



GREENHOUSE INSTALLATION INSTRUCTIONS

FOR SOLARA AND ECLIPSE

by **PRIMEHORT**

www.toriumglasshouses.co.nz

Congratulations!

Thank you for purchasing a quality greenhouse, we trust your investment into gardening and outdoor living will return years of enjoyment!

Assembly

The steps for assembling this greenhouse are carefully laid-out in this manual, however the setup of any greenhouse can be complex. If you do not wish to assemble the greenhouse yourself, we recommend you engage a qualified installer. Contact our team for recommendations.

Important!

Please build the greenhouse according to the steps in this manual. Do not open all boxes at the same time. There are multiple parts, and we strongly recommend you check all parts have been included - please refer to the Parts List for each section. If there are any missing parts or damages, please contact us and we will arrange a replacement. There may be scratches or marks on aluminium-coloured greenhouses due to the production process, if you have any questions on this, please contact us.

Safety Advice

The greenhouse should be built in an area that is protected from wind and it should not be assembled in turbulent weather. It should also not be left partly assembled and at risk of exposure to poor weather. When built in accordance to the instructions, it can withstand strong winds, however you need to safeguard the doors and windows during violent storms. The manufacturer will not take responsibility for damages due to extreme weather conditions. If there is more than 10cm of snow on the roof, you need to remove the snow. Do not start a fire in the greenhouse! Assemble the greenhouse using safe tools only. When using a ladder, ensure it stands

safely on the ground (not propped against the greenhouse). Please use gloves when assembling the greenhouse to prevent cuts or injury. This greenhouse is designed to be installed in one place only (and not moved once assembled). Make sure it is anchored to the ground in accordance to the regulations.



Warning!!!
Risk of injury/death for
infants and children



Due to a risk of choking, please do not let children play with the packaging. During assembly of the greenhouse there will be many small pieces and sharp edges, so please make sure children stay within a safe distance. The product is not a climbing frame or playground, so children should be supervised. Do not stand on the greenhouse or pull yourself up using it as a support because it could collapse or fall. Ensure the product stands on solid ground. By disregarding this advice, there might be injuries or material damages.

Required Tools

For construction, you will need the following tools:

- 1 x cross-slotted screwdrivers PH 2
- 1 x fork wrench 10mm
- 1 x slotted screwdriver
- 1 x allen key 3mm (in the accessory bag for roof window)
- 1 x file
- 1 x ladder
- 1 x spirit level
- 1 x mallet
- 1 x measuring tape
- 1 x scissors/knife
- 1 x drill

Identification of Profiles

1. Examine the cross-section to determine the profile shape.
2. Measure the dimensions to ensure accuracy.

Glazing Information

To avoid the plates getting scratched or damaged, do not tear off the foil right after unpacking.

The ISO-hollow-chamber-plates do always have two sides. One has UV-protection, which is stated on the plates. This is the outside.

Only remove the foil from the edges of the plates before assembling the greenhouse. Once assembly is complete, remove the remaining foil. Keep the plates protected from direct sunlight, as the foil may fuse to the surface, causing permanent marks and making it difficult to remove.

Use as Intended

Your greenhouse is designed specifically for gardening and plant cultivation. It is not suitable for storing chemicals, flammable substances, or other hazardous materials. Misuse may result in damage or safety risks, and we cannot accept liability for improper use.

Seals

Most wedge seals are supplied in double strands. Simply pull them apart to separate them into individual seals. Due to the effects of heat during manufacturing, the seals may expand slightly. To ensure a proper fit, cut the seals according to the following formula:

Door profile length $\times$ 5% addition = Final seal length
Example: 748 mm $\times$ 1.05 = 785mm

When installing, make sure the seals are properly compressed for a secure fit.

Location

To maximise light exposure and ample northern sunlight, choose a sunny location that isn't too shaded by buildings and trees. For vegetables, such as tomatoes, cucumbers, align your greenhouse

in an east-west orientation to maximise sunlight exposure during the cooler months and provide more consistent warmth. Flowers and pot-plants prefer a north-south orientation.

Water and Condensation

During heavy rain or storms, some leaks may occur. Additionally, condensation can form inside the greenhouse or within the hollow-chamber plates. This happens because the plates are not completely diffusion-proof, allowing humidity to enter as vapor, which may cause a foggy appearance. This is purely an optical effect and does not damage the plates, even in freezing conditions.

To minimise condensation choose the right location for your greenhouse and ensure regular ventilation to improve airflow.

Any water that accumulates inside the plates can drain through the plastic corner connectors. It is important to ensure proper drainage both inside and outside the greenhouse.

Care – Maintenance

- Use soft brushes and plenty of water to clean the greenhouse. Avoid using high-pressure cleaners, as they may cause damage.
- For heavier dirt, use mild soap rather than harsh chemicals like bleach, ammonia, or alkaline cleaners. Always follow the manufacturer's instructions when using cleaning products.
- We are not liable for any damage caused by unsuitable cleaners on aluminium or painted surfaces.
- Check screws, nuts, and bolts periodically and ensure they are tightened and lubricated regularly to maintain structural integrity and longevity.

Insurance

Please note that greenhouses may not be automatically covered under standard insurance policies. We recommend checking with your insurance provider to ensure proper coverage.

Sealing

While sealing is not strictly necessary, we strongly recommend sealing the joints between the profiles and plates to prevent water and dirt from entering. This helps keep your greenhouse cleaner for longer and makes maintenance easier.

- Use neutral cross-linked silicone for sealing.
- Permanently elastic sealing joints are considered maintenance joints and are not covered under warranty. They should be inspected regularly.

Attention: For sealing, you do have to use neutral cross-linked silicone, because otherwise your hollow-chamber plates might crack out of tension. A sealant cartridge is included in the package.

Disclaimer

We are not liable for damages to elements, people, or property caused by unintended use of this product or failure to follow safety instructions. PrimeHort Distributors Limited does not accept liability for objects stored inside the greenhouse. The end-user is responsible for ensuring the safety of the contents. Additionally, the manufacturer is not liable for damages resulting from improper assembly or extreme weather conditions.

Show us your Greenhouse in Action!

We love seeing our products in action. If you'd like to share a photo of your greenhouse, we'd be delighted to receive it. Ideally, please send digital images to: sales@toriumglasshouses.co.nz

Thank you for your support—we look forward to seeing your homegrown creations!

Symbols chart

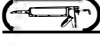
	Cut gasket to miter fitting
	View from the inside
	View from the outside
	Number of repeating steps
	Pay attention for perpendicularity!
	Turn view
	Is included in the delivery of the component!
	Depth of slit
	Remove component!
	Simplified view
	Turn component
	Applies only to type II: Installation of the roof window only at the front right or rear left!!
	Use silicone! (Processing instructions from the manufacturer on the cartridge must be observed!)

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Solara/Eclipse

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Solara/Eclipse

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Foundation

Optional Extra – contact us for pricing information.

fig. similar



FOUNDATION A foundation frame for digging (optional)

This is the easiest and safest way of foundation for your house.

Attention:
Do not assamble the frame in the beginning. You need to assamble it, while building the house!

The foundation frame is hooked into the groundprofile and screwed together in the corner using framing angles.

Note:

The foundation frame profiles are shorter than the groundprofiles of the house!

Set up with foundation frame

Dig a ditch, 10-12 cm deep, into the ground. In the edges, put a paving stone horizontally into the ditch, so the house can not subside. After that, you may put your house into the ditch and fill it up with soil.

You may now surface the soil with paving stones or terrace plates, so your house will not be soiled by mud, when it is raining havily.

It also makes it easier to work around the house, for example when you are mowing the lawn.



FOUNDATION B strip foundation

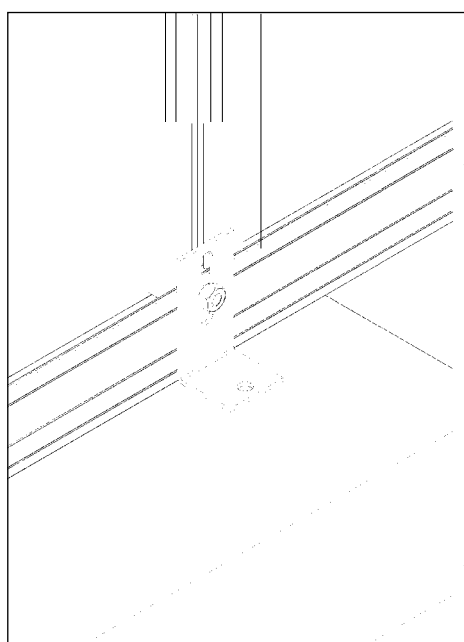
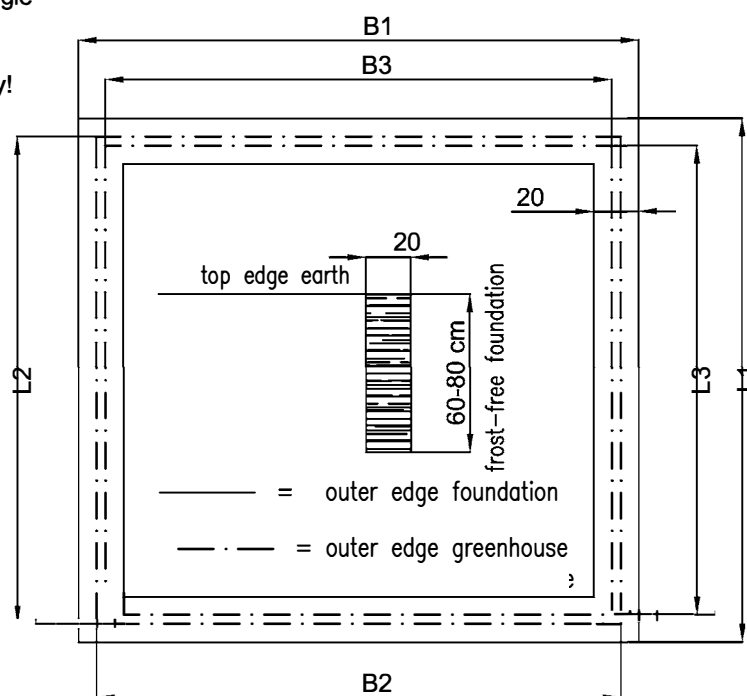
If you did not buy a foundation frame, you need to ground your house on a strip foundation.

Please make sure your foundation is done, like it says in the table below.

Also you have the possibility to do your foundation via kerbs.

Please make sure your foundation is done horizontally
After this you can fasten your house, using the angle of attachment (V15).

Screws and Plugs are not in the scope of supply!

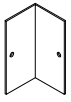


Model	Foundation		Greenhouse			
	B1	L1	B2	L2	B3	L3
Solara Type II	223	223	210	210	198	198
Solara Type III	223	323	210	310	198	298
Solara Type IV	223	423	210	410	198	398
Eclipse Type I	279	223	266	210	255	198
Eclipse Type III	279	323	266	310	255	298
Eclipse Type IV	279	423	266	410	255	398

All data in cm

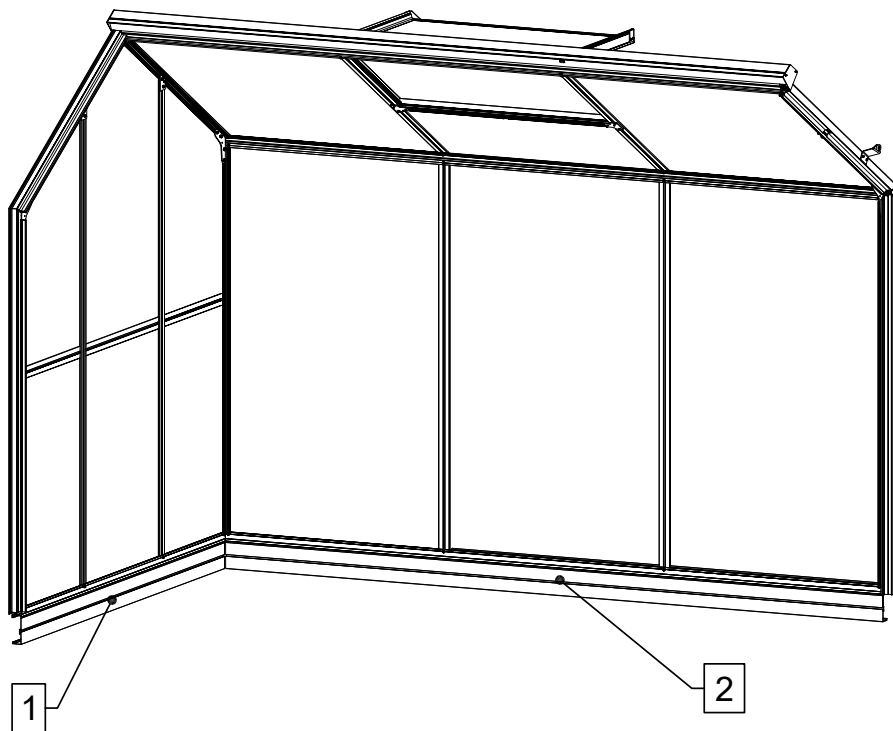
PARTS LIST

Installation of foundation frame Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
1		P083-08-01-00-00-1	Foundation Frame Profile (Gable)	2	Solara: 1980mm Eclipse: 2545mm
2		P083-09-01-00-00-1 P083-10-01-00-00-1	Foundation Frame Profile (Eaves Side)	2 2 2	Typ II: 1980 mm Typ III: 2980 mm Typ IV: 3980 mm
3		9999000078	Foundation Frame Corner Angle	4	105 mm
4		9999001563	Connecting Plate Foundation Frame	Typ 2: 6 Typ 3: 8 Typ 4: 10	109 mm
5		9999000124	Hex Screw M6 x 12	Typ 2: 14 Typ 3: 16 Typ 4: 18	DIN 933
6		9999000128	Hex Nut M6	Typ 2: 14 Typ 3: 16 Typ 4: 18	DIN 934
7					
8					
9					
10					
11					
12					

I

VD

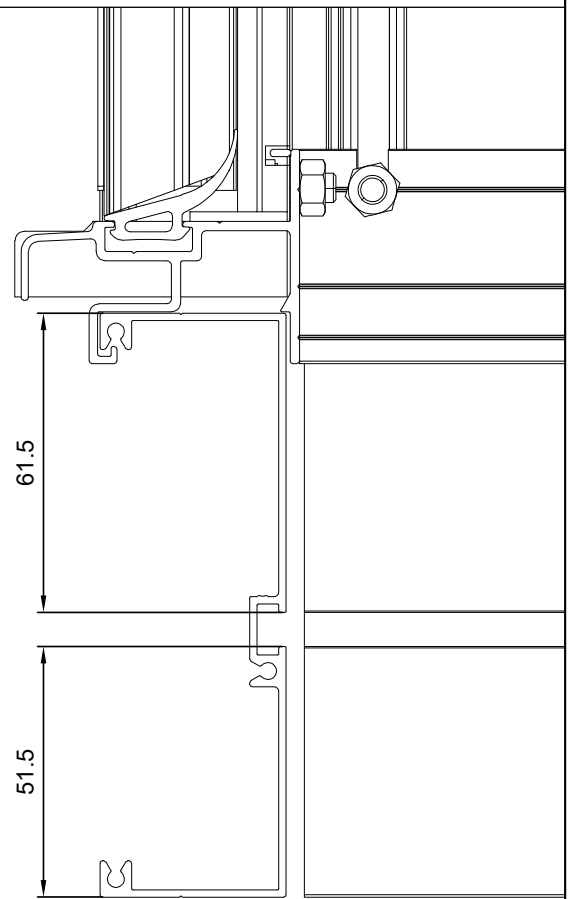
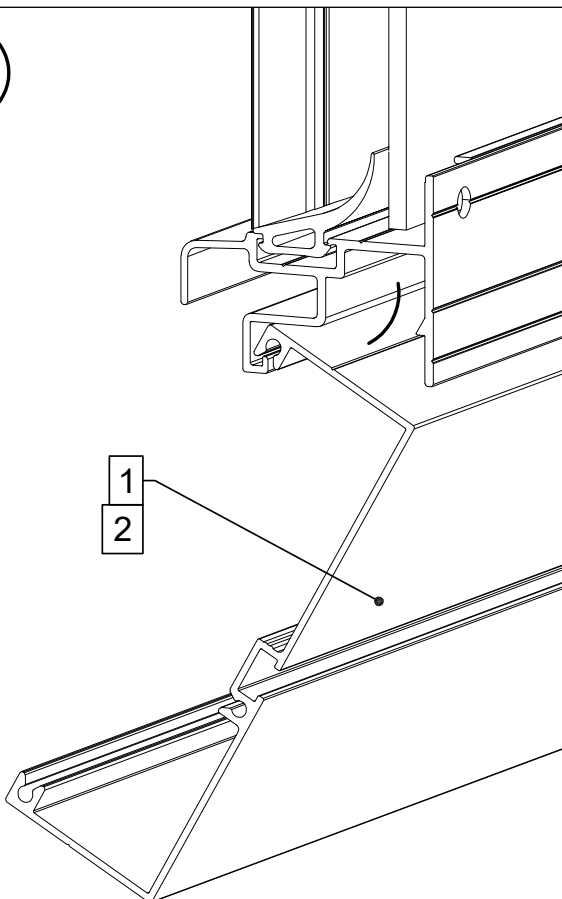


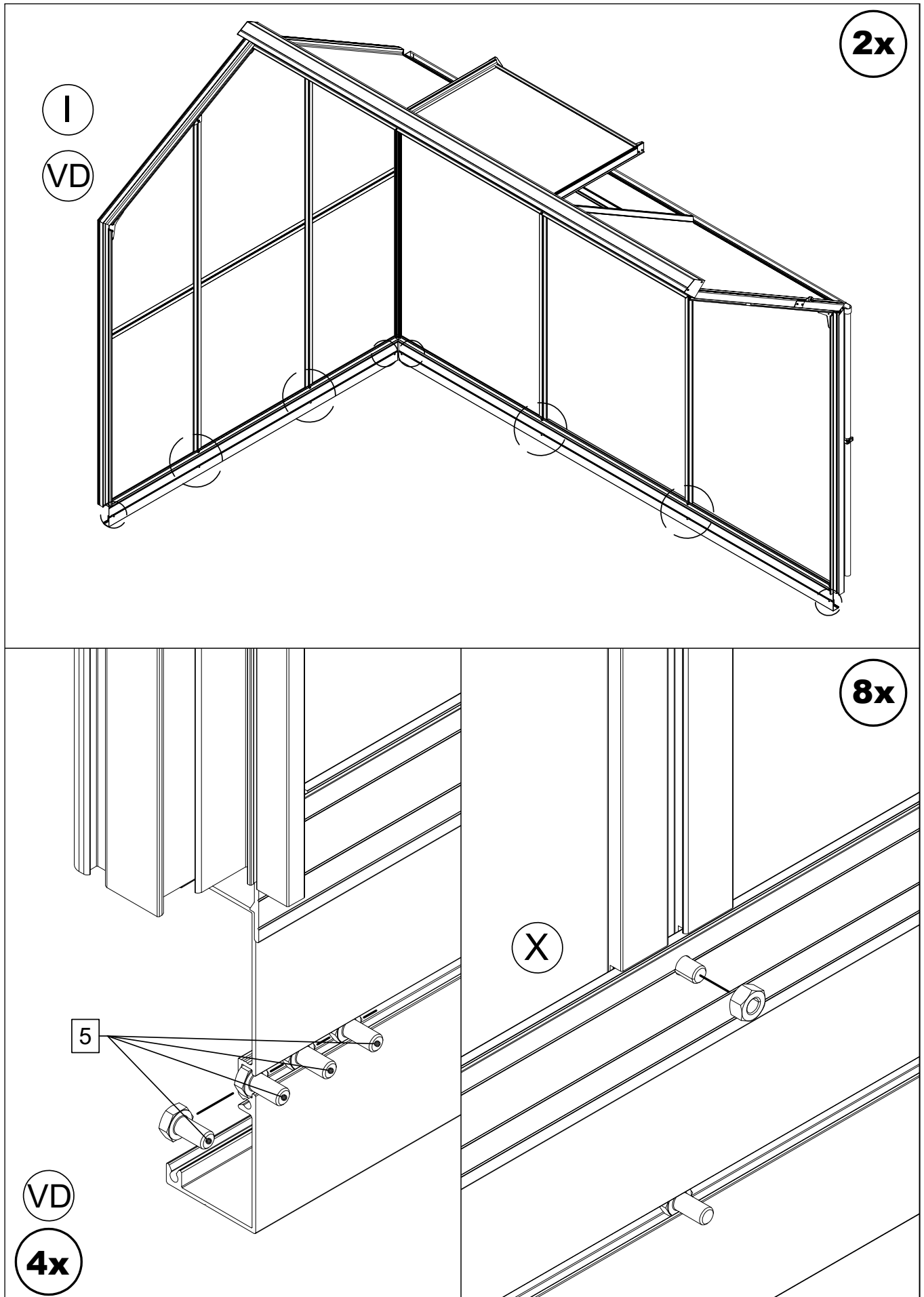
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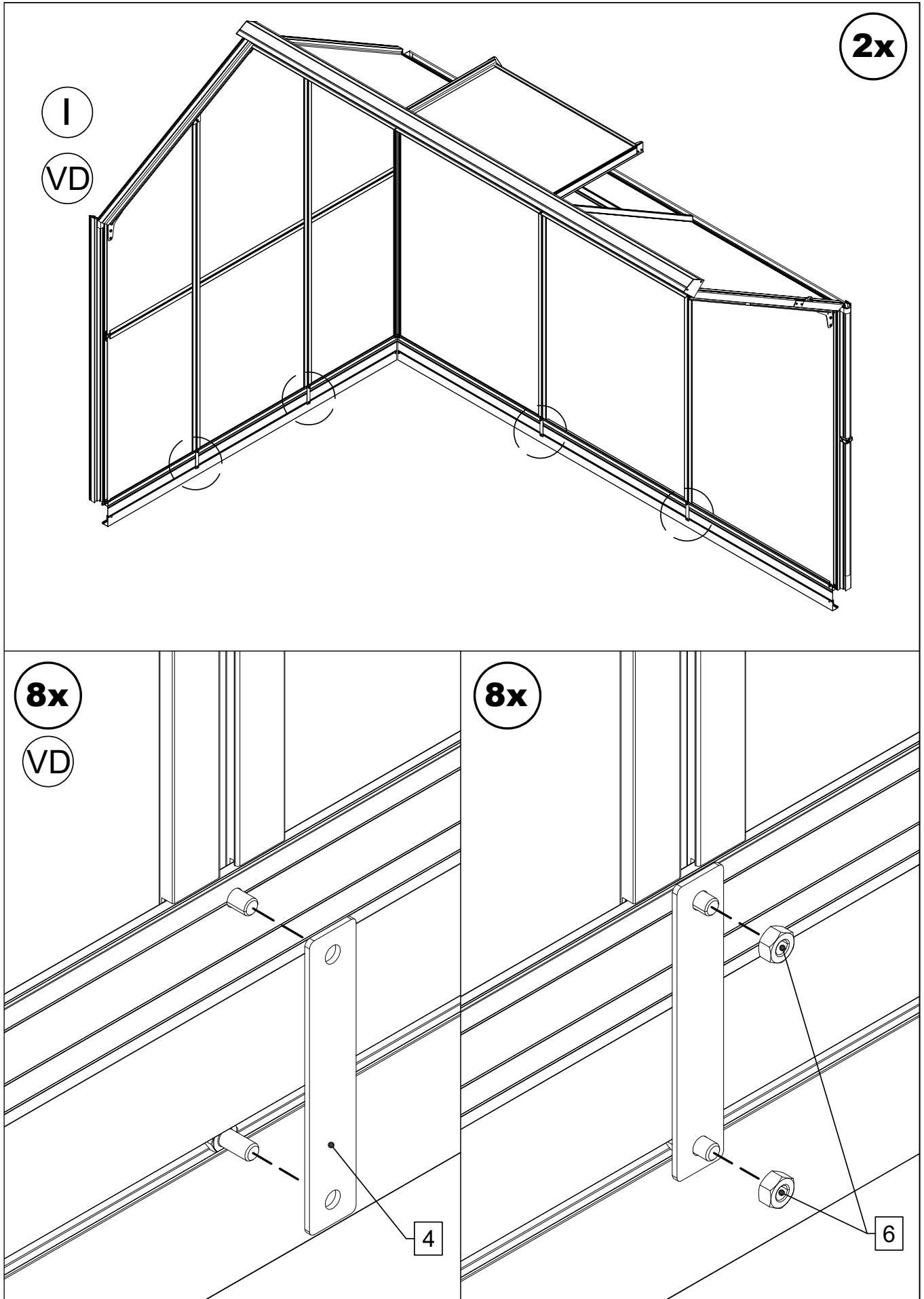
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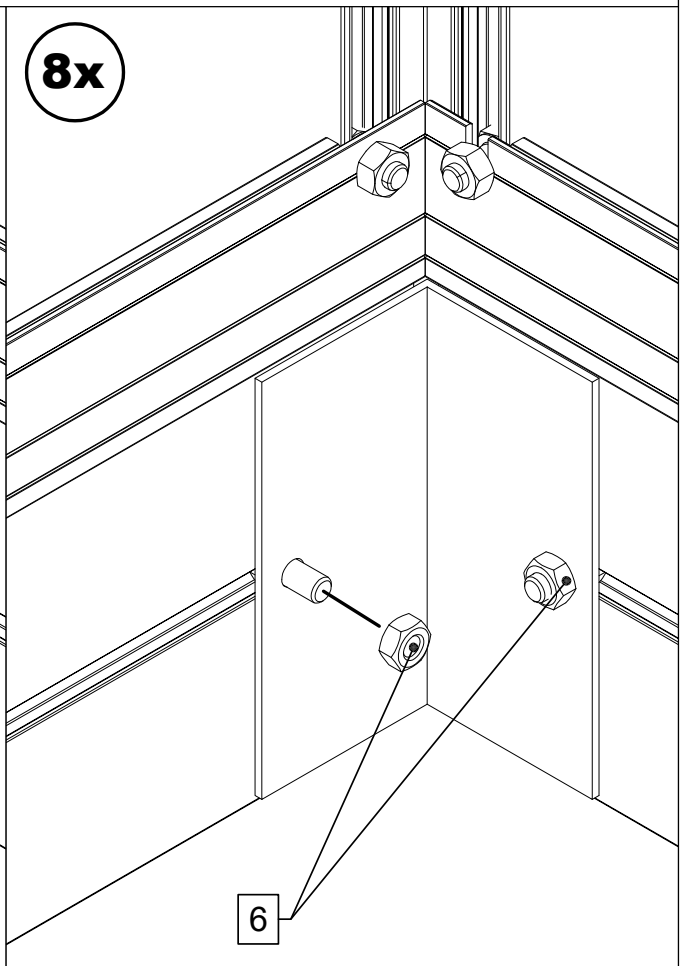
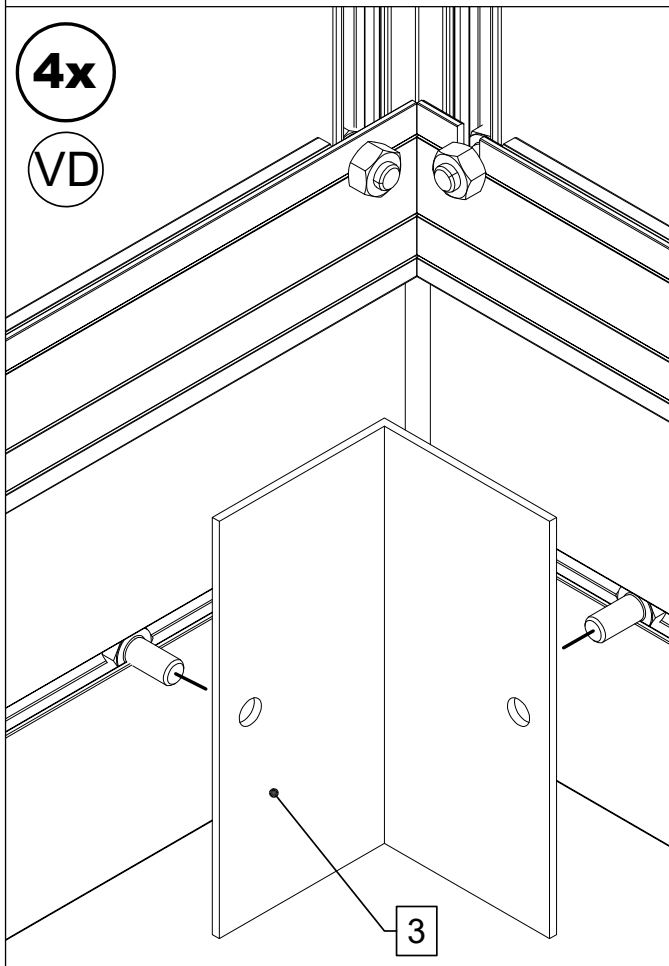
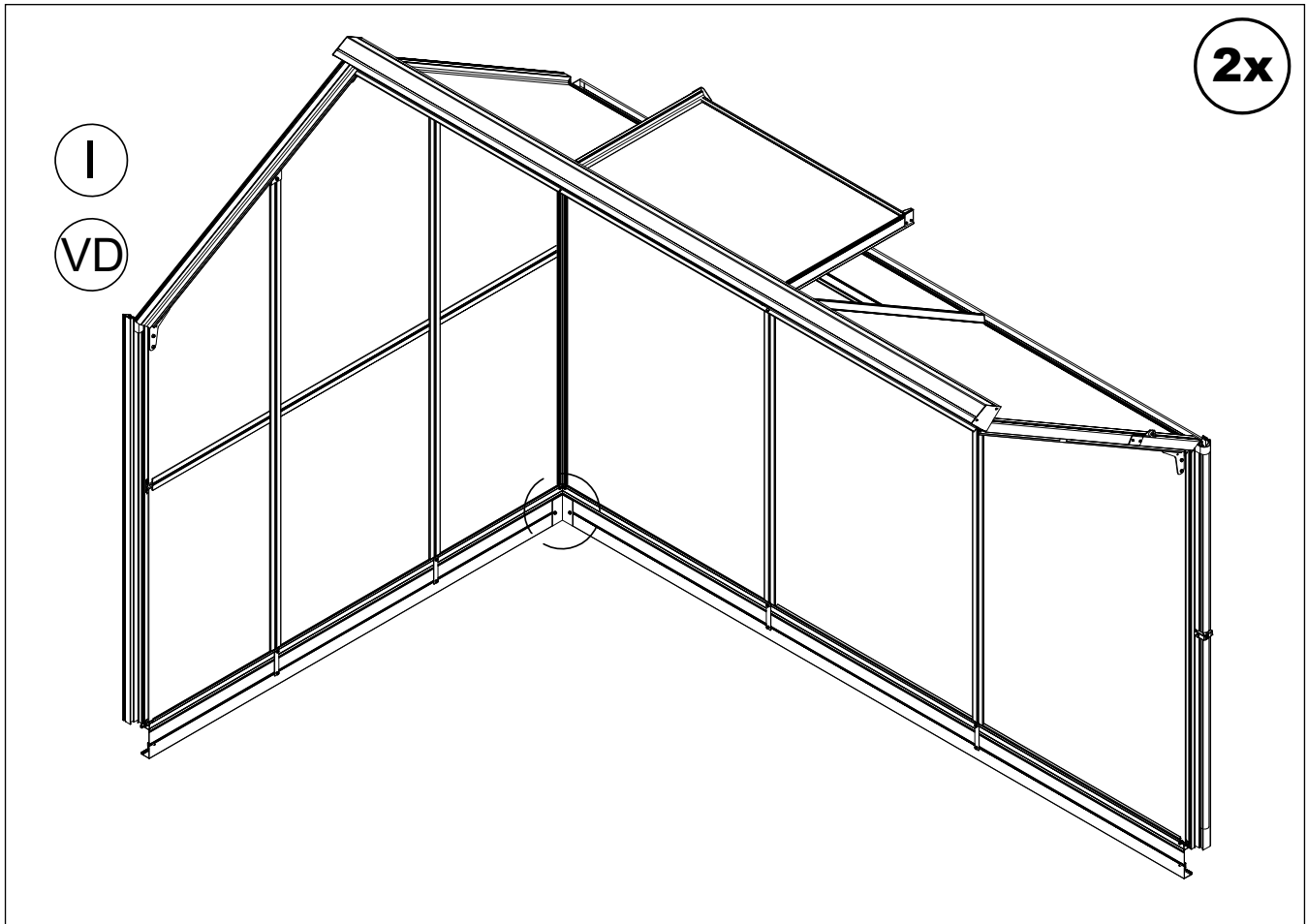


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2



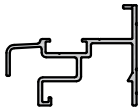
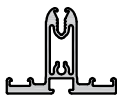
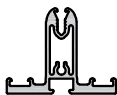
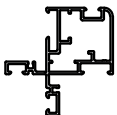
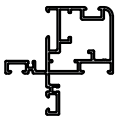
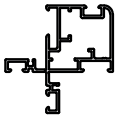
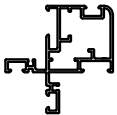
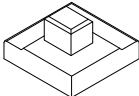
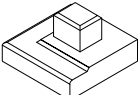
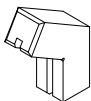
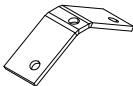
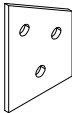






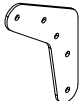
PARTS LIST REAR WALL GABLE

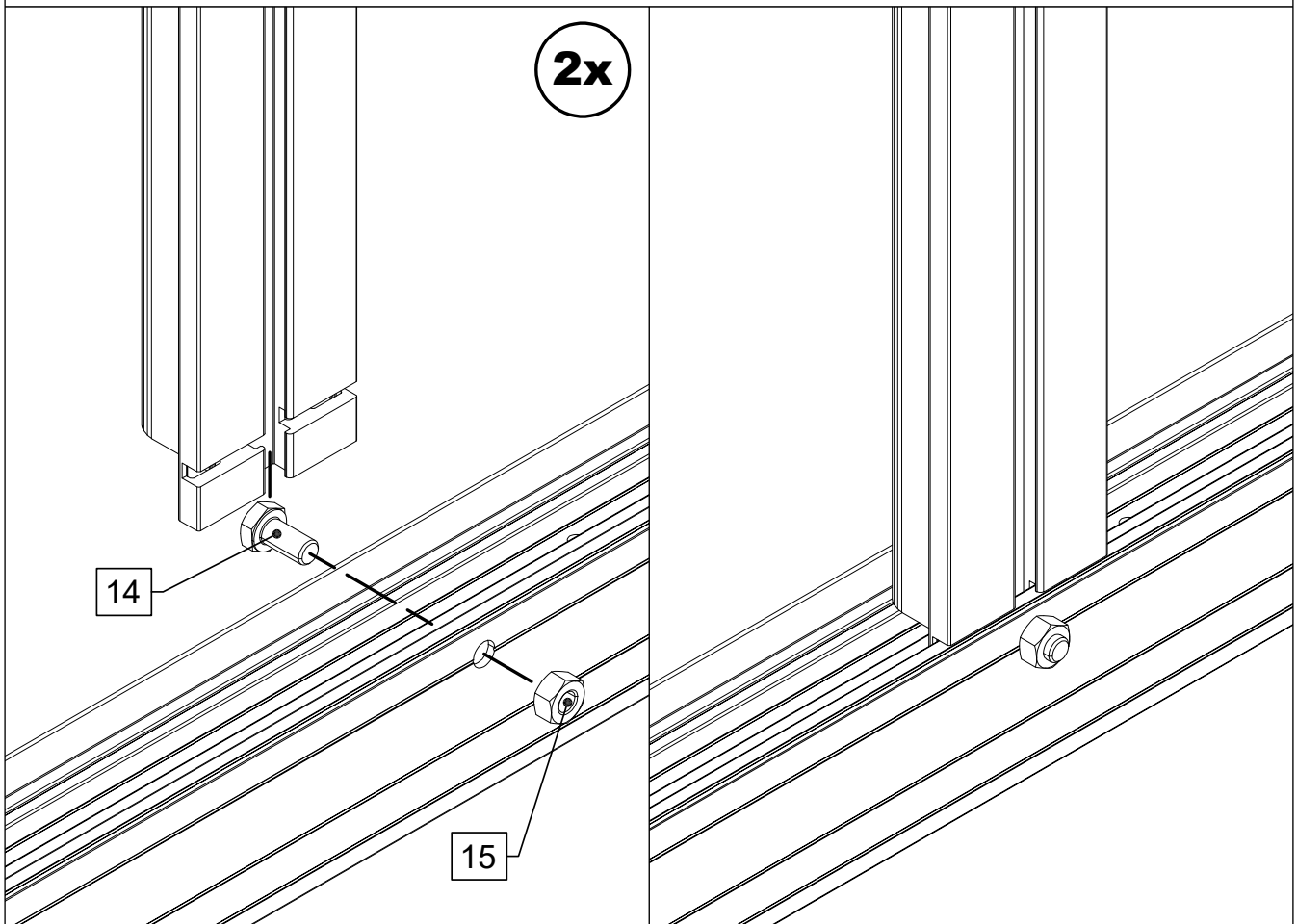
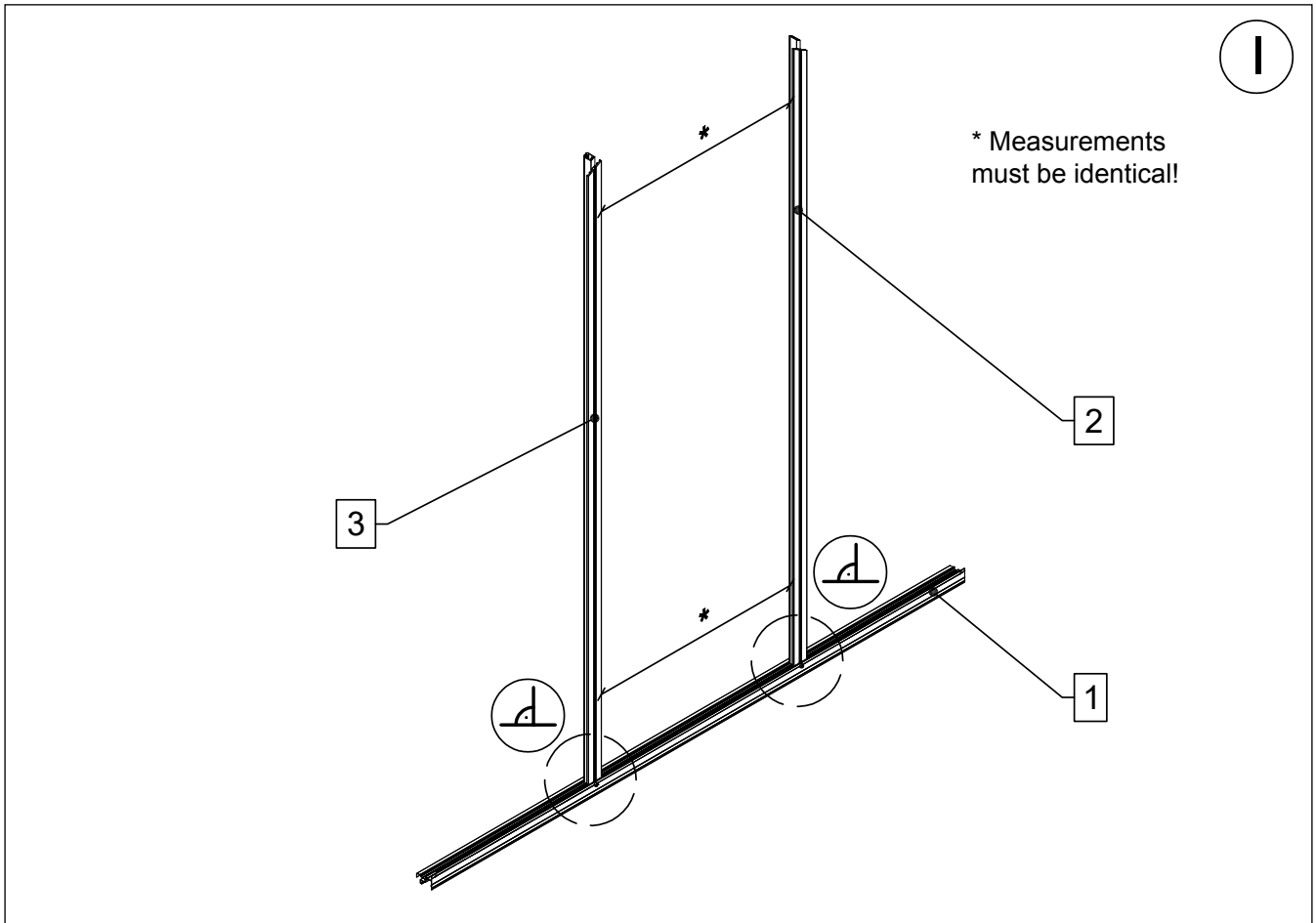
Solara/Eclipse

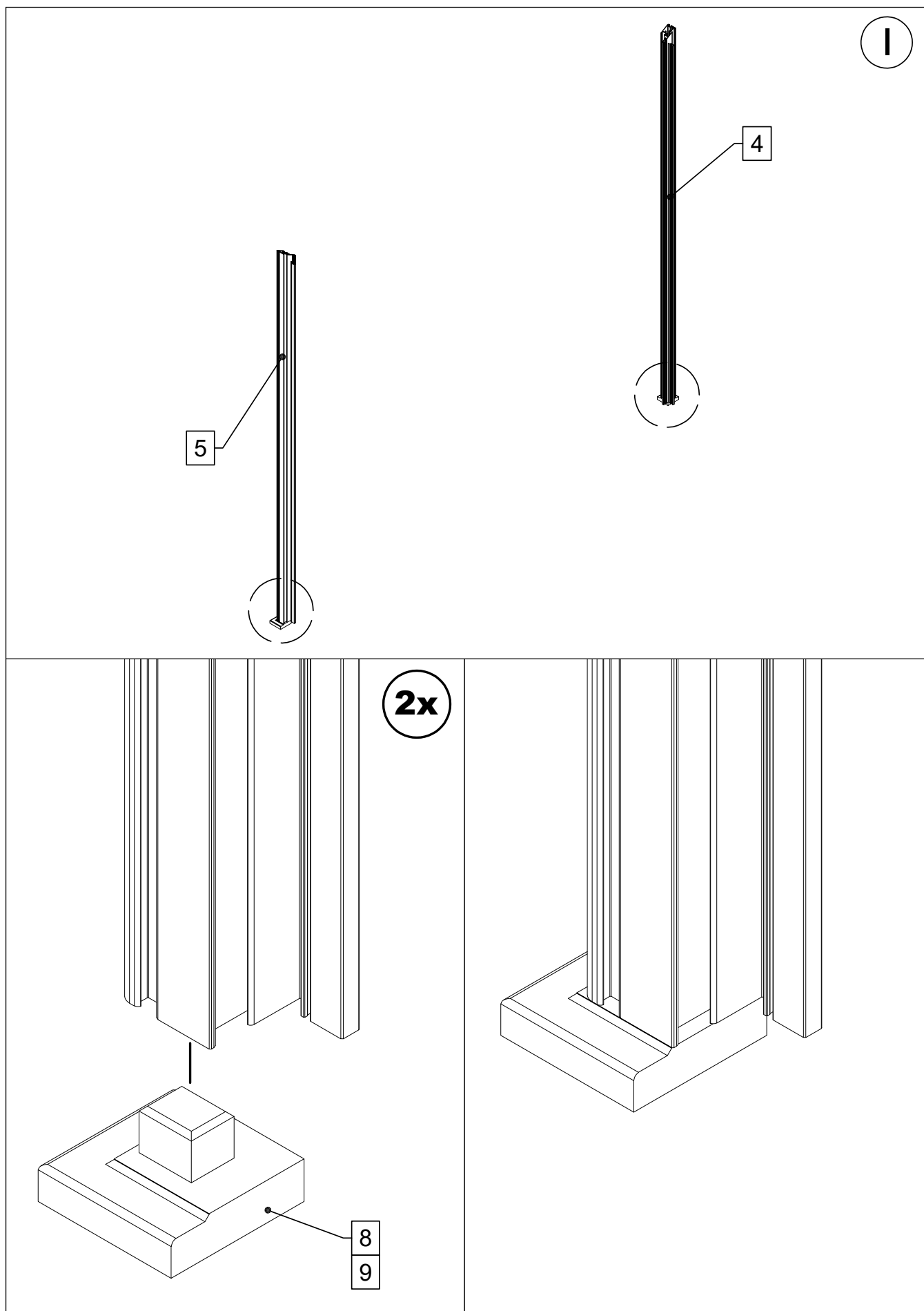
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2		P014-01-01-00-00-1 P014-03-01-00-00-1	KPT rung (left)	1 1	Solara: 2020mm Eclipse: 2125mm
3		P014-02-01-00-00-1 P014-04-01-00-00-1	KPT rung (right)	1 1	Solara: 2020mm Eclipse: 2125mm
4		P006-01-01-00-00-1	Edge rung (side, left)	1	1686 mm
5		P006-02-01-00-00-1	Edge rung (side, right)	1	1686 mm
6		P006-03-01-00-00-1 P006-05-01-00-00-1	Edge muntin (verge, left)	1 1	Solara: 1192mm Eclipse: 1518mm
7		P006-04-01-00-00-1 P006-06-01-00-00-1	Edge muntin (verge, right)	1 1	Solara: 1192mm Eclipse: 1518mm
8		9999000016	Edge bar cover (left)	1	
9		9999000017	Edge bar cover (right)	1	
10		9999000008	Corner connector (white)	3	
11		9999000076	Ridge angle 120°	1	
12		9999000911	Connection Plate	2	

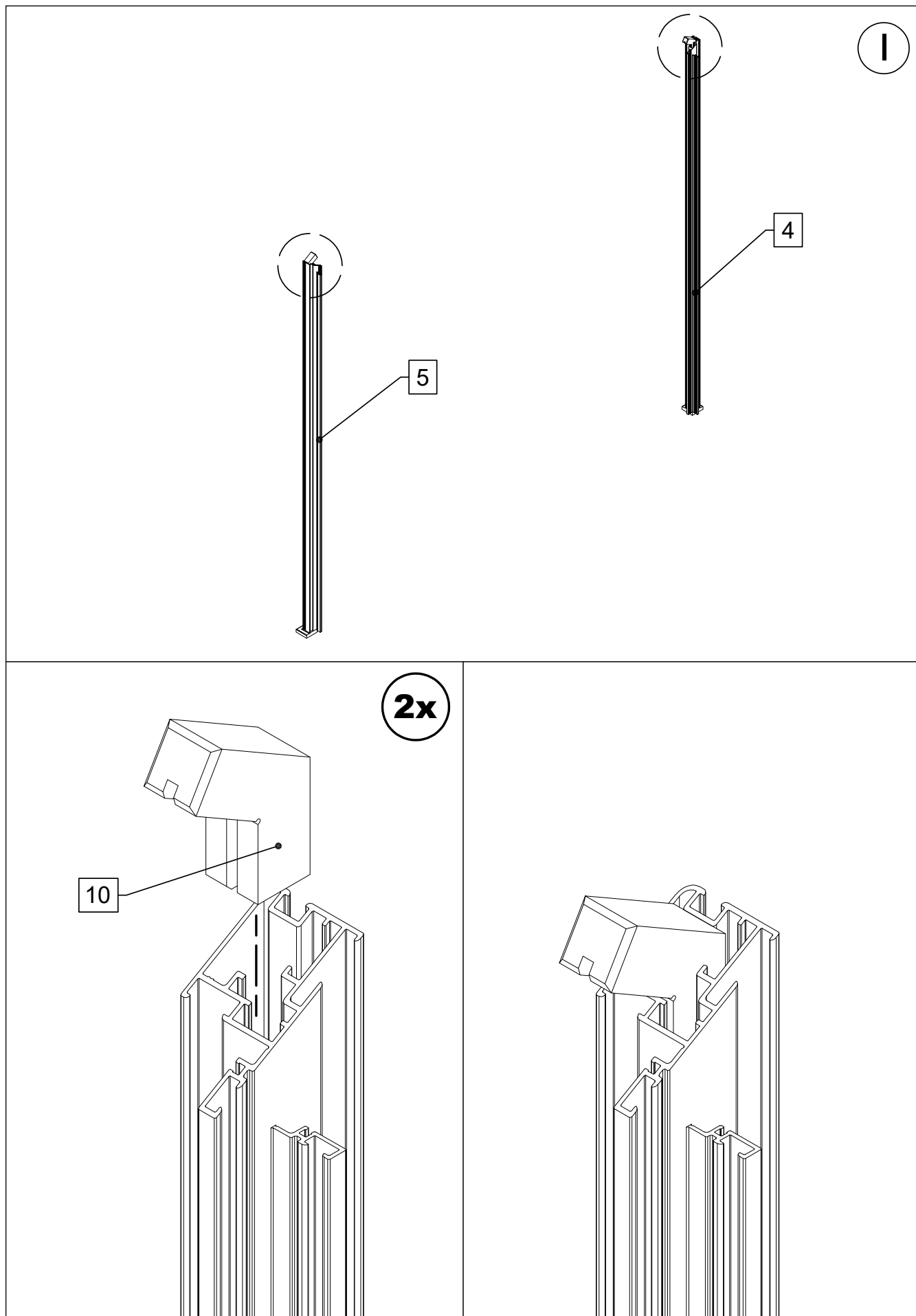
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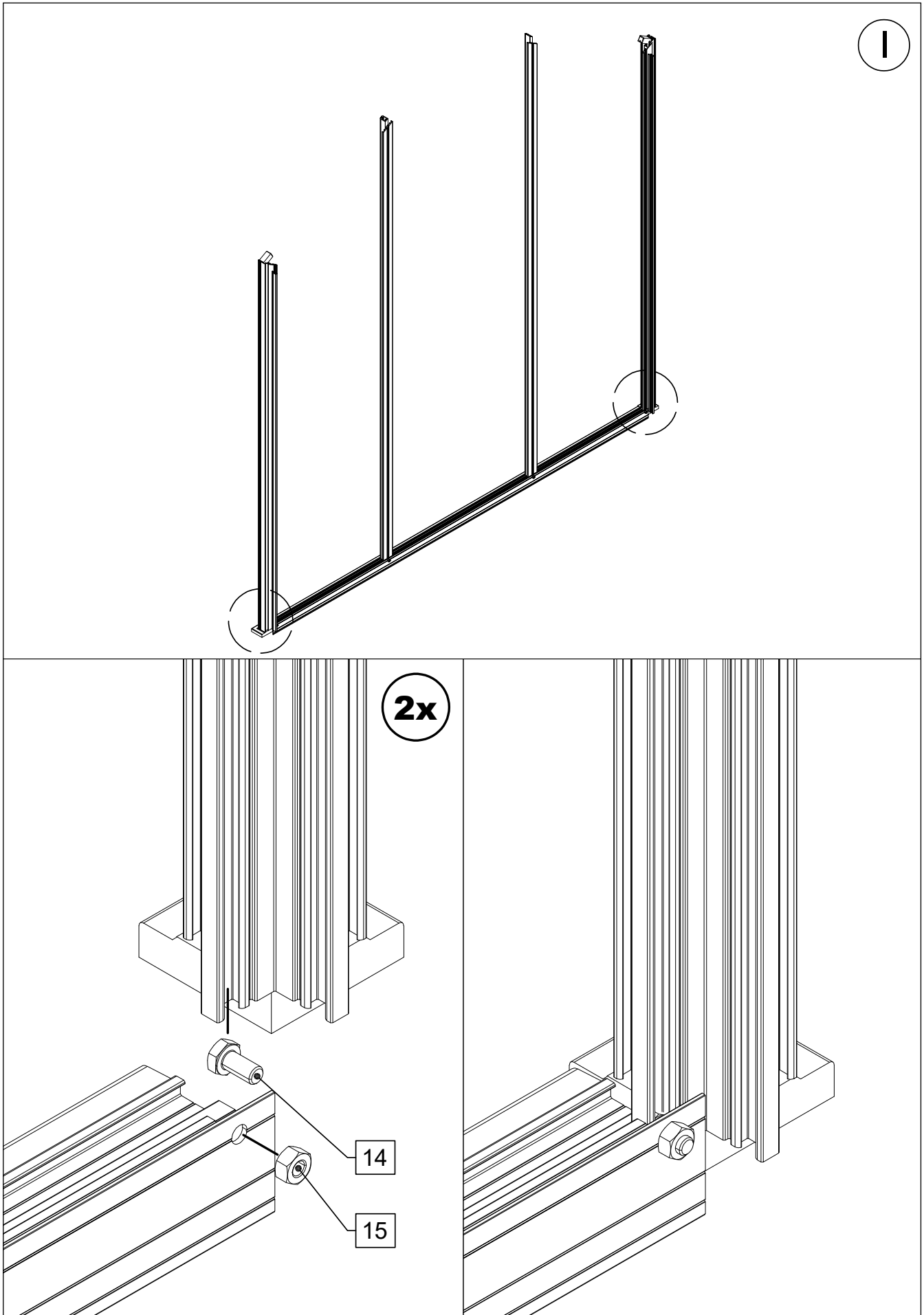
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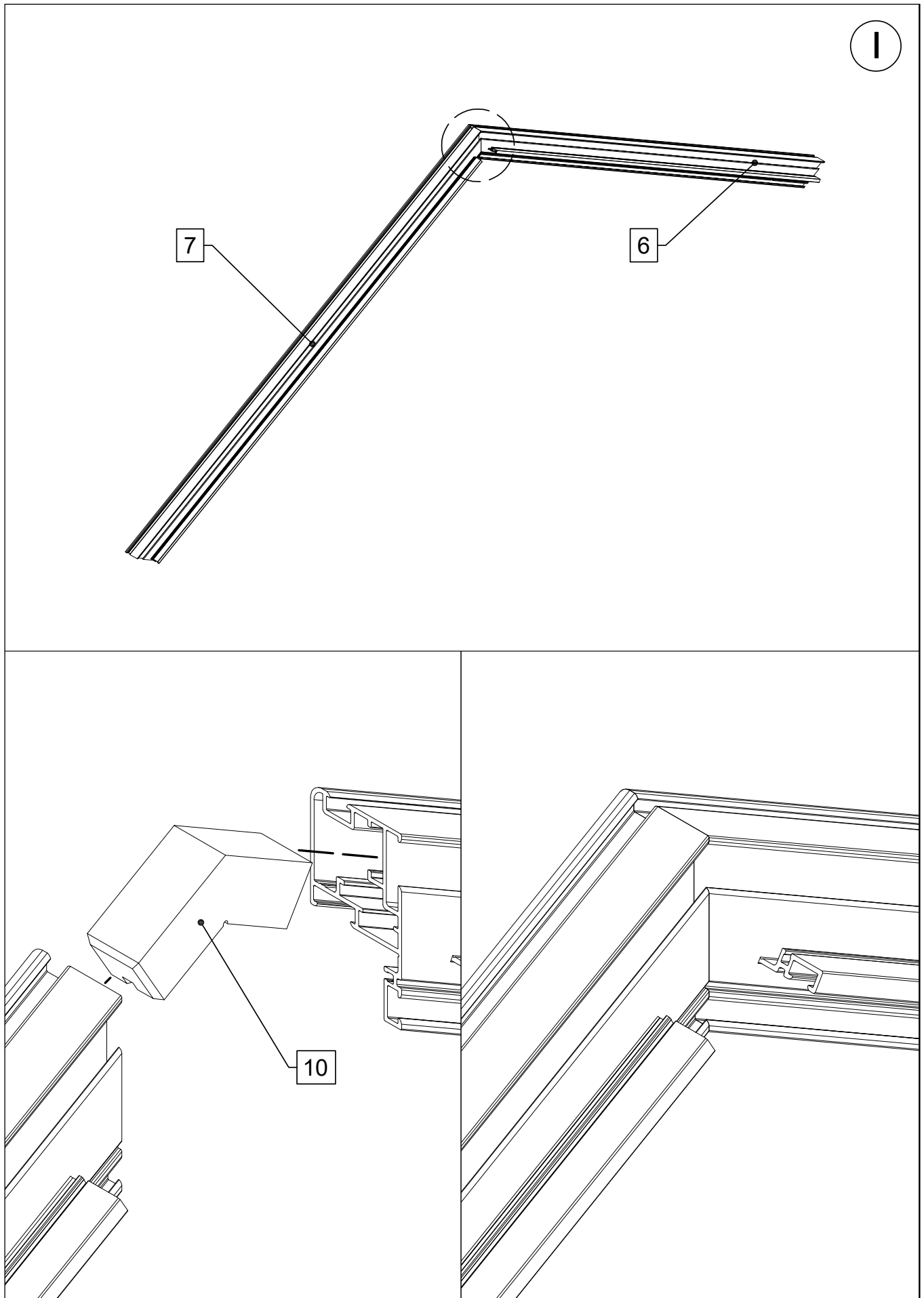
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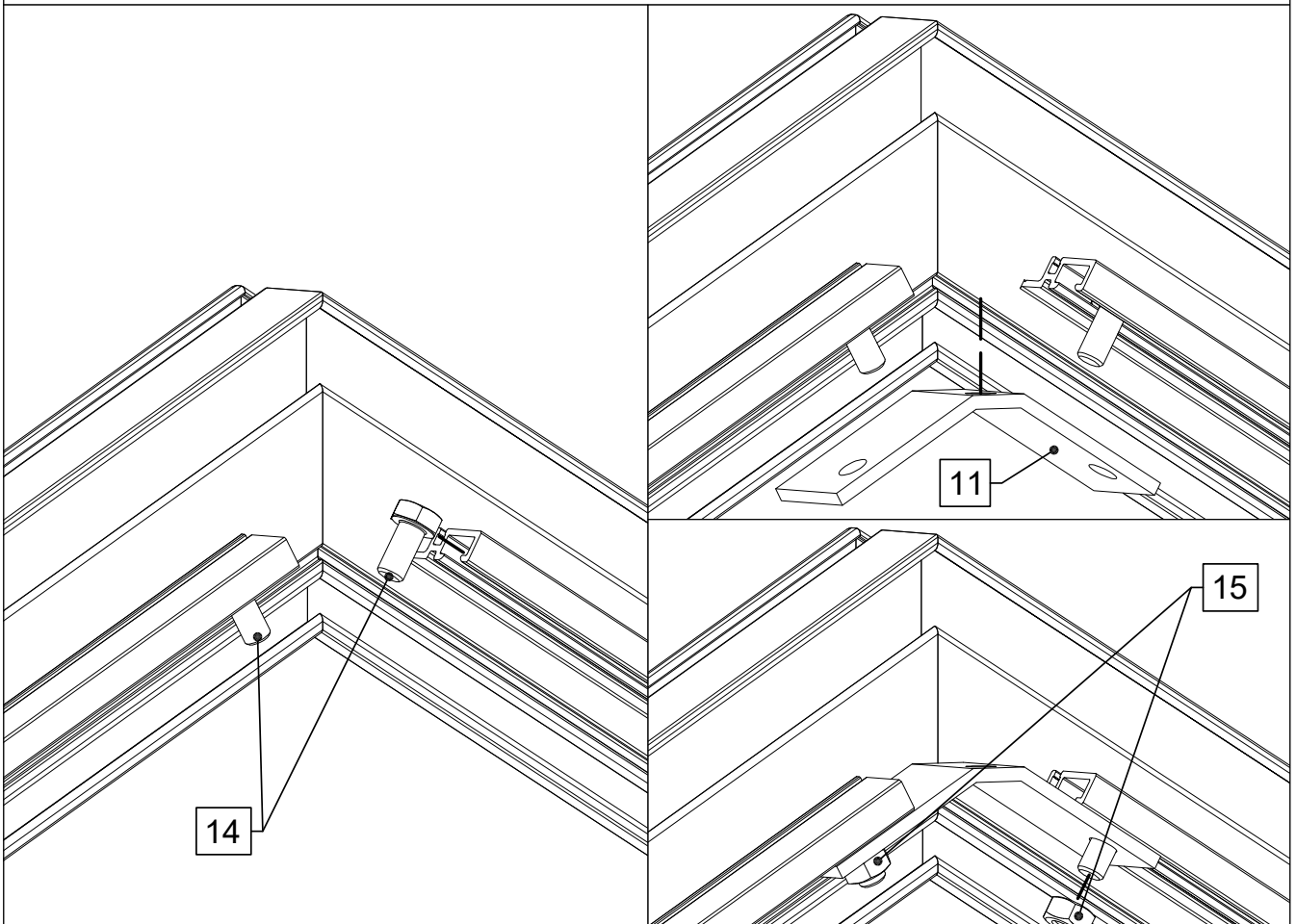
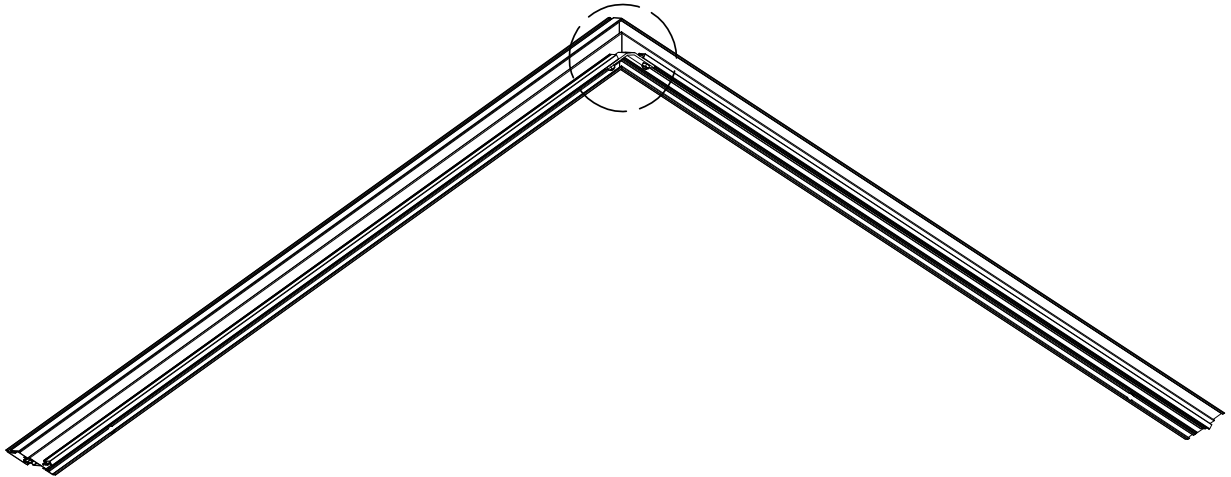


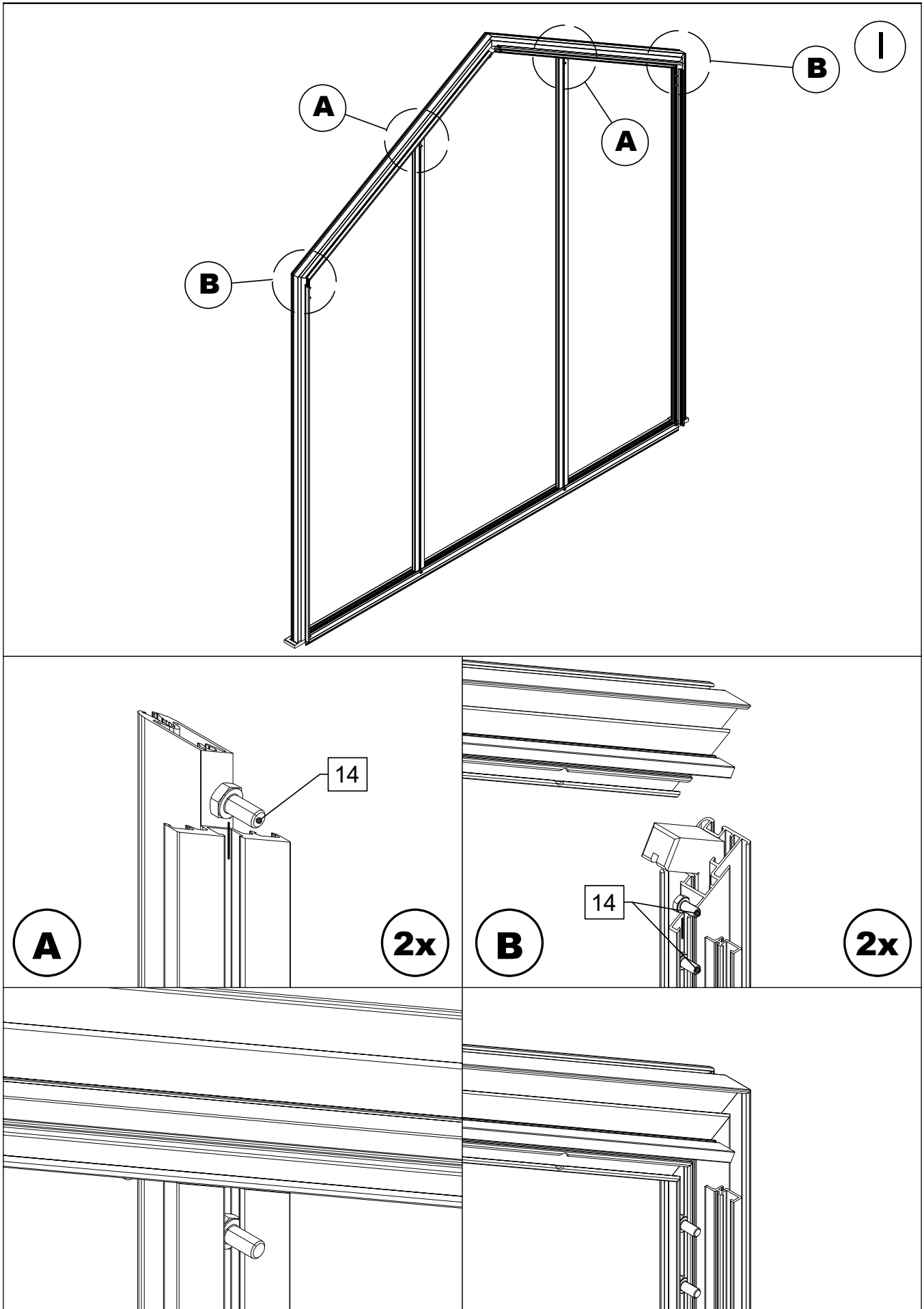


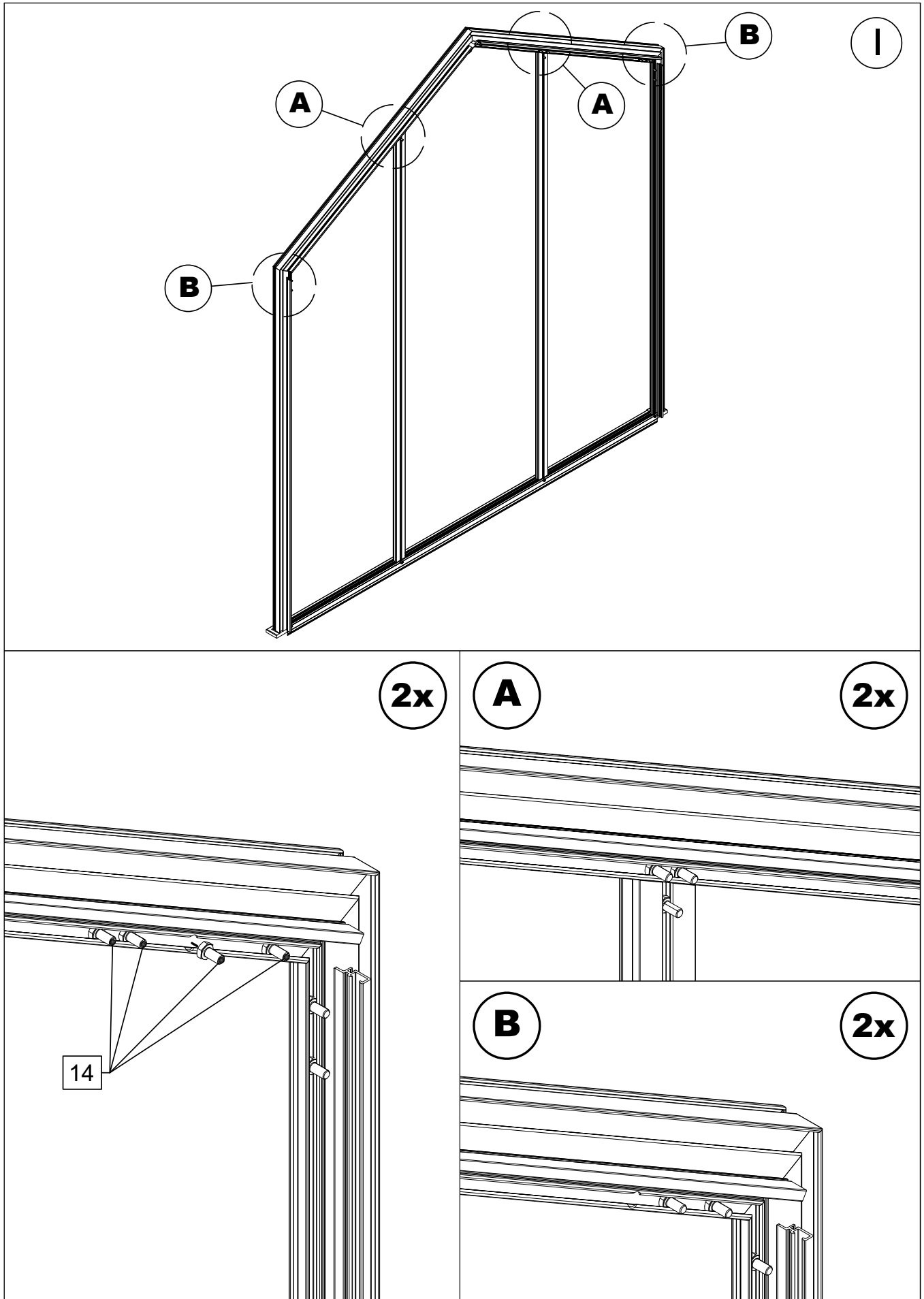


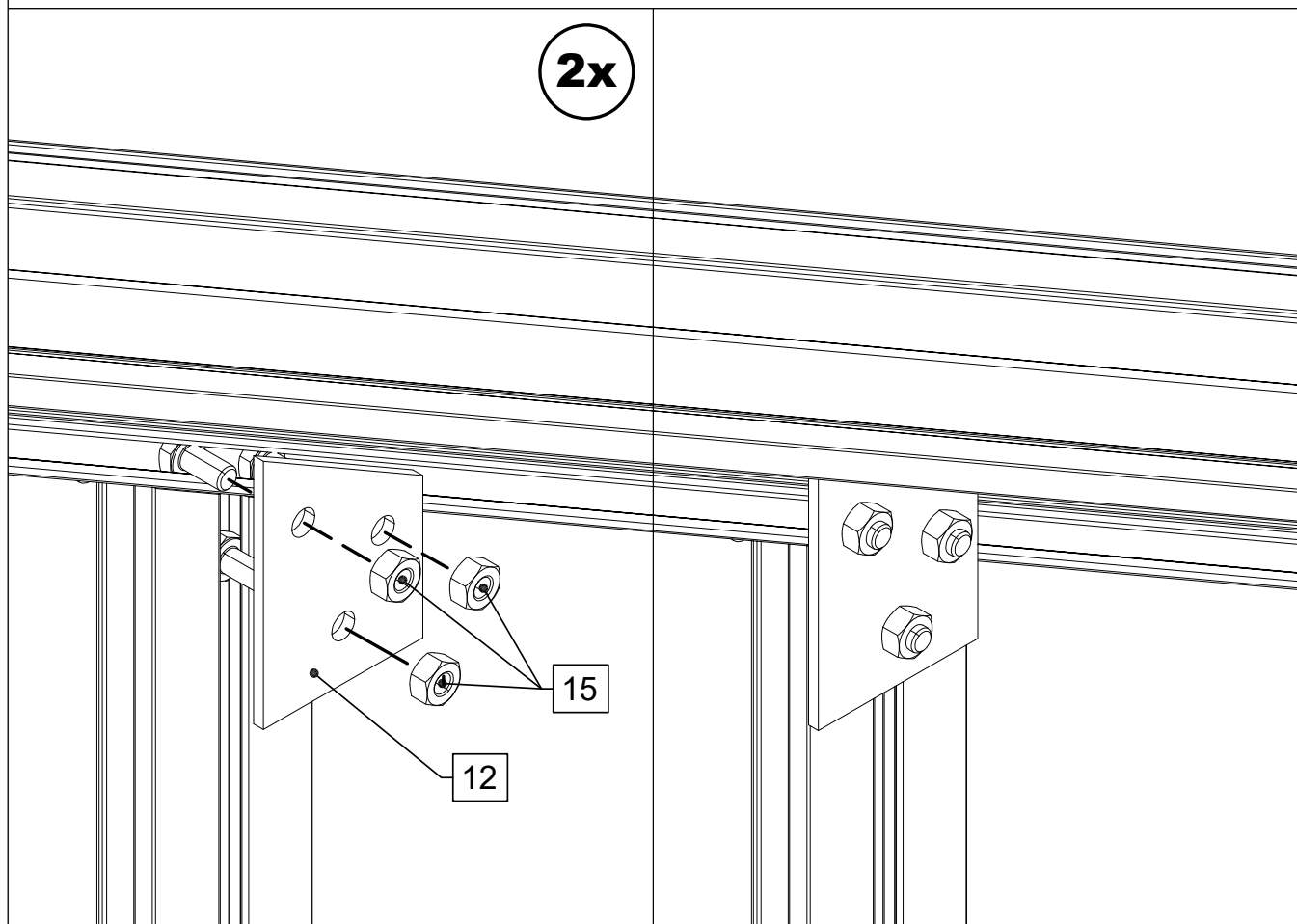
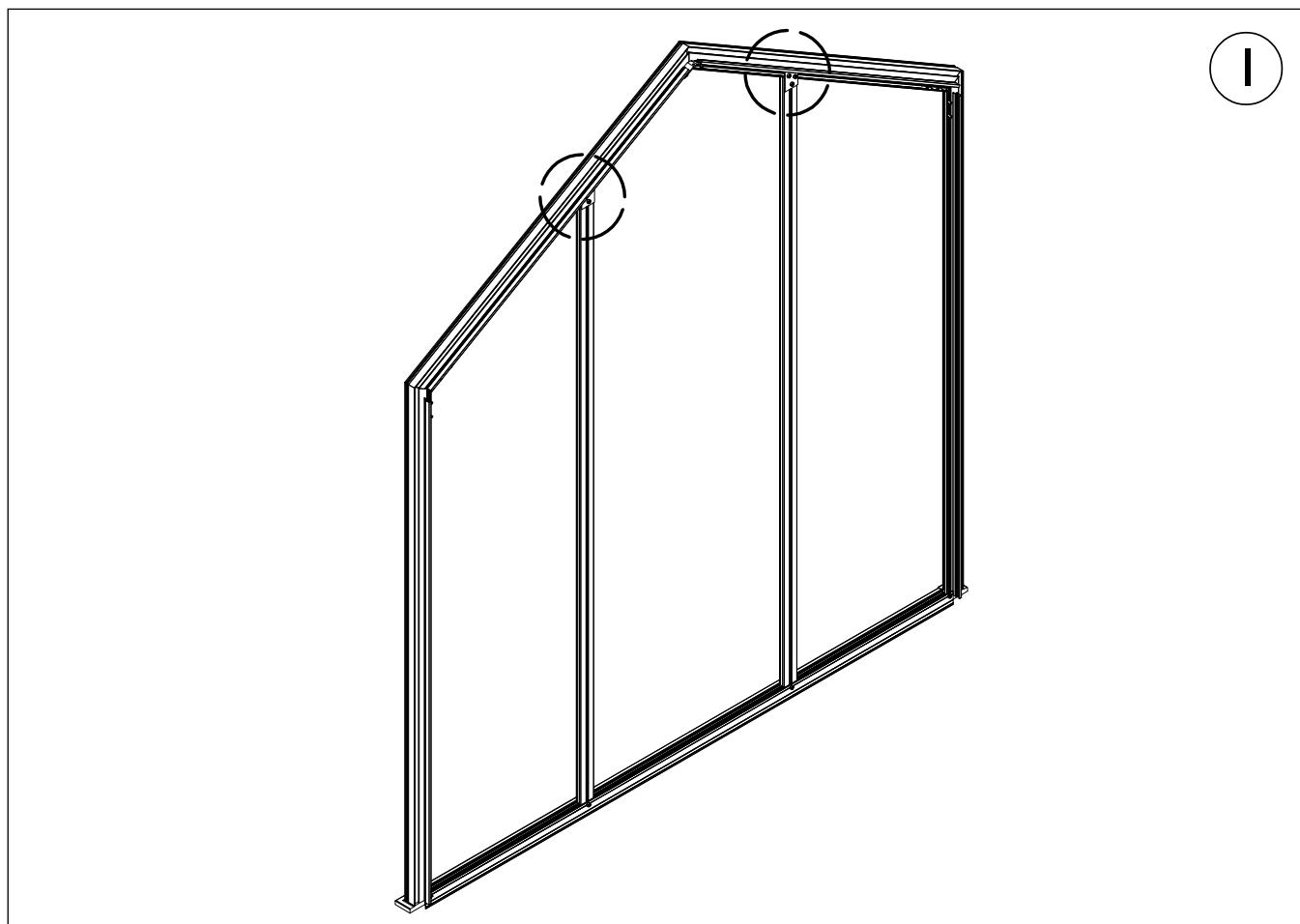


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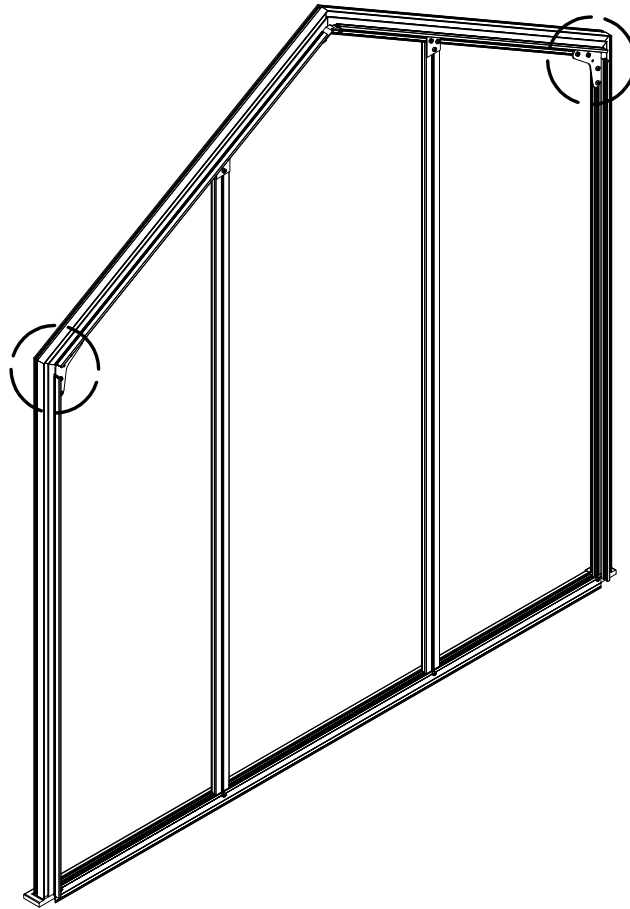




