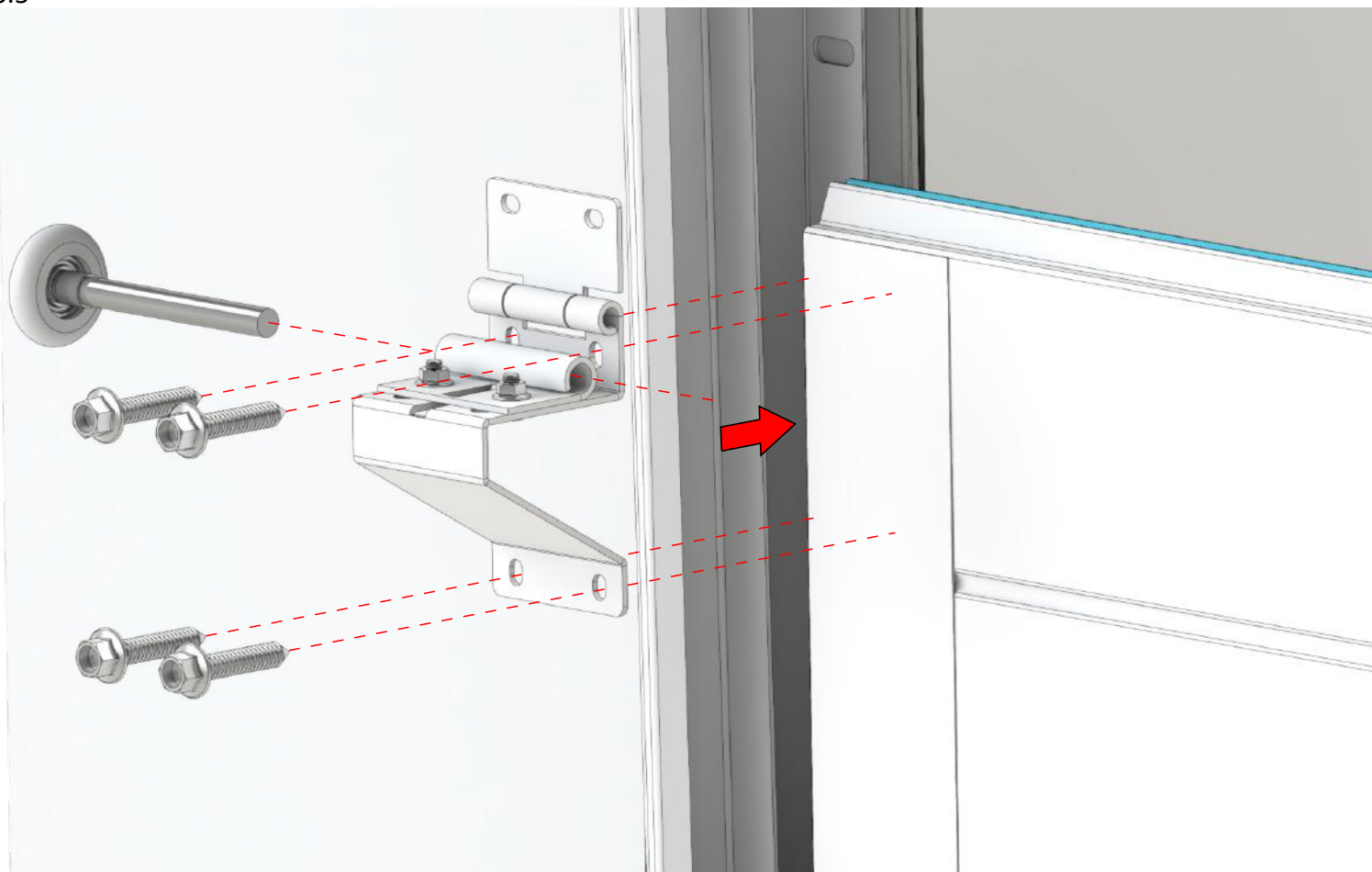


3.4



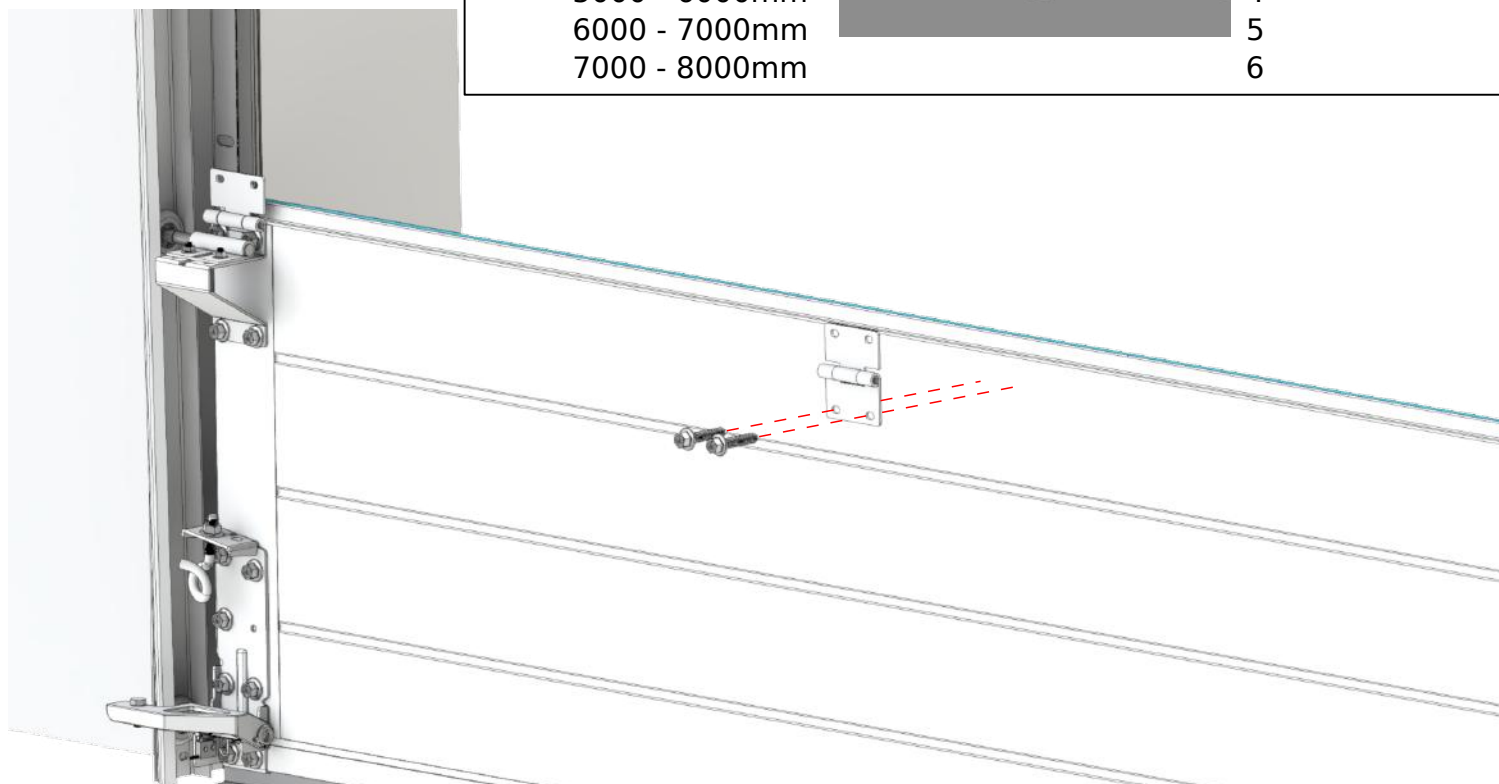
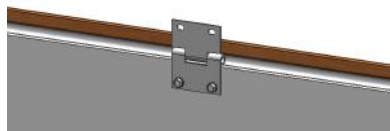


