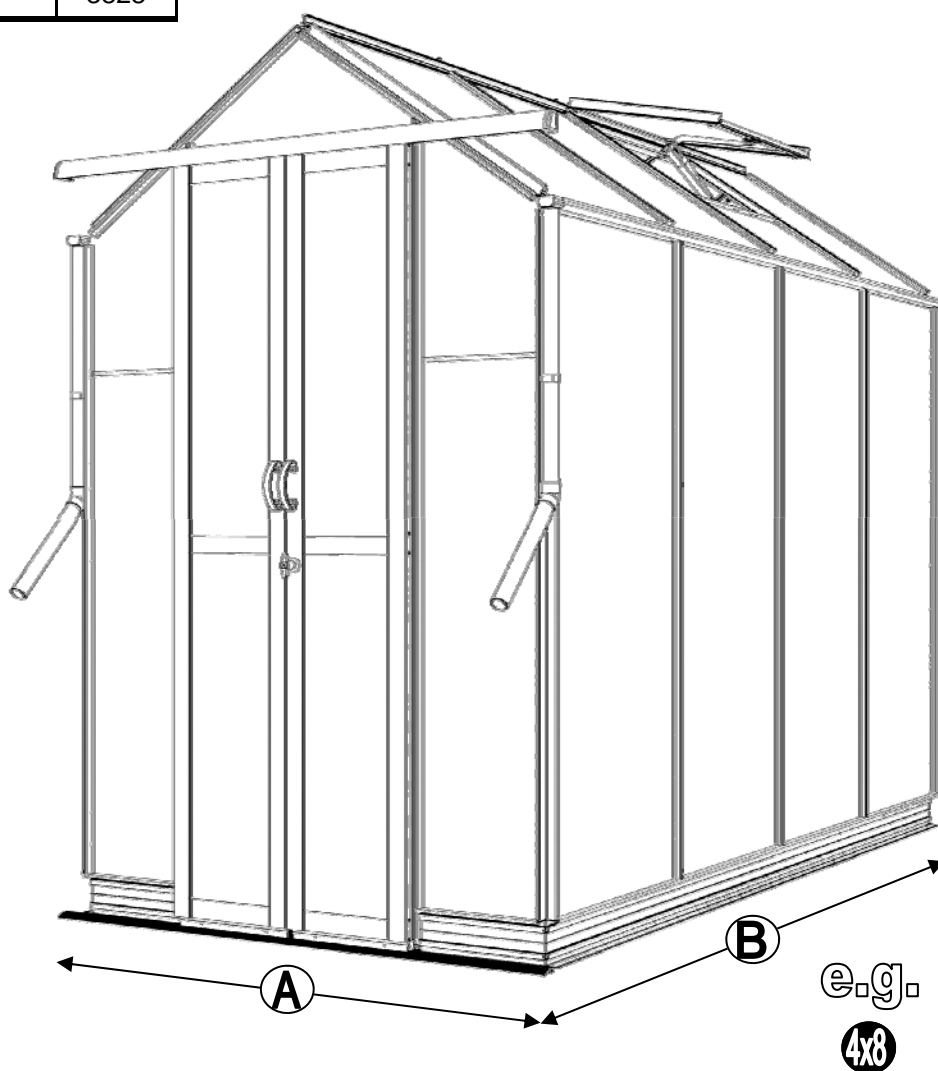


	A (mm)	B (mm)
4'4" x 2'4"	1320	728
4'4" x 4'4"		1348
4'4" x 6'4"		1968
4'4" x 8'4"		2588
4'4" x 10'5"		3208
4'4" x 12'5"		3828

Model HE-YOR



4' Wide ASSEMBLY INSTRUCTIONS

GB Thank you for purchasing your new Hercules greenhouse. We recommend you familiarise yourself with the instructions and read all safety information before you commence assembly. This instruction manual is also available online at www.greenhousepeople.co.uk in our technical help section should you need to reprint it. Should you require any additional advice you can always call us on 01782 385408.

These instructions are divided into sections; **B**-base, **partlists**, **1**-sides, **2**-front gable, **3**-rear, **4**-joining the four sides together, **5**-roof, **6**-vent, **7**-door, **8**-glazing, **9**-louvre assembly, **10**-vent attachment, **11**-door attachment, **12** anchoring down, **back cover**-packing list. If you need to contact us for assistance please refer to the relevant section/s or the page numbers bottom middle.

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

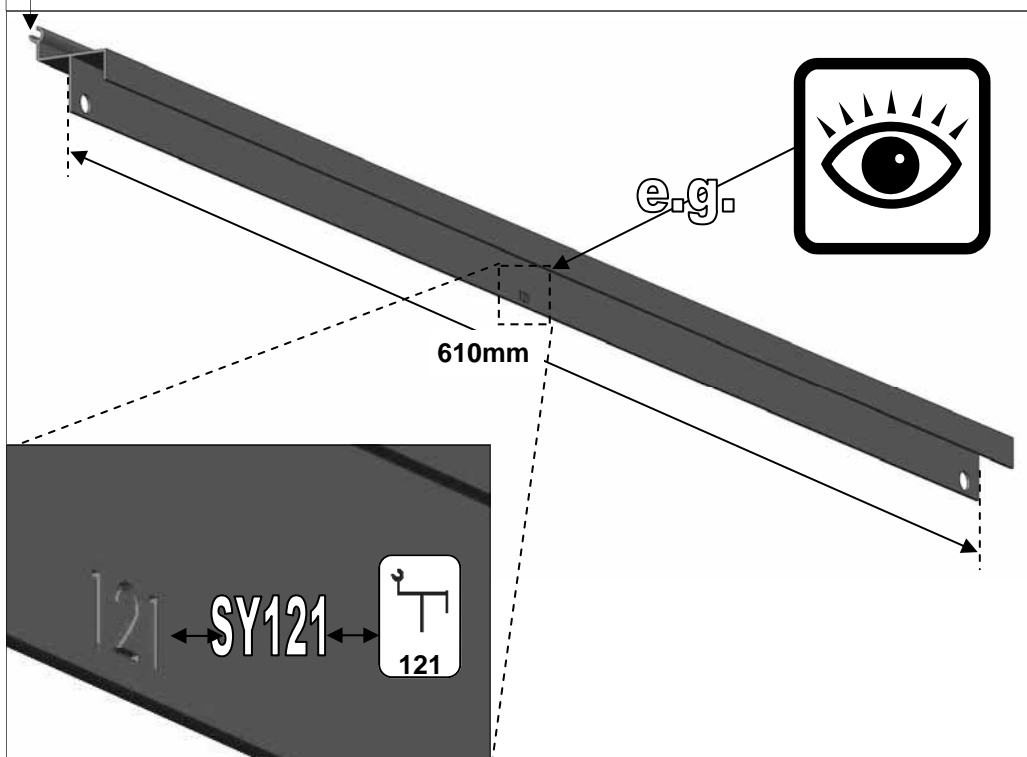
- When selecting a site for your greenhouse, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation for your greenhouse.
- **IMPORTANT:** Do **not** fix your building down until the building is fully assembled, including 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', 'CL') 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 (including glazing).
- Once installed your greenhouse requires little maintenance, but to maintain the smooth running of your door(s) WD40 or similar can be applied to the door wheels and lower door guides.