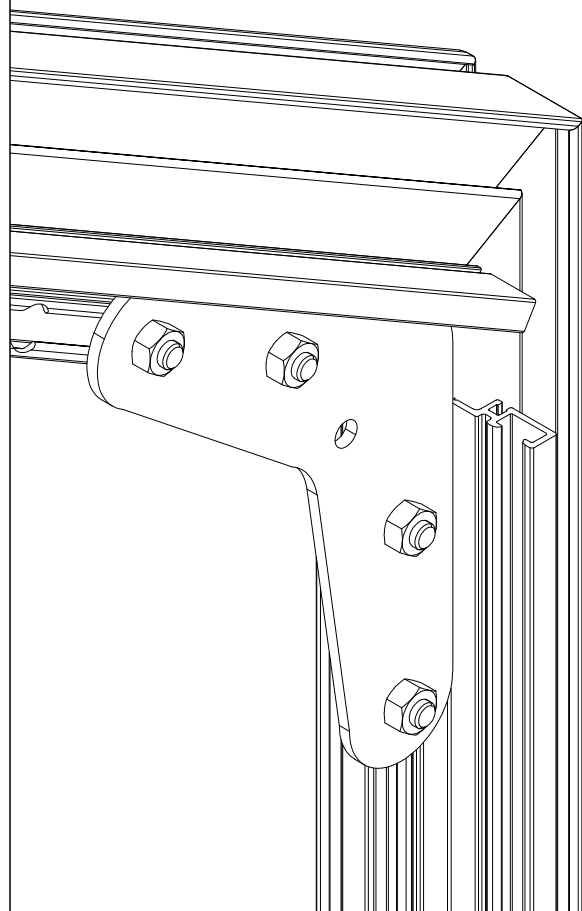
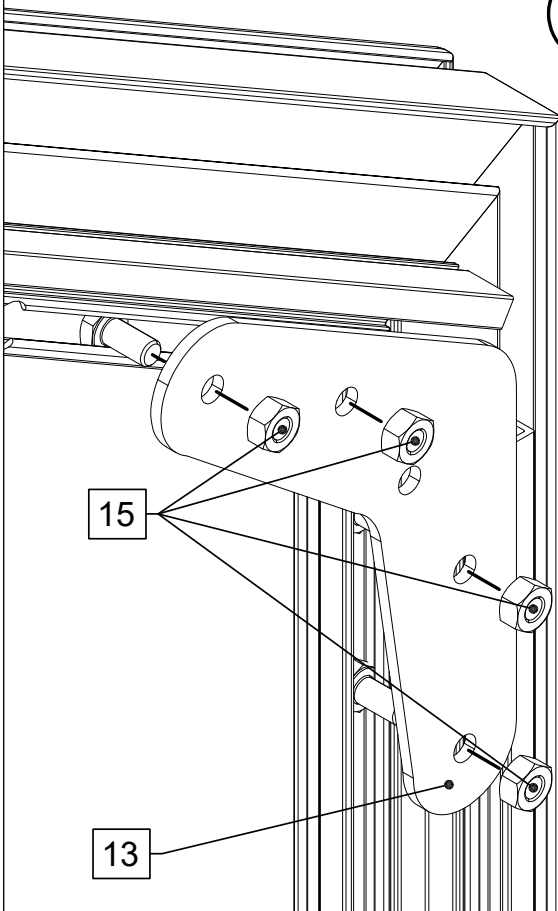




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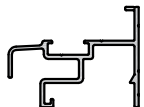
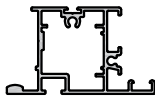
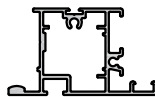
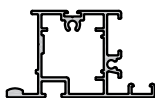
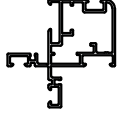
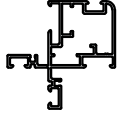
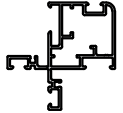
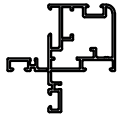
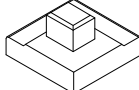
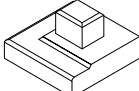
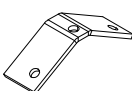


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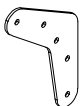
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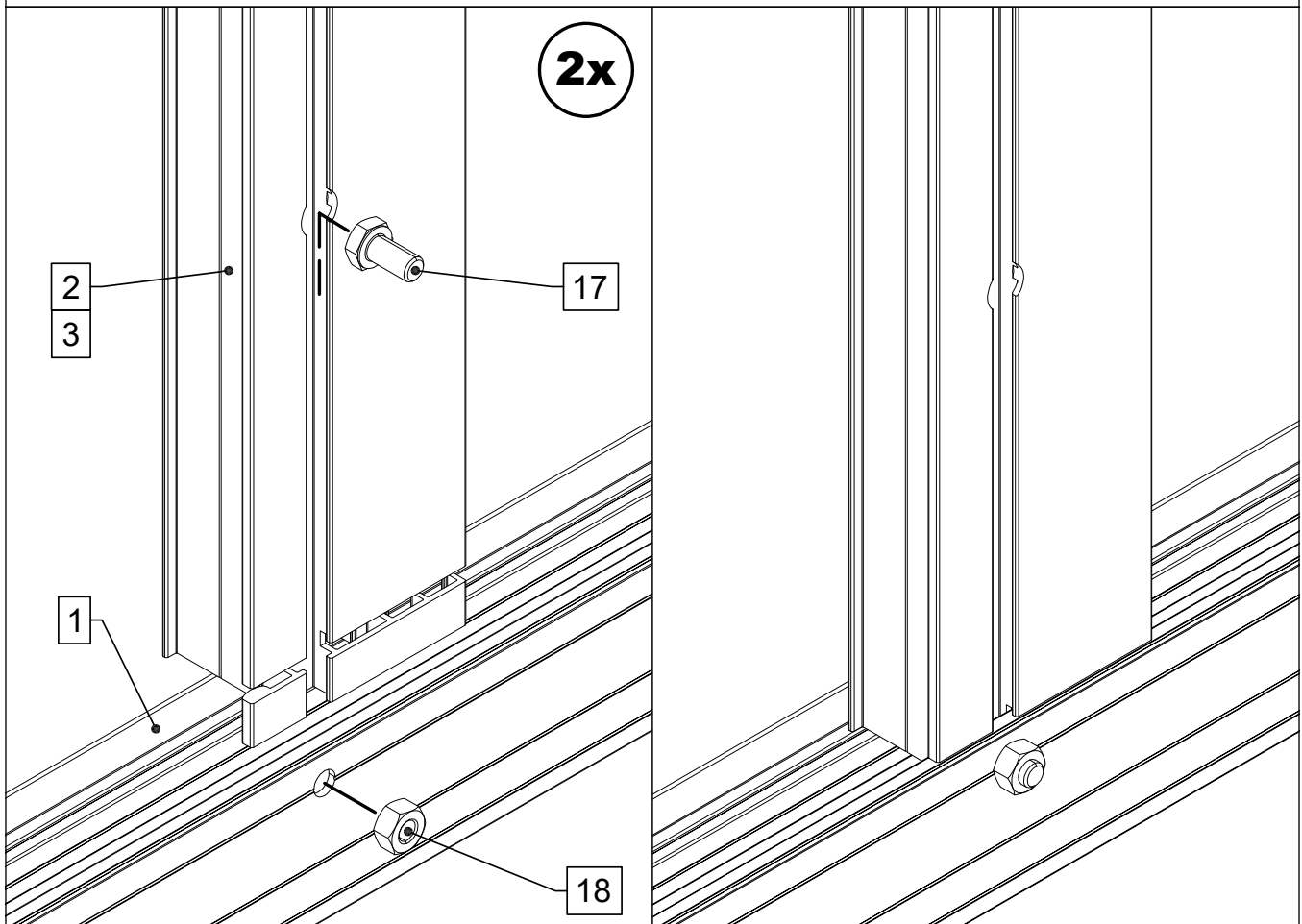
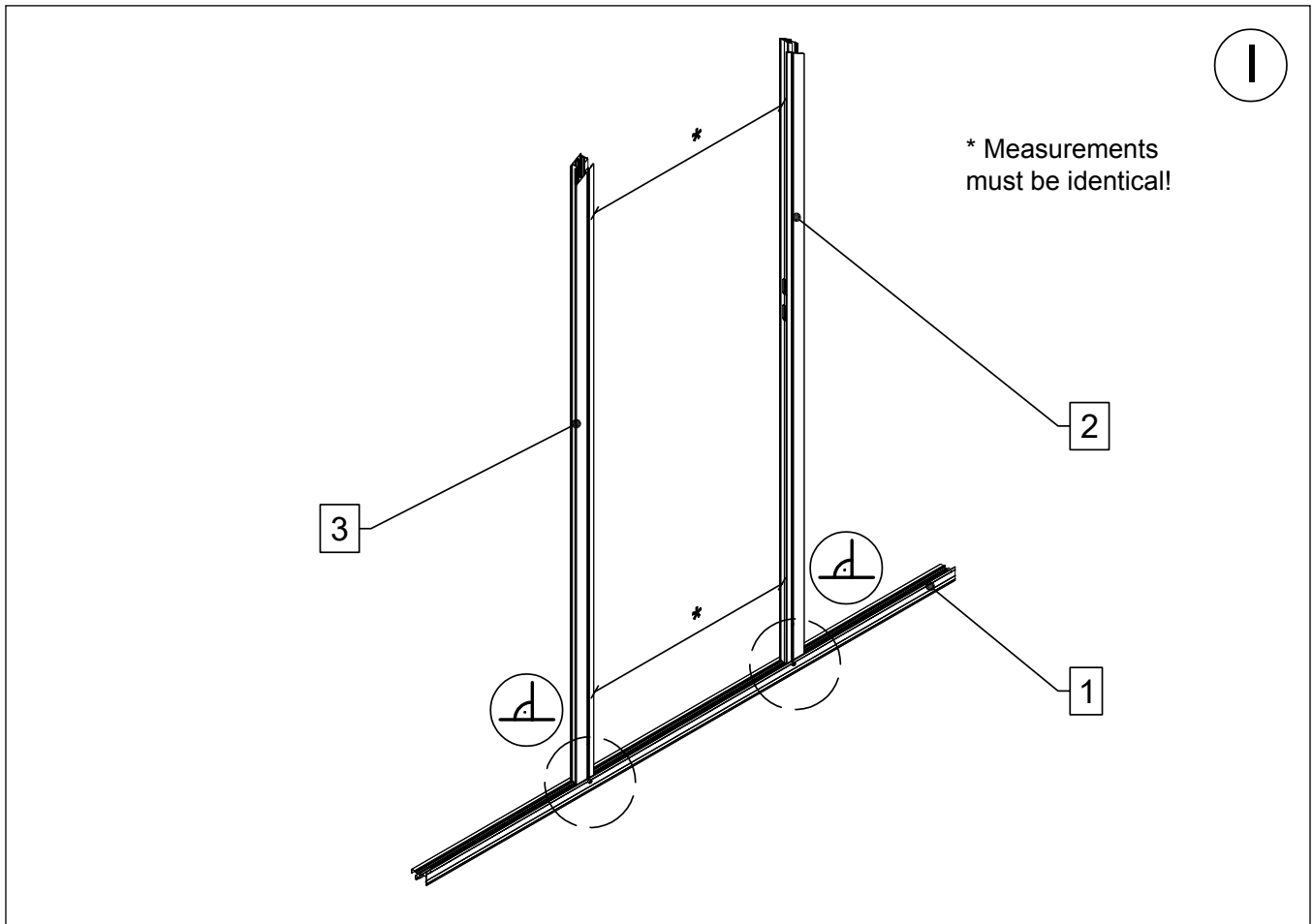
Solara/Eclipse

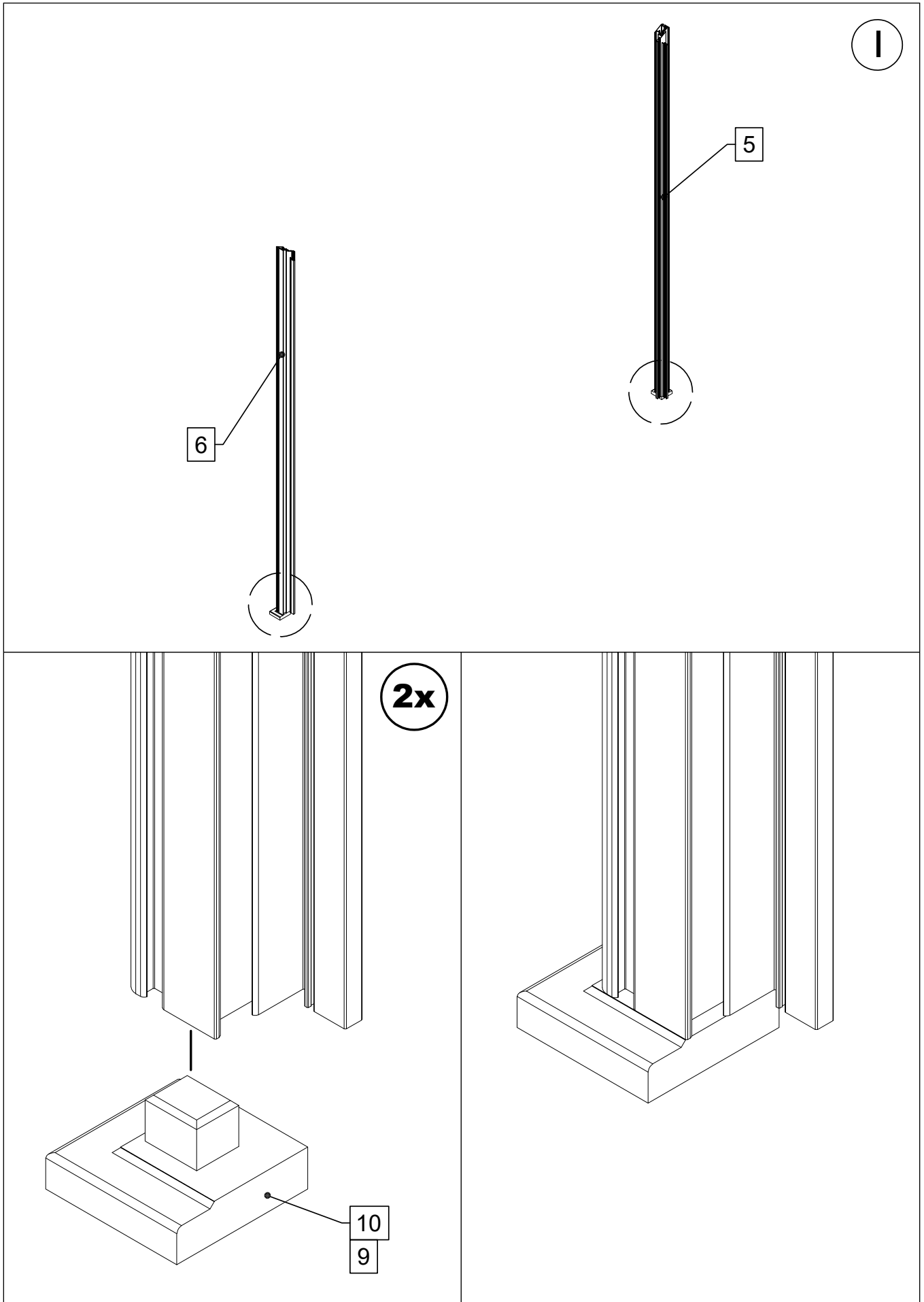
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2		P007-01-01-00-00-1 P007-04-01-00-00-1	Door Frame (Left)	1 1	Solara: 2021mm Eclipse: 2127mm
3		P007-02-01-00-00-1 P007-05-01-00-00-1	Door Frame (Right)	1 1	Solara: 2021mm Eclipse: 2127mm
4		P007-03-01-00-00-1 P007-06-01-00-00-1	Door Frame (Above)	1 1	Solara: 744mm Eclipse: 944mm
5		P006-01-01-00-00-1	Edge rung (side, left)	1	1686 mm
6		P006-02-01-00-00-1	Edge rung (side, right)	1	1686 mm
7		P006-03-01-00-00-1 P006-05-01-00-00-1	Edge muntin (verge, left)	1 1	Solara: 1192mm Eclipse: 1518mm
8		P006-04-01-00-00-1 P006-06-01-00-00-1	Edge muntin (verge, right)	1 1	Solara: 1192mm Eclipse: 1518mm
9		9999000016	Edge bar cover (left)	1	
10		9999000017	Edge bar cover (right)	1	
11		9999000008	Corner connector (white)	3	
12		9999000076	Ridge angle 120°	1	

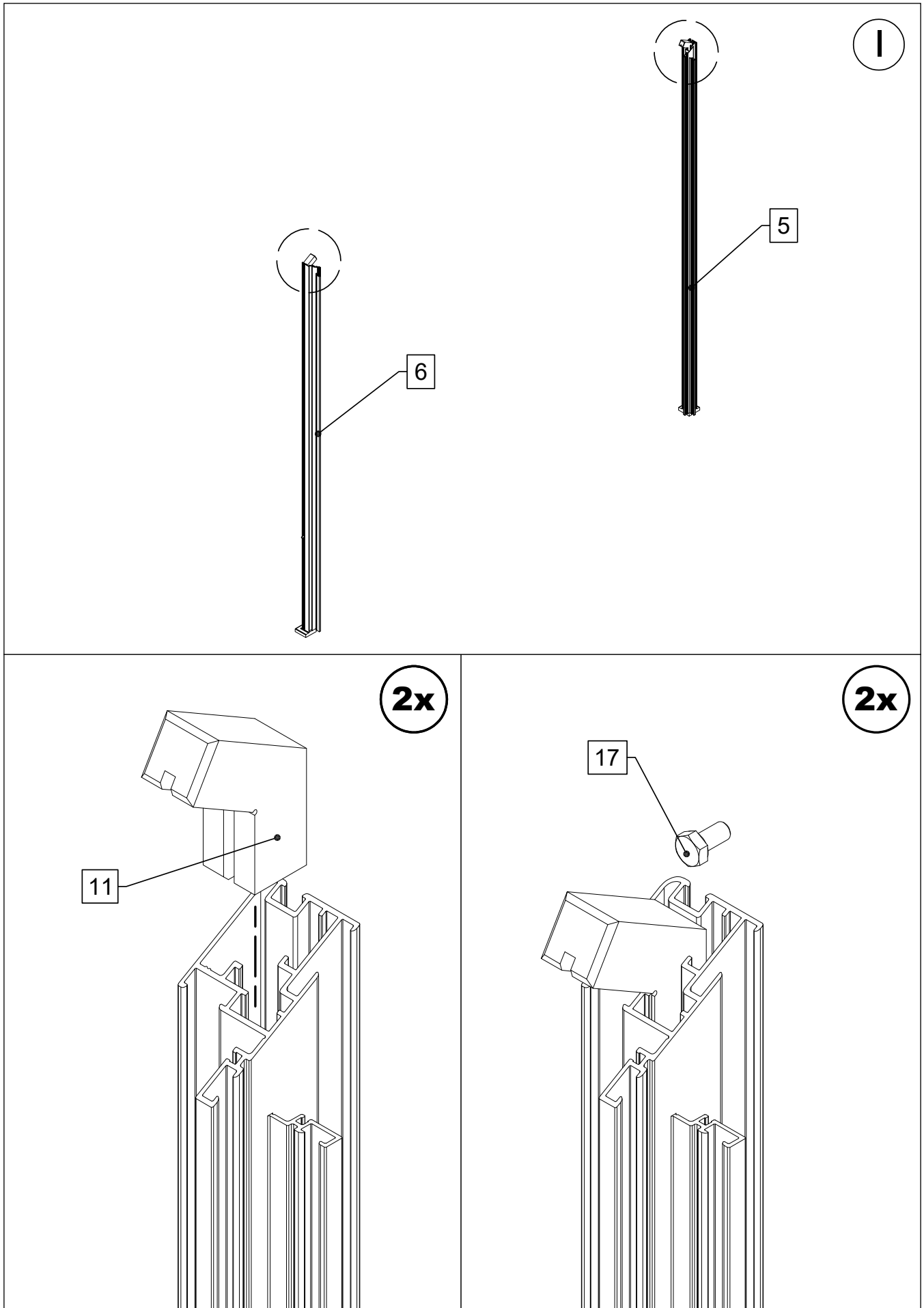
PARTS LIST FRONT GABLE

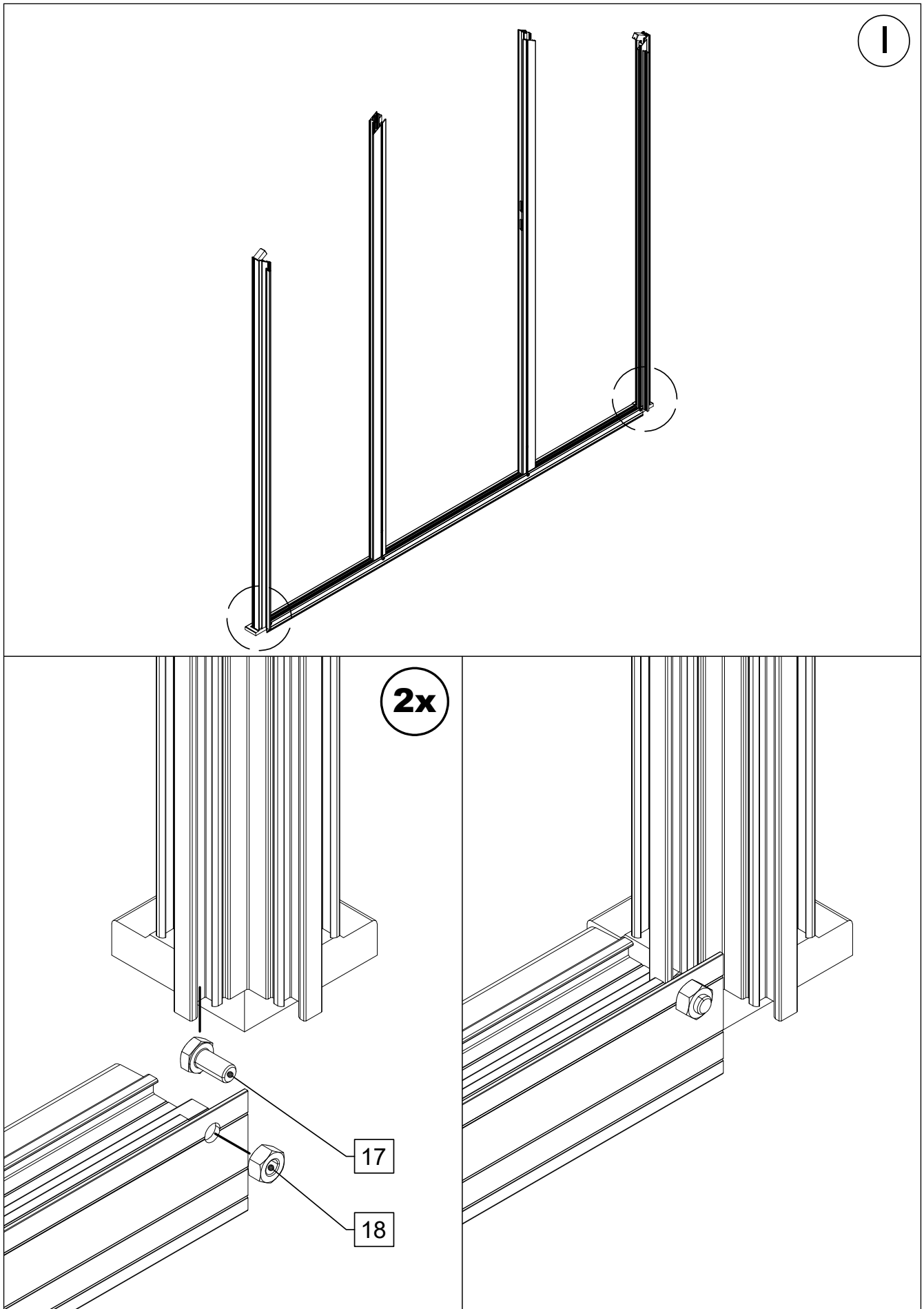
Solara/Eclipse

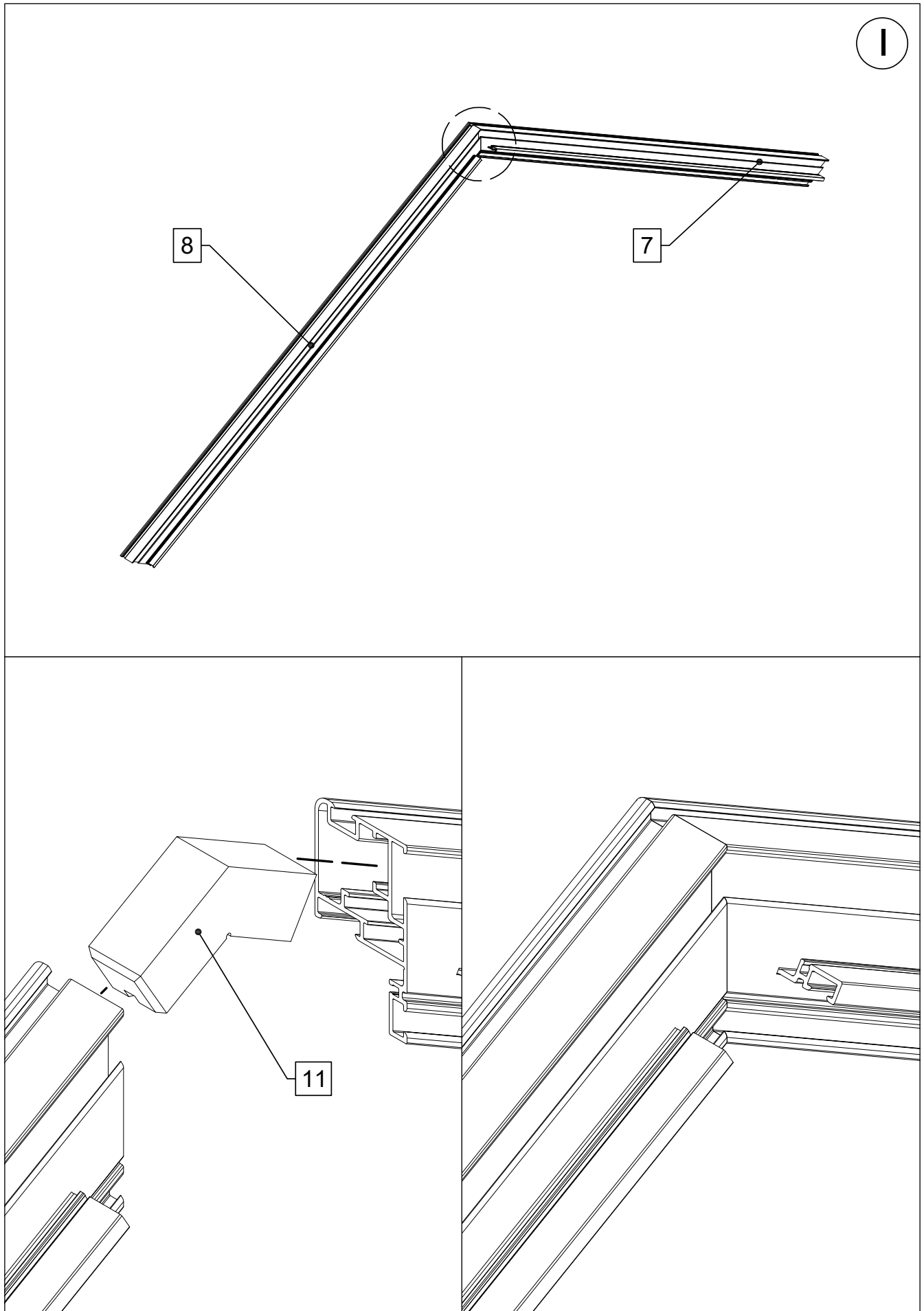
No.	Diagram	Part No.	Description	Number	Comment
13		9999000912	Rung Connection	2	Only for Solara
14		9999000913	Rung Connection	2	Only for Eclipse
15		9999001497	T-Connection	2	Only for Eclipse
16		9999000275	Screw Angle	2	
17		9999000124	Hex Screw M6 x 12	32 36	DIN 933 Solara Eclipse
18		9999000128	Hex Nut M6	22 26	DIN 934 Solara Eclipse
19					
20					
21					
22					
23					
24					



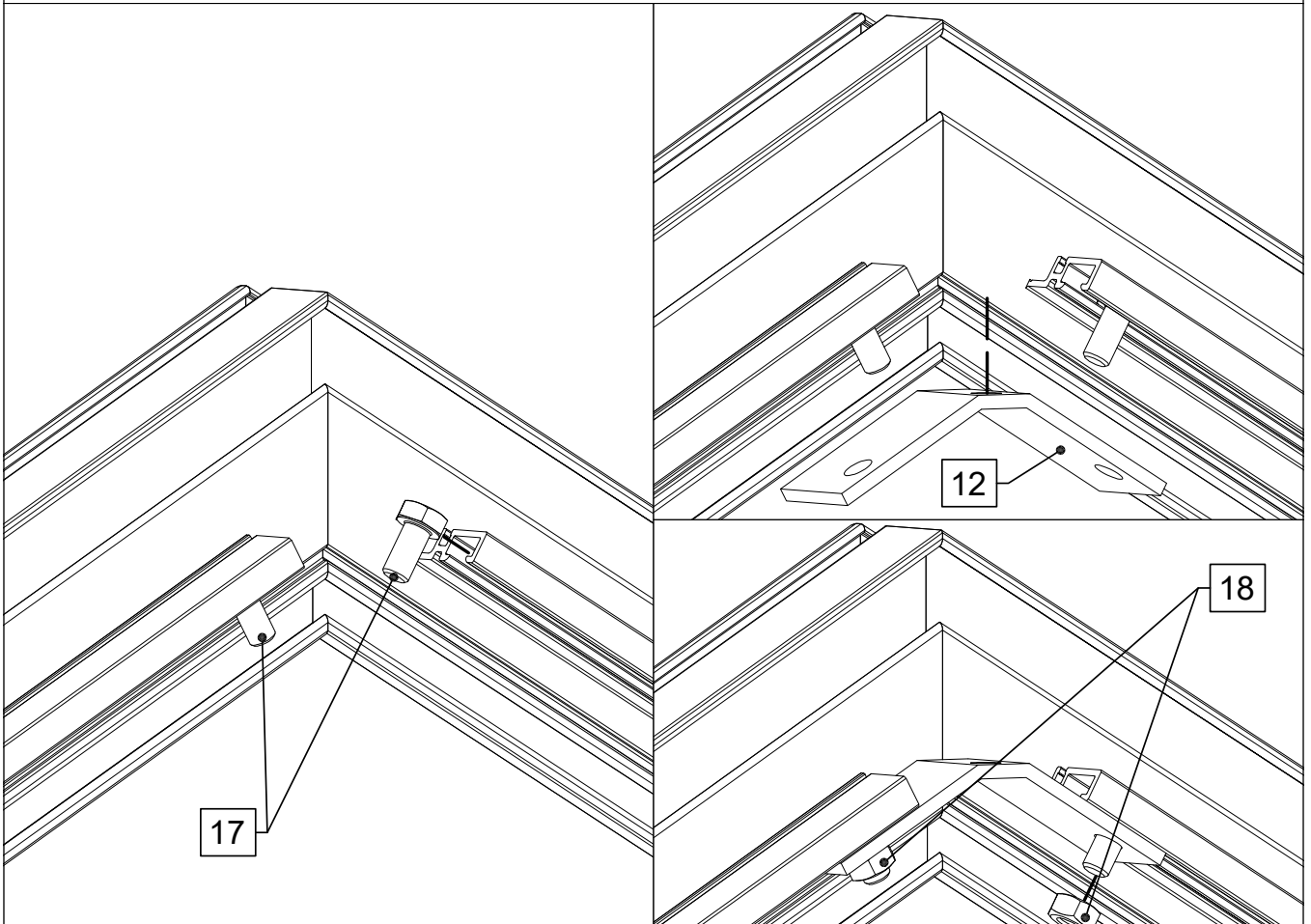
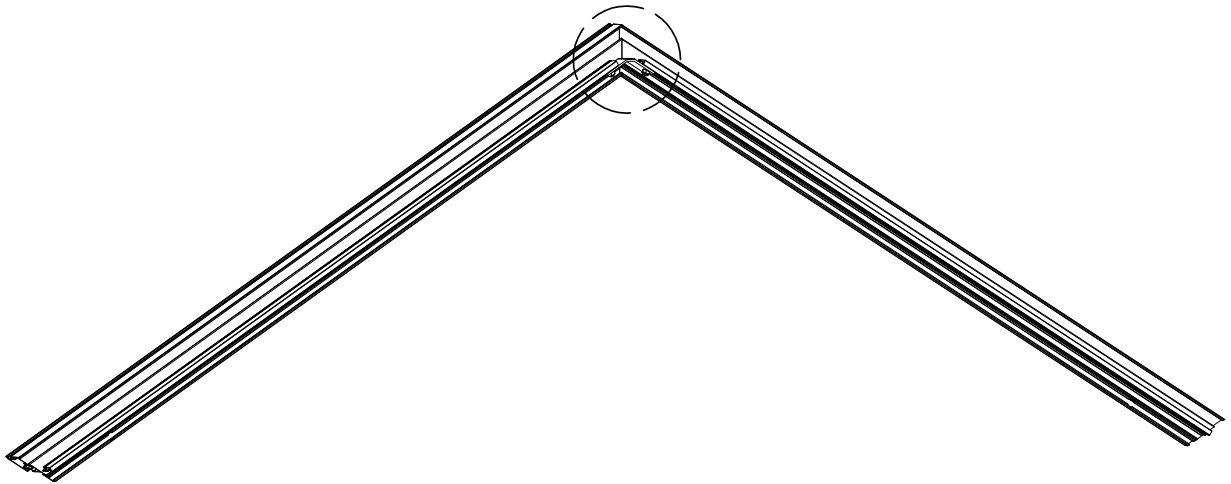


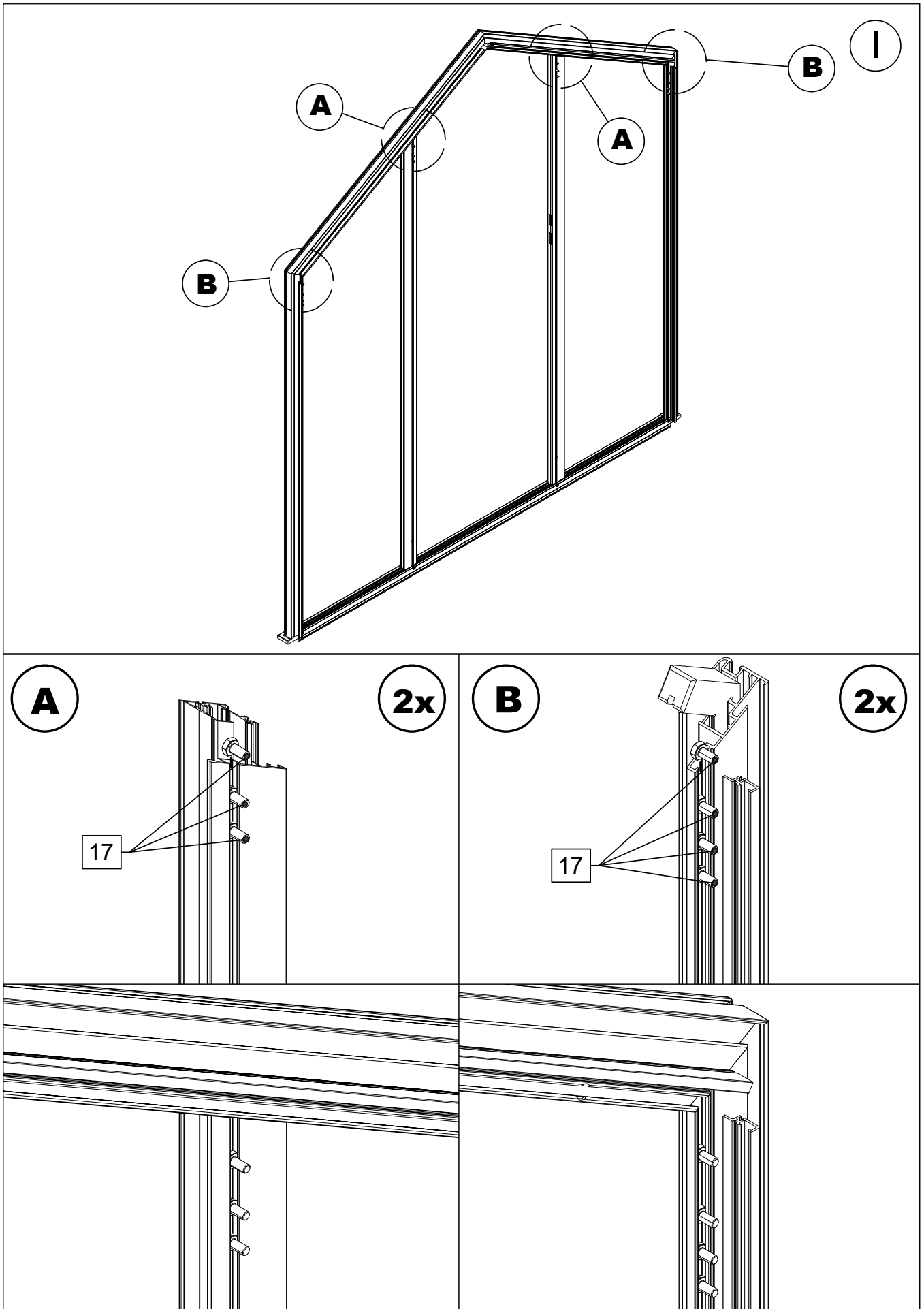


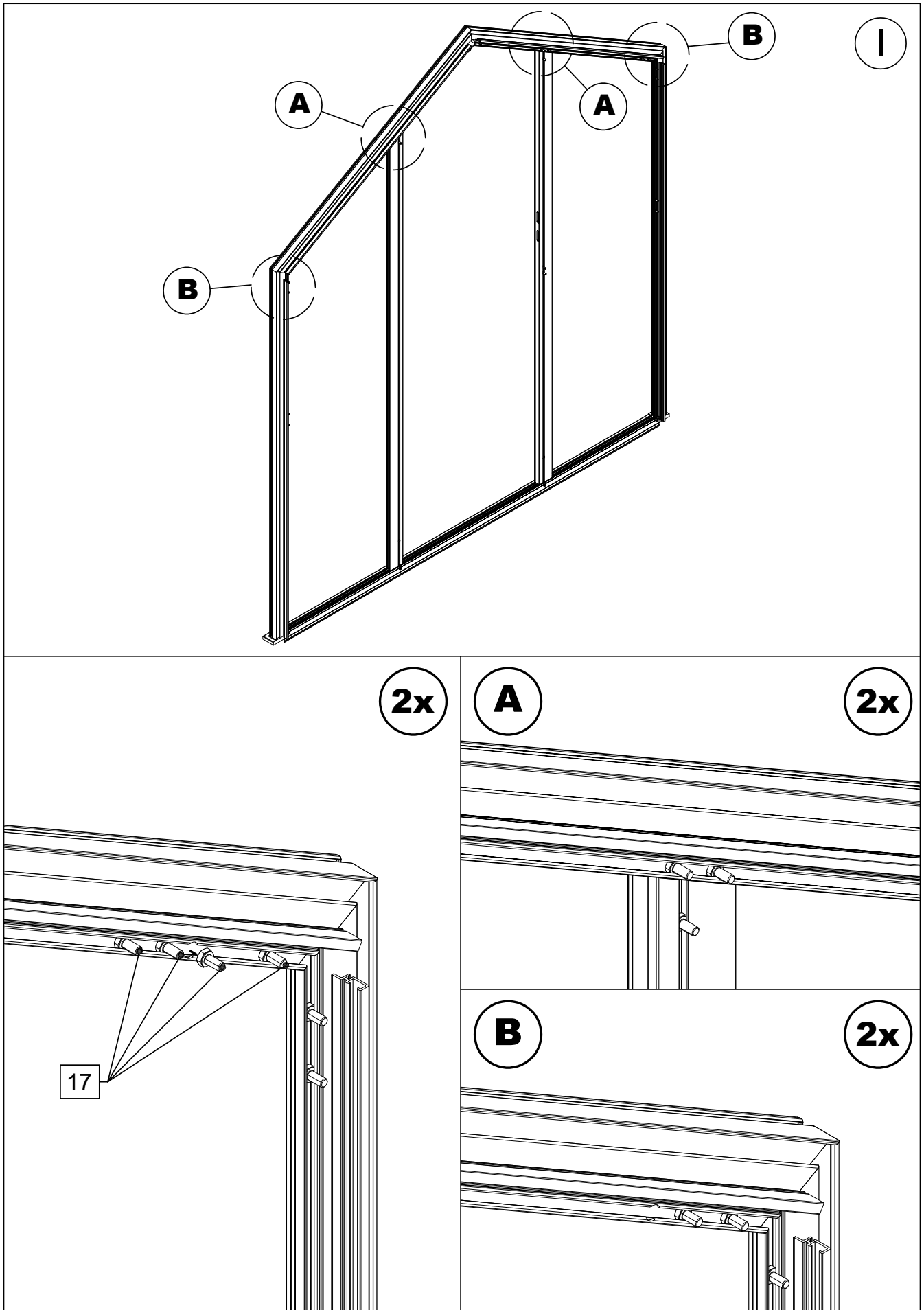


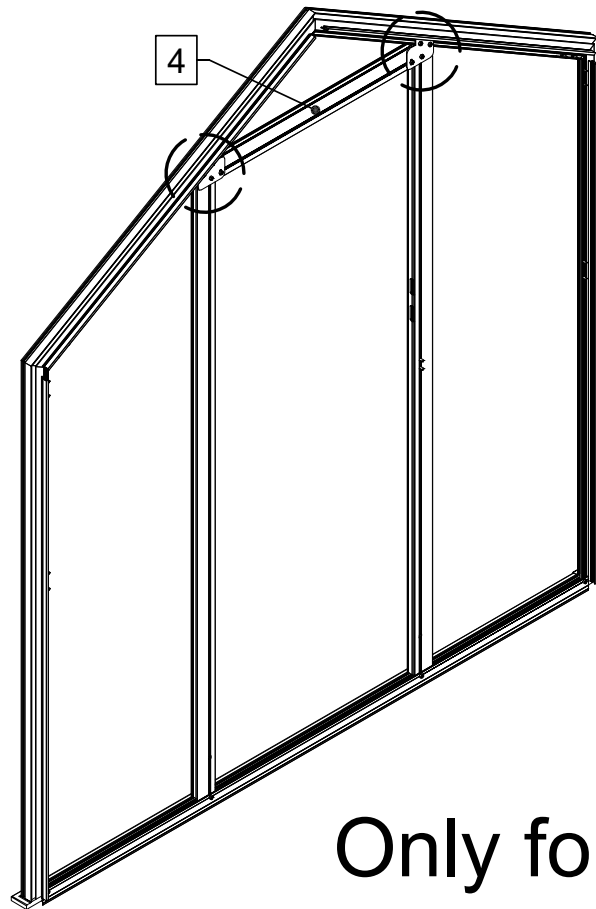


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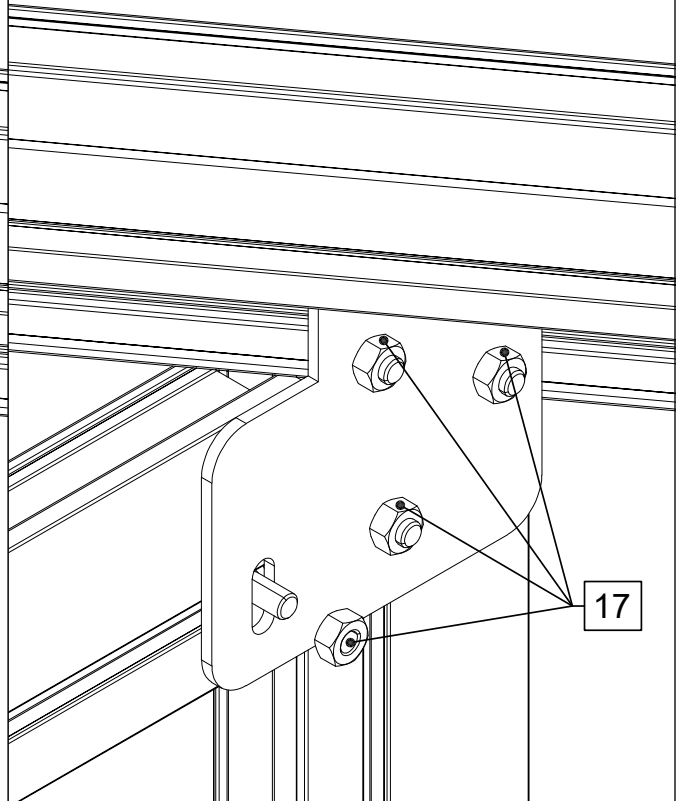
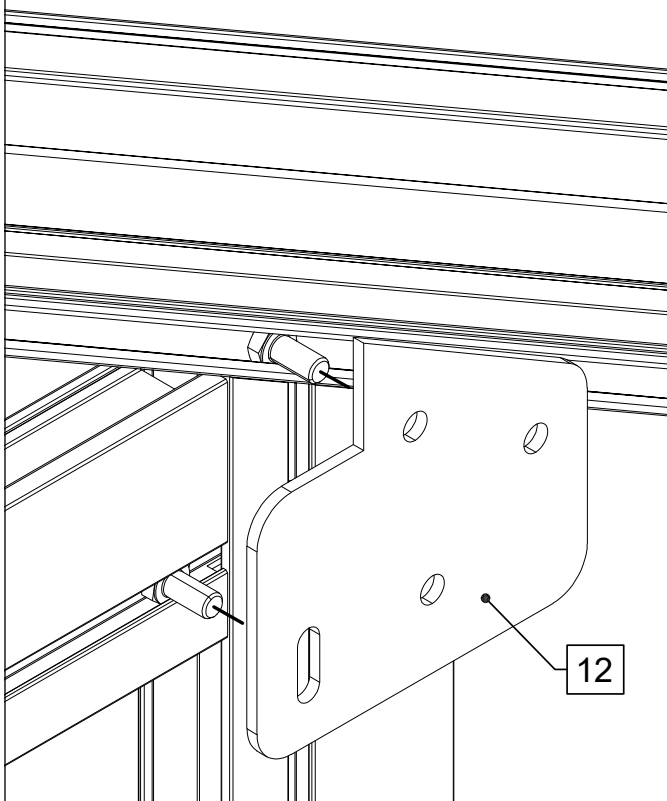


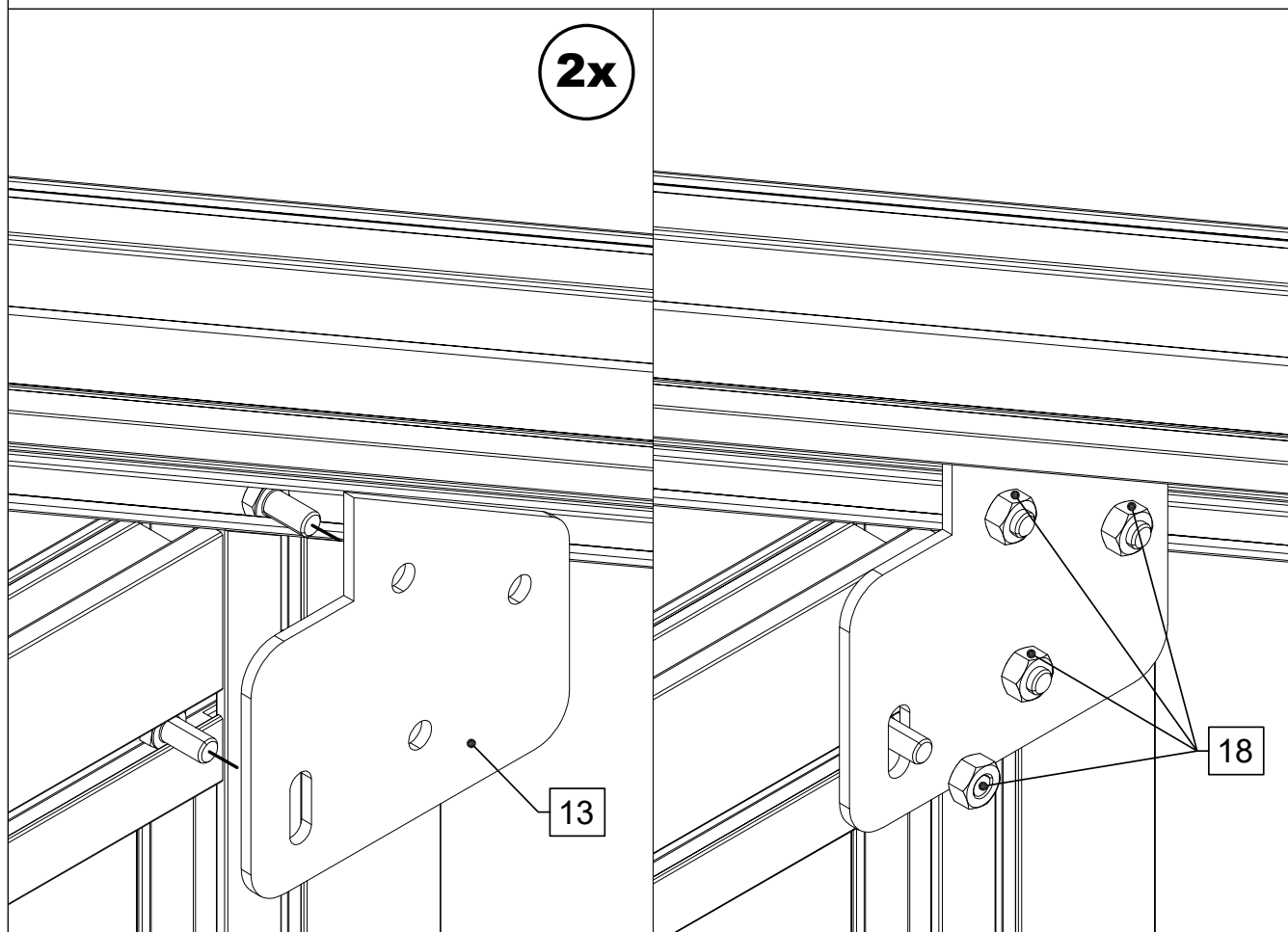




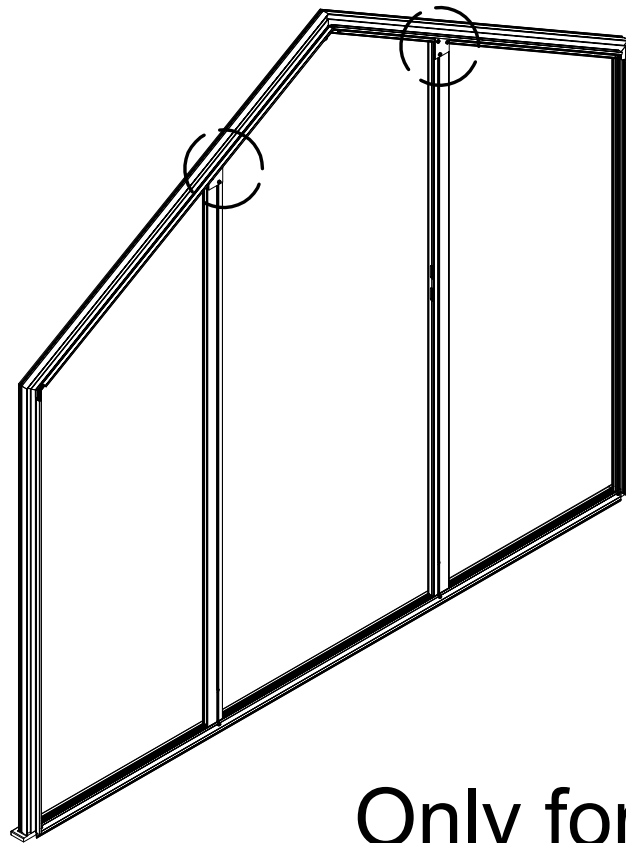
Only for Solara!

2x



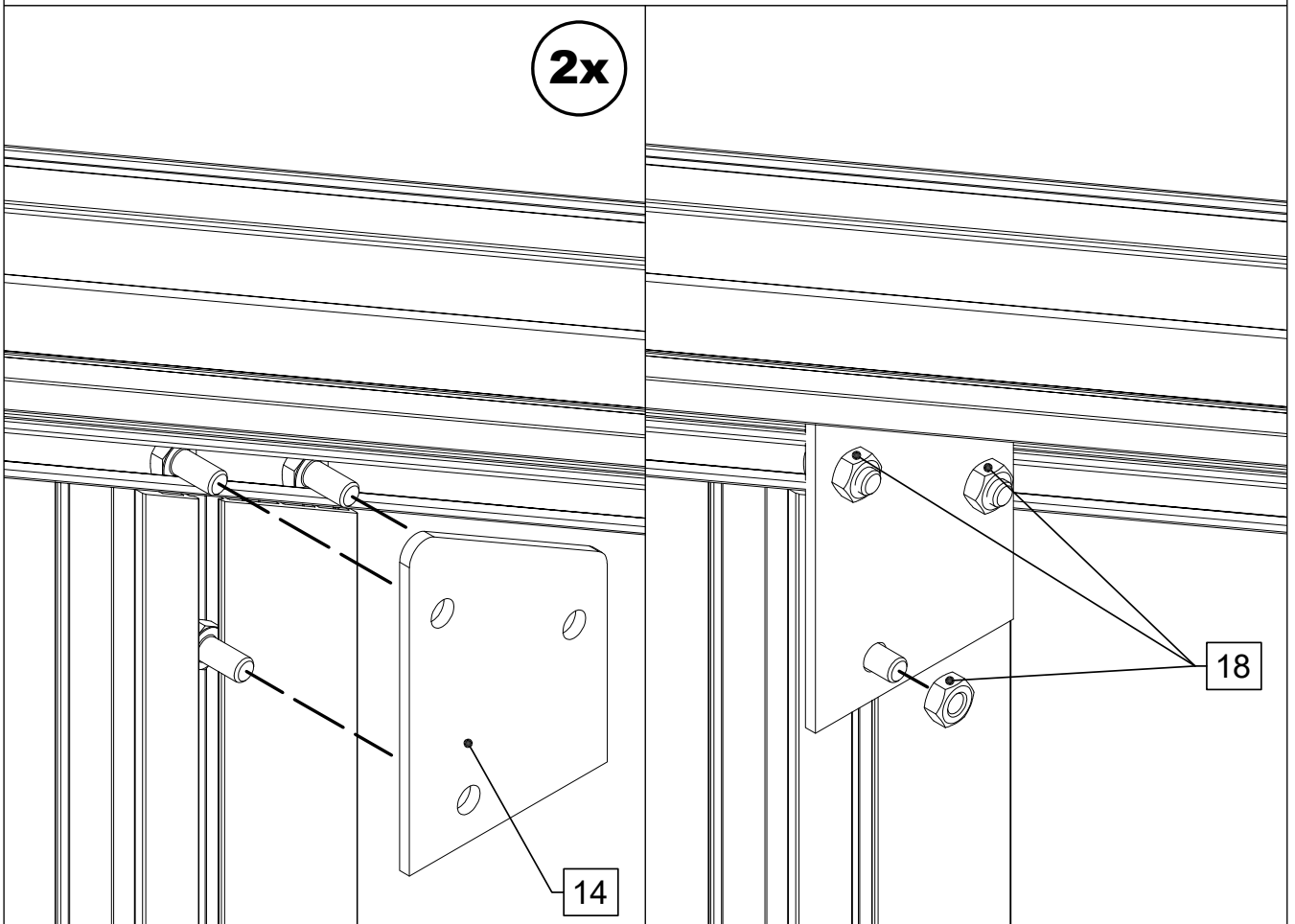


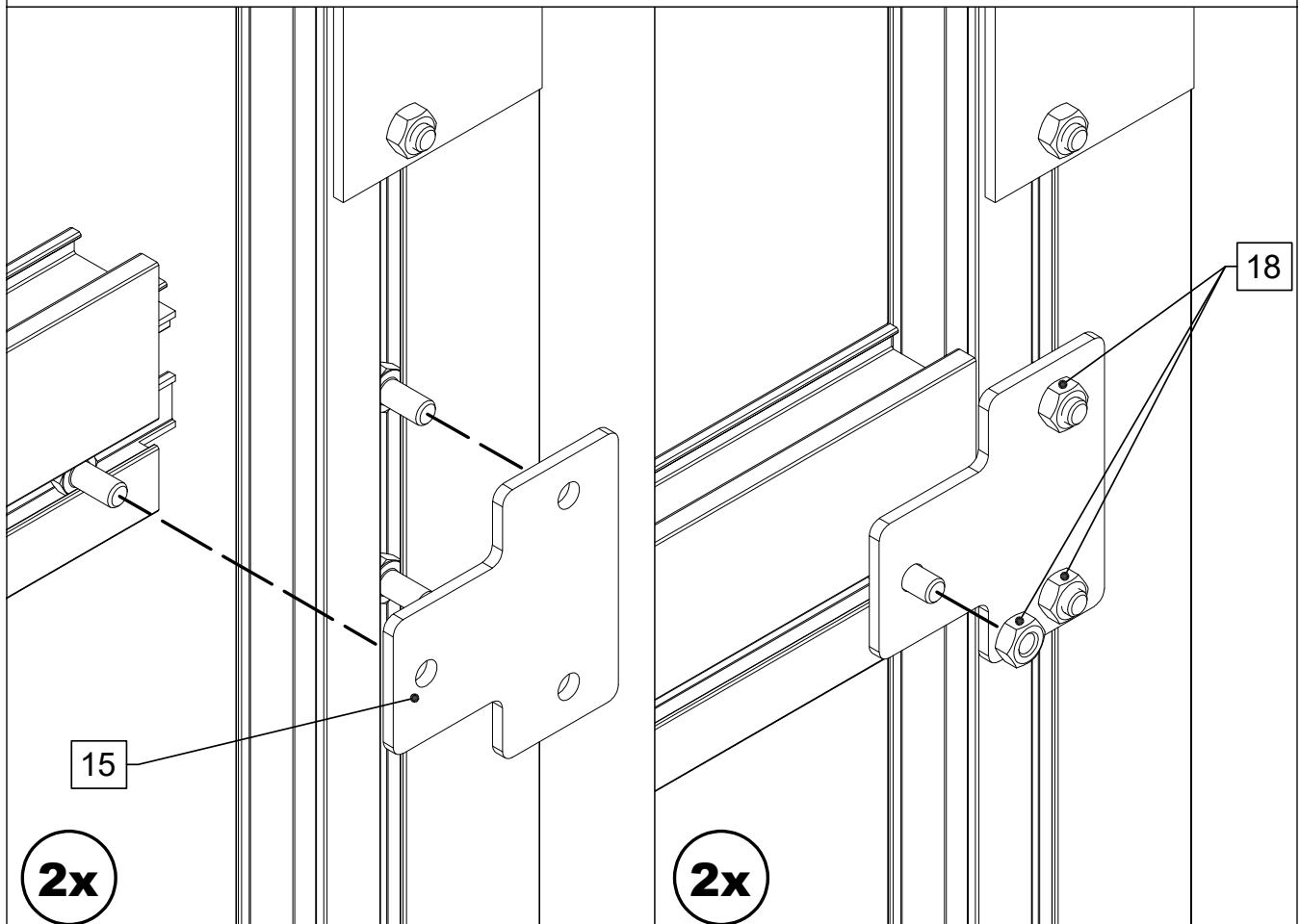
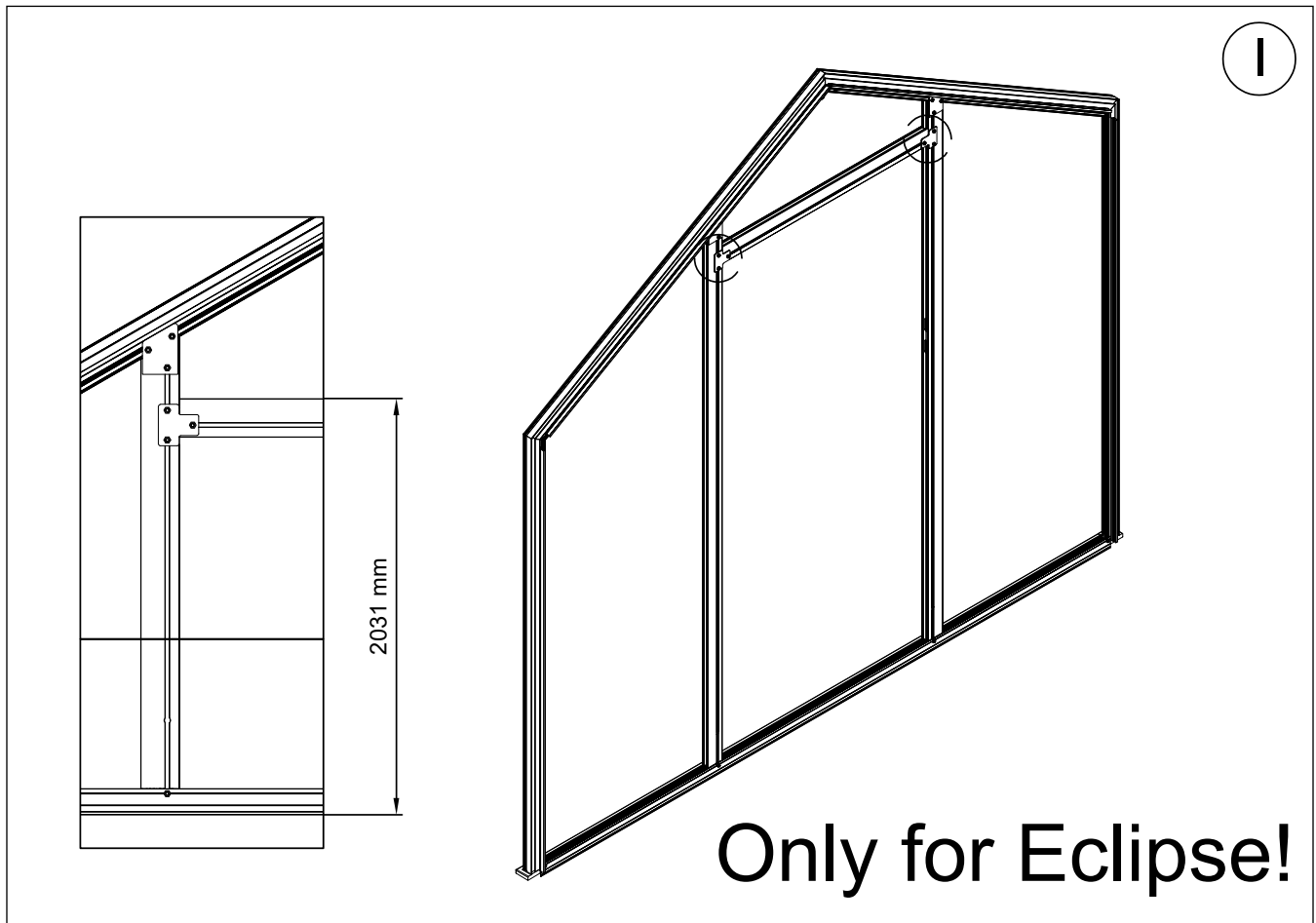
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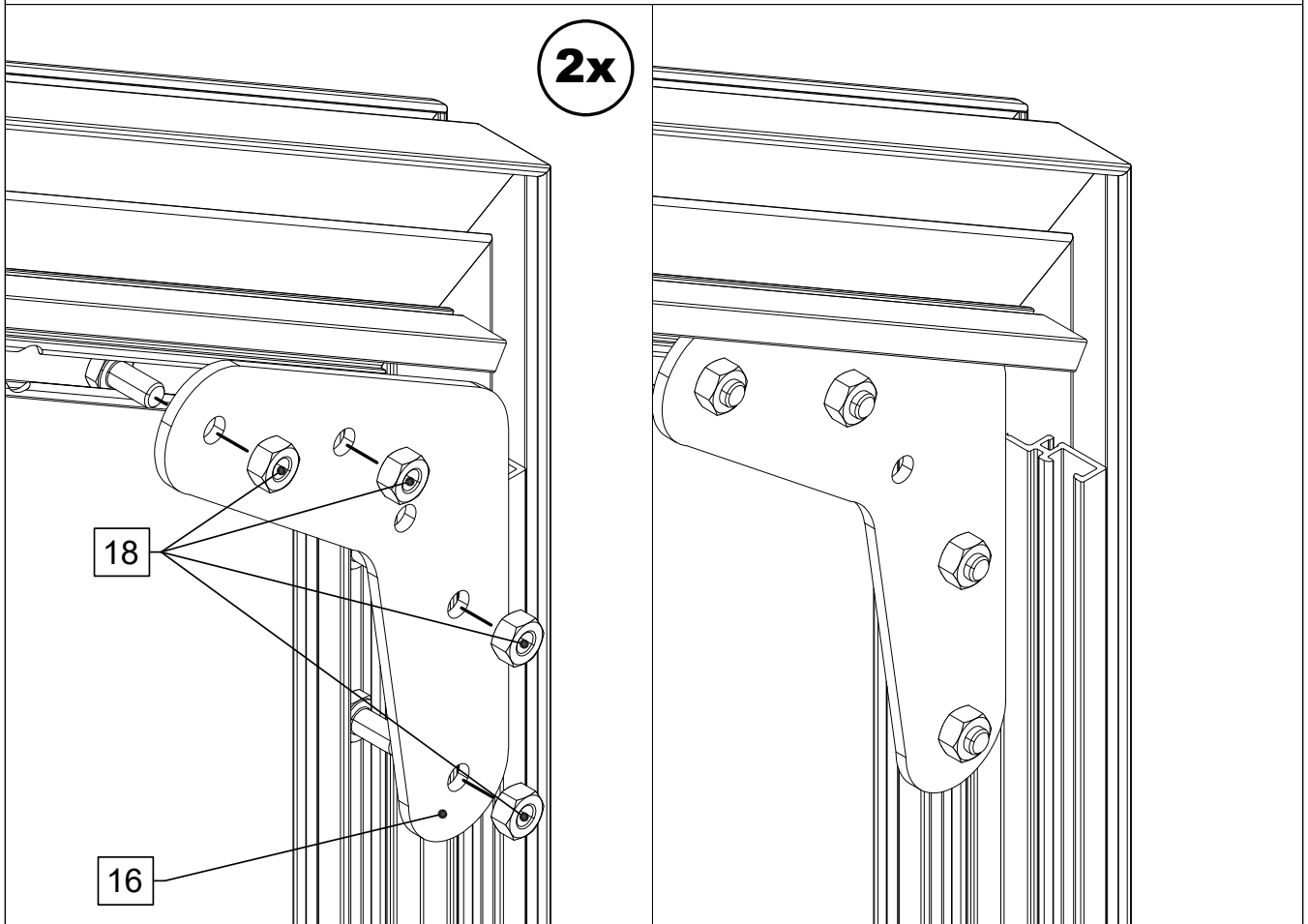
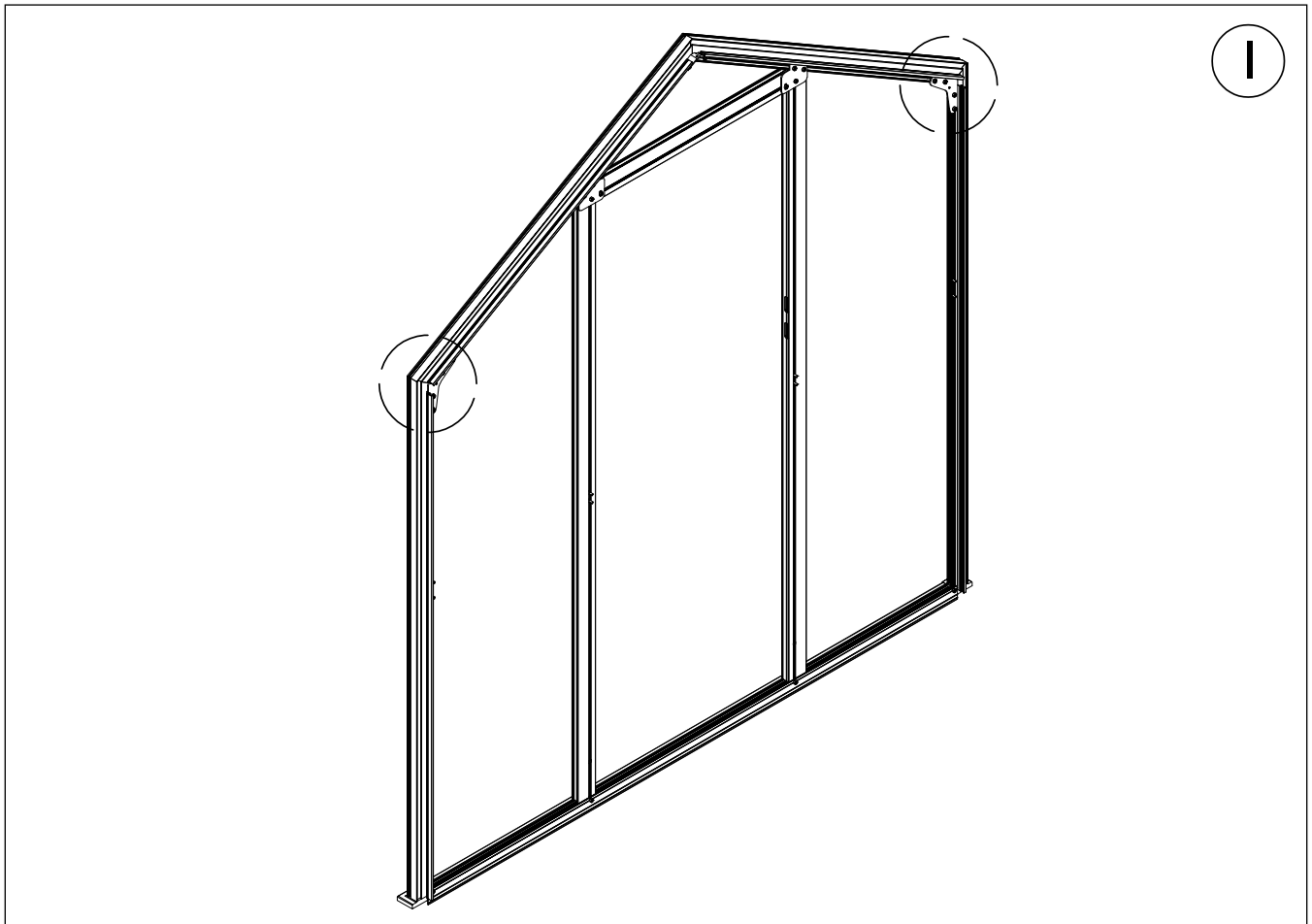


Only for Eclipse!