3.5

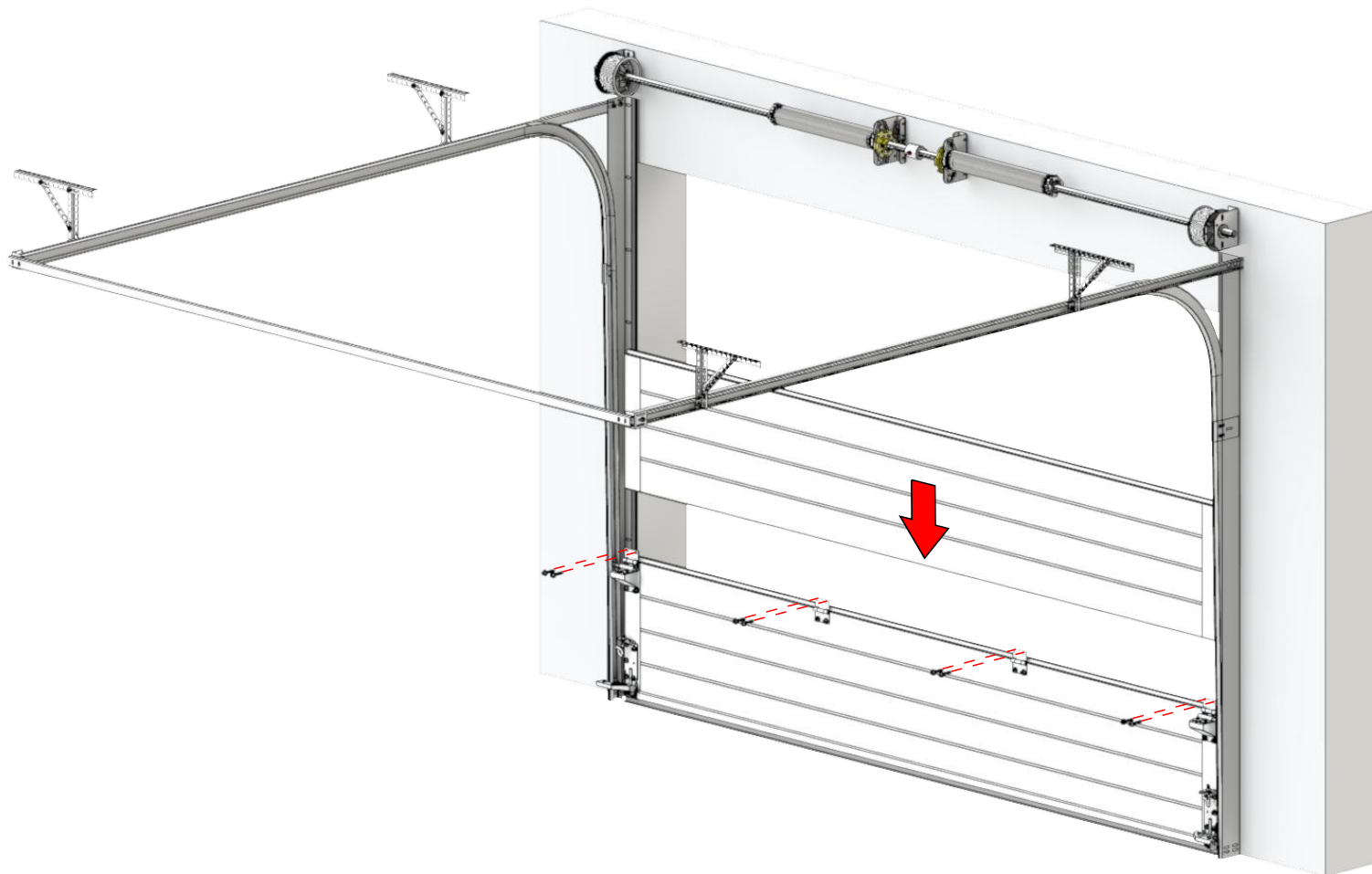


3.6

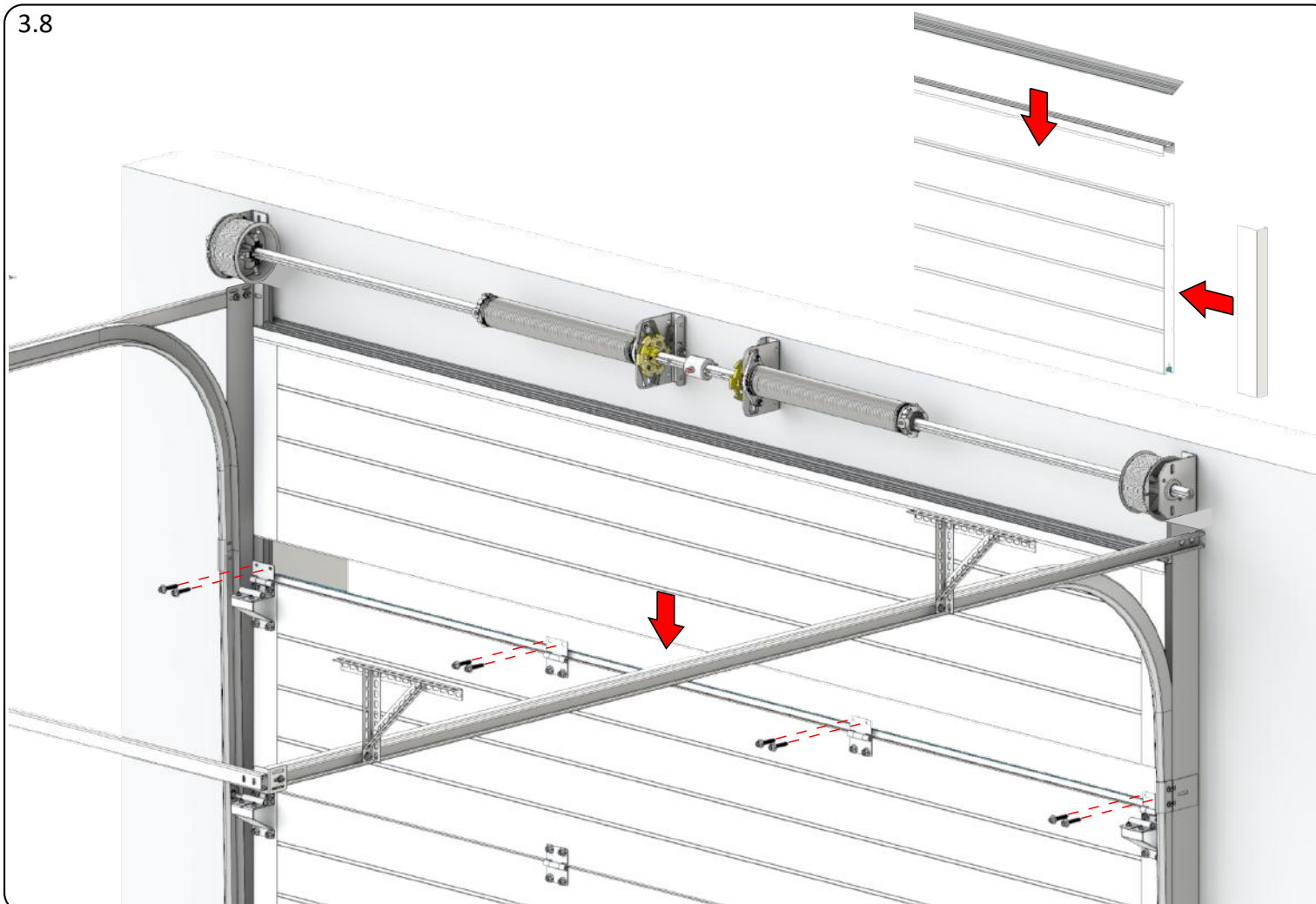
<b>W</b>	<b>Middle hinges number of</b>
0 - 2750mm	1
2750 - 4000mm	2
4000 - 5000mm	3
5000 - 6000mm	4
6000 - 7000mm	5
7000 - 8000mm	6



