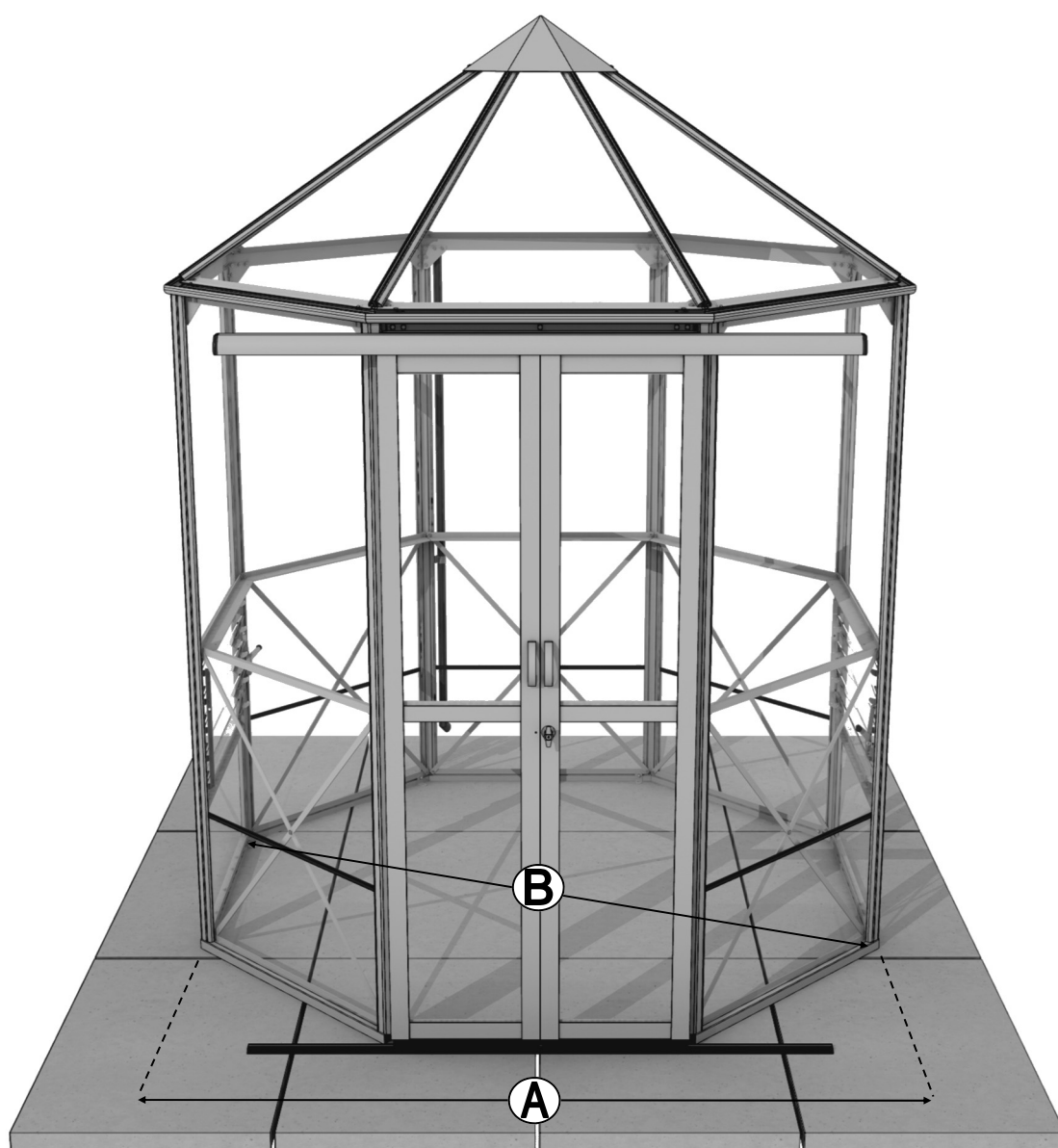
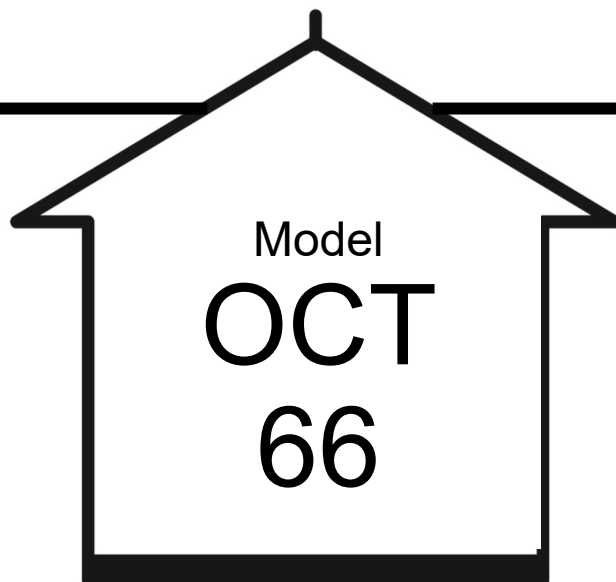




A (mm)	B (mm)
1910	2066

Issue 1.3



Thank you for purchasing your new greenhouse. We recommend you familiarise yourself with the instructions and read all safety information before you commence assembly.

These instructions are divided into sections; **B**-base, **partlists**, **P**-preparation, **1**-quarters (x4), **2**-joining sections together, **3**-front assembly, **4**-roof, **5**-louvre, **6**-doors, **7**-glazing, **8**-optional staging / shelving, **9**-door attachment, **10**-finishing touches, **11**-anchoring down, **back cover**-packing list. If you need to contact us for assistance please refer to the relevant section/s.

Safety Warning

- Glass and aluminium can potentially cause injury. Please ensure you wear protective goggles, gloves, headgear and suitable footwear when assembling and glazing the building.
- Please remember that glass is fragile and should be handled with extreme care. Always clear up and dispose of any breakages immediately.
- Do not assemble the greenhouse in high winds.
- For safety reasons and ease of assembly, we recommend that this greenhouse is assembled by a minimum of two people.
- Please clear all lying snow from the greenhouse roof as it can cause the roof to buckle or collapse.

Site Preparation

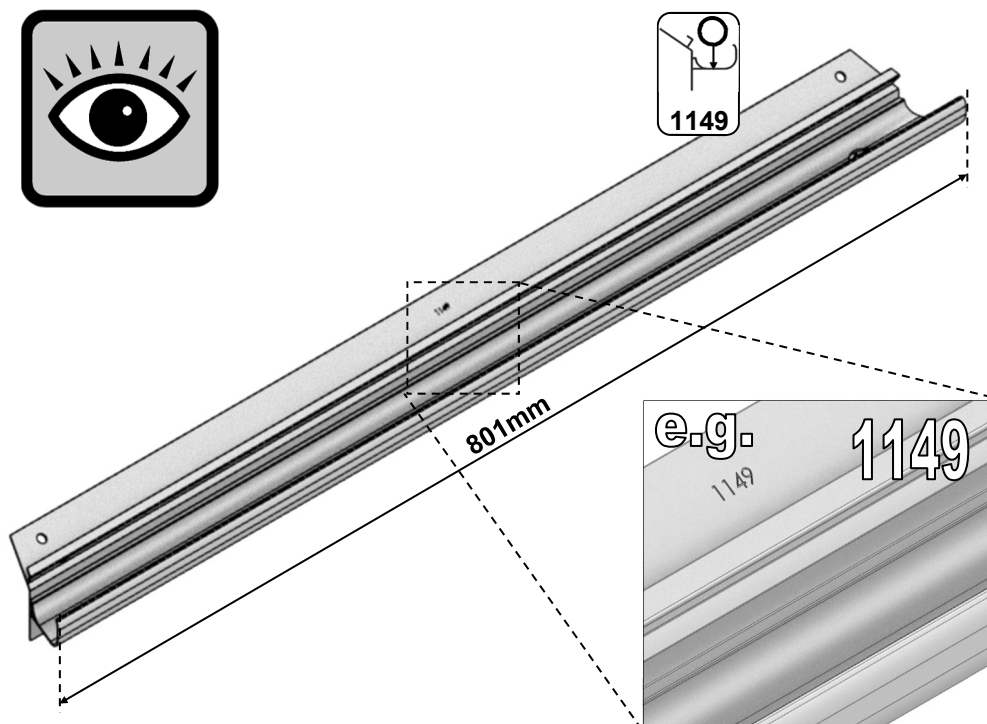
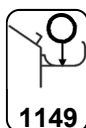
- When selecting a site for your greenhouse, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base (slabbed recommended) will provide the most solid foundation for your greenhouse.
- IMPORTANT: Do **not** fix your building down until the building is fully assembled, including glazing.
- Avoid placing your greenhouse under trees or in other vulnerable locations.
- To minimise the risk of wind damage, try to select as sheltered a site as possible, e.g. beside a hedgerow or garden fence.

Additional Considerations

- Please bear in mind that assembling your greenhouse can be time consuming. You may need to spread the construction over two or more days. We recommend that you avoid leaving the building partially glazed. If you ever have to leave your greenhouse half assembled and not anchored down, weigh it down with slabs or bags of sand to stop the wind moving it.
- You will find it helpful to prepare a large, clean and clear area in which to work in. A garage floor or flat lawn area is ideal.
- If you have arranged for someone to install your greenhouse for you, please check that all components are included. Most parts are numbered and can be identified by a stamped number (without the 'SY', 'HE', etc..) or removable label. Alternatively, the components can be identified by lengths detailed in the packing list (see diagram below). Please also note that **NOT** all parts for a specific area will be packed together, i.e. door related components are packed together and some are used in main frame construction.
- Anchoring down your greenhouse should be the final stage of construction just after glazing.

Guarantee

- Your new greenhouse is guaranteed for 10 years against faulty manufacture of the framework. This does not include glazing, moving parts, accidental damage or wind damage.



KEY SYMBOL	KEY DESCRIPTION
	EXTERNAL VIEW
	INTERNAL VIEW
	THINK / IMPORTANT
	THIS SECTION RELATES TO ANOTHER (e.g. 1 to 4, 7 to 5)
	CORRECT
	DO <u>NOT</u> FIX DOWN!
	TWIST TO LOCK
	CUT TO LENGTH

EXACT EXTERNAL FOOTPRINT DIMENSIONS (mm)

use 'mm' measurements.

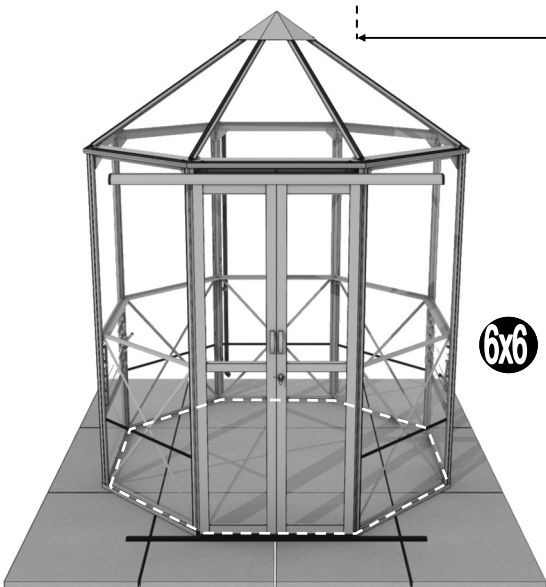
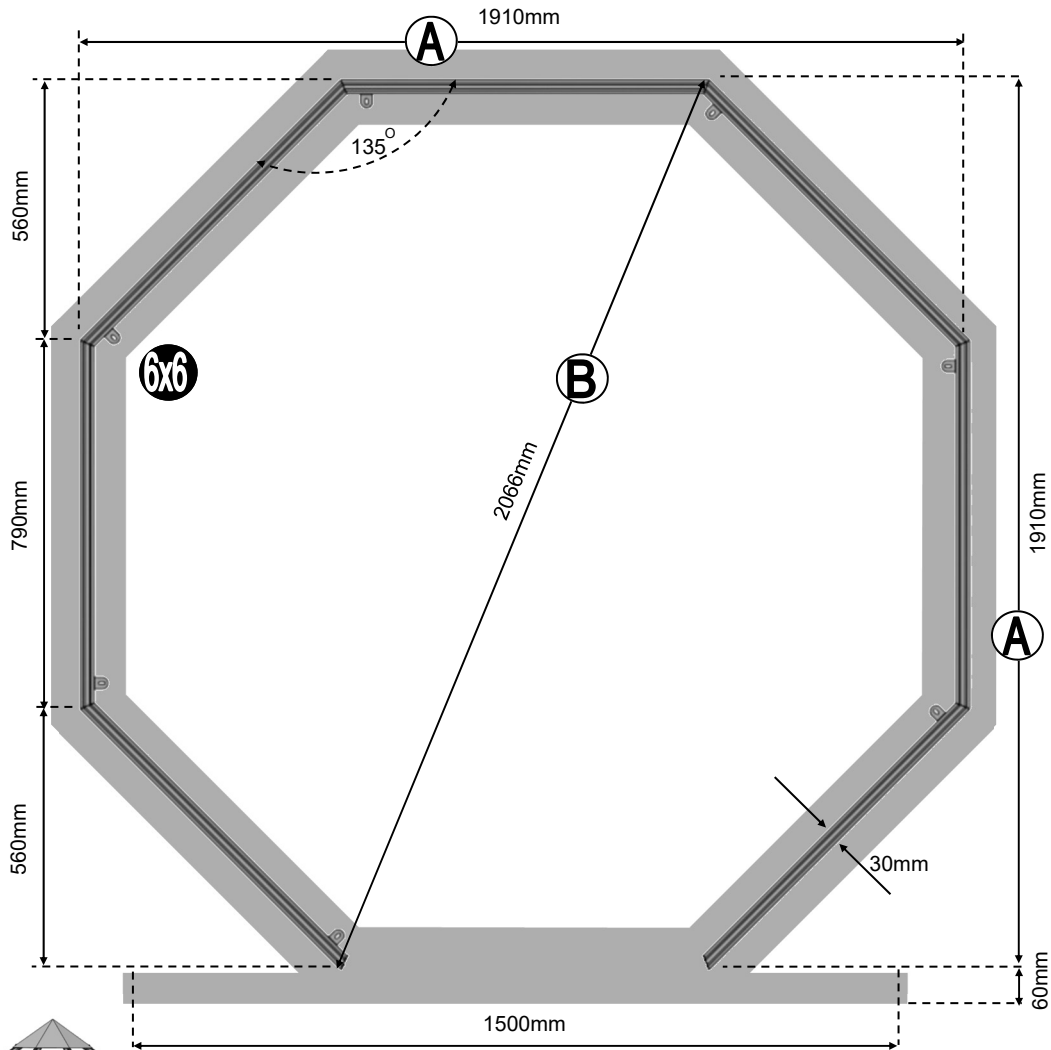
MODEL	A (mm)	B (mm) DIAGONAL
OCT 66	1910	2066

We cannot emphasize how important it is to have a proper base for your Greenhouse to be erected upon.

It is essential that the **BASE IS FLAT, LEVEL AND SUBSTANTIAL** enough to take the weight of the greenhouse including its glass.

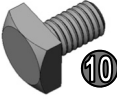
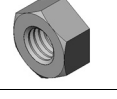
Give yourself enough room around your base to allow for fitting the glass and any on-going maintenance / cleaning. A slab base which is larger than the greenhouse is the ideal solution and is our preferred foundation. Slabs are ideal because they allow for some drainage between them (no greenhouse is 100% waterproof) and they will also help support the lower door runner SY659 and threshold SY661 (see section '9').

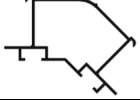
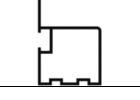
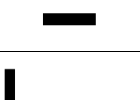
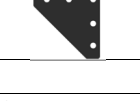
IMPORTANT: Do not anchor your greenhouse down until it is fully assembled including glazing unless you are 100% sure your base is square and level. If not your glass will not fit properly.

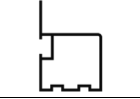
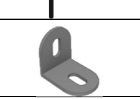


B

Page Ref	Part No.	Section / Part	Size (mm)	6x6
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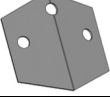
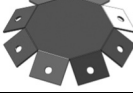
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	SY-BOLM6 X15		15	41
	SY NUT M6		M6	169

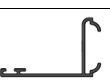
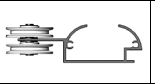
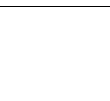
1	SY1115		1802	8
	SY1119		801	4
	SY1122		790	4
	SY1127		1133	8
	SY1128		762	4
	HE300		N/A	4
	HE404		N/A	8

2	SY1119		801	2
	SY1122		790	3
	SY1127		1133	2
	SY1128		762	3
	SY1149		801	1
	HE300		N/A	3
	HE404		N/A	6

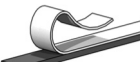
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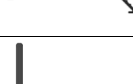
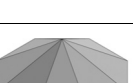
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	SY616		N/A	1
	SY654		732	1
	SY1119		801	1
	HE404		N/A	2

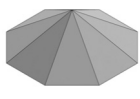
4	SY1118		1130	8
	SY1125		N/A	8
	D077		N/A	1

6	SY630		1730	2
	SY652		1730	1
	SY653		1730	1
	SY657		365	2
	SY666		365	2
	SY670		365	2
	HE384		112	2
	SY629		795	8
	HE571		3800	1
	HE583		19	24

Page Ref	Part No.	Section / Part	Size (mm)	6x6
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7	SY FOAM		15000	4
	SY ZCLIP		N/A	16
	SYBCC /W1802		1802	14
	SYBCC /W1130		1130	16
	ROSEP 730		730	5

9	SY655		729	1
	SY658		1480	1
	SY659		1480	1
	SY661		690	1
	HE400		N/A	2
	HE560		N/A	2

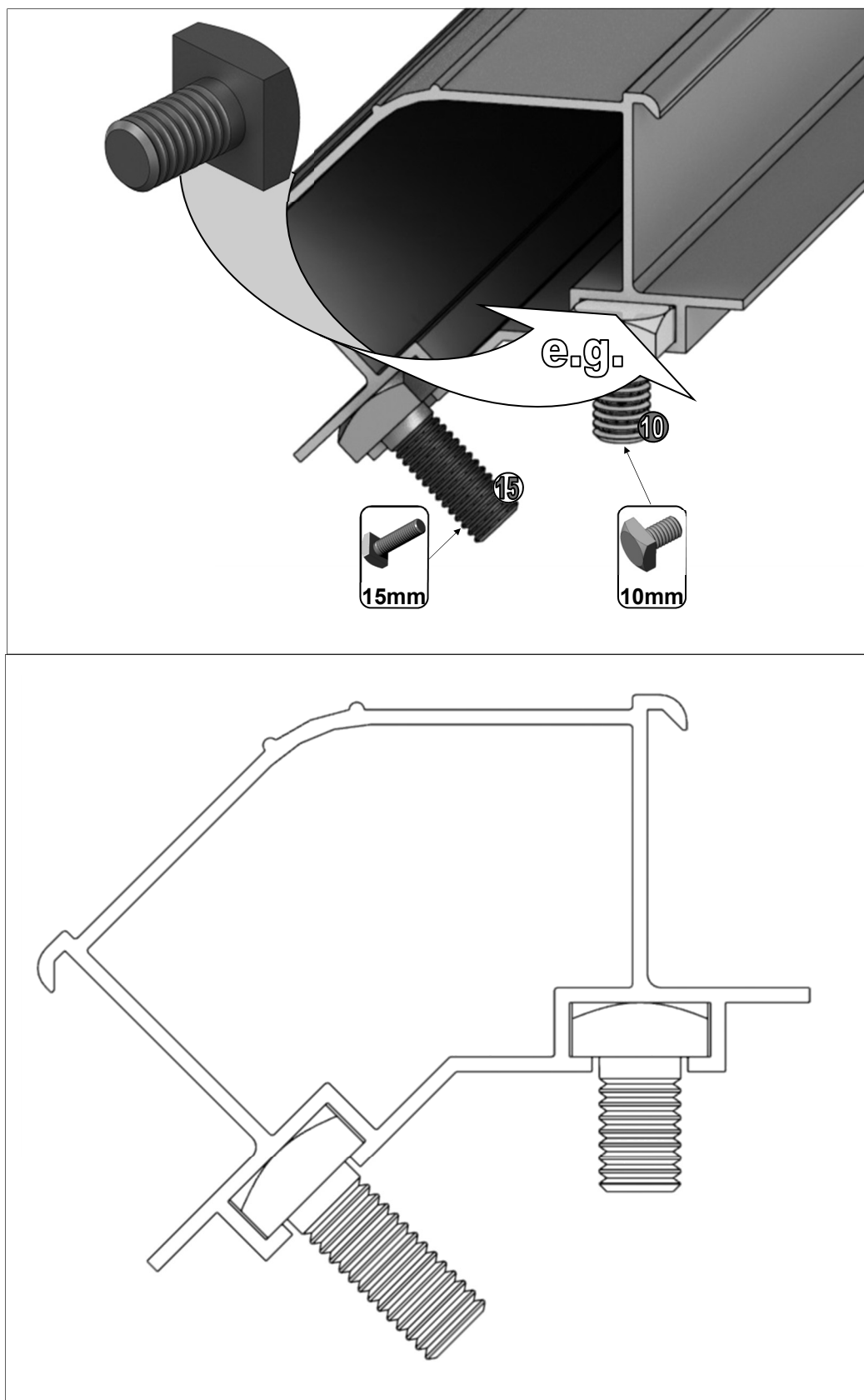
10	D076		N/A	1
	D841		N/A	1
	D211		1625	1