Guarantee

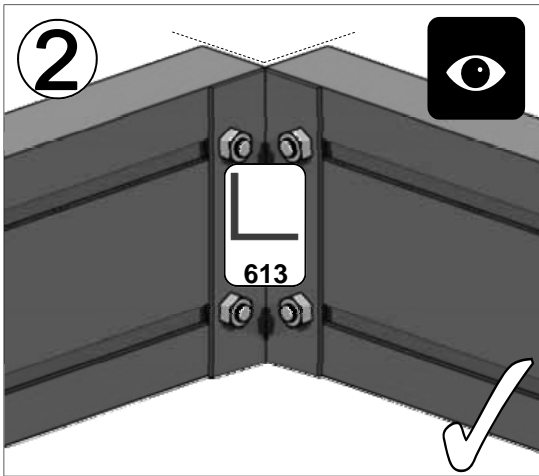
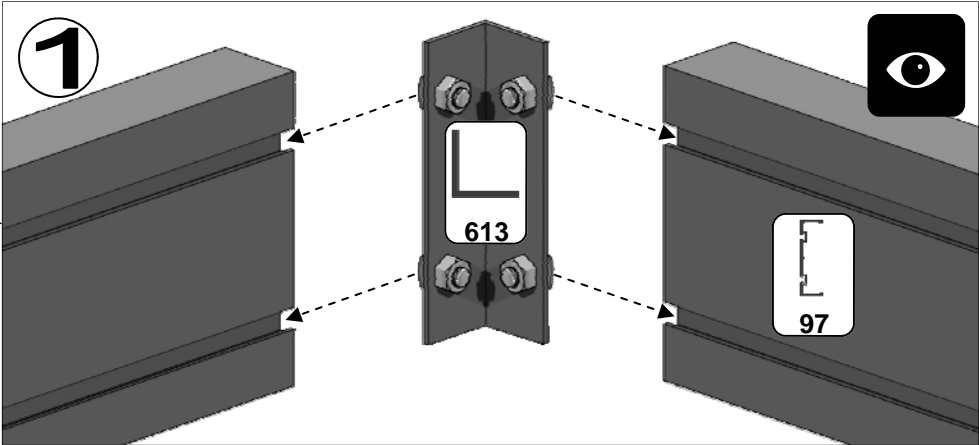
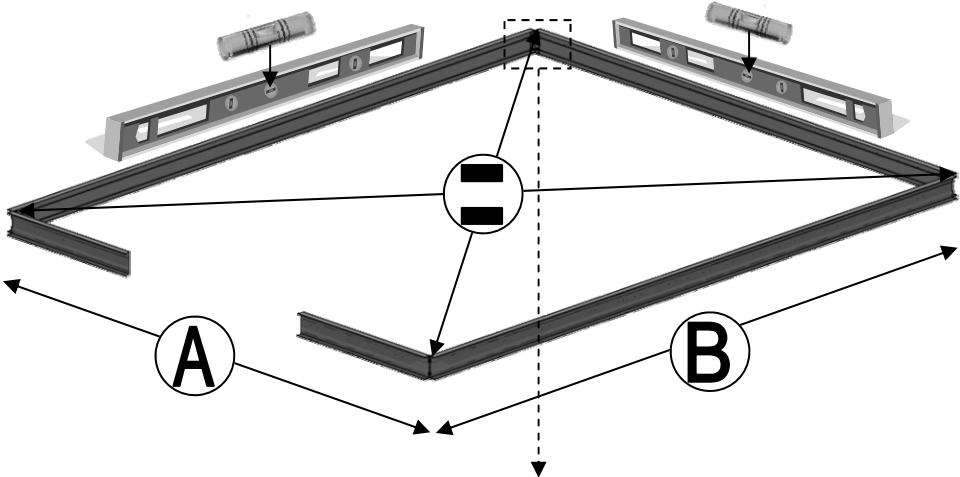
- Your new Hercules greenhouse is guaranteed for 10 years against faulty manufacture of the framework. This does not include glazing, moving parts, accidental damage or wind damage.



KEY SYMBOL	KEY DESCRIPTION
	EXTERNAL VIEW
	INTERNAL VIEW
	THINK
	THIS SECTION RELATES TO ANOTHER (e.g. 1 to 5)
	CORRECT
	DO NOT FIX DOWN!
	TWIST TO LOCK
	TIGHTEN
	DO NOT WET!
	CUT TO LENGTH

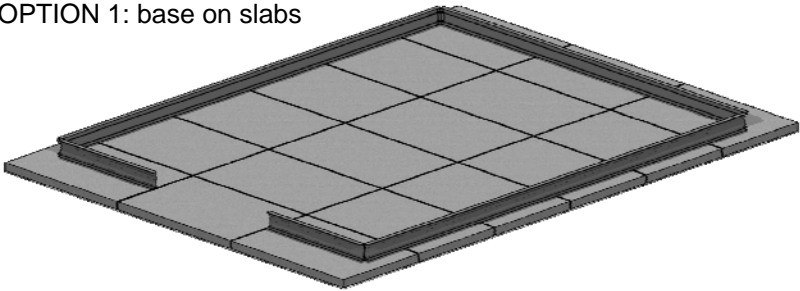


	A (mm)	B (mm)
4'4" x 2'4"	1320	728
4'4" x 4'4"		1348
4'4" x 6'4"		1968
4'4" x 8'4"		2588
4'4" x 10'5"		3208
4'4" x 12'5"		3828

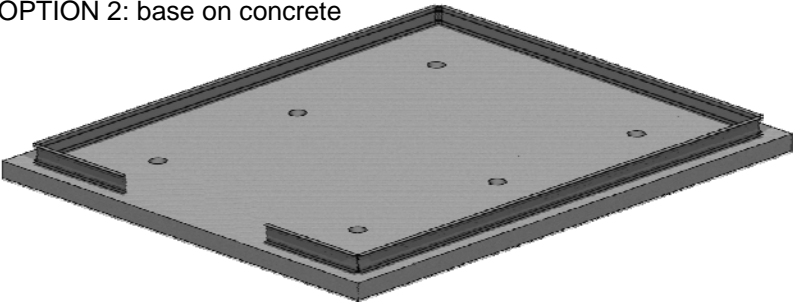


Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
SY004		3720						2
SY009		3100					2	
SY015		2480				2		
SY029		1860			2			
SY097		1240	1	3	1	1	1	1
SY098		620	2					
SY610		312	2					
SY613		100	4					

OPTION 1: base on slabs













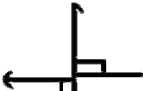
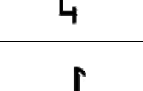
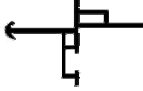