3.7

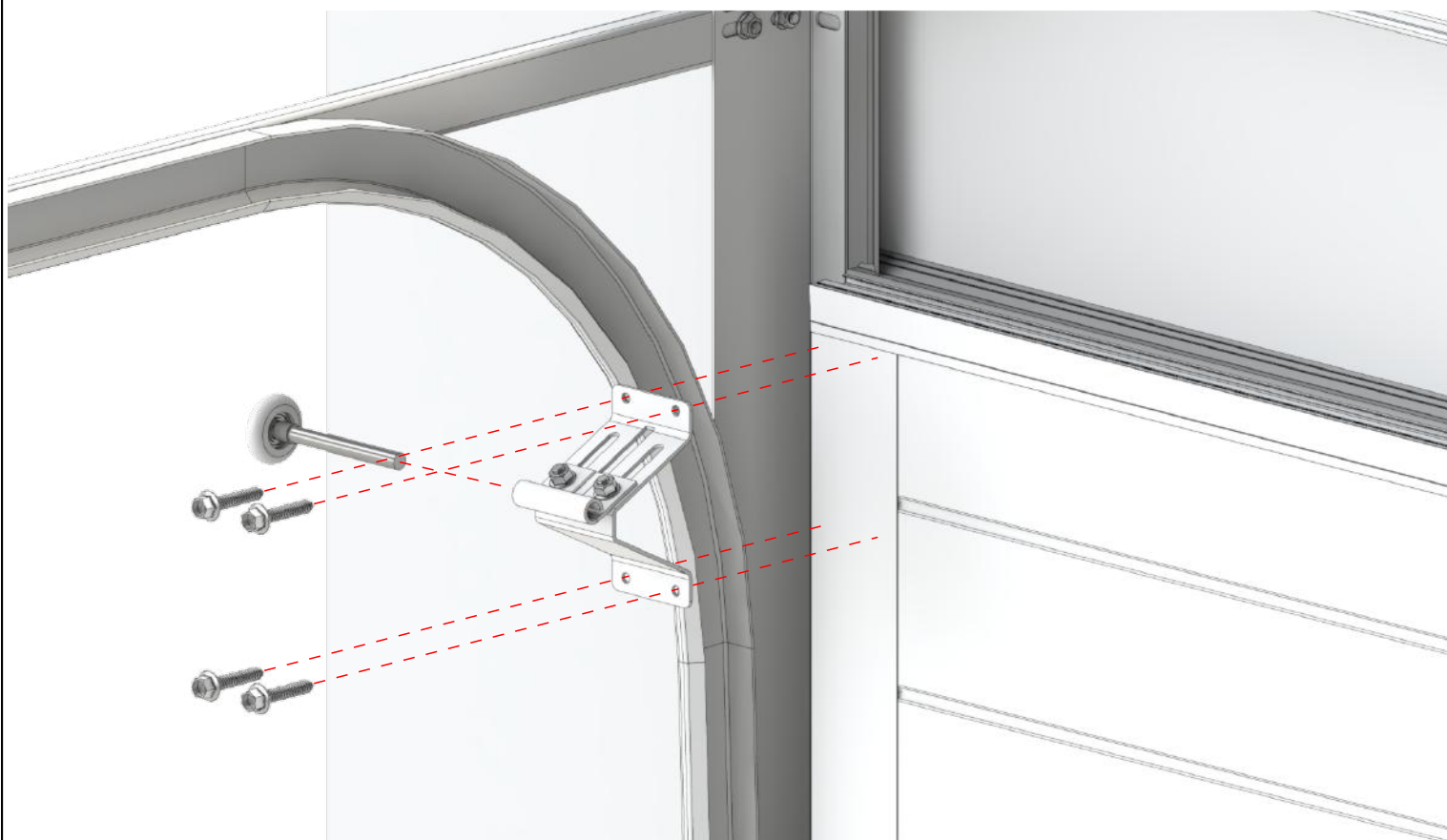


3.8





3.9

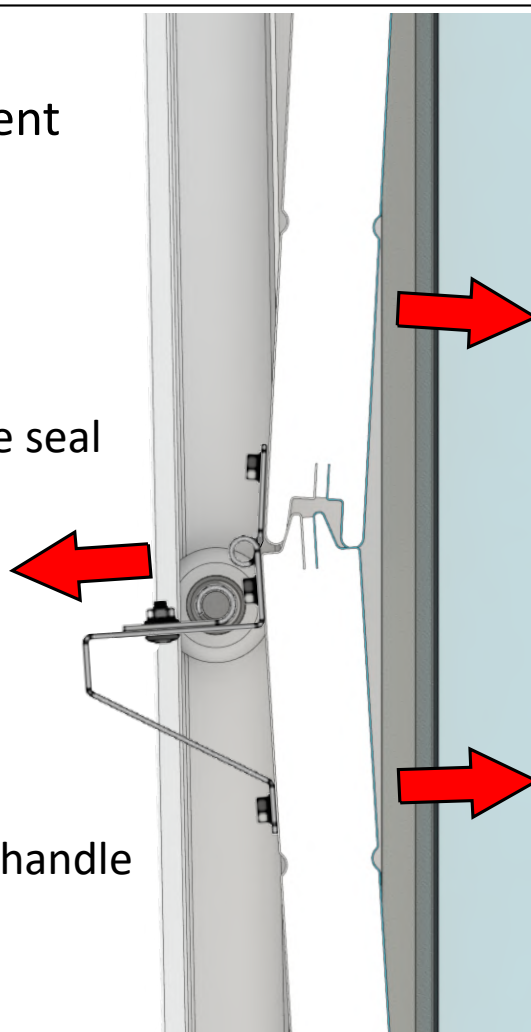


## Panel settings adjustment

-push the panels against the seal