SECTION No	TITLE	ASSEMBLY SYNOPSIS: IMPORTANT INFORMATION / CONSIDERATIONS
B	BASE	Base dimensions and recommendations. Ensure that your base is level as this will make assembly of the building, especially the glazing of the roof much more straight forward.
	PARTS LIST	Most components should have a code punched into their metal surface. Identify and separate all like for like components prior to assembly. The 'parts list' also separates parts into the various sections 1 - 11 shown below. Parts can also be identified by their profile pictures and stated lengths etc..
P	PREPARATION	The frame is assembled by feeding square headed bolts, either 10mm or 15mm in length into the slots on glazing bars and then locating those bolts through holes in purlins and cills, etc... Twist in (rectangular) crop headed bolts are also used towards the end of construction to attach components to the frame when the glazing bar slots are no longer exposed at the ends. Do not over-tighten any bolts / nuts as they may cross-thread, you may also need to manipulate the shape of the frame slightly during glazing and door hanging so keep the nuts finger tight plus half a turn with a spanner until just before the nut caps are applied. Tools required / recommended.
1	QUARTERS	Use 10mm and 15mm bolts to join the components (note how the head of the bolt slides into each glazing bar during construction). The correct choice of bolt is highlighted with a number 10/15 in each of the diagrams.
2	JOINING SECTIONS TOGETHER	Take the four quarters (1) and join them together using the cills 'SY1122' and gutter components etc.... IMPORTANT: Please ensure that the downpipe gutter 'SY1149' is located at the rear middle. It is a good idea to tie some ladders to the sides to support them if you do not have anyone to hold them for you. Ensure that all internal angles are equal and that the frame is perpendicular to the ground.
3	FRONT ASSEMBLY	Components for this section are found in the main box and in the door pack. This section begins to formulate the doorway prior to door attachment in section '9'. Remember to slide the 10mm bolts into the two SY1115 corners adjacent to the doorway ready to attach the door stops later.
4	ROOF	Attach the eaves plates 'SY1125' linking the eight gutter sections. Join the eight roof bars 'SY1118' between the 'SY1125's' and the single octagonal roof bracket 'D077'.
5	LOUVRE	Two louvres are supplied with each model. They attach to the building during the glazing process '7' using twist-in crop headed bolts. The louvers have to be sandwiched between the two panes provided.
6	DOORS	Assemble the doors using the HE583 self-tapping screws provided. Ensure that the door middle horizontals are in the correct orientation. Plastic parts SY629 are slid into the door verticals and retain the glass, if they cause interference they may need a few 'mm's' removing. The doors are attached to the structure in section '9' after the rest of the building has been glazed.
7	GLAZING	Before commencing glazing make sure that the frame is still square and level and that the building is perpendicular to the ground. The adhesive foam goes longitudinally over the greenhouse frame, see examples in diagrams. It never goes horizontally, the glass just sits directly onto the aluminium cills in the sides. Remove the white paper on the foam before it gets wet as it is difficult to remove, i.e. it comes off in small pieces. Layout the bar cappings around the building like a sundial checking that all is present and correct. You can also place the roof cappings in the gutters so they are closer to hand. It is a good idea to glaze two roof sections first to ensure the building is square followed by two side sections to ensure the building isn't leaning. Do not leave the building part glazed to prevent wind damage. Your capping will need to be cut around the vents and louvers as it only needs to be adjacent to a piece of glass.
8	OPTIONAL SHELIVING / STAGING	The height of the staging is determined by the greenhouse horizontal purlins 'SY1128'. The shelf though can be fitted at the height you determine. Use the supporting tubes 'EV0349 & SYD2014' to fit the staging and shelf perpendicular to the frame.
9	DOOR ATTACHMENT	Attaching the upper door track SY658 and the lower door runner SY659 will allow the doors to be hung onto the structure. Getting the doors to slide perfectly will take some fine tuning and the shape of the doors may need to be adjusted fractionally to correspond with doorway aperture that they are covering.
10	FINISHING TOUCHES	Now that the main body of the structure is complete you can add; downpipe fittings and the ridge cone 'D076'. Use the waterproof tape and silicone to seal between the gutter sections. The ridge cone and downpipe bracket 'D841' are attached by carefully using 'EV0329' tek screws which will bore into aluminium or plastic.
11	ANCHORING DOWN	Now that the greenhouse is finished and the door is operating without interference you need to anchor the building down using 2" rawl plugs and screws. Use a 7mm masonry bit in a hammer drill to create the holes through the HE300 base brackets.

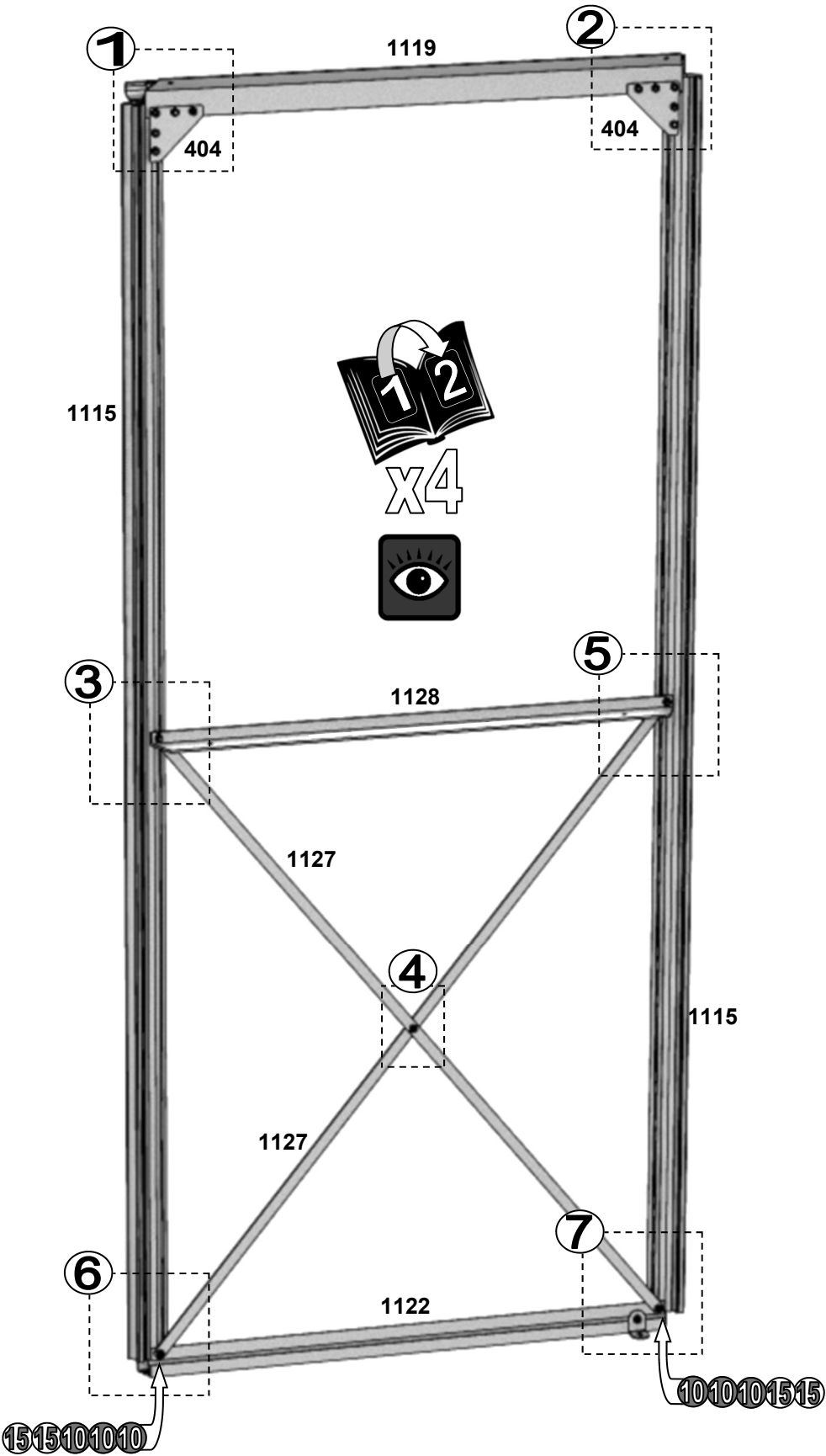
The frame is assembled by feeding square headed bolts, either 10mm or 15mm in length into the slots on glazing bars and then locating those bolts through holes in purlins and cills, etc... Twist in (rectangular) crop headed bolts are also used towards the end of construction to attach components to the frame when the glazing bar slots are no longer exposed at the ends.

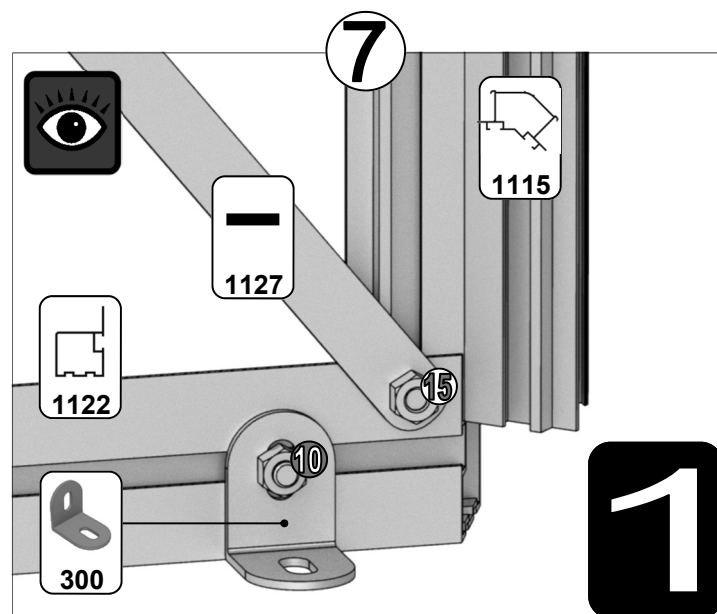
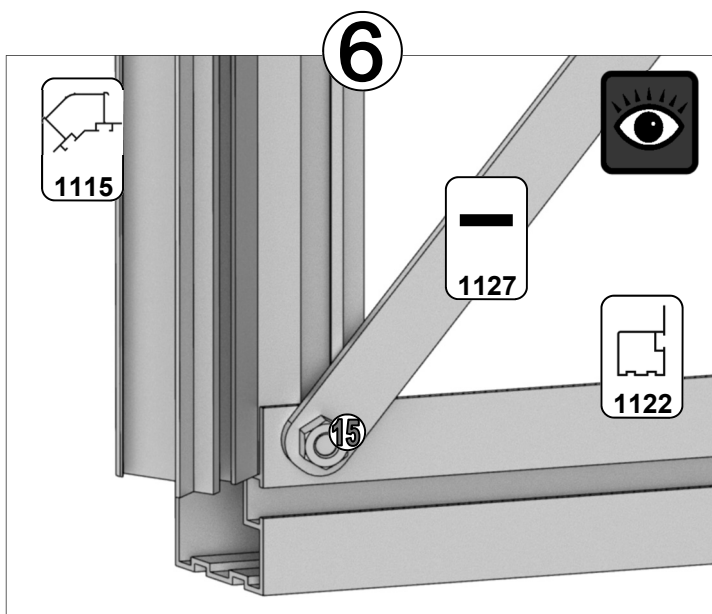
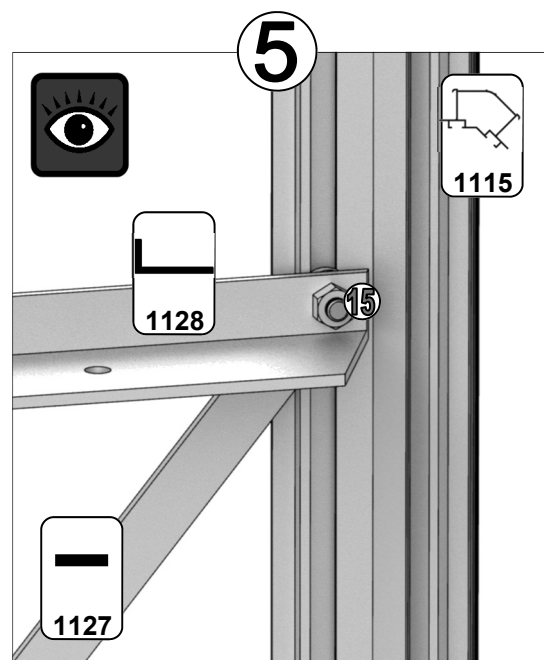
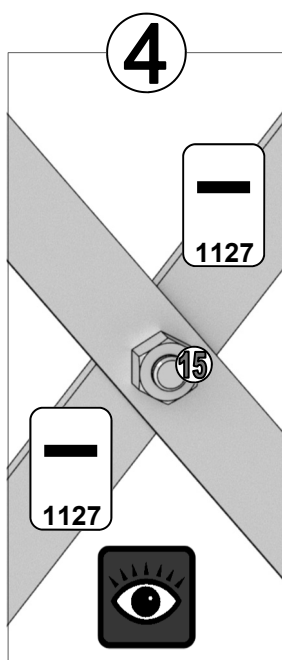
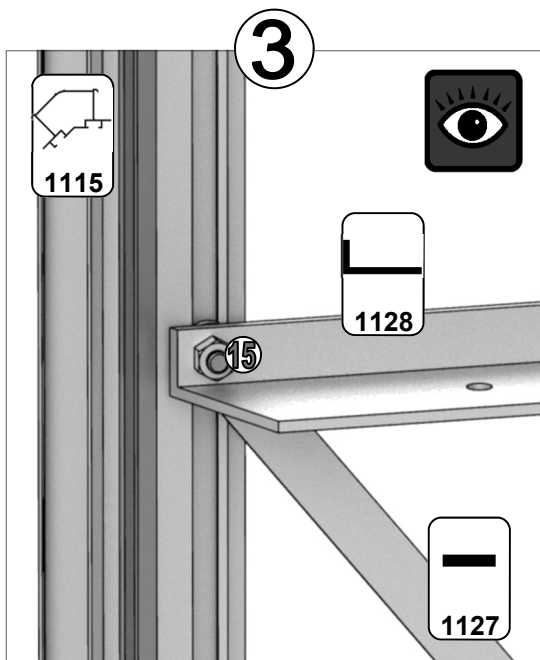
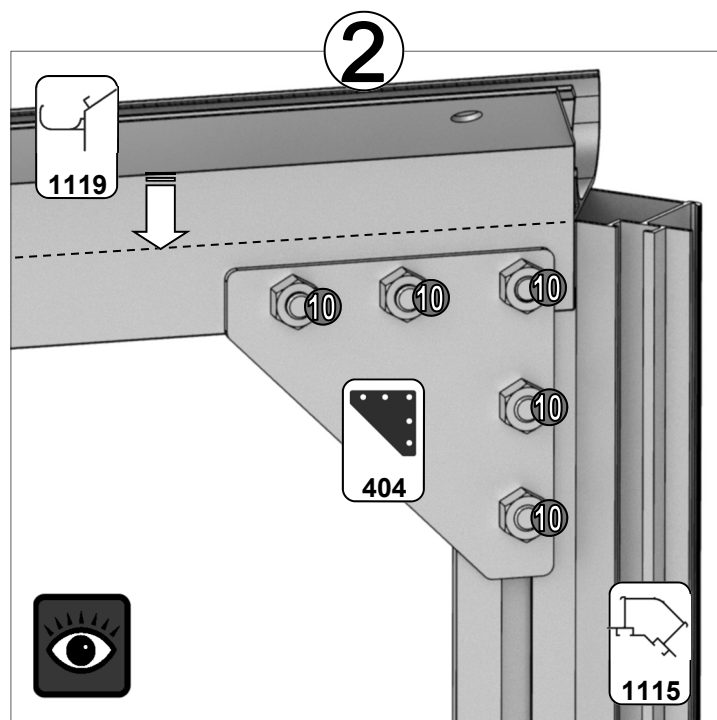
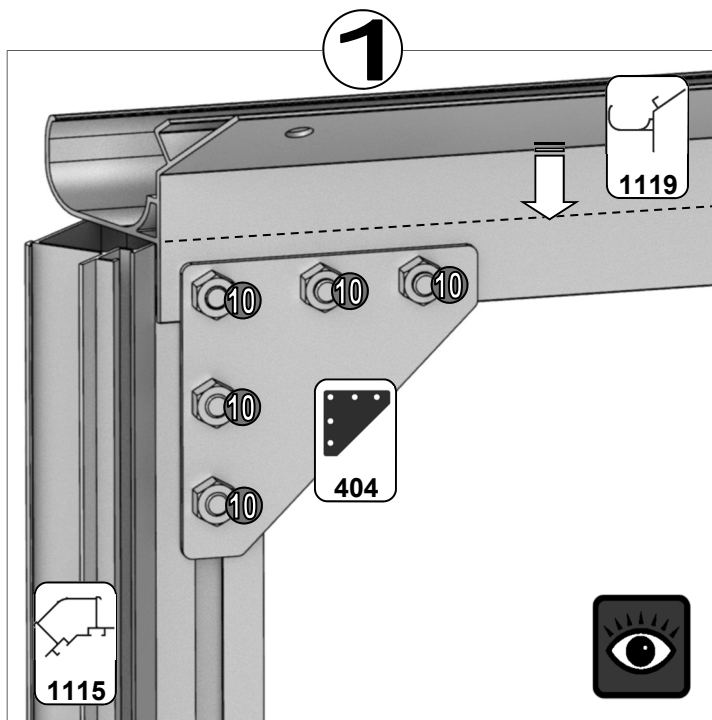
IMPORTANT: Please do NOT over tighten any of the nuts during construction as they can cause the aluminium bolts to cross thread and possibly snap. You are best to keep the nuts just over finger tight during frame assembly to allow the frame to move and settle into its intended shape. You can then carefully give the nuts an extra half turn with a spanner prior to adding the nut cap covers towards the end of the build.