OPTION 2: base on concrete




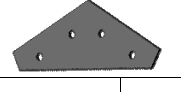


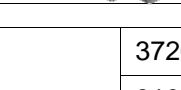
Page Ref	Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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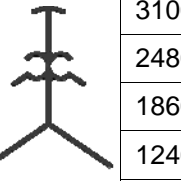
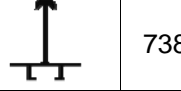
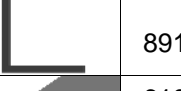
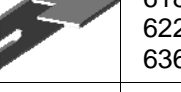

4 - YORK

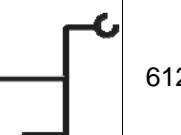
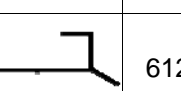
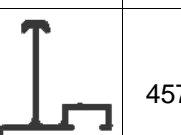
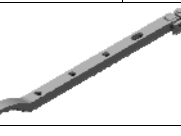
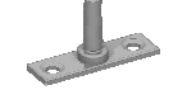
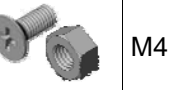

1	SY001		3720						2
	SY005		3100					2	
	SY017		2480				2		
	SY025		1860			2			
	SY055		1240		2				
	SY078		620	2					
	SY003		3720						2
	SY008		3100					2	
	SY014		2480				2		
	SY027		1860			2			
	SY058		1240		2				
	SY091		620	2					
	SY021		1586	2	2			4	
	SY047		1504	0	2	4	6	8	10

2	SY042								2
	SY043		1730						2
	SY048		1488						4
	SY059		1236						1
	SY611		326						2
	SY062		1216						1
	SY063		1216						1
	SY076		1504						2
	SY077		1504						2
	SY089		727						2
	SY090		727						2
	SY132		304						2
	SY133		304						2

Page Ref	Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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2	SY201								2
	SY200								4
	SY612		615						1
	SY616								1
	SY615								1









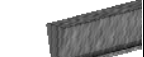

5	SY002		3720						1
	SY006		3100					1	
	SY012		2480				1		
	SY026		1860			1			
	SY057		1240		1				
	SY088		620	1					
	SY092		738	0	2	4	6	8	10
	SY135		891	0	2				4
	SY081 SY085 SY093		618 622 636	1	1		1	2	3
	CL1046		375	0	1	2	3	4	5

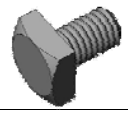

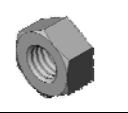

6	SY121		612			1		2	3	4
	SY123		612			1		2	3	4
	SY127		457			2		4	6	8
	SY STAY					1		2	3	4
	SY PIN					2		4	6	8
	SY-BOLMAX10 SYNUTM4		M4			6		12	18	24
	SY-BOLM6 X22		M6 X 22mm			2		4	6	8

Page Ref	Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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Page Ref	Part No.	Section	Size (mm)	4 2	4 4	4 6	4 8	4 10	4 12
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4 - YORK






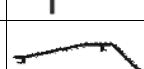



7	SY651 (HE633+ SKID)		306				2		
	SY650 (HE633+ WHEELS)		306				2		
	SY634		306				2		
	SY630		1730				2		
	SY652 (HE631+ SKID)		1730				1		
	SY653		1730				1		
	HE384		112				2		
	SY629		795				8		
	HE571		3800				1		
	HE583		19				24		

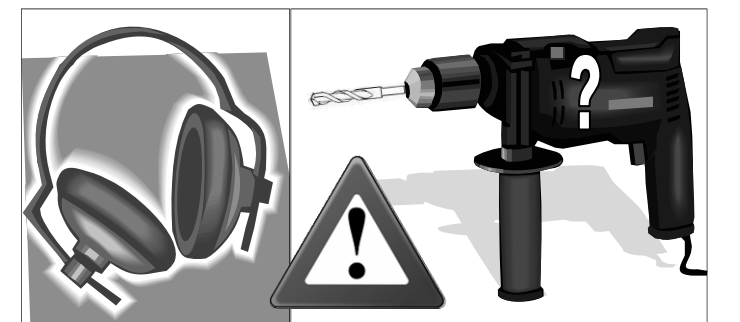
SYBOL M6X11 (INC BASE)		M6 BOLT 10mm	91	103	119	131	145	155
SYBOL M6X15		M6 BOLT 15mm	8					
SYNUT M6 (INC BASE)		M6 NUT	121	132	147	159	173	183
SYBOL M6X11 CROP (INC BASE)		M6 CROP	22	21	20	20	20	20



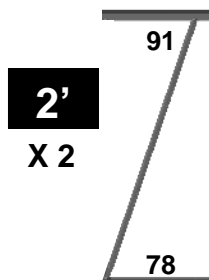
8	SYBC (C/W) 1210		1210 PLASTIC	8	12	16	20	24	28
	SYBC (C/W) 1500		1500 PLASTIC	8	12	16	20	24	28
	SYBC (C/W) 2000		2000 PLASTIC	6					
	SYZ- CLIP		N/A	4	8	12	16	20	24
	SY- FOAM		15000 FOAM	3 roll	3 roll	4 roll	5 roll	5 roll	5 roll



11	HE400		40				2		
	HE560		N/A				2		
	HE374		1320				1		
	HE402		1320				1		
	HE404		N/A				2		
	SY627		612				1		
	SY614		574				1		
	HE300		N/A				2		
	02 -1825		SCREW				2		



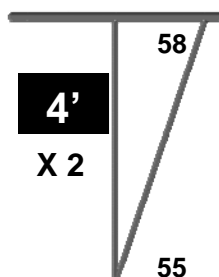
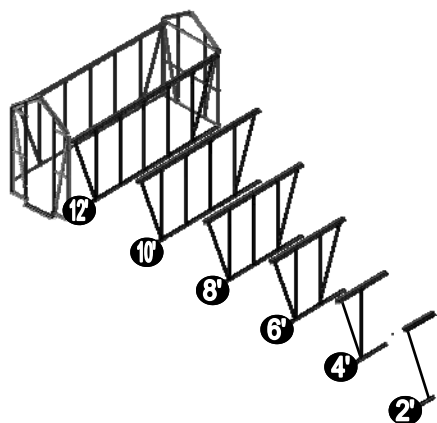
On the **2' long model** the sides have no vertical side bar '47'. Because of this the sides have little substance and you will find it easier to skip this section '1' until you have built the front (section 2) and rear (section 3). The sides can then be built in situ during section '4' where the gutters '91' and cills '78' will allow the front and rear to connect.