-retract the roll holder

-tighten the screws on the handle





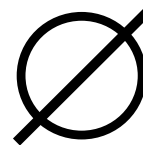
4012 SL



Ø max 4mm



6030



3mm



166kg

4018 SL

Ø max 5mm

6040

4mm

295kg

6050

5mm

463kg

4032 SL

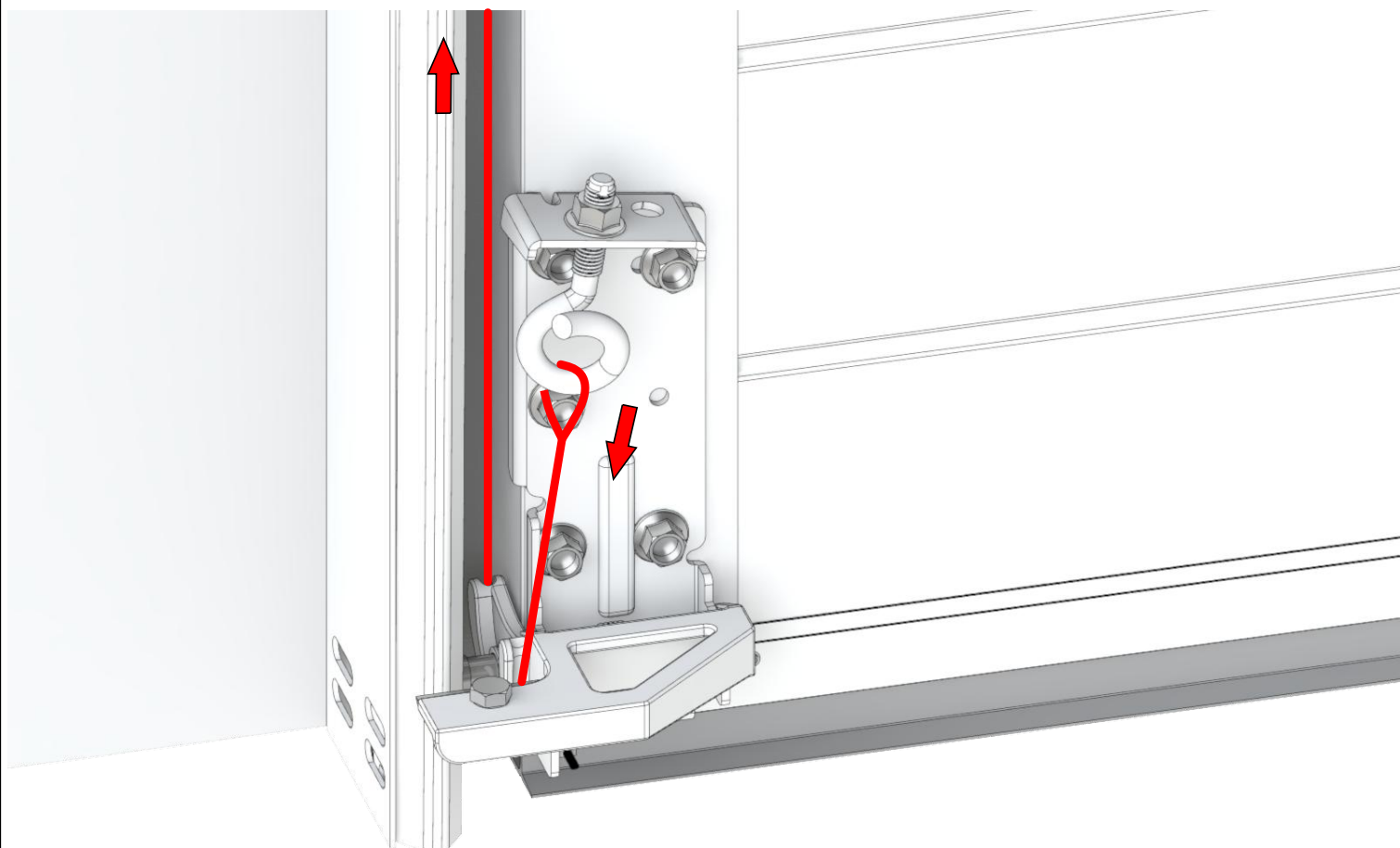
Ø max 6mm

6060

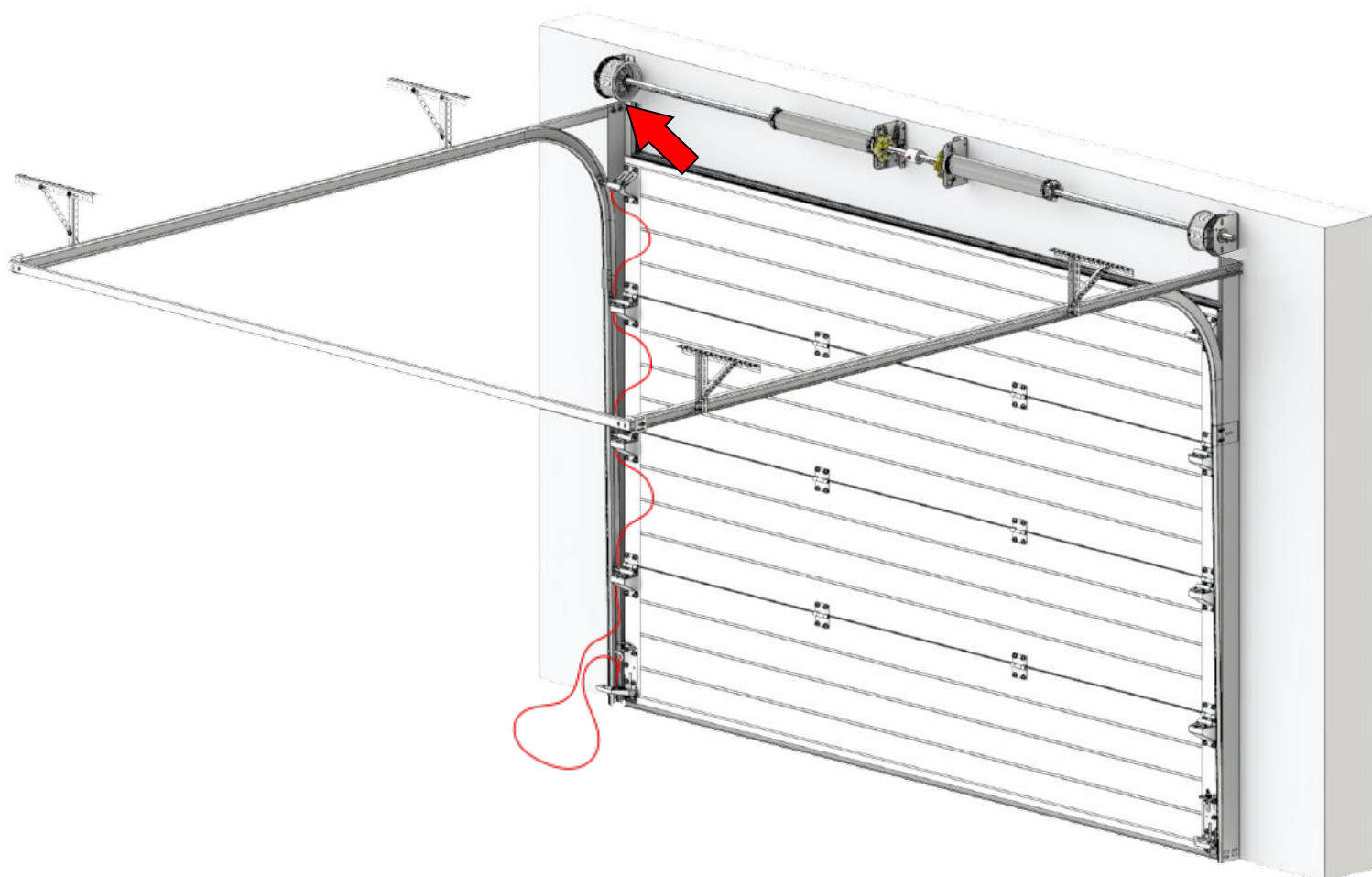
6mm

666kg

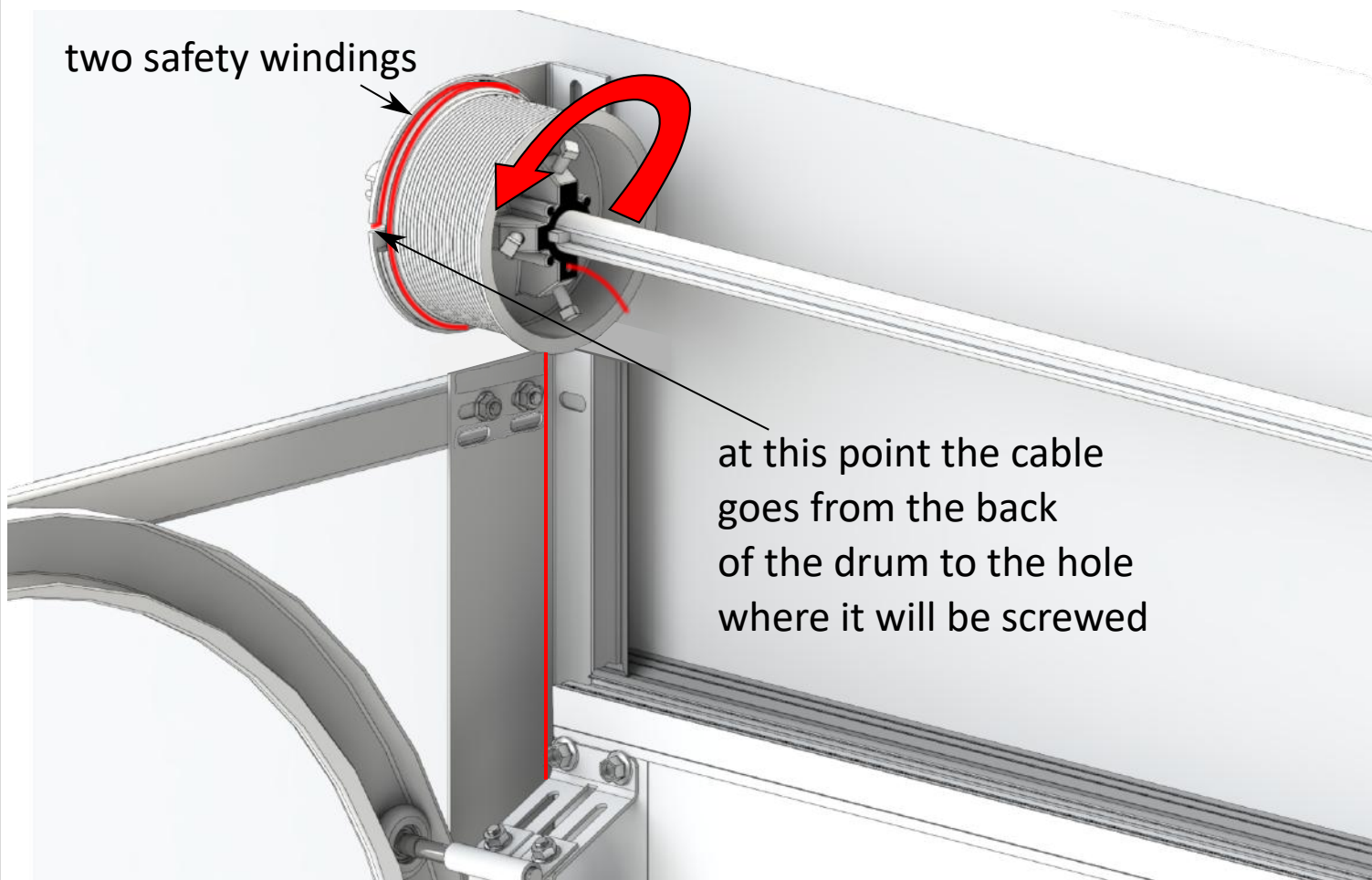