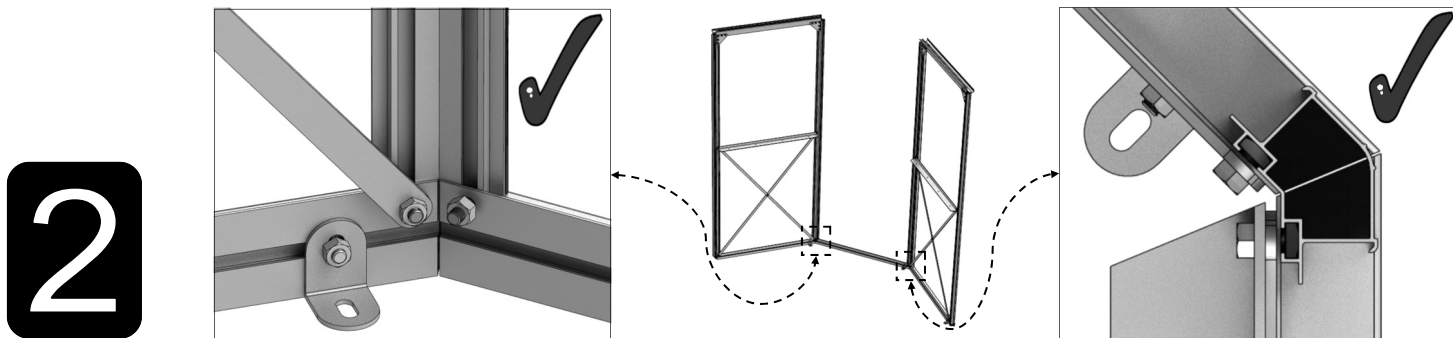
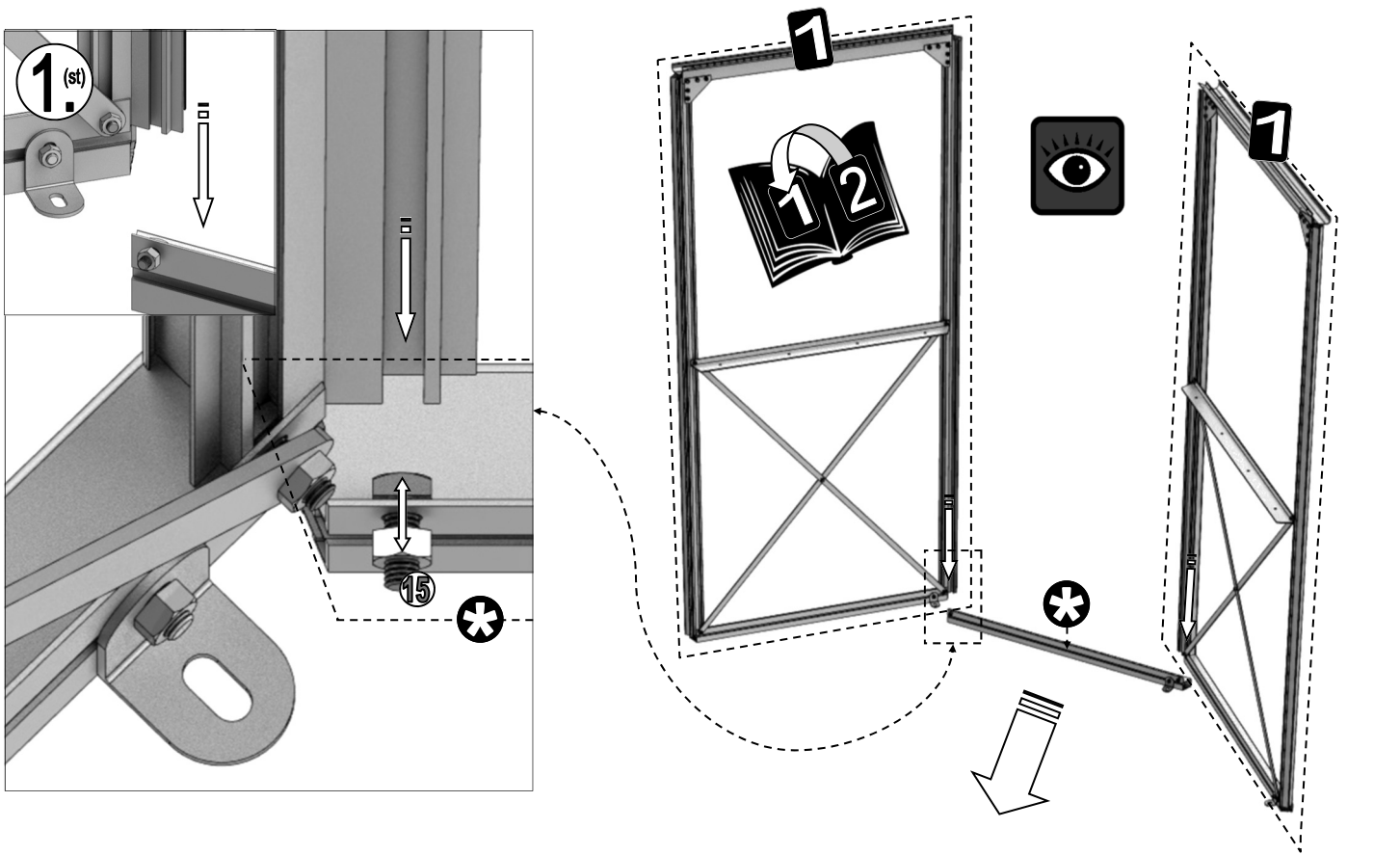
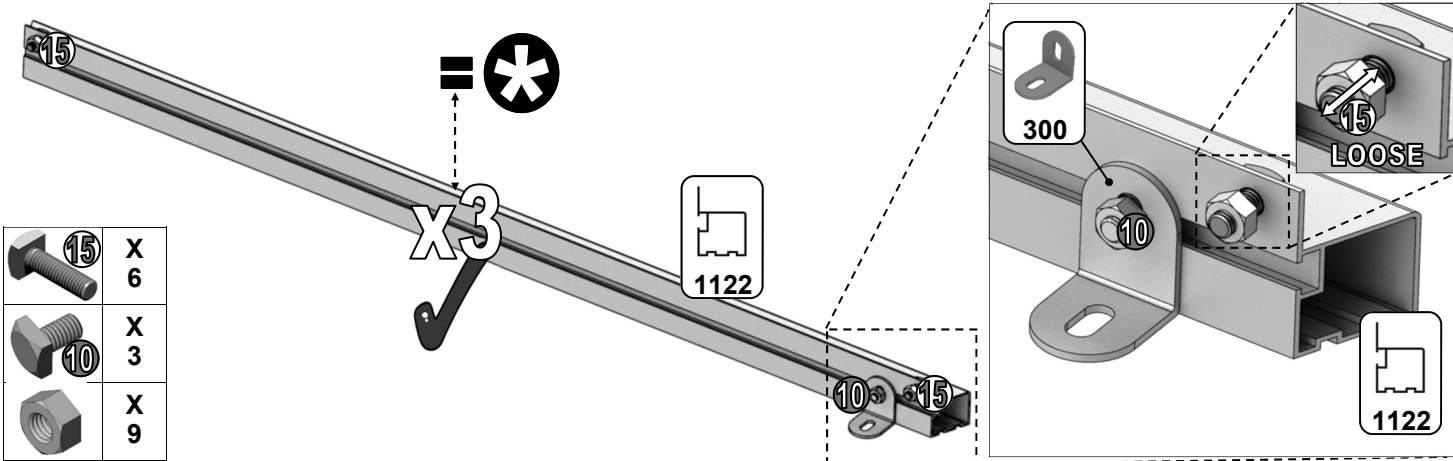


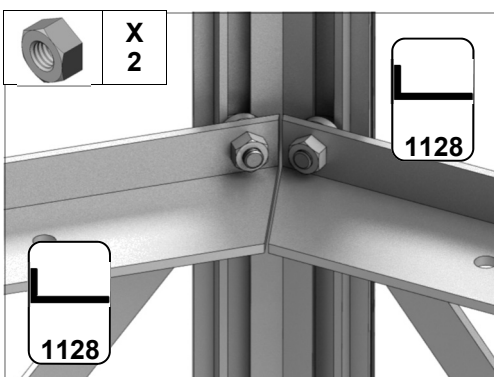
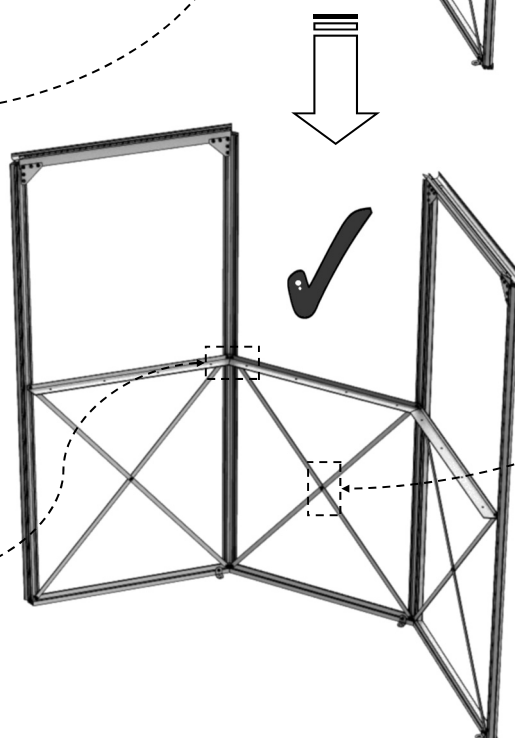
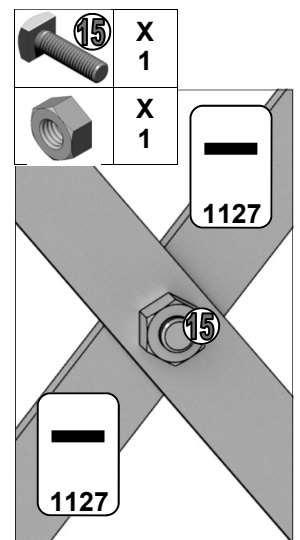
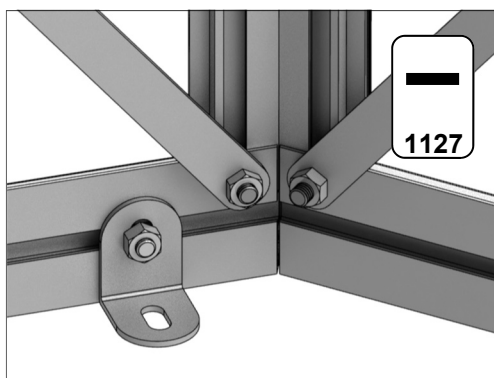
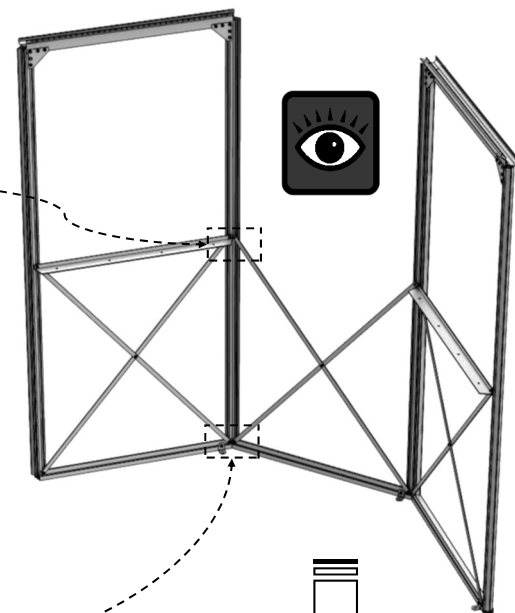
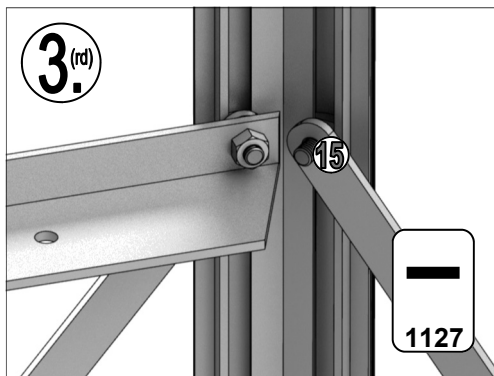
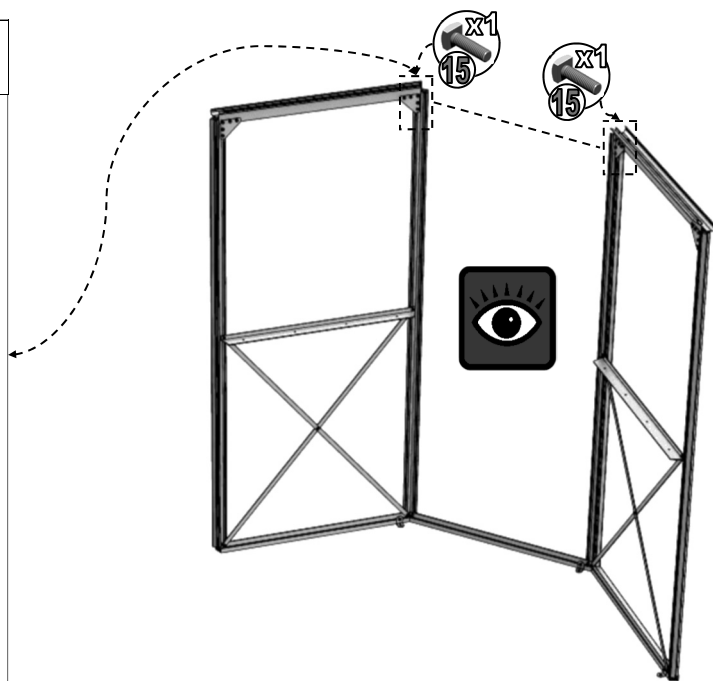
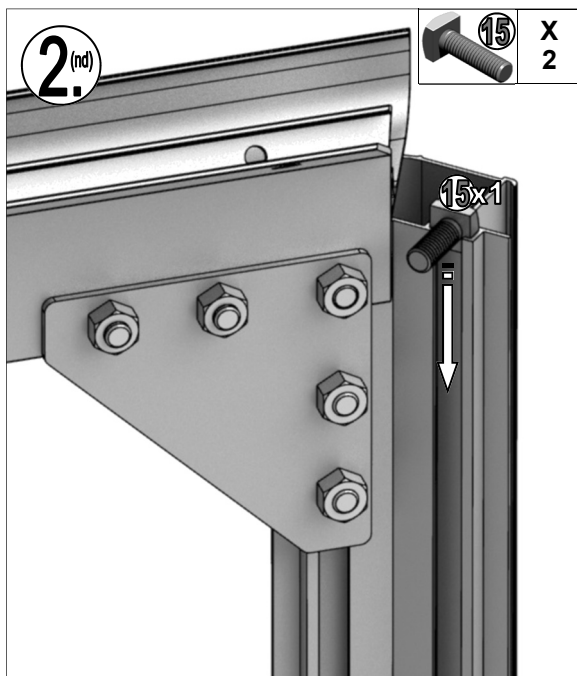
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	Detail										
	Length 'mm'	1802	801	790	1133	762	N/A	N/A	10	15	N/A
	Quantity	8	4	4	8	4	4	8	44	20	64



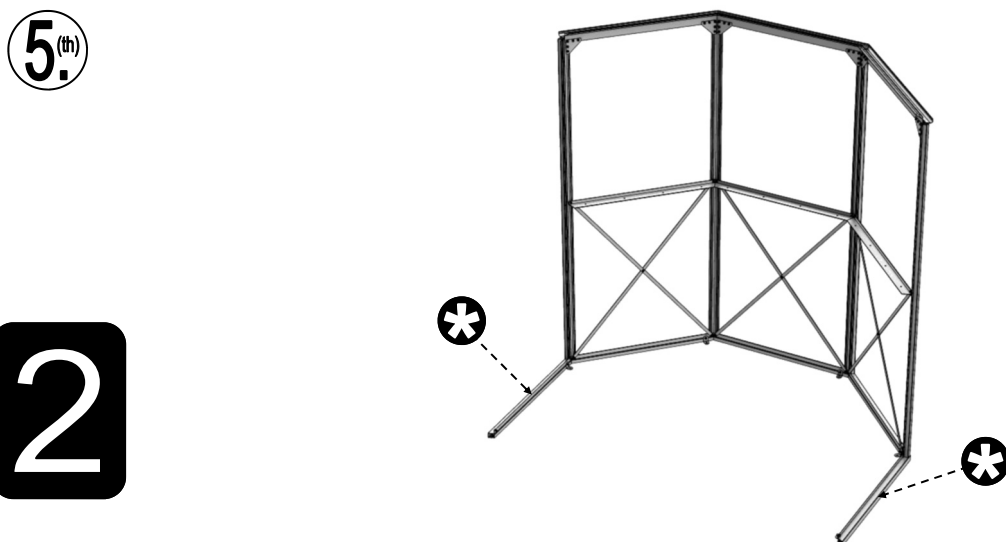
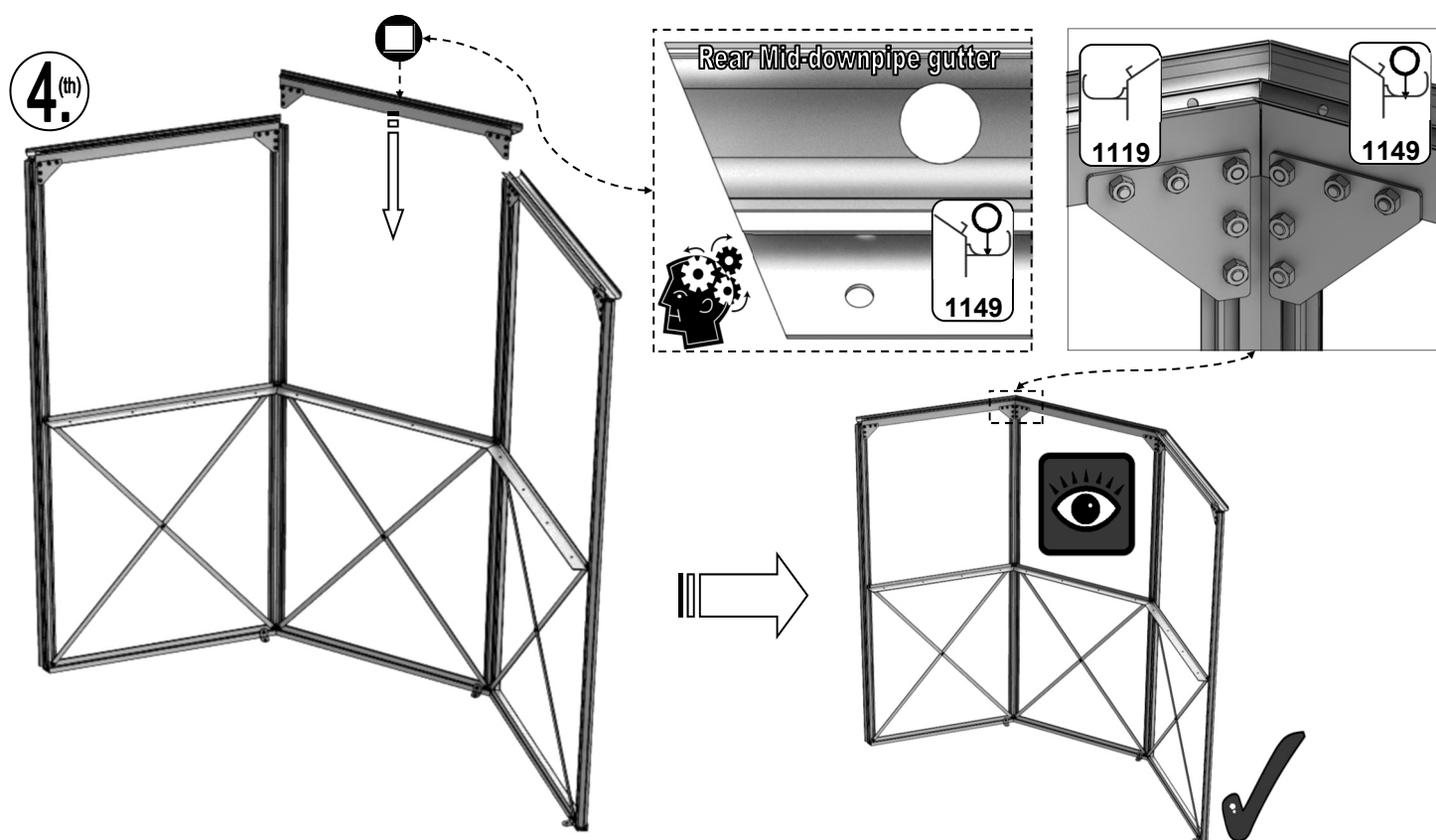
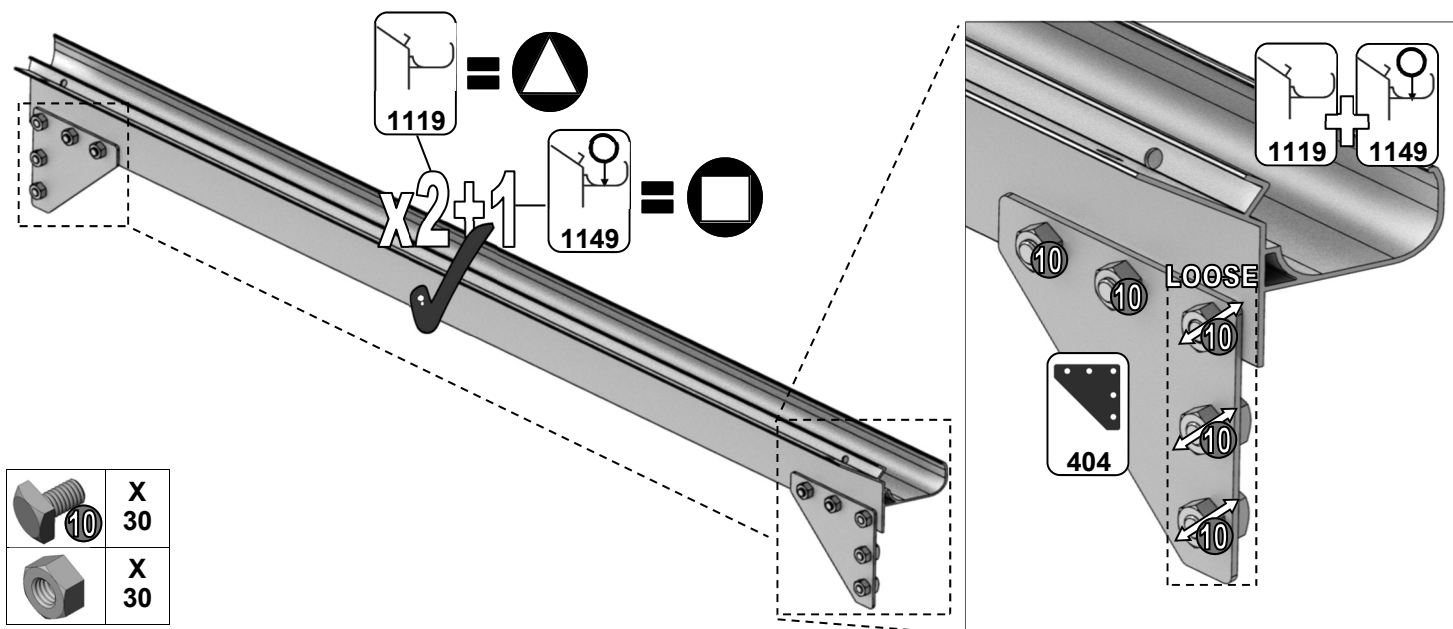