Part No	mm	Quantity
91	620	2
78	620	2
21	1586	2

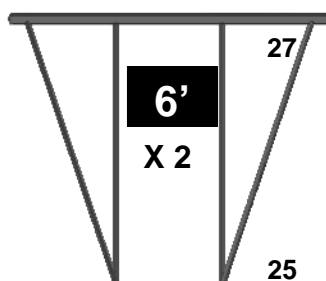


M6	2
M6	2



Part No	mm	Quantity
58	1240	2
47	1504	2
55	1240	2
21	1586	2

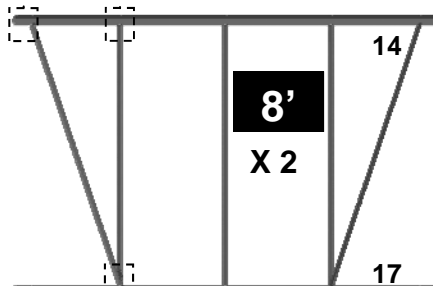
M6	6
M6	6



Part No	mm	Quantity
27	1860	2
47	1504	4
25	1860	2
21	1586	4

M6	12
M6	12

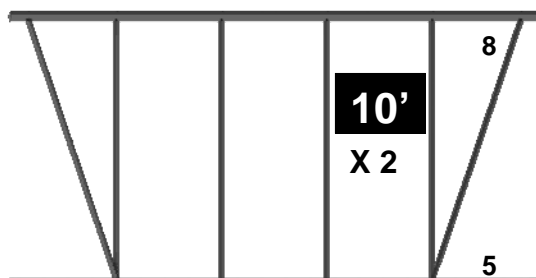
e.g. ①



Part No	mm	Quantity
14	2480	2
47	1504	6
17	2480	2
21	1586	4

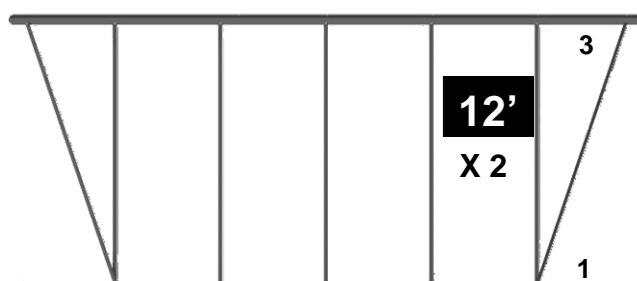
M6	16
M6	16

e.g. ②



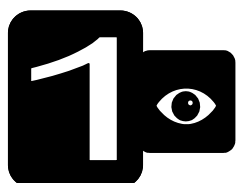
Part No	mm	Quantity
8	3100	2
47	1504	8
5	3100	2
21	1586	4

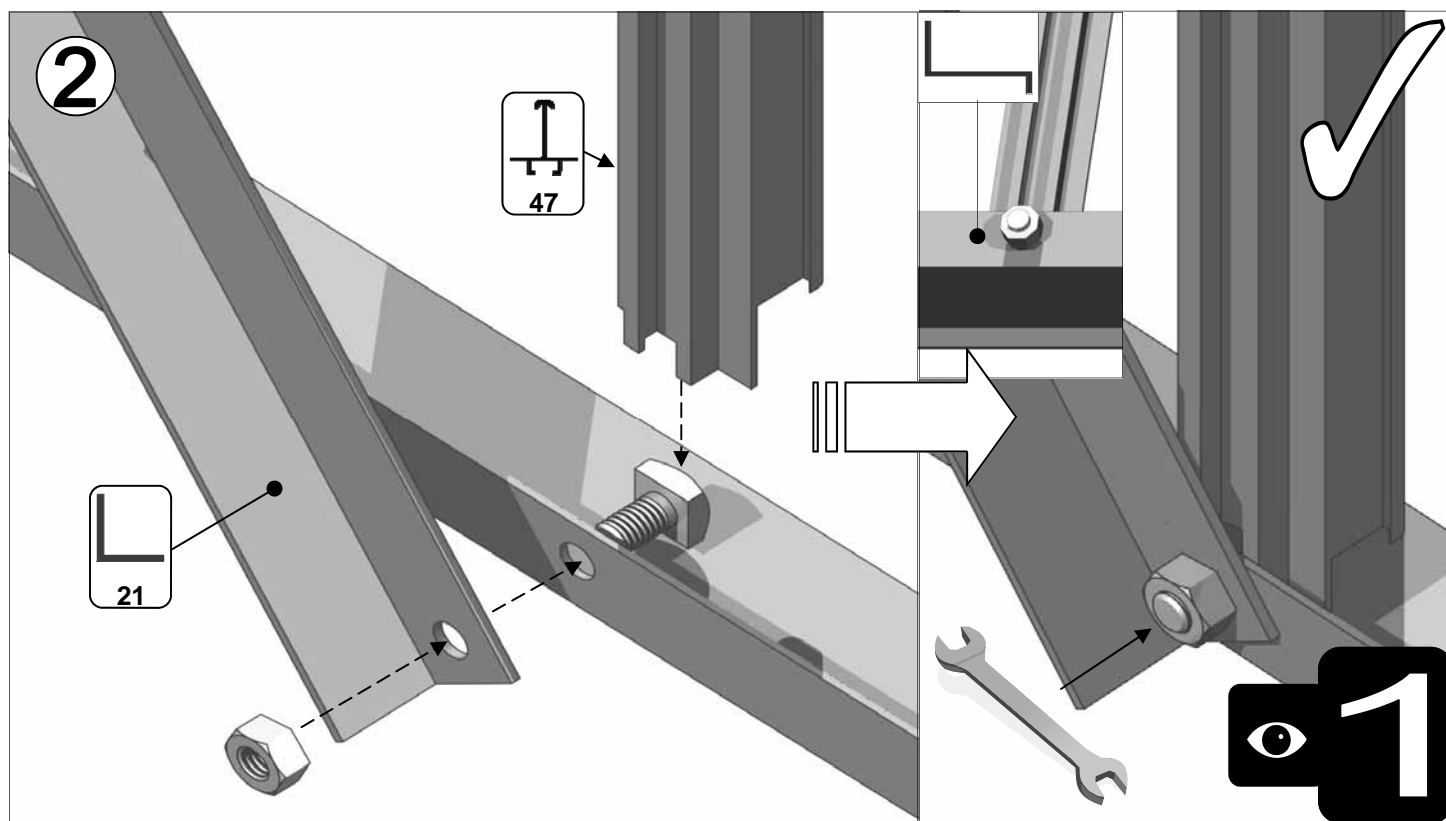
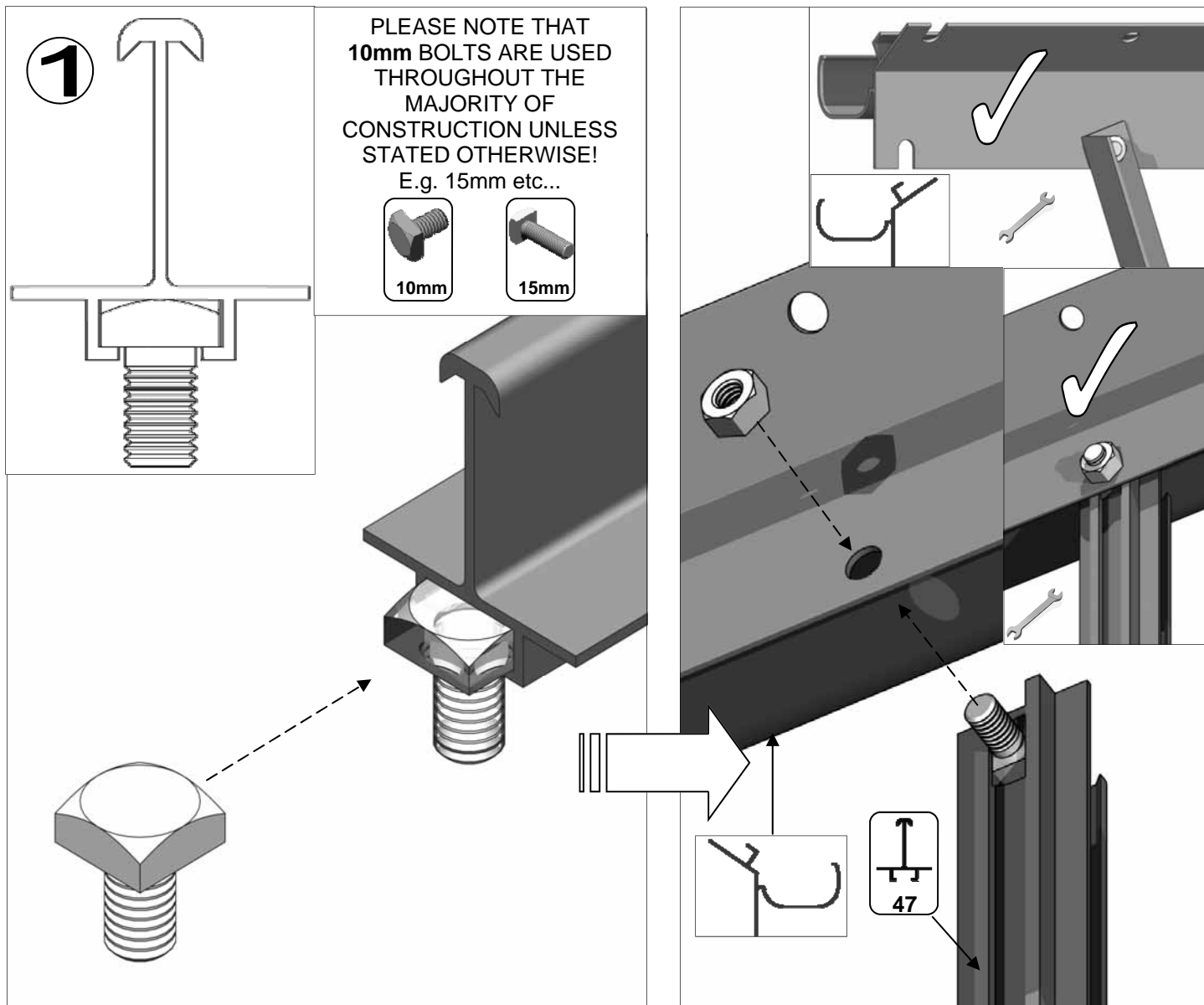
M6	20
M6	20