3.10



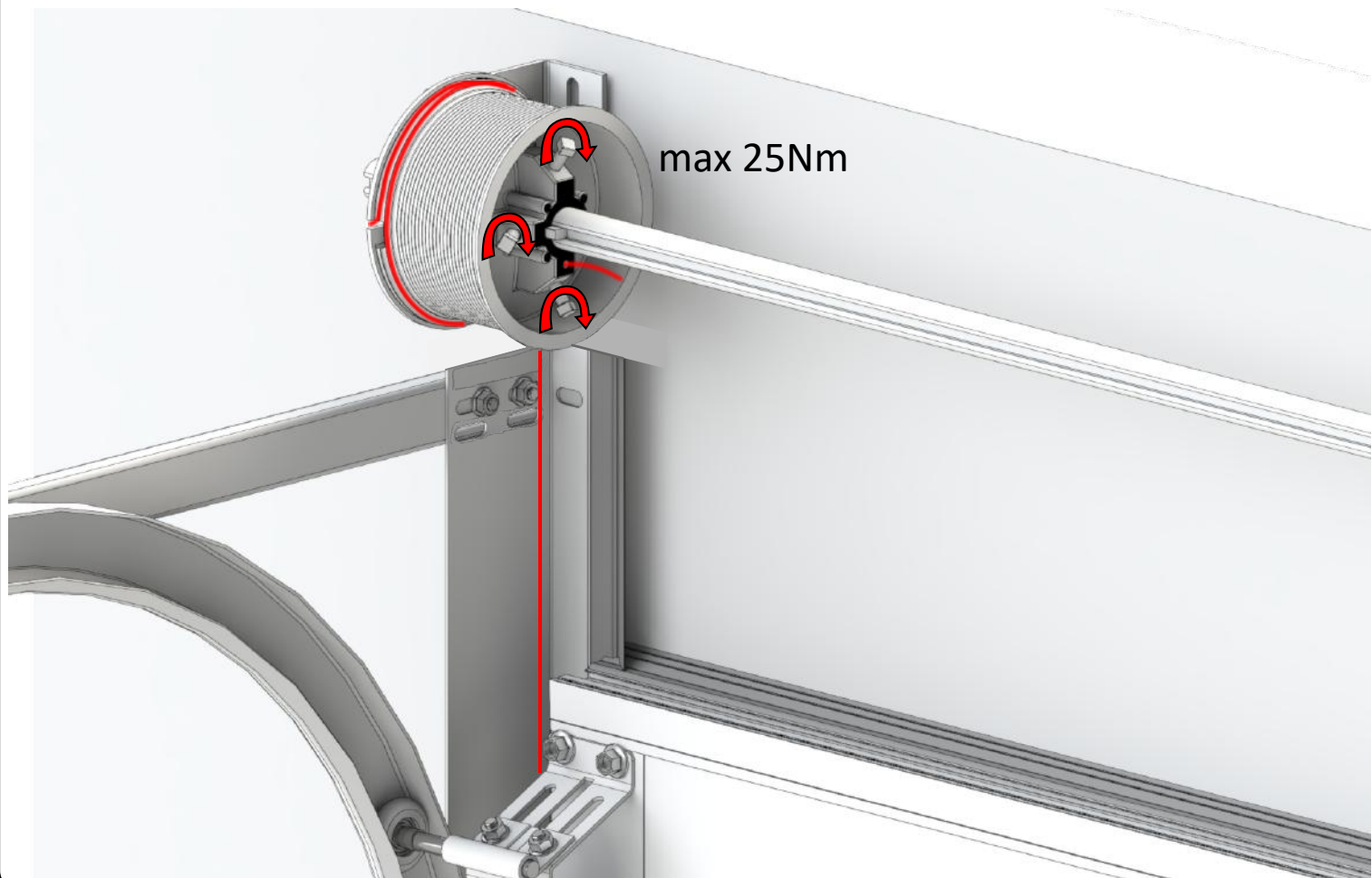
3.11



3.12

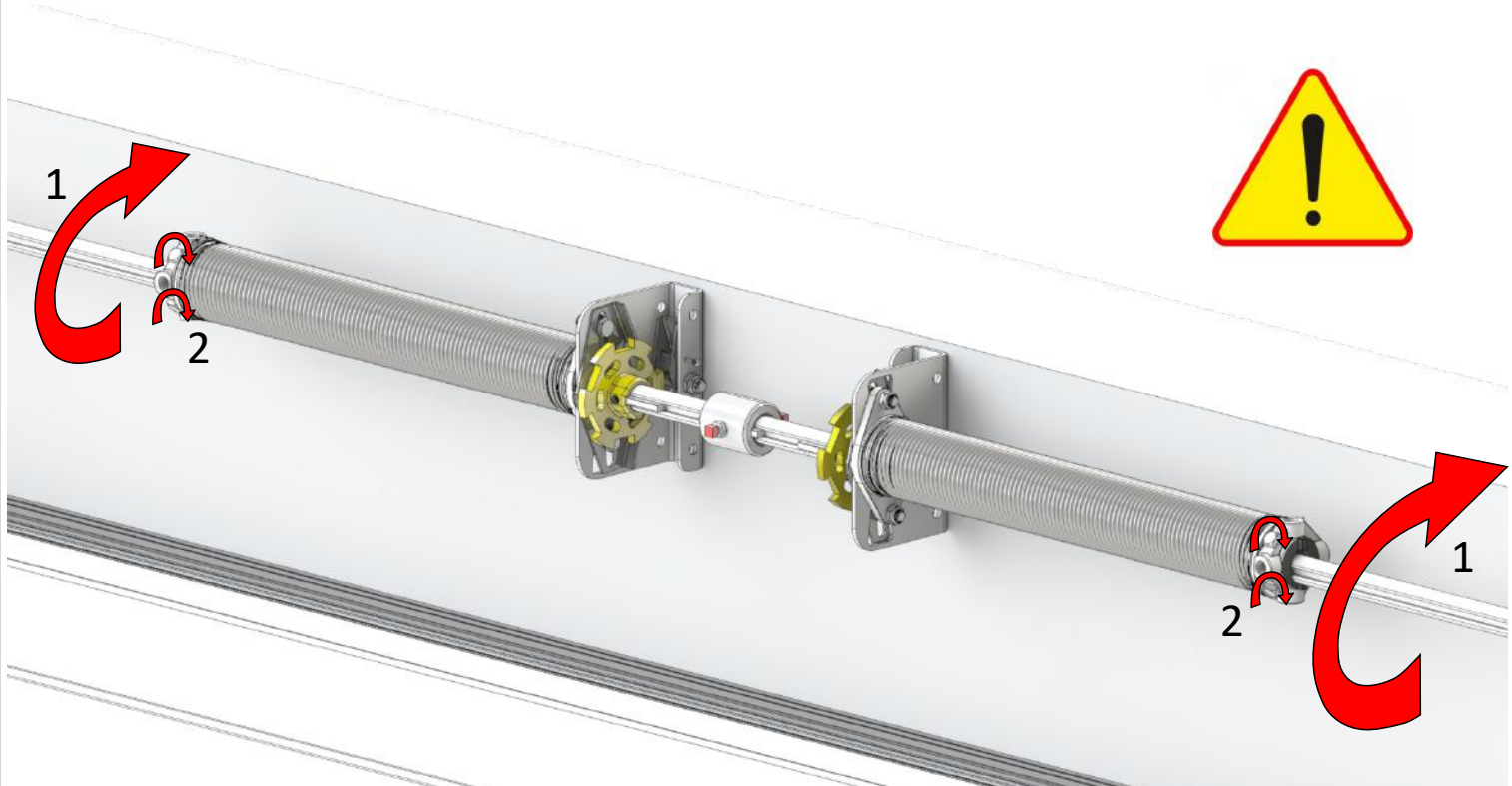


3.13



3.14

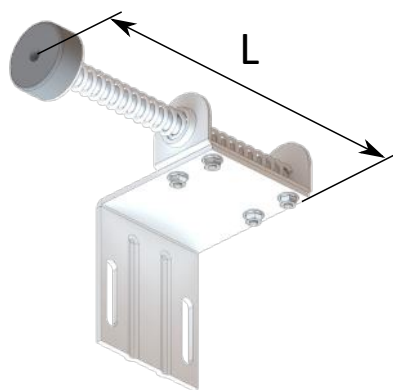