	Part No	SY1119	SY1122	SY1127	SY1128	SY1149	HE300	HE404	SYBOL M6X11	SYBOL M6X15	SYNUT M6
2	Detail										
	Length 'mm'	801	790	1133	762	801	N/A	N/A	10	15	N/A
	Quantity	2	3	2	3	1	3	6	33	13	46

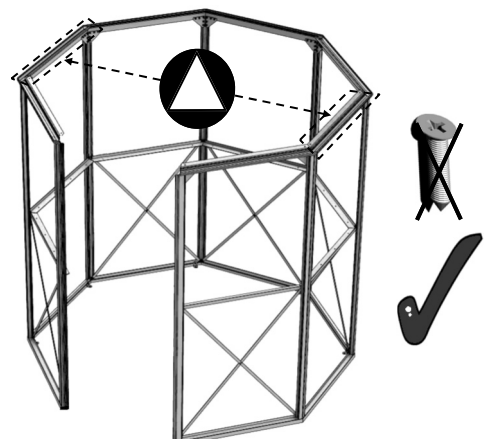
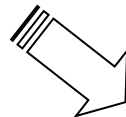
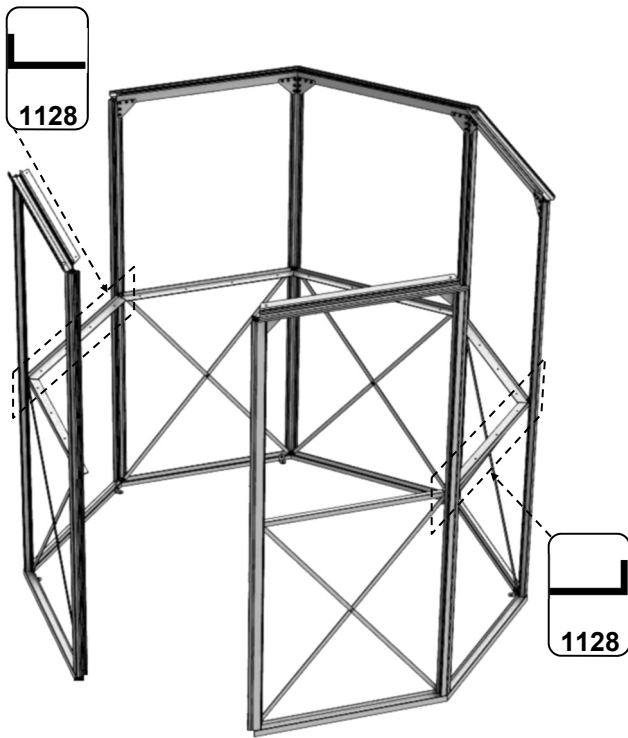
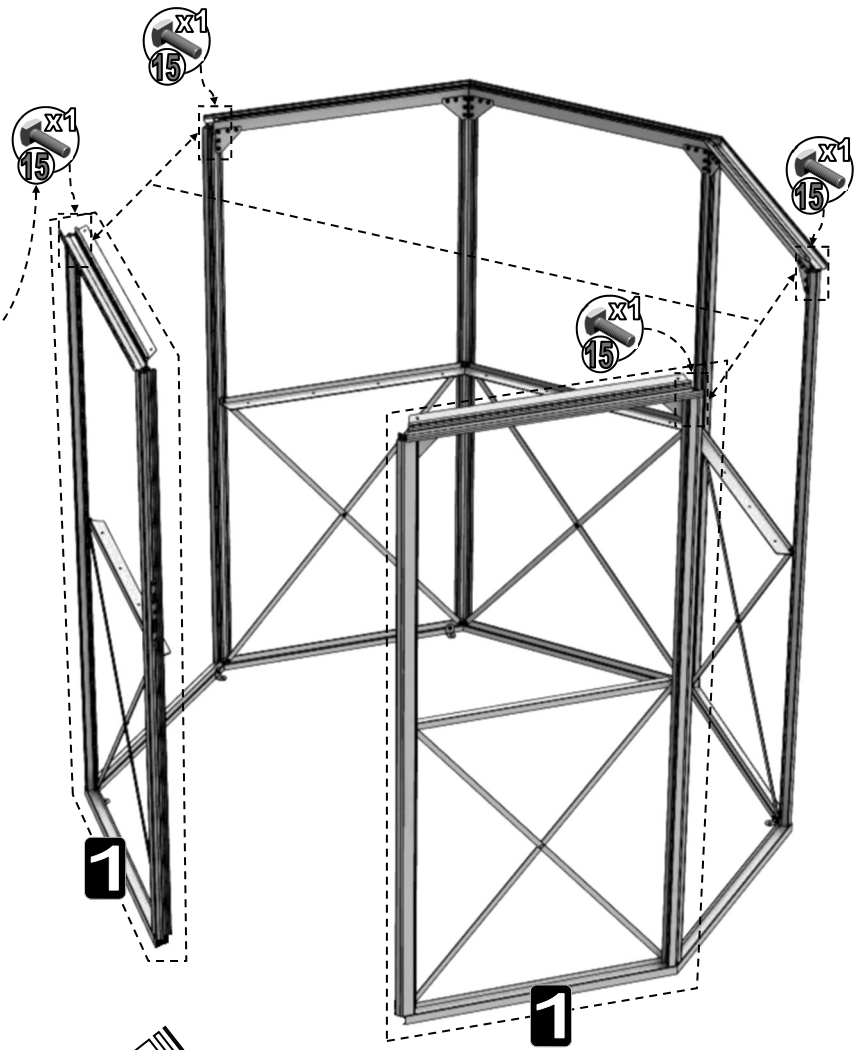
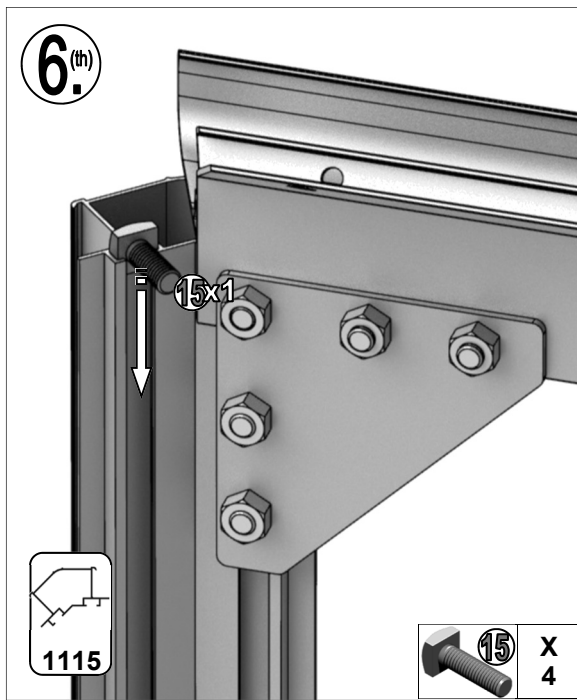




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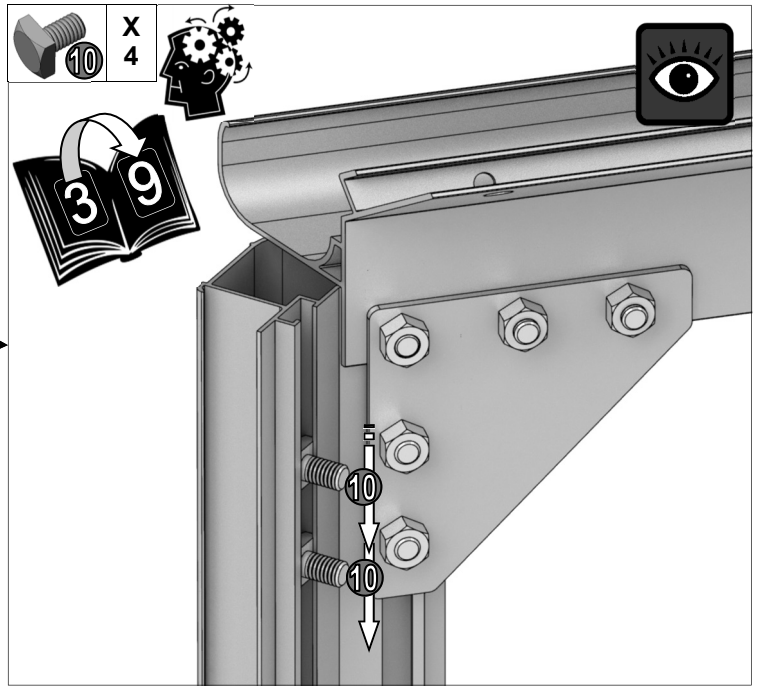
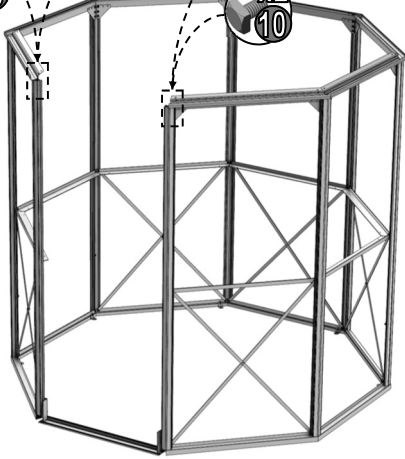
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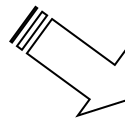
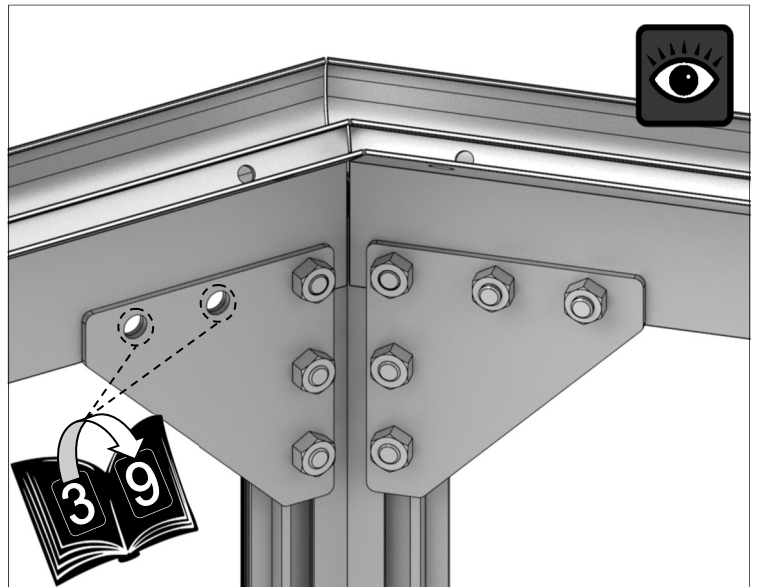
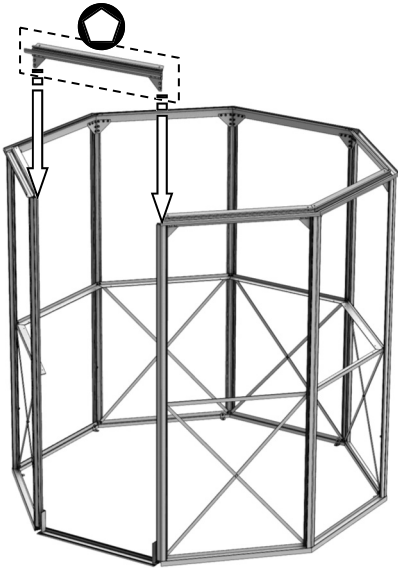
3.rd

X2
10

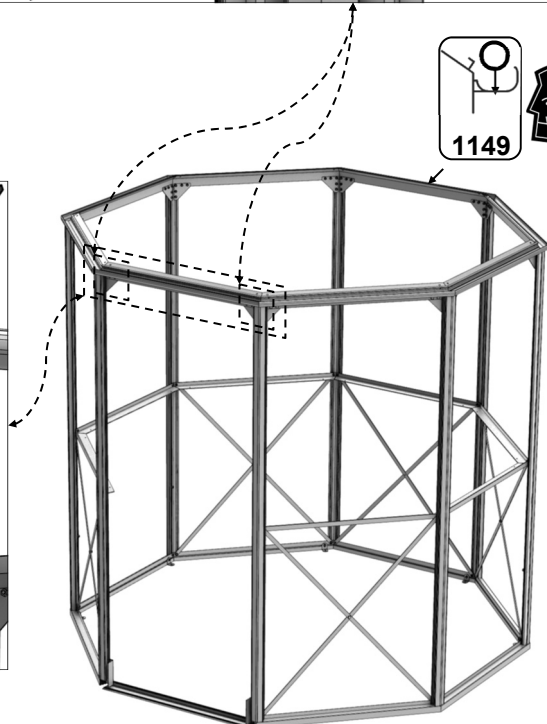
X2
10



4.th

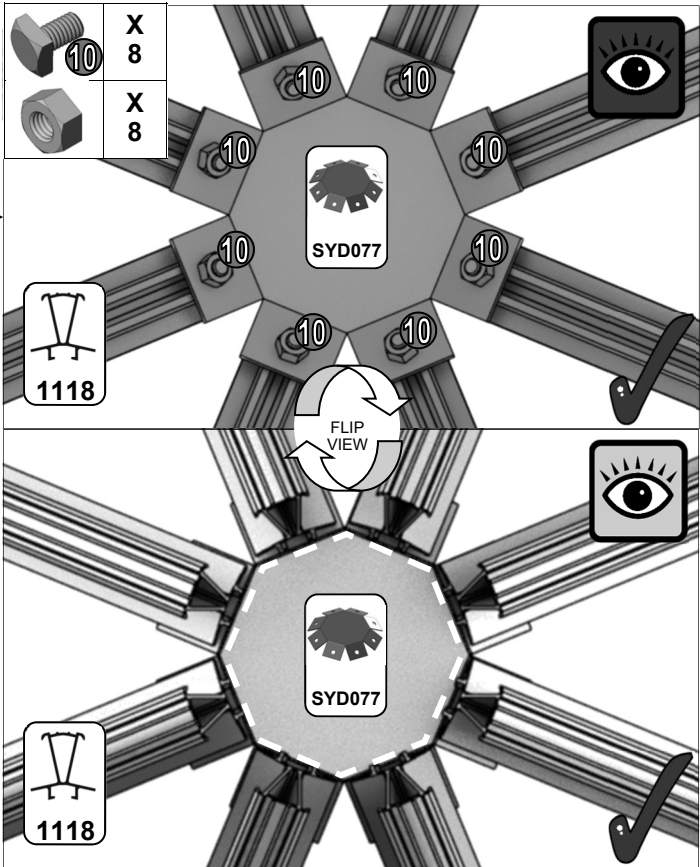
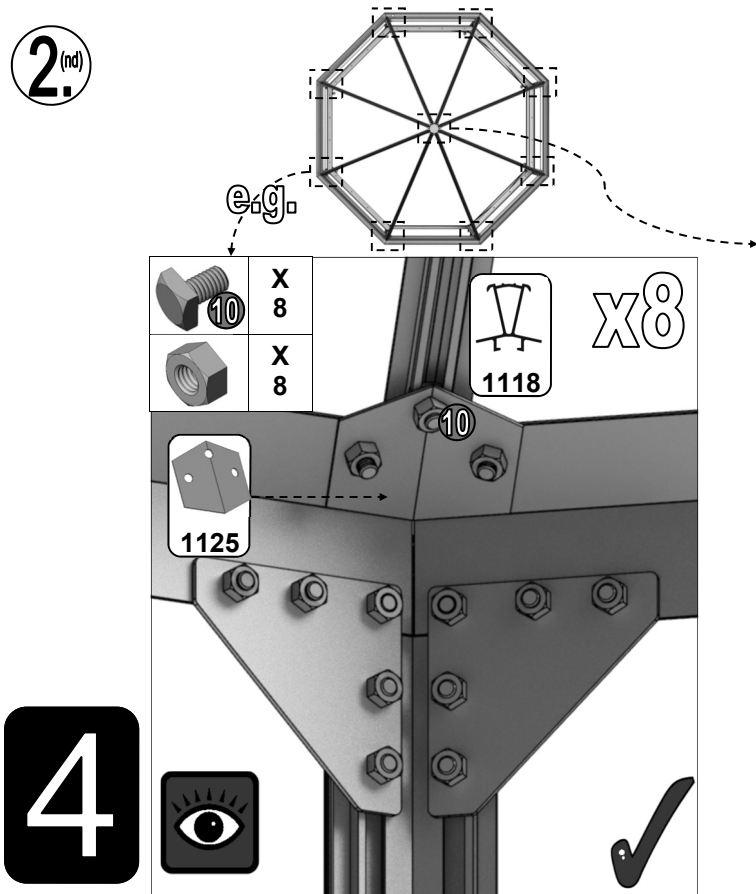
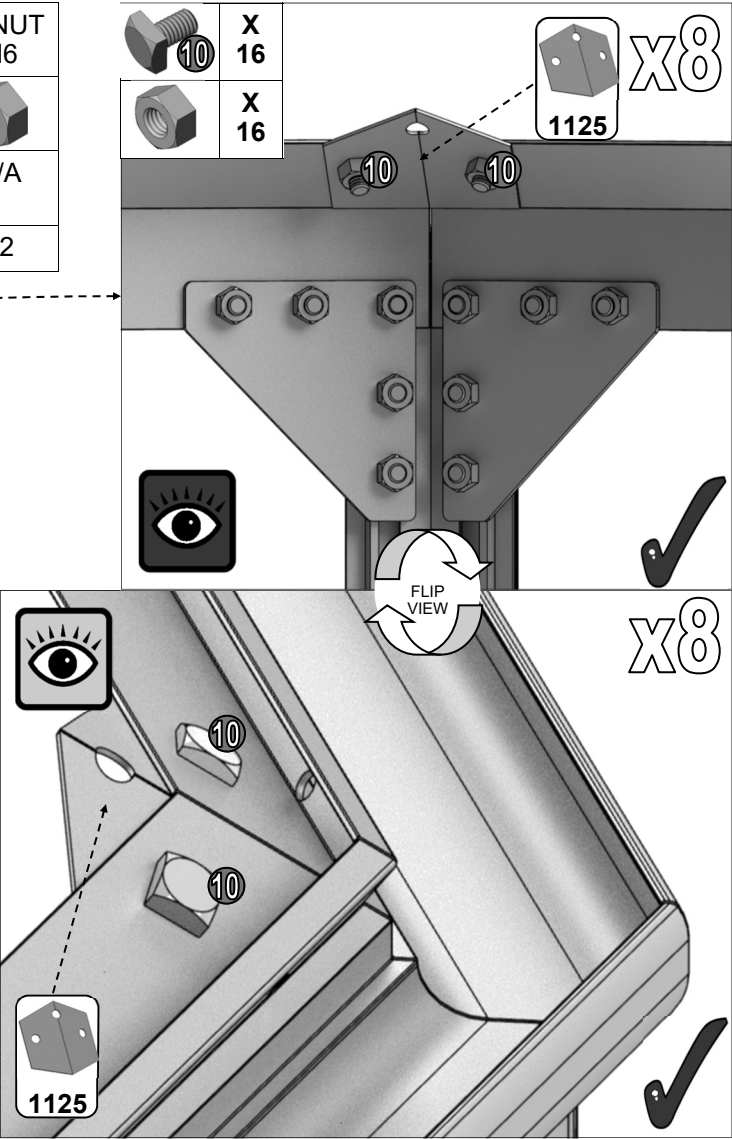
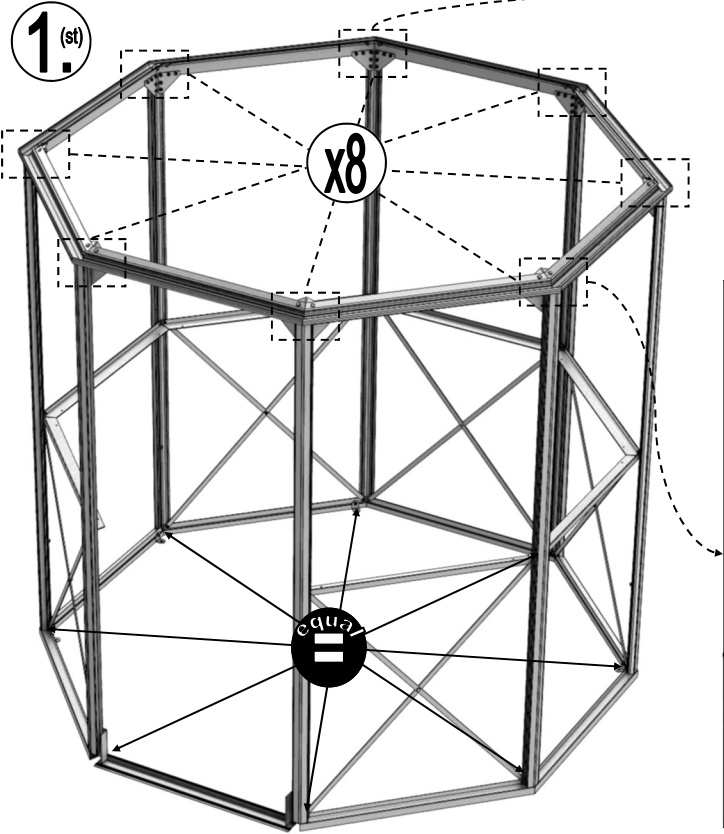