Part No	mm	Quantity
3	3720	2
47	1504	10
1	3720	2
21	1586	4




M6	24
M6	24

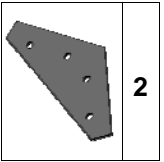
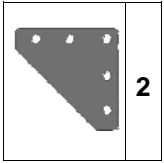
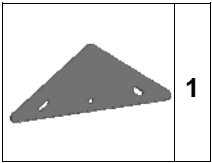




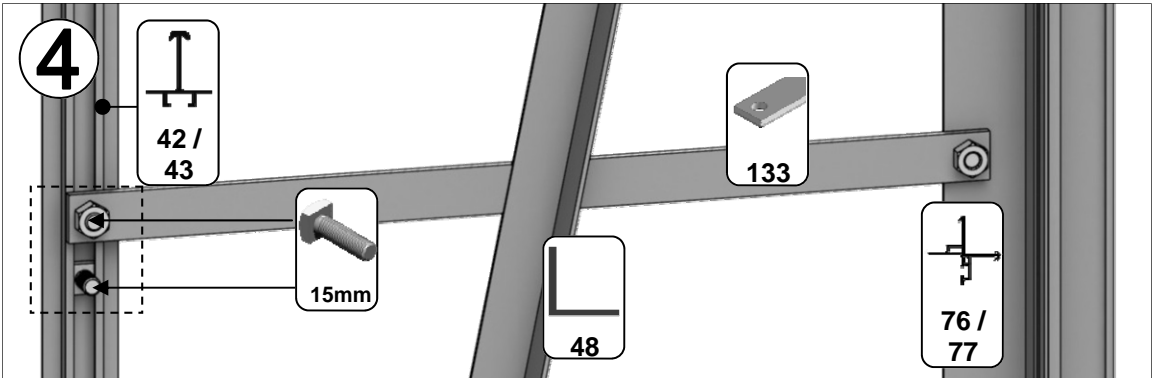
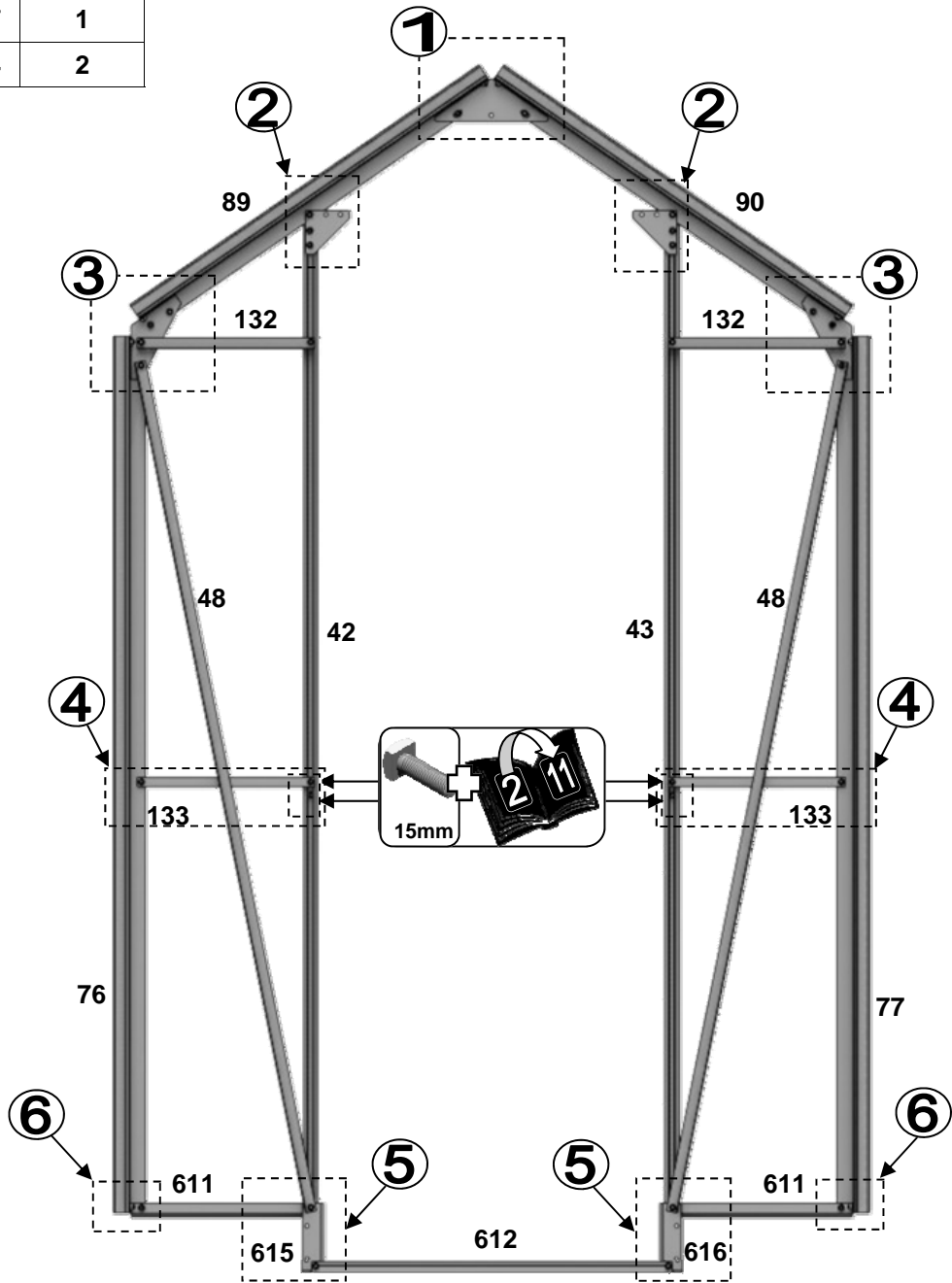
Part No	mm	Quantity
42	1730	1
43	1730	1
48	1488	2
76	1504	1
77	1504	1
89	727	1
90	727	1
132	304	2