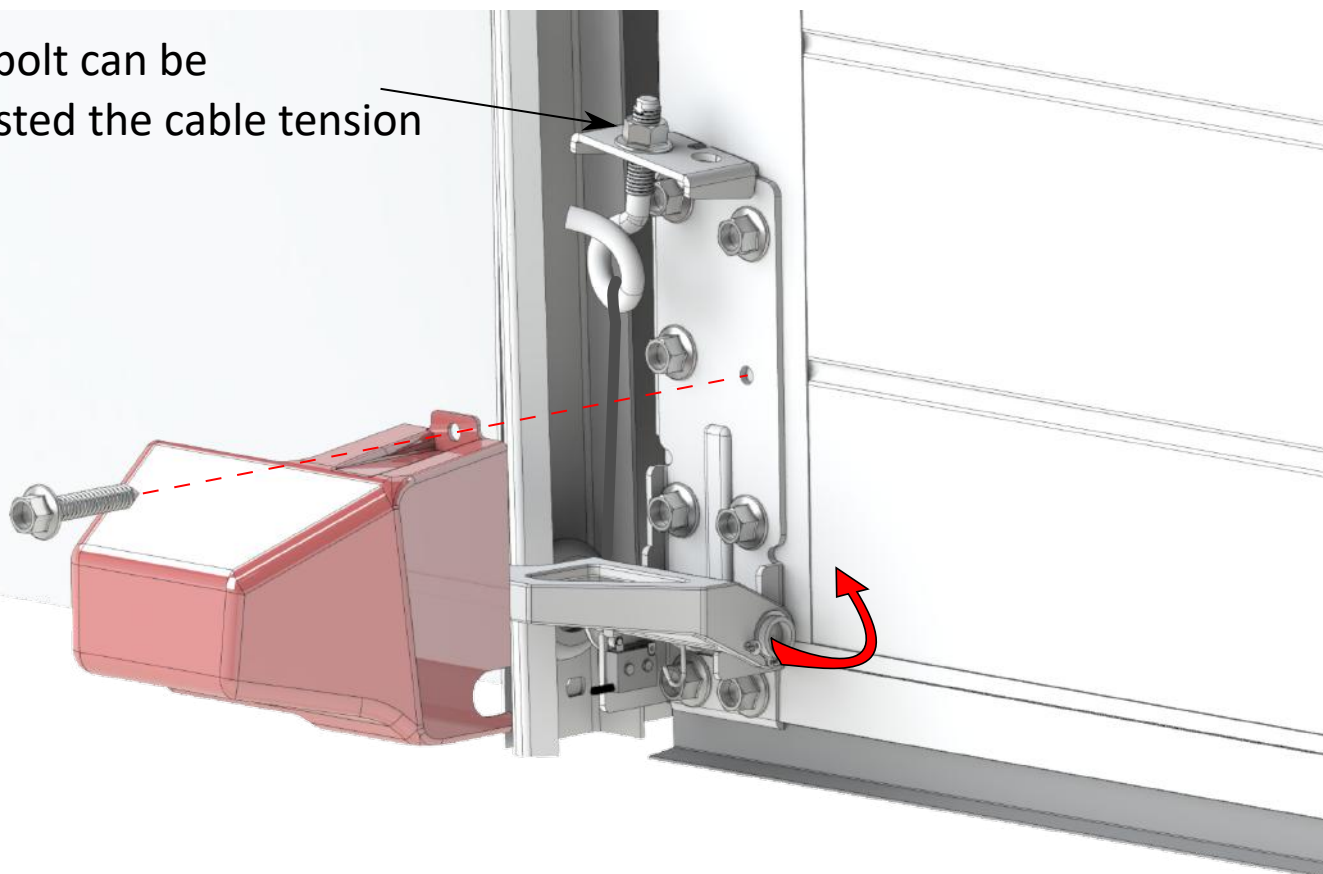
1. we wind up the springs according to the number of turns from the calculator on the website [www.pasedo.pl](http://www.pasedo.pl)