1149



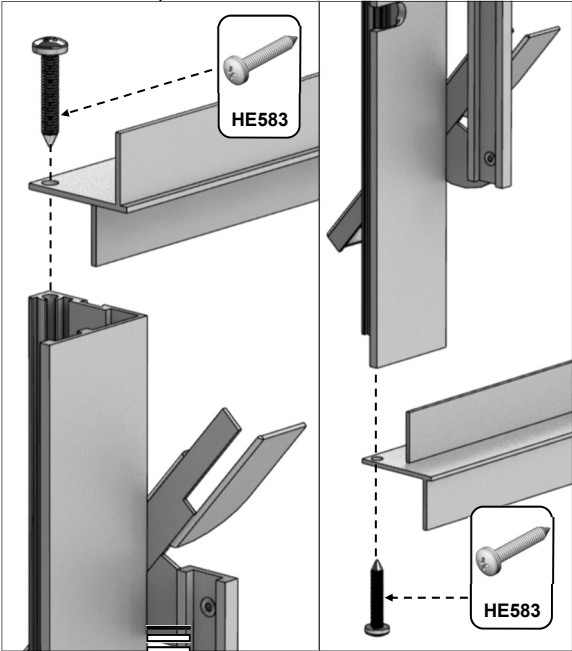
3

4	Part No	SY1118	SY1125	D077	SYBOL M6X11	SYNUT M6
	Detail					
	Length 'mm'	1130	N/A	N/A	10	N/A
	Quantity	8	8	1	32	32

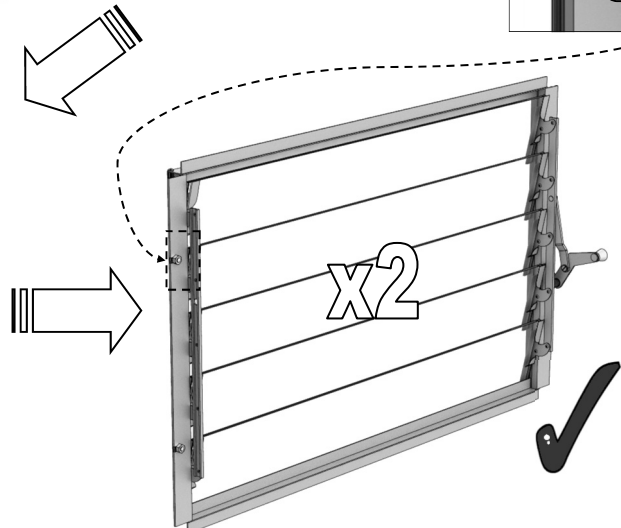
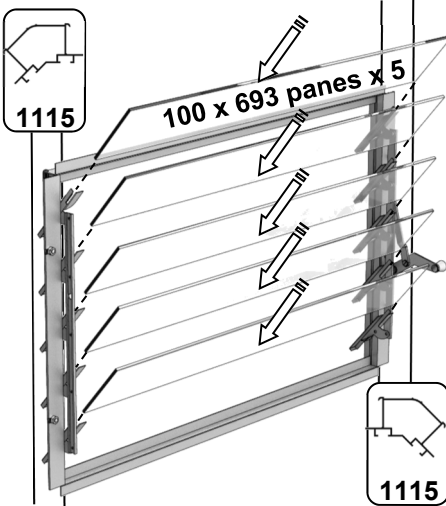
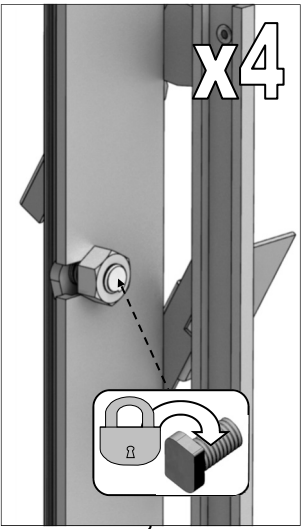
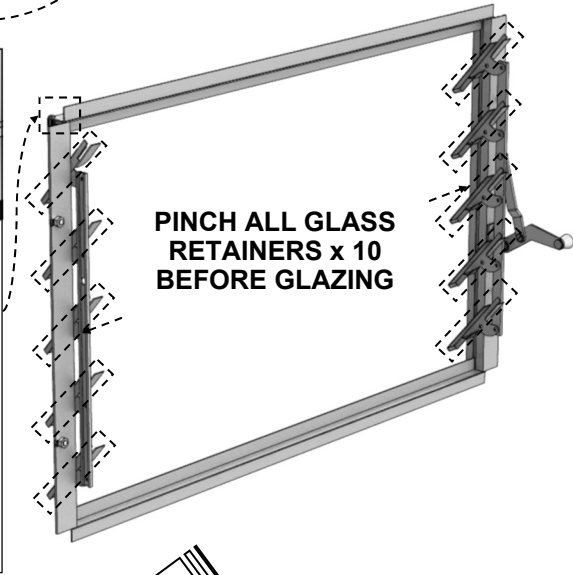
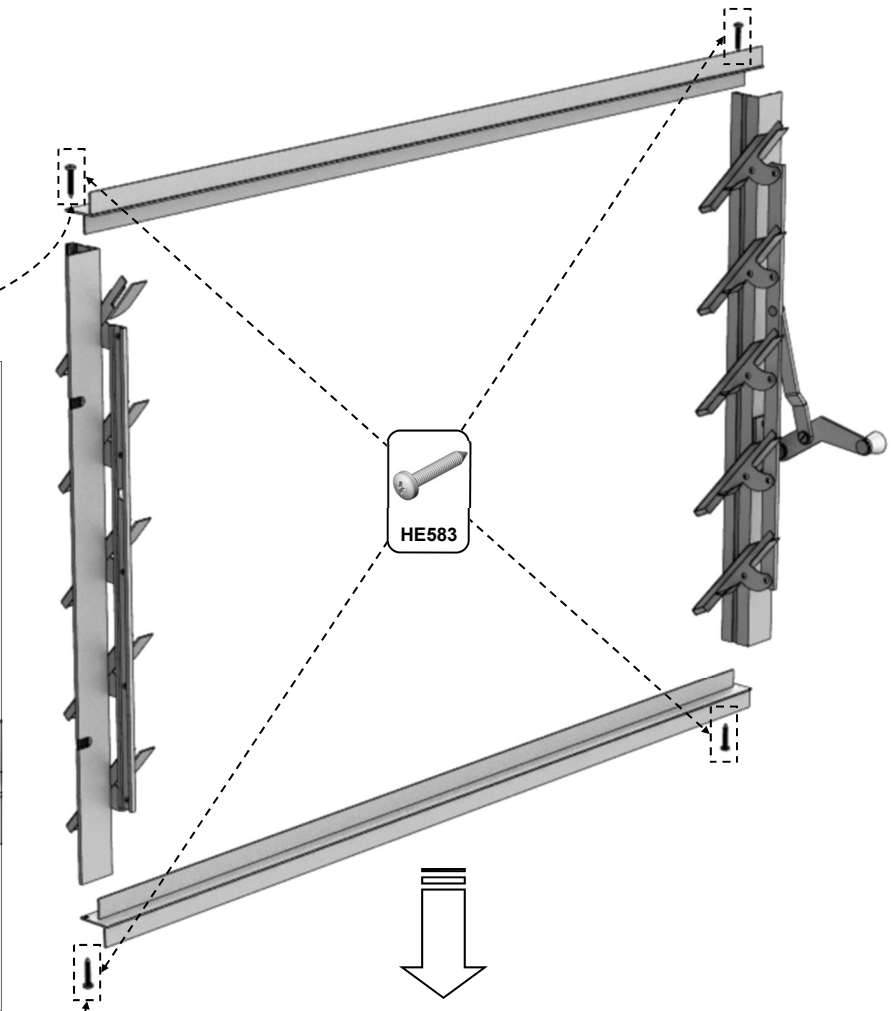
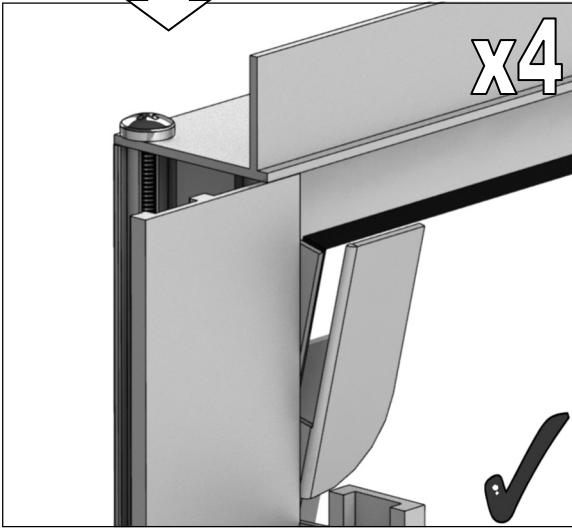


5

Part No	HE583	SYBOL M6X11 CROP	SYNUT M6
Detail			
Length 'mm'	19	11	N/A
Quantity	4	4	4

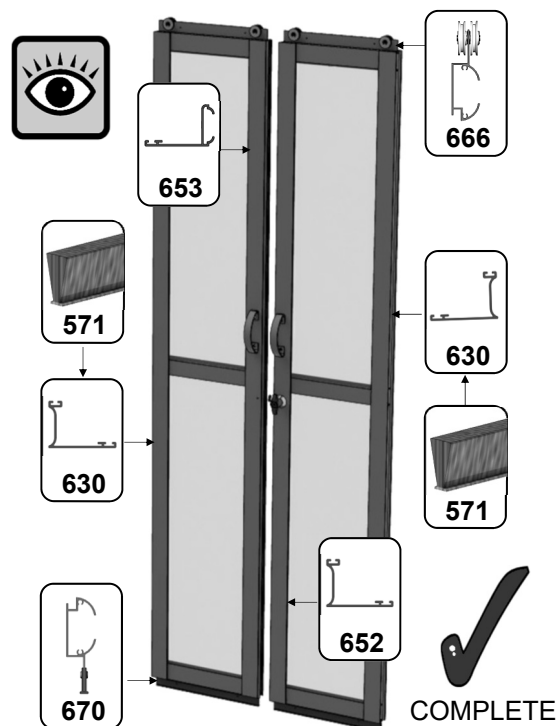
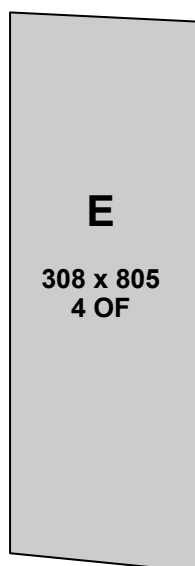


e.g.



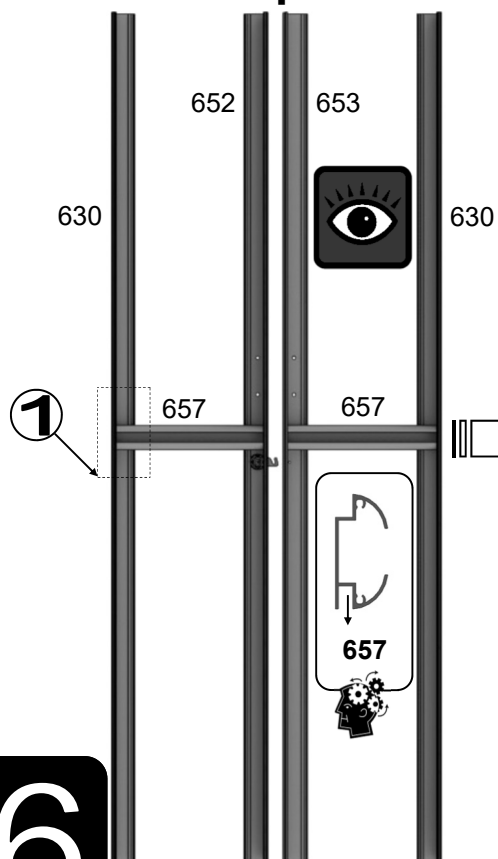
5

6	Part No	SY630	SY652	SY653	SY657	SY666	SY670	HE384	SY629 (PLASTIC)	HE571 (FLUFF)	HE583	SYBOL M6X11	SYNUT M6
	Detail												
	Length 'mm'	1730	1730	1730	365	365	365	112	795	3800	19	10	N/A
	Quantity	2	1	1	2	2	2	2	8	1	24	4	4