2x

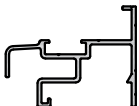
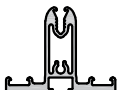


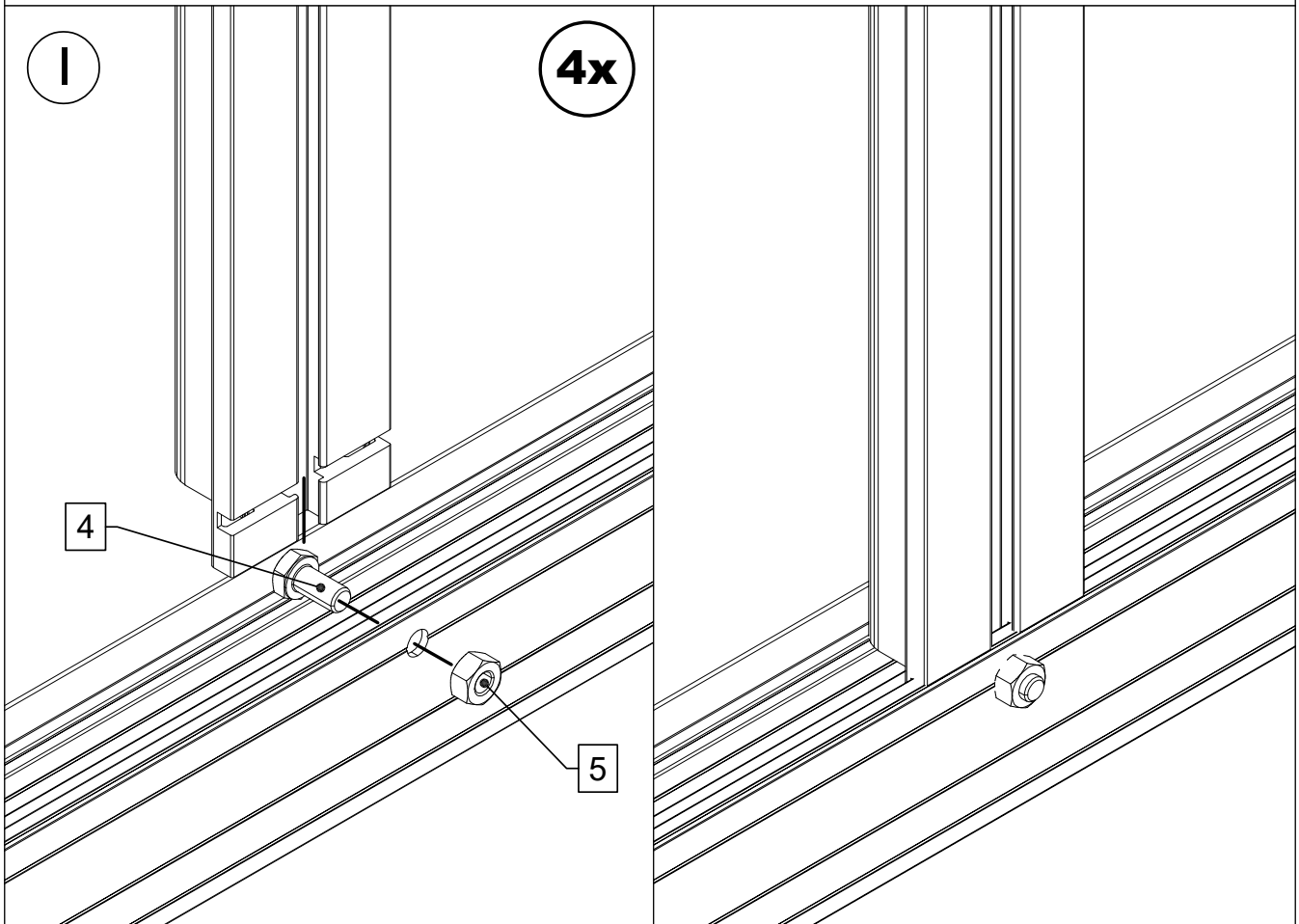
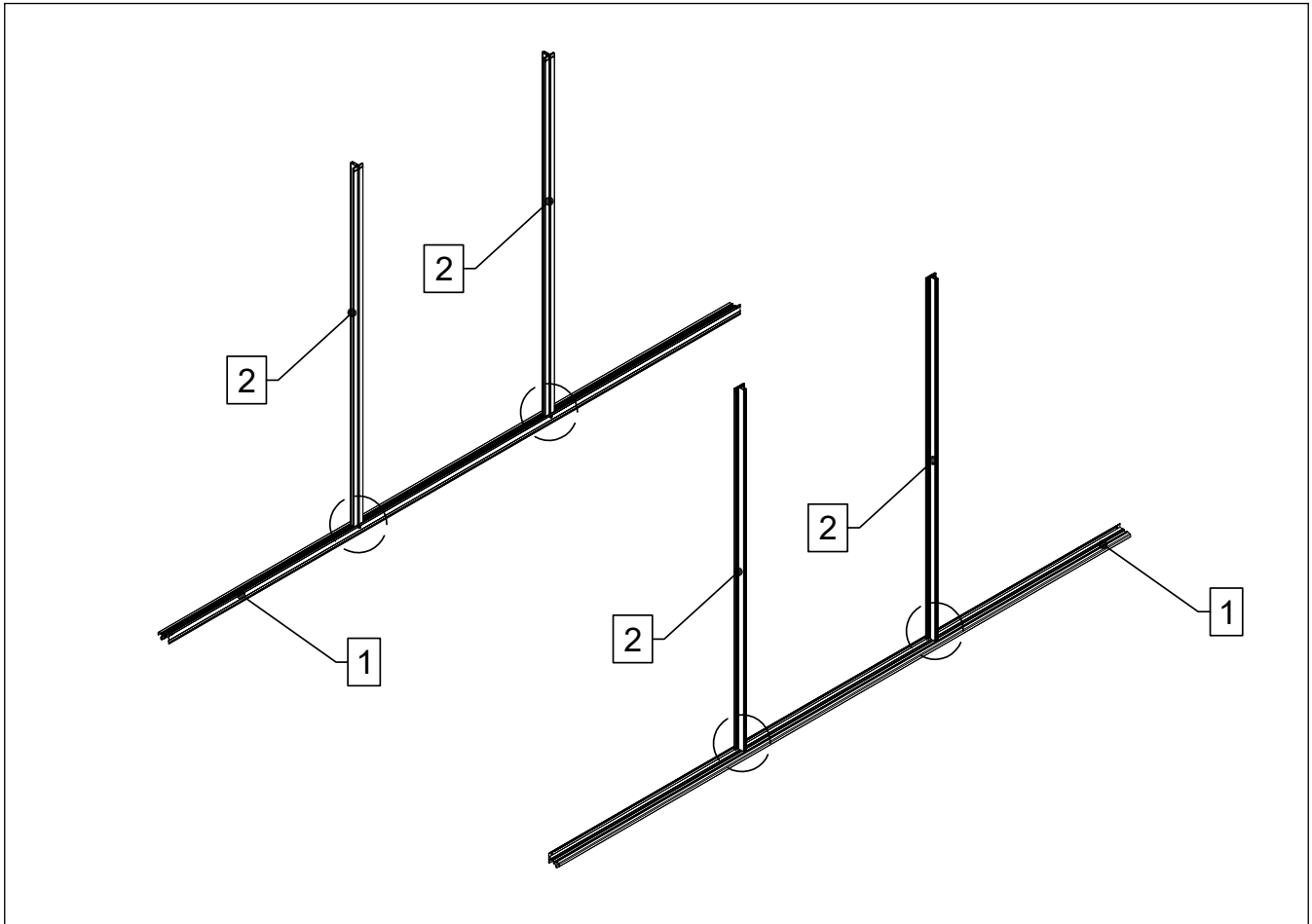


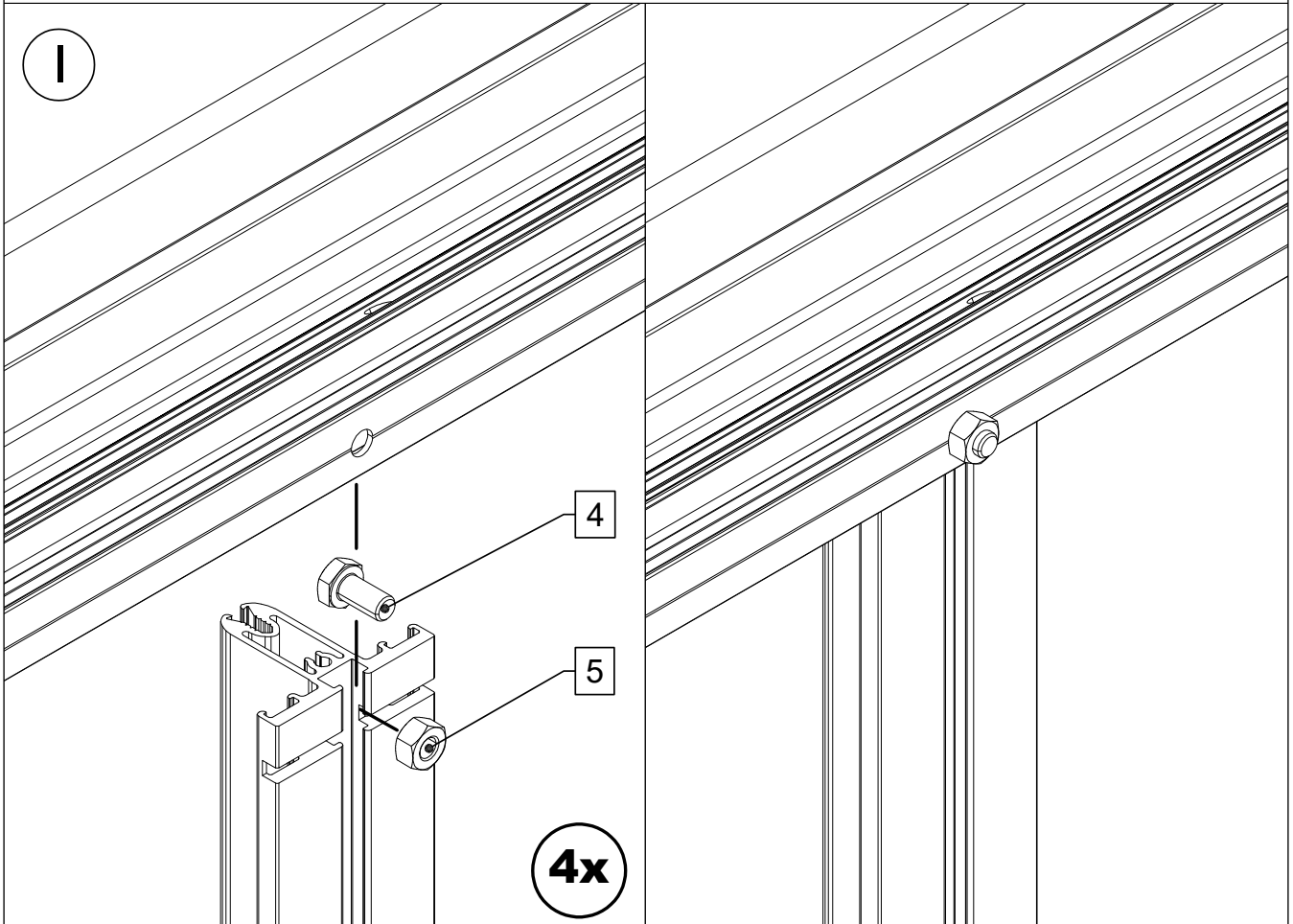
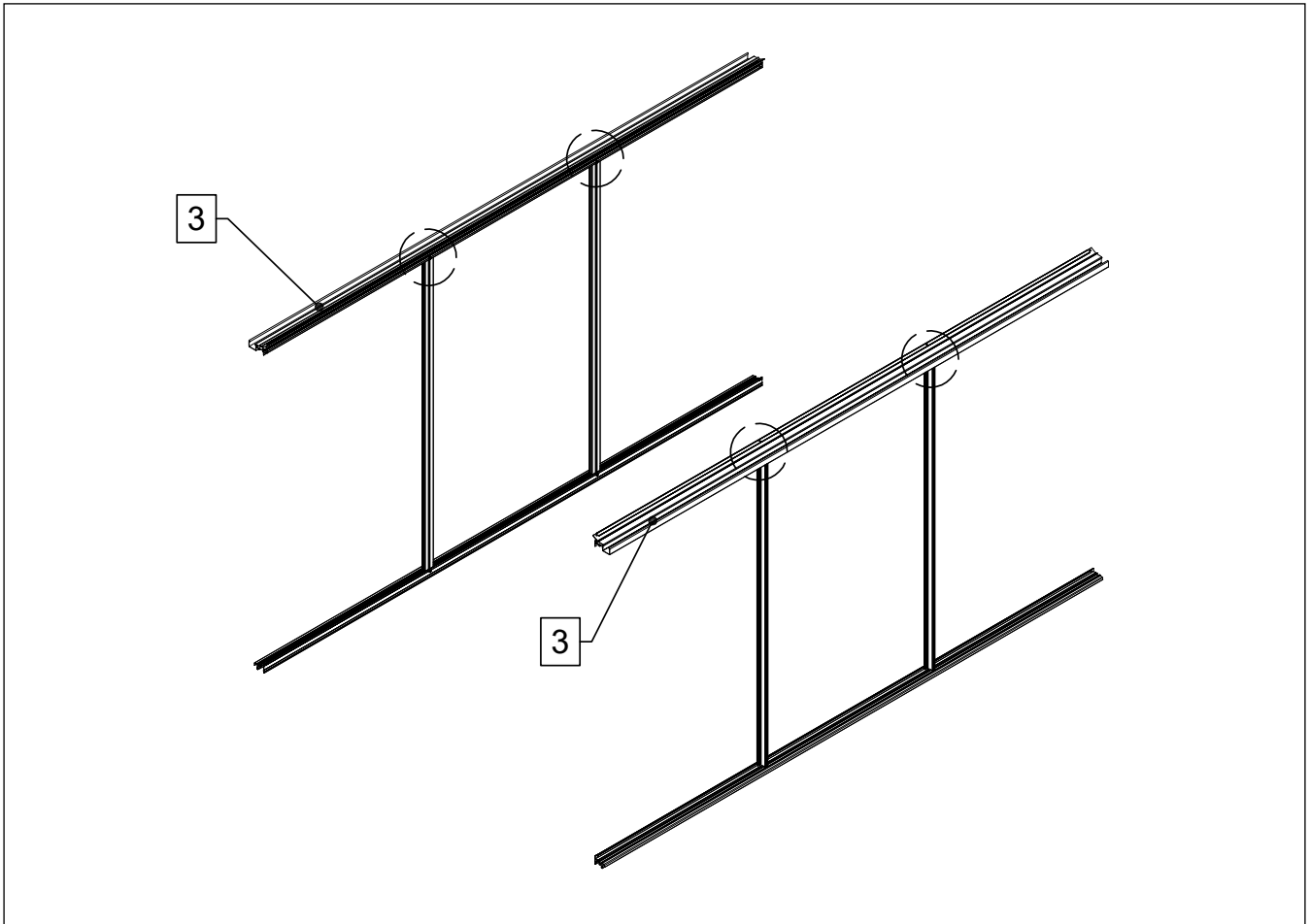


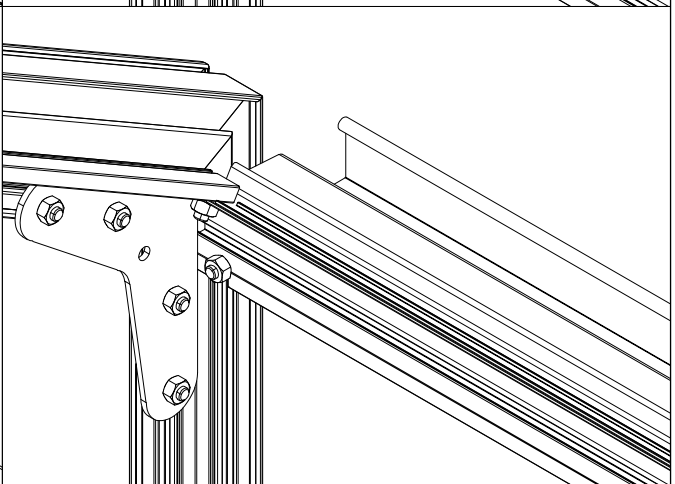
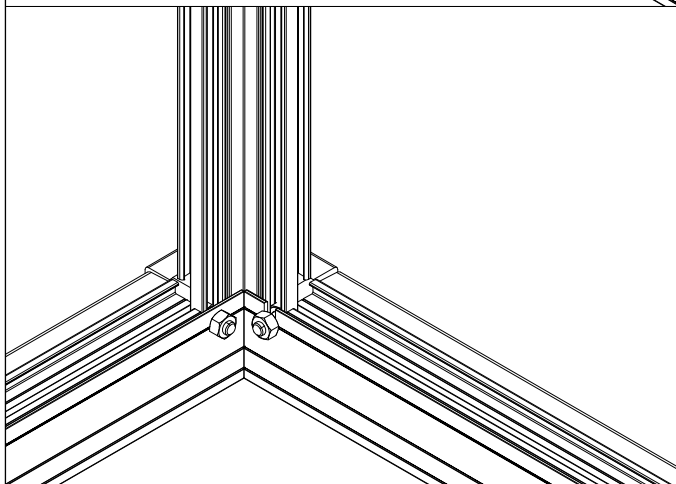
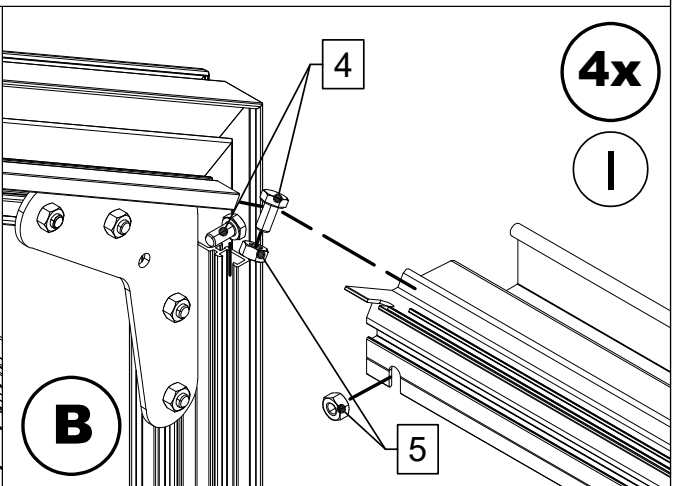
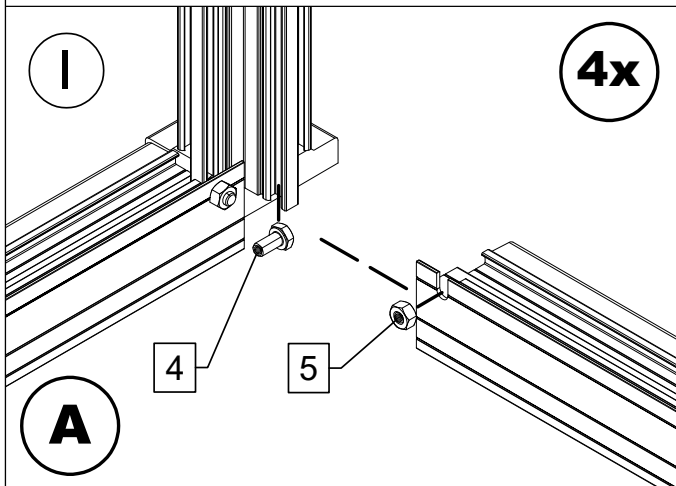
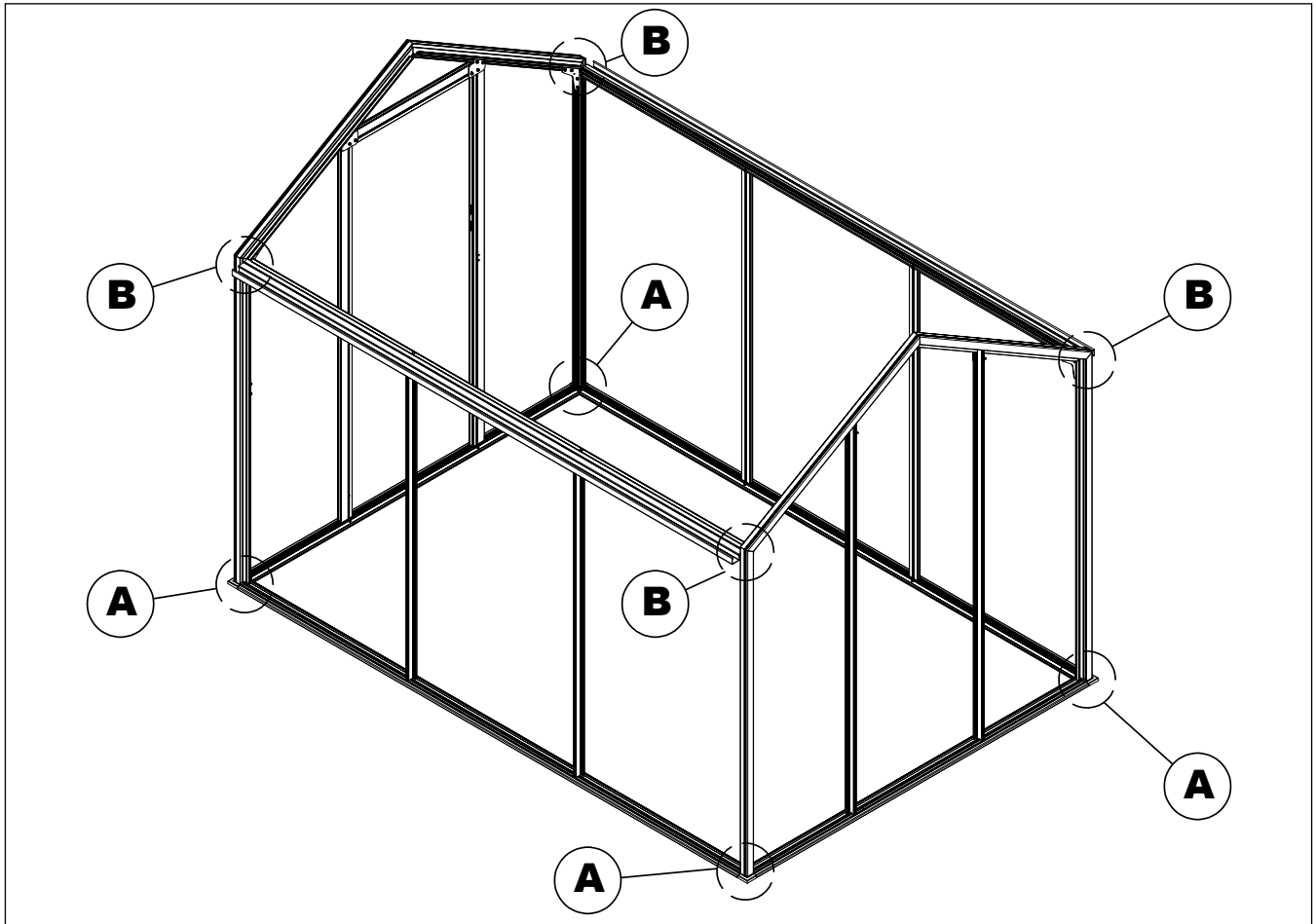
PARTS LIST SIDE/EAVES

Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
1		P005-03-01-00-00-1 P005-04-01-00-00-1 P005-05-01-00-00-1	Soil Profile	2 2 2	Typ 2: 1982 mm Typ 3: 2982 mm Typ 4: 3982 mm
2		P014-05-01-00-00-1	KPT Rung	Typ 2: 2 Typ 3: 4 Typ 4: 6	1636 mm
3		P015-01-01-00-00-1 P015-02-01-00-00-1 P015-03-01-00-00-1	Gutter	2 2 2	Typ 2: 1984 mm Typ 3: 2984 mm Typ 4: 3984 mm
4		9999000124	Hex Screw M6 x 12	Typ 2: 16 Typ 3: 20 Typ 4: 24	DIN 933
5		9999000128	Hex Nut M6	Typ 2: 16 Typ 3: 20 Typ 4: 24	DIN 934
6					
7					
8					
9					
10					
11					
12					

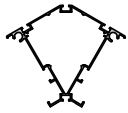
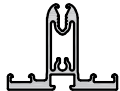


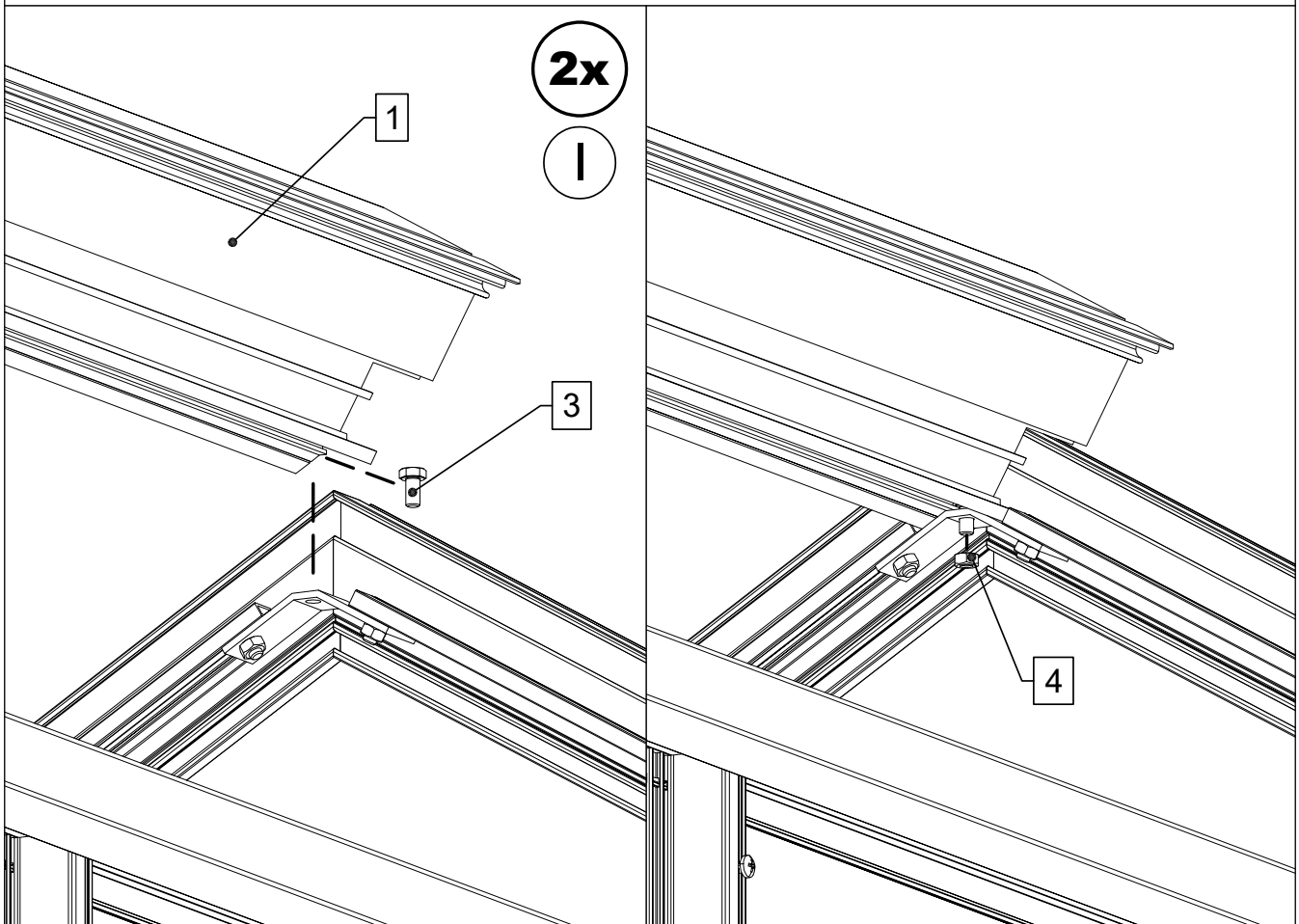
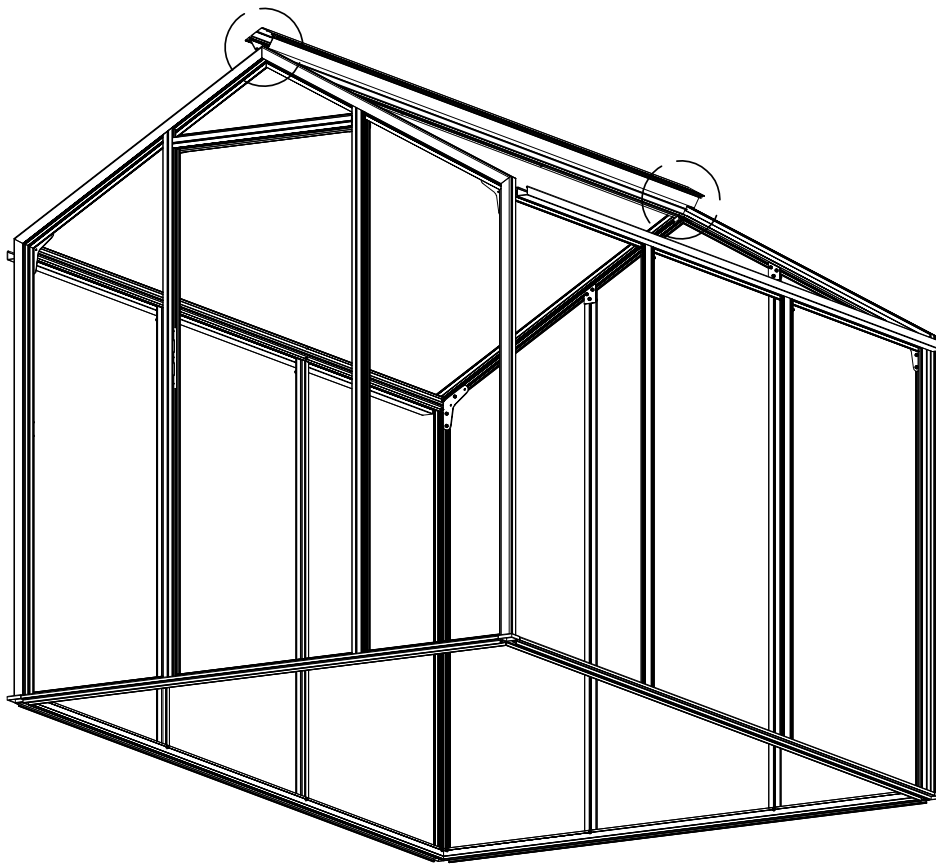


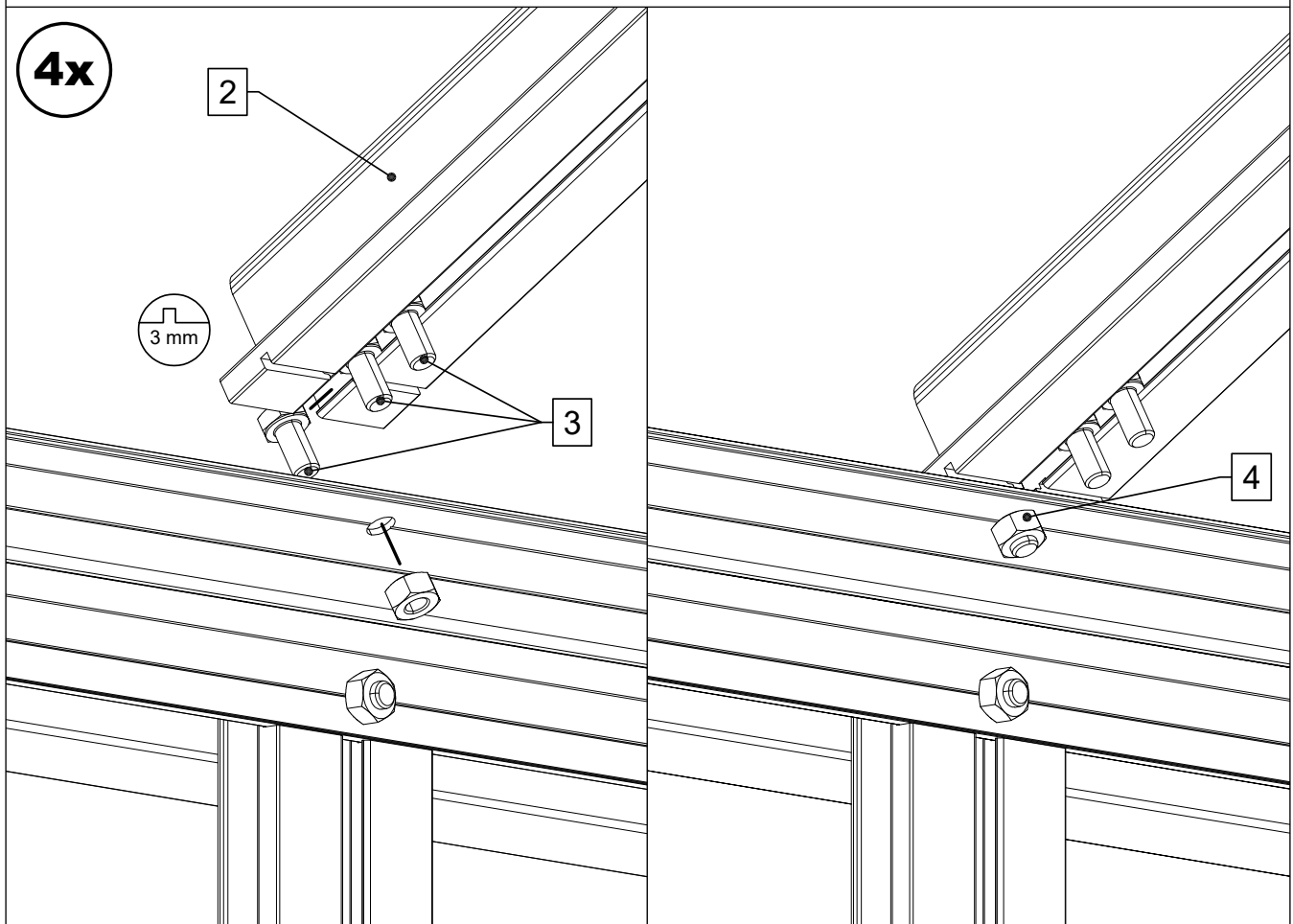
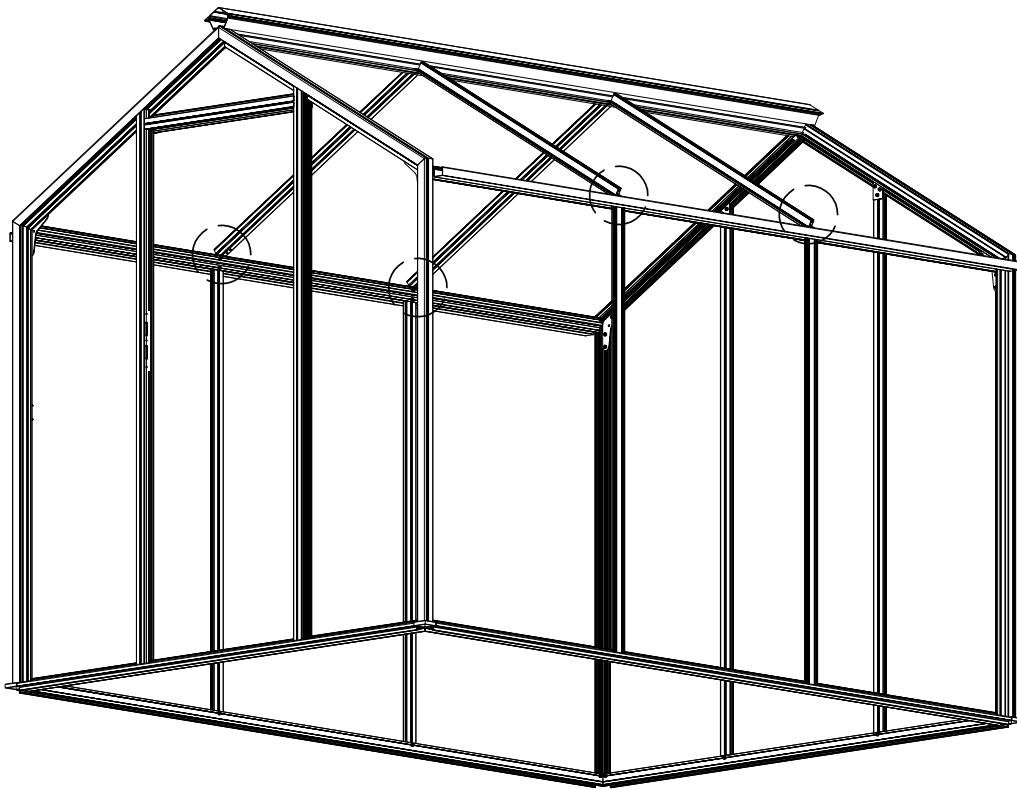


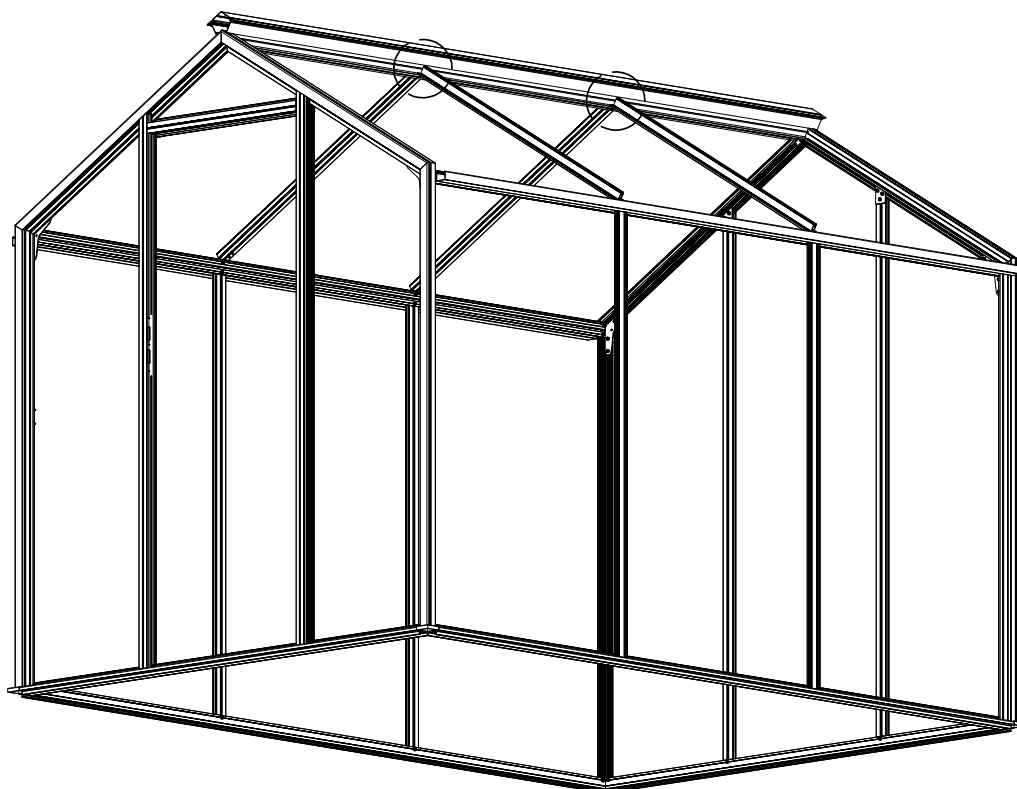
PARTS LIST ROOF

Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
1		P016-01-01-00-00-1 P016-02-01-00-00-1 P016-03-01-00-00-1	Ridge profile	1 1 1	Typ 2: 2064 mm Typ 3: 3064 mm Typ 4: 4064 mm
2		P014-06-01-00-00-1 P014-07-01-00-00-1	KPT Rung	Typ 2: 2 Typ 3: 4 Typ 4: 6	Solara: 1139mm Eclipse: 1465mm
3		9999000124	Hex Screw M6 x 12	Typ 2: 10 Typ 3: 18 Typ 4: 22	DIN 933
4		9999000128	Hex Nut M6	Typ 2: 6 Typ 3: 10 Typ 4: 14	DIN 934
5					
6					
7					
8					
9					
10					
11					
12					







4x

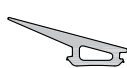
4,5 mm

3

4

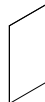
PARTS LIST GLAZING RW-GABLE

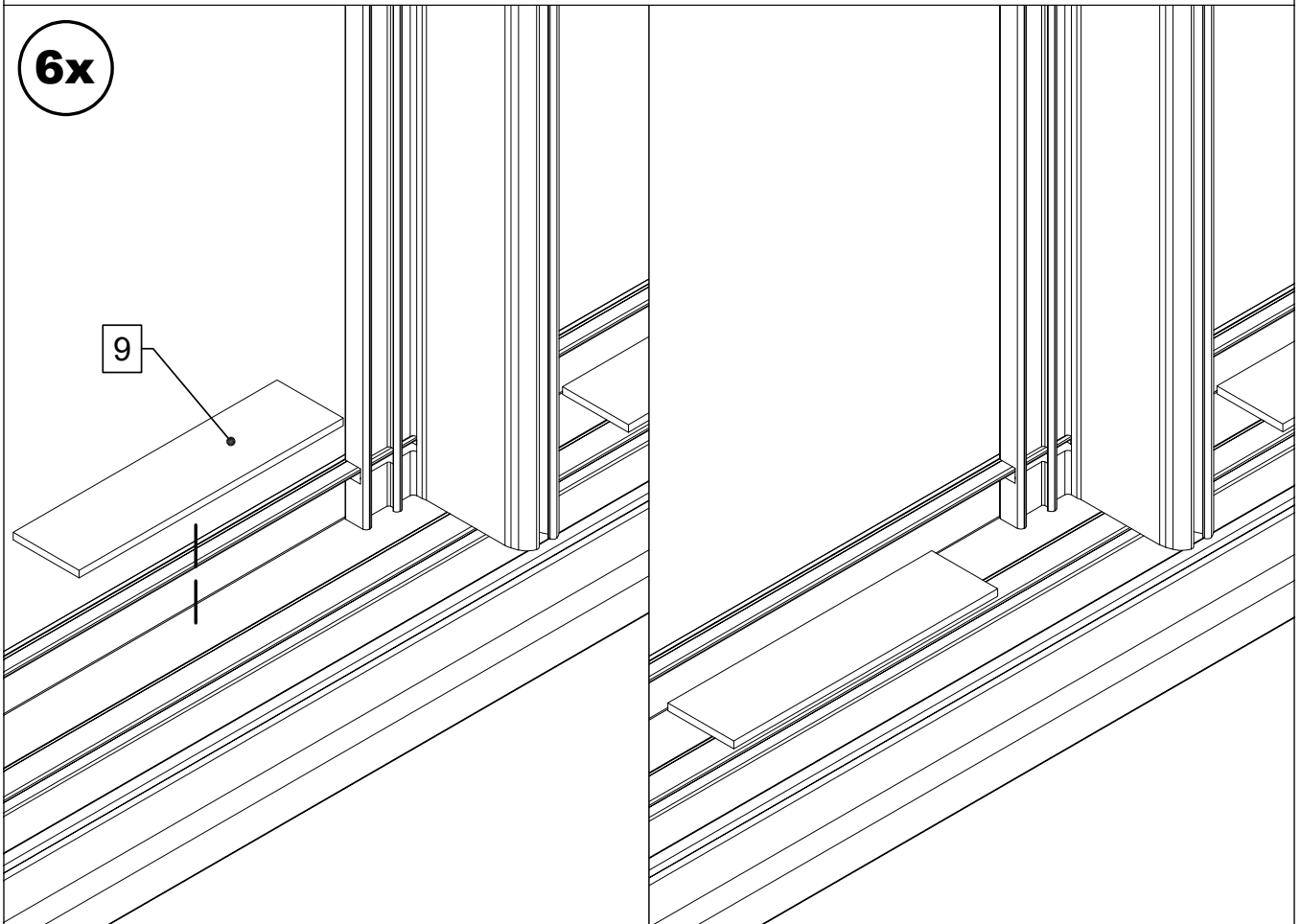
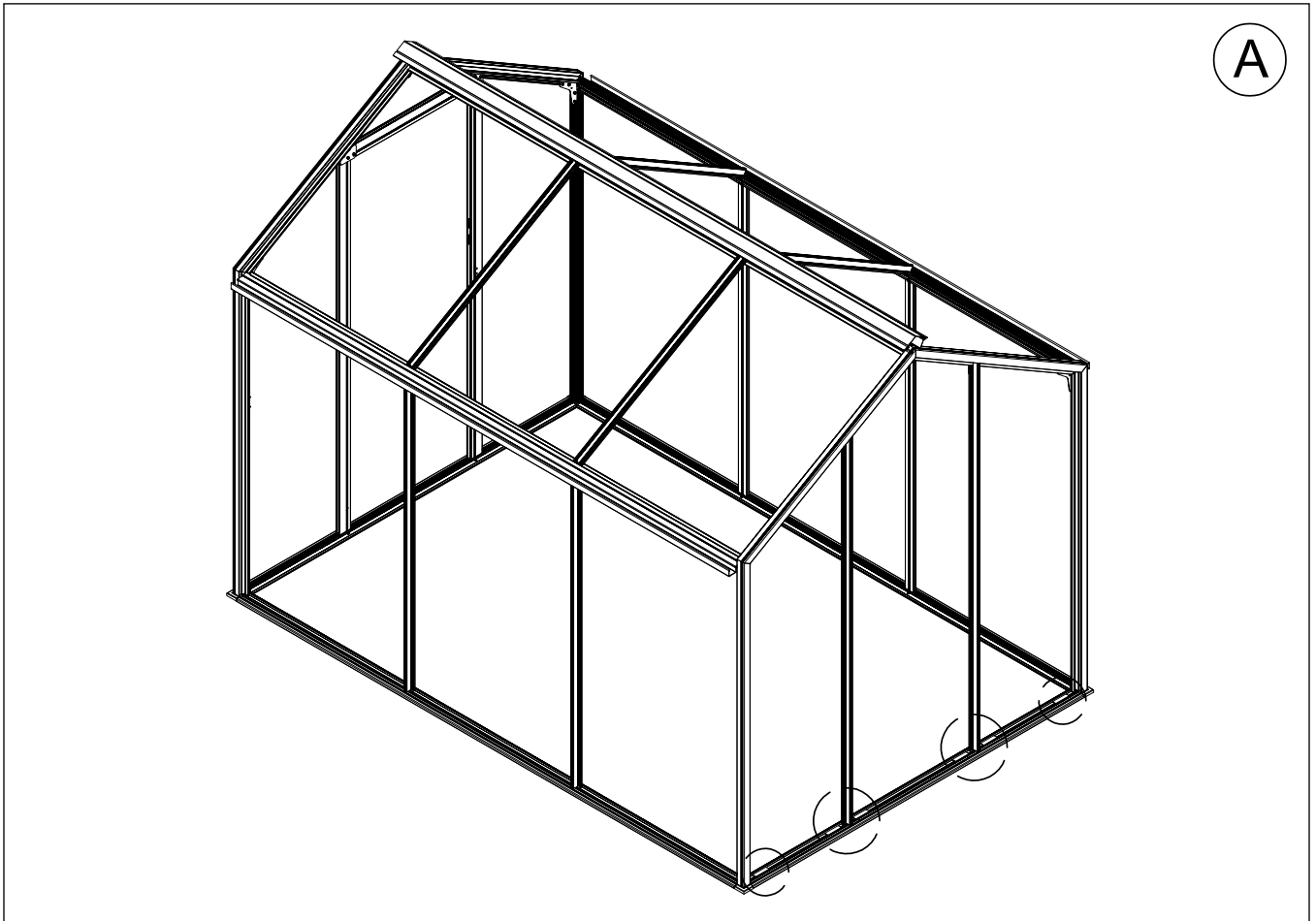
Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
1		P010-01-01-00-02-1 P010-03-01-00-02-1	Crossbar 6mm (edge, notch: 15/22mm) Only for 4mm comparison.	2	Solara: 598mm Eclipse: 780mm
2		P010-02-01-00-02-1 P010-04-01-00-02-1	Crossbar 6mm (Center, notch: 15/15mm) Only for 4mm comparison.	1	Solara: 745mm Eclipse: 945mm
3		P013-01-01-00-04-1 P013-03-01-00-04-1	Crossbar 10mm (edge, notch: 15/22mm) Only for 10mm comparison.	2	Solara: 598mm Eclipse: 780mm
4		P013-02-01-00-04-1 P013-04-01-00-04-1	Crossbar 10mm (center, notch: 15/15mm) Only for 10mm comparison.	1	Solara: 745mm Eclipse: 945mm
5		P011-01-01-00-02-1 P011-03-01-00-02-1	Cover strip 6mm (left) Only for 4mm compare.	1 1	Solara: 2021mm Eclipse: 2126mm
6		P011-02-01-00-02-1 P011-04-01-00-02-1	Cover strip 6mm (right) Only for 4mm compare.	1 1	Solara: 2021mm Eclipse: 2126mm
7		P012-05-01-00-04-1 P012-07-01-00-04-1	Cover strip 10mm (left) Only for 10mm compare.	1 1	Solara: 2021mm Eclipse: 2126mm
8		P012-06-01-00-00-1 P012-08-01-00-00-1	Cover strip 10mm (right) Only for 10mm compare.	1 1	Solara: 2021mm Eclipse: 2126mm
9		9999000617	Wooden glazing block 80 x 20 x 2mm	6	
10		9999000144	Lens head screw 4.2 x 13mm	12	DIN 7981
11		9999000116	Seal GHD 4-10mm	8 lfdm. 9,1 lfdm.	Solara Eclipse
12		9999000118	Wedge seal 1-2mm Only compare with 4mm	4 lfdm. 5 lfdm.	Solara Eclipse

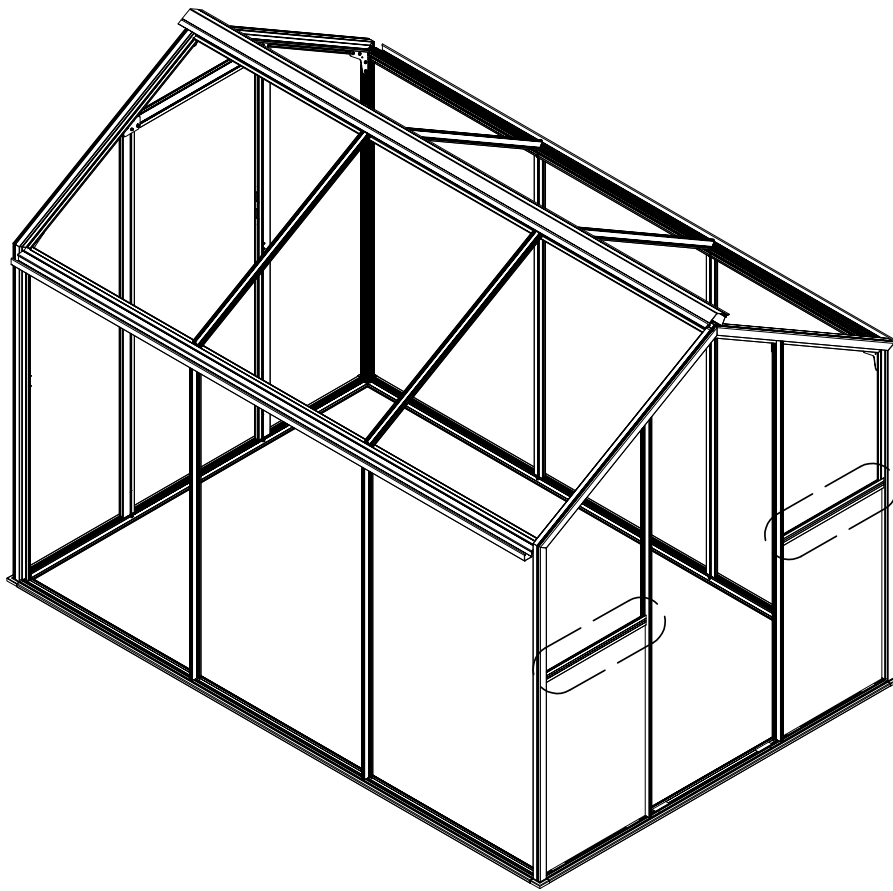
PARTS LIST GLAZING RW-GABLE

Solara/Eclipse

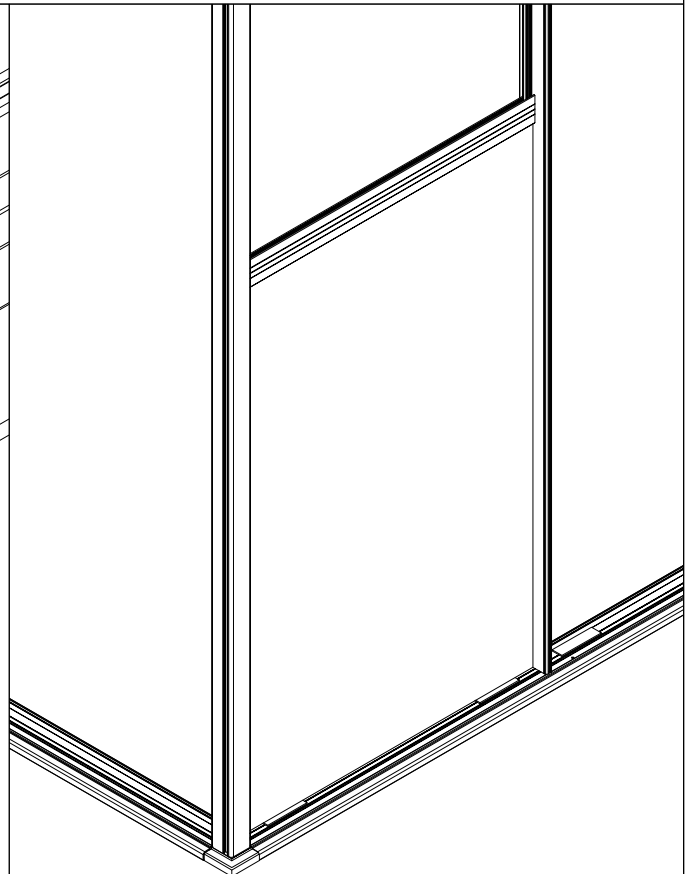
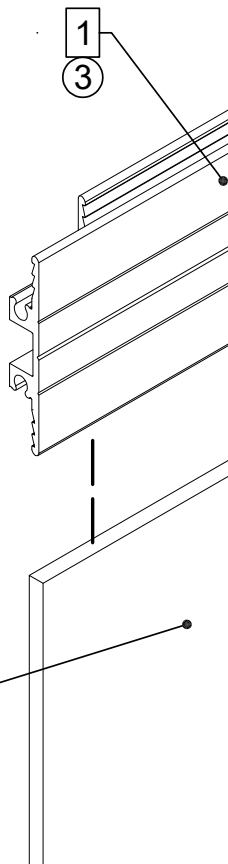
No.	Diagram	Part No.	Description	Number	Comment
13		9999000376	Rung Seal 2mm	8,4 lfdm. 8,7 lfdm.	Solara Eclipse
14			Glazing (bottom, outside) 974 x 595mm 967 x 780mm	2 2	Solara Eclipse
15			Glazing (bottom, centre) 974 x 744mm 967 x 944mm	1 1	Solara Eclipse
16			Glazing (top, outside) 1007/662 x 595mm 1122/667 x 780mm	2 2	Solara Eclipse
17			Glazing (top, center) 1020/1237 x 744mm 1126/1401 x 944mm	1 1	Solara Eclipse
18					
19					
20					
21					
22					
23					
24					

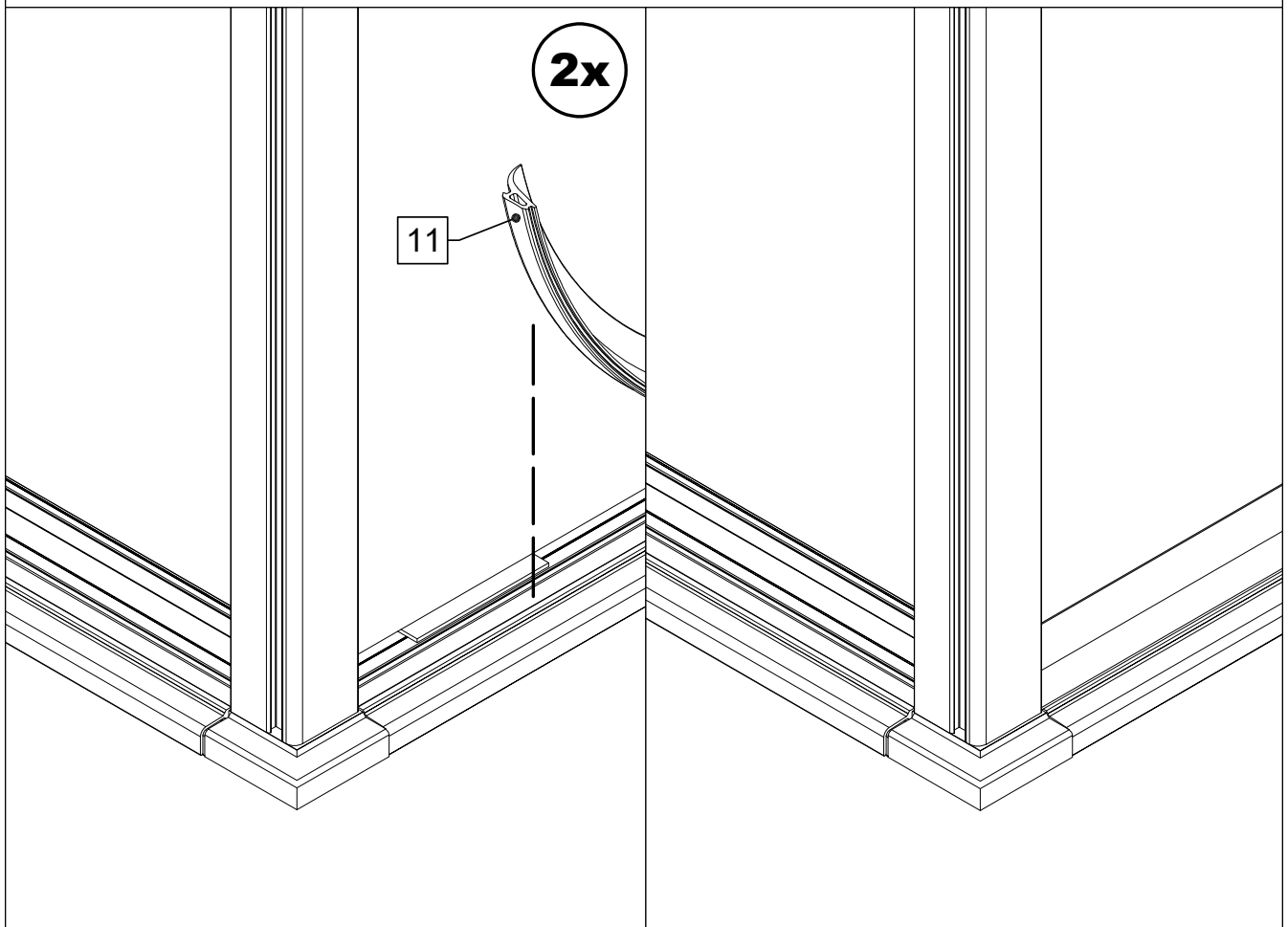
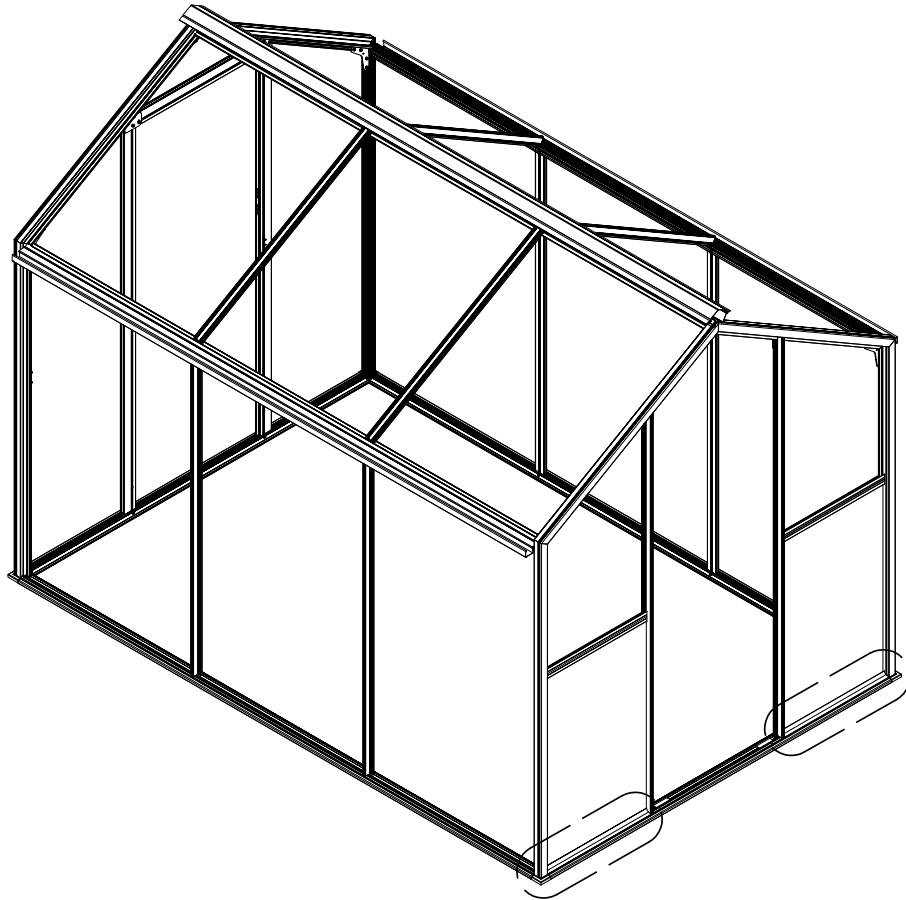


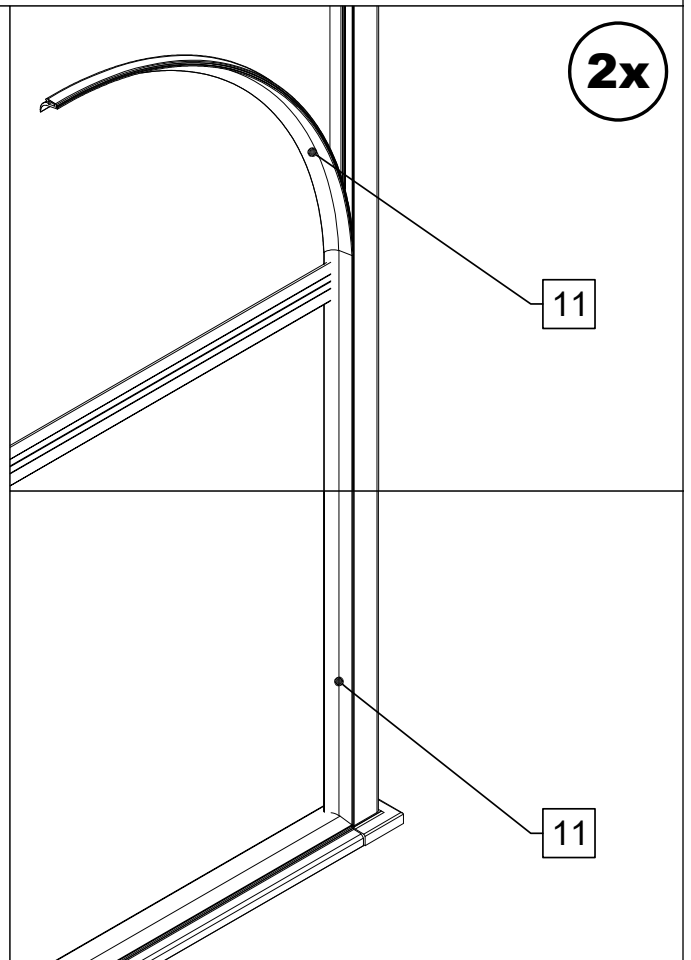
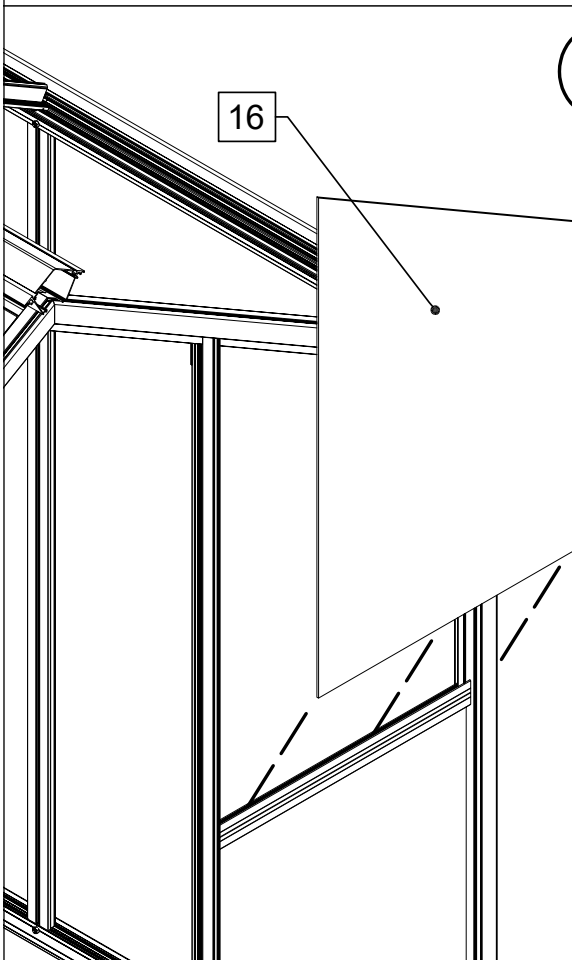
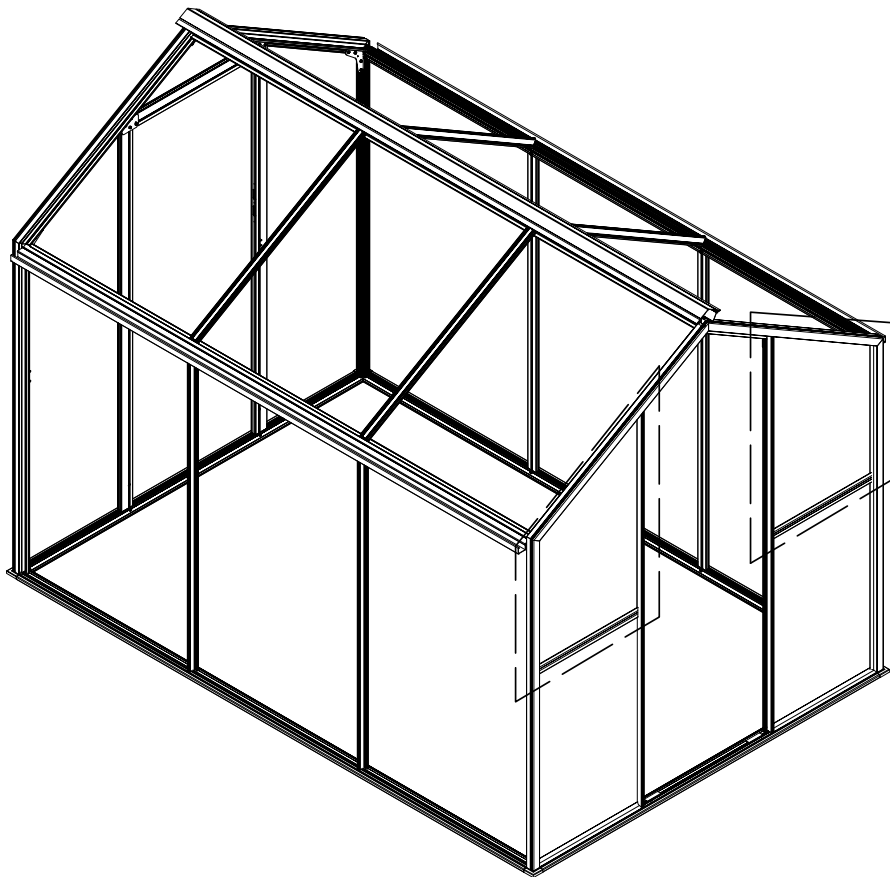
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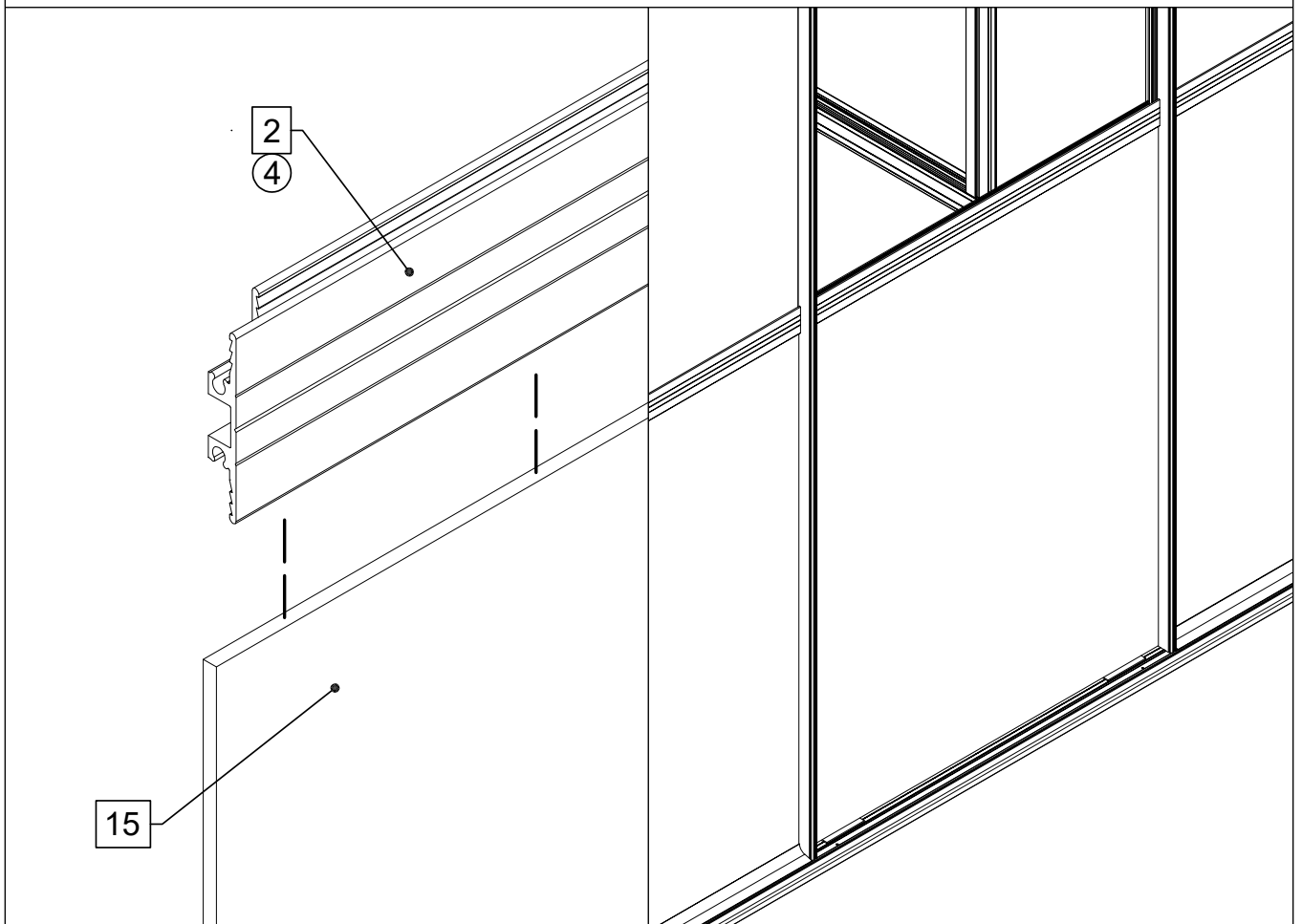
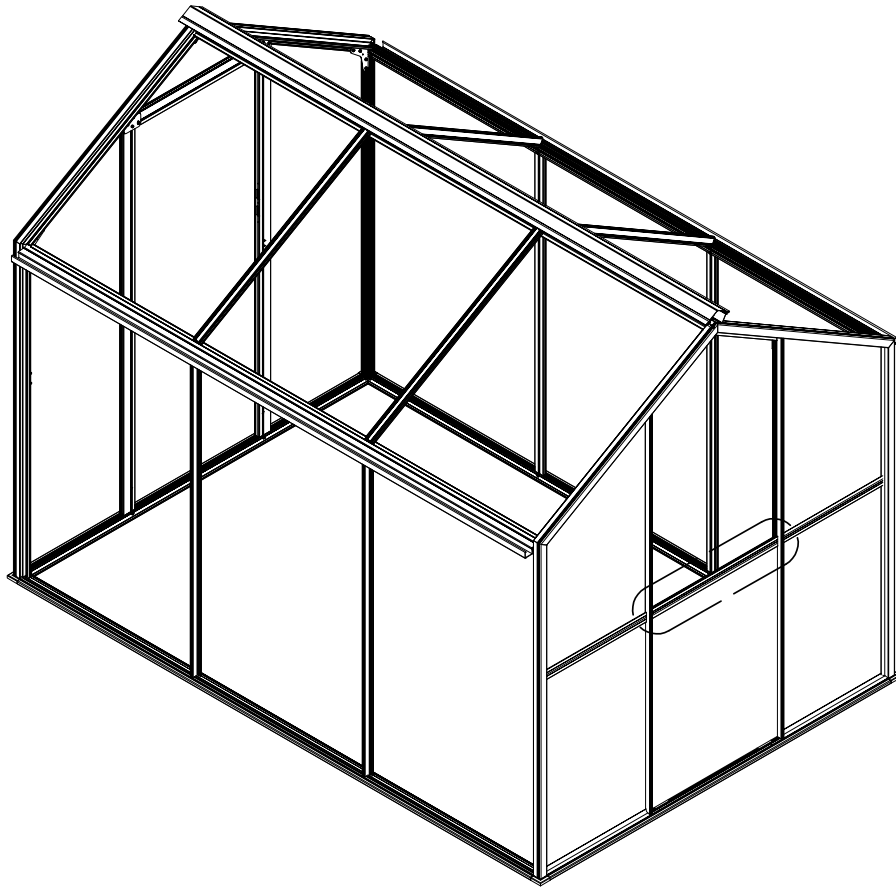


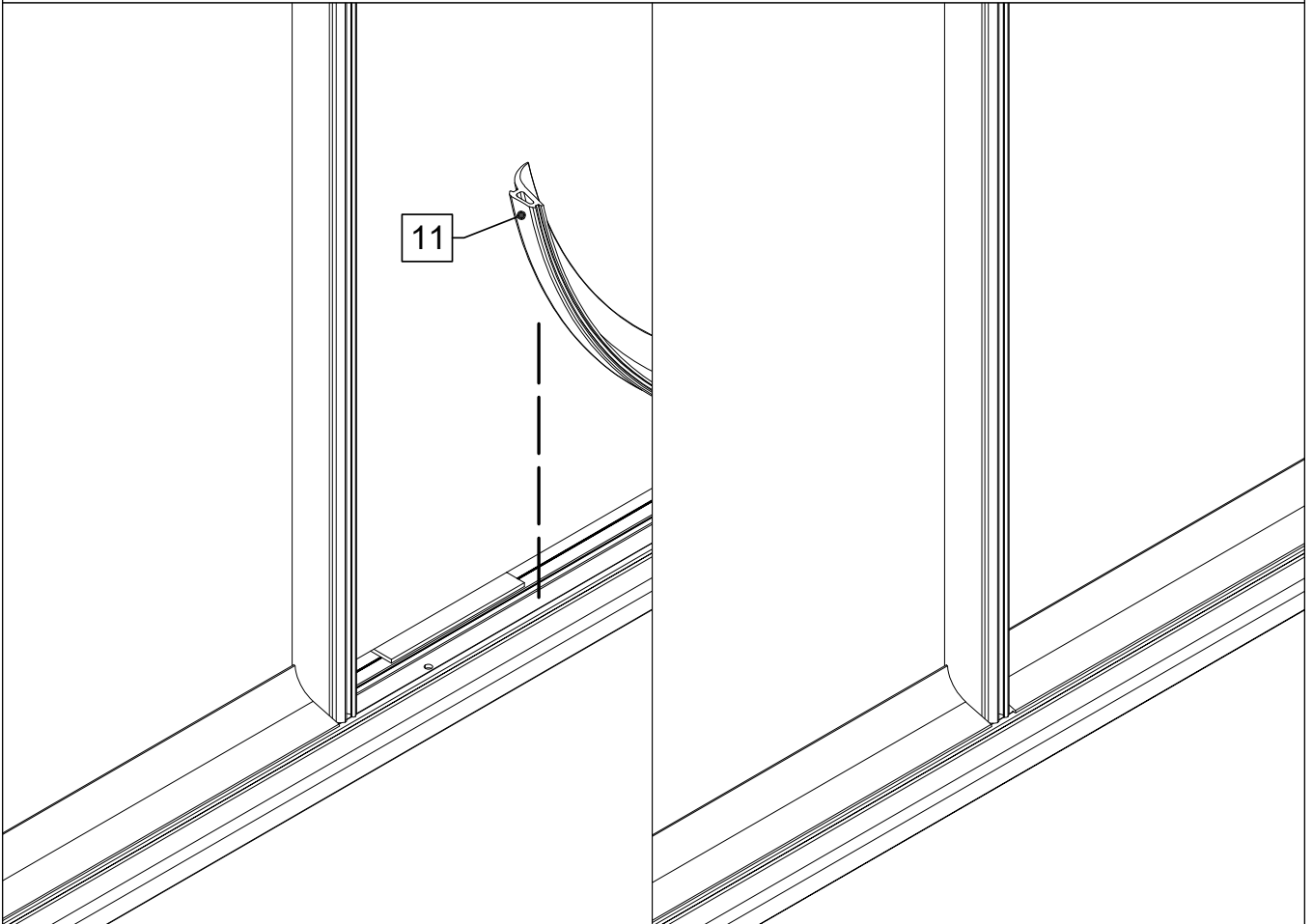
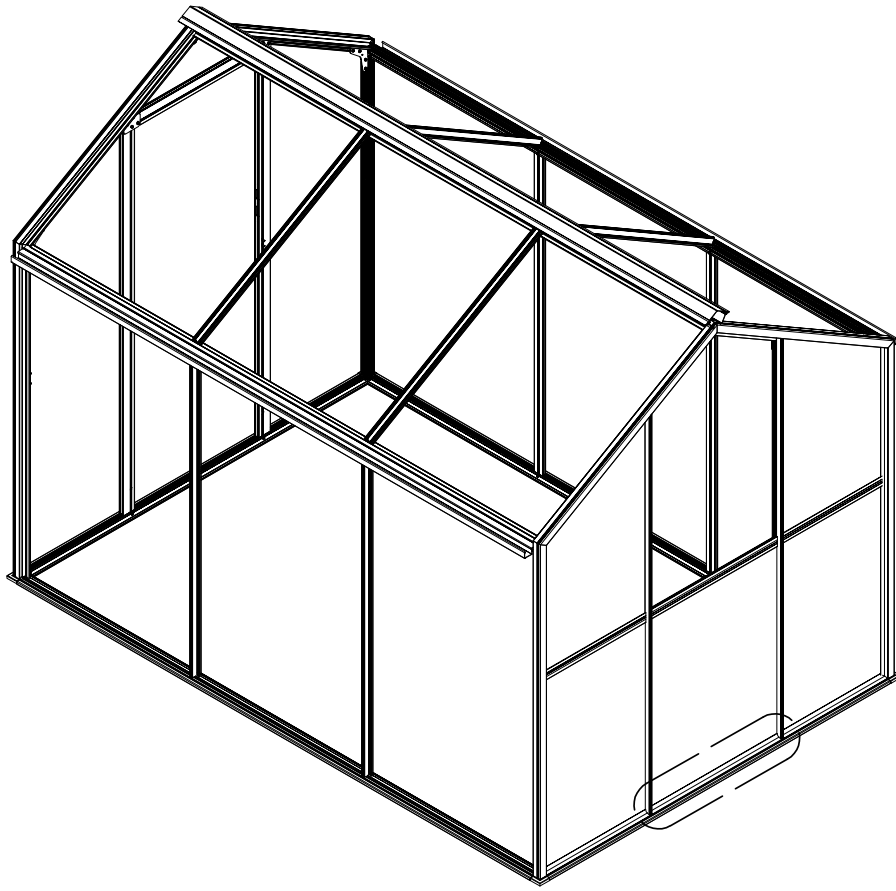
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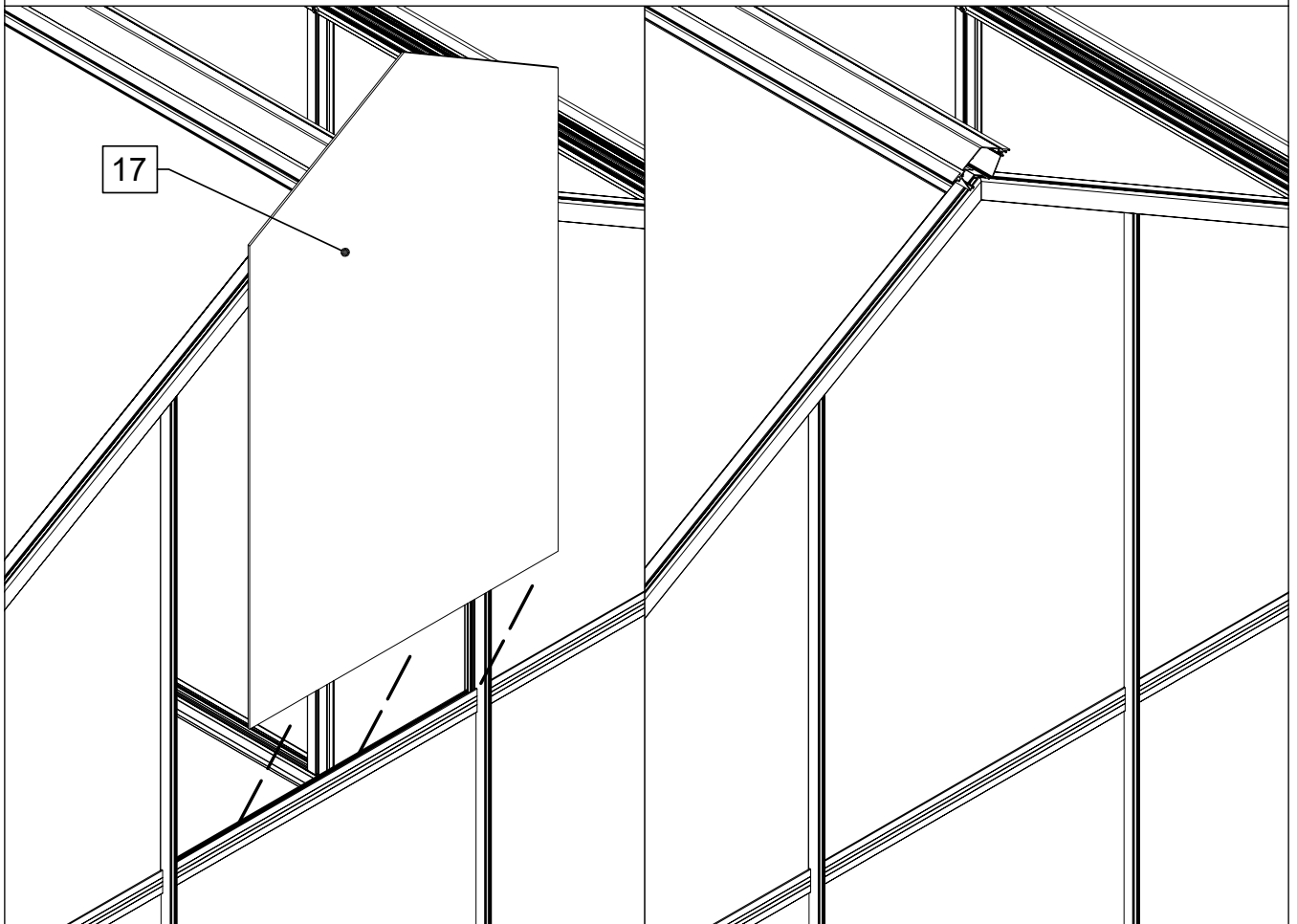
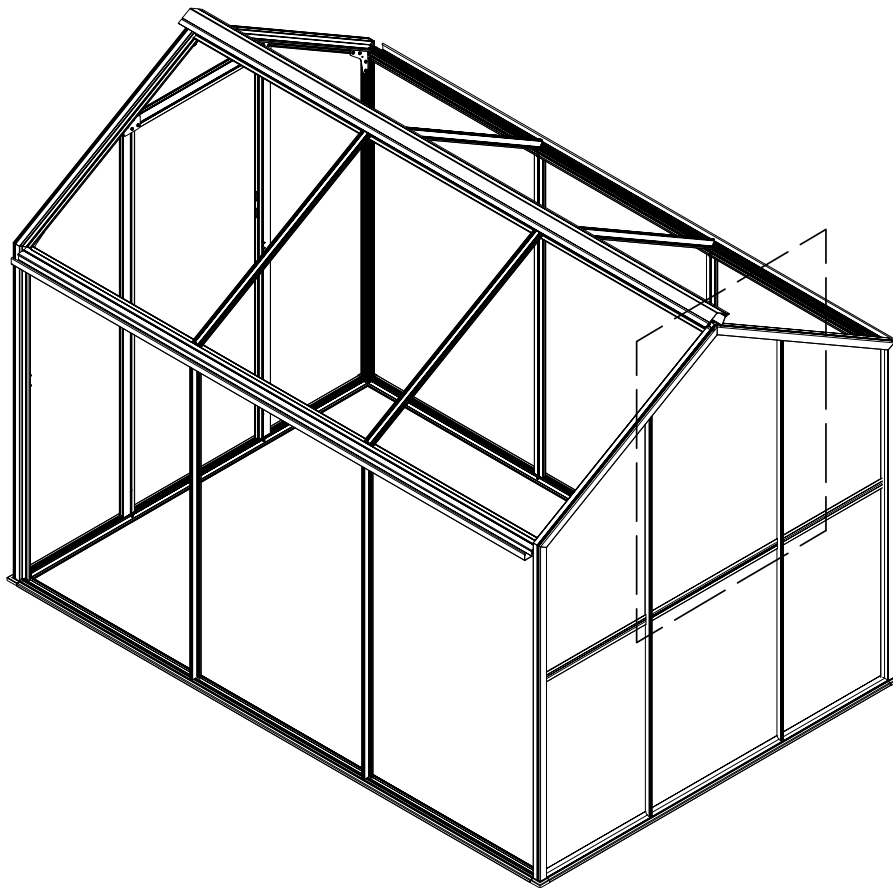