2. we tighten the bolts on the spring fittings



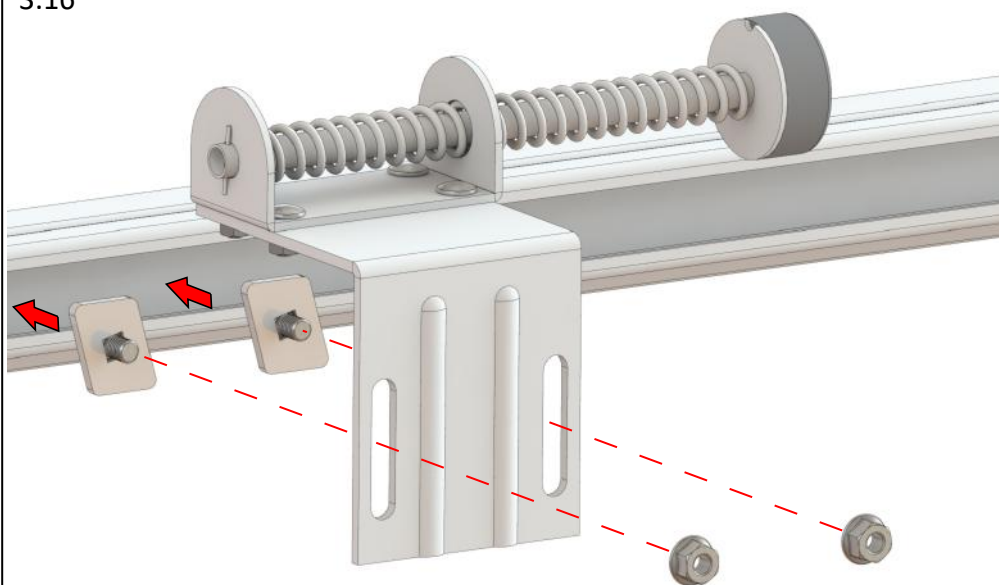


3.15

this bolt can be  
adjusted the cable tension



3.16



55-230 L=230mm

55-480 L=480mm

55-680 L=680mm