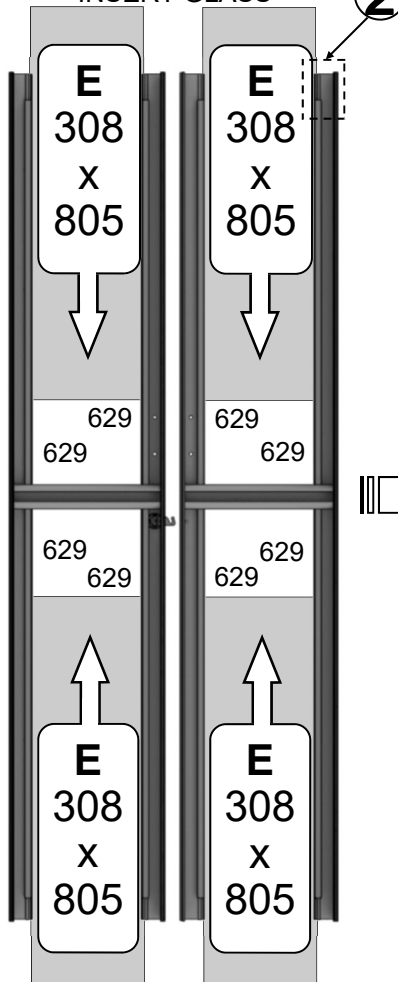


START

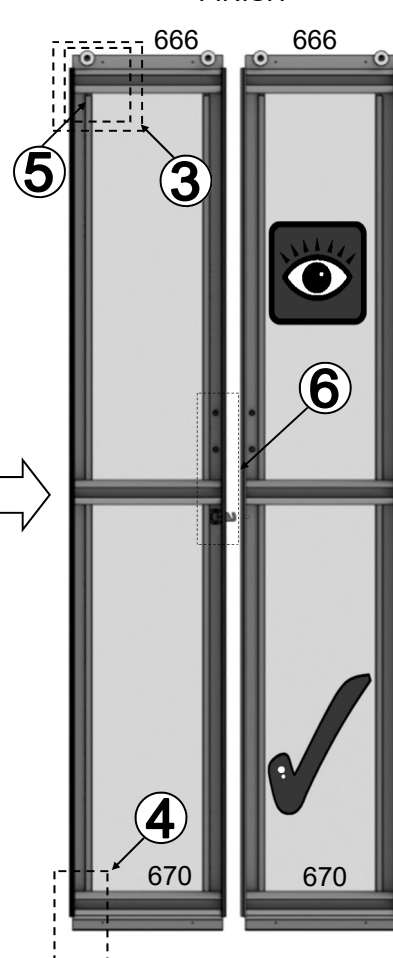
Tops

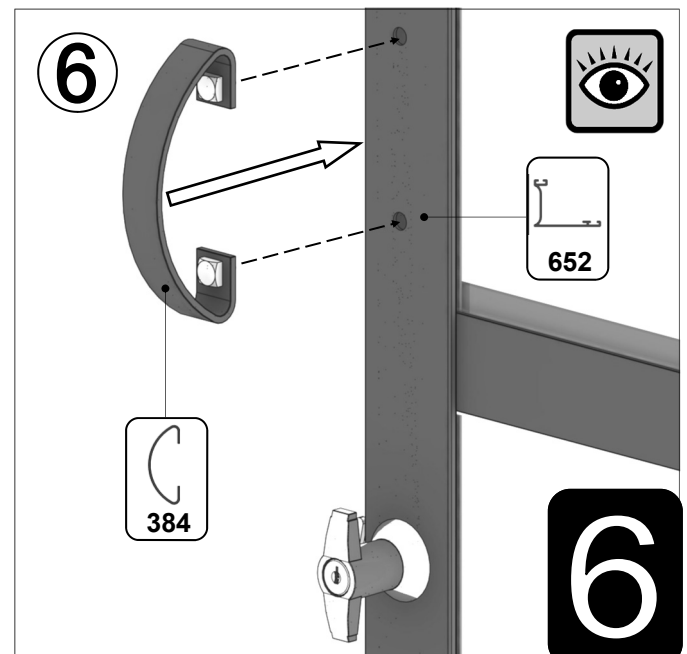
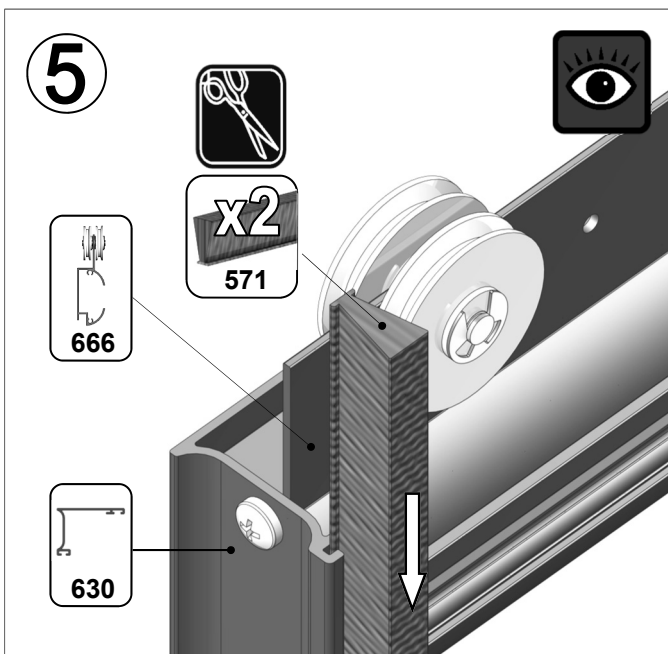
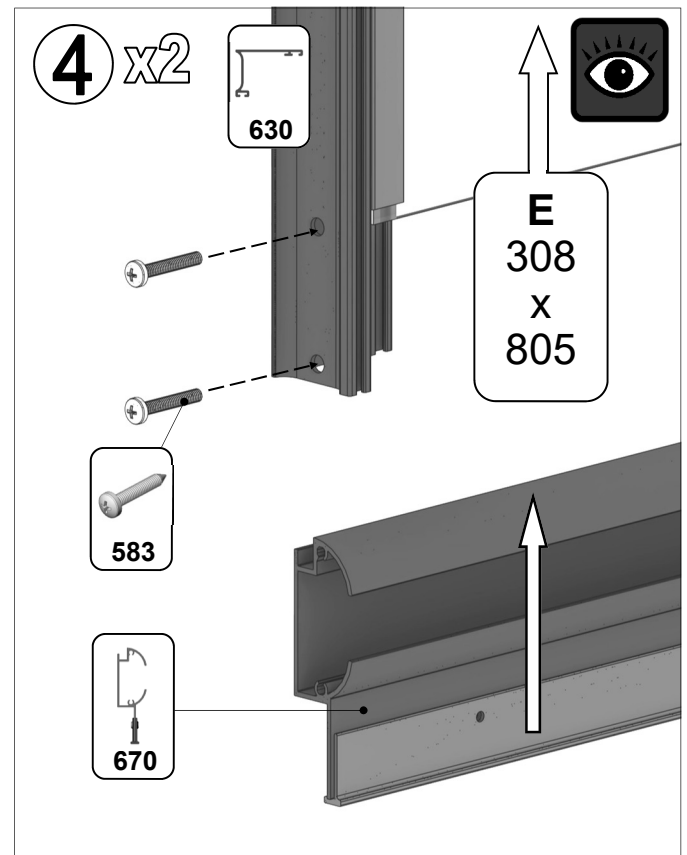
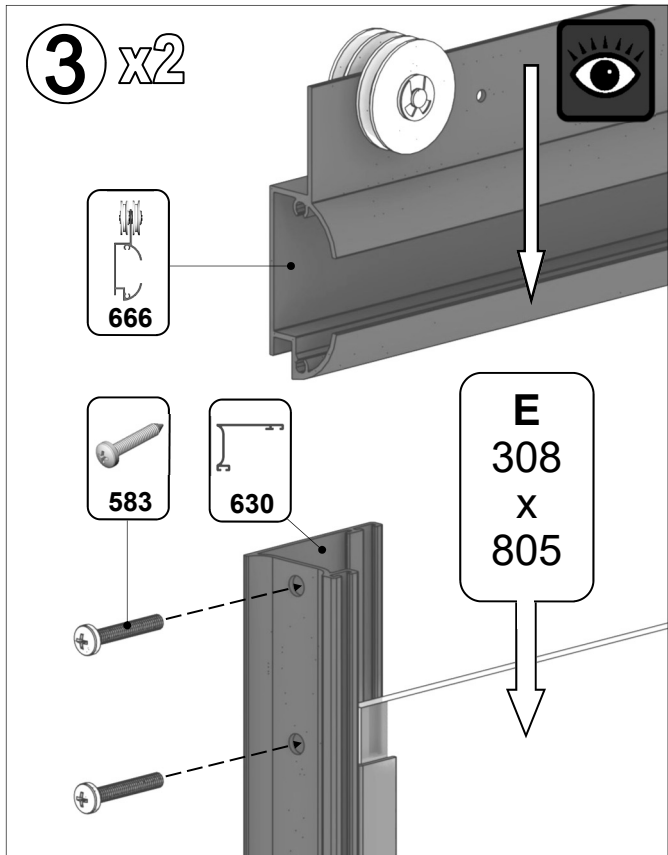
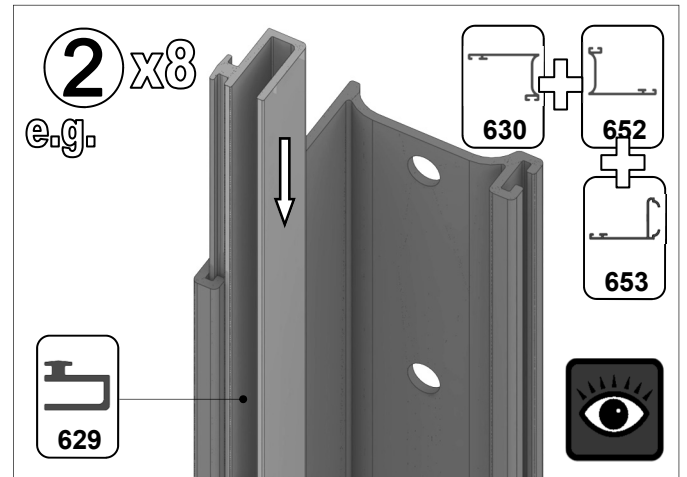
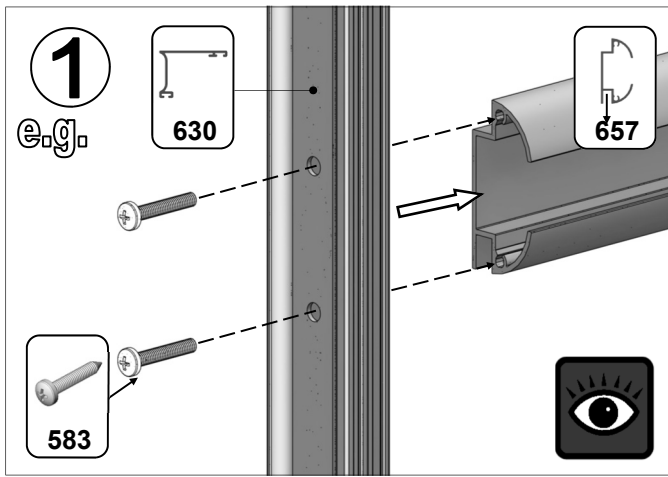


INSERT GLASS

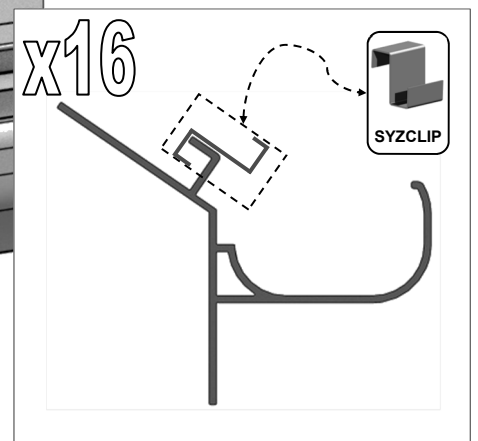
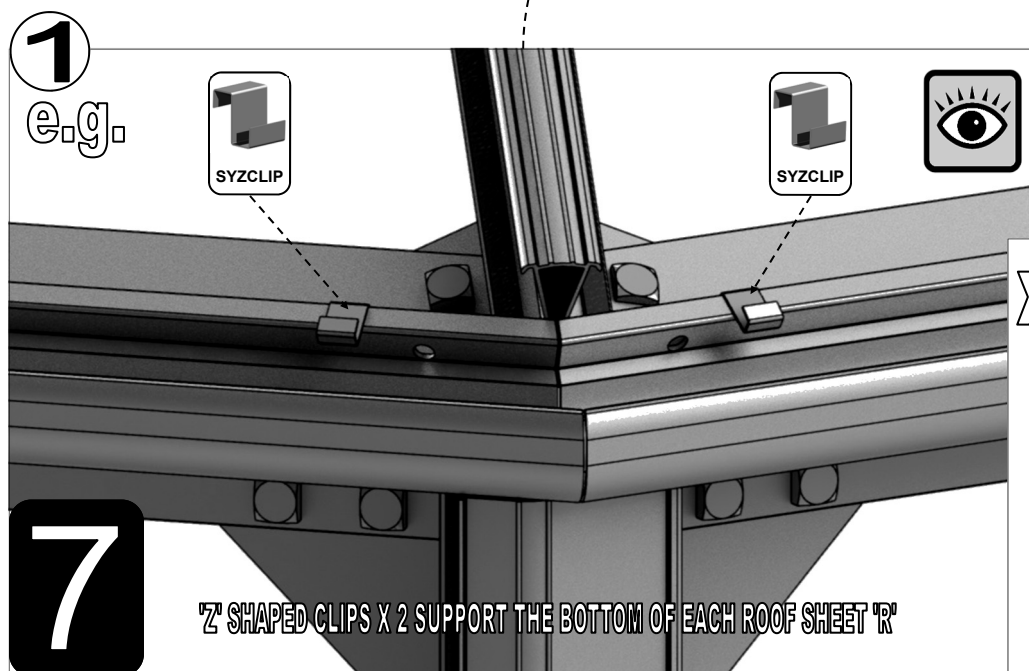
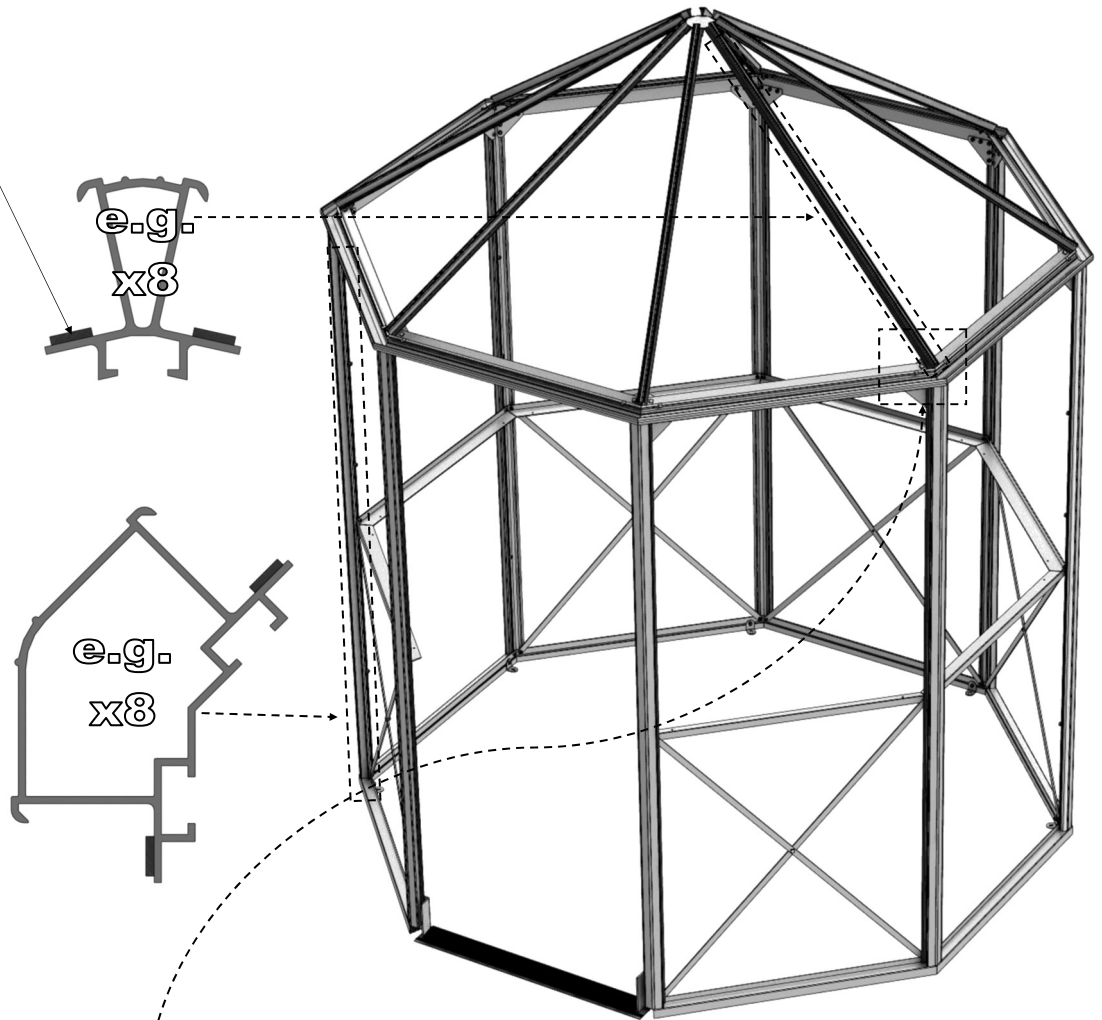


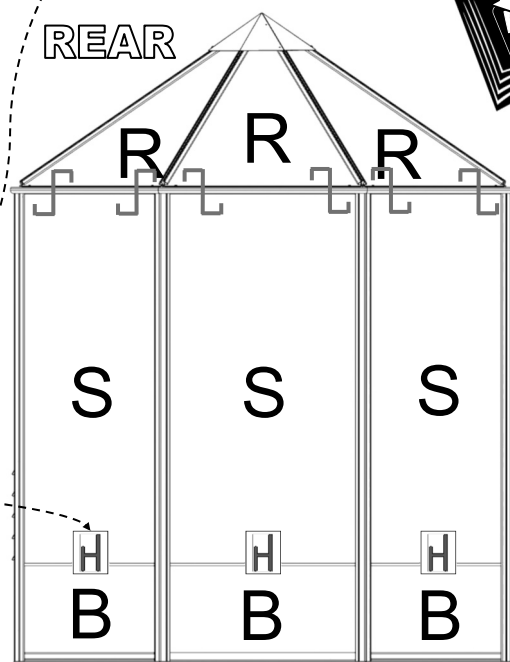
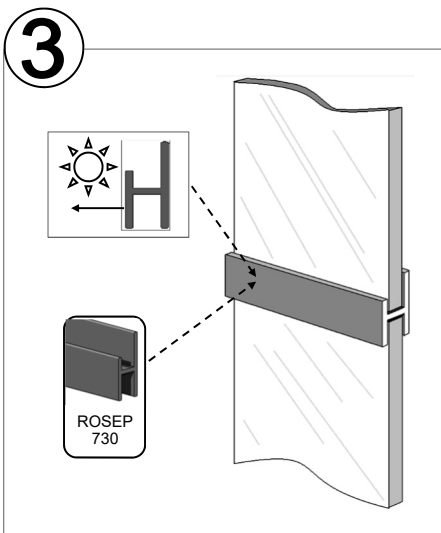
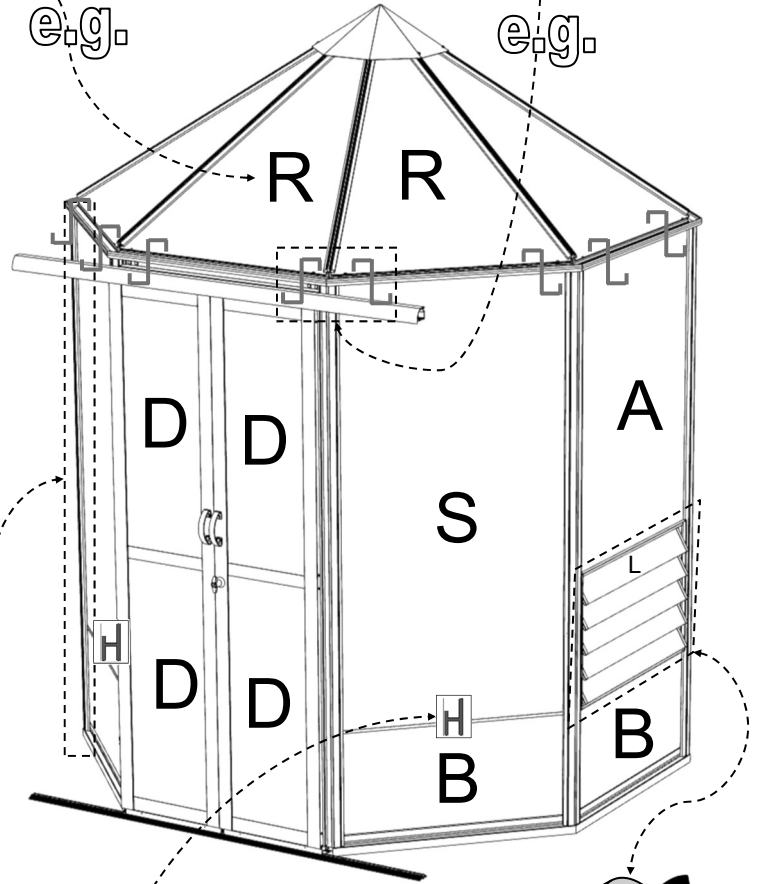
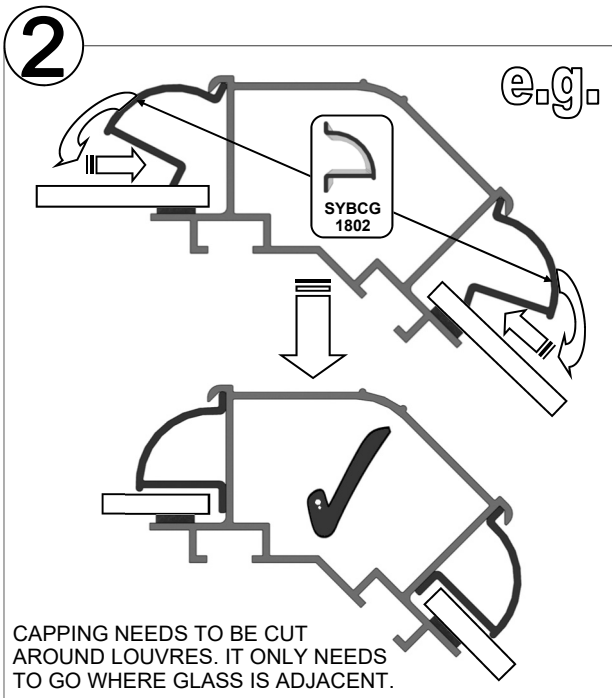
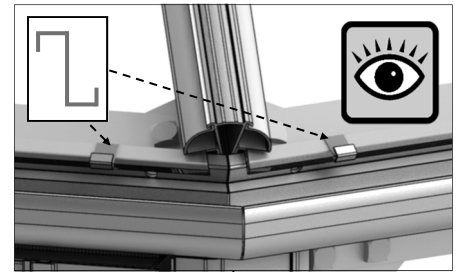
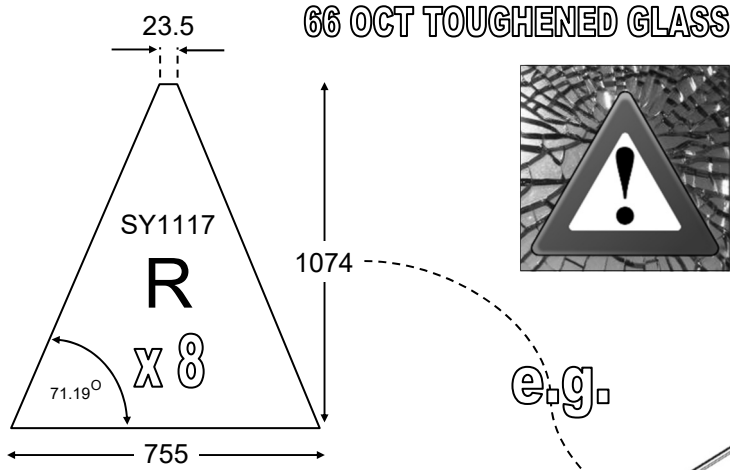
FINISH





	Part No / Pane	S	B	D	L	A	R (SY1117)	SYBCG/ W1802	SYBCG/ W1130	SYZCLI P	ROSEP 730	SY FOAM
7	Detail											
	Length 'mm'	730 x 1422	730 x 377	308 x 805	693 x 100	730 x 976	SEE DIAG.	1802	1130	n/a	730	15000
	Quantity	5	7	4	10	2	8	14	16	16	5	4





7

Part No	SY1160	EV0349	EV0328	SYBOLM6 X11CROP	SYNUT M6
Detail					
Length 'mm'	1788	726	19	11	n/a
Quantity	2	4	16	4	4

OPTIONAL STAGING

8a

Detail



Length 'mm'

1788

726

19

11

n/a

Quantity

2

4

16

4

4



e.g.