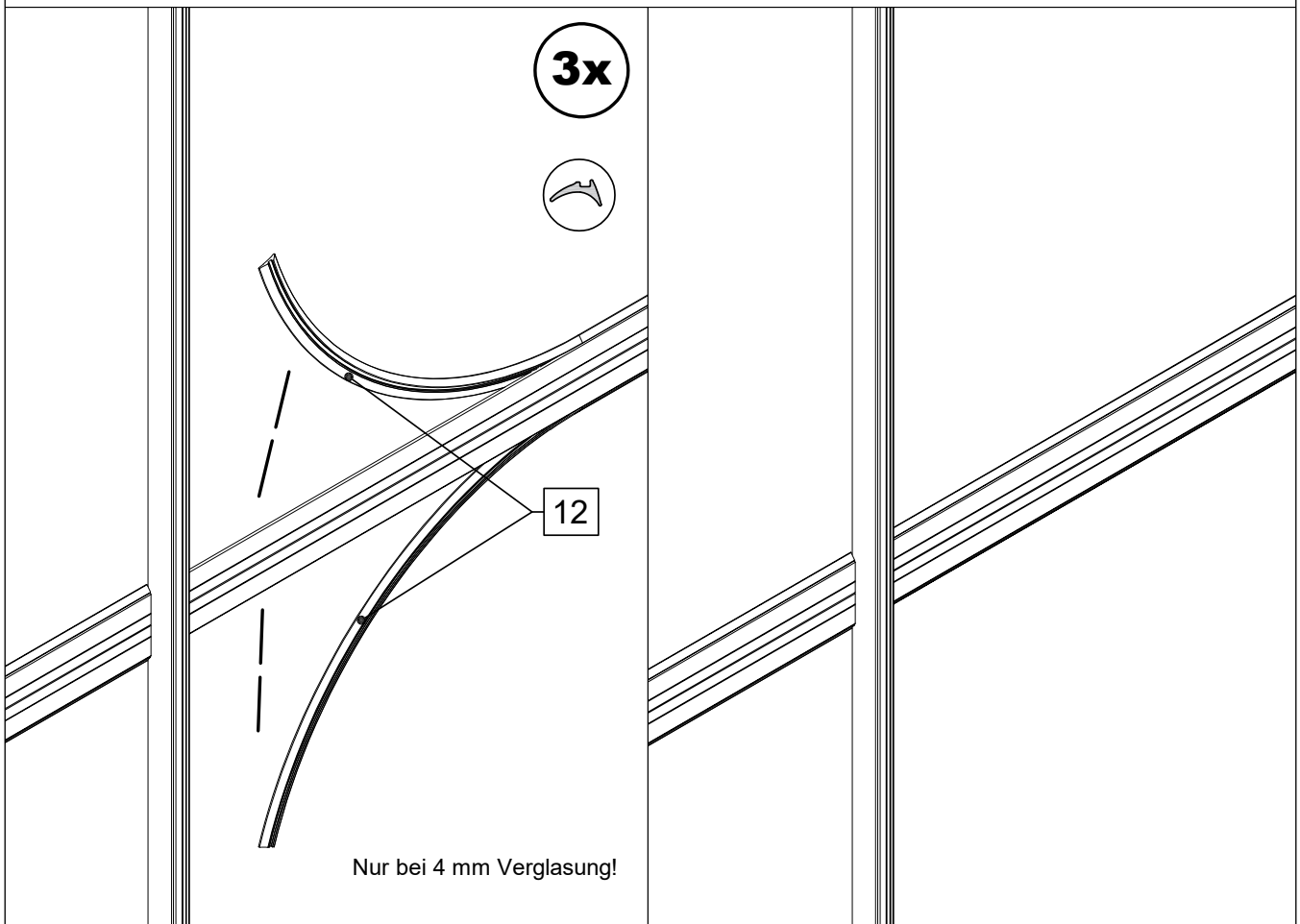
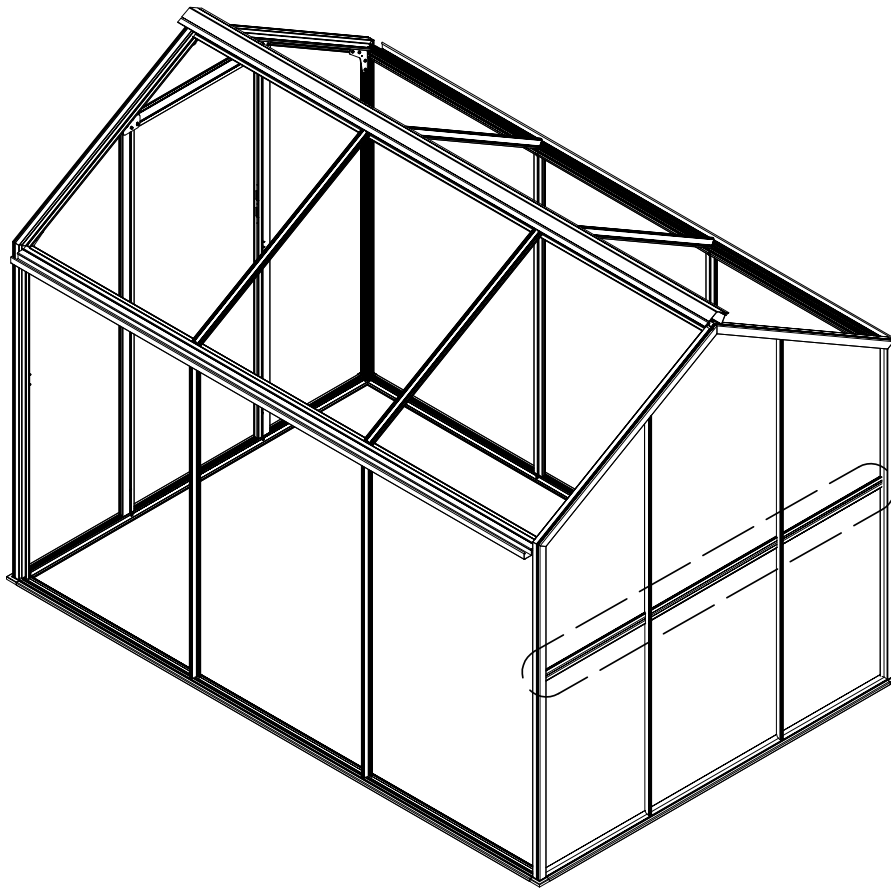


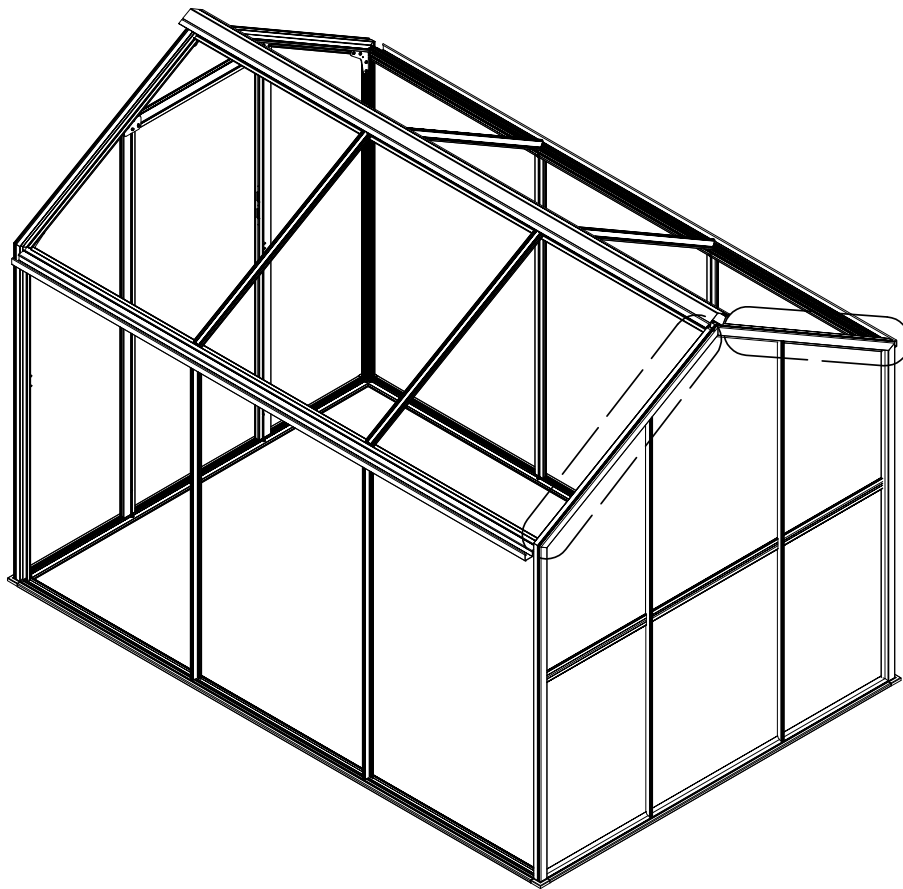




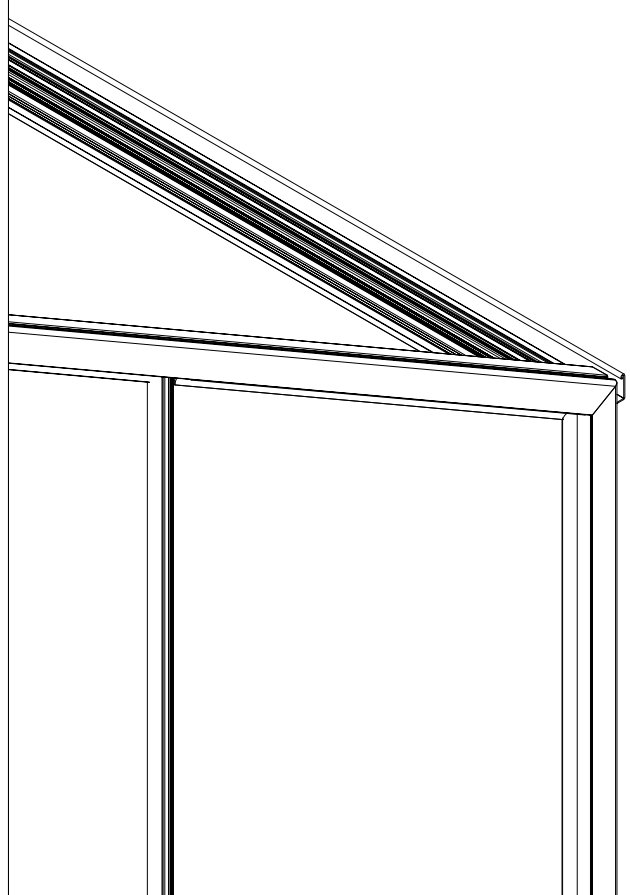
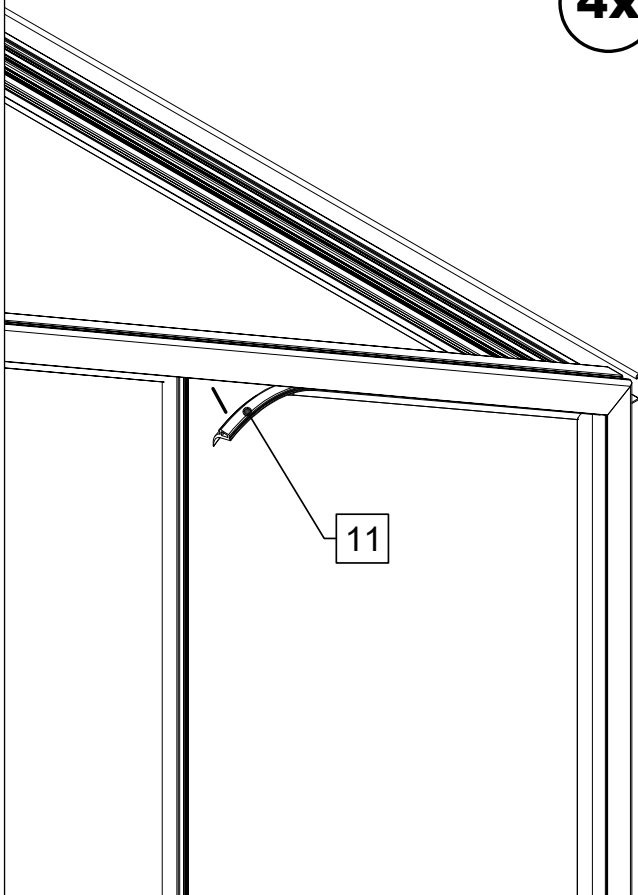


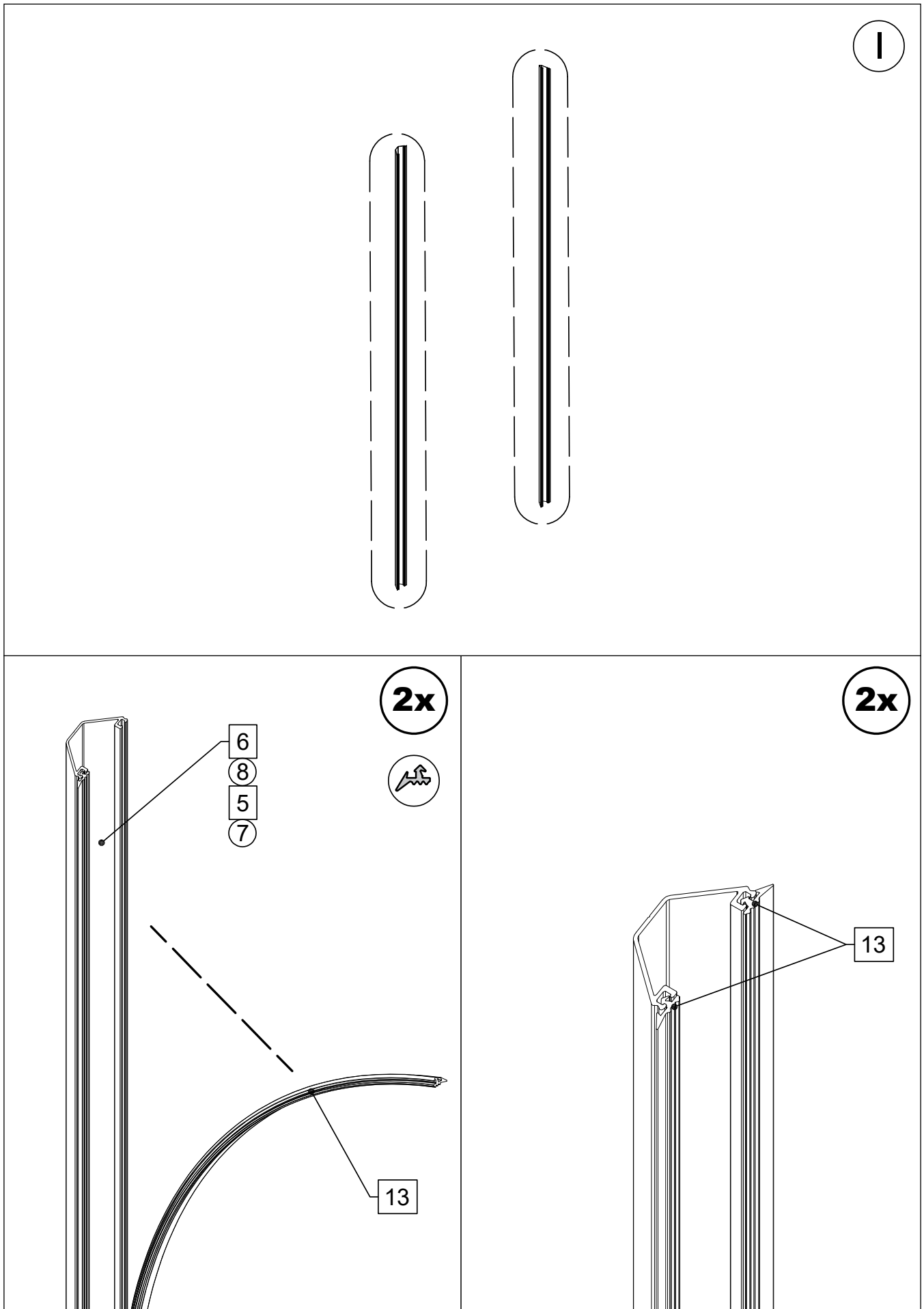


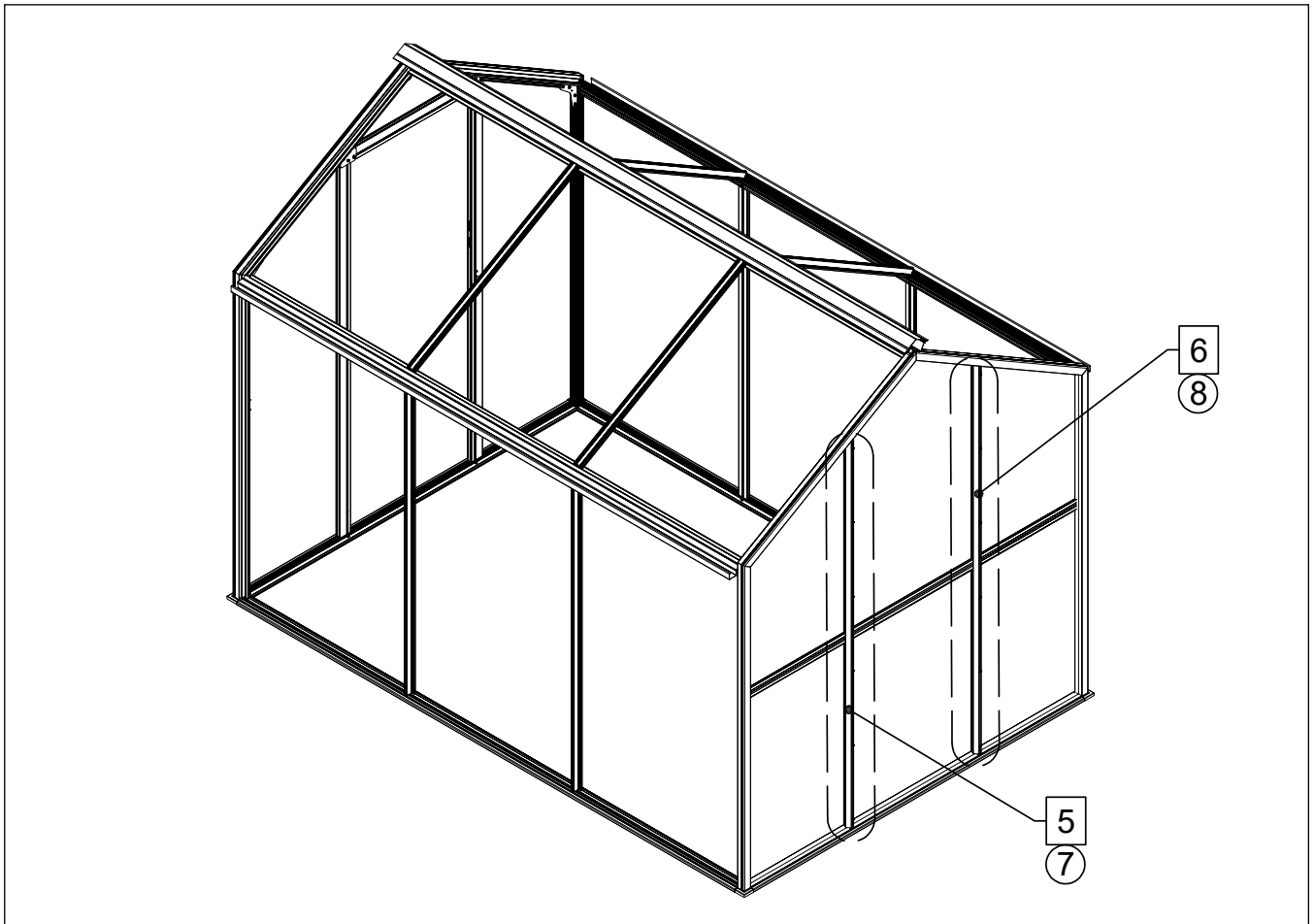




4x

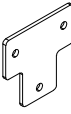






ROOF GLAZING PARTS LIST

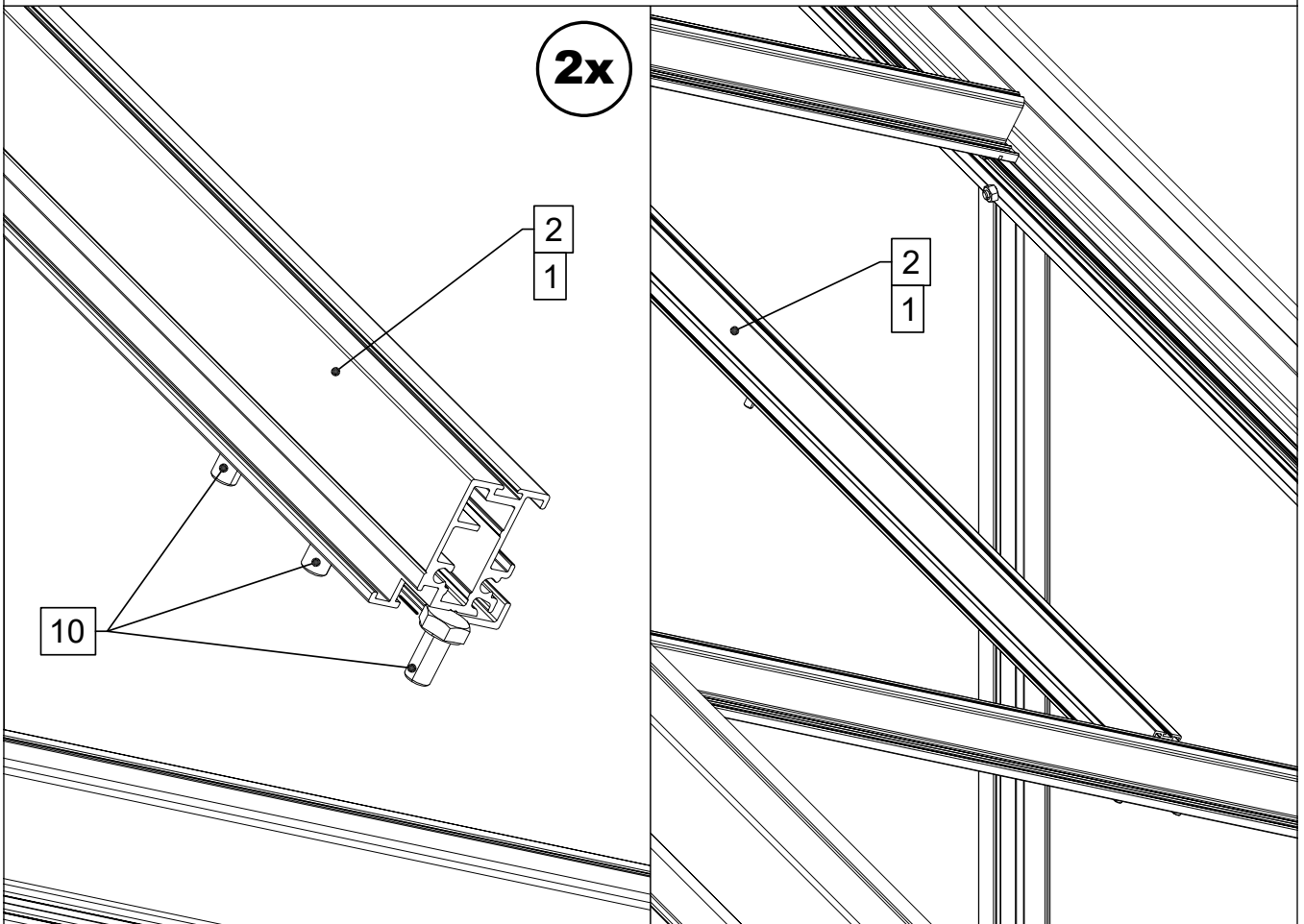
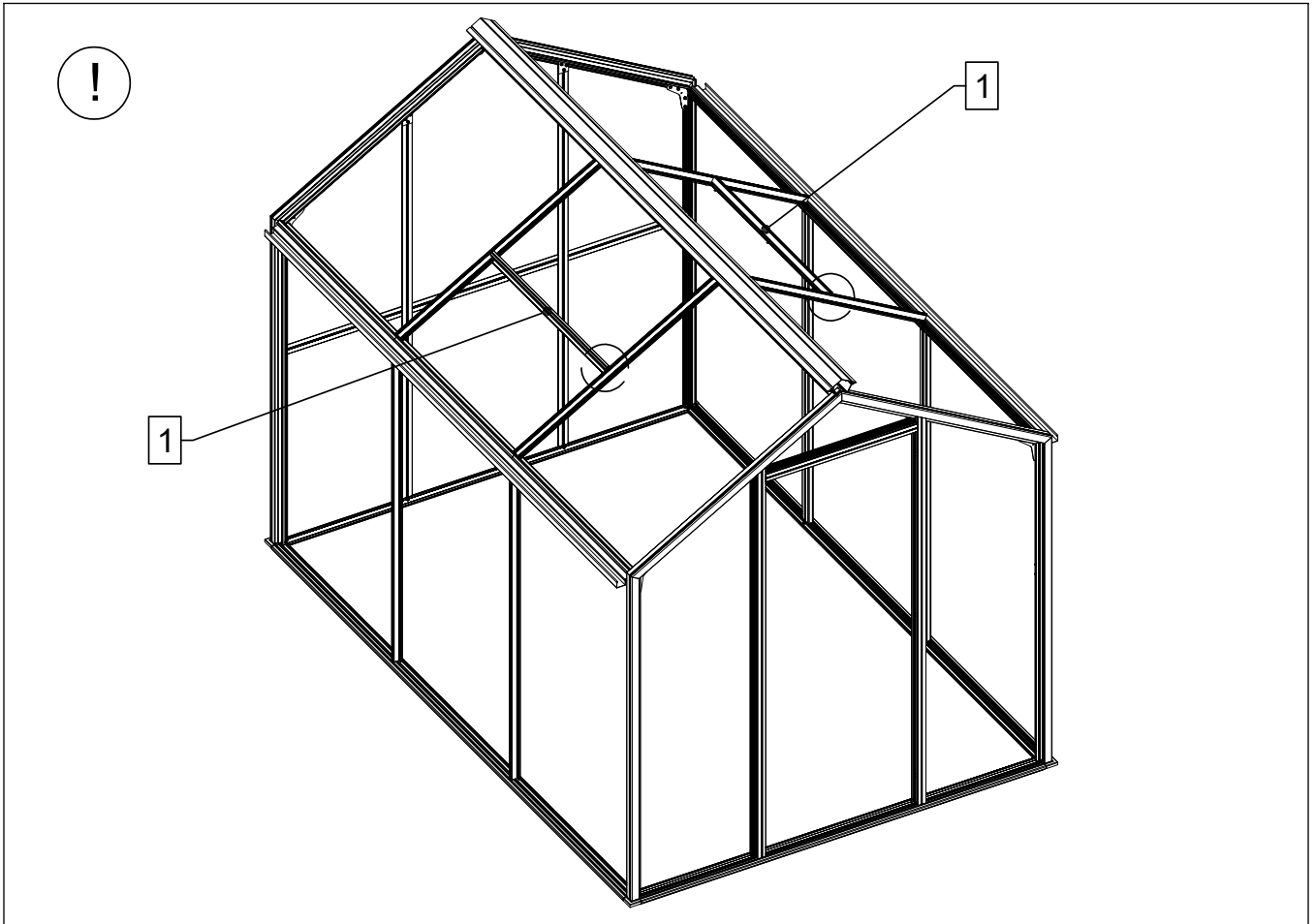
Solara/Eclipse

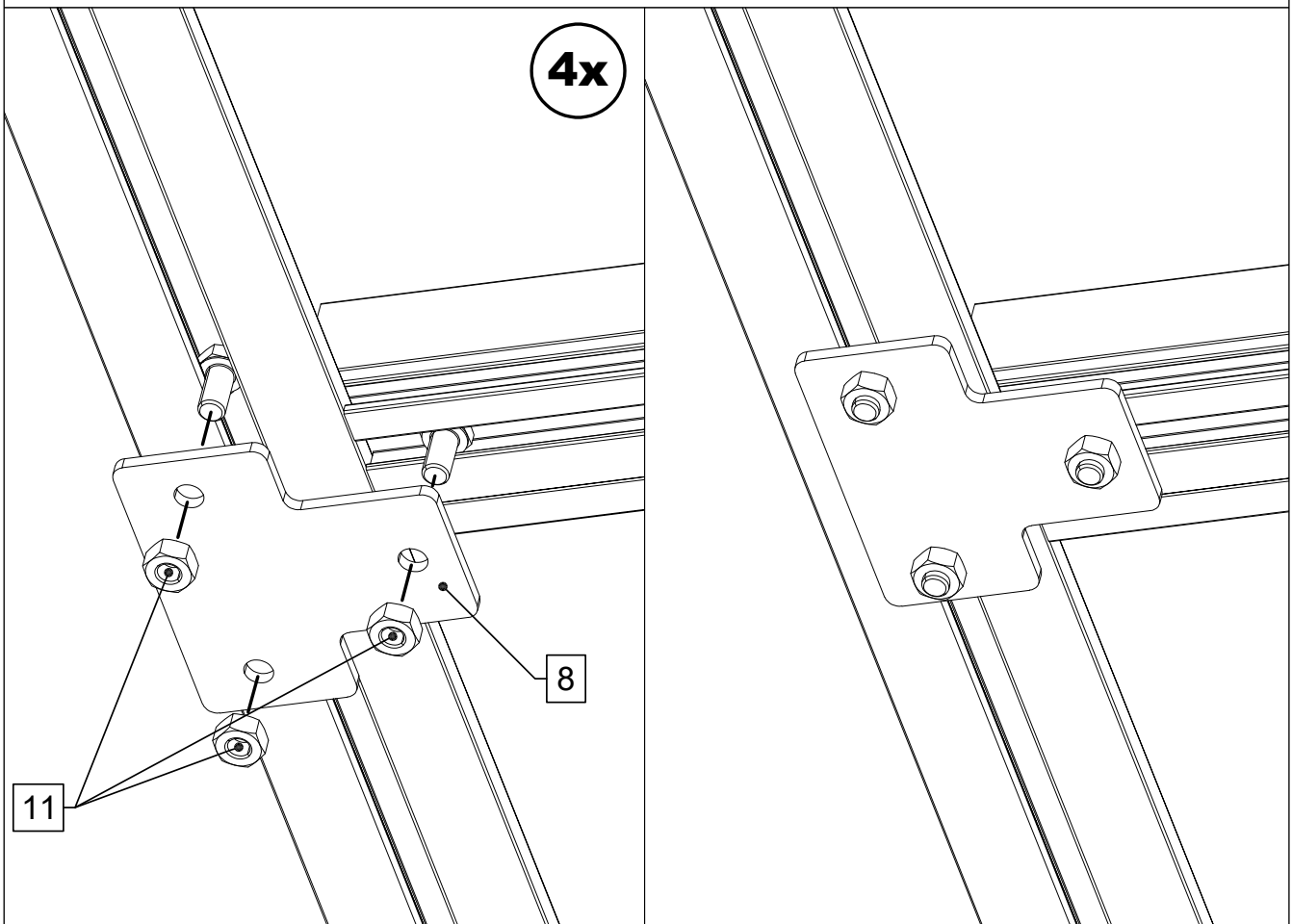
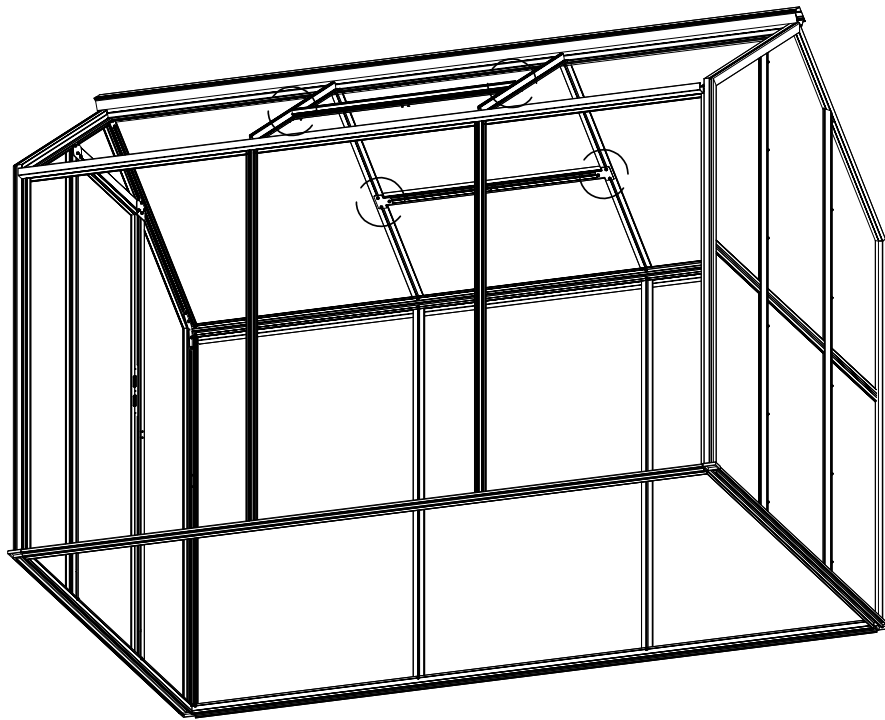
No.	Diagram	Part No.	Description	Number	Comment
1		P017-01-01-00-00-1	Ventilation purlin (edge, notch: 24/15mm)	Typ 2: 1	982 mm
2		P017-02-01-00-00-1	Ventilation purlin (center, notch: 15/15mm)	Typ 3: 2 Typ 4: 2	976 mm
3		P091-03-01-00-04-1	U-end 10mm (edge)	⁴ (Typ 2)	993 mm
4		P091-04-01-00-04-1	U-end 10mm (center)	Typ 3: 2 Typ 4: 4	1000 mm
5		P012-09-01-00-04-1 P012-11-01-00-04-1	Cover strip 10mm (notch left)	Typ 2: 1 Typ 3: 2 Typ 4: 2	Solara: 1138mm Eclipse: 1465mm
6		P012-10-01-00-04-1 P012-12-01-00-04-1	Cover strip 10mm (notch right)	Typ 2: 1 Typ 3: 2 Typ 4: 2	Solara: 1138mm Eclipse: 1465mm
7		P012-01-01-00-04-1 P012-02-01-00-04-1	Cover strip 10mm	Typ 4: 2	Solara: 1138mm Eclipse: 1465mm
8		9999001497	T-connector	Typ 2: 2 Typ 3: 4 Typ 4: 4	
9		9999000068	Cover plate (for cover strip 10mm)	Typ 2: 2 Typ 3: 4 Typ 4: 6	
10		9999000124	Hex screw M6 x 12	Typ 2: 3 Typ 3: 6 Typ 4: 6	DIN 933
11		9999000128	Hex nut M6	Typ 2: 6 Typ 3: 12 Typ 4: 12	DIN 934
12		9999000144	Lens head screw 4.2 x 13	Typ 2: 8/10 3: 16/20 4: 24/30	DIN 7981 Solara/Eclipse

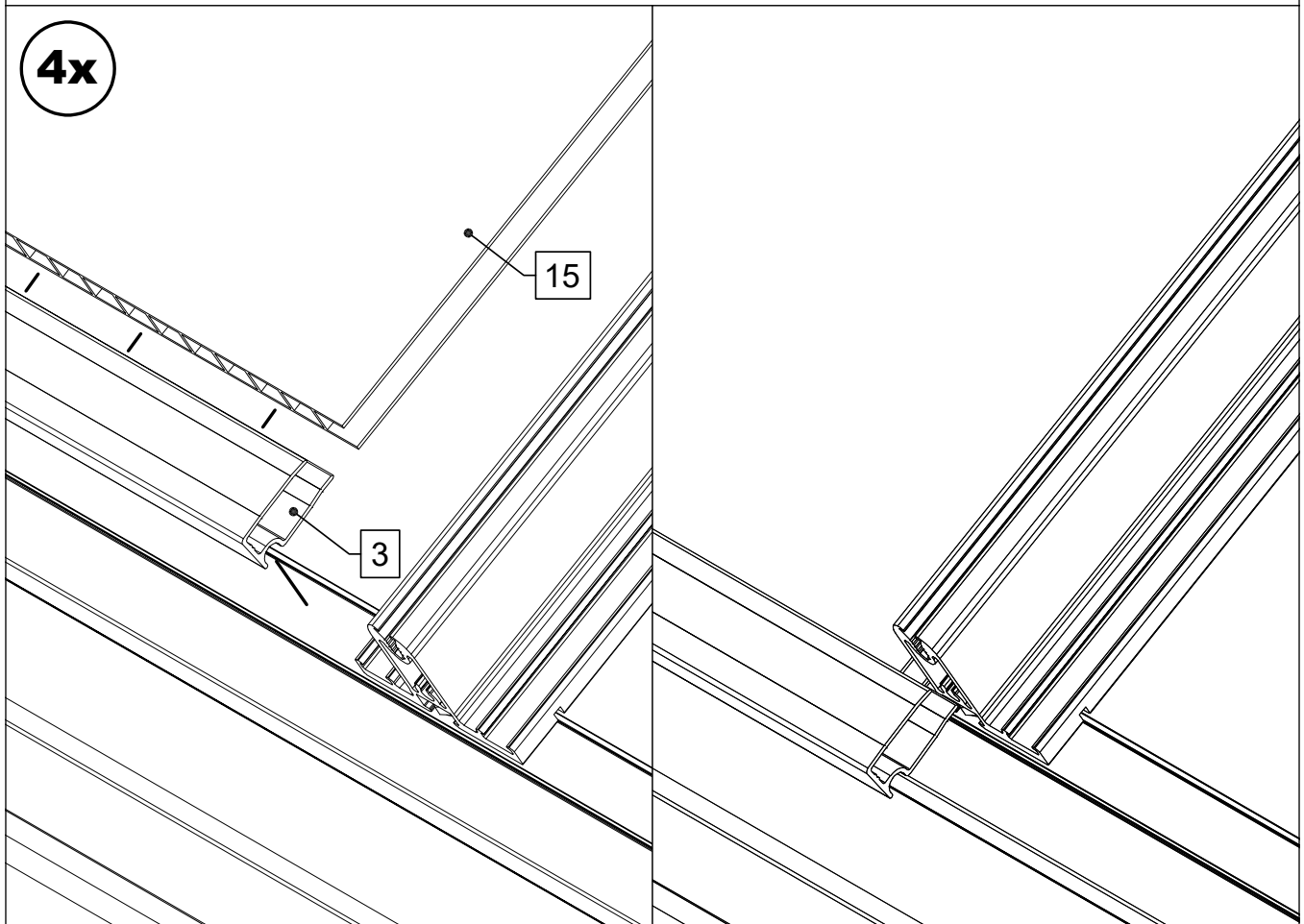
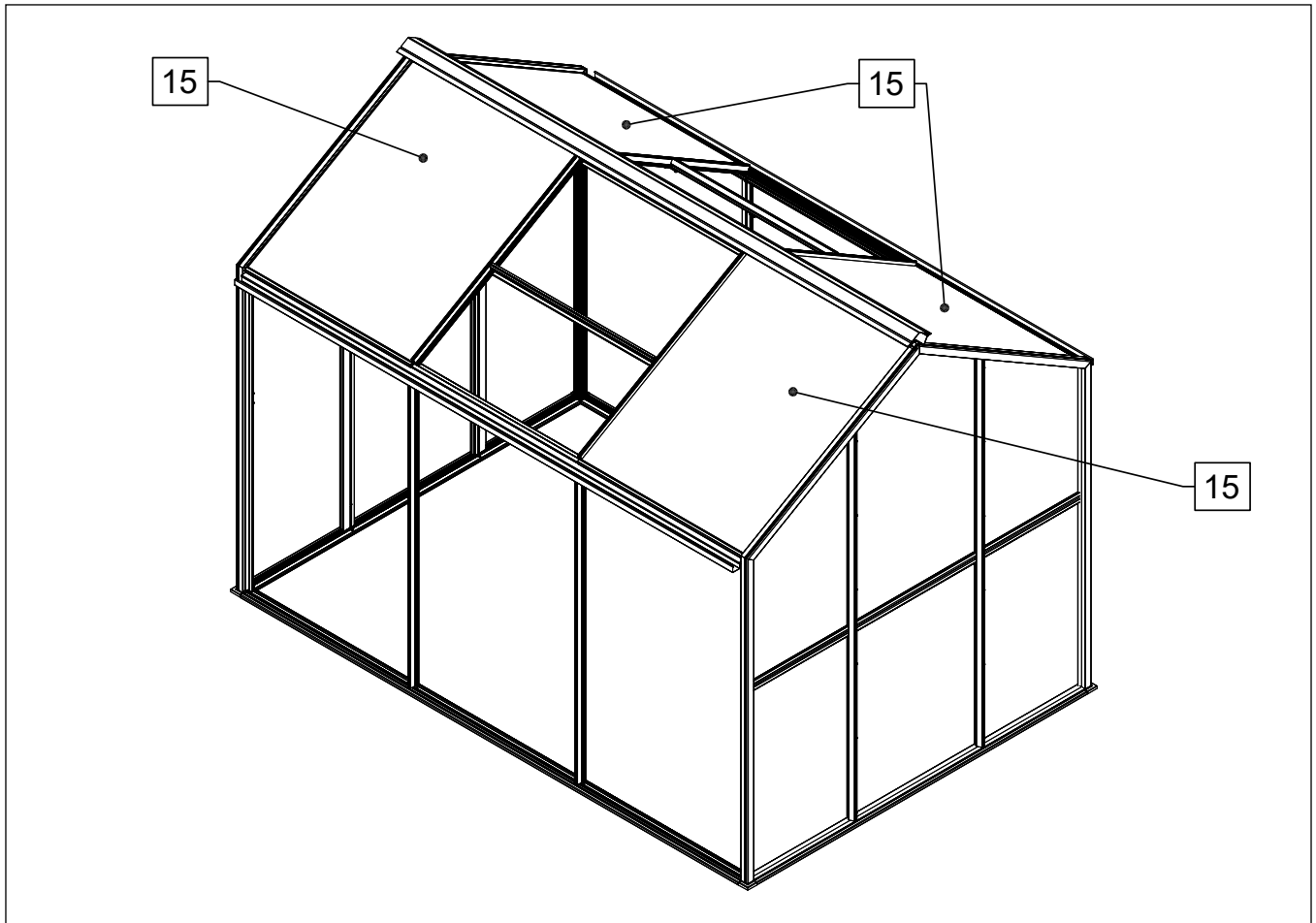
ROOF GLAZING PARTS LIST

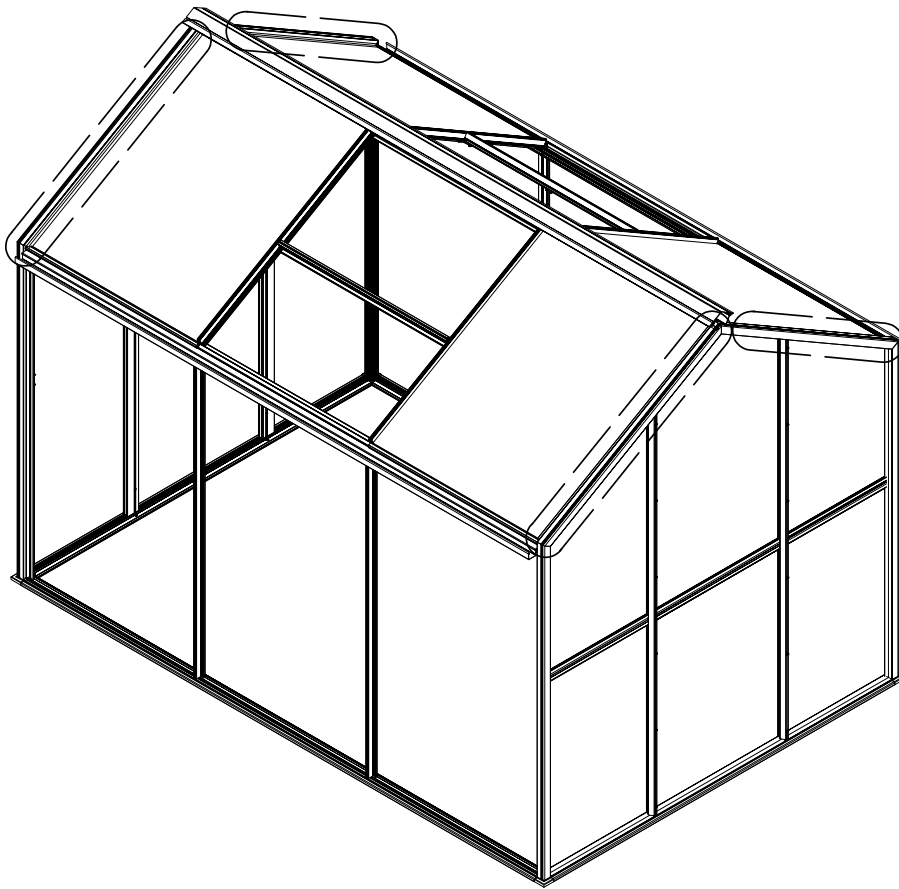
Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
13		9999000116	Gasket GHD 4 - 10mm	Typ (Ifdm.) 2: 8,8/10,1 3: 10,8/12,1 4: 12,8/14,1	Solara/Eclipse
14		9999000376	Rung seal 2mm	Typ (Ifdm.) 2: 4,6/5,9 3: 9,2/11,8 4: 13,8/17,7	Solara/Eclipse
15			Glazing 1157 x 980mm 1484 x 980mm	Typ 2: 3 Typ 3: 4 Typ 4: 6	Solara Eclipse
16			Glazing (below skylight) 530 x 980mm 857 x 980mm	Typ 2: 1 Typ 3: 2 Typ 4: 2	Solara Eclipse
17					
18					
19					
20					
21					
22					
23					
24					



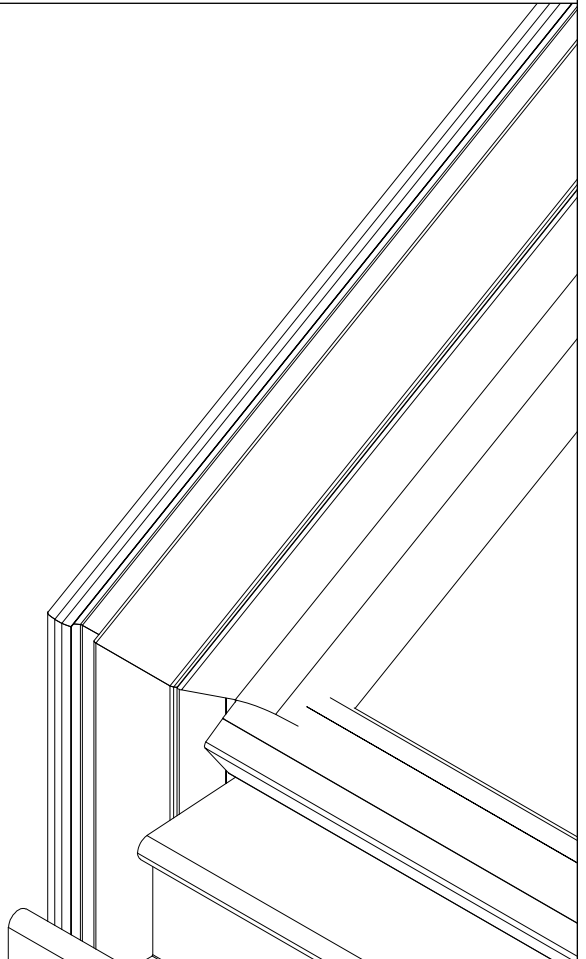
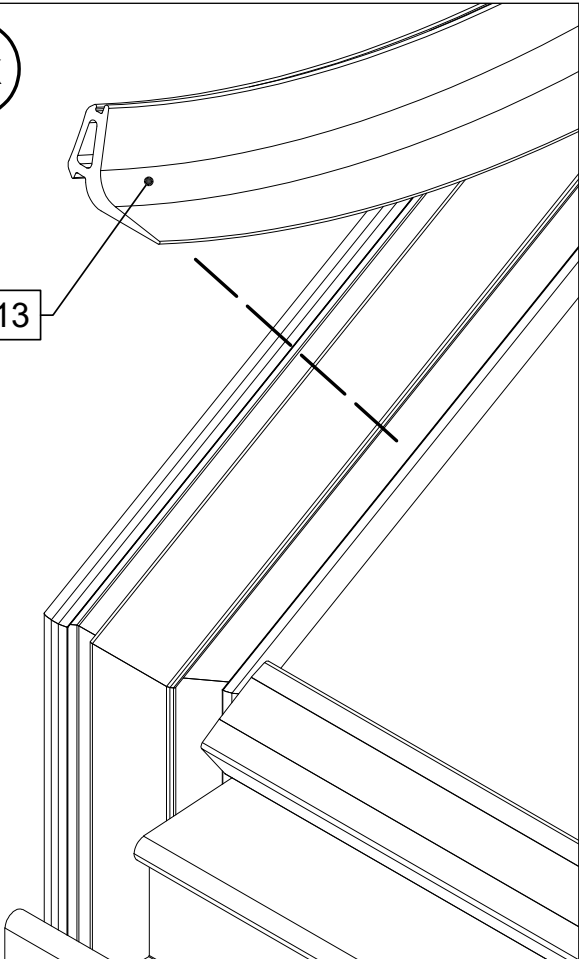


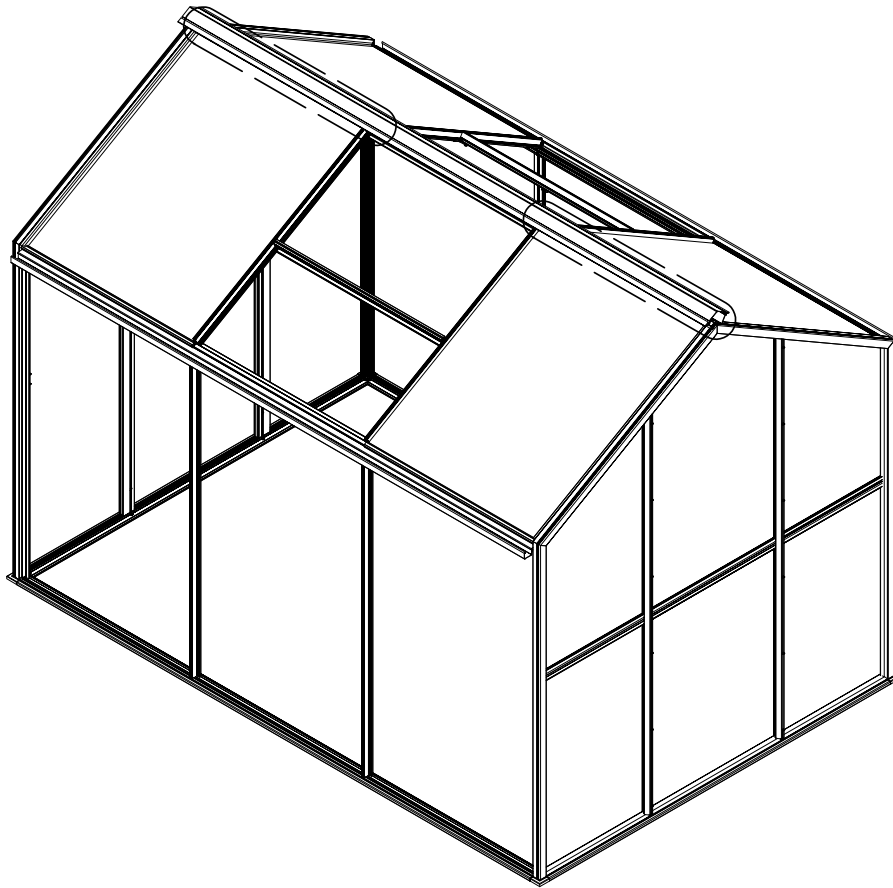




4x

13

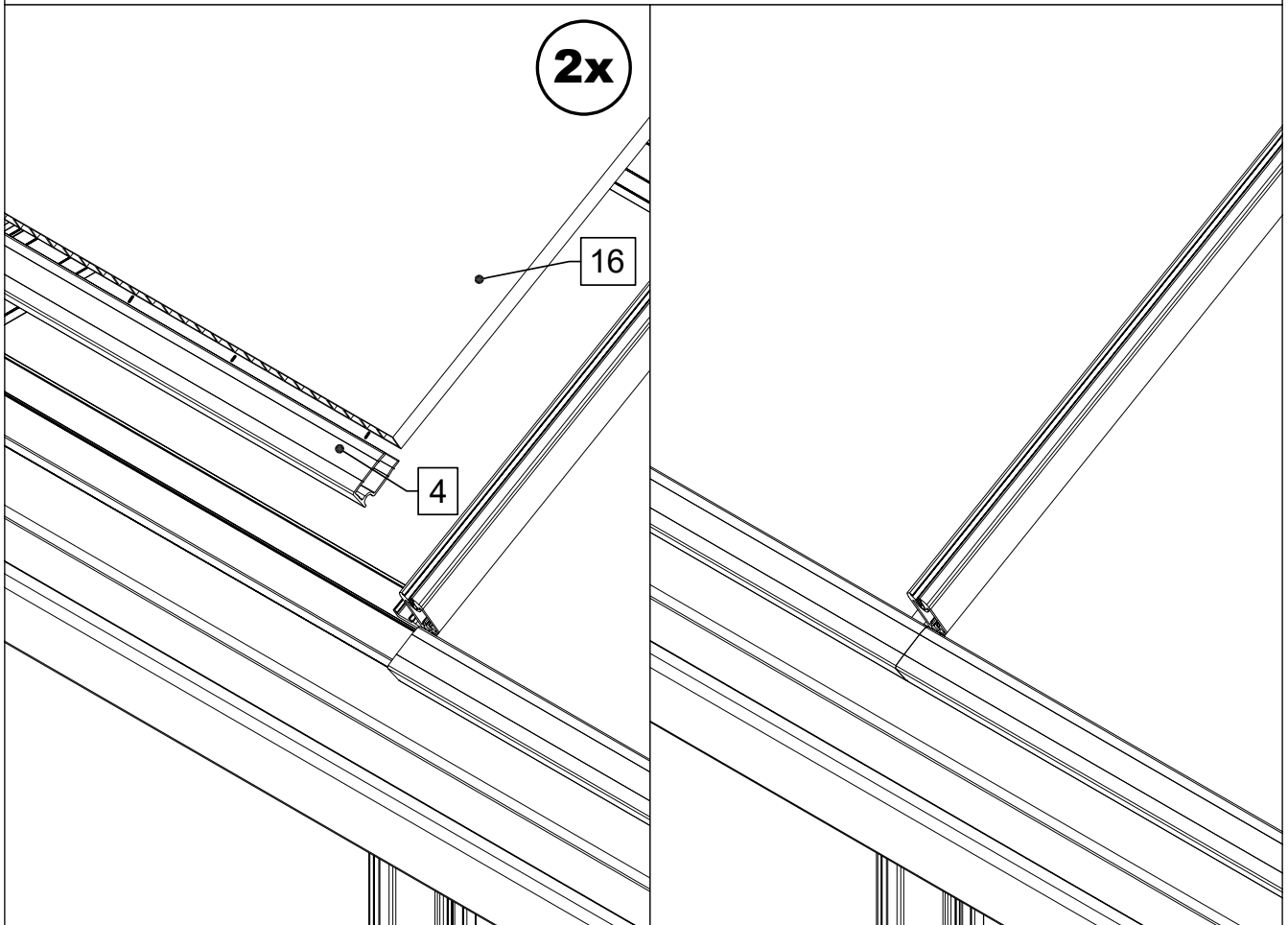
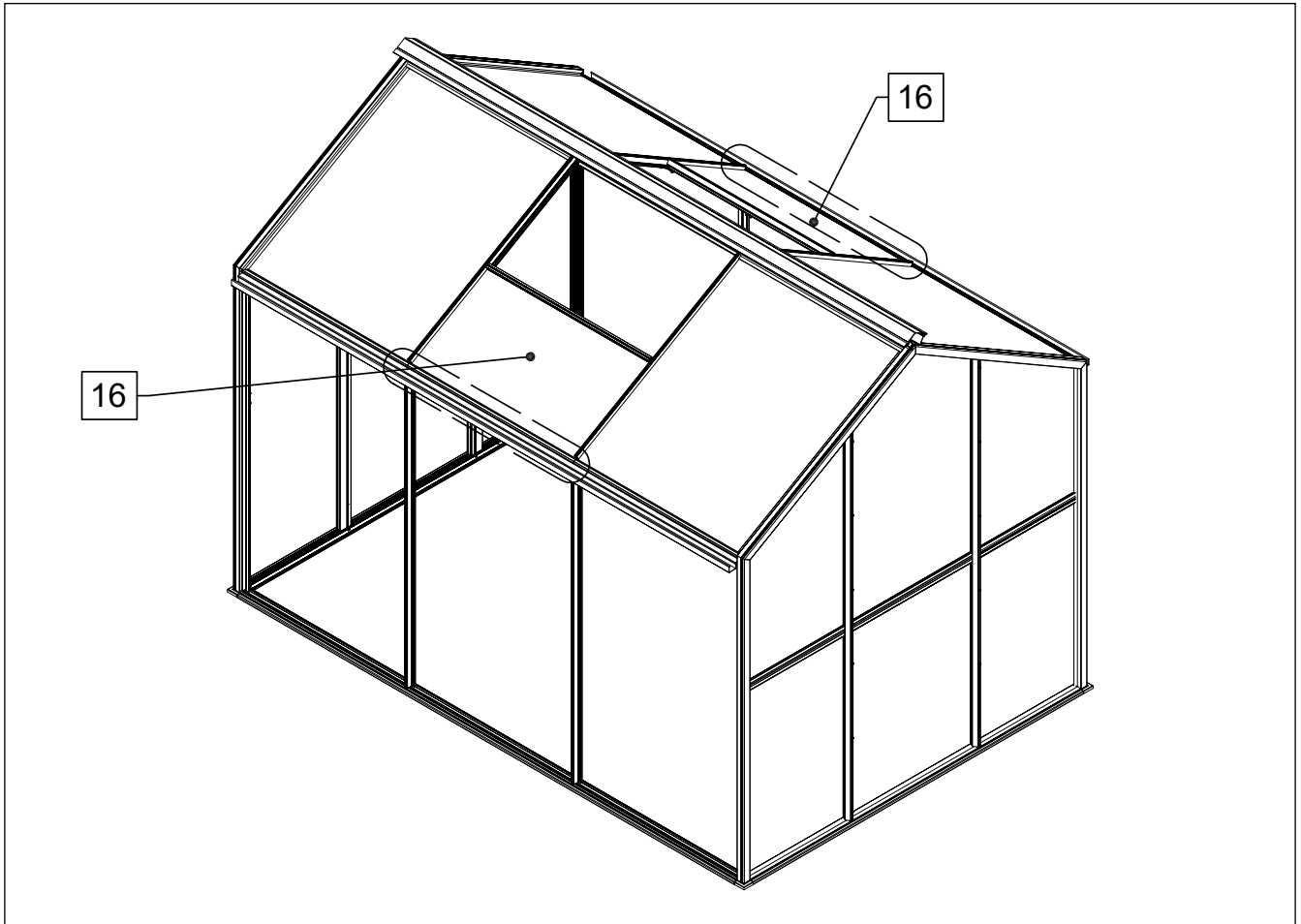


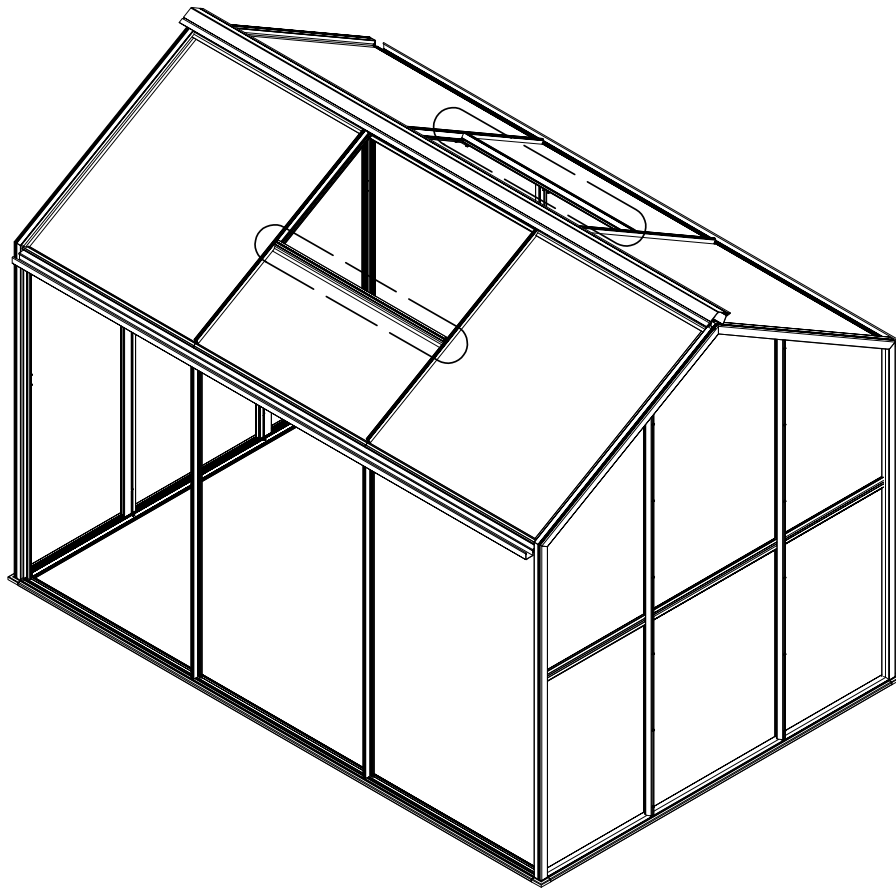


4x

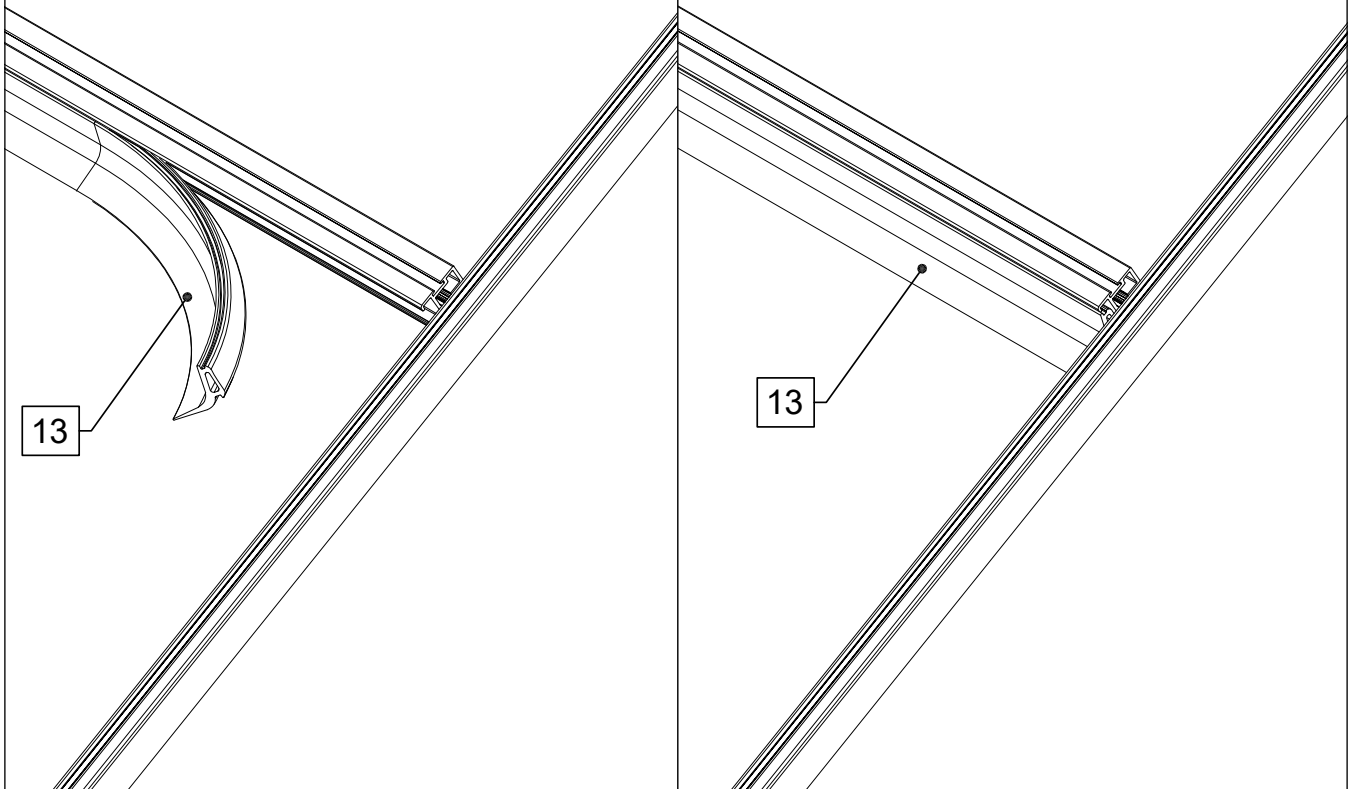
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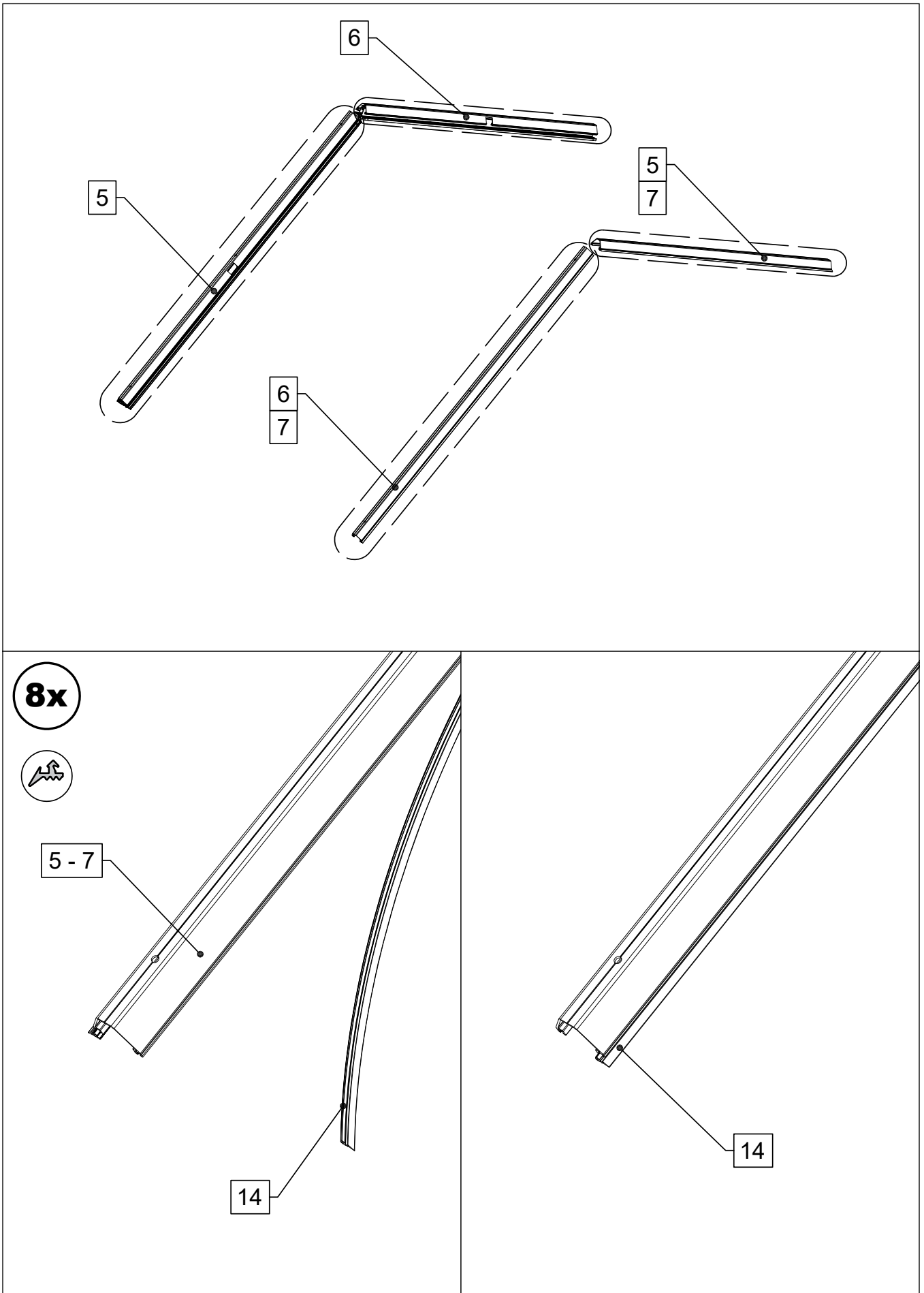
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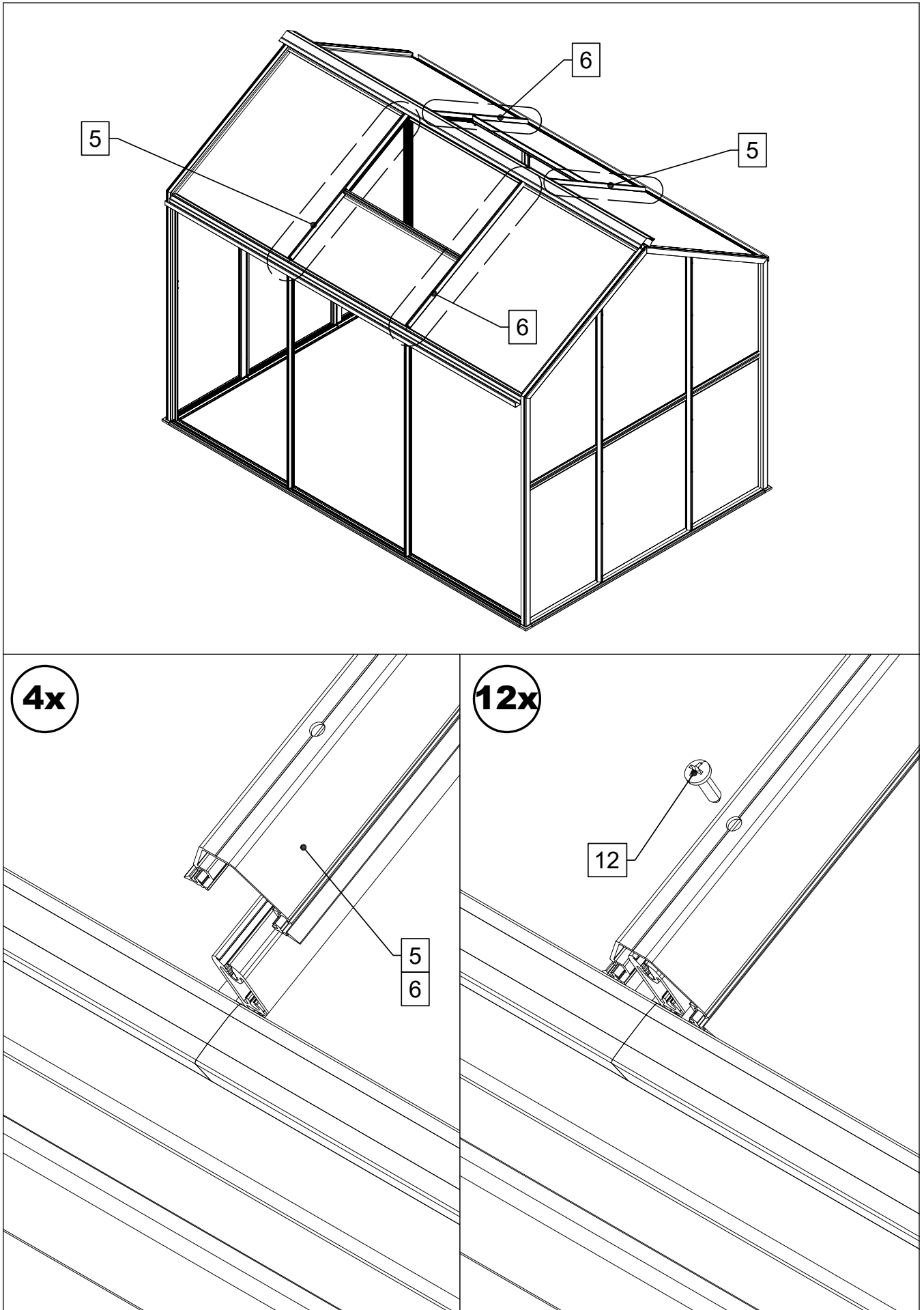


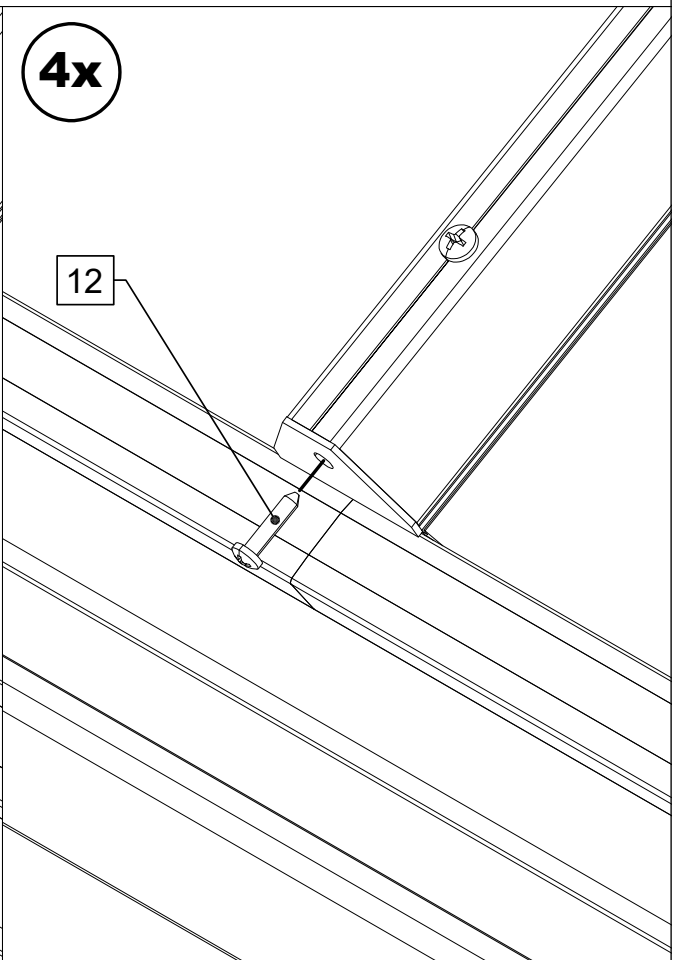
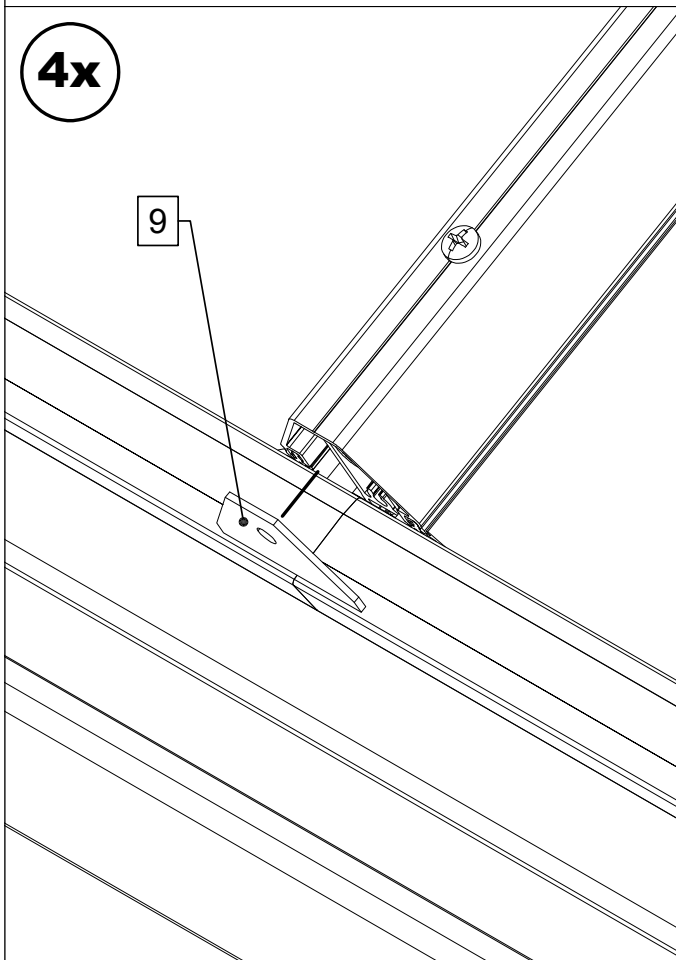
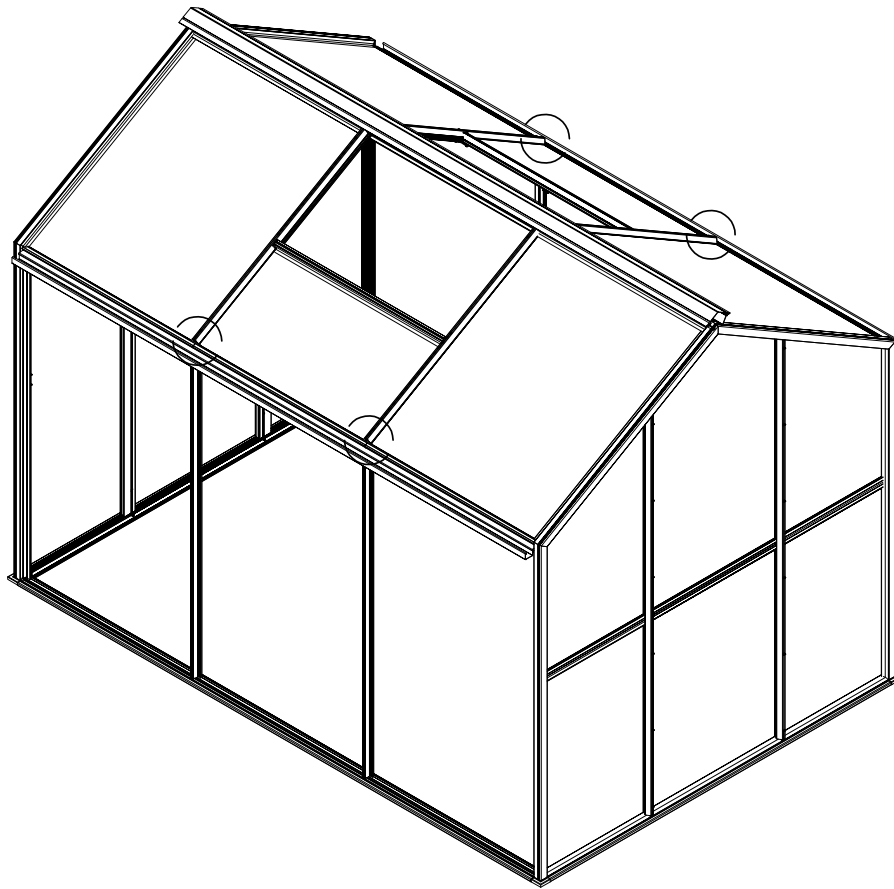


2x



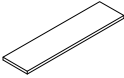
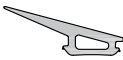