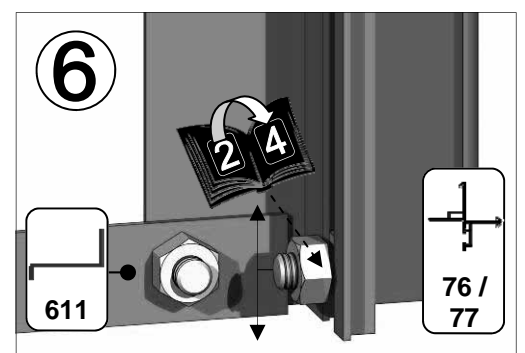
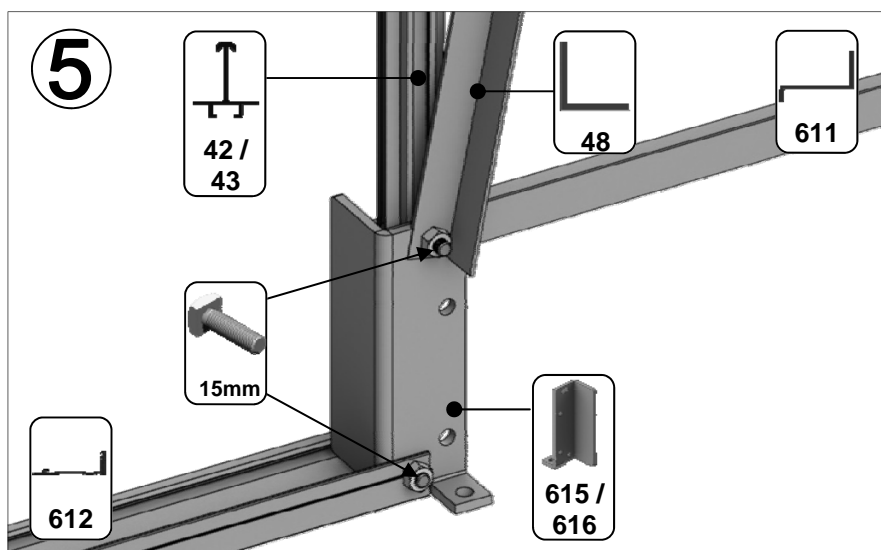
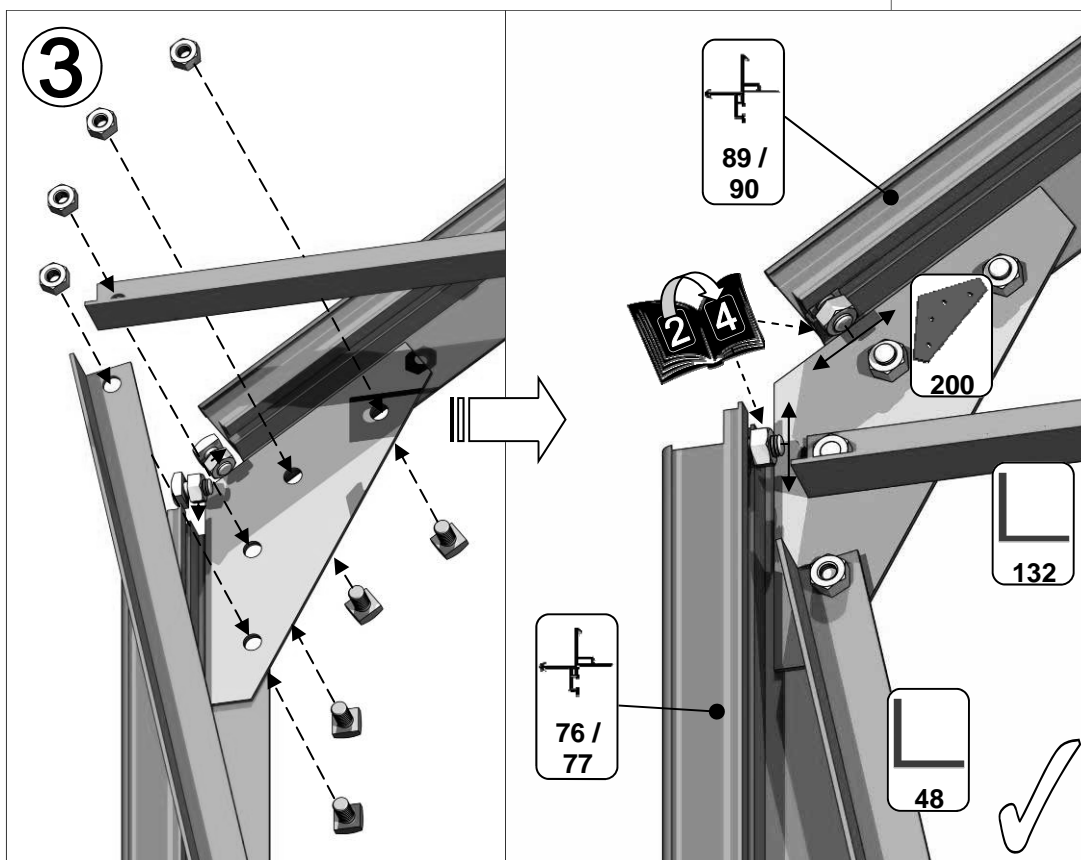
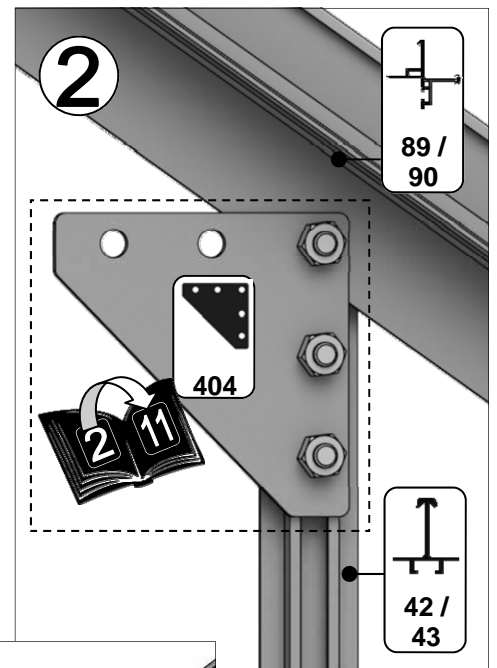
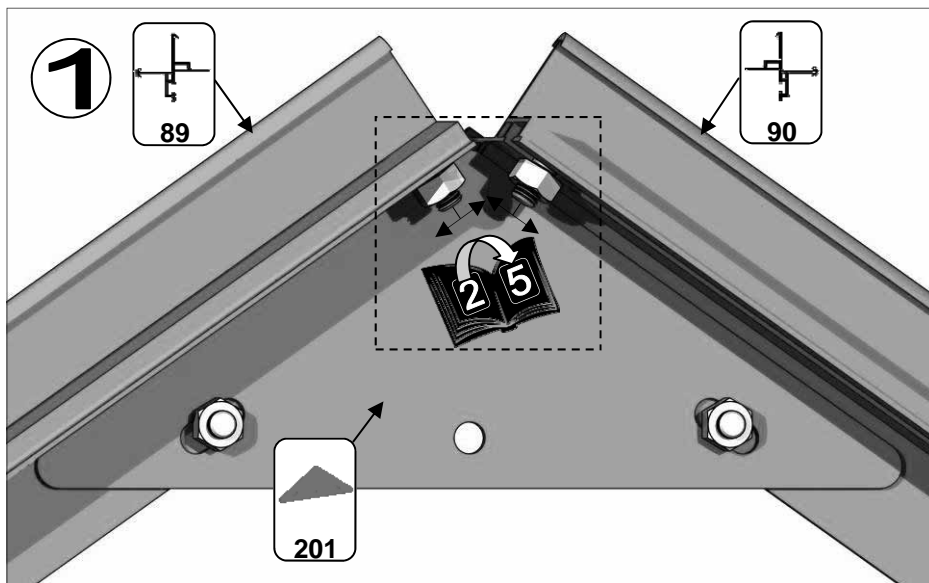
Part No	mm	Quantity
133	304	2
611	326	2
612	615	1
615	n/a	1
616	n/a	1