1160



e.g.



1160

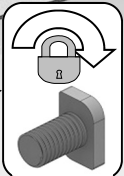
EV0349



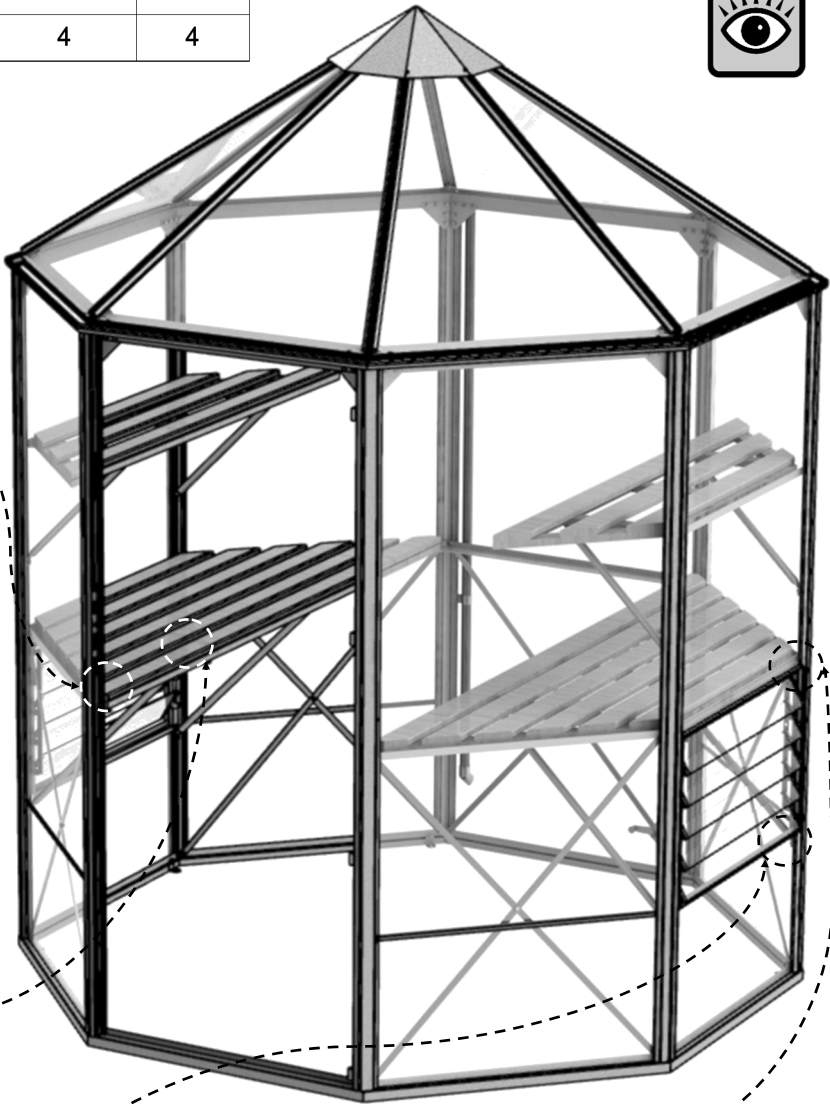
e.g.



EV0349



8a



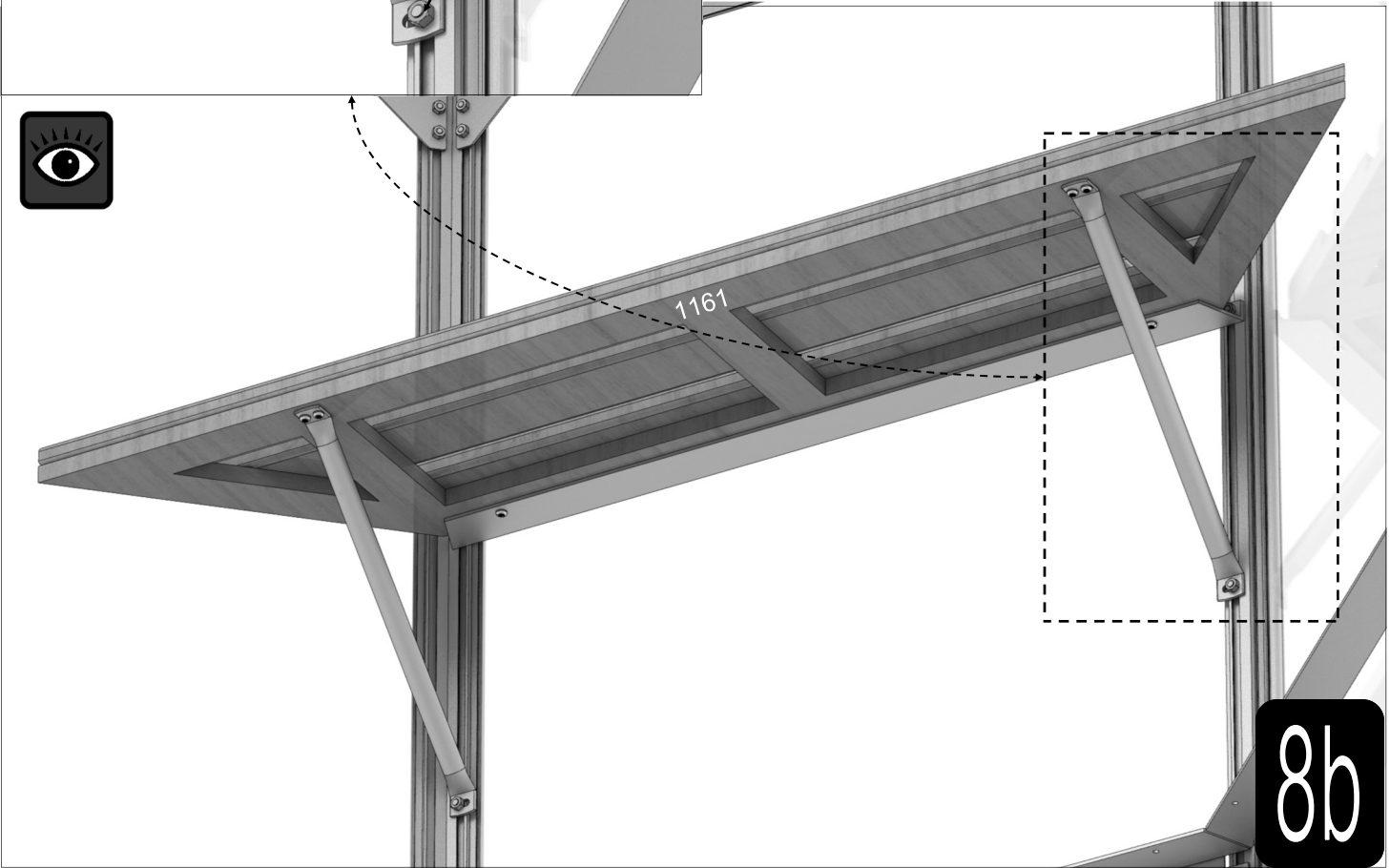
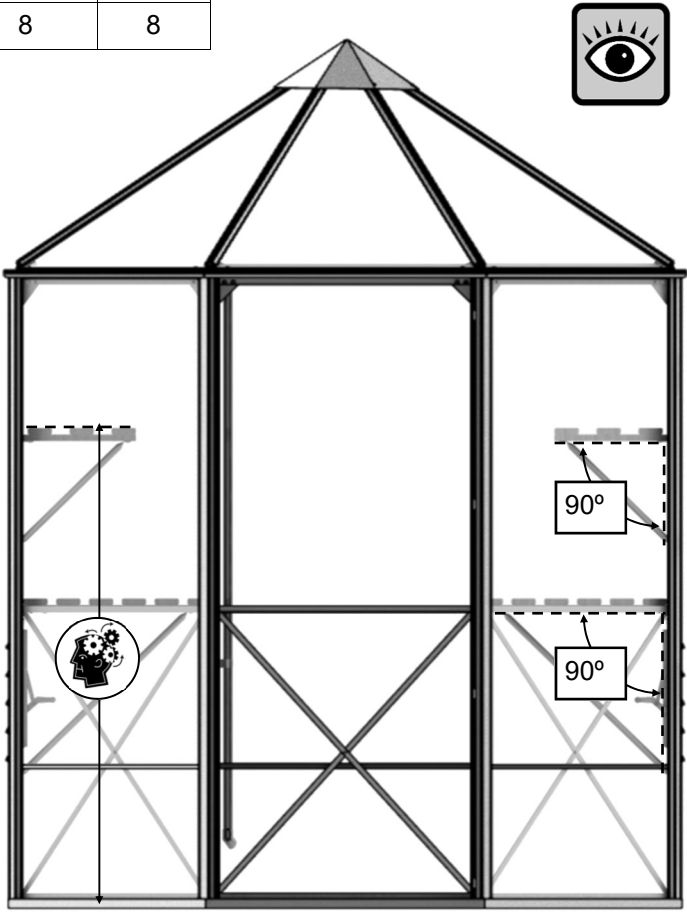
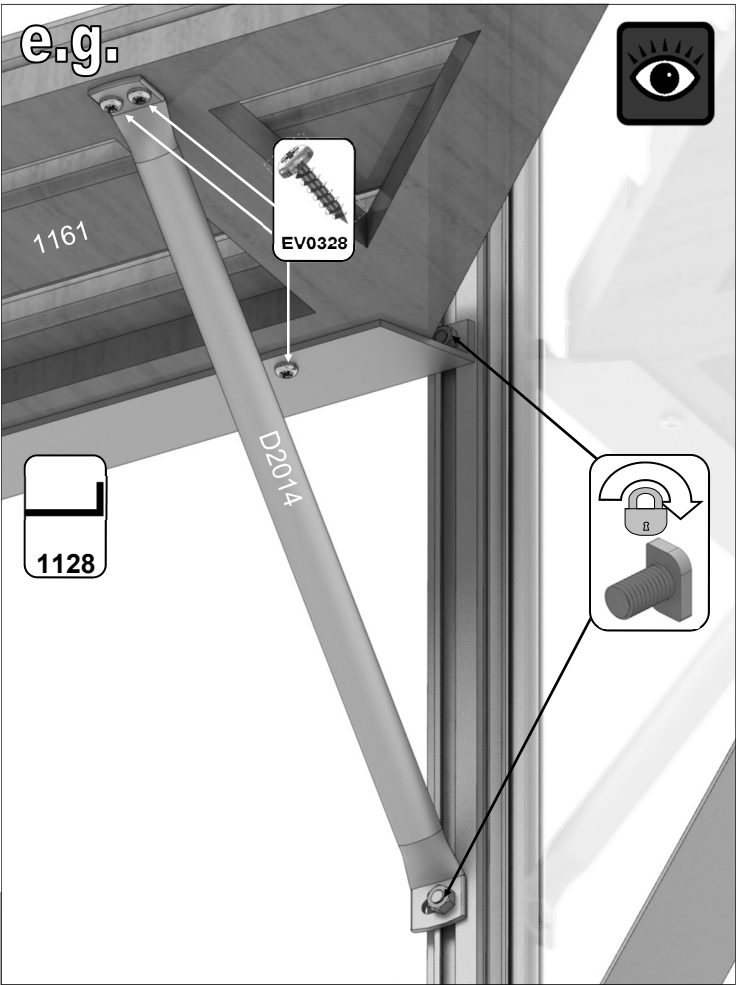
e.g.

1160



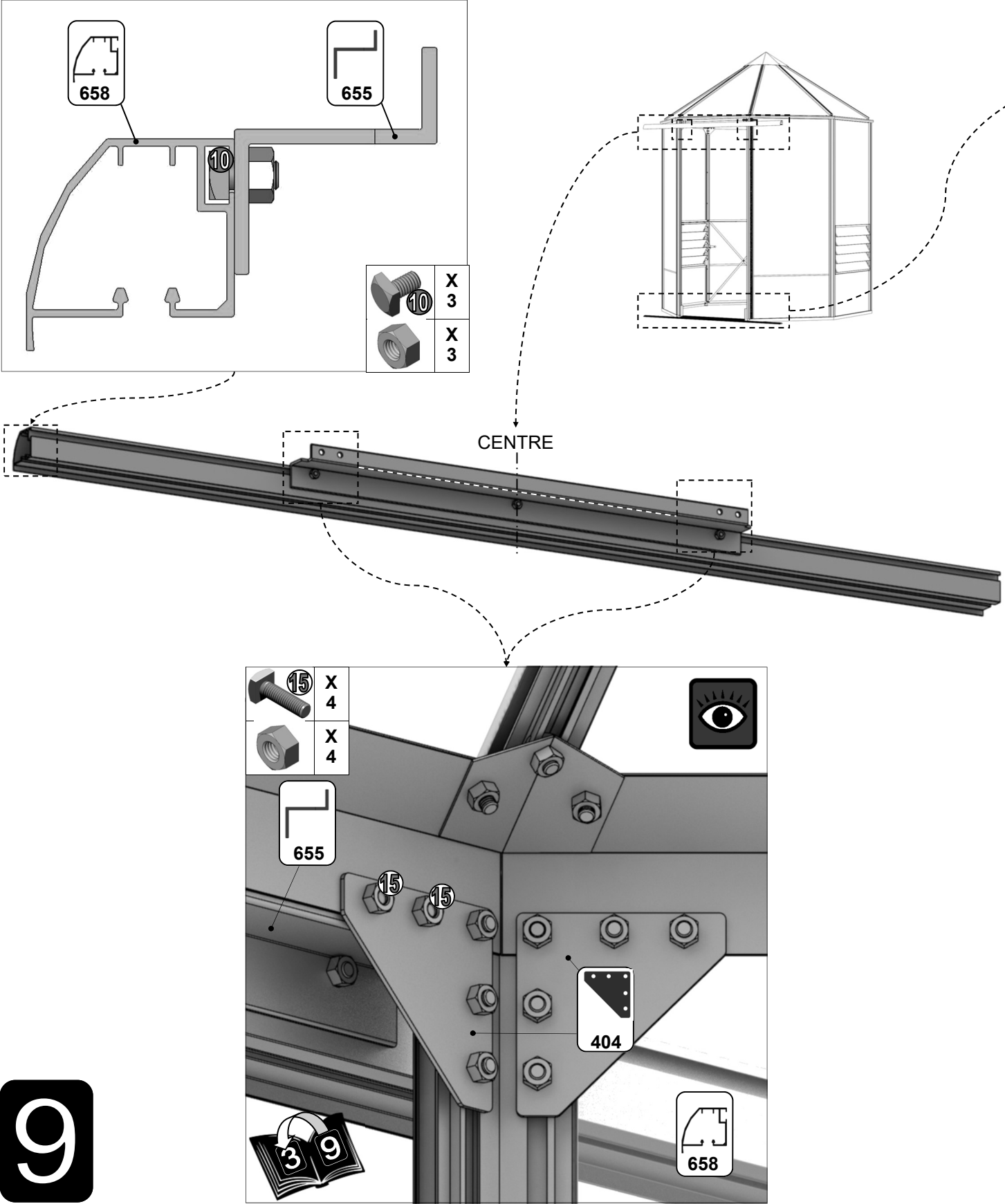
Part No	SY1161	SY1128	D2014	EV0328	SYBOLM6 X11CROP	SYNUT M6
Detail						
Length 'mm'	1248	762	385	19	11	n/a
Quantity	2	2	4	12	8	8