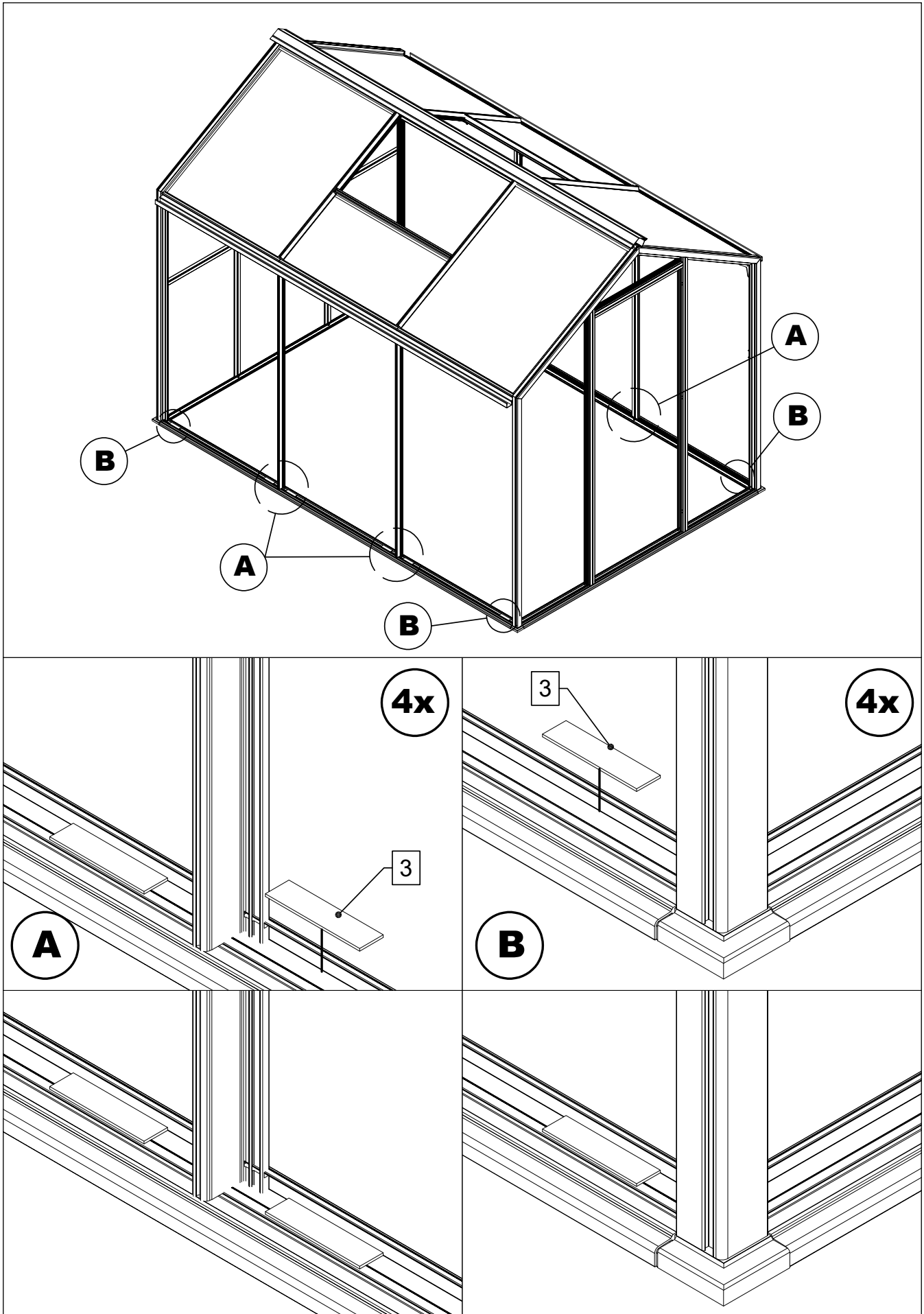


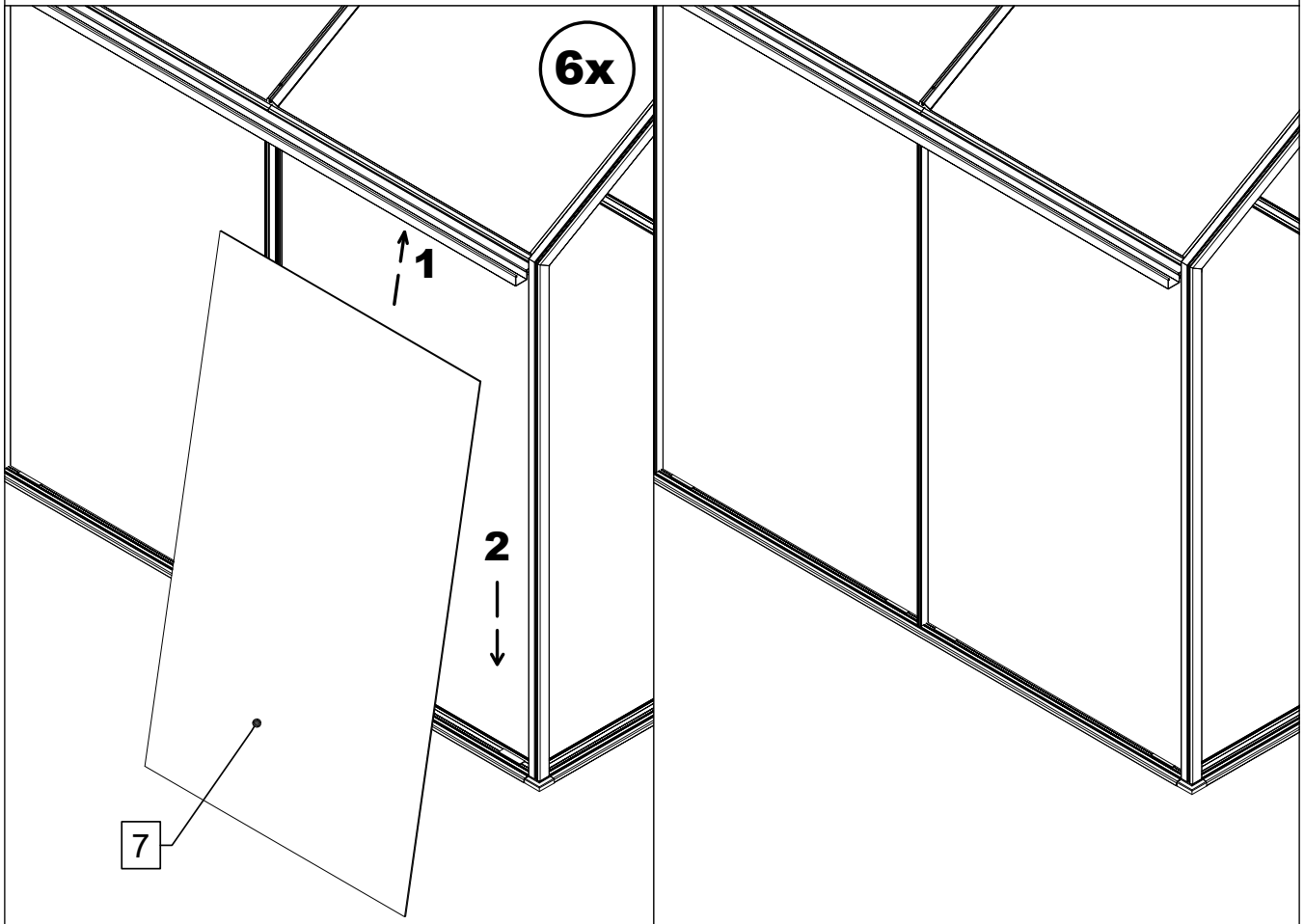
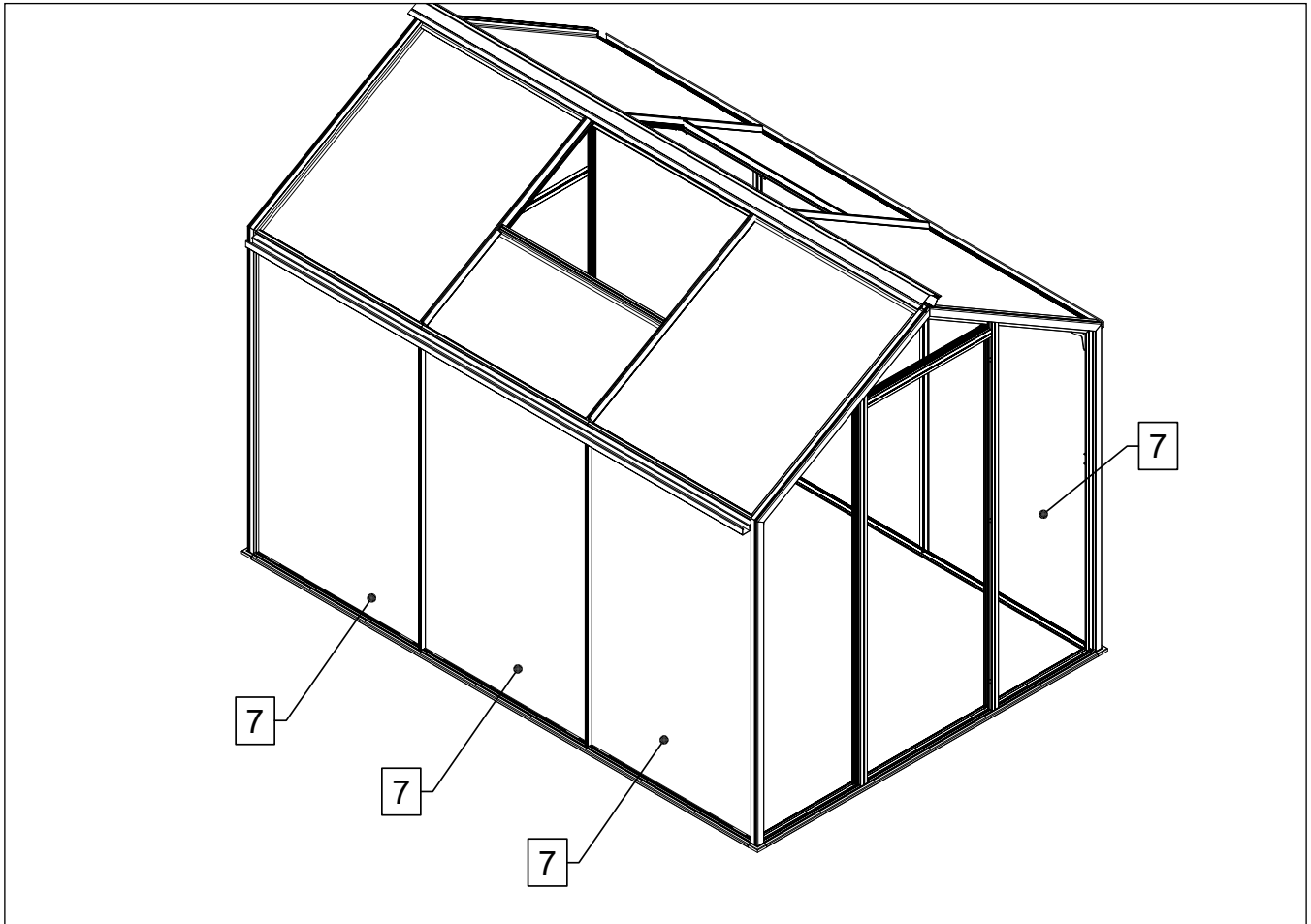


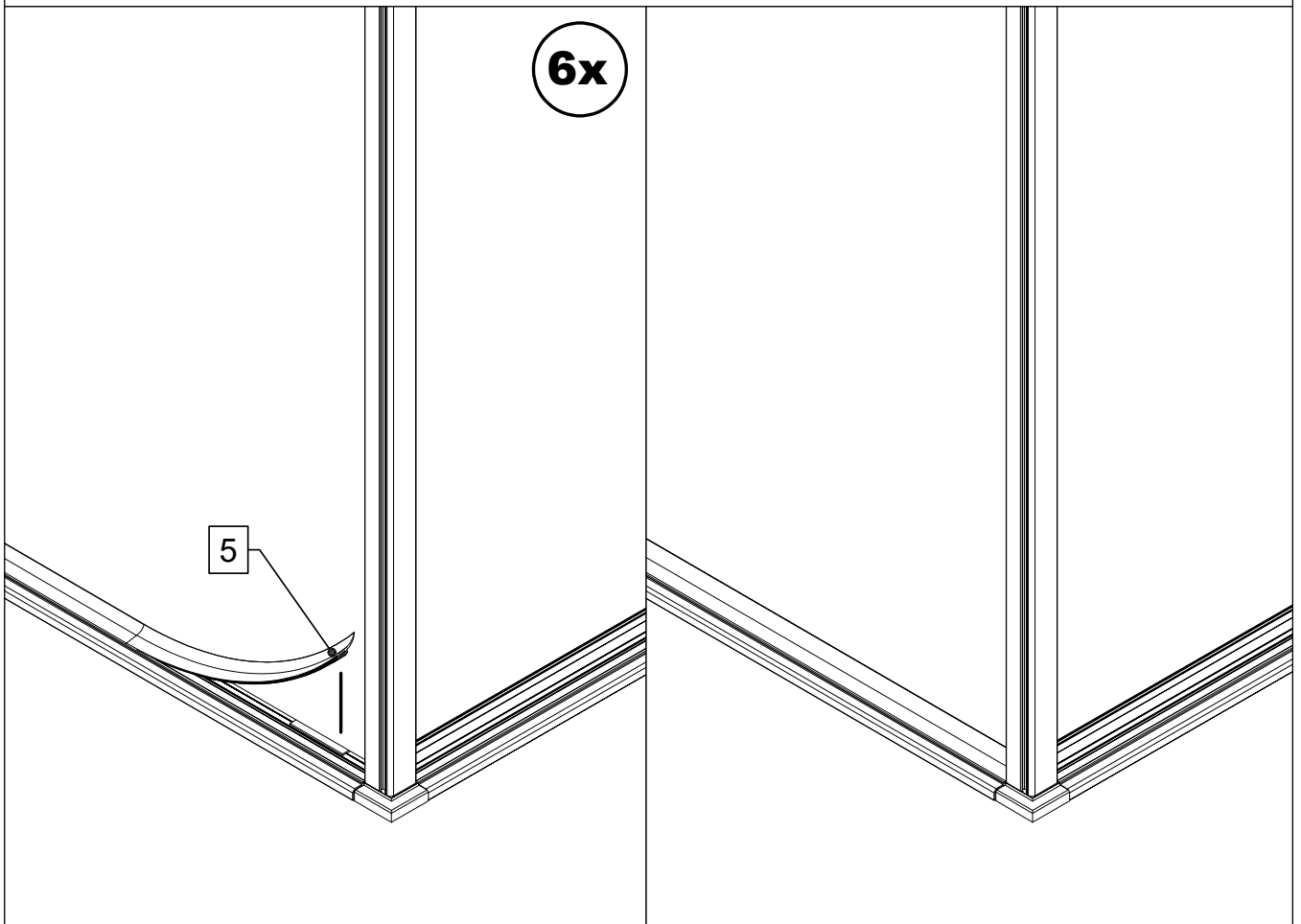
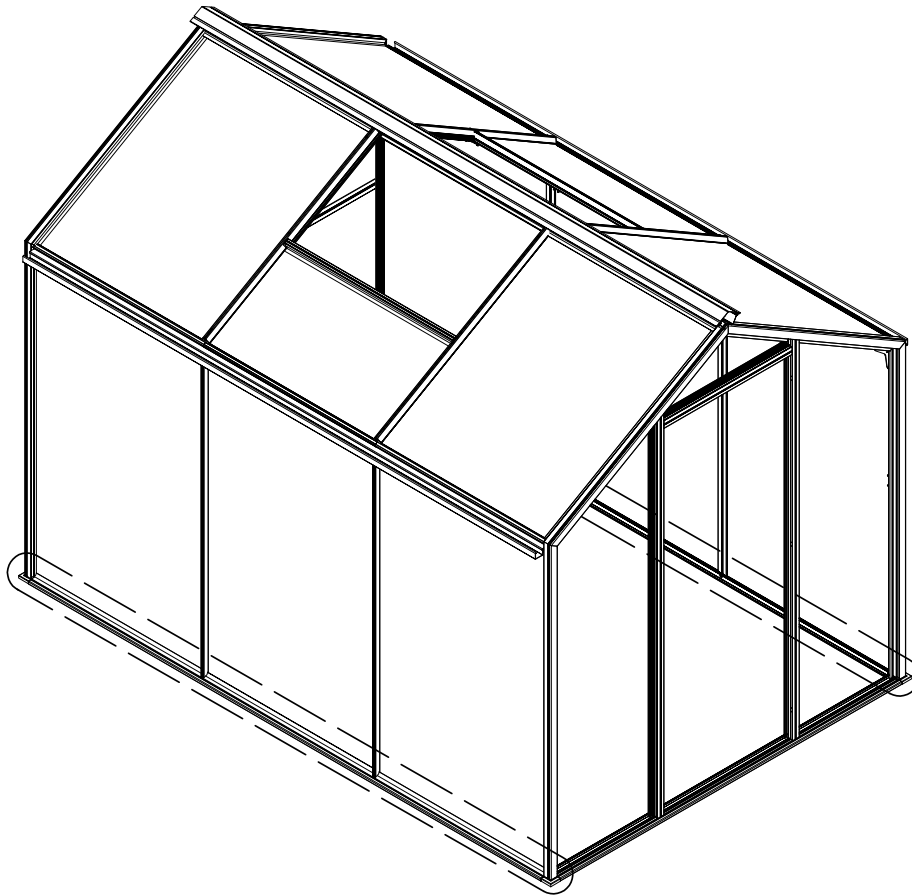
PARTS LIST GLAZING SIDE/EAVES

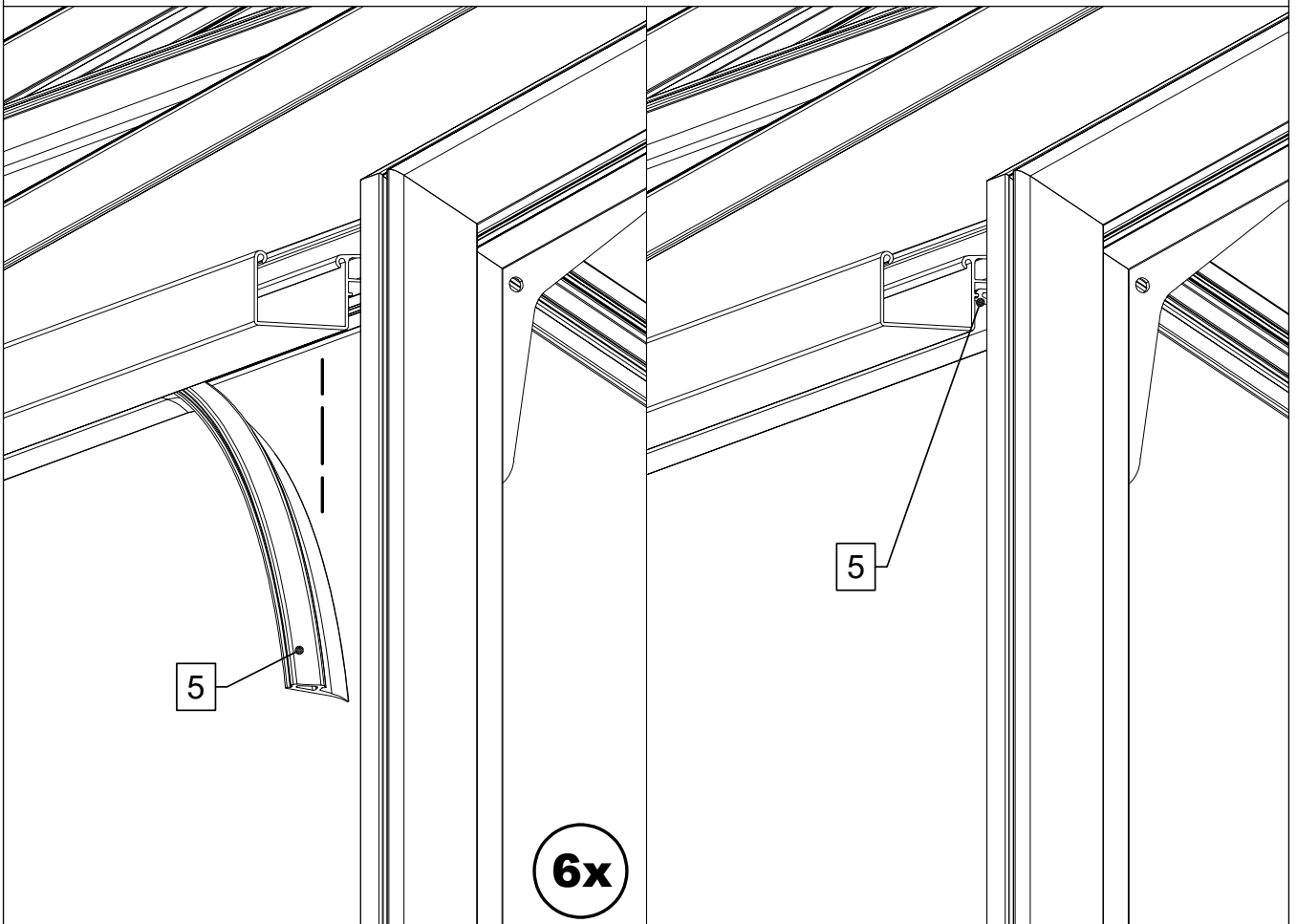
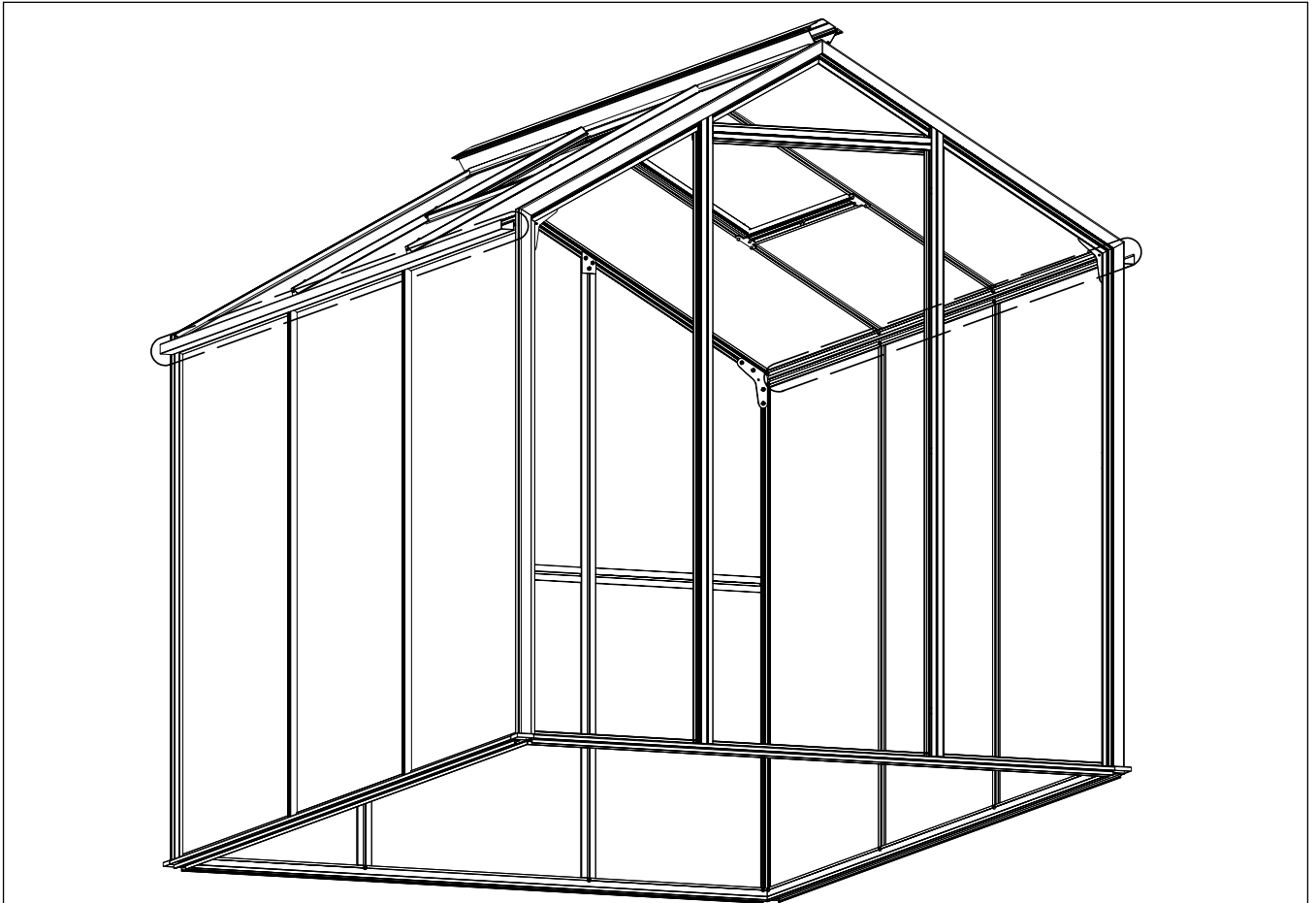
Solara/Eclipse

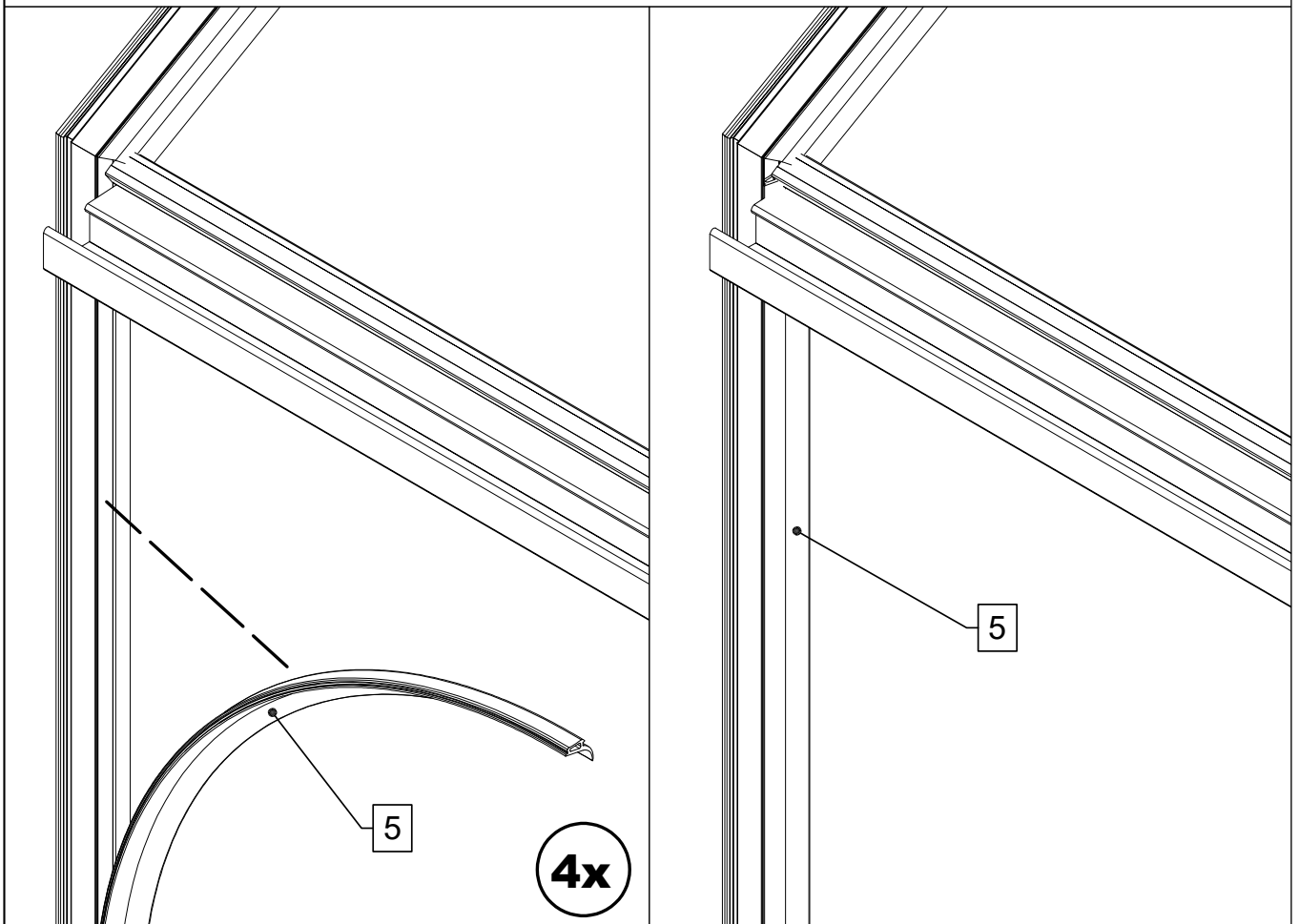
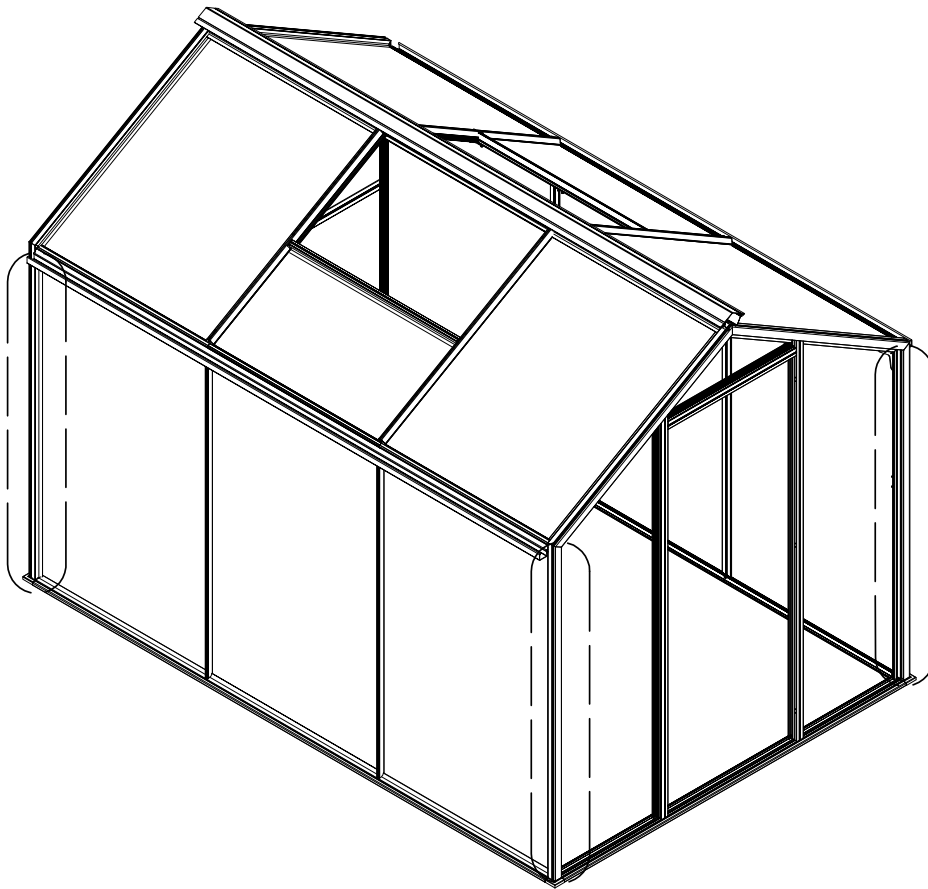
No.	Diagram	Part No.	Description	Number	Comment
1		P011-05-01-00-02-1	Cover strip 6mm only at 4mm compare	Typ 2: 2 Typ 3: 4 Typ 4: 6	1630 mm
2		P012-03-01-00-04-1	Cover strip 10mm only at 10mm compare	Typ 2: 2 Typ 3: 4 Typ 4: 6	1630 mm
3		9999000617	Wooden Glazing Block 80 x 20 x 2mm	Typ 2: 8 Typ 3: 12 Typ 4: 16	
4		9999000144	Lens head screw 4.2 x 13	Typ 2: 8 Typ 3: 16 Typ 4: 24	DIN 7981
5		9999000116	Gasket GHD 4 - 10mm	Typ (Ifdm.) 2: 15 3: 19 4: 23	
6		9999000376	Rung seal 2mm	Typ (Ifdm.) 2: 6,6 3: 13,2 4: 19,7	
7			Glazing (side/eaves) 1635 x 980mm	Typ 2: 4 Typ 3: 6 Typ 4: 8	
8					
9					
10					
11					
12					

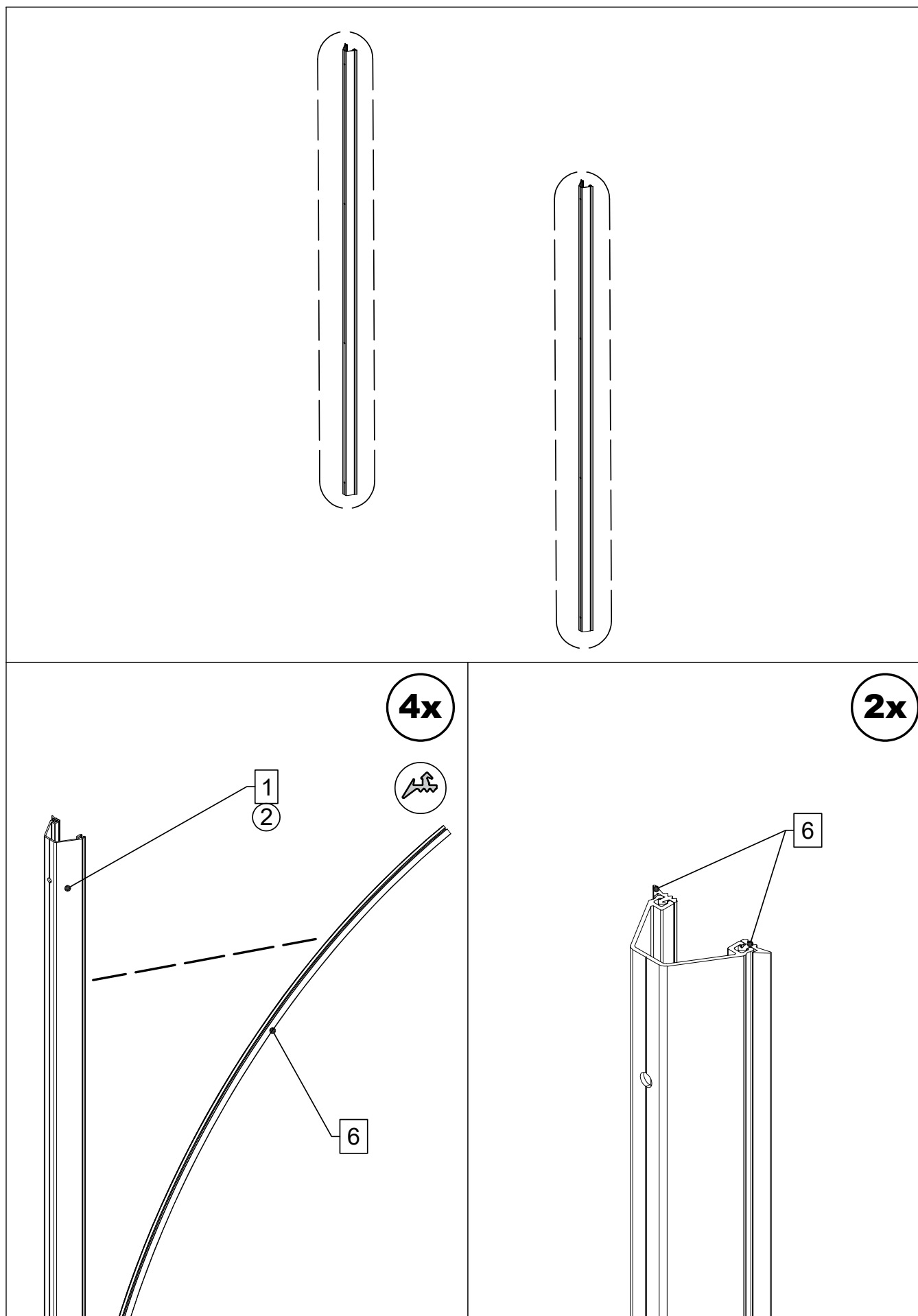


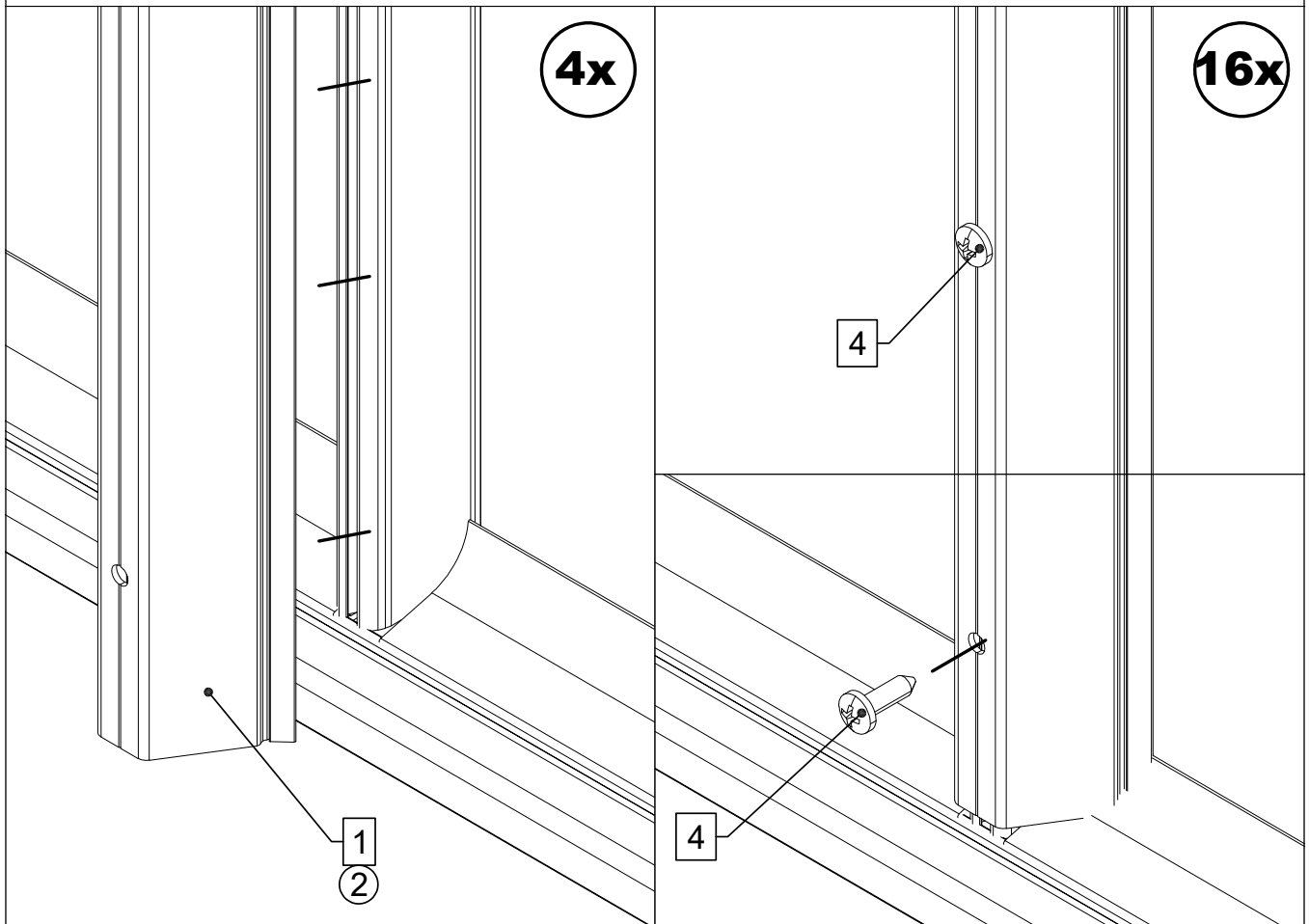
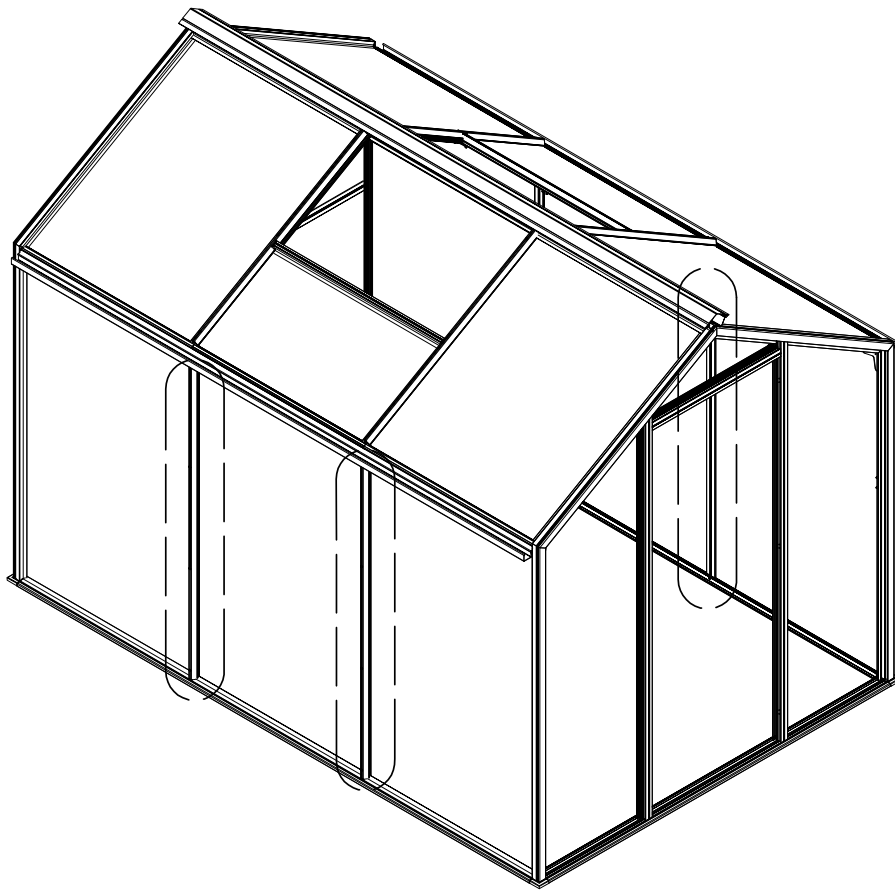






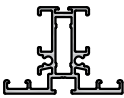
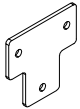
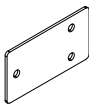
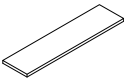


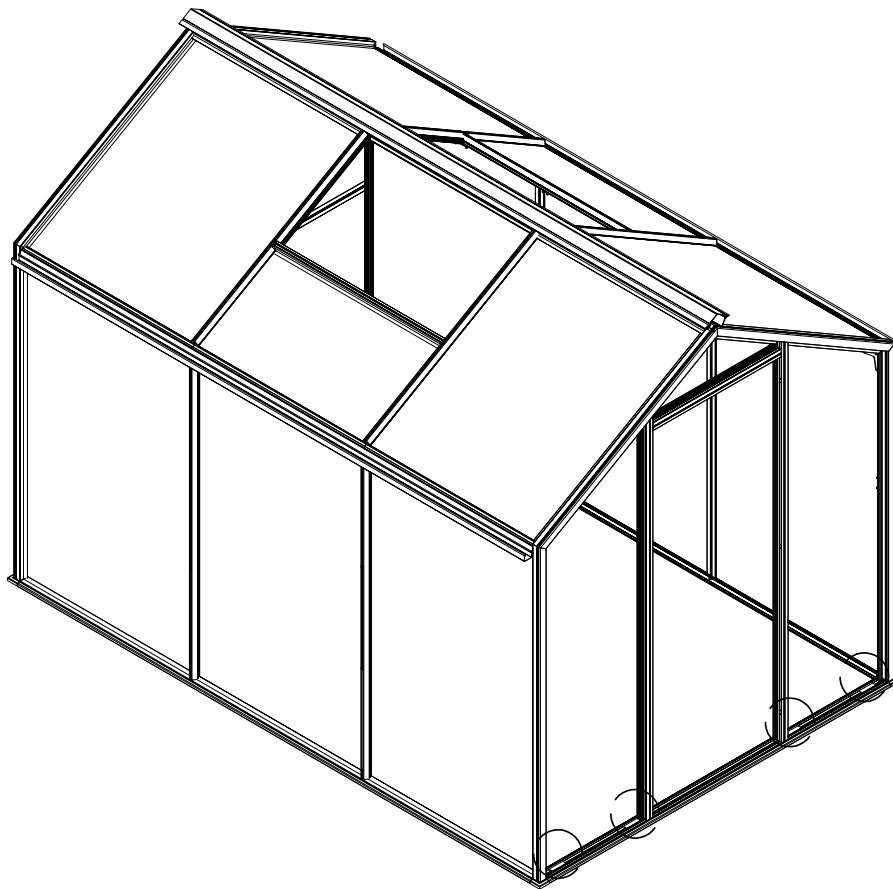




PARTS LIST GLAZING FRONT GABLE

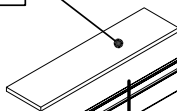
Solara/Eclipse

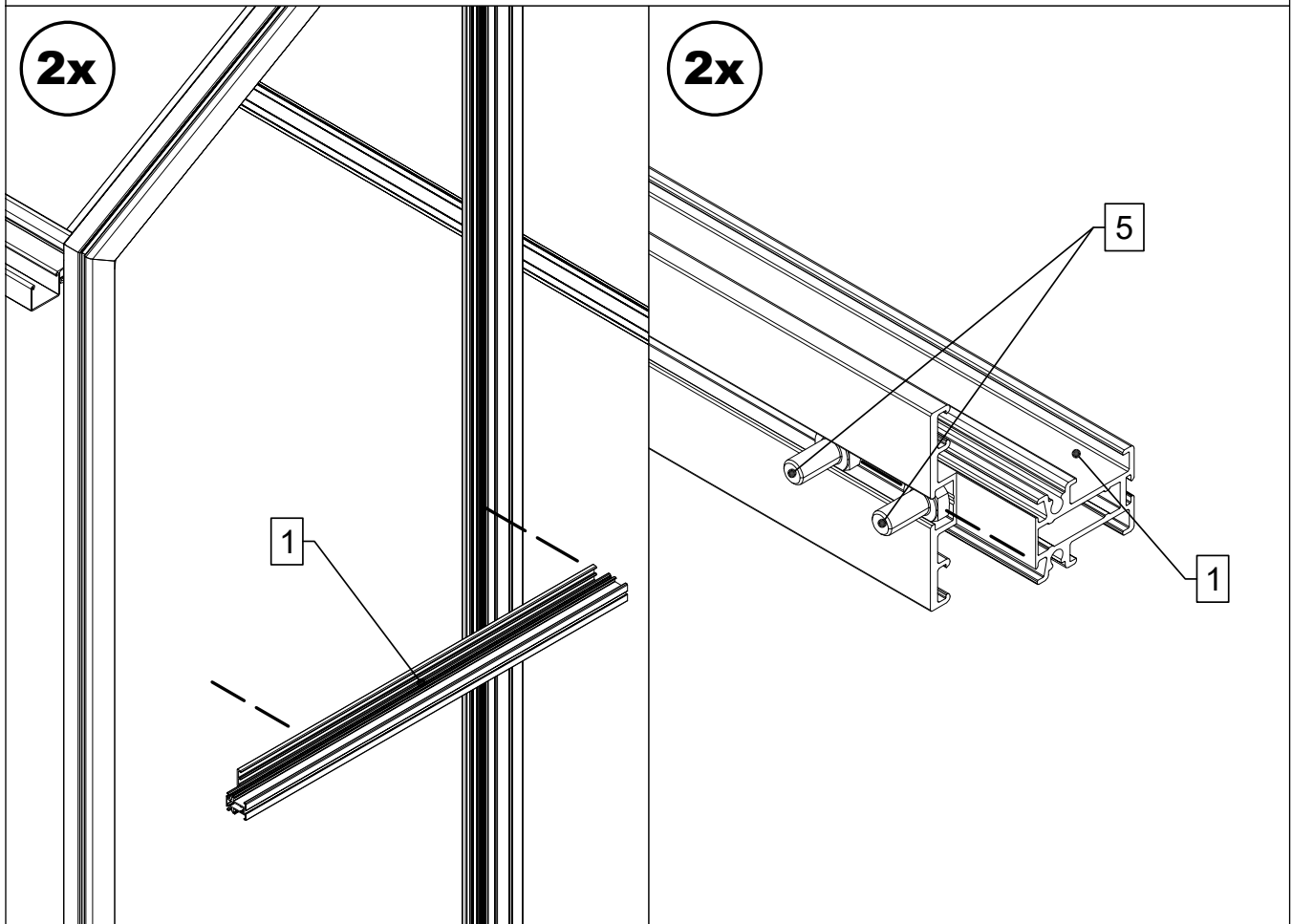
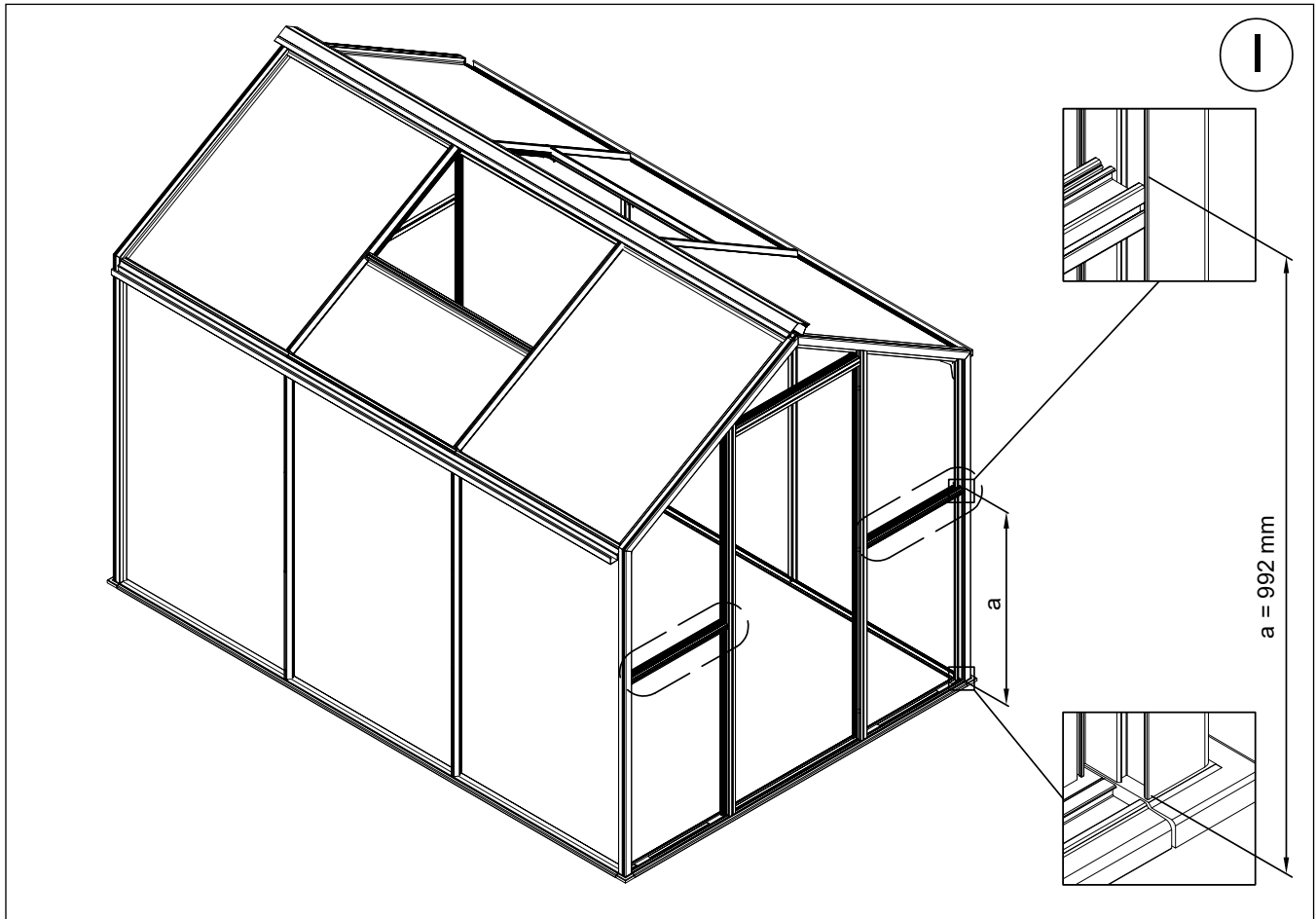
No.	Diagram	Part No.	Description	Number	Comment
1		P018-01-01-00-00-1 P018-02-01-00-00-1	TR-rung (edge, notch: 15/24mm)	2 2	Solara: 581mm Eclipse: 764mm
2		9999001497	T-connector	2	
3		9999001496	Connector	2	
4		9999000617	Wooden glazing block 80 x 20 x 2mm	10	
5		9999000124	Hex screw M6 x 12	4	DIN 933
6		9999000128	Hex nut M6	12	DIN 934
7		9999000116	Gasket GHD 4 - 10mm	14 lfdm. 17 lfdm.	Solara Eclipse
8			Glazing (below, outside) 967 x 575mm 965 x 758mm	2 2	Solara Eclipse
9			Glazing (above, outside) 967 x 575mm 965 x 758mm	2 2	Solara Eclipse
10			Glazing (top, middle) 245/30 x 740mm 408/138 x 938mm	1 1	Solara Eclipse
11					
12					

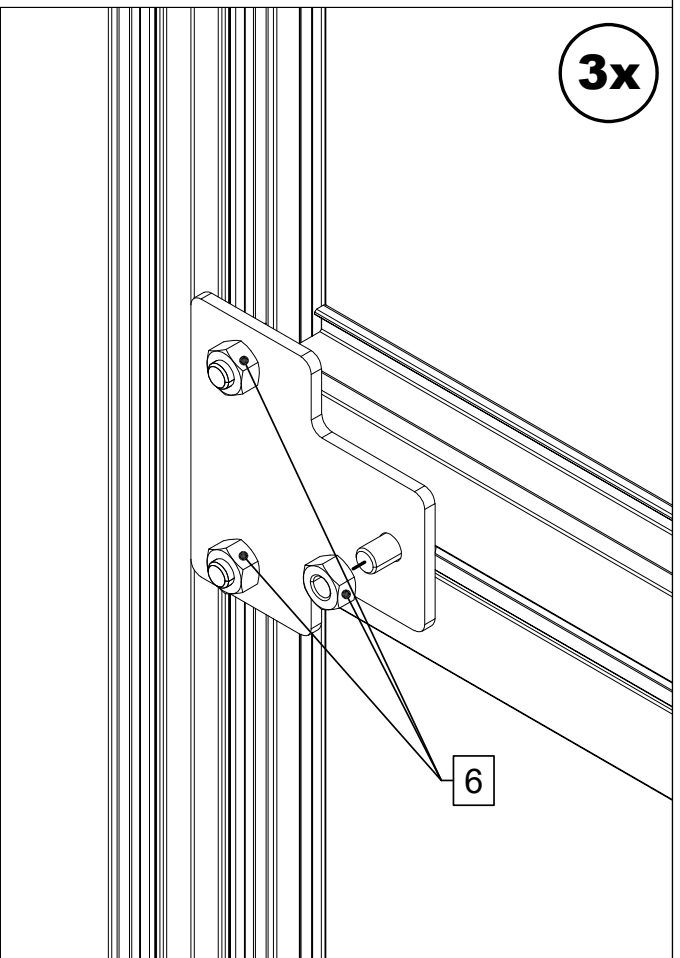
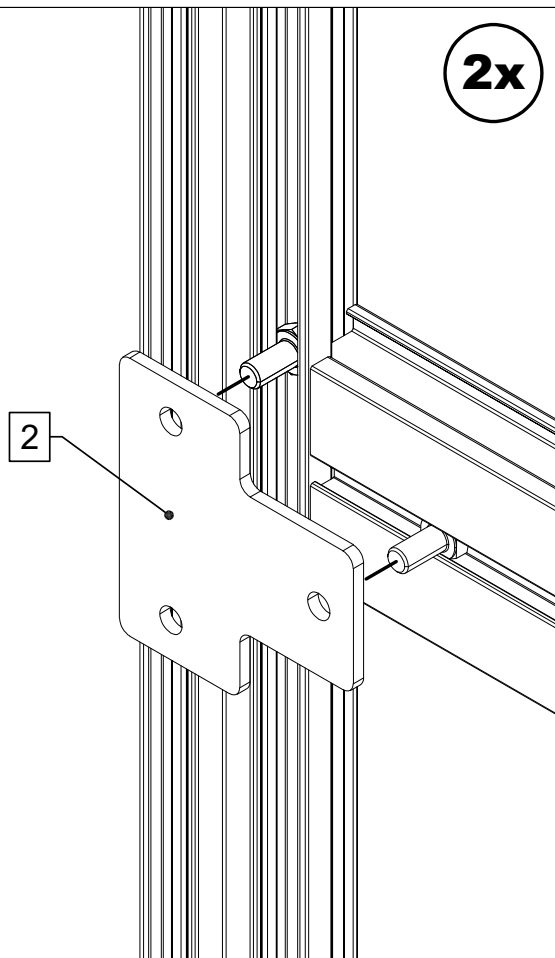
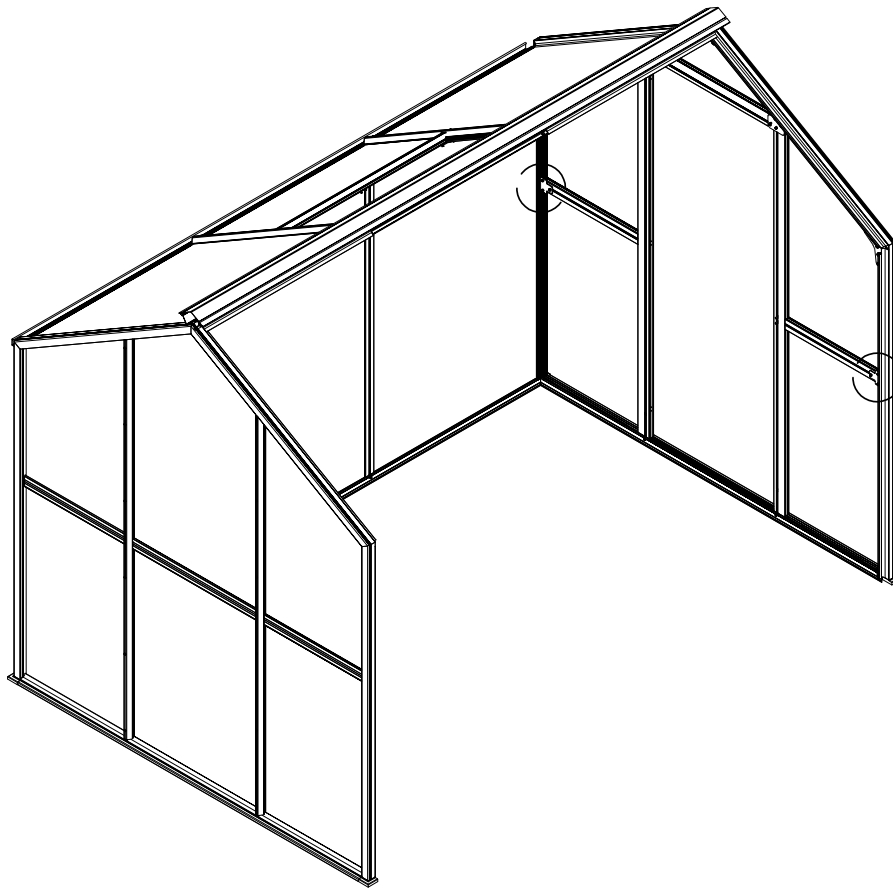


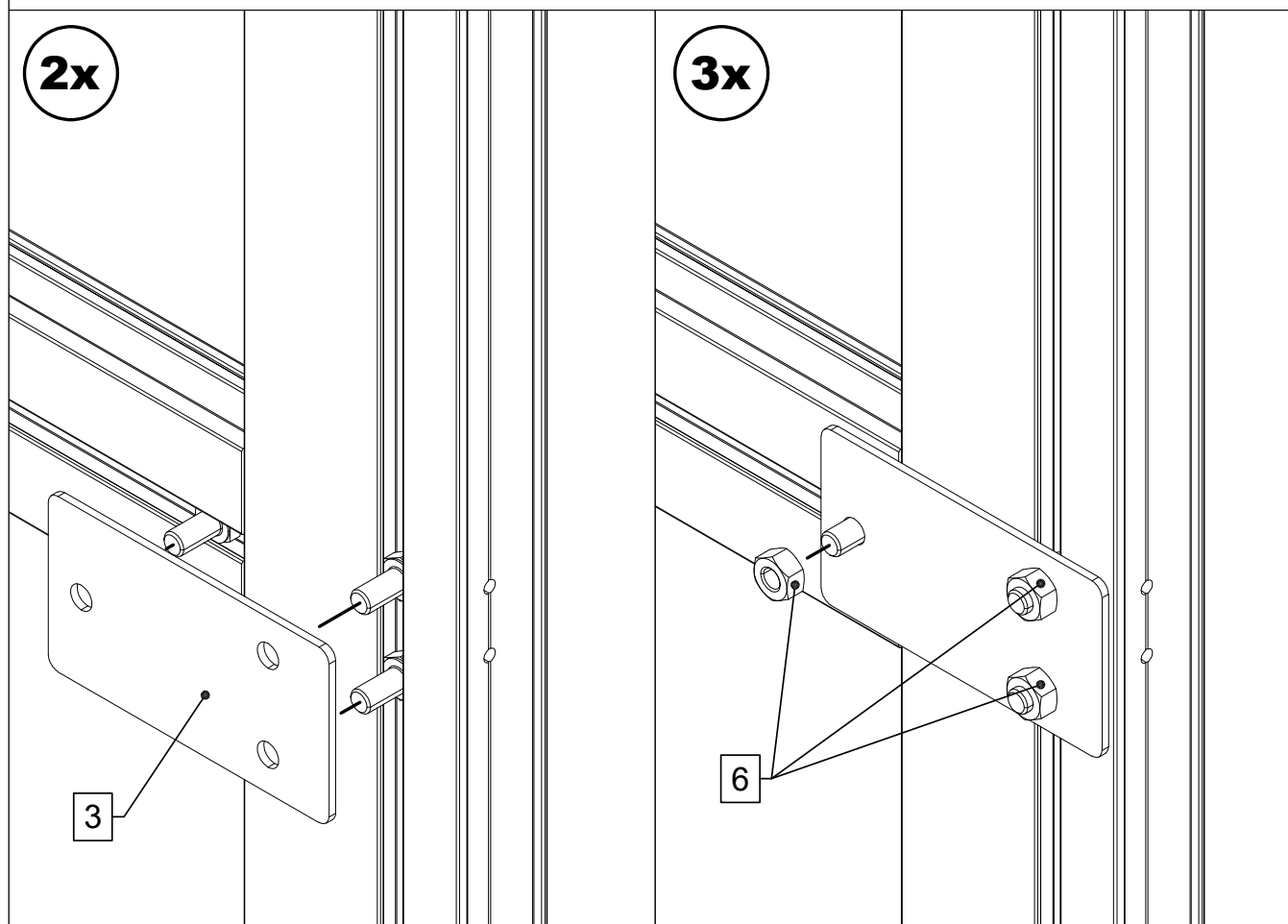
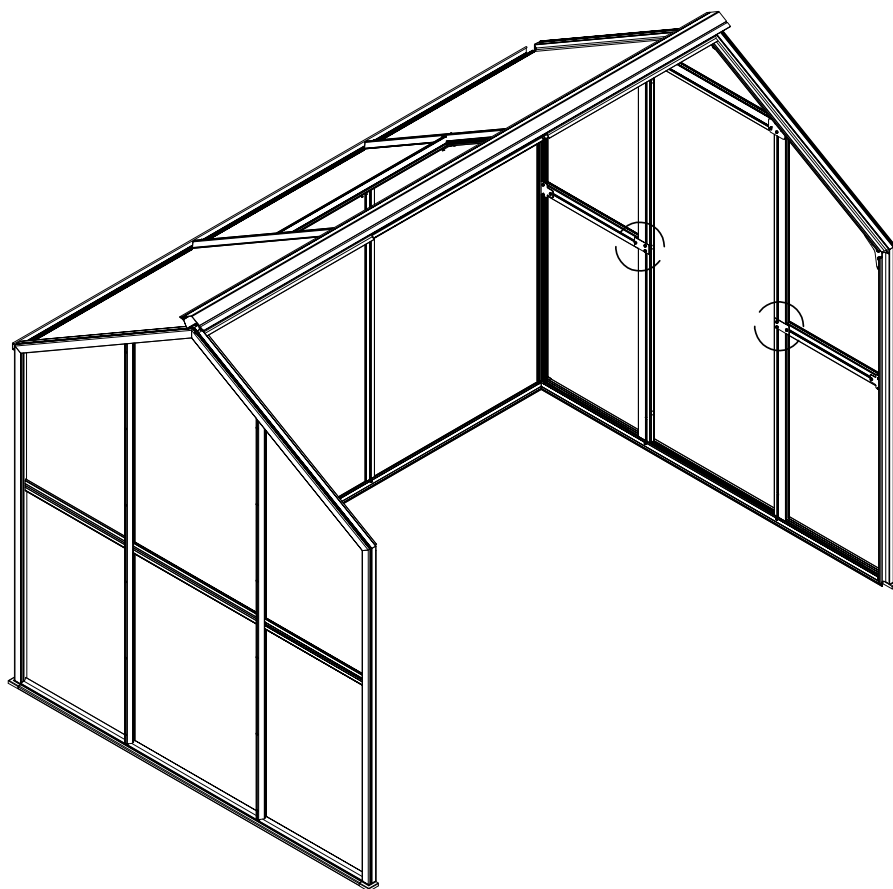
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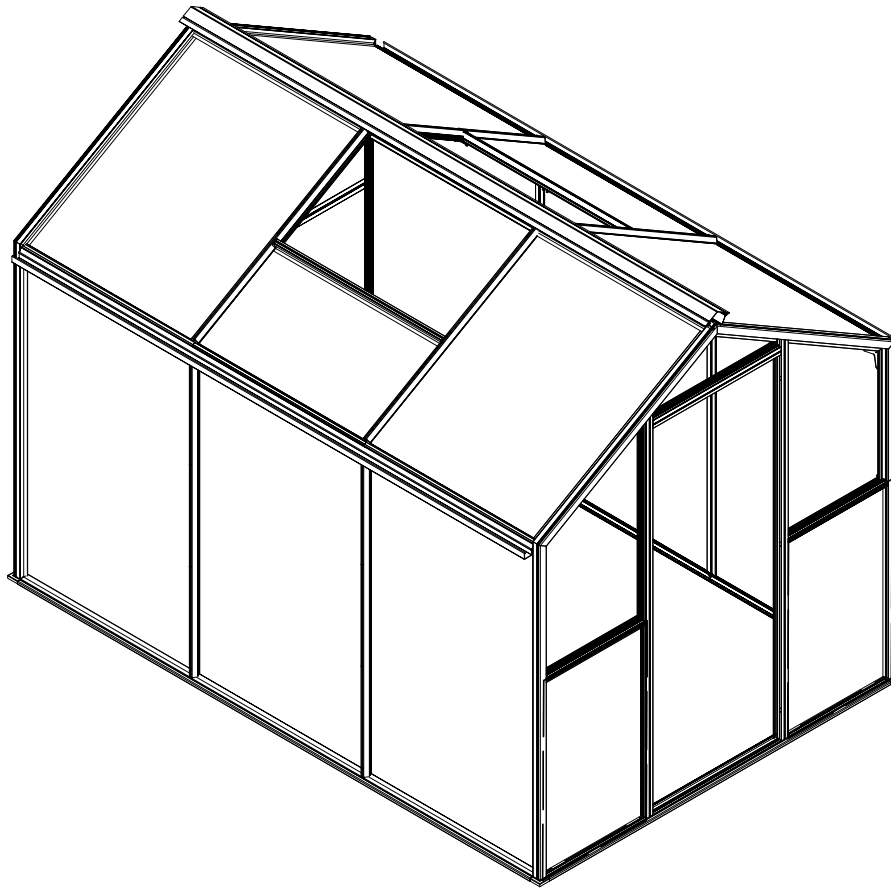
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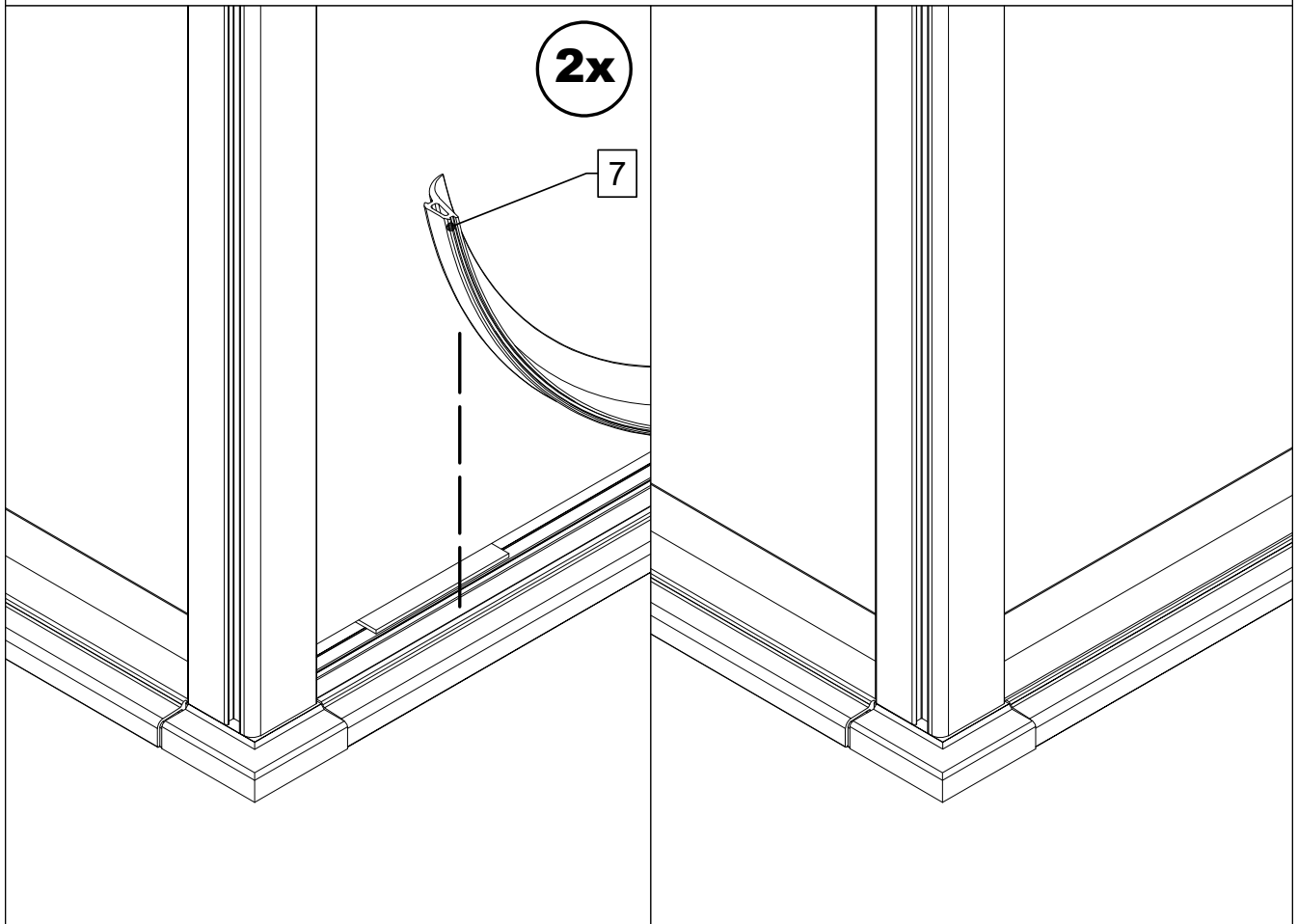
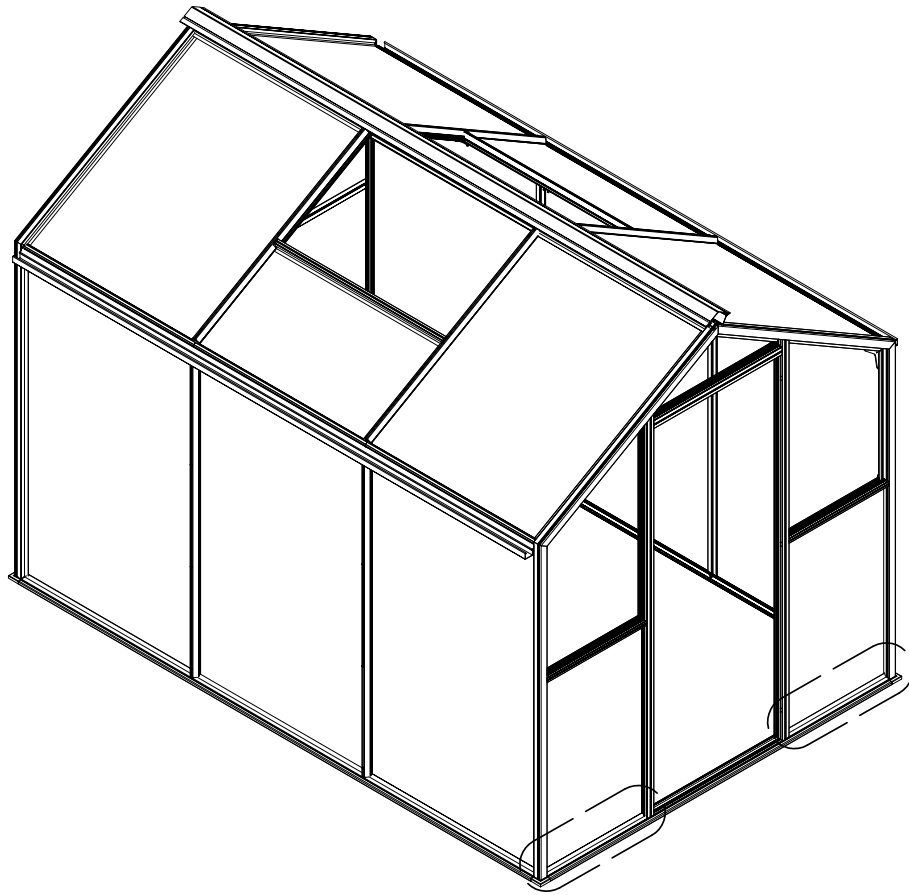


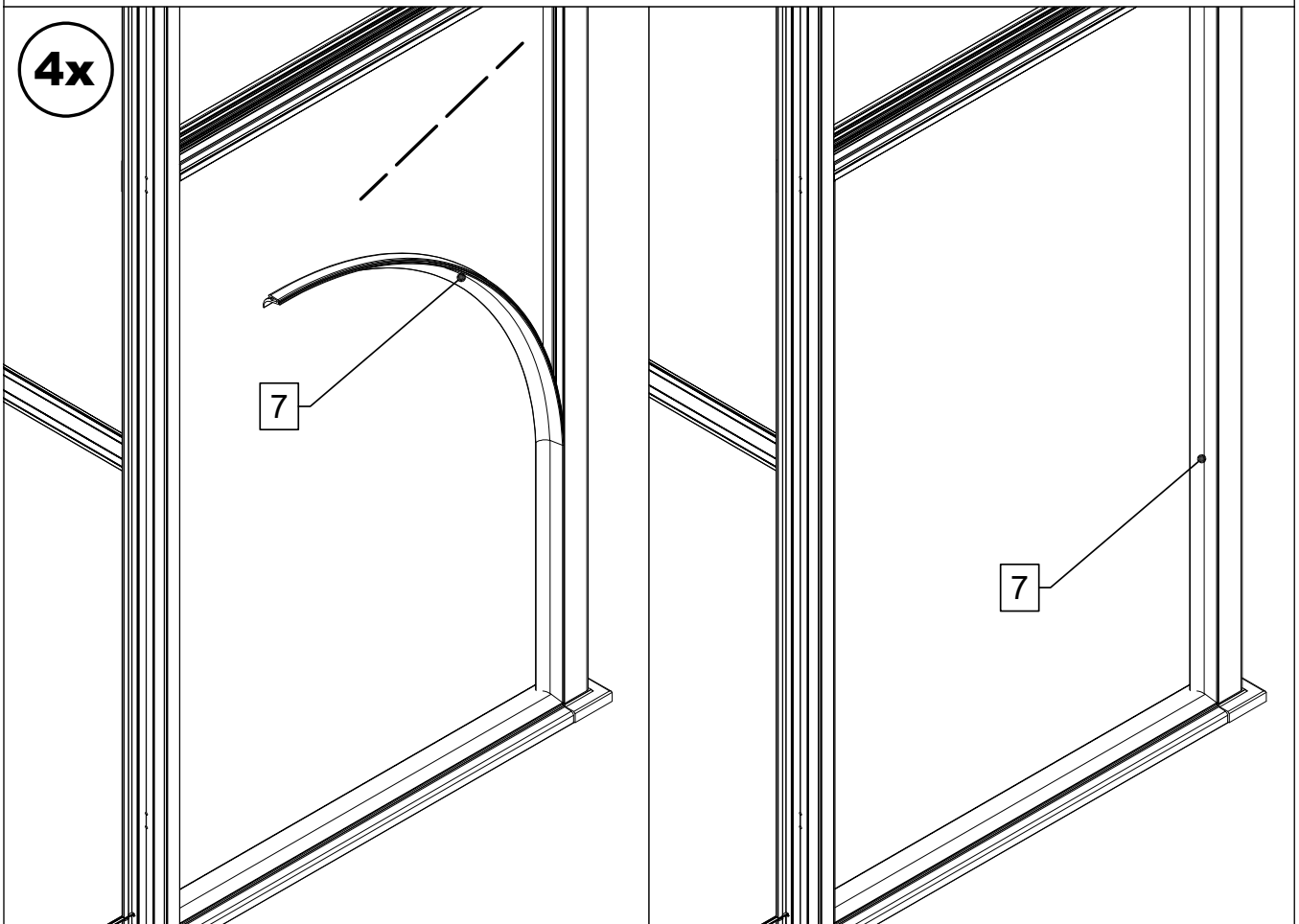
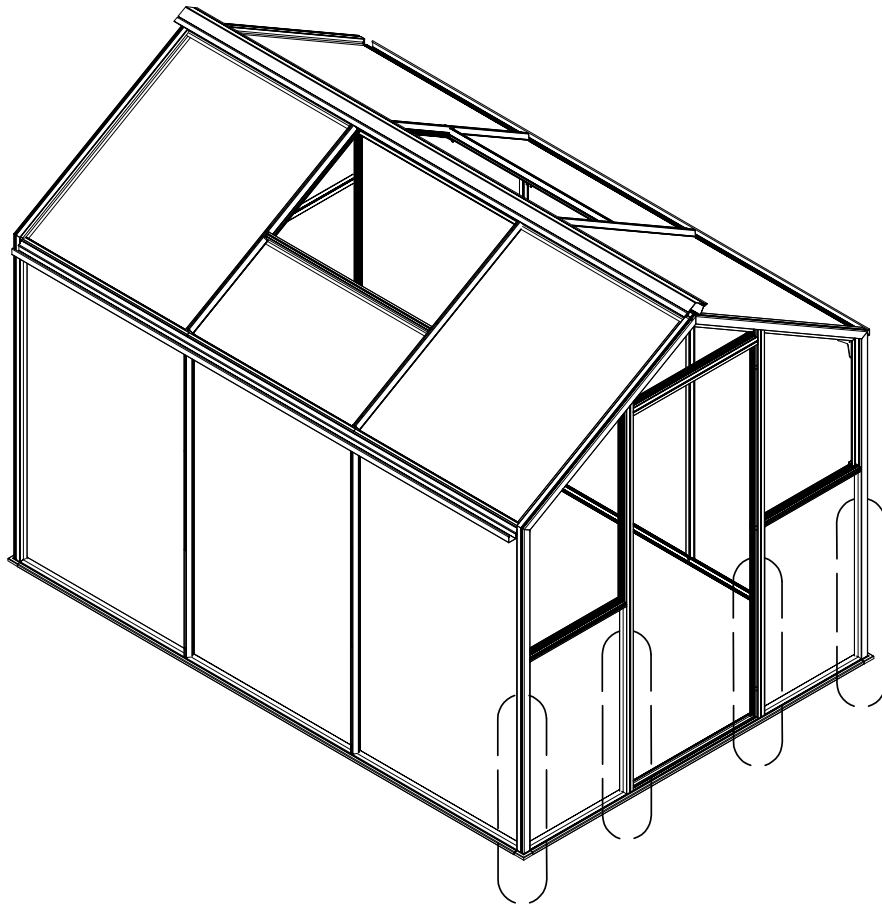