	10mm	28
	15mm	8
	M6	34



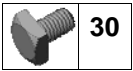
PARTS IN BETA DOOR BOX





Part No	mm	Quantity
42	1730	1
43	1730	1
48	1488	2
59	1236	1
62	1216	1

Part No	mm	Quantity
63	1216	1
76	1504	1
77	1504	1
89	727	1
90	727	1

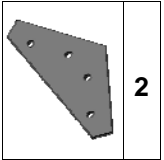


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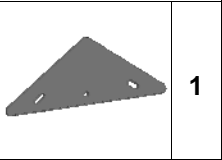
M6



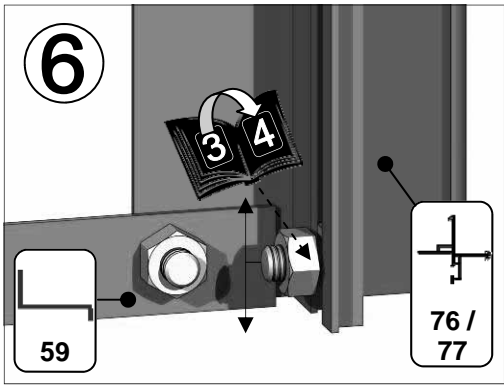
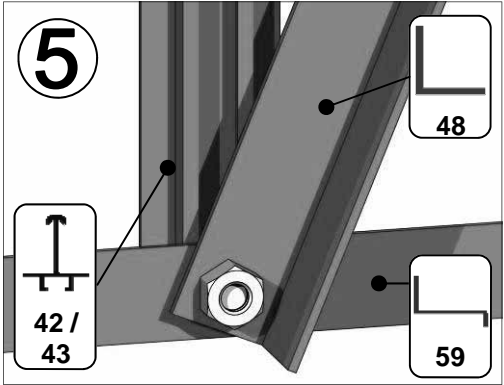
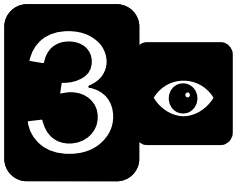
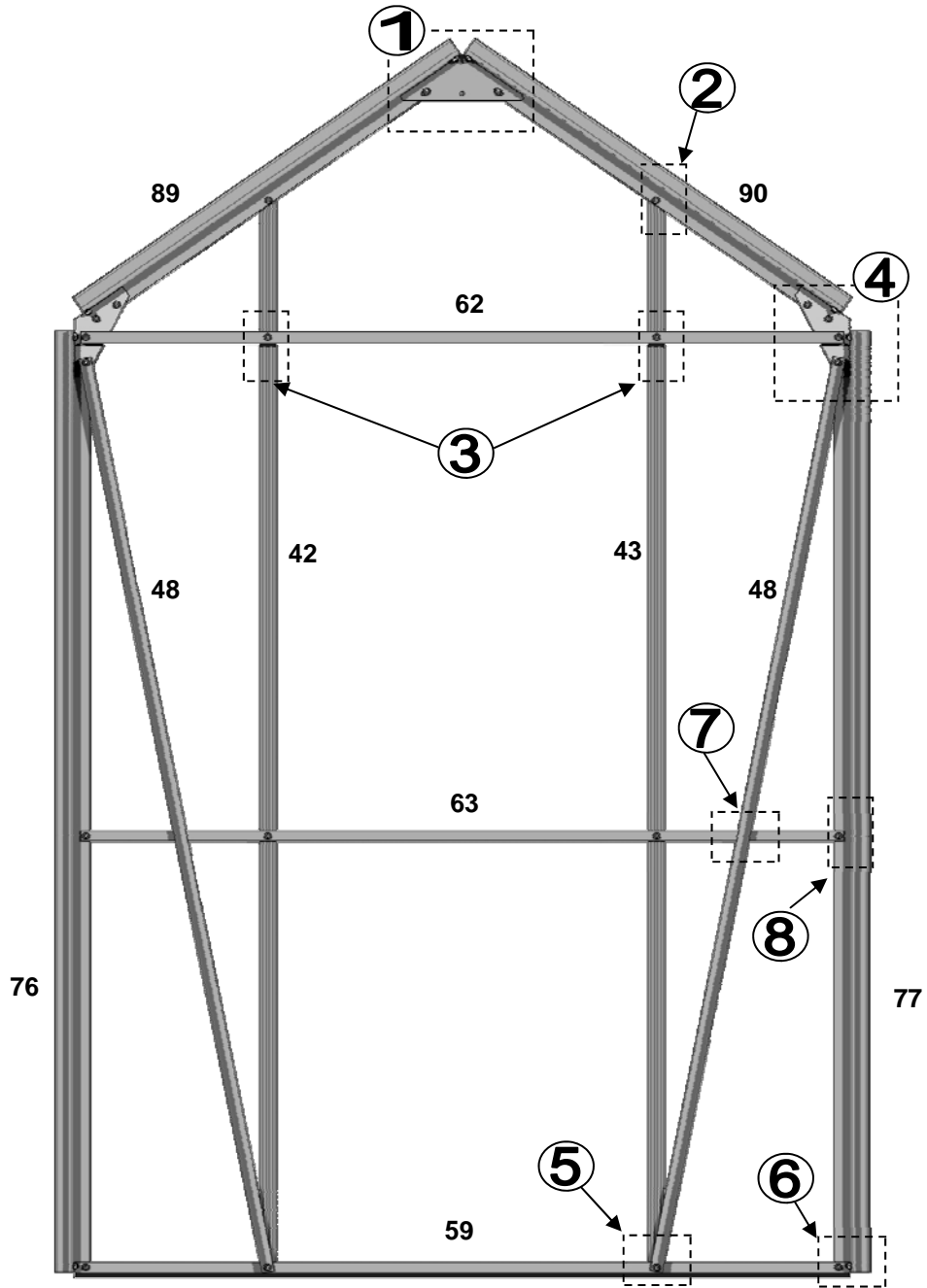
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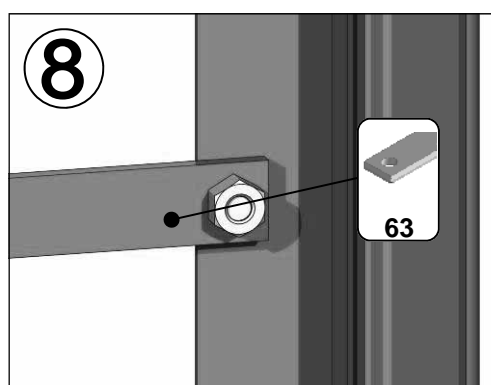
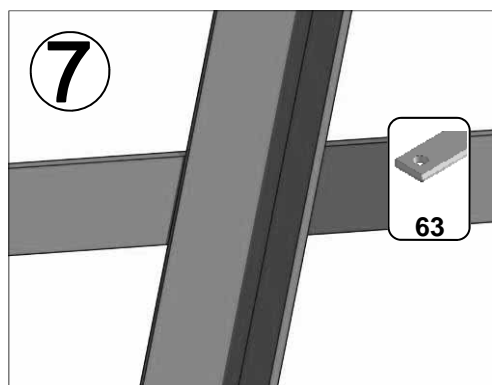
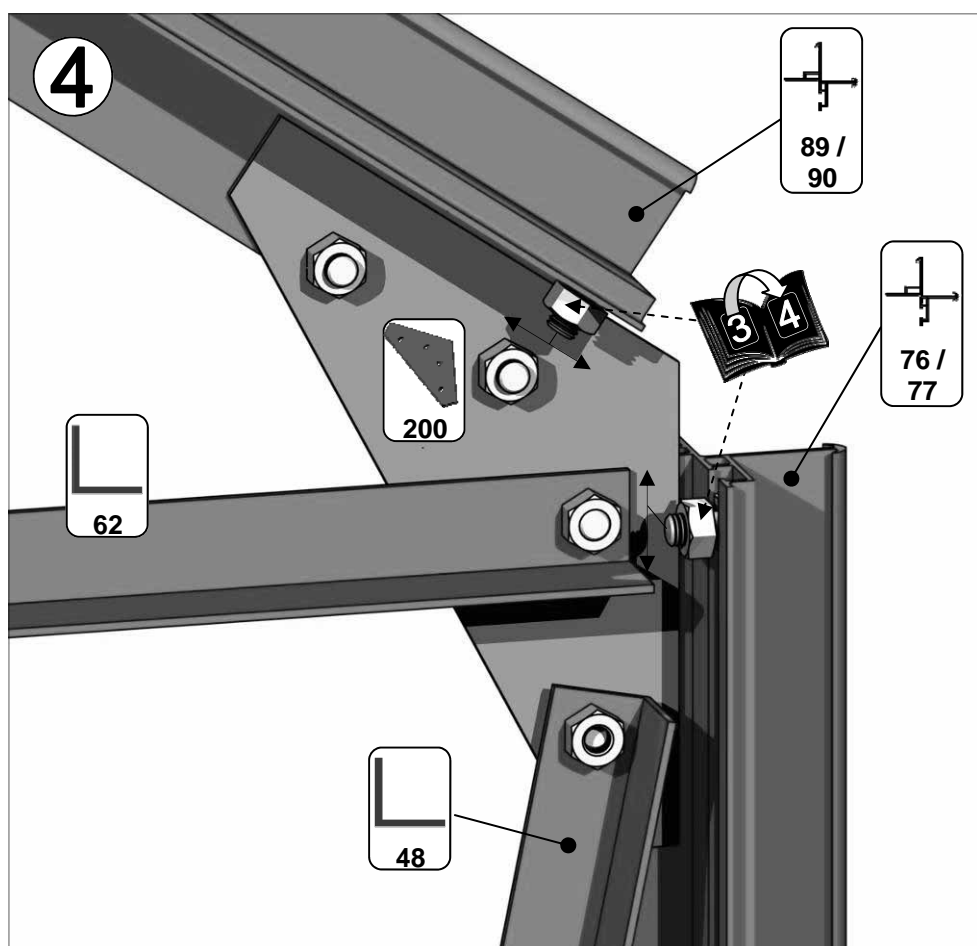
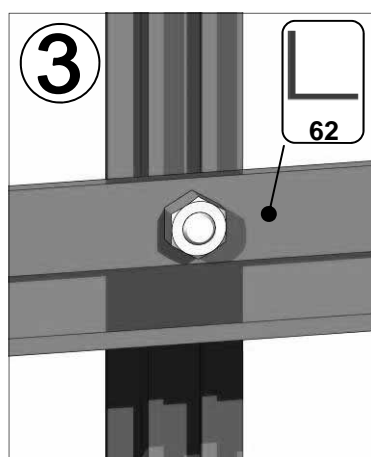
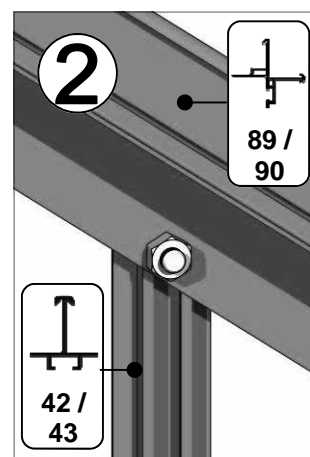