OPTIONAL SHELVING

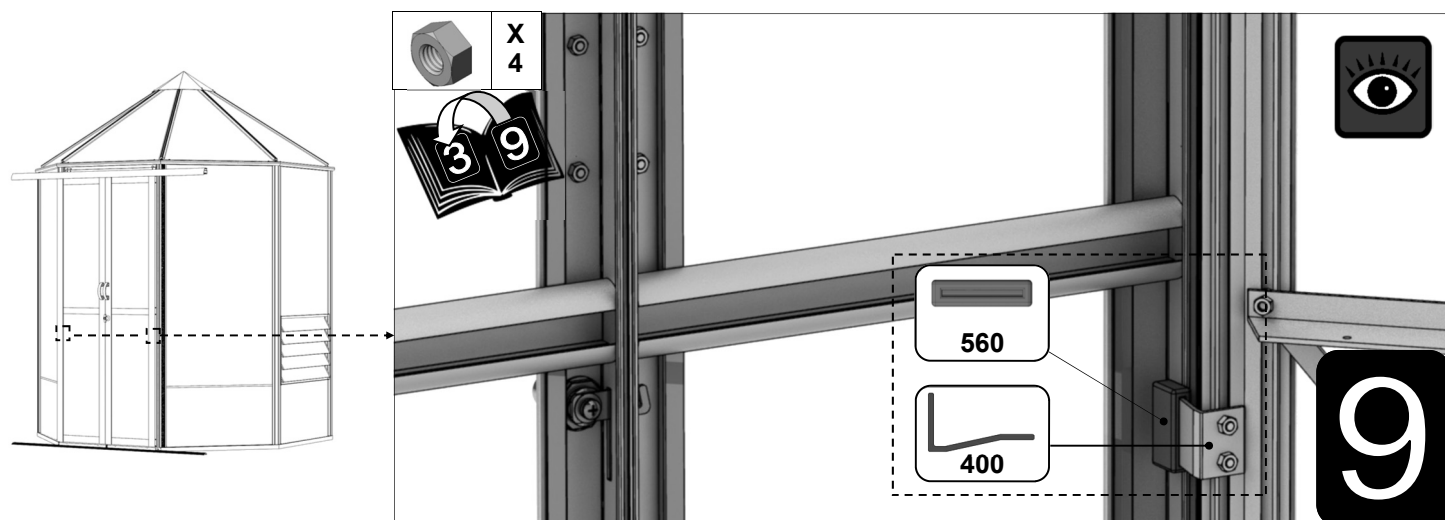
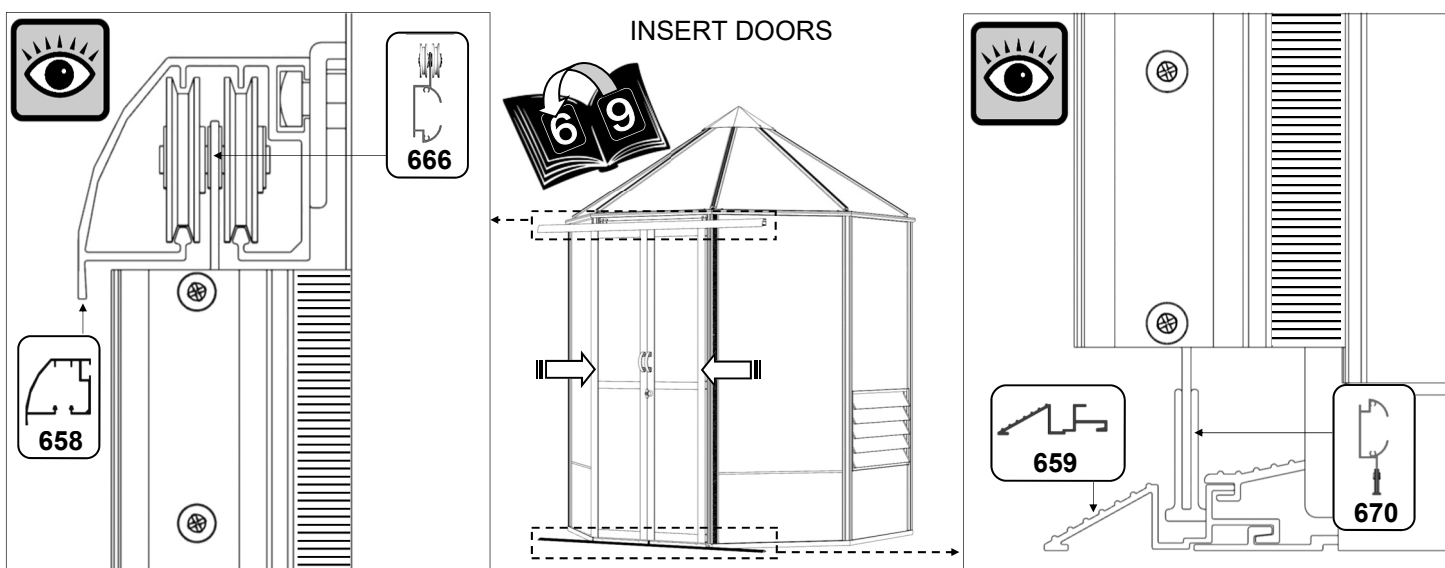
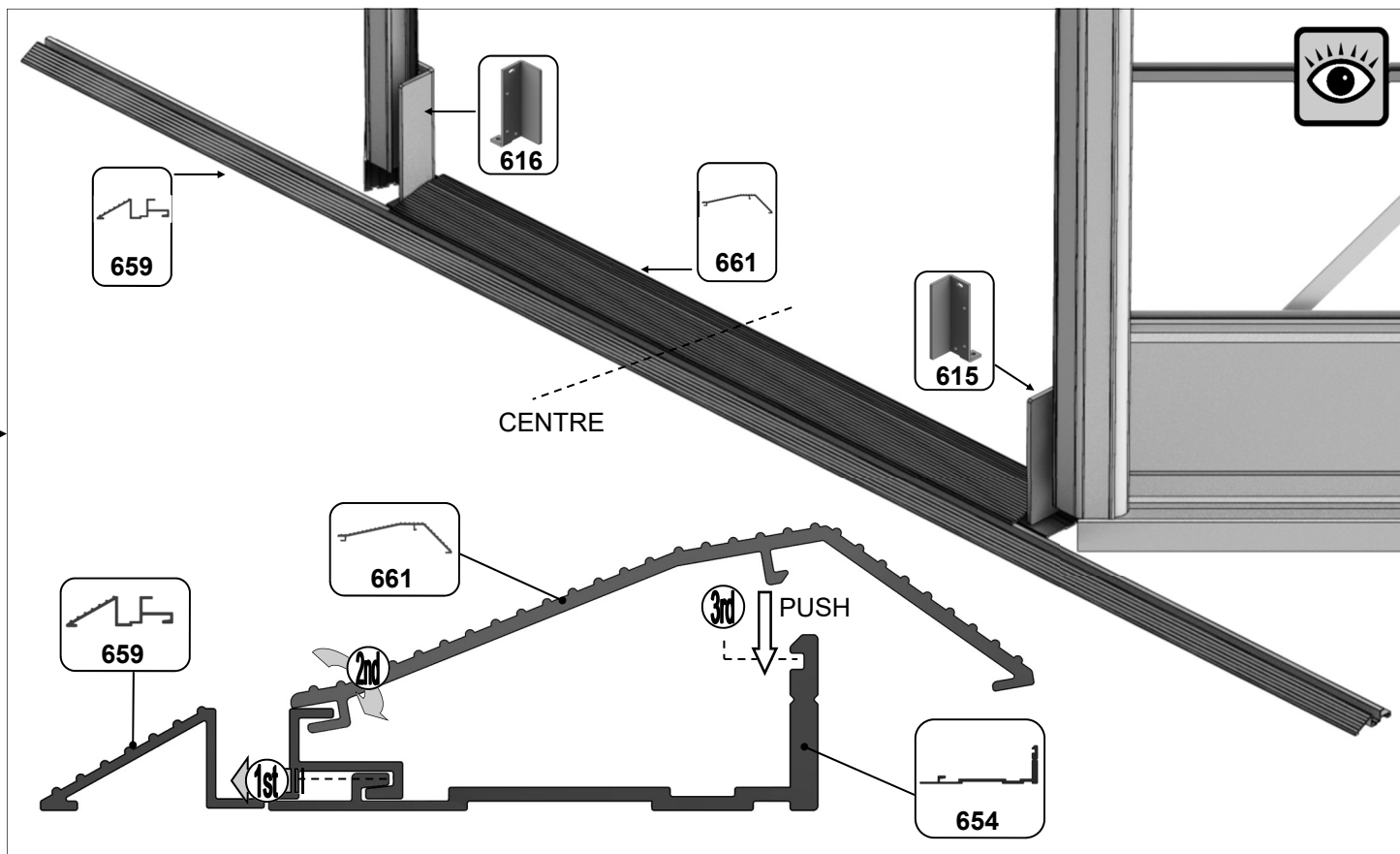


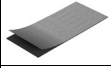
9

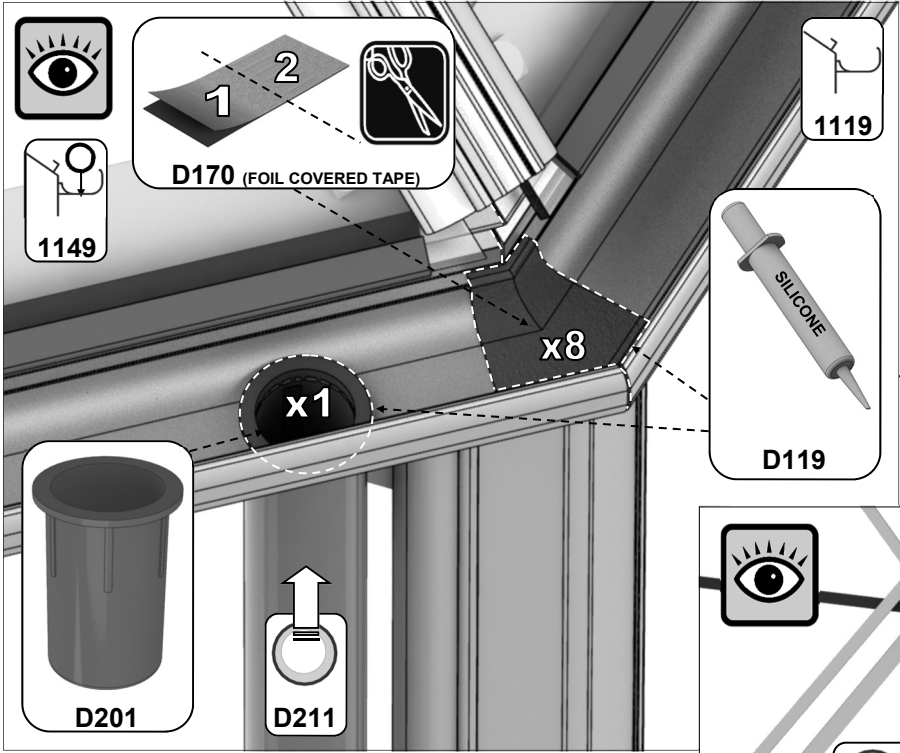
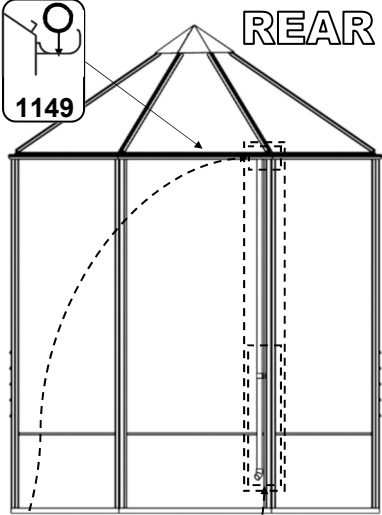
Part No	SY655	SY658	SY659	SY661	HE400	HE560	SYBOL M6X11	SYBOL M6X15	SYNUT M6
Detail									
Length 'mm'	729	1480	1480	690	N/A	N/A (RUBBER)	10	15	N/A
Quantity	1	1	1	1	2	2	3	4	11



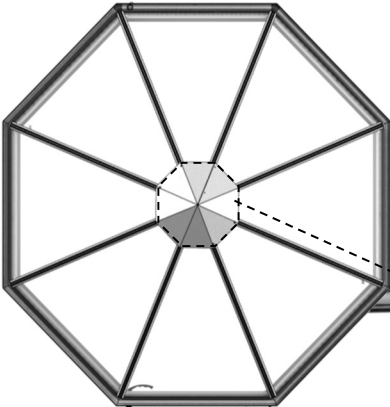
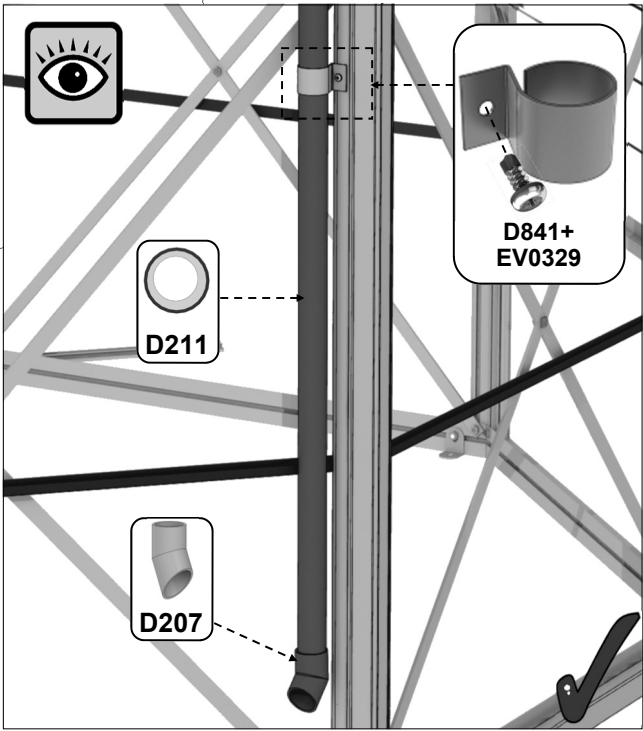
9



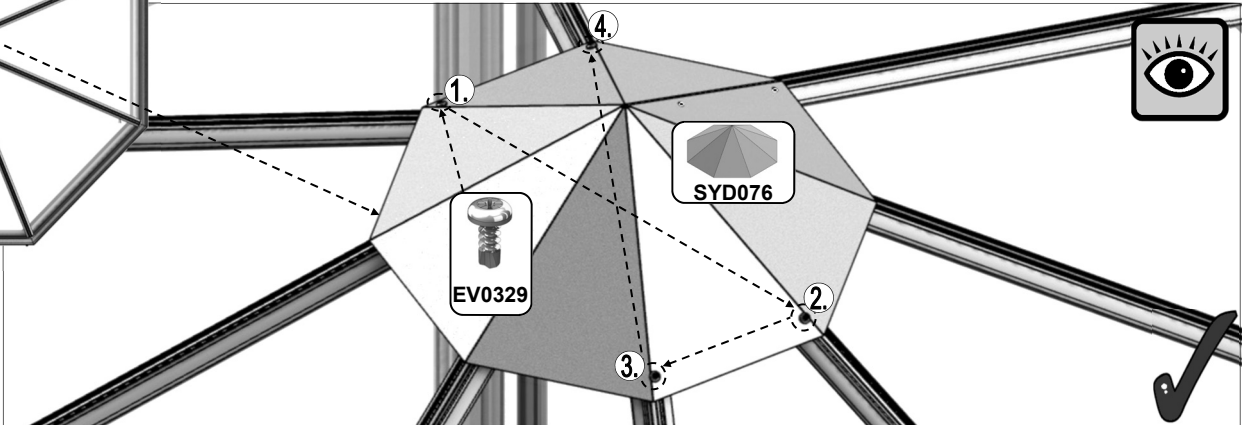
10	Part No	D119	D170	D201	D207	D211	D841	EV0329
	Detail							
	Length 'mm'	N/A	160 (cut each in half)	N/A	N/A	1625	N/A	9
	Quantity	1	4	1	1	1	1	1



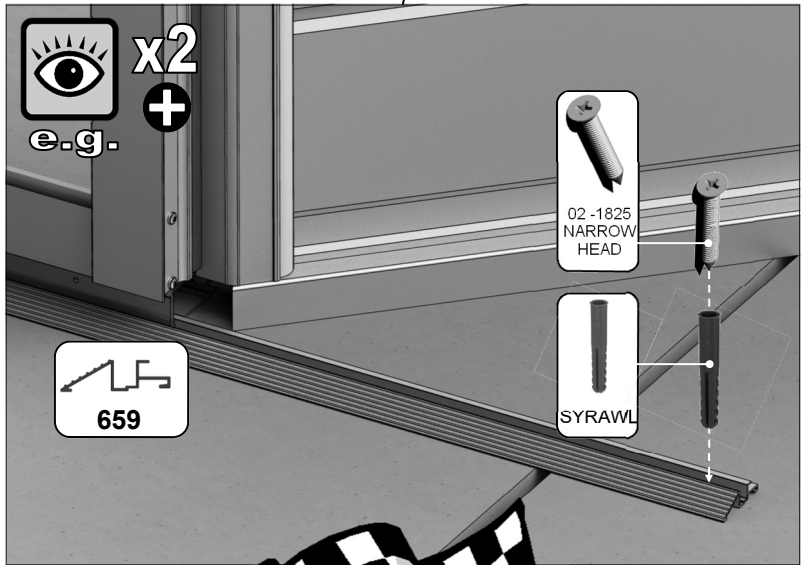
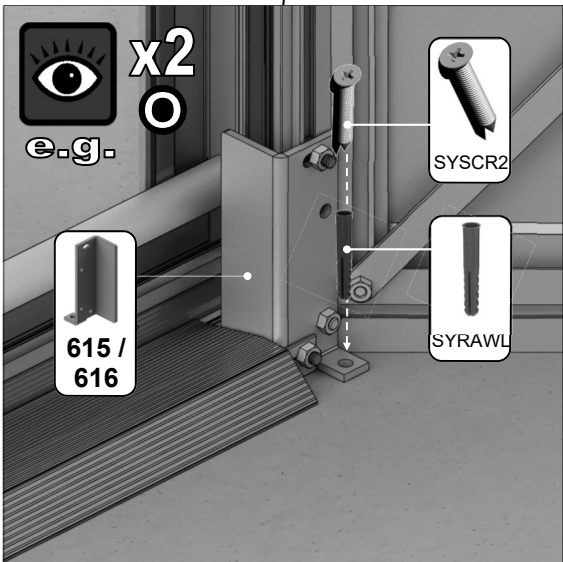
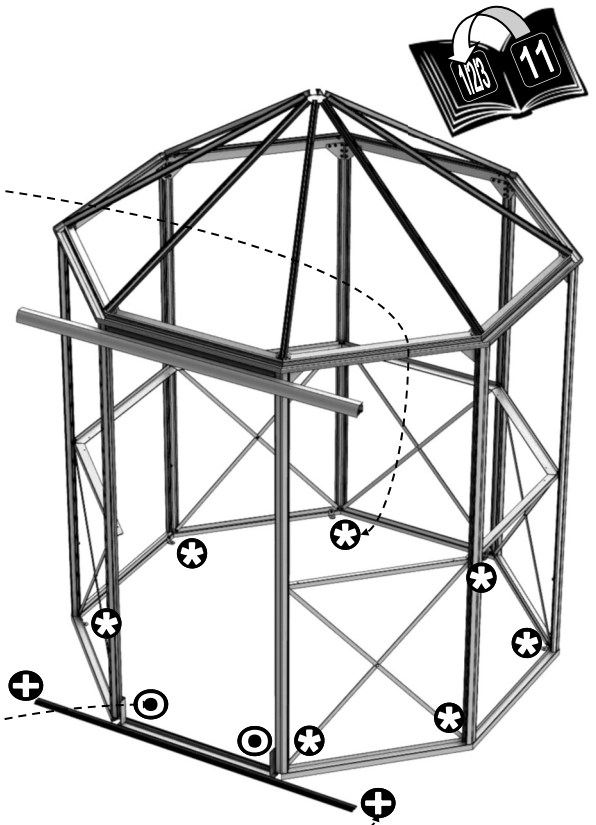
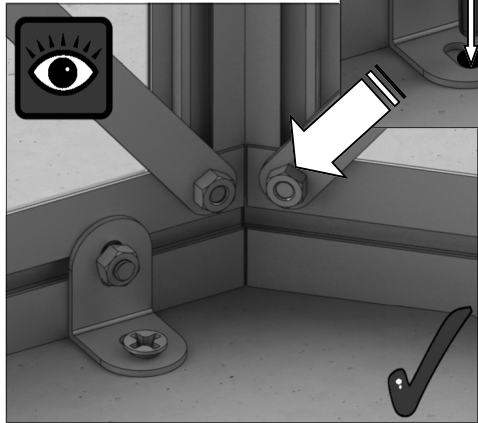
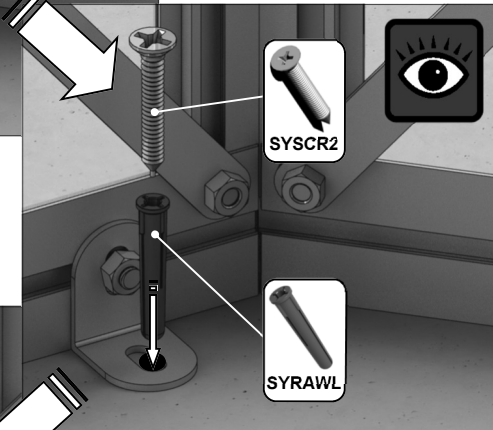
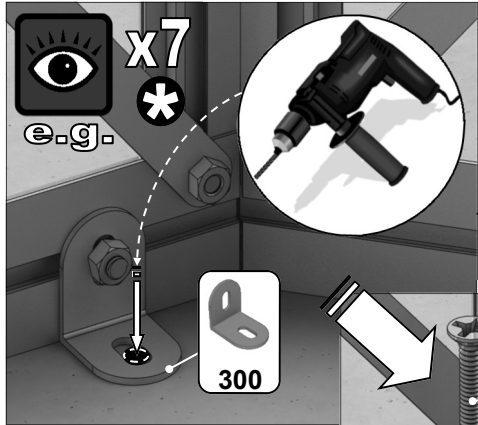
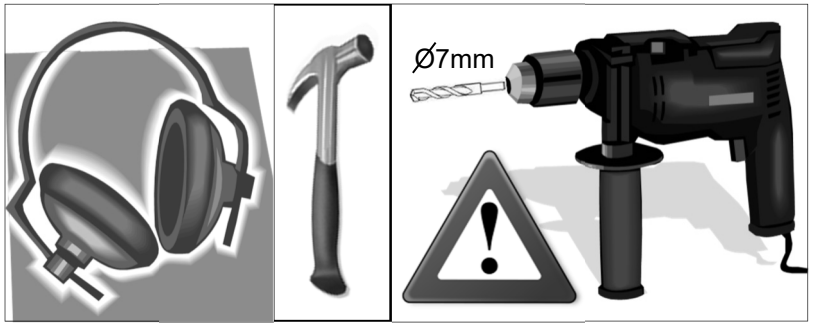
10	Part No	D076	EV0329
	Detail		
	Length 'mm'	N/A	12
	Quantity	1	4



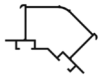
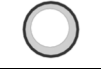
10



Part No	SYSCR2	02 -1825	SYRAWL
Detail			
Length 'mm'	(No10 x 2") 50	NARROW HEAD 50	50
Quantity	10	2	12



11

Part No.	Section	mm	Quantity	
SY1115 /C		1802	8	
SY1118 /C		1130	8	
SY1119 /C		801	7	
SY1122 /C		790	7	
SY1127 /C		1133	10	
SY1128 /C		762	7	
SY1149 /C		801	1	
D211		1625	1	

HEOCT66/C packing List totals

Part No.	Section	mm	Quantity	
SYBCC/ W1802		1802	14	
SYBCC/ W1130		1130	16	
ROSEP 730		730	5	
SYFOA M		15000	4	
HESMAOCT/C smalls pack			1	
D076 /C		N/A	1 (PACKED SEPERATELY)	
CADOOOME/C DOOR PACK			1 (PACKED SEPERATELY)	
BOX PACKED BY				

HE565 DOOR TRACK CAPS TO BE FITTED AFTER DOOR/S ARE HUNG!