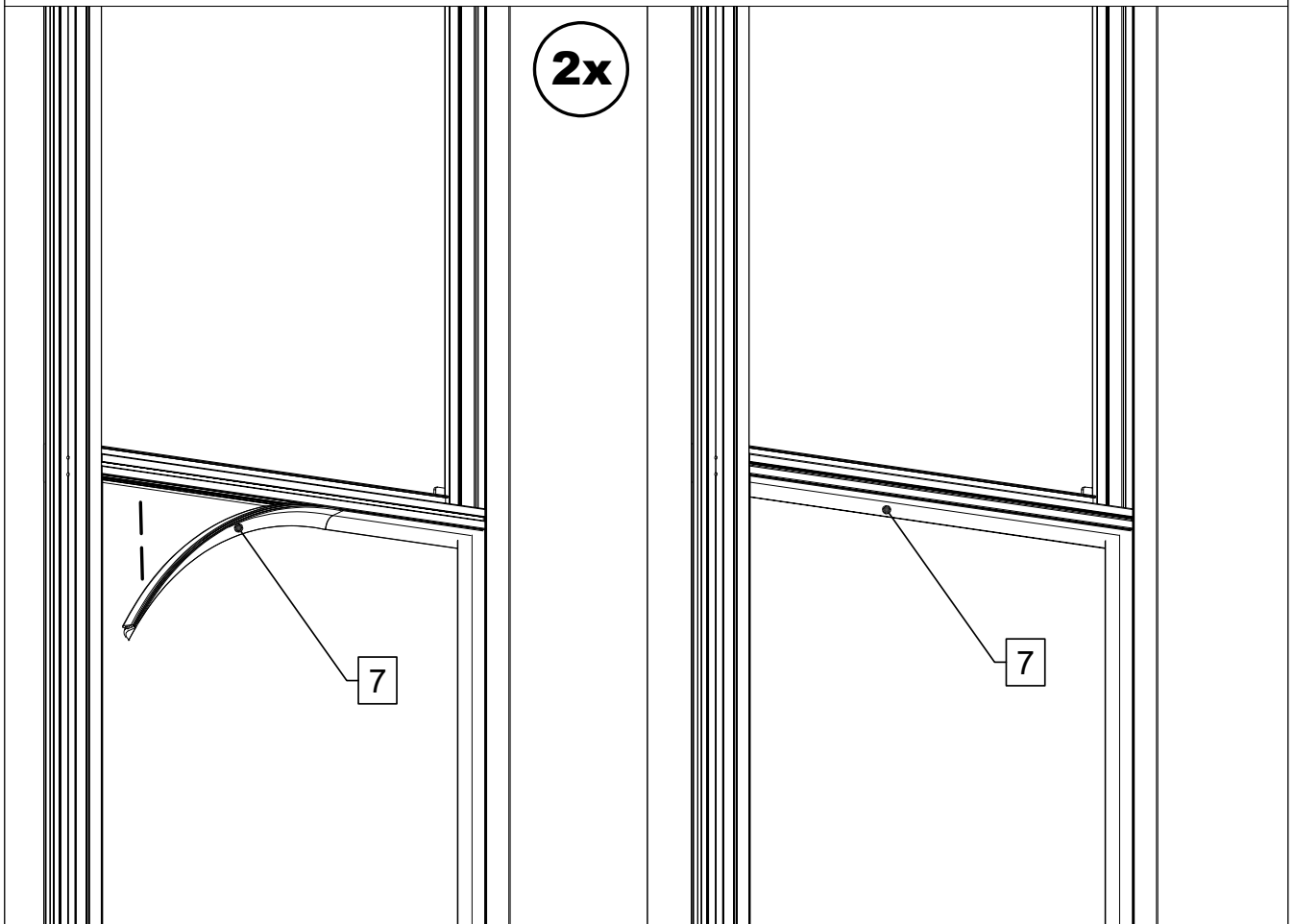
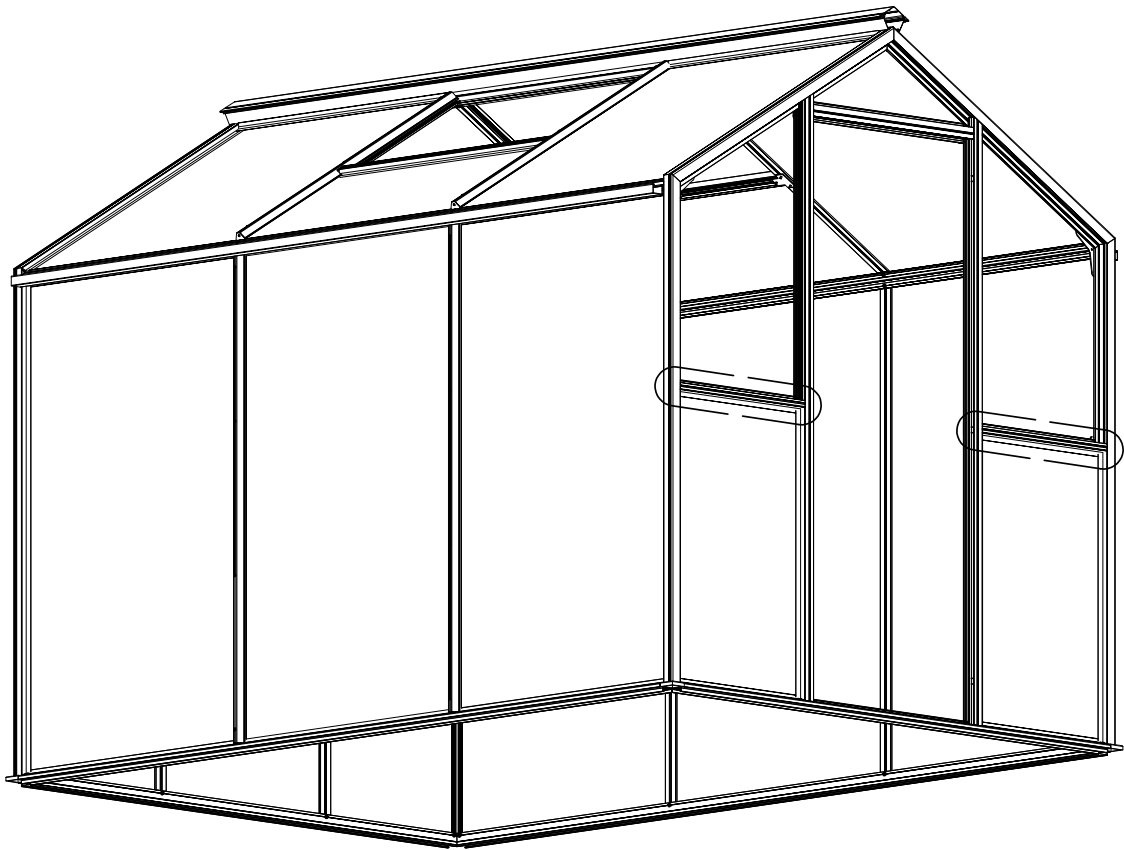


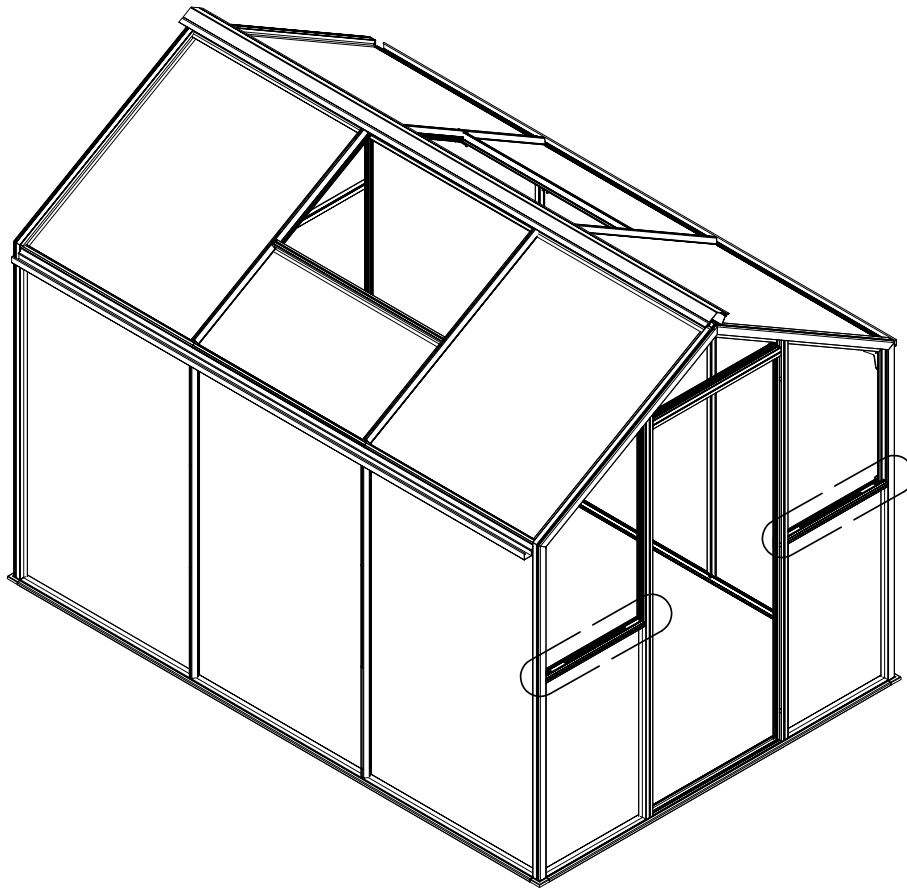
2x

8



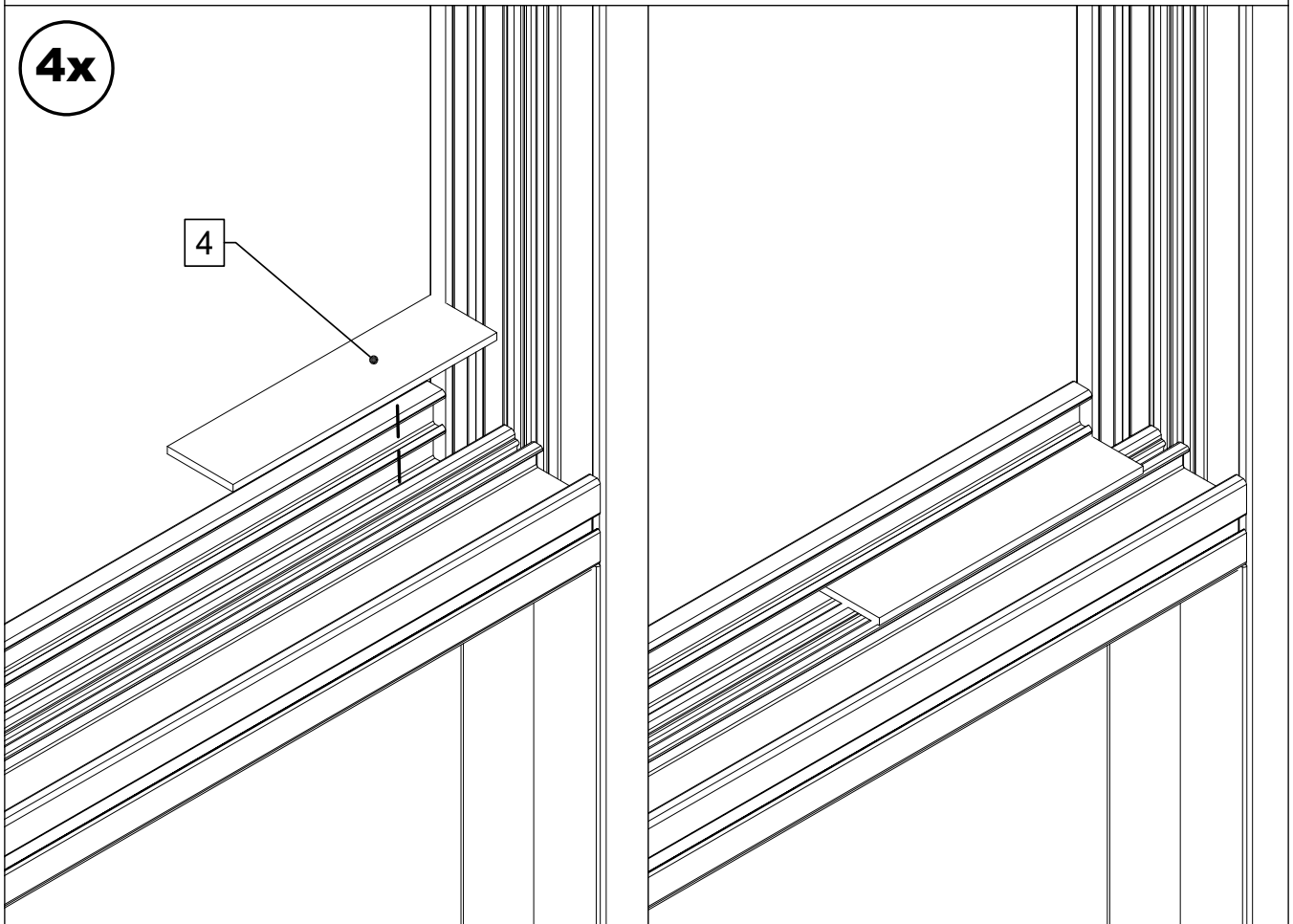


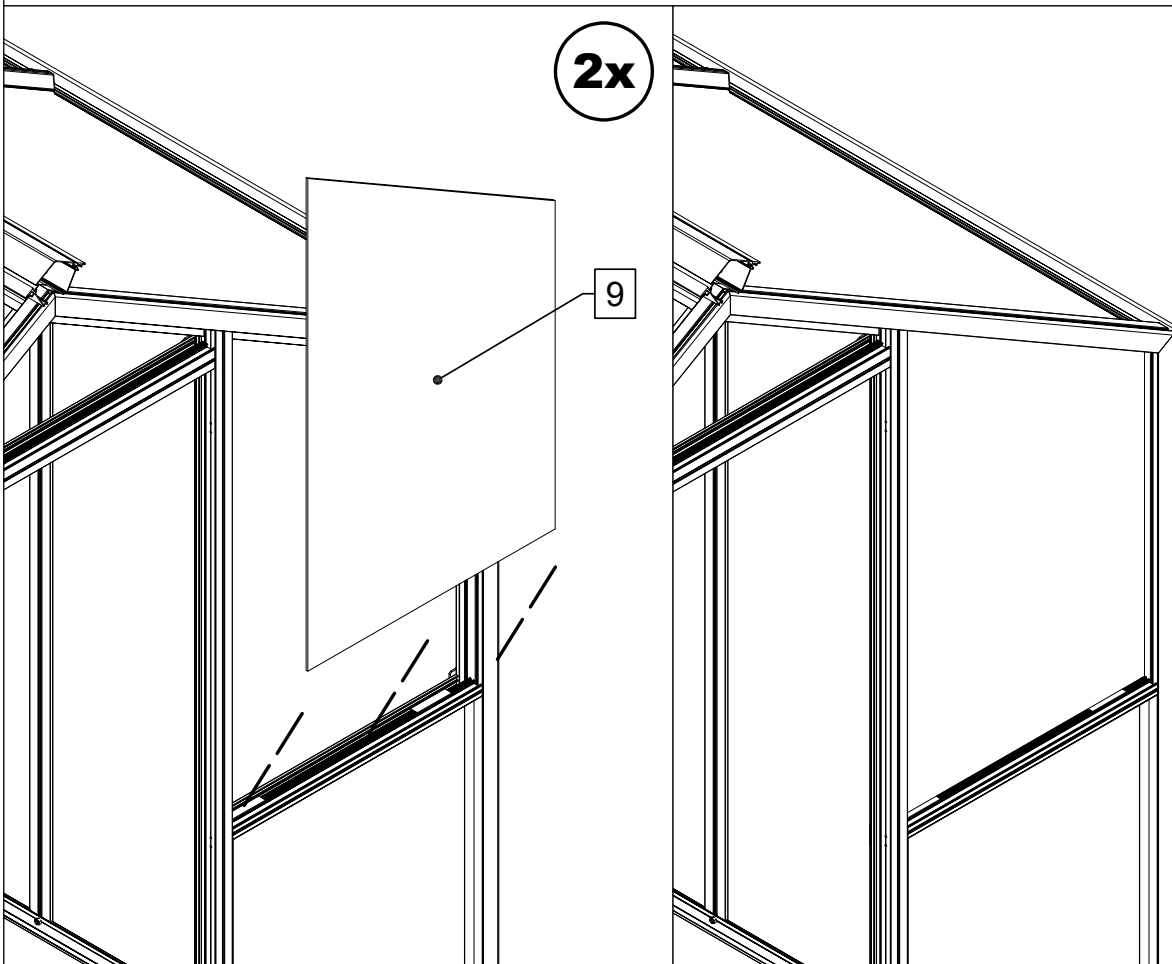
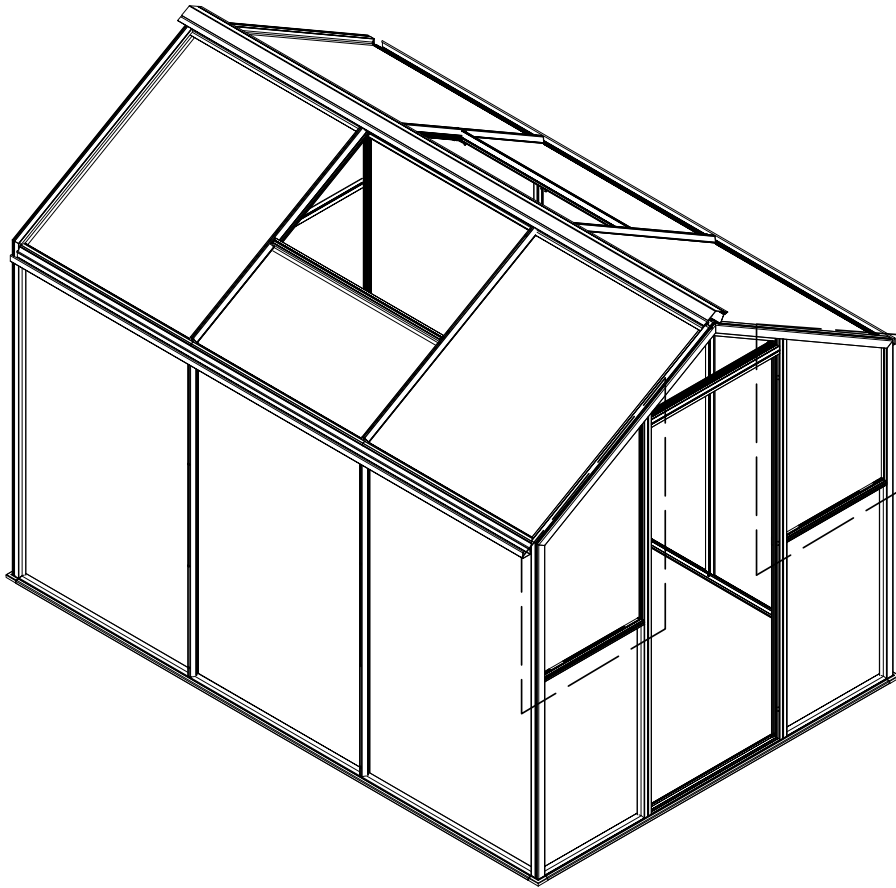


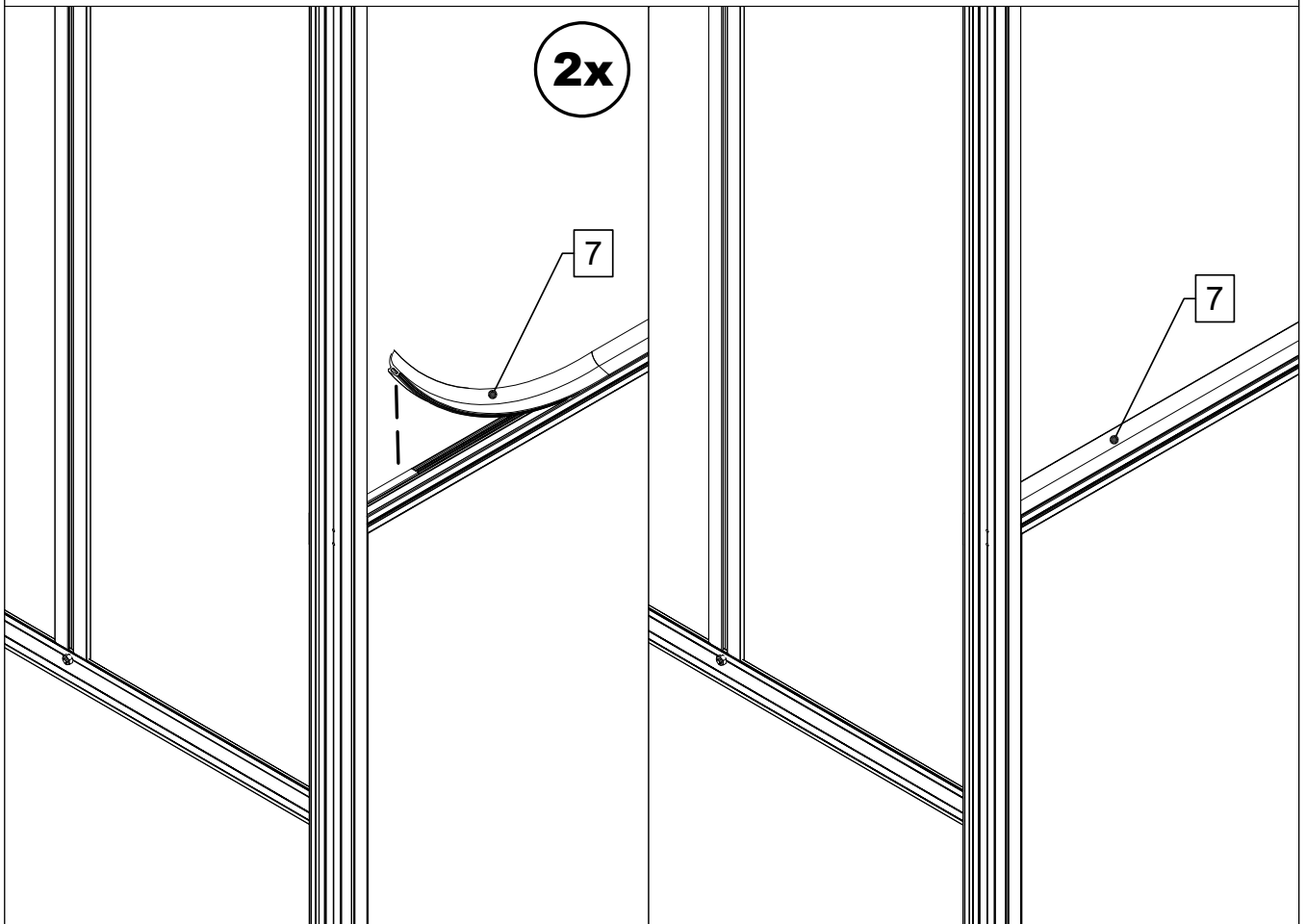
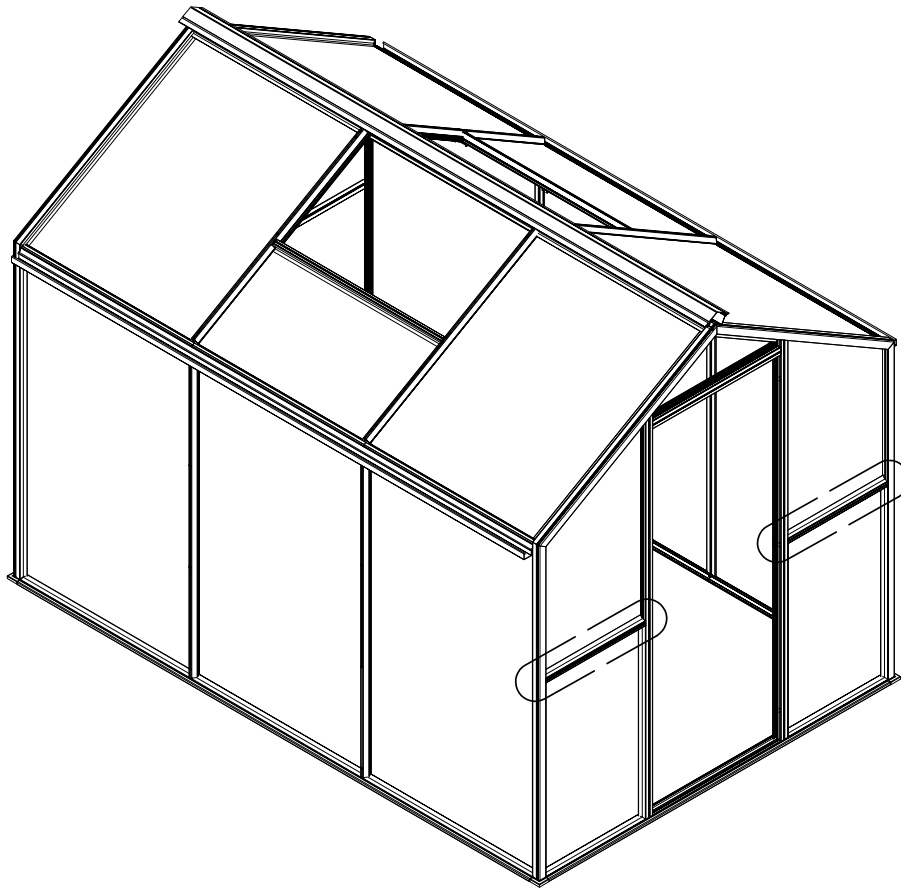


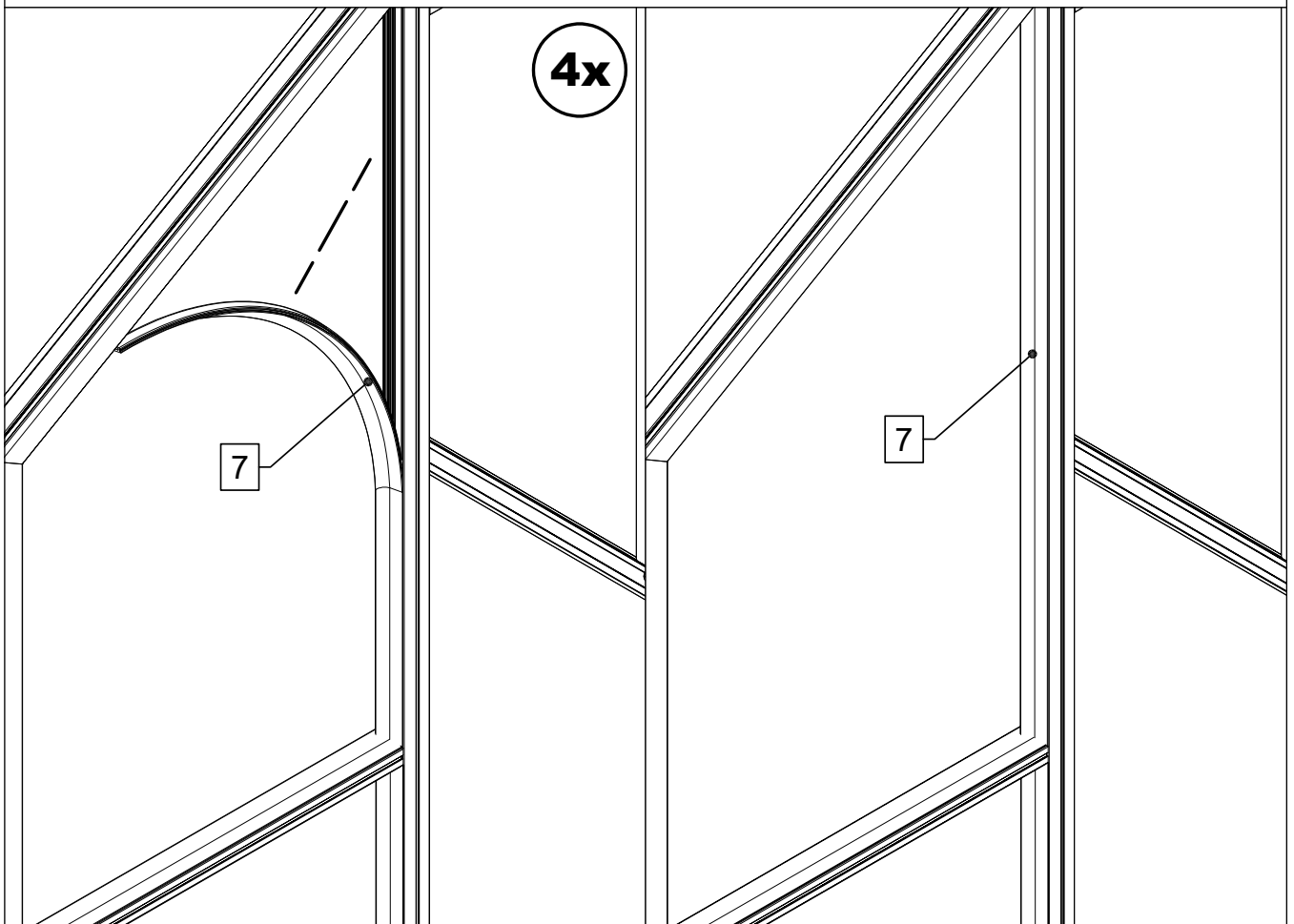
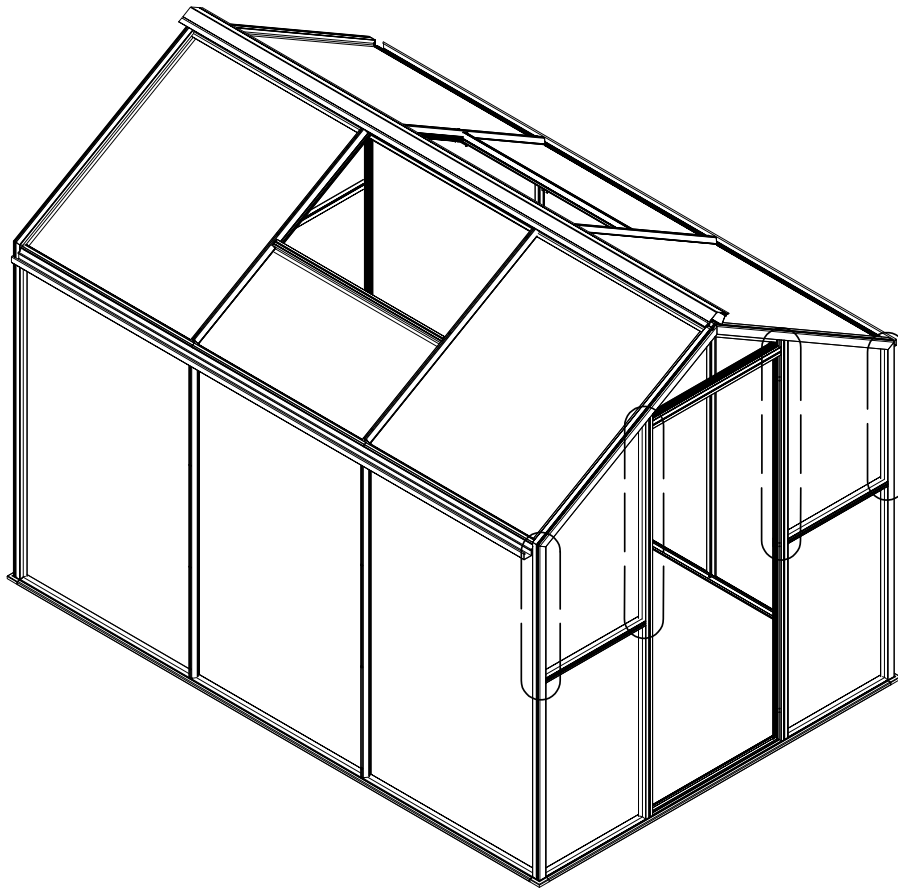
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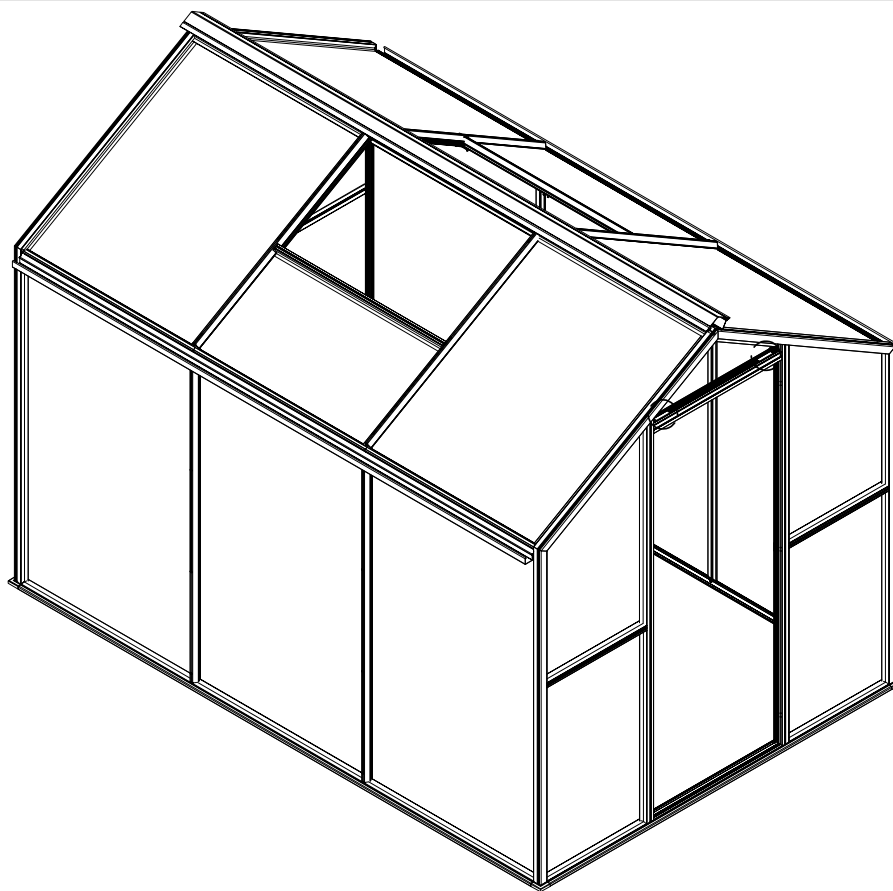
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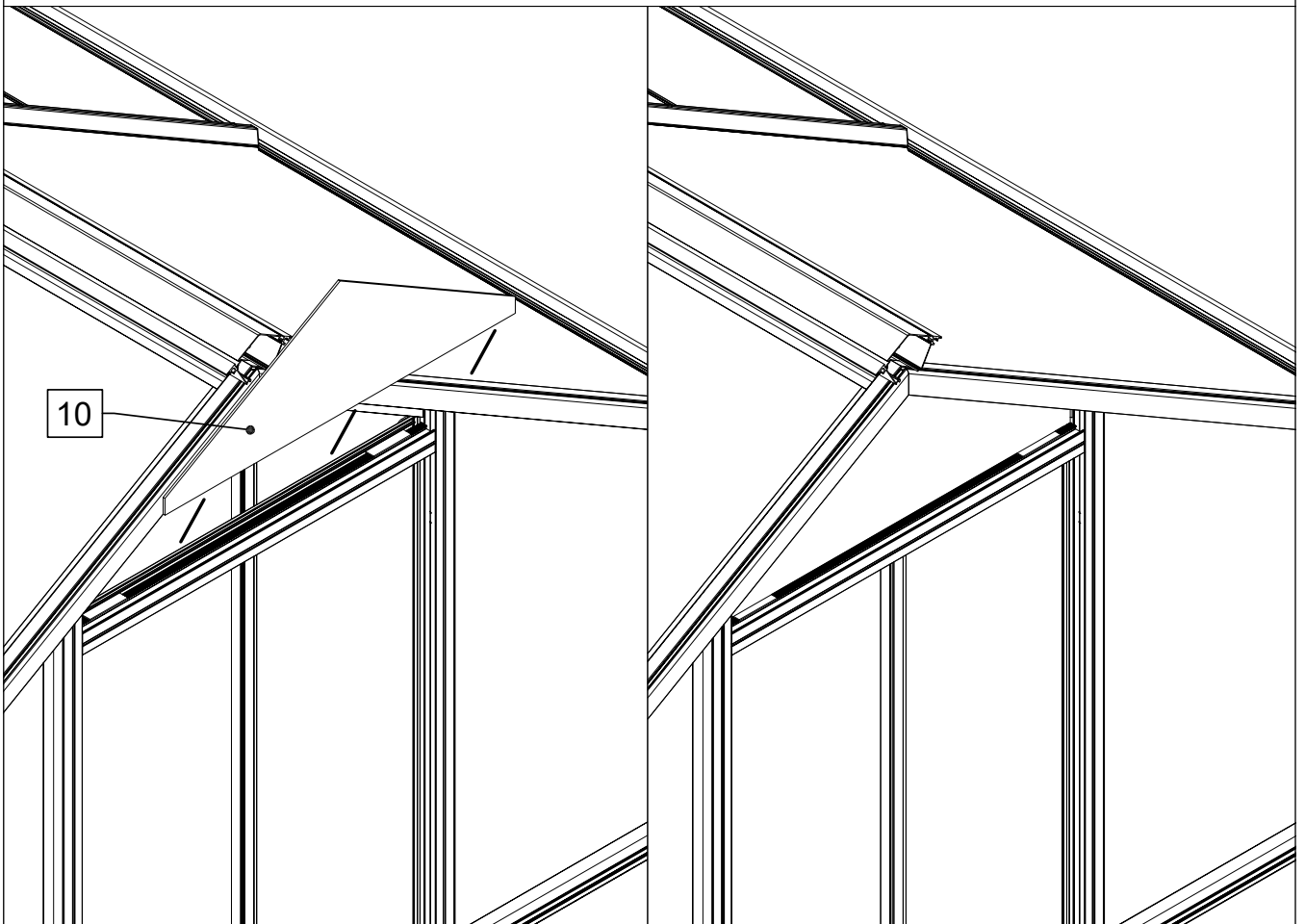
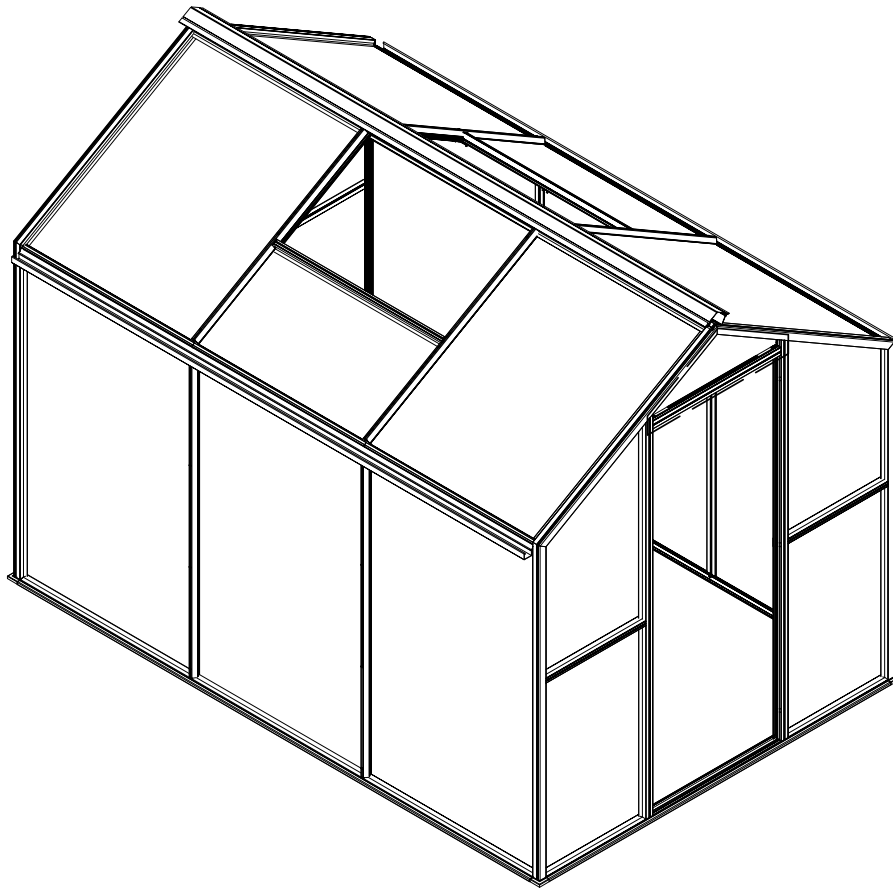


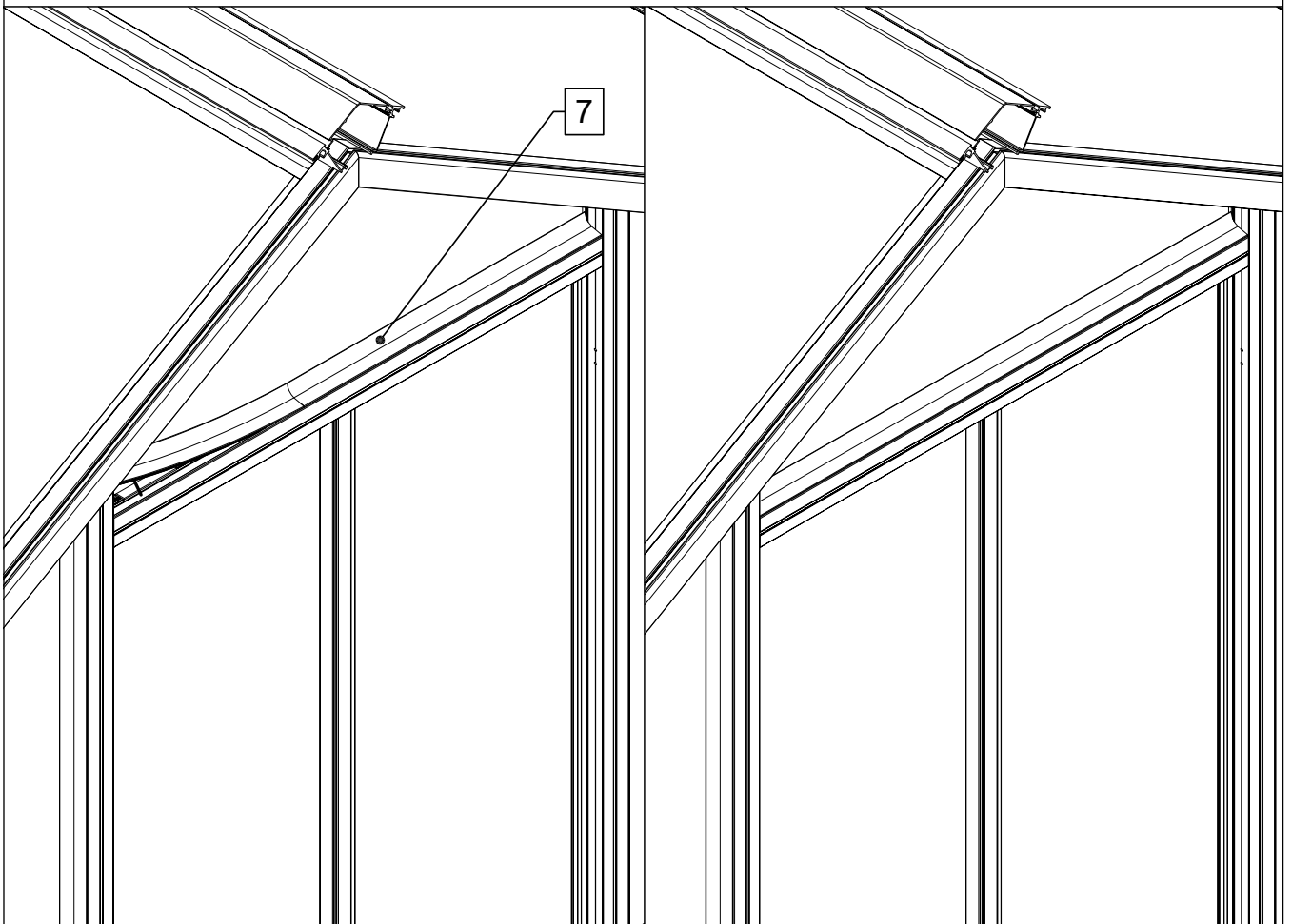
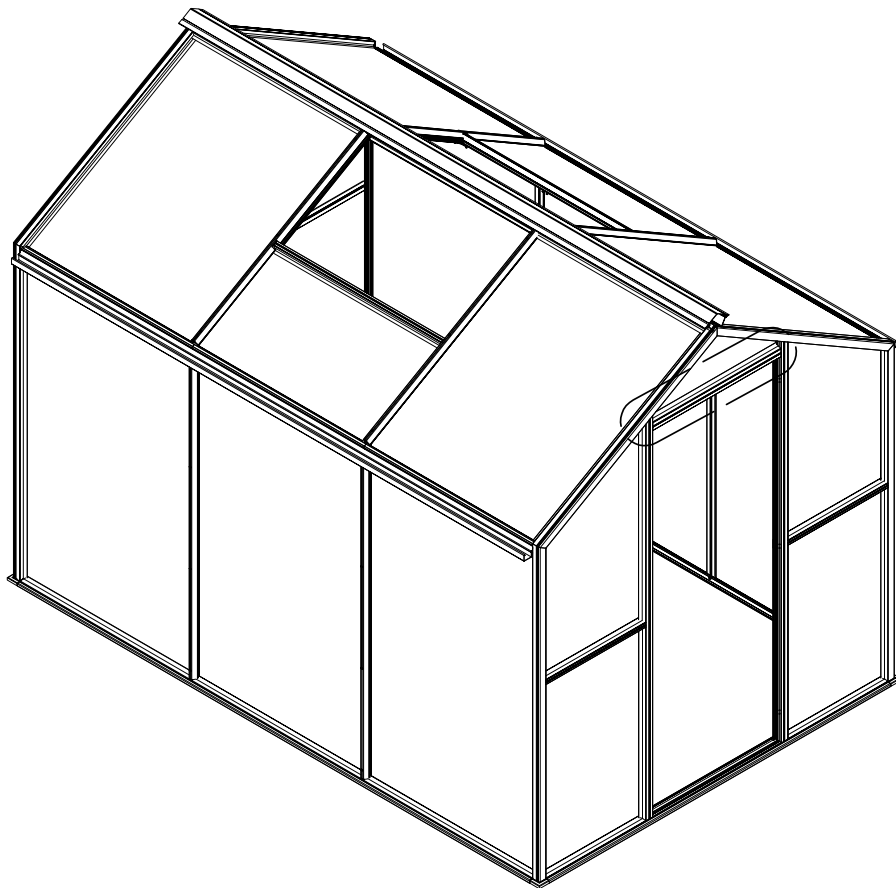


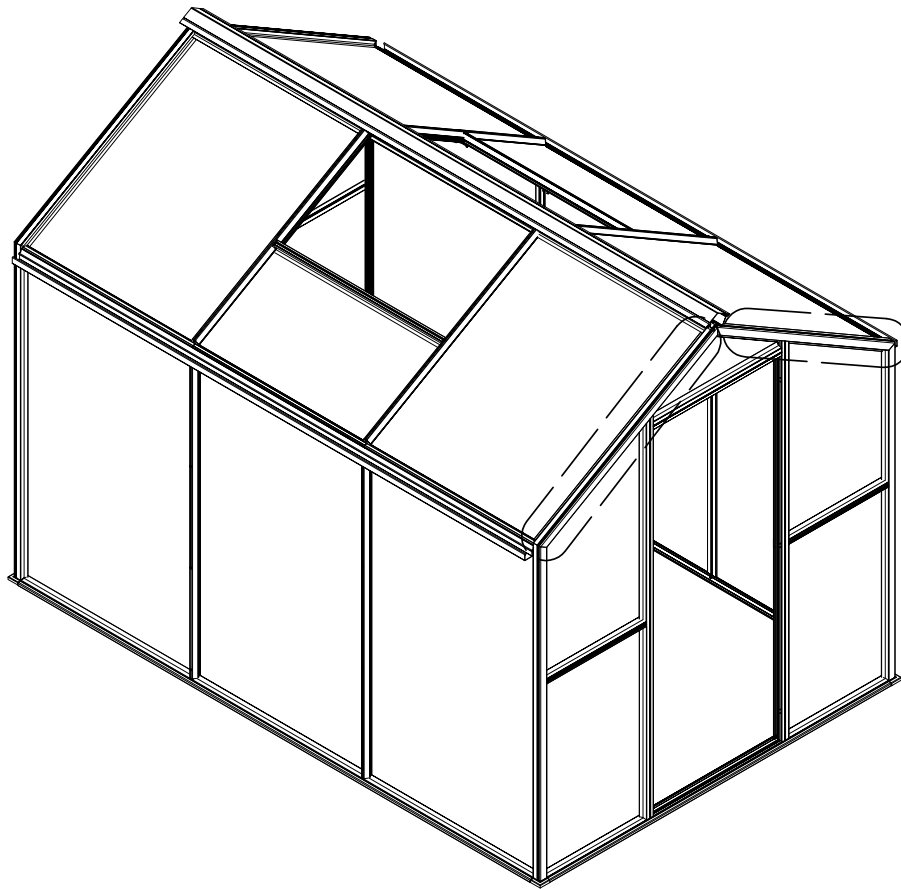


2x

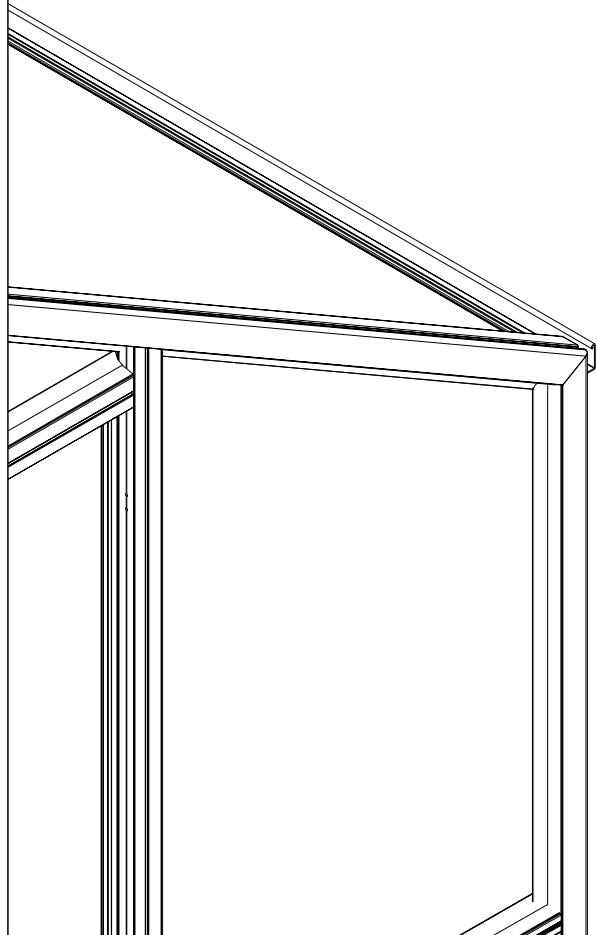
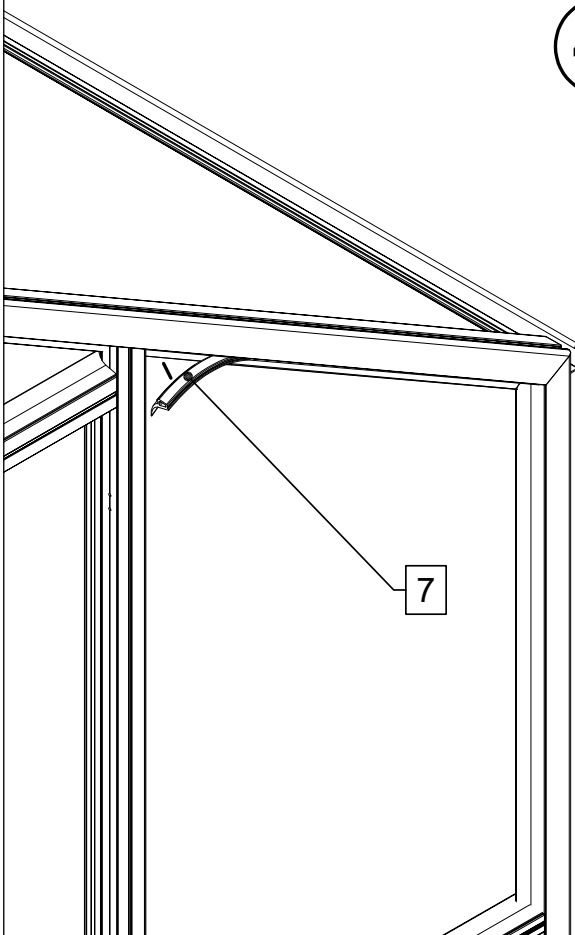
4







4x



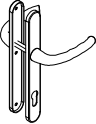
DOOR PARTS LIST

Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
1			Door frame (bottom)	1 1	Solara: 958 x 734mm Eclipse: 958 x 934mm
2			Door frame (above)	1 1	Solara: 958 x 734mm Eclipse: 958 x 934mm
3		P021-01-01-00-00-1 P021-02-01-00-00-1	Cover	1	Solara: 744mm Eclipse: 944mm
4		P019-01-01-00-02-1 P019-03-01-00-02-1	20mm glazing bead (horizontal) Only for 4mm comparison.	4	Solara: 632mm Eclipse: 832mm
5		P019-02-01-00-02-1	20mm glazing bead (vertical) Only for 4mm comparison.	4	827 mm
6		P020-01-01-00-04-1 P020-03-01-00-04-1	11mm glazing bead (horizontal) Only for 10mm comparison.	4	Solara: 632mm Eclipse: 832mm
7		P020-02-01-00-04-1	11mm glazing bead (vertical) Only for 10mm comparison.	4	827 mm
8		P104-01-01-00-00-1	Hinge	9	30 mm
9		Z004-02-01-00-00-1	Door Lock	1	
10		9999000023	Sash	2	
11		9999000404	Counterpiece (for magnet)	1	ø27 mm
12		9999000403	Magnet	1	ø25 mm

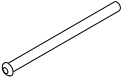
DOOR PARTS LIST

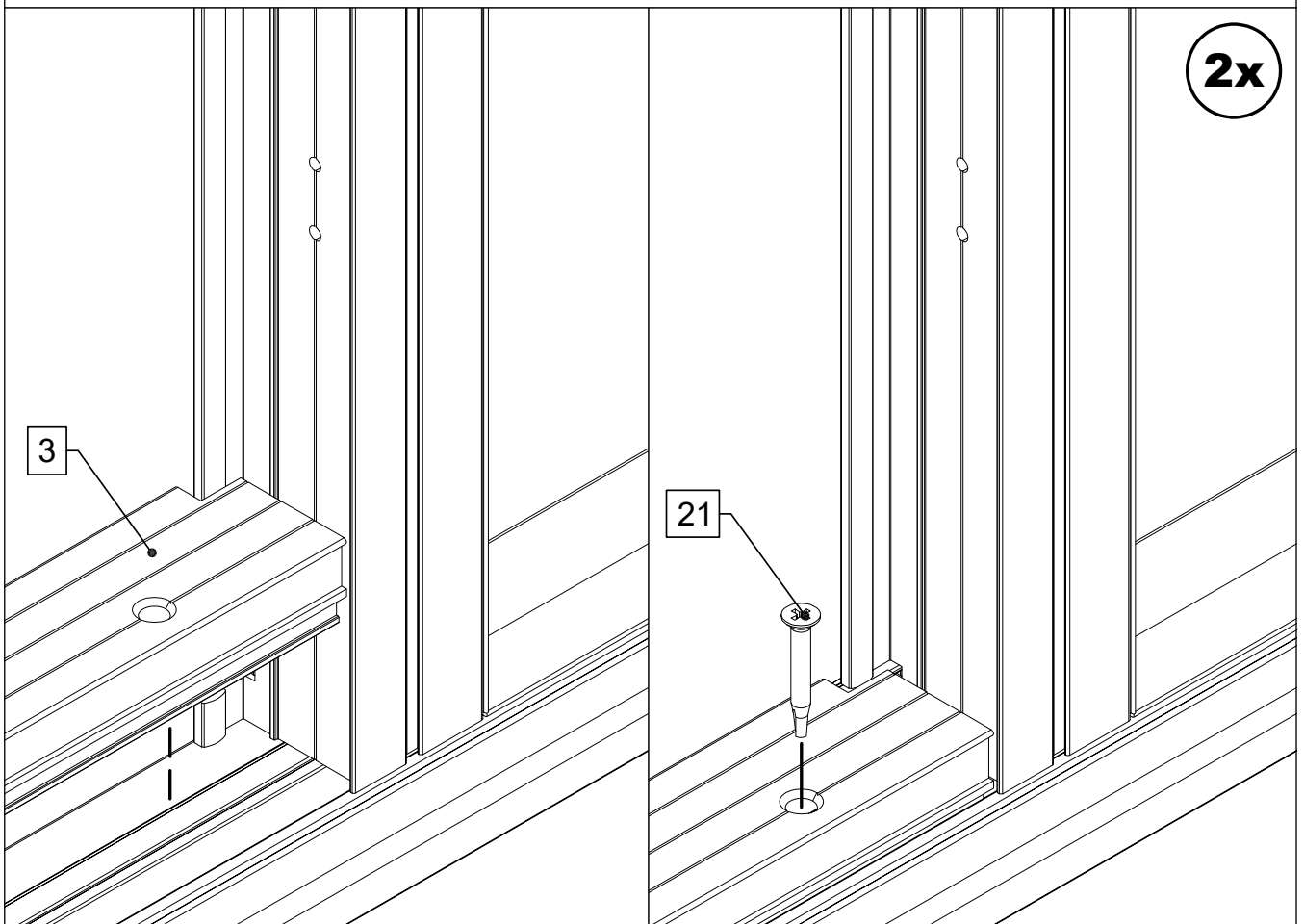
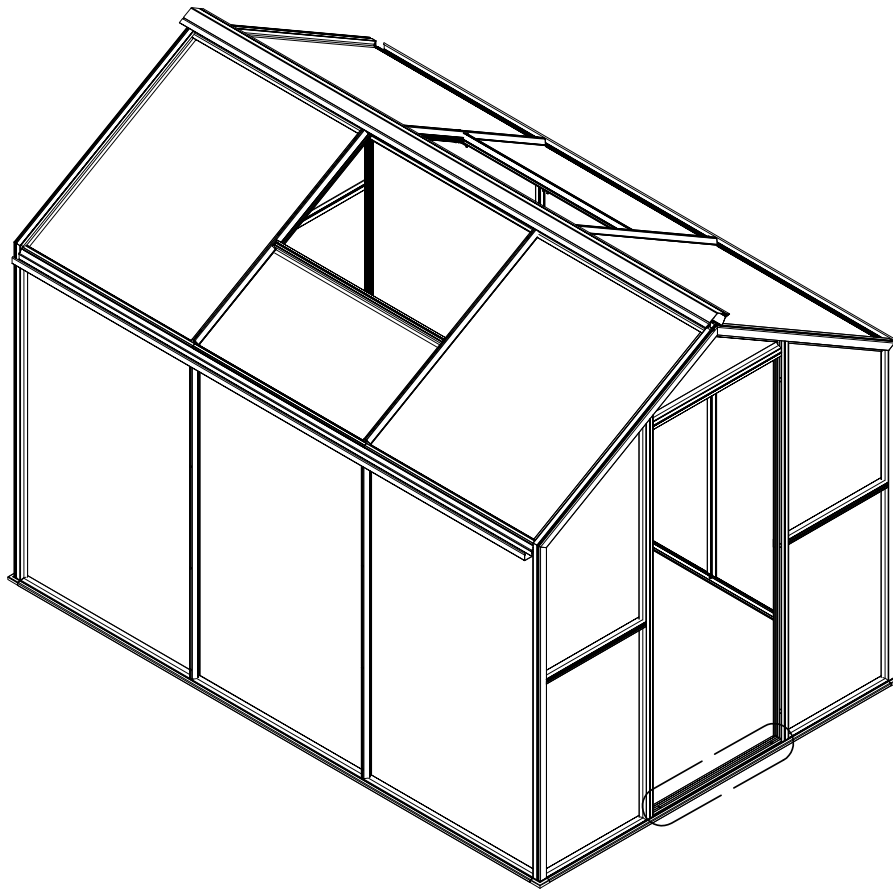
Solara/Eclipse

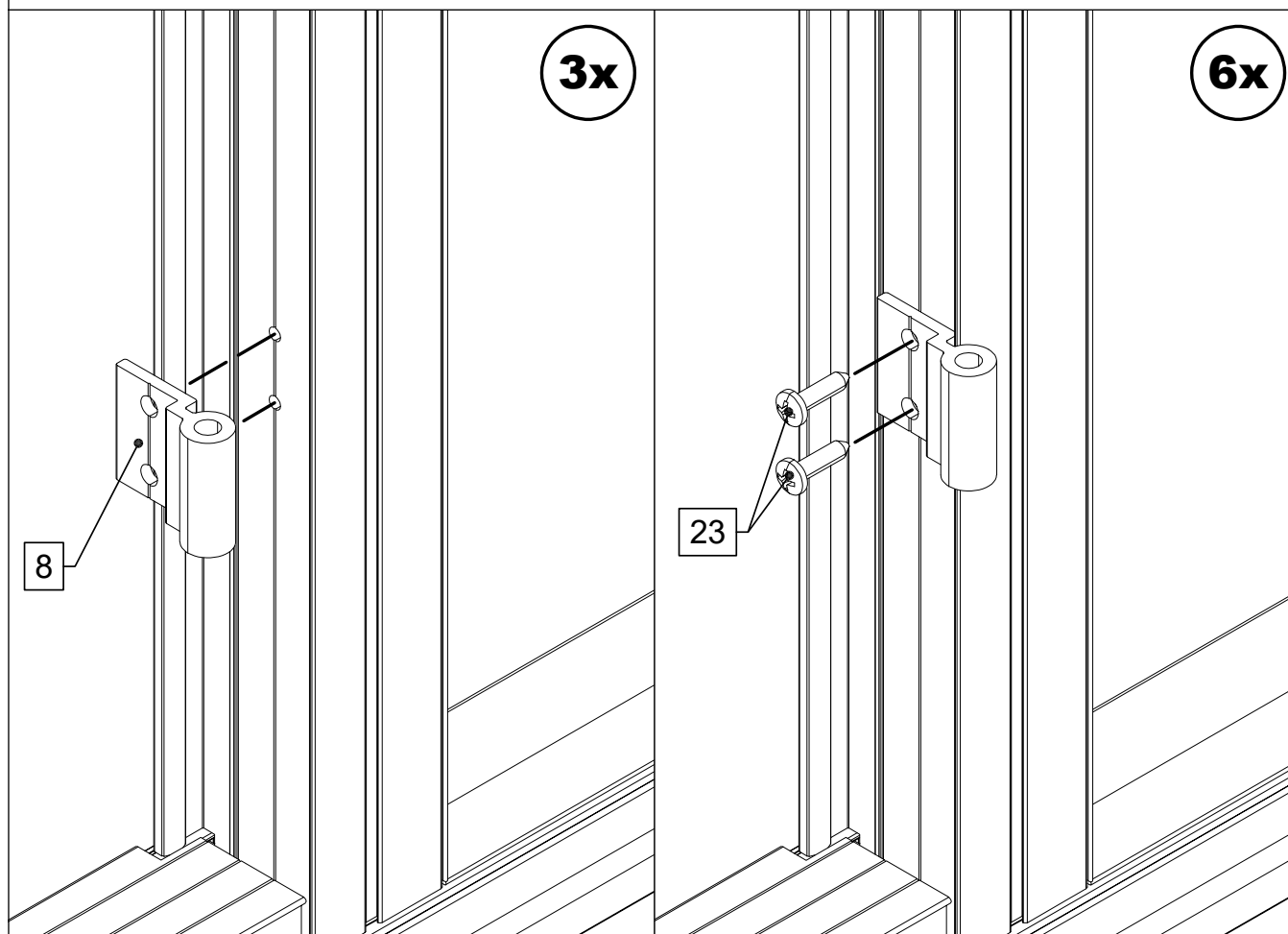
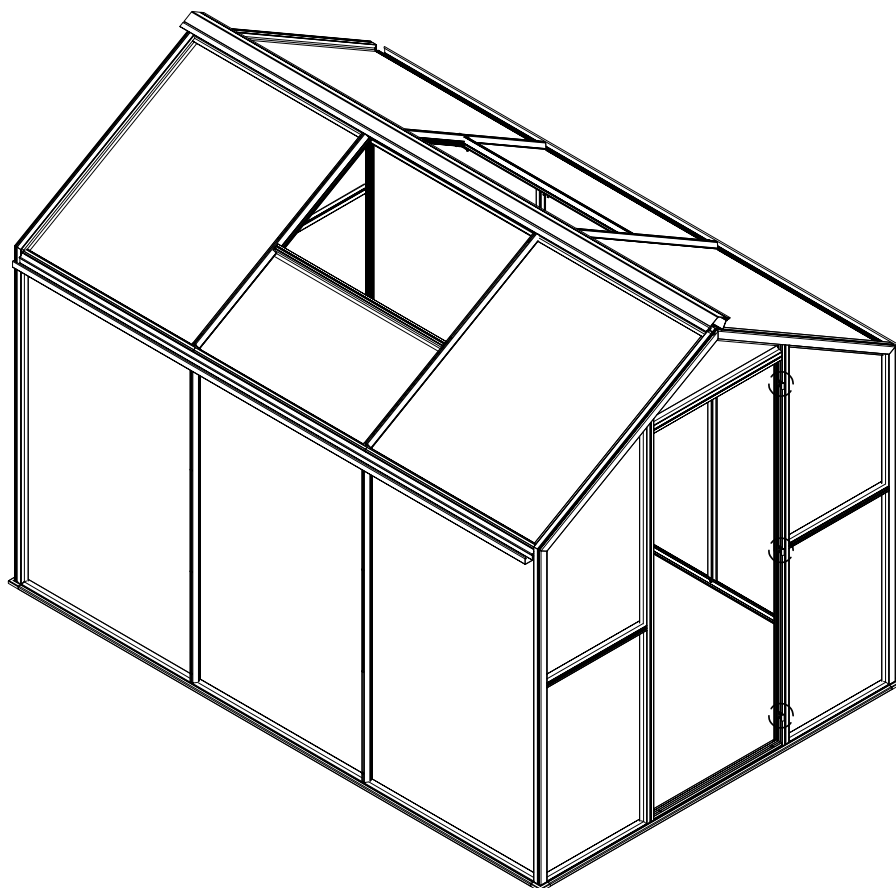
No.	Diagram	Part No.	Description	Number	Comment
13		9999000617	Wooden glazing block 80 x 20 x 2mm	8	
14		9999000588	Lock Box 25mm	1	
15		9999000587	Denver Handle Set	1	
16		9999000522	Profile Cylinder	1	
17		9999000442	Countersunk Screw M5 x 16	1	DIN 965
18		9999000447	Hex Nut M5	1	DIN 934
19		9999000204	Countersunk Screw 4.2 x 13	2	DIN 7982
20		9999000145	Lens Head Screw 4.2 x 16	4	DIN 7981
21		9999001758	Drilling screw with countersunk head 4.2 x 32	2	DIN 7504
22		9999000189	Drilling screw with lens head 3.5 x 13	2	DIN 7504
23		9999000144	Lens Head Screw 4.2 x 13	18	DIN 7981
24		9999000941	Drilling screw with lens head 3.5 x 9.5	1	DIN 7504

DOOR PARTS LIST

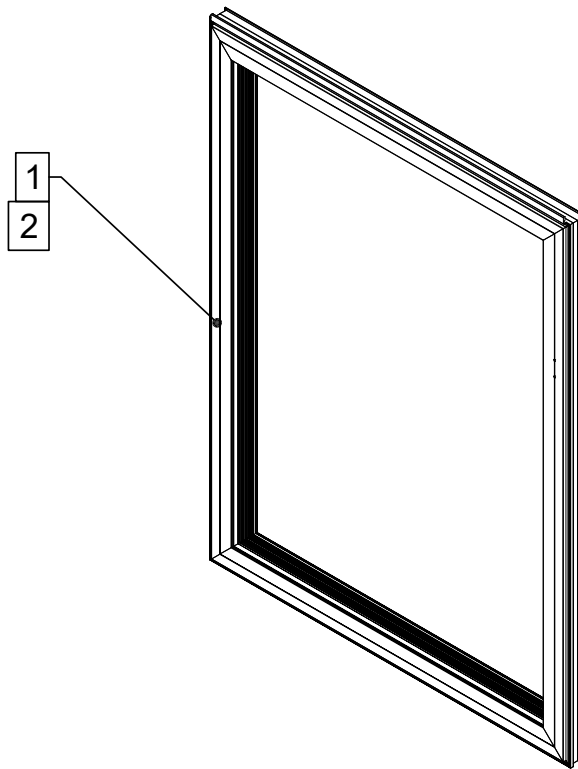
Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
25		9999000520	Bolt Ø6 x 90	3	
26		9999000190	Upper Profile Seal	6,5 lfdm. 7,3 lfdm.	Solara Eclipse
27		9999000488	Wedge seal 4-6mm only at 4mm compare	6,2 lfdm. 7,0 lfdm.	Solara Eclipse
28		9999000121	Wedge seal 8-10mm only at 10mm compare	6,2 lfdm. 7,0 lfdm.	Solara Eclipse
29		9999000376	Rung Seal 2mm	6,5 lfdm. 7,3 lfdm.	Solara Eclipse
30			Glazing 852 x 627mm 852 x 827mm	2 2	Solara Eclipse
31					
32					
33					
34					
35					
36					





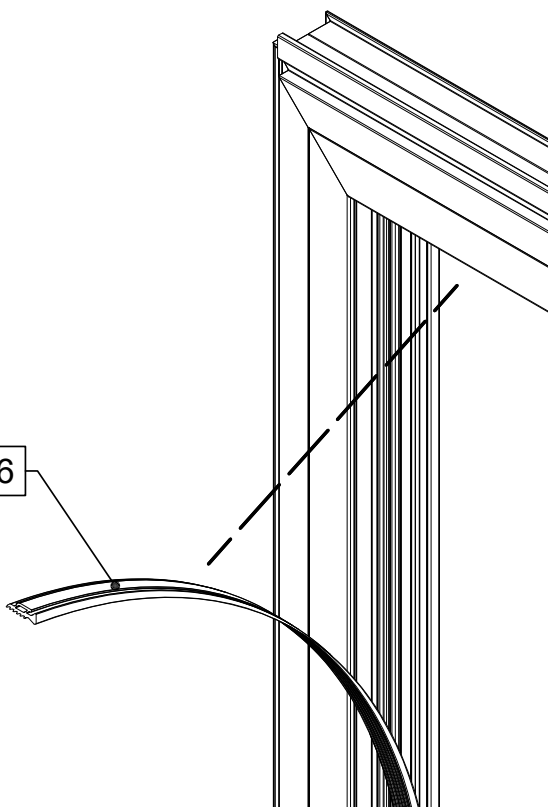
2x

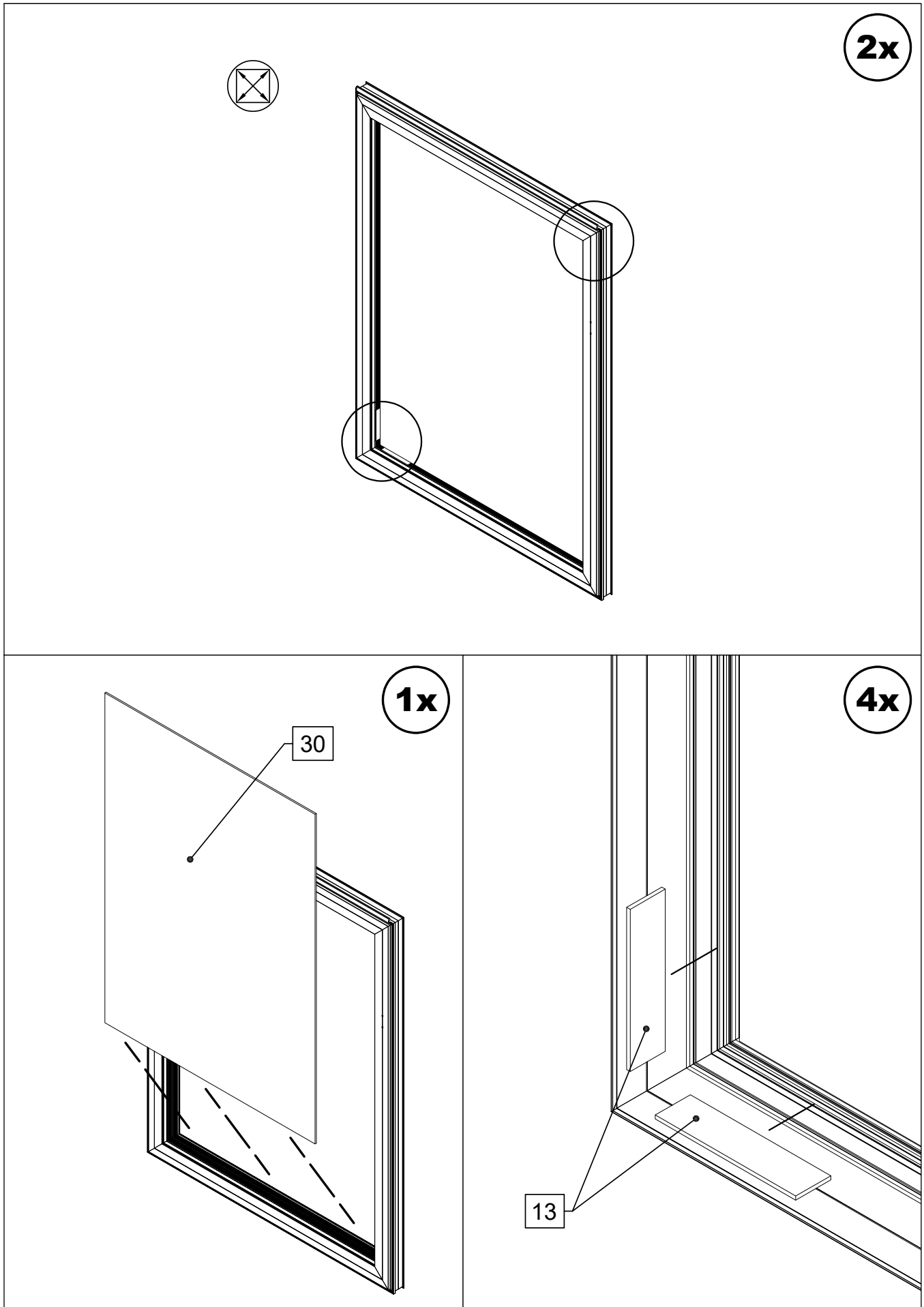


8x

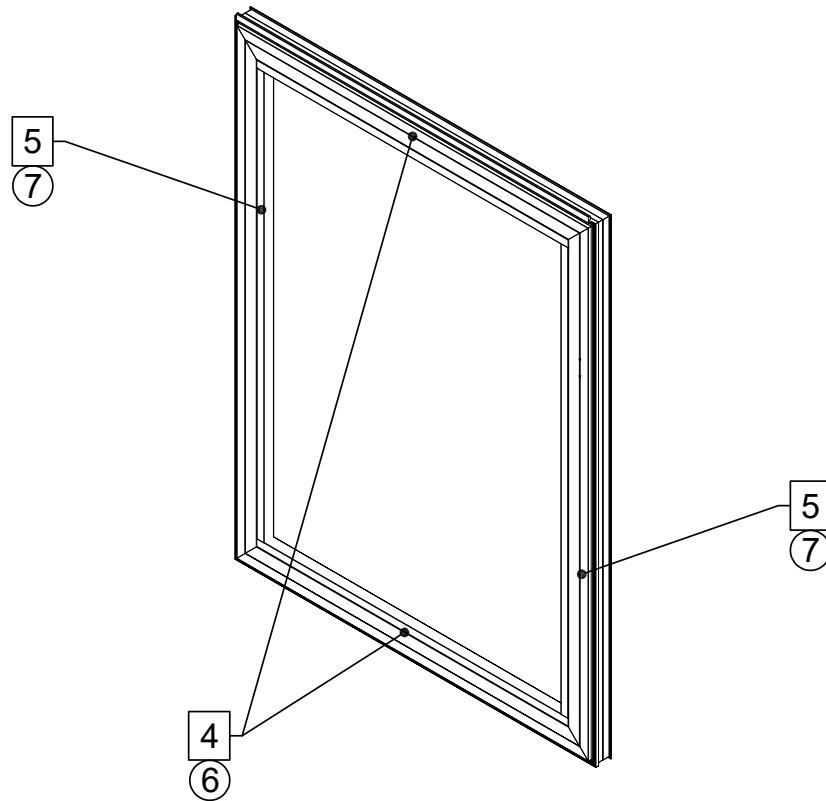


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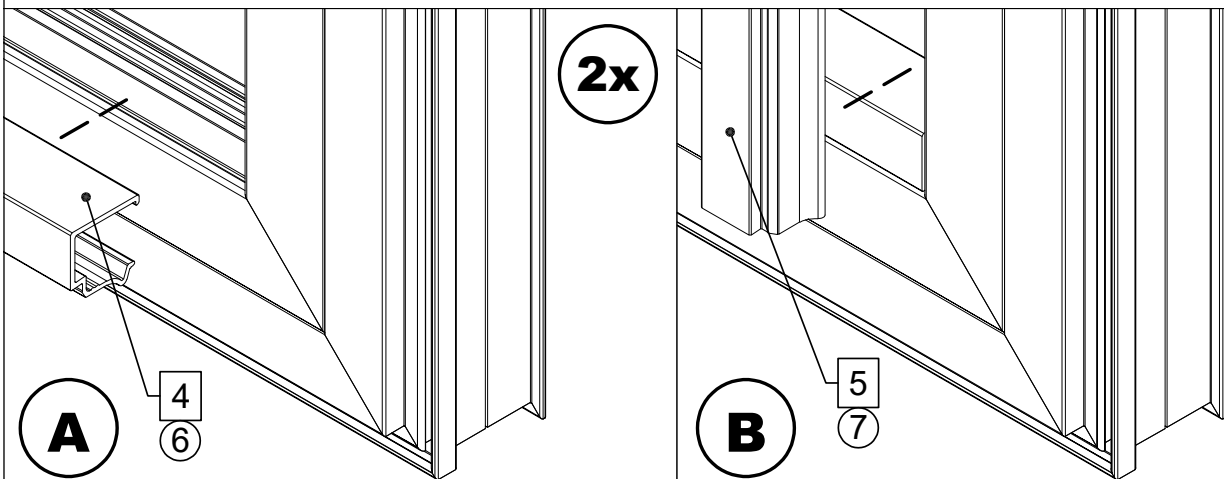


2x



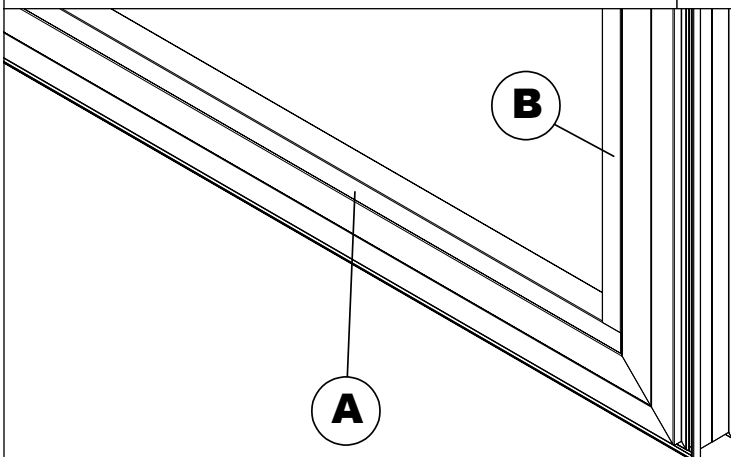
2x

2x



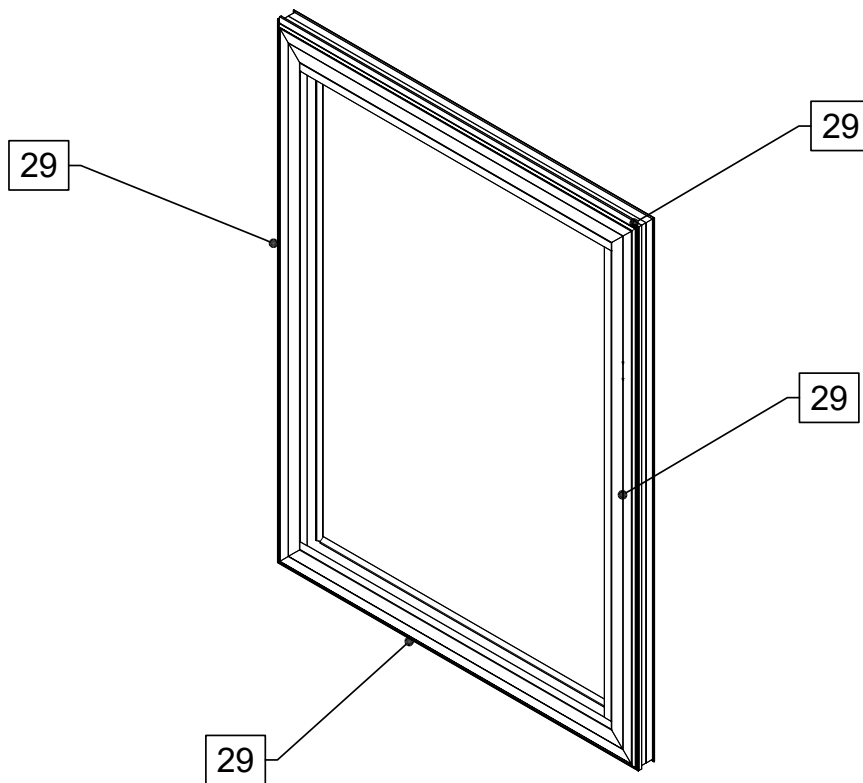
B

A





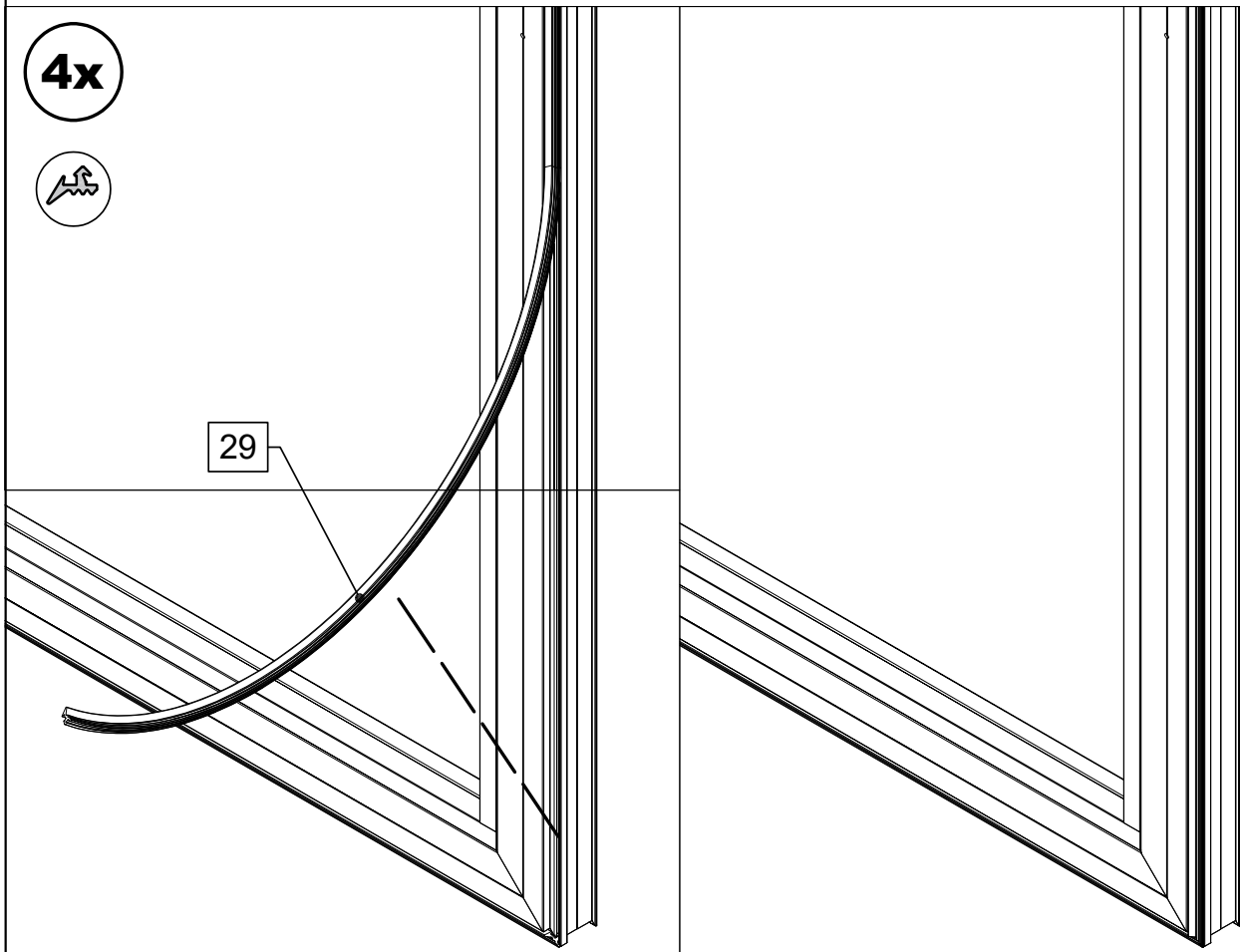
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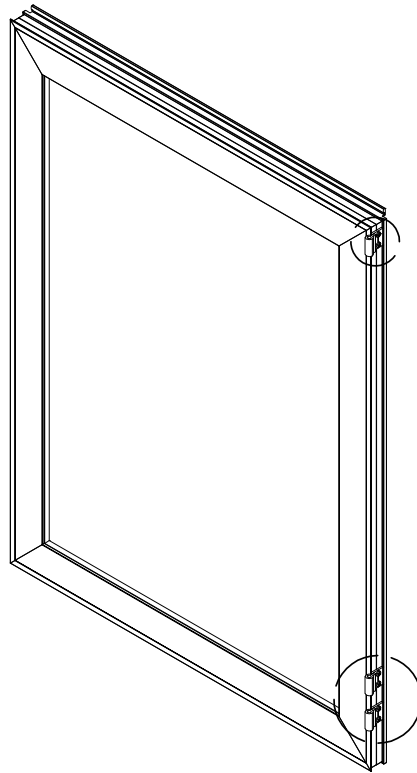
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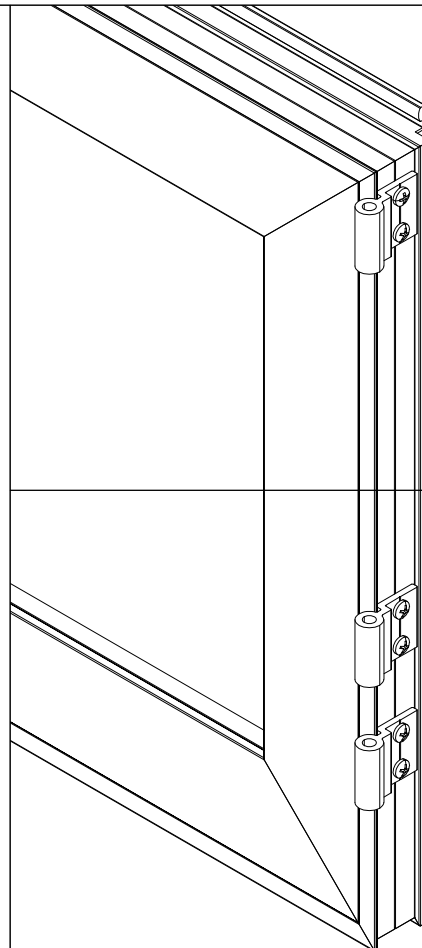
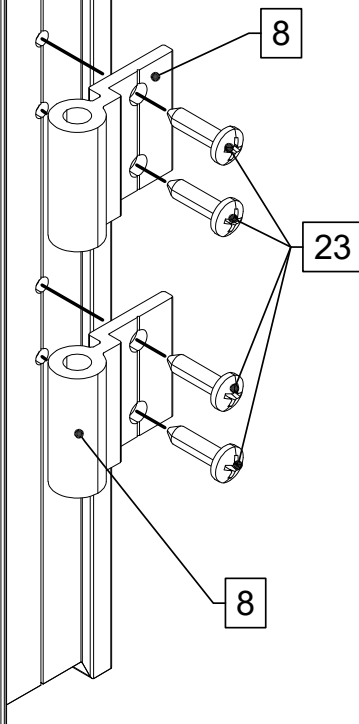
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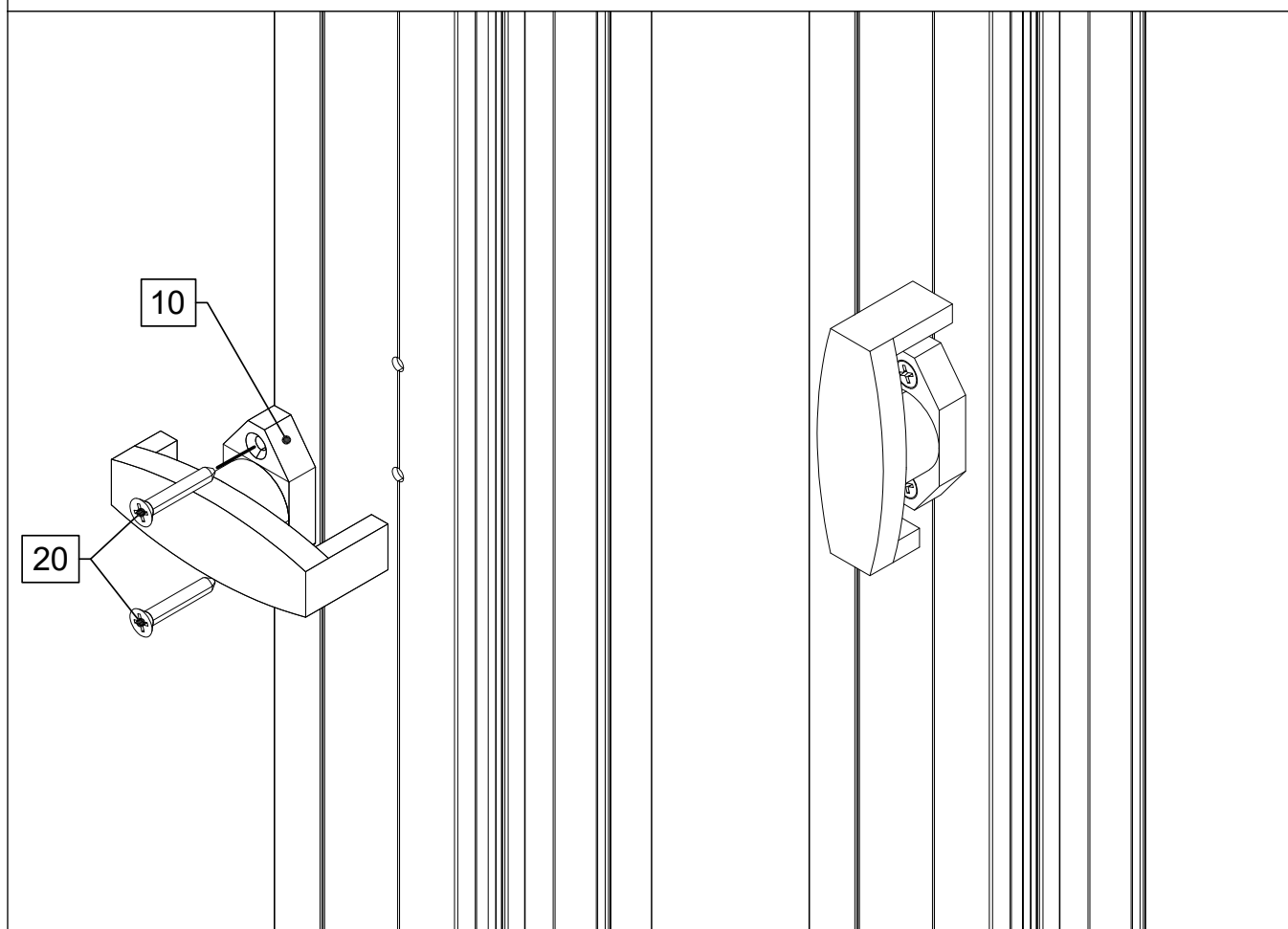
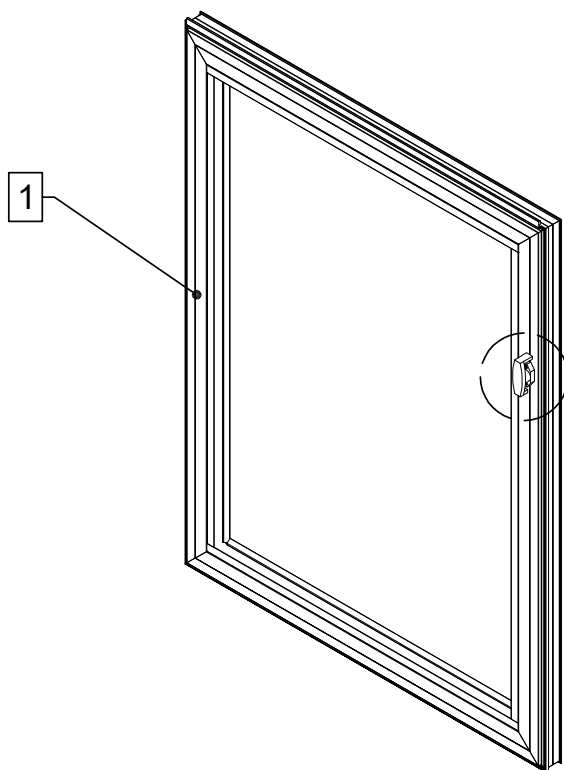


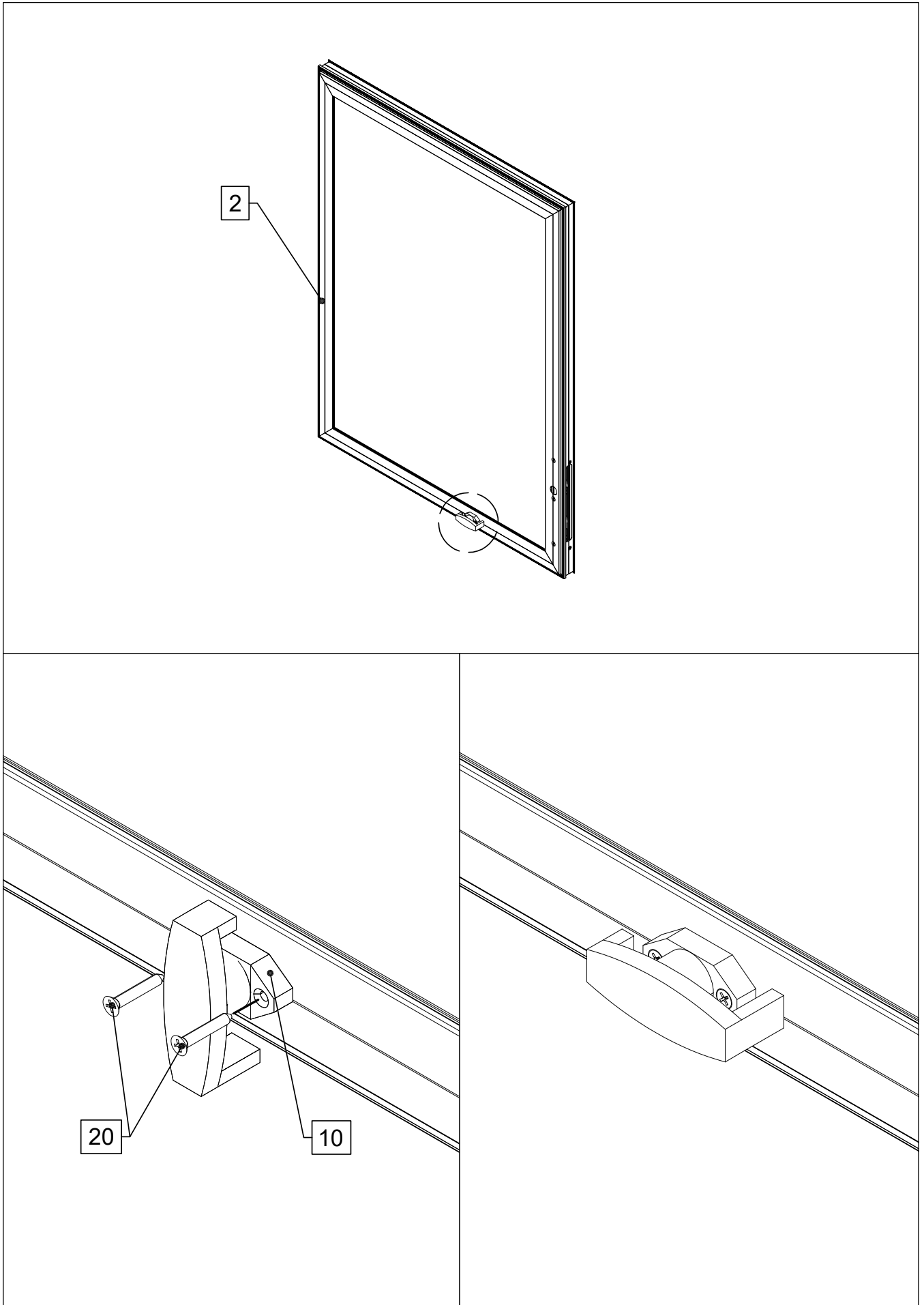
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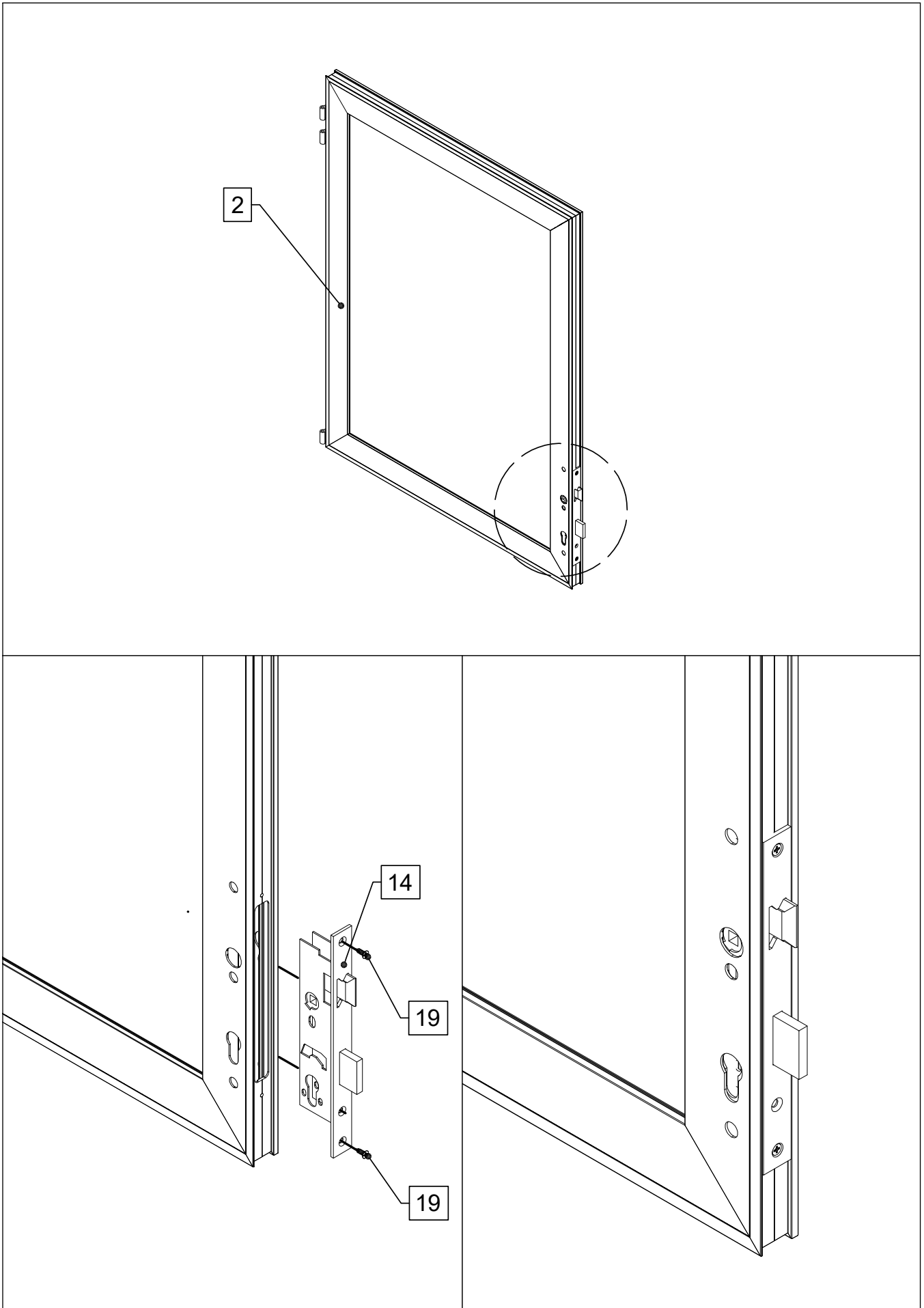


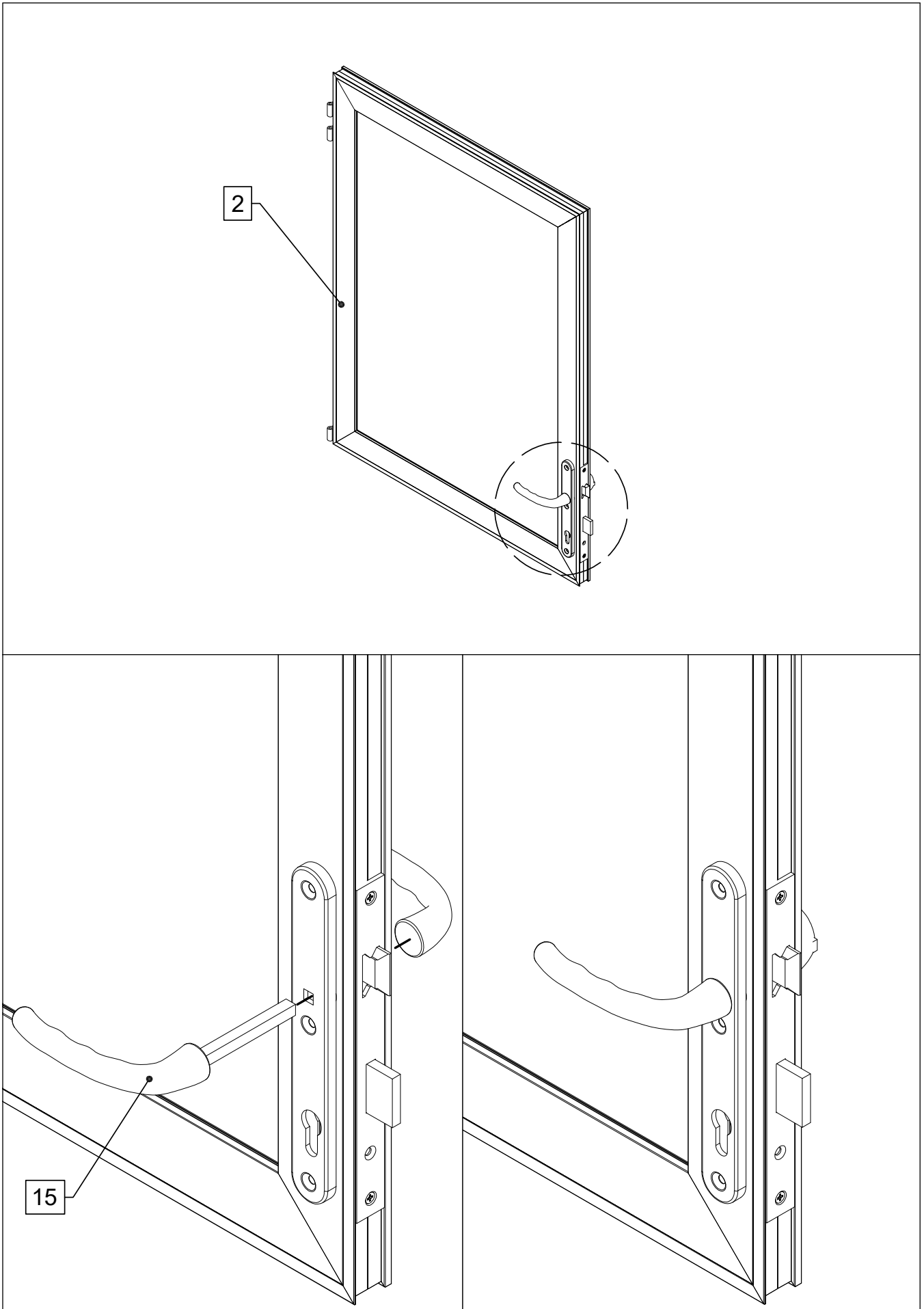
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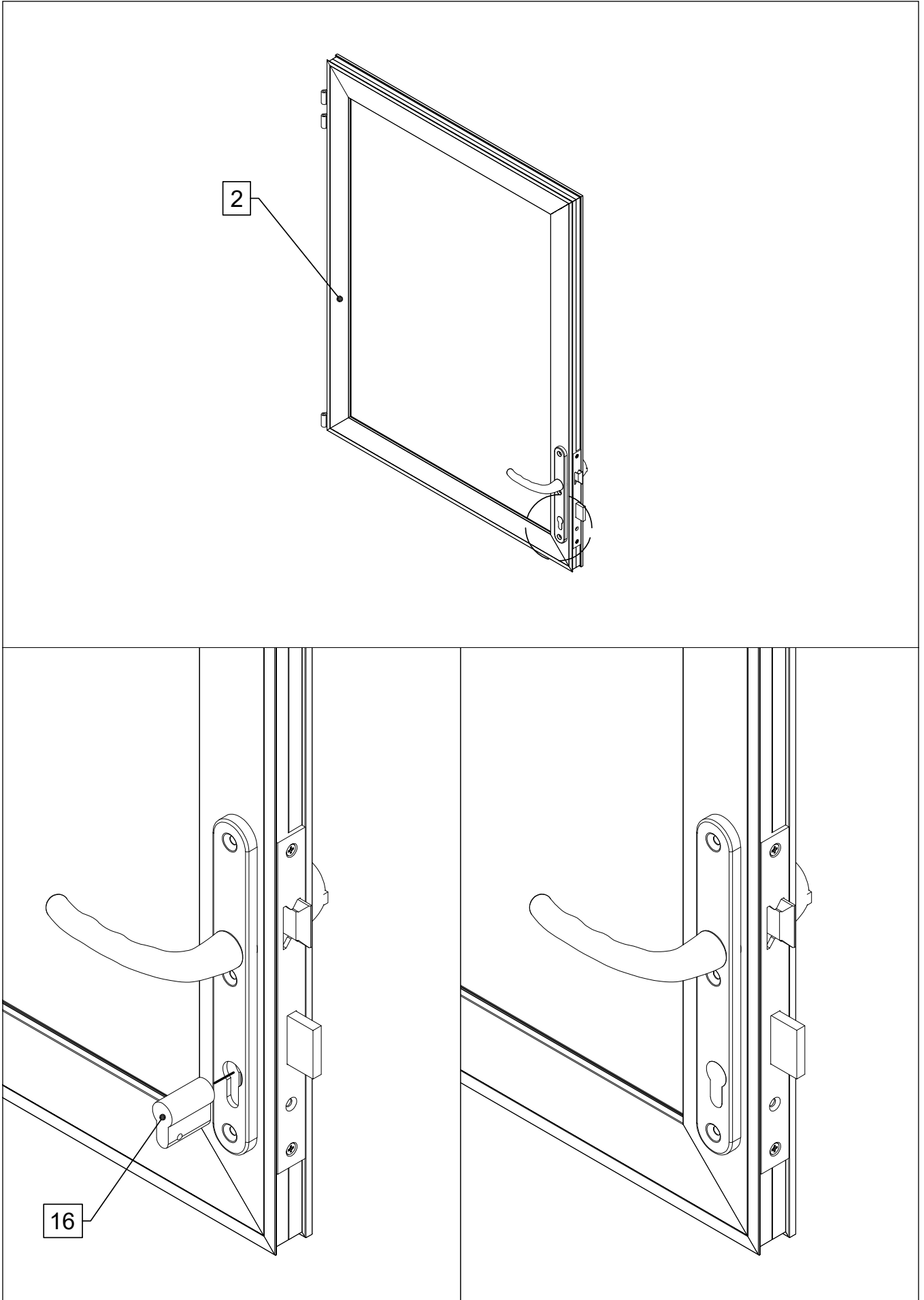


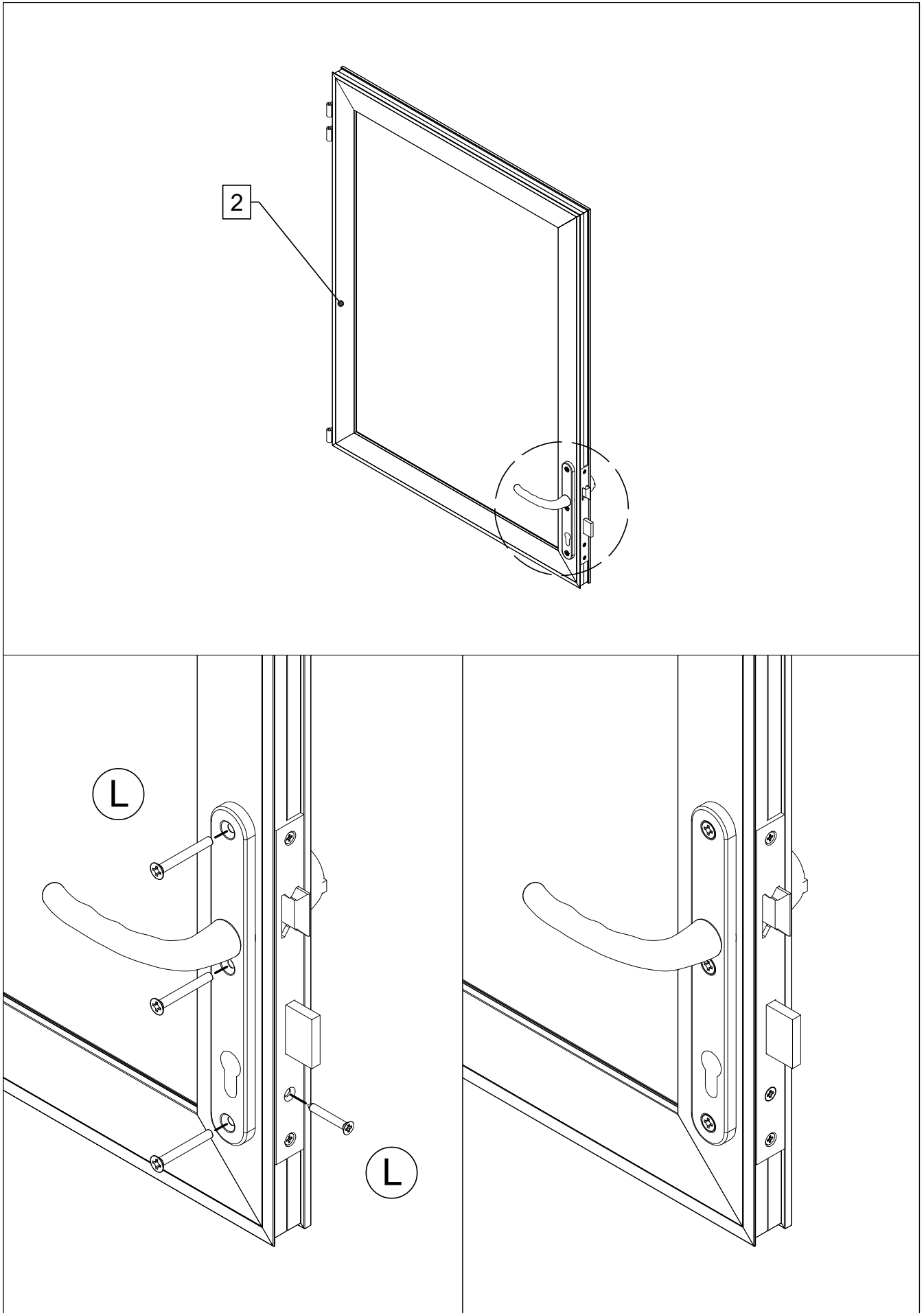


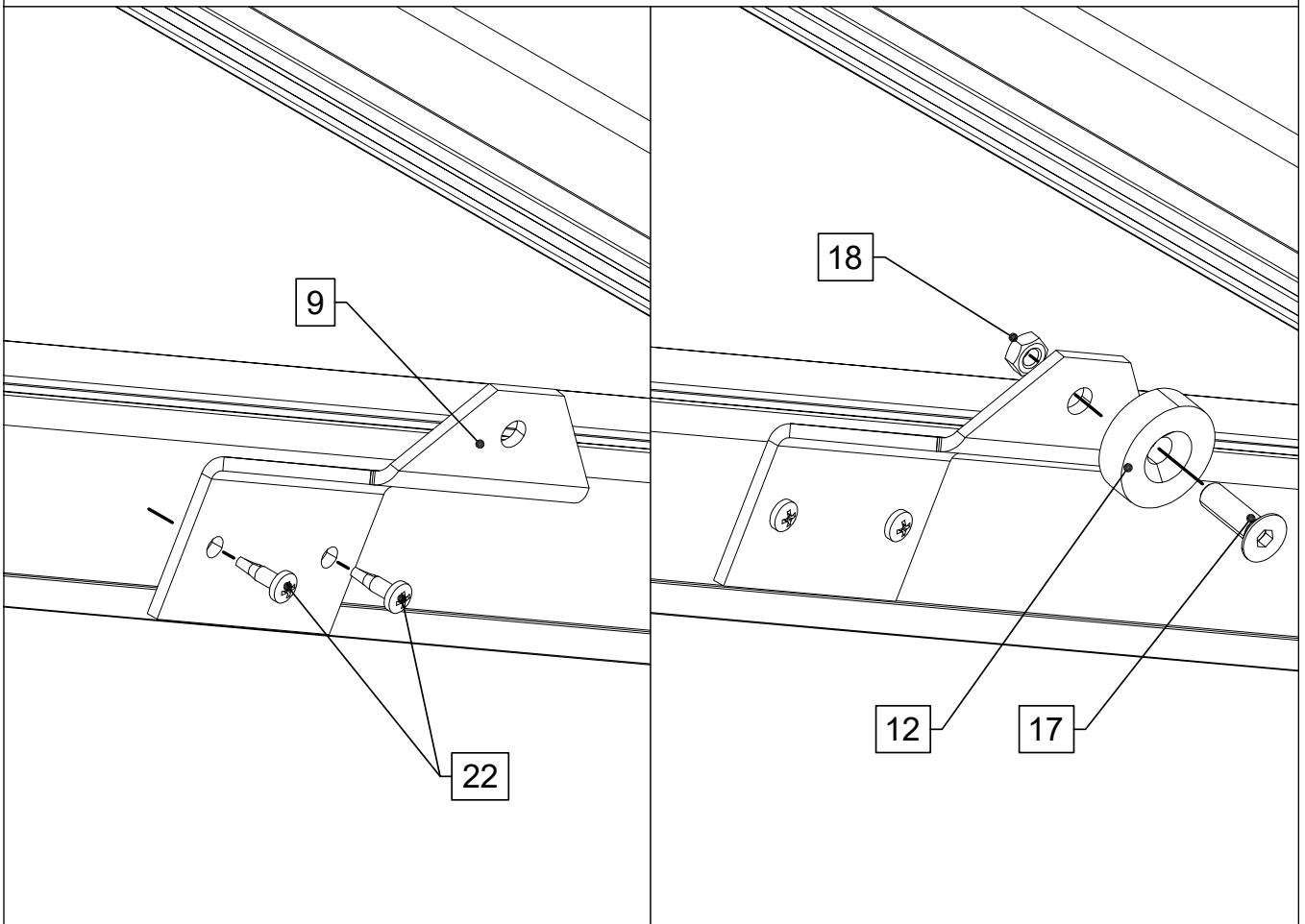
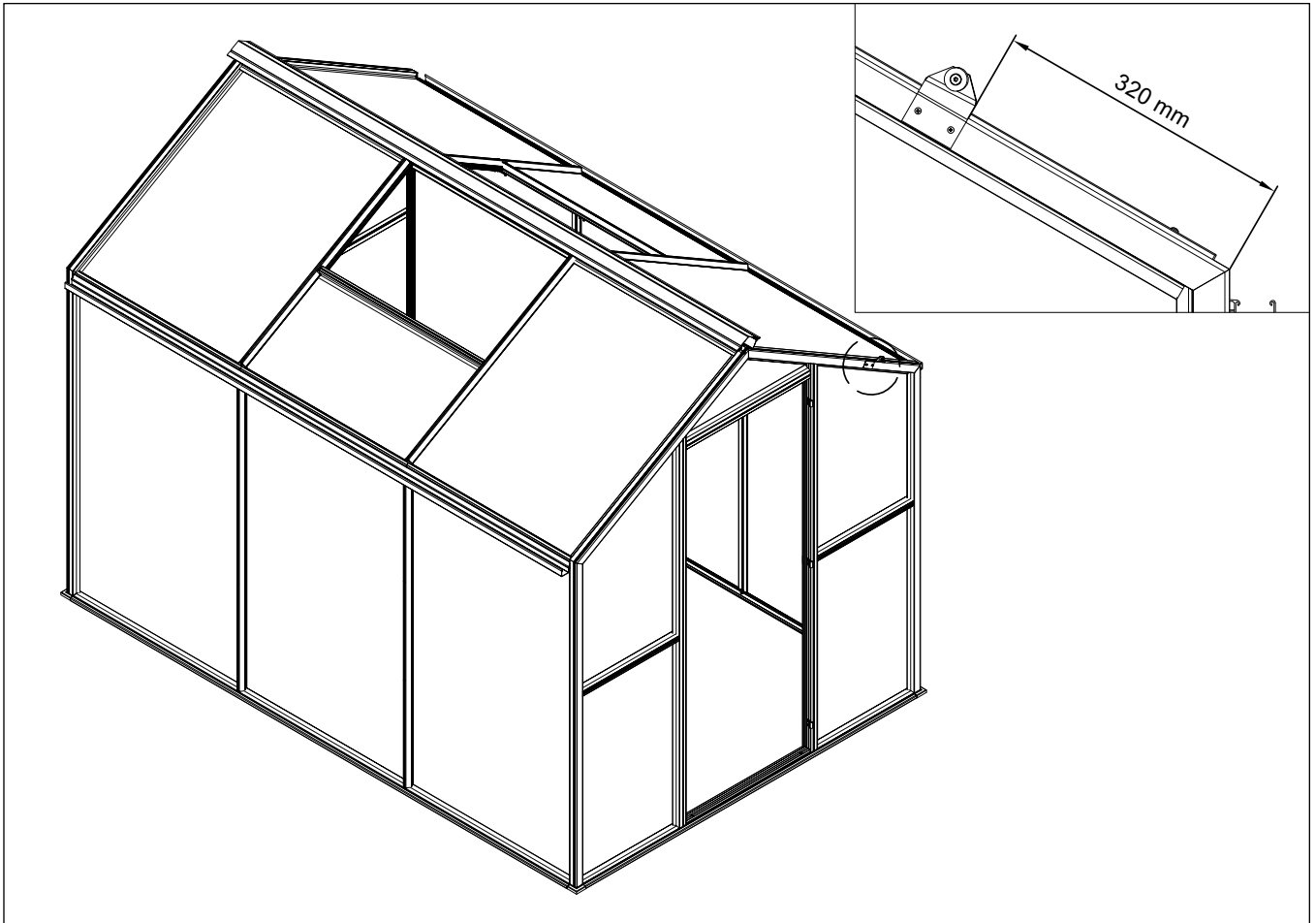


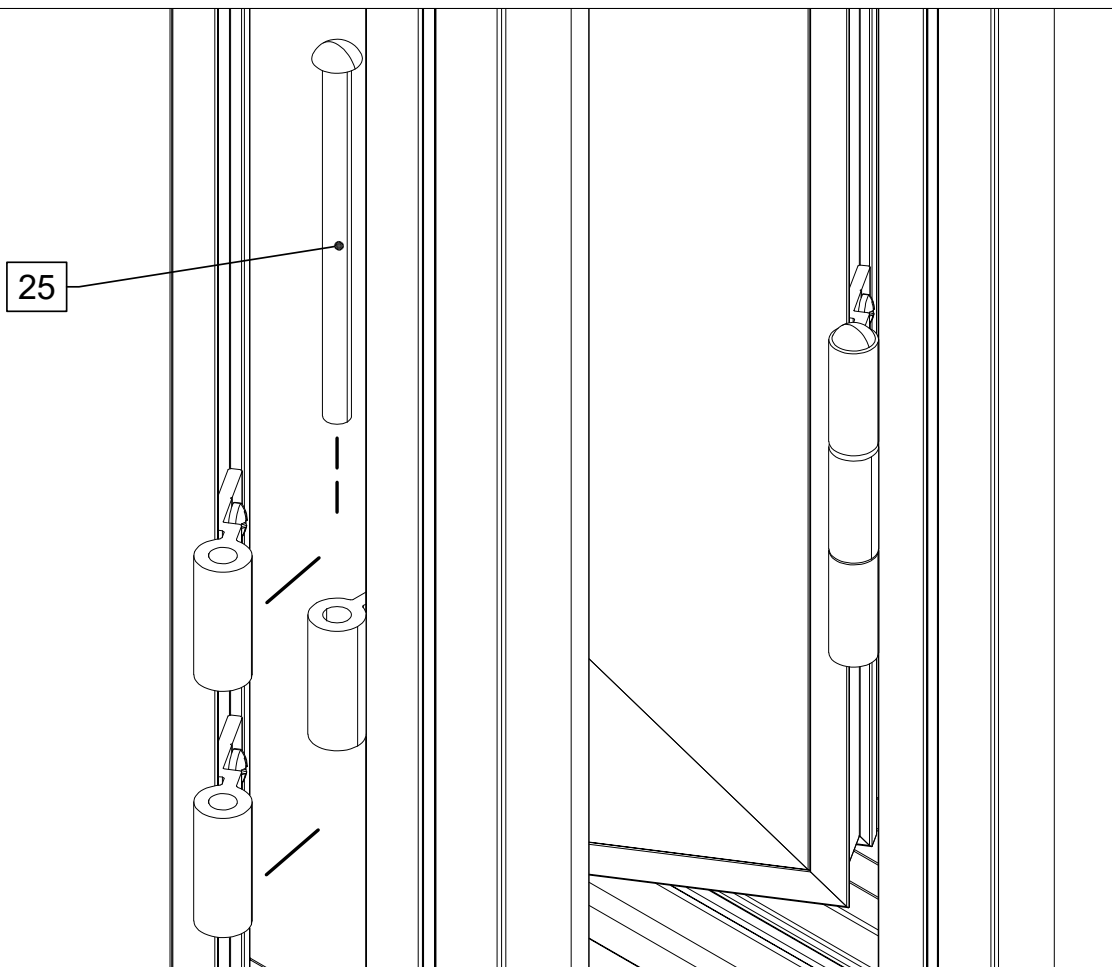
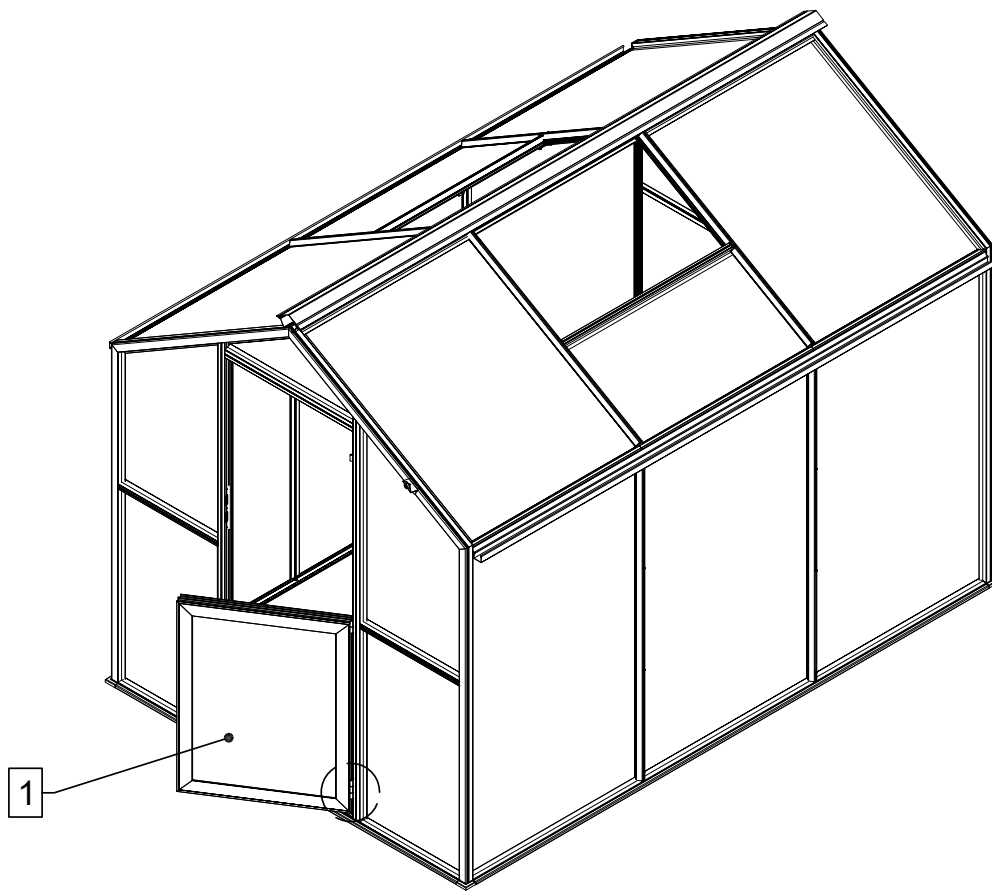


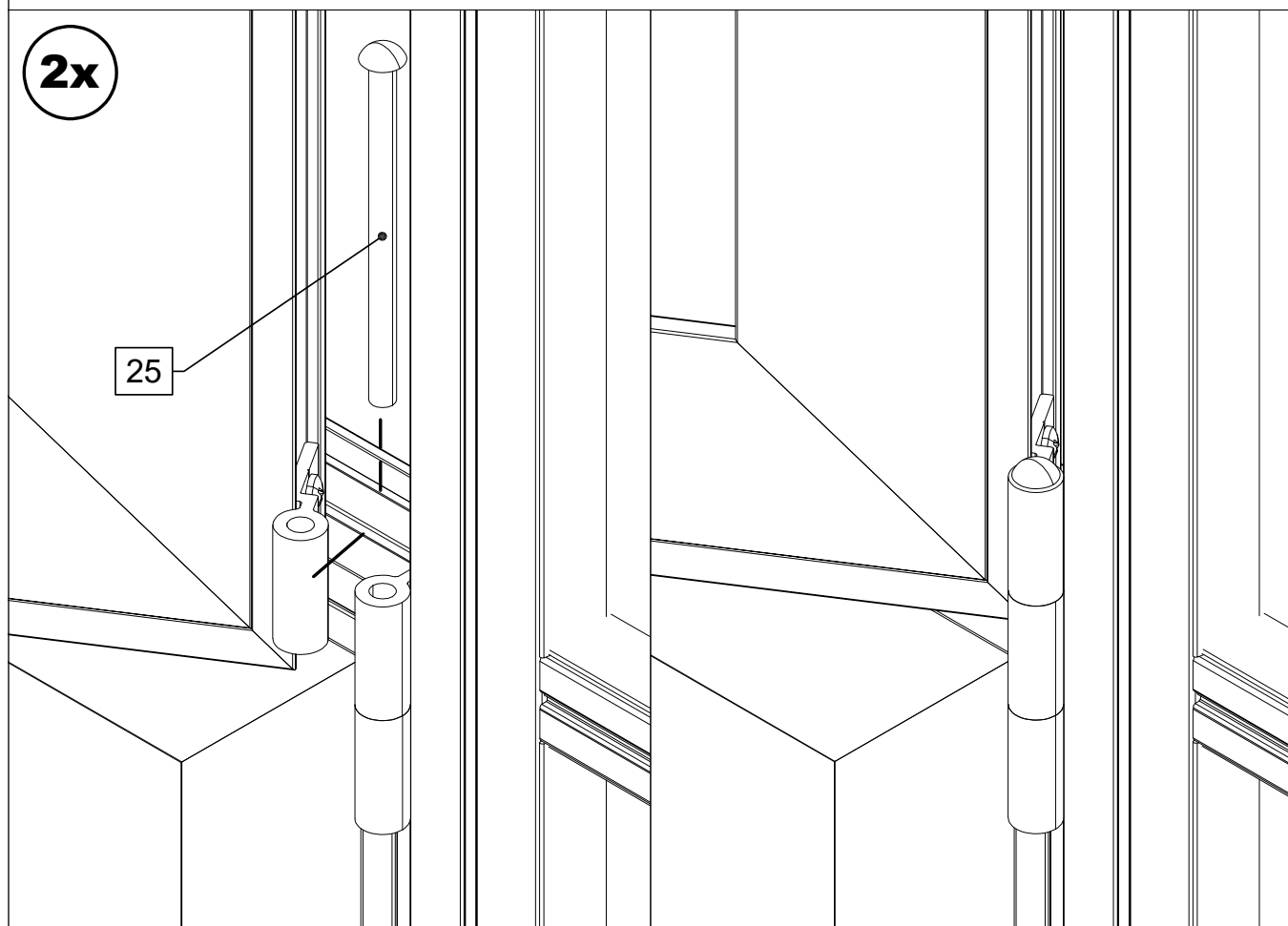
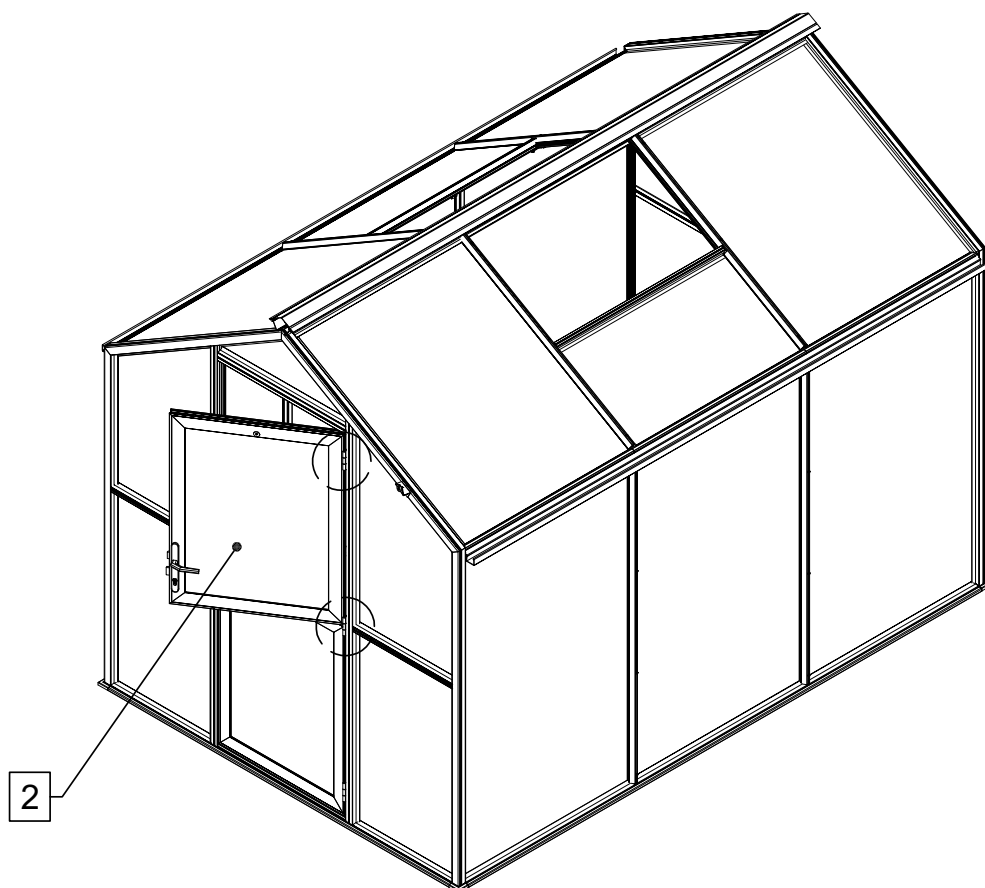




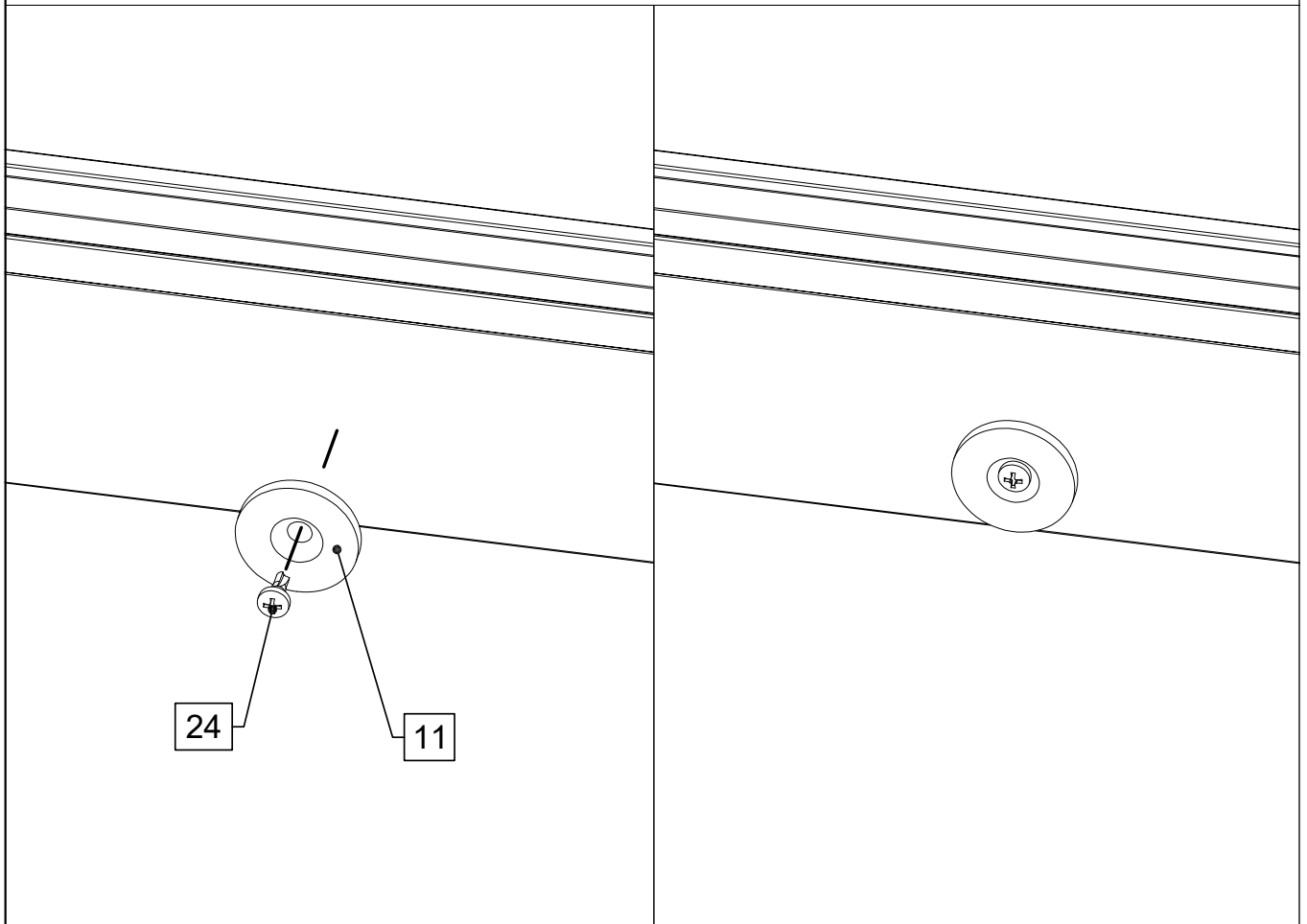
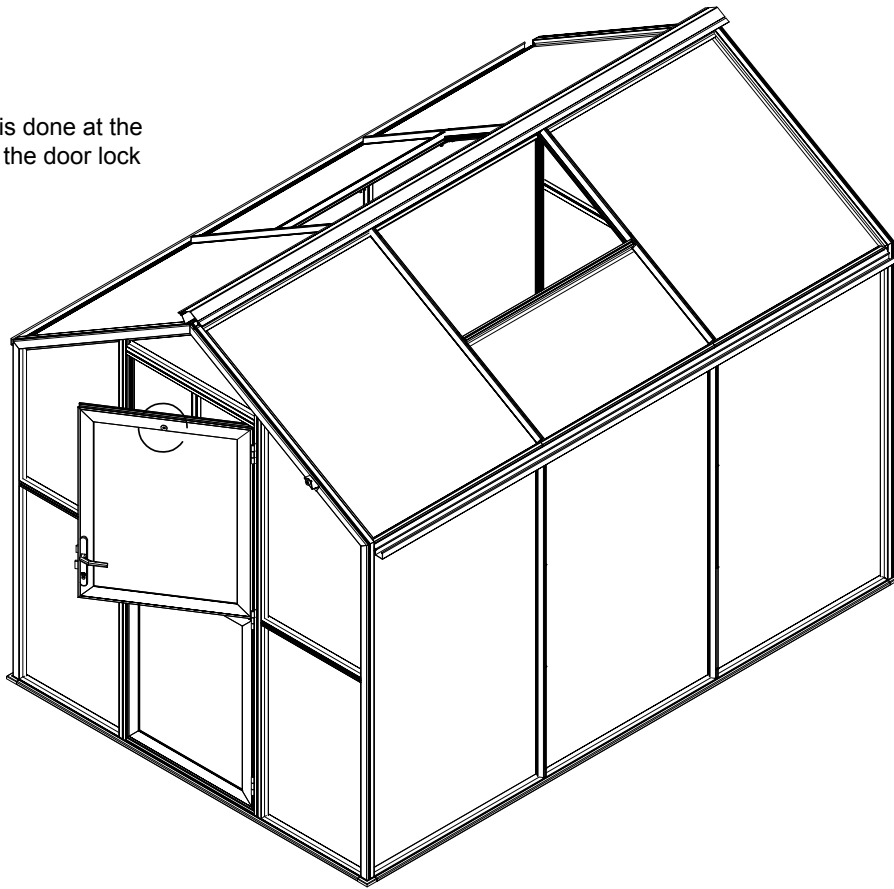






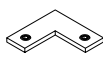
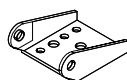


Alignment is done at the
position of the door lock



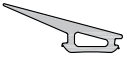
ROOF WINDOWS PARTS LIST

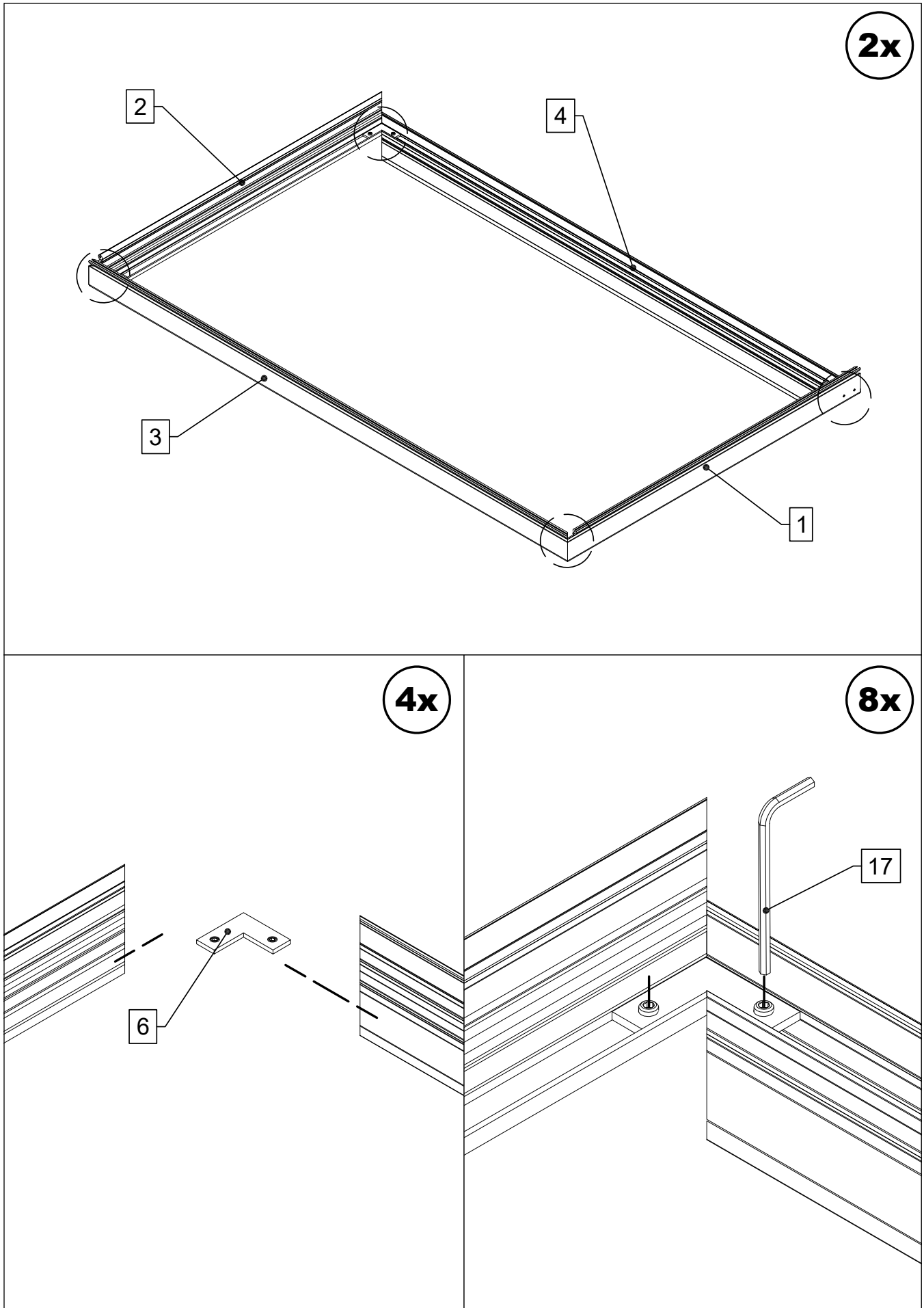
Solara/Eclipse

No.	Diagram	Part No.	Description	Number	Comment
1		P022-01-01-00-00-1	Hinge Wing (left)	Typ 2: 1 Typ 3: 2 Typ 4: 2	623 mm
2		P022-02-01-00-00-1	Hinge Wing (right)	Typ 2: 1 Typ 3: 2 Typ 4: 2	623 mm
3		P022-03-01-00-00-1	Hinge Wing (top)	Typ 2: 1 Typ 3: 2 Typ 4: 2	1018 mm
4		P023-01-01-00-00-1	Ventilation Edge (bottom)	Typ 2: 1 Typ 3: 2 Typ 4: 2	1018 mm
5		P091-04-01-00-04-1	U-graduation 10mm	Typ 2: 1 Typ 3: 2 Typ 4: 2	1000 mm
6		9999000088	Connecting bracket 40 x 40 x 4mm (with grub screw)	Typ 2: 4 Typ 3: 8 Typ 4: 8	
7		9999000527	Closing panel (left)	Typ 2: 1 Typ 3: 2 Typ 4: 2	
8		9999001578	Closing panel (right)	Typ 2: 1 Typ 3: 2 Typ 4: 2	
9		25505700	Automatic Window Lifter	Typ 2: 1 Typ 3: 2 Typ 4: 2	
10		25505700	Automatic Window Lifter	Typ 2: 1 Typ 3: 2 Typ 4: 2	
11		Z005-19-02-00-00-1	Spacer Roller ø9 x 15mm	Typ 2: 2 Typ 3: 4 Typ 4: 4	
12		9999000524	Knurled Handle Screw M5 x 10mm	Typ 2: 2 Typ 3: 4 Typ 4: 4	

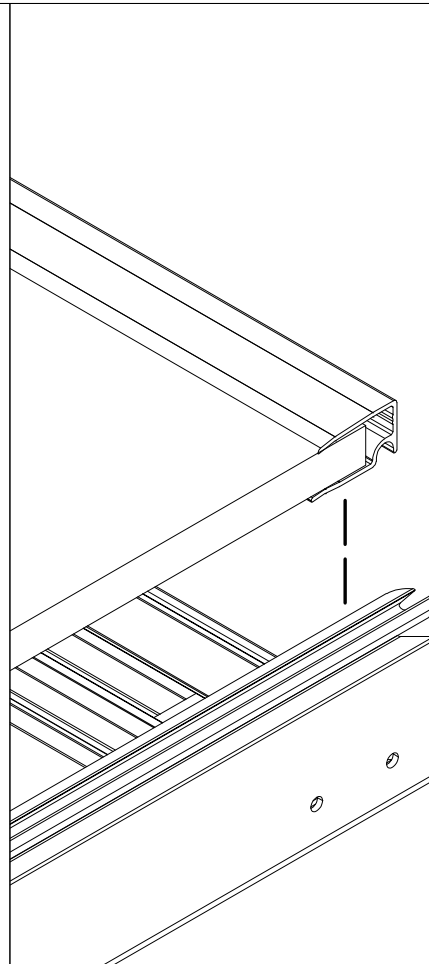
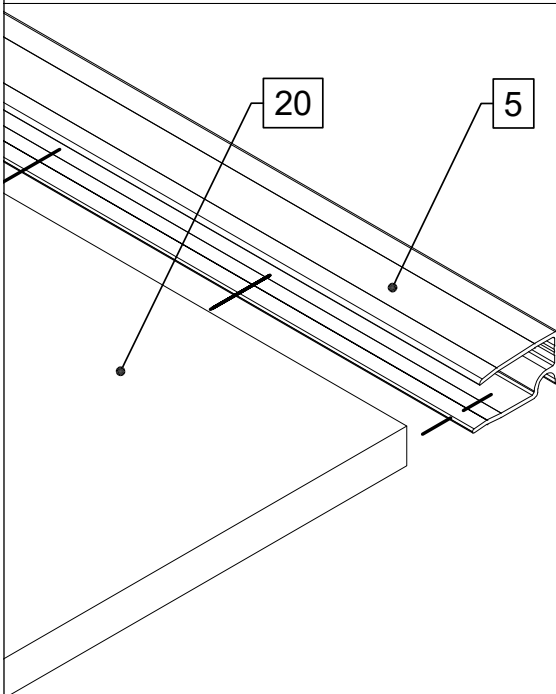
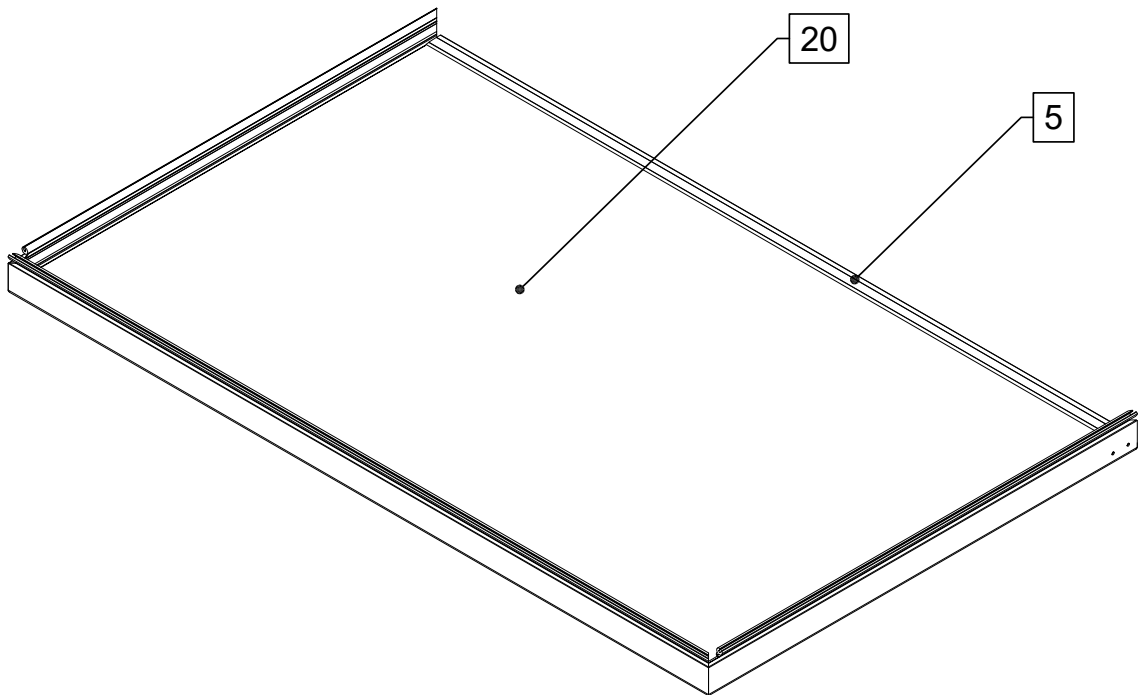
ROOF WINDOWS PARTS LIST

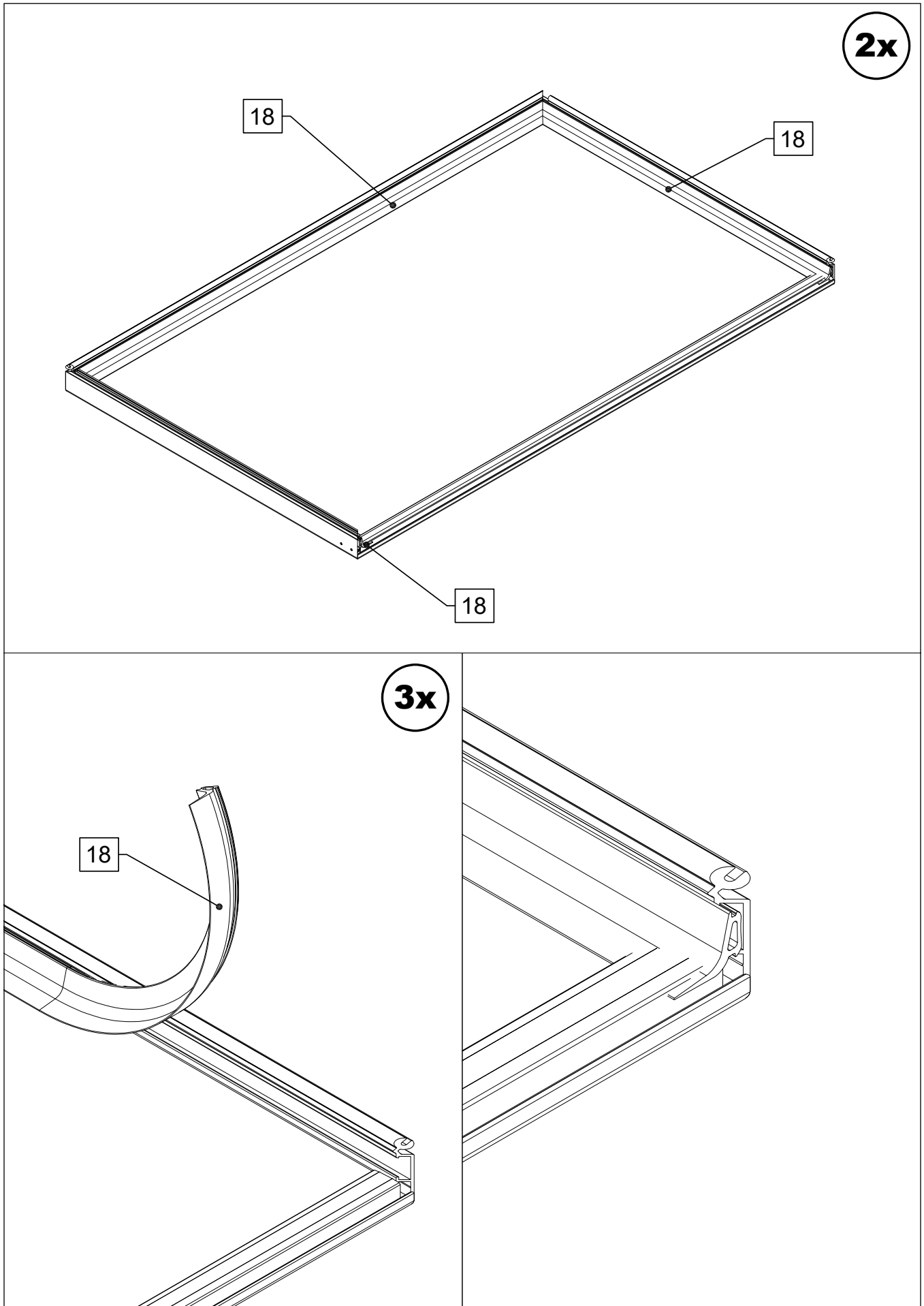
Solara/Eclipse

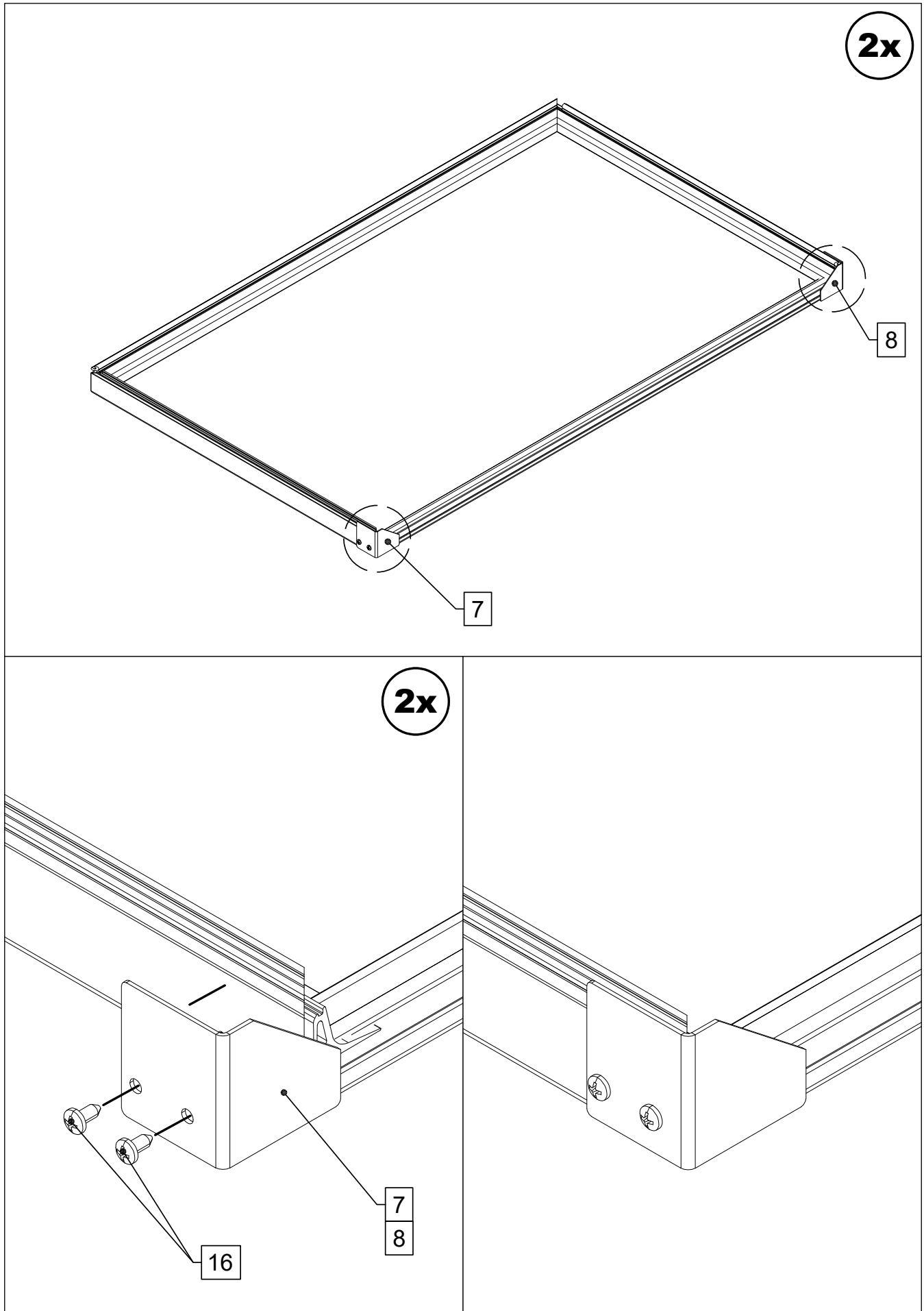
No.	Diagram	Part No.	Description	Number	Comment
13		9999000124	Hex screw M6 x 12	Typ 2: 2 Typ 3: 4 Typ 4: 4	DIN 933
14		9999000128	Hex nut M6	Typ 2: 3 Typ 3: 6 Typ 4: 6	DIN 934
15		9999000447	Hex nut M5	Typ 2: 2 Typ 3: 4 Typ 4: 4	DIN 934
16		9999000205	Pan Head Screw 4.2 x 9.5	Typ 2: 4 Typ 3: 8 Typ 4: 8	DIN 7981
17		9999000056	Hexagon Key SW3	1	DIN 911
18		9999000116	Gasket GHD 4 - 10mm	Typ (Ifdm.) 2: 2,4 3: 4,8 4: 4,8	
19		9999000190	Upper Profile Seal	Typ (Ifdm.) 2: 2,4 3: 4,8 4: 4,8	
20			Glazing 995 x 609mm	Typ 2: 1 Typ 3: 2 Typ 4: 2	
21					
22					
23					
24					

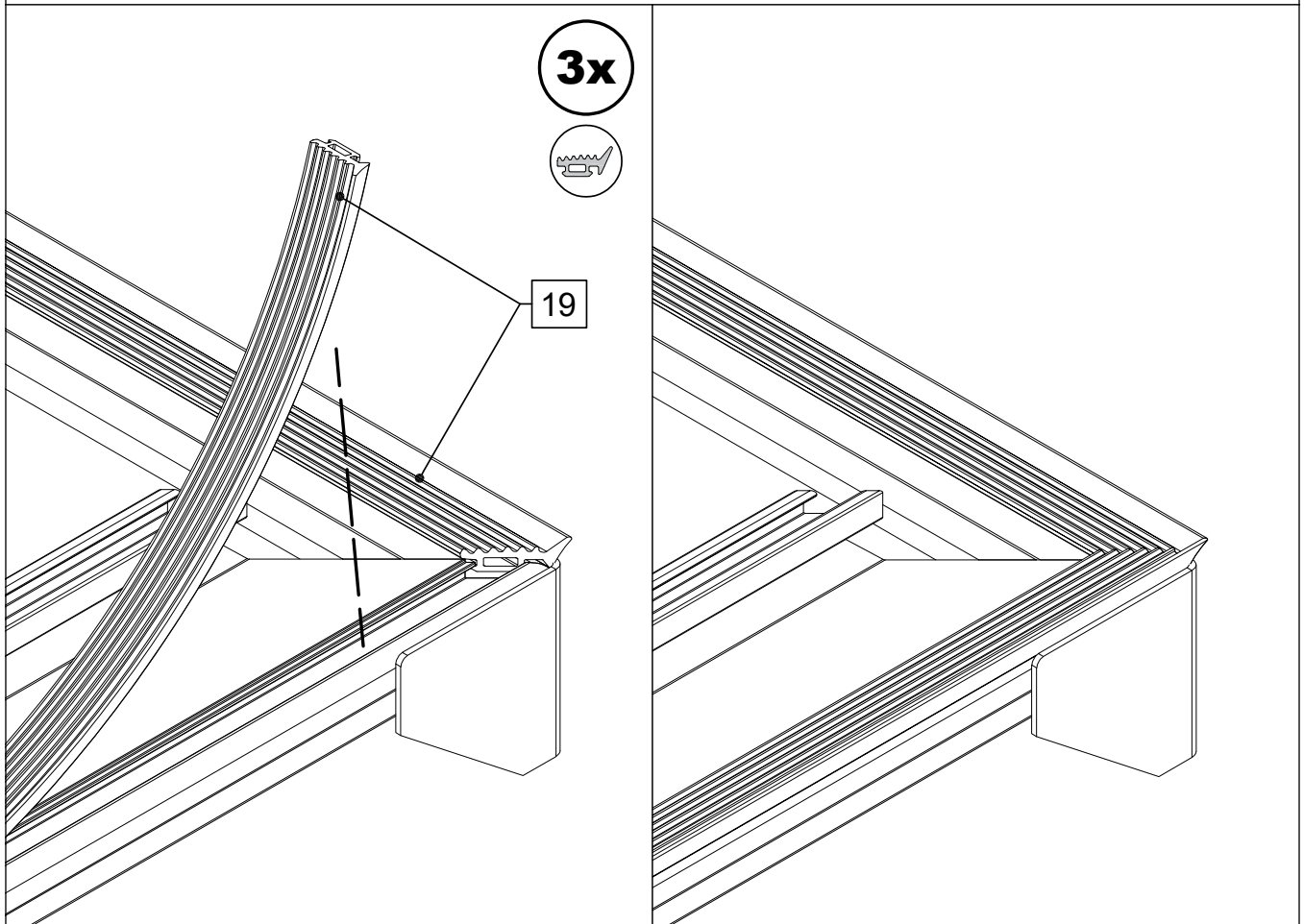
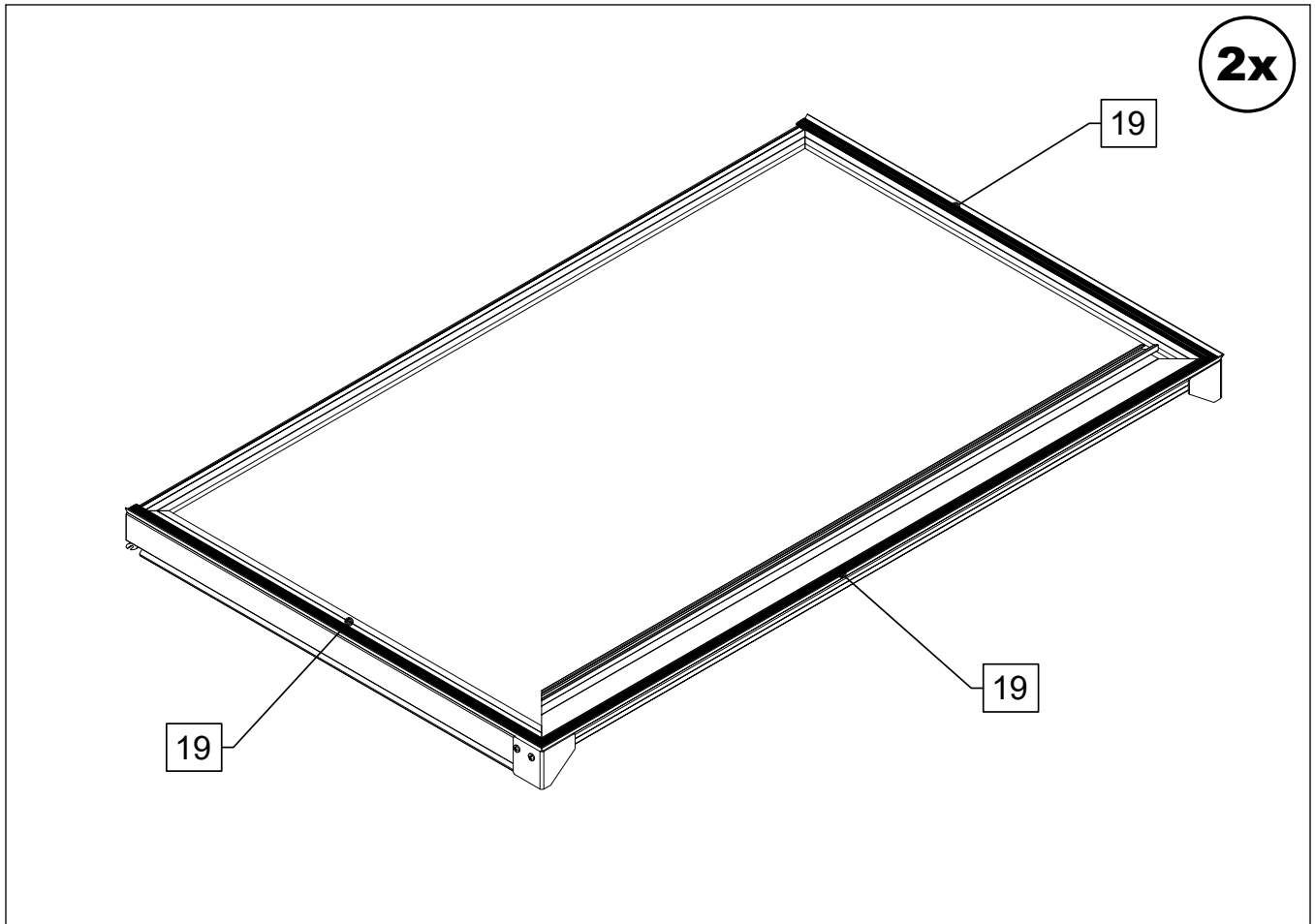


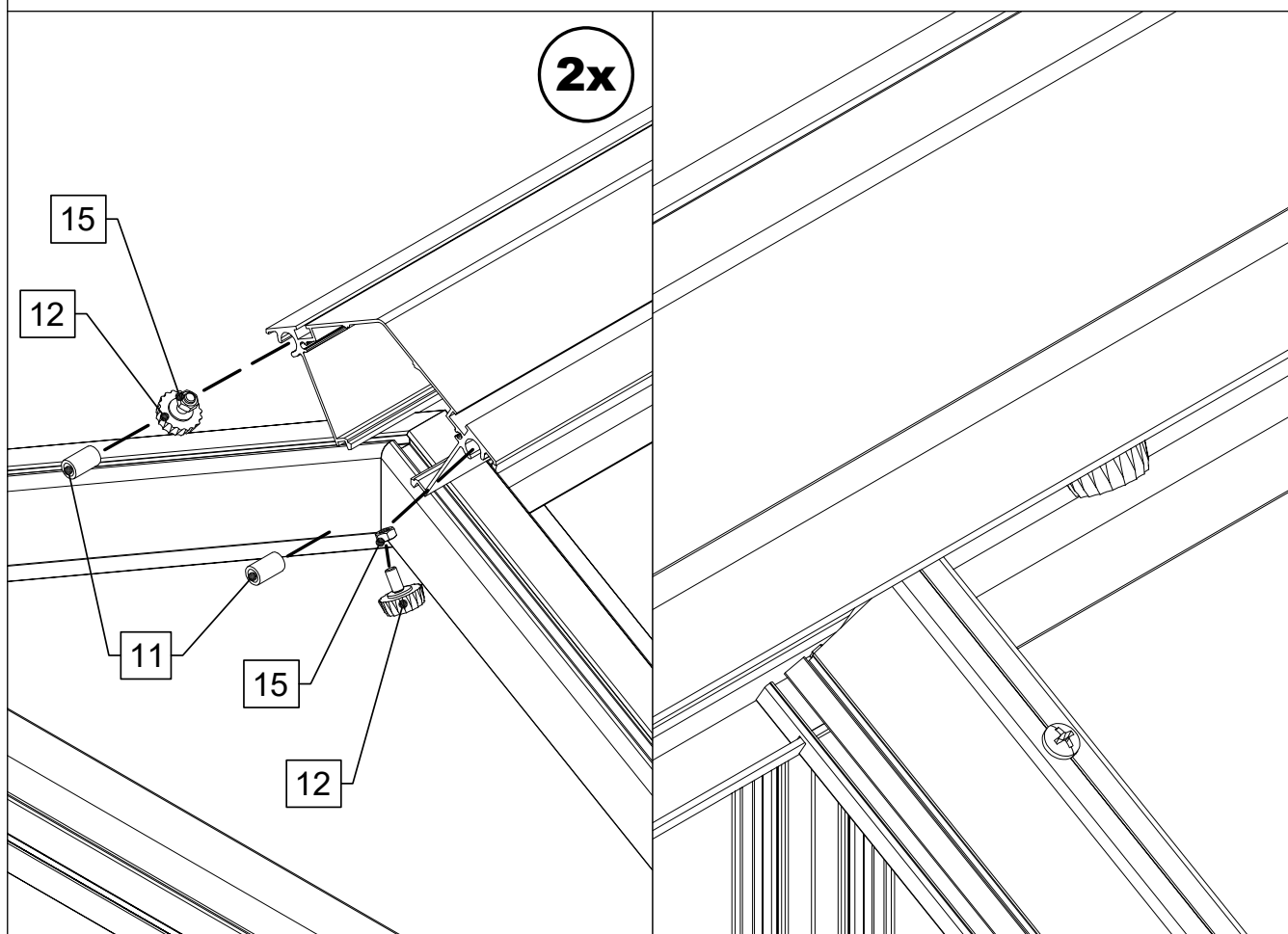
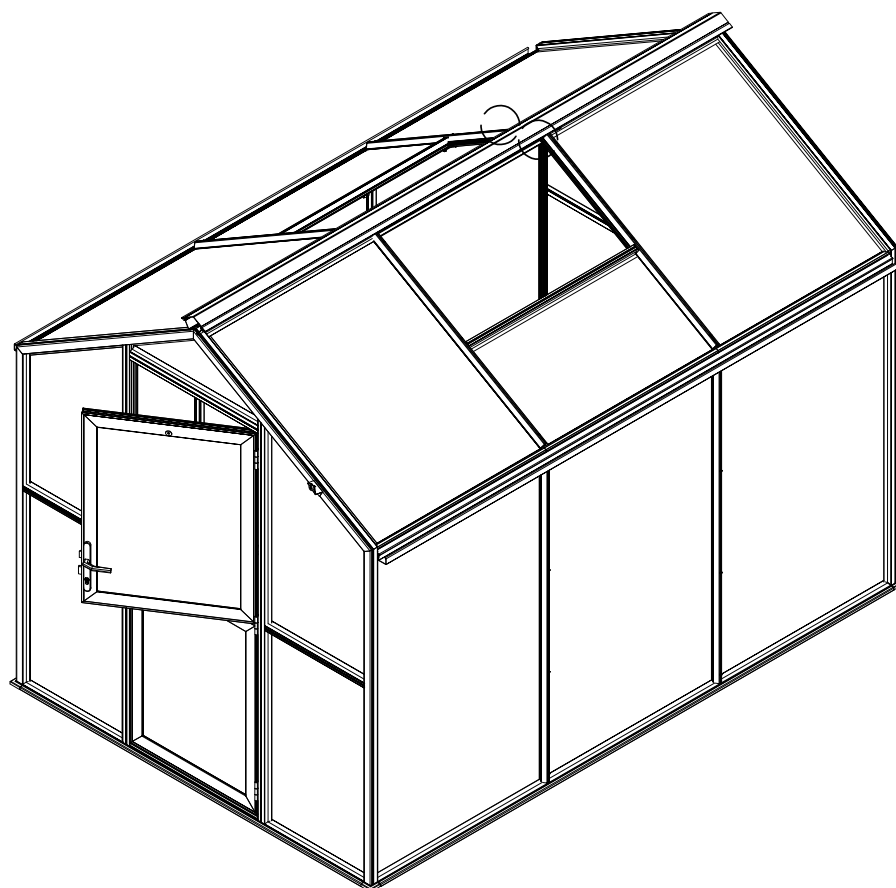
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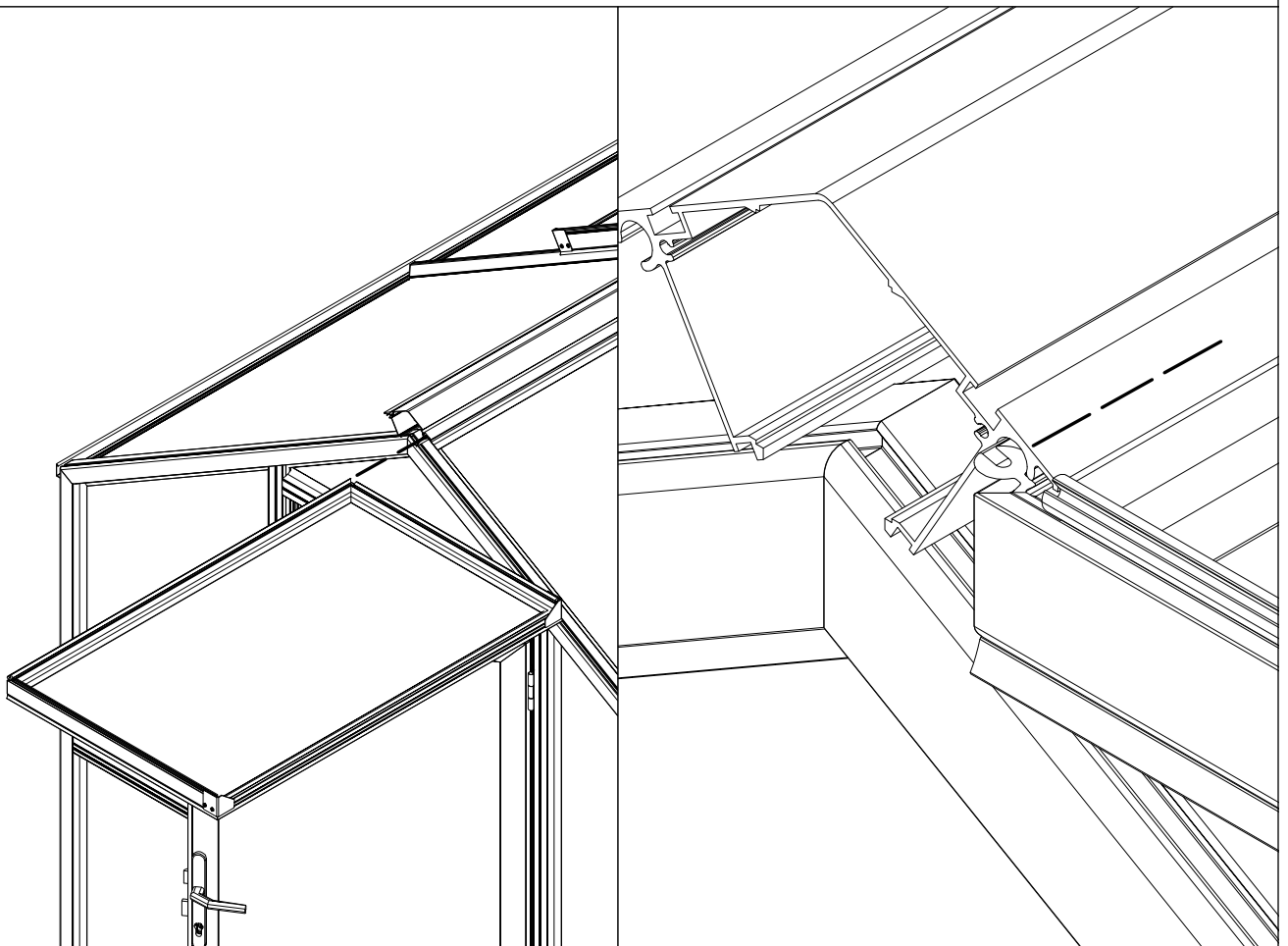
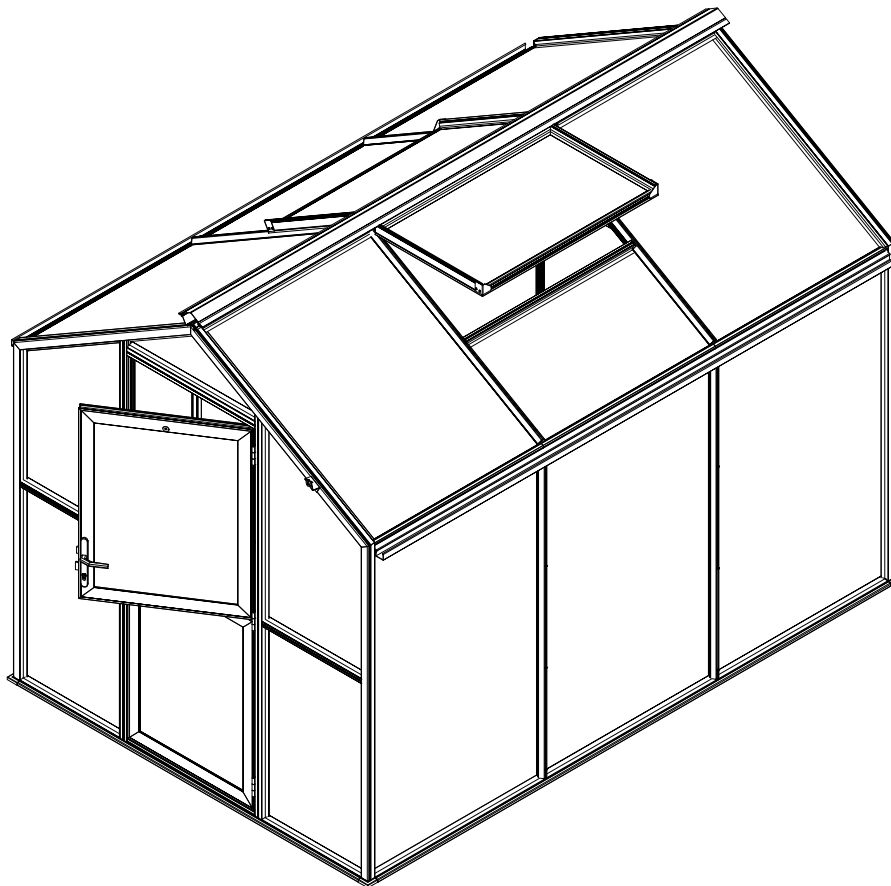


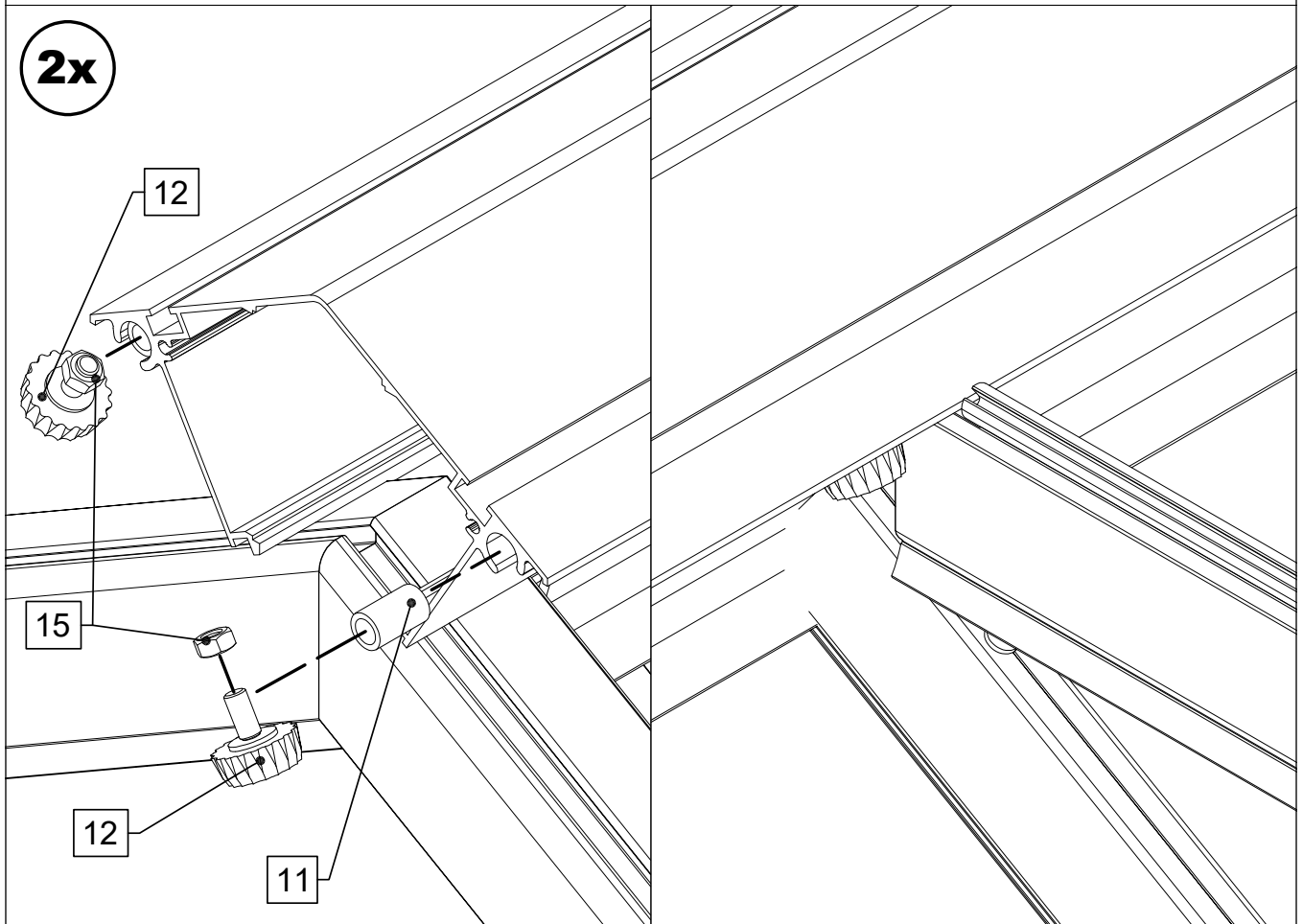
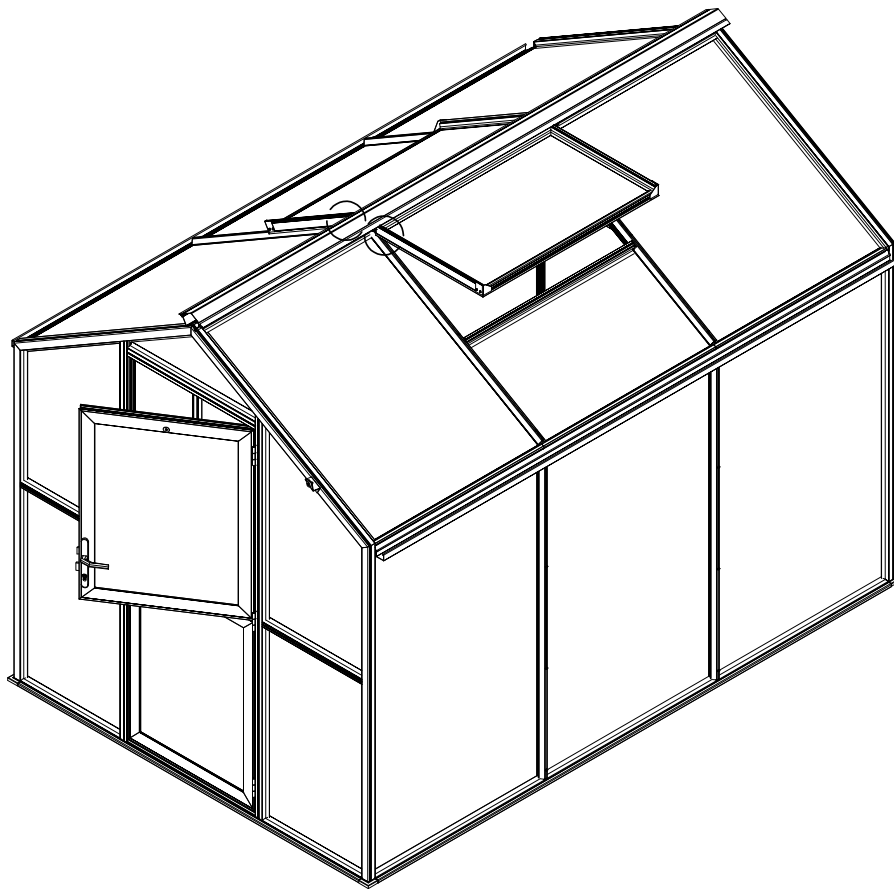




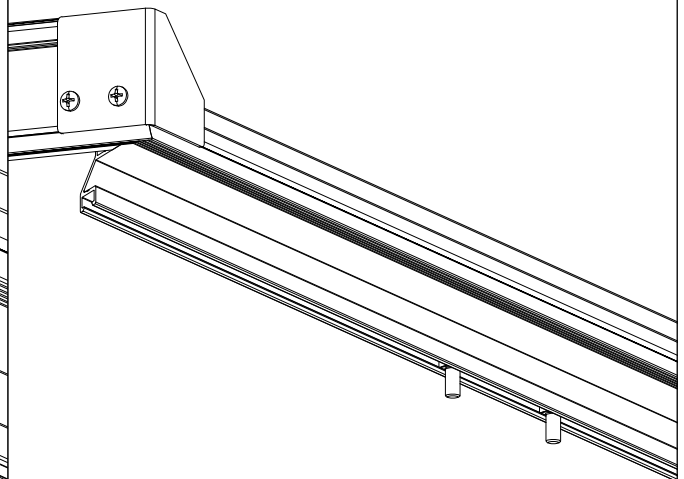
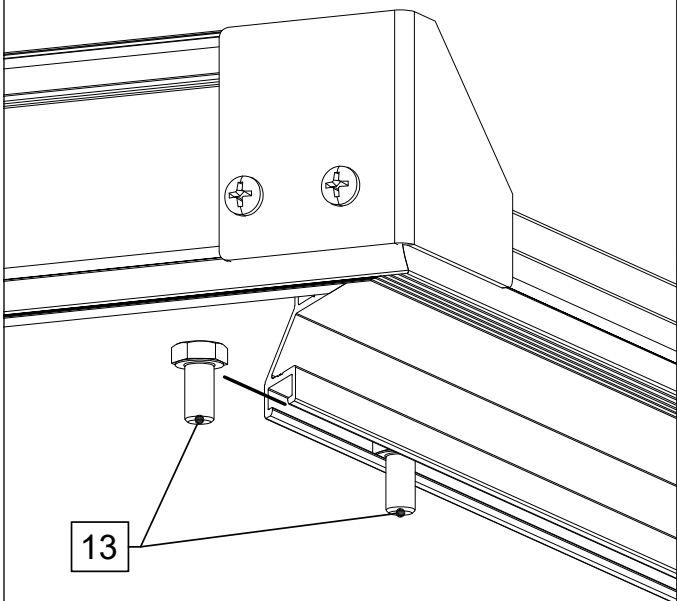
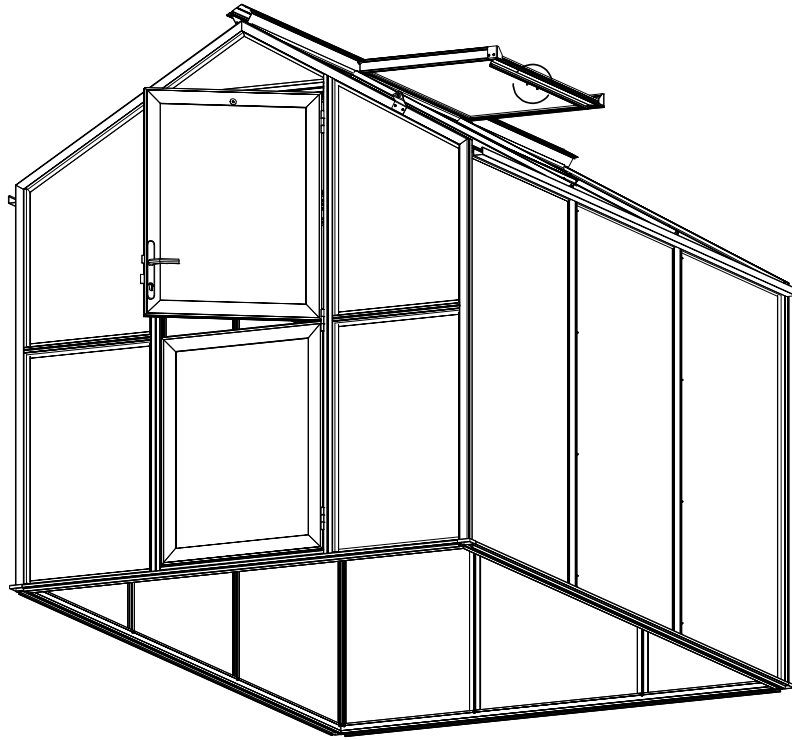


2x



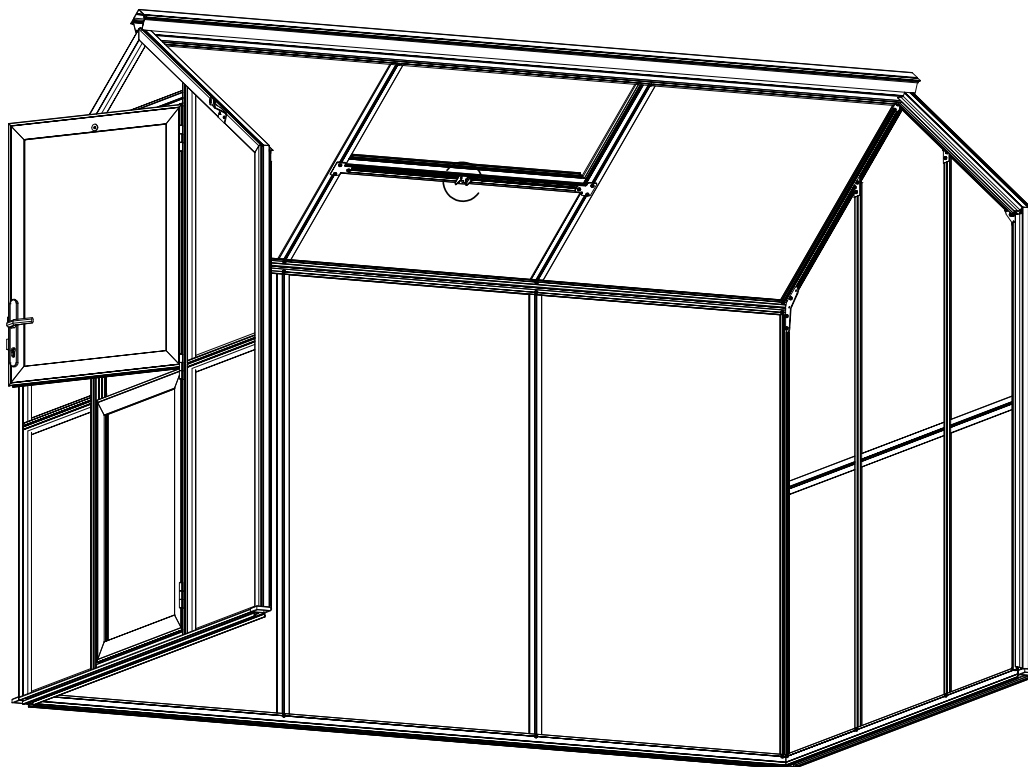


2x

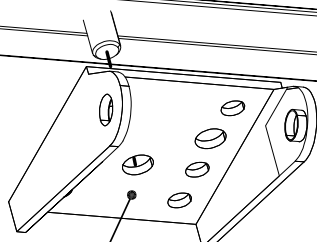


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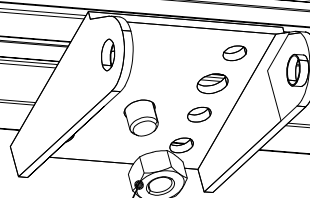
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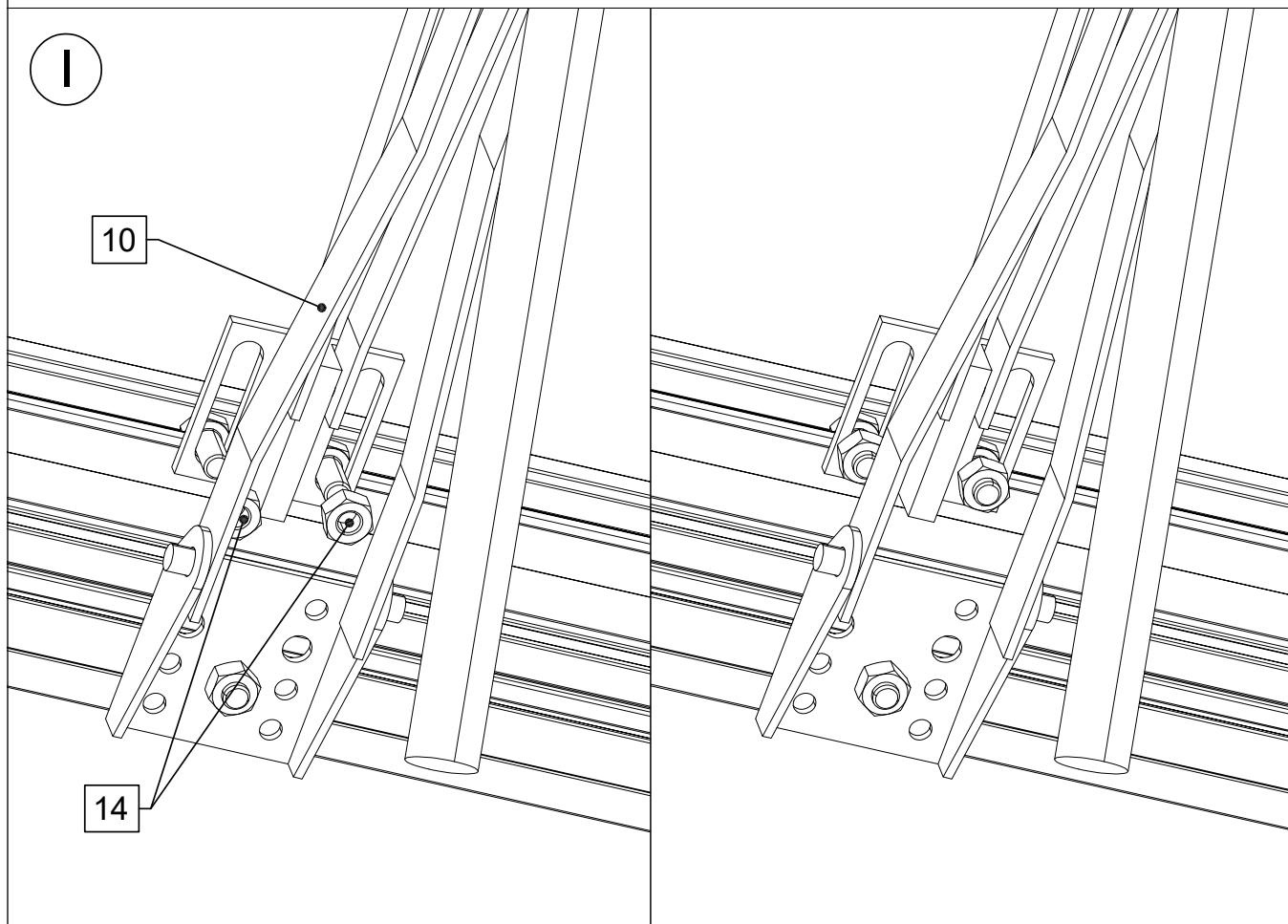
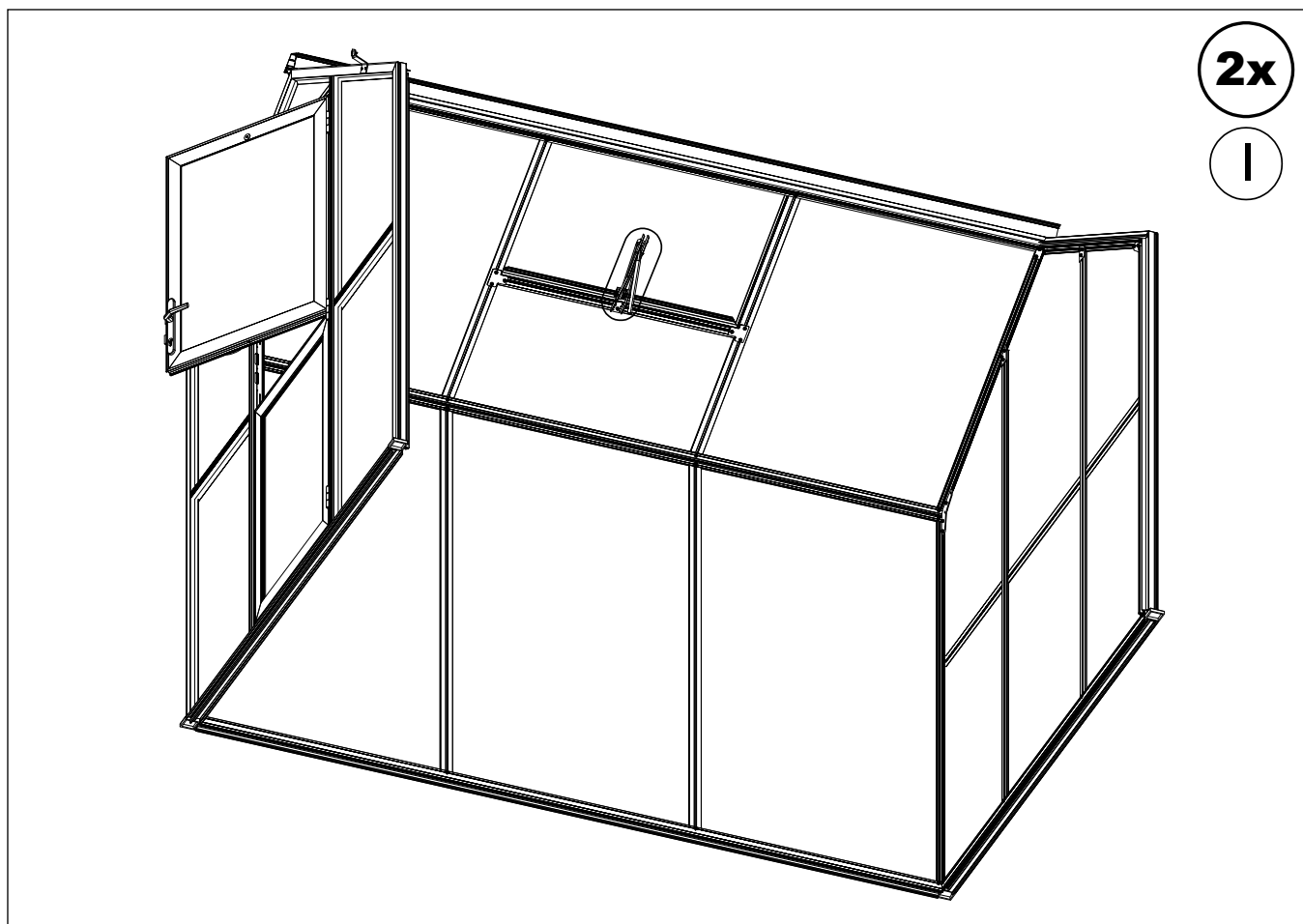
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9

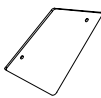
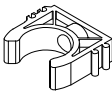


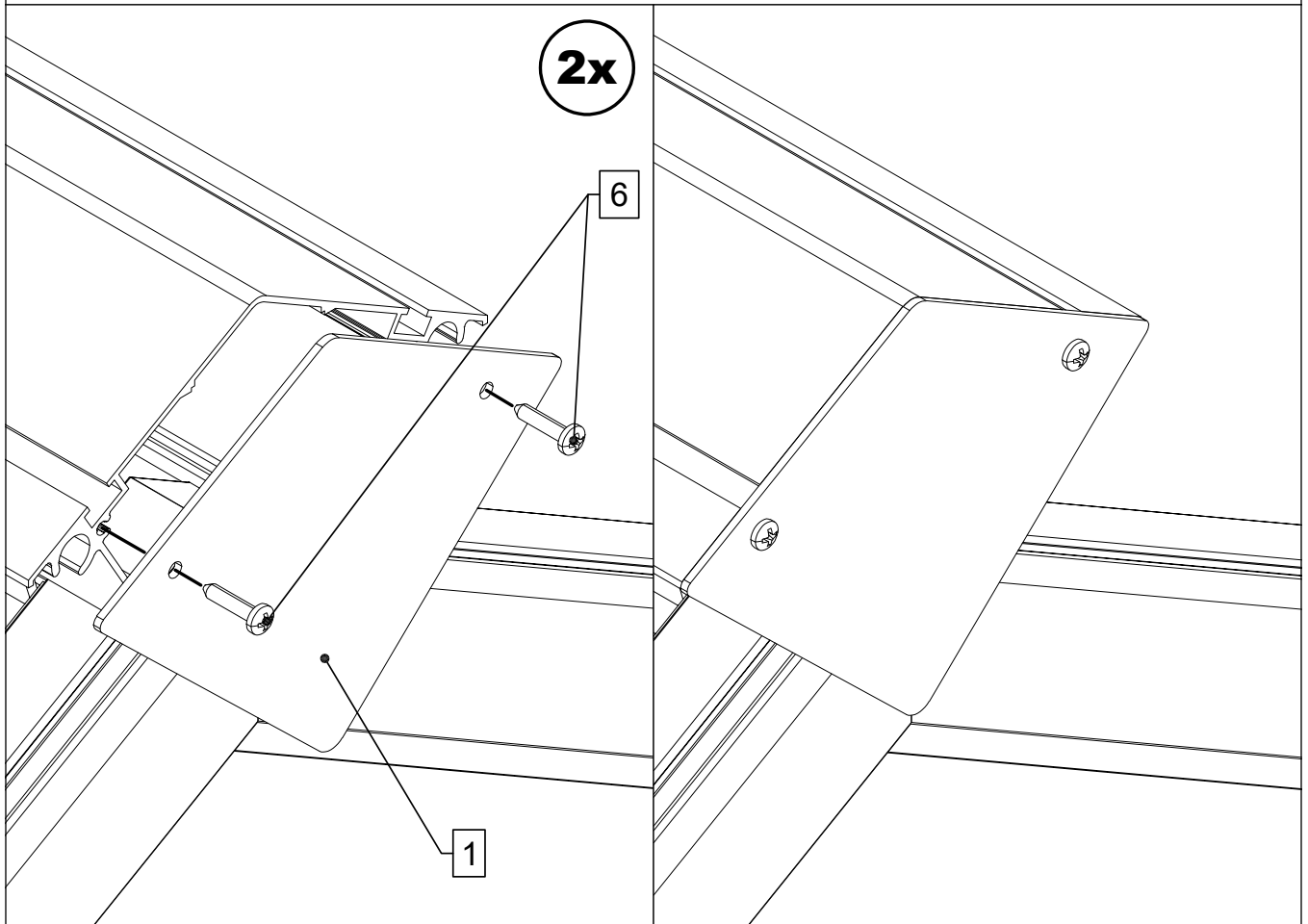
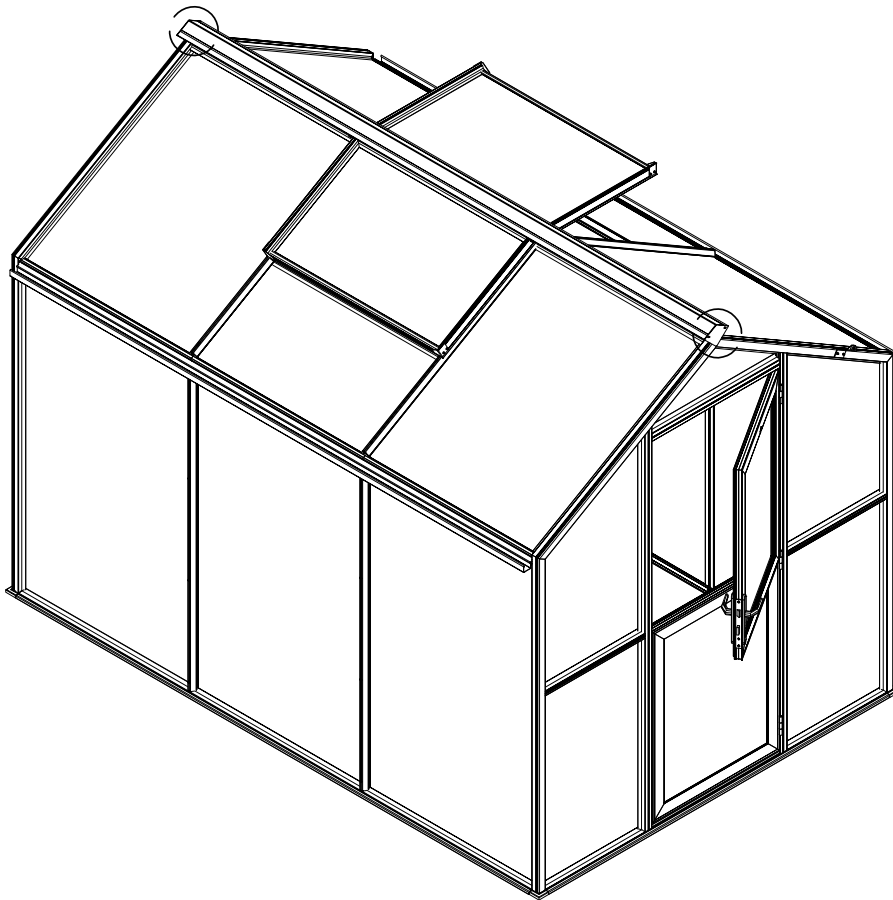
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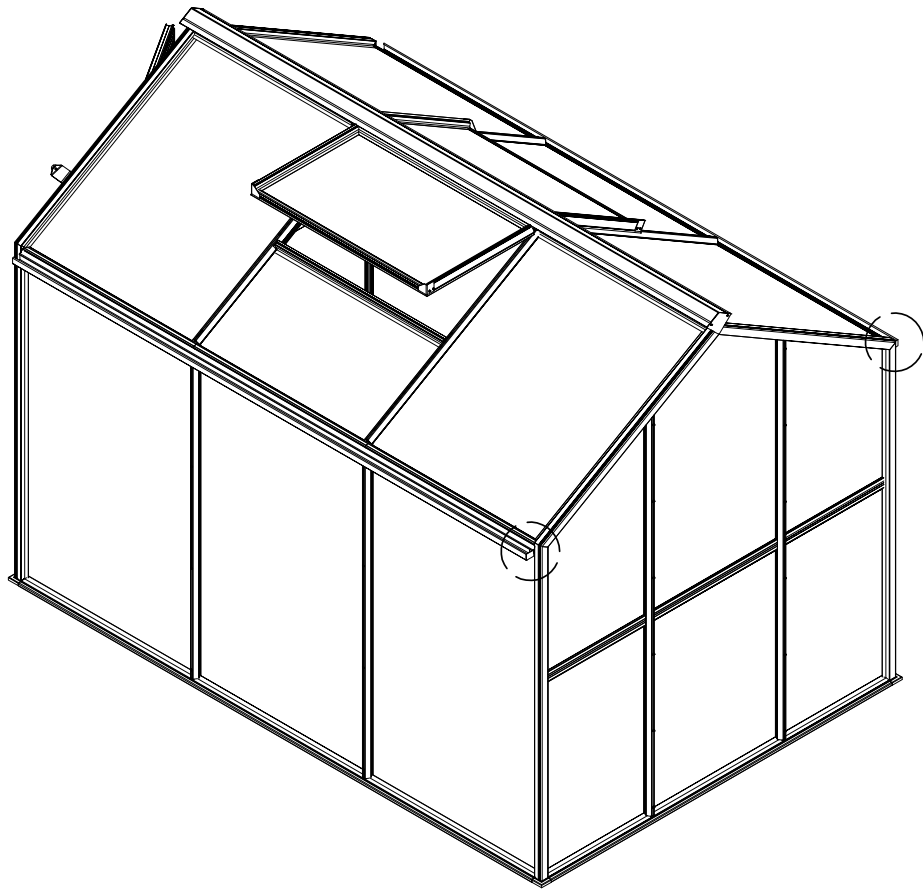


FINAL ASSEMBLY STEPS

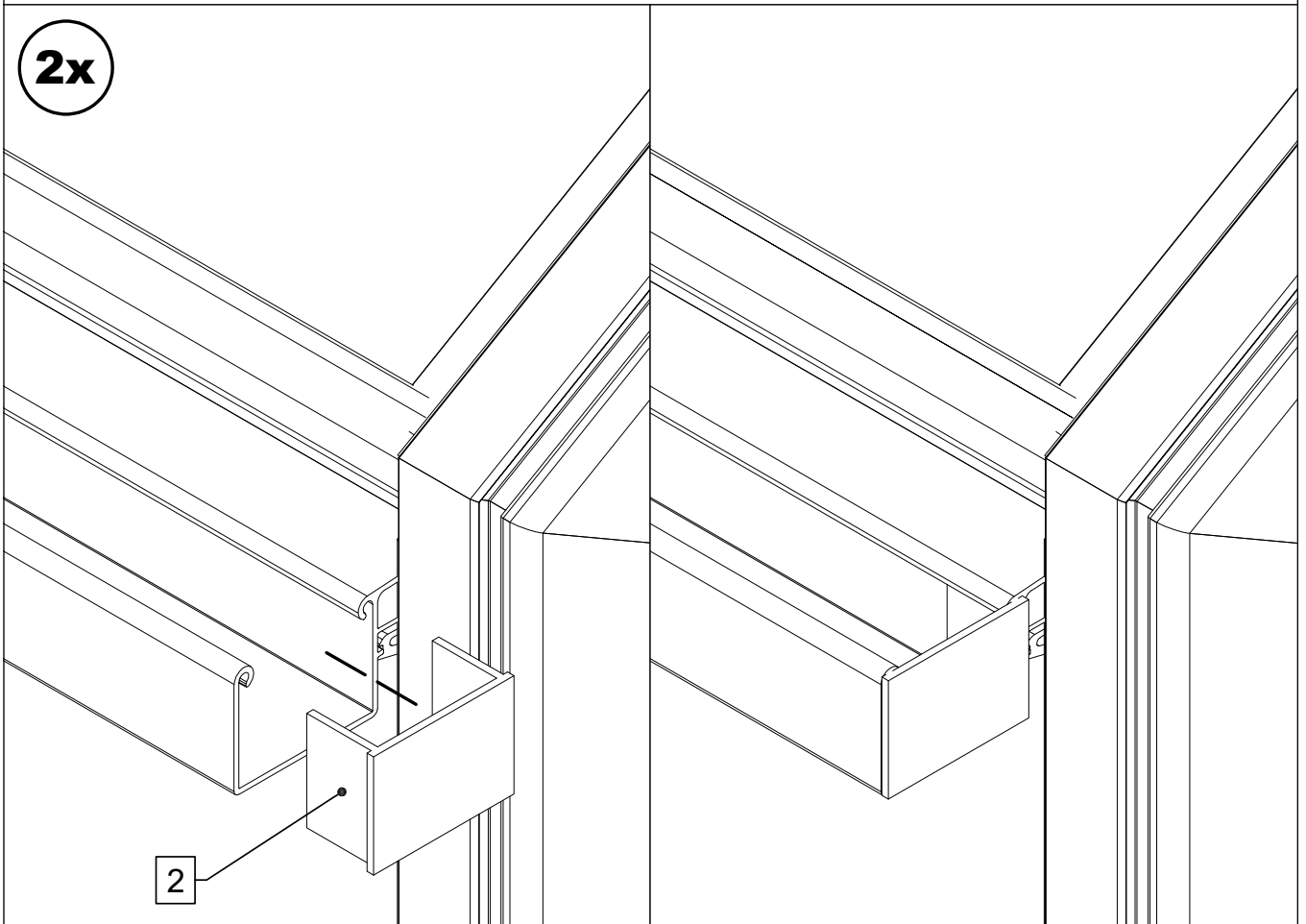
Solara/Eclipse

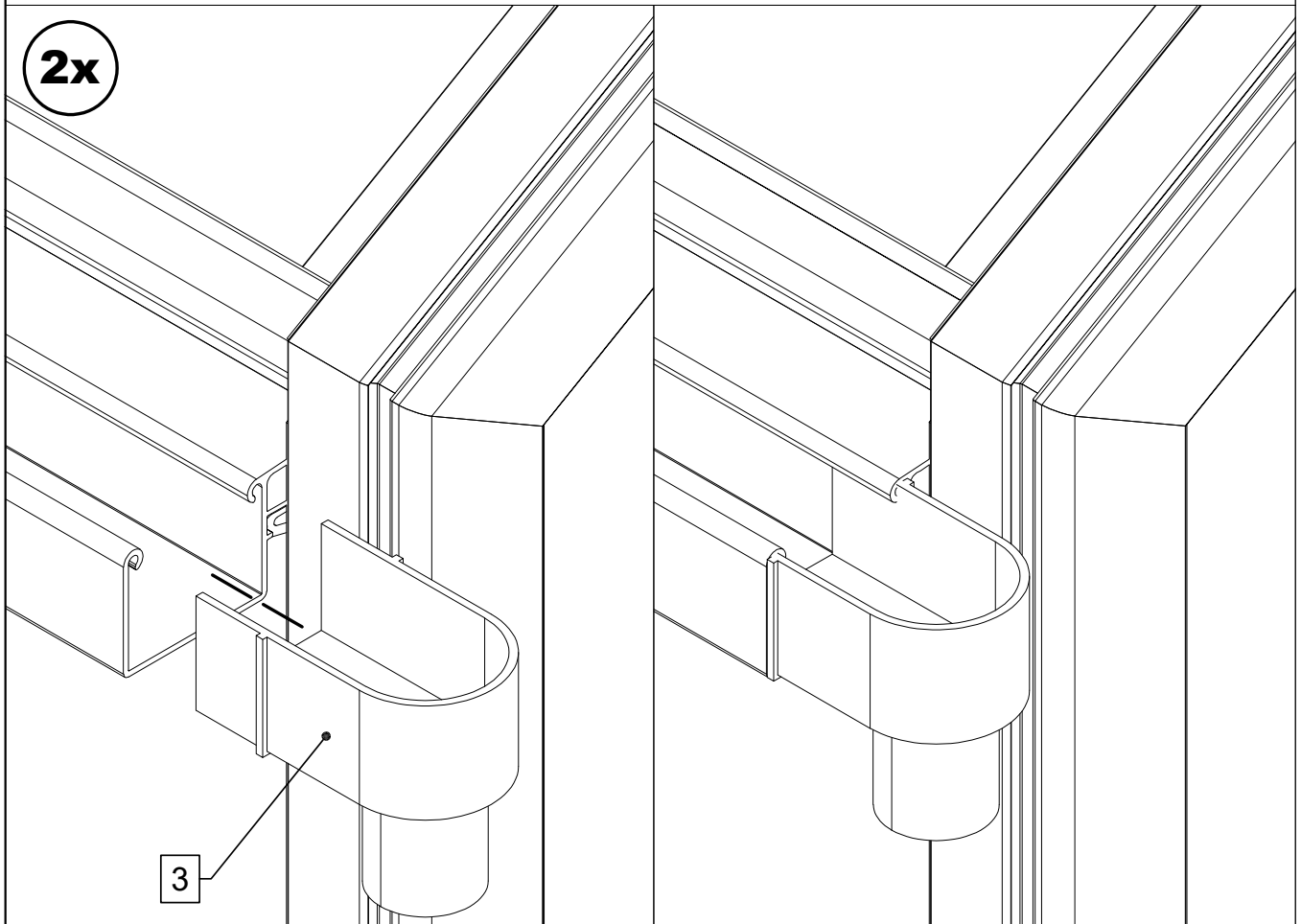
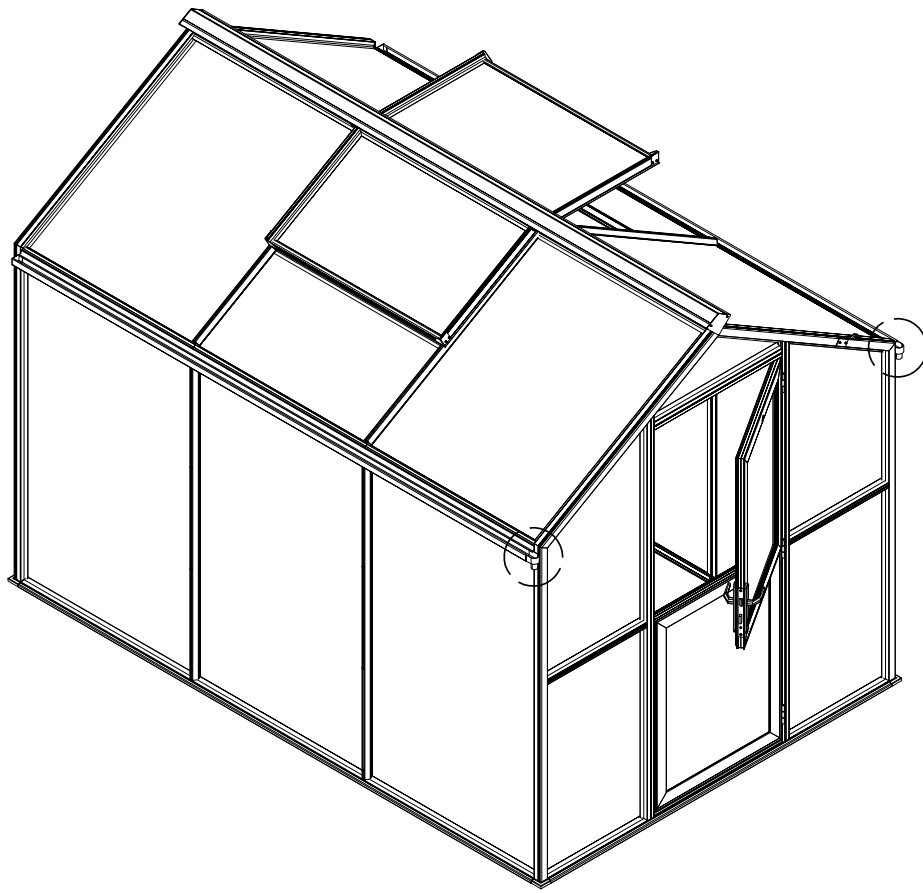
No.	Diagram	Part No.	Description	Number	Comment
1		9999001474	Ridge cover plate	2	
2		9999000179	Gutter Closure	2	
3		9999000178	Gutter Drain	2	
4		9999000027	Downspout Holder	2	
5		9999001579	Downpipe ø32	2	1580 mm
6		9999000144	Lens Head Screw 4.2 x 13	4	DIN 7981
7		9999000118	Wedge Seal 1-2mm	Typ (lfdm.) 2: 8/9 3: 10/11 4: 12/13	Solara/Eclipse
8					
9					
10					
11					
12					

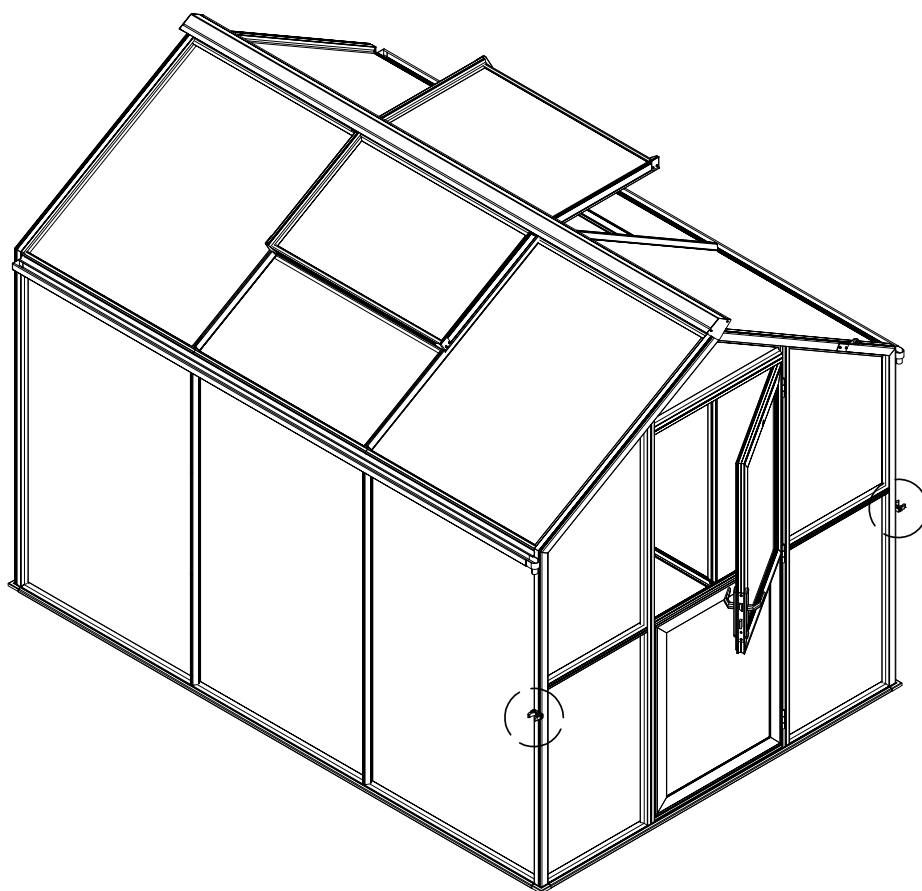




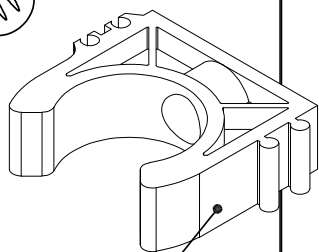
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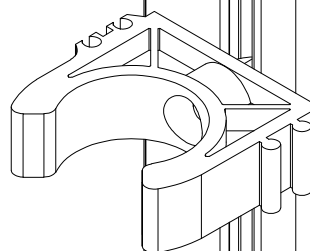


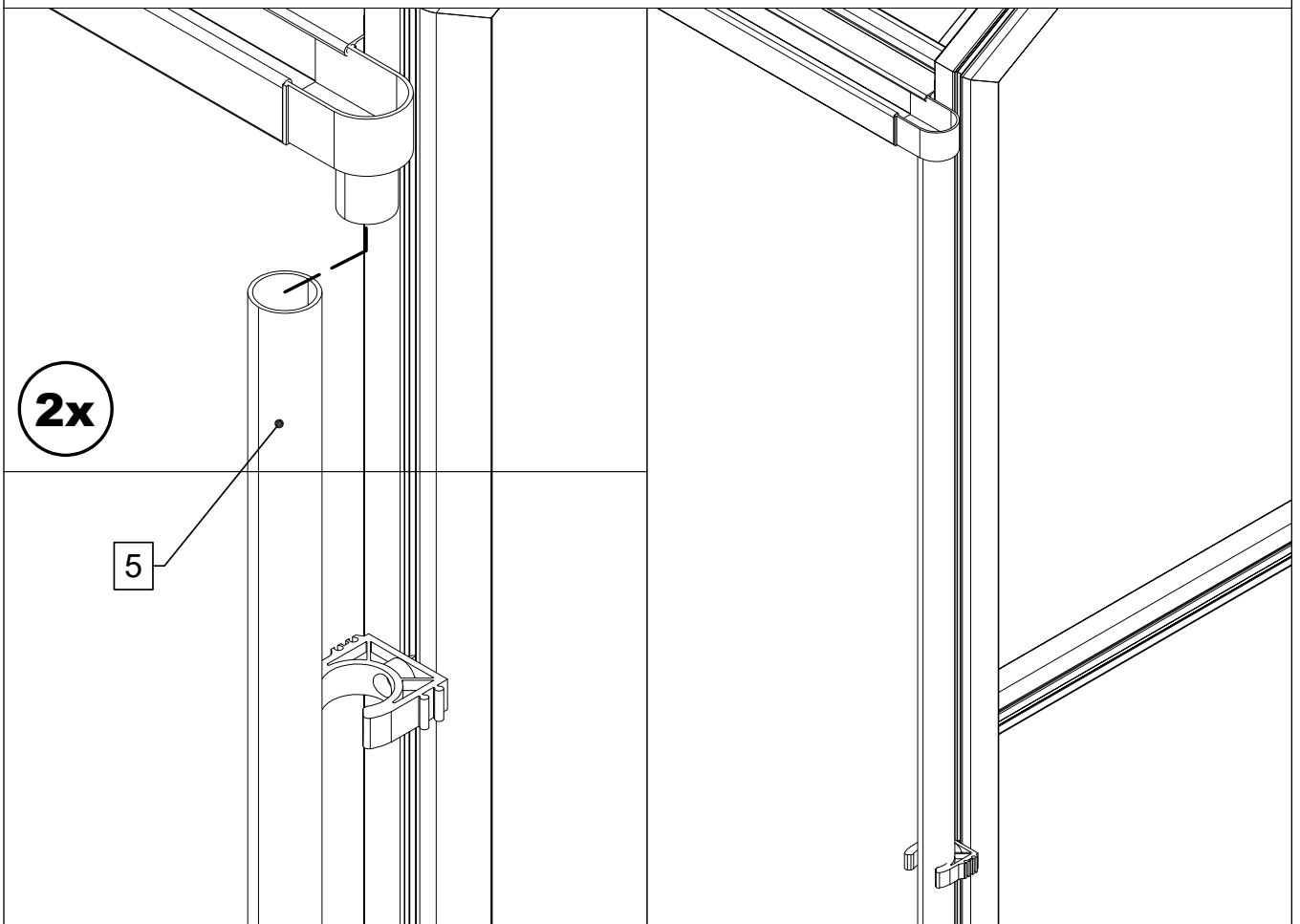
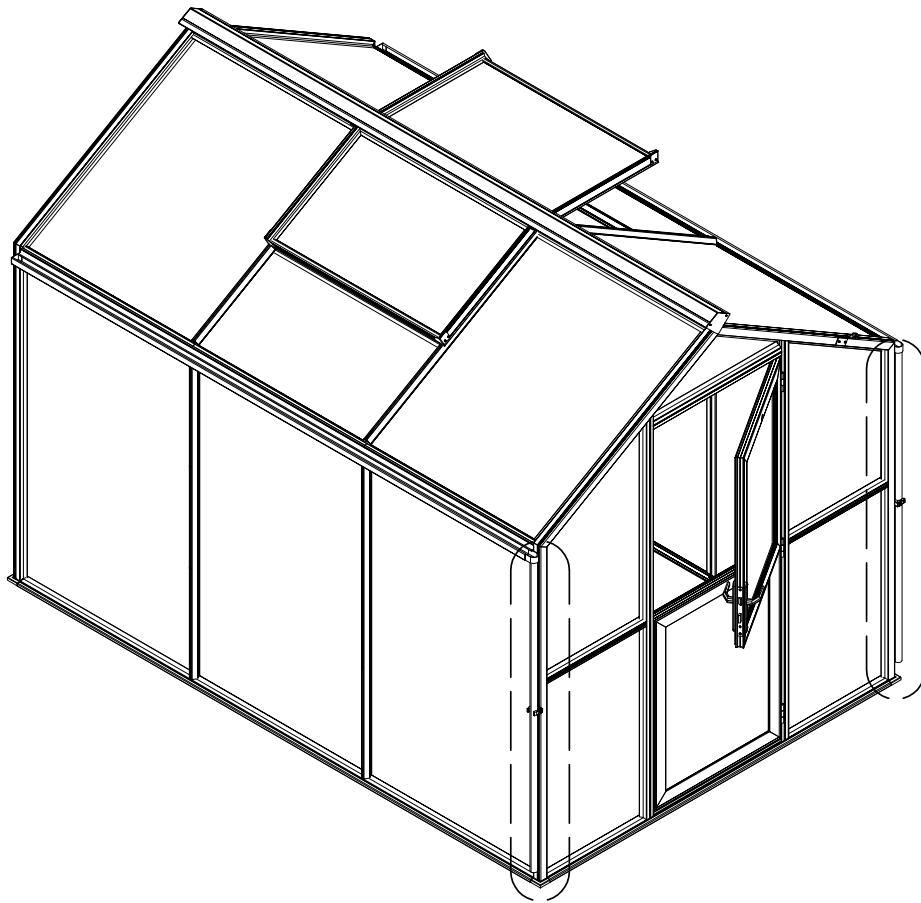


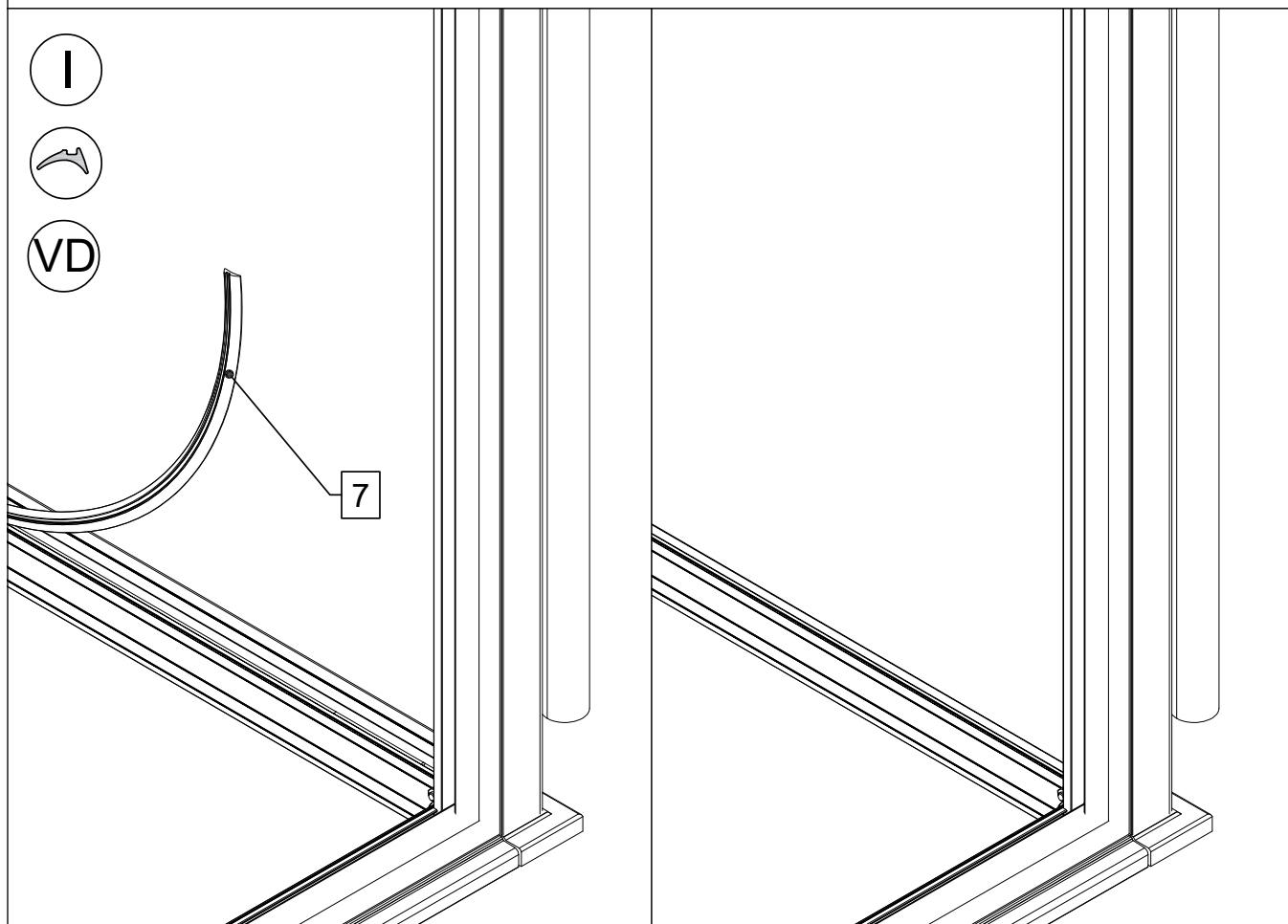
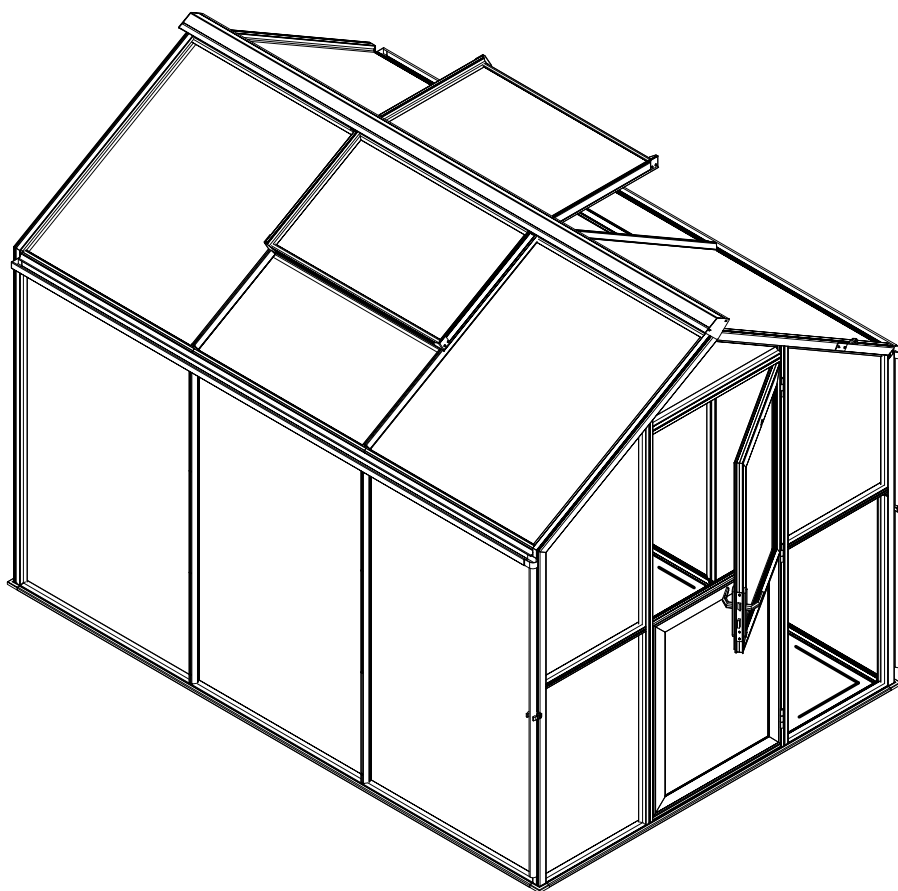
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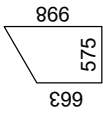
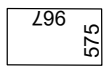
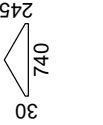
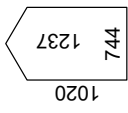
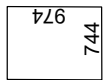
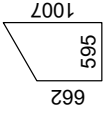
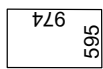
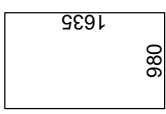
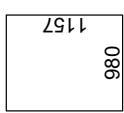
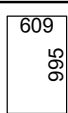
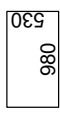
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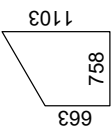
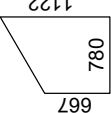
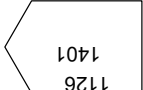
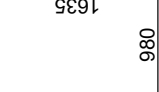




Solara Glass Plan

Model	Gable							Side		Roof		
	Gable side above	below gable	Gable triangle center/door gable	Rw. gable center above	Rw. gable middle below	Rw. gable outside	Rw. gable outside under.	Revolving door, divided	Side	Roof	Roof Window	Below Roof Window
												
2	1x lks./1x rts.	2x	1x	1x	1x	1x lks./1x rts.	2x	2x	4x	3x	1x	1x
3	1x lks./1x rts.	2x	1x	1x	1x	1x lks./1x rts.	2x	2x	6x	4x	2x	2x
4	1x lks./1x rts.	2x	1x	1x	1x	1x lks./1x rts.	2x	2x	8x	6x	2x	2x

Eclipse Glass Plan

Model	Gable								Side	Roof		
Type	Gable triangle side door gable	below gable triangle door gable	Gable triangle center/door gable	Gable triangle side Rw. gable	Rw. gable center	Rw. gable middle below	below gable triangle Rw. gable	Revolving Door, divided	Side	Roof	Roof-window	below roof window
												
2	1x lks./1x rts.	2x	1x	1x lks./1x rts.	1x	1x	2x	2x	4x	3x	1x	1x
3	1x lks./1x rts.	2x	1x	1x lks./1x rts.	1x	1x	2x	2x	6x	4x	2x	2x
4	1x lks./1x rts.	2x	1x	1x lks./1x rts.	1x	1x	2x	2x	8x	6x	2x	2x

Installation instructions:

P = page XX

- P 19 *Measurements need to be identical.
- P 31 *Measurements need to be identical.
- P 39 Only SOLARA
- P 40 Only SOLARA
- P 41 Only ECLIPSE
- P 42 Only ECLIPSE
- P 62 Only, when using 4mm glazing!
- P 125 Alignment takes place at the position of the door retainer.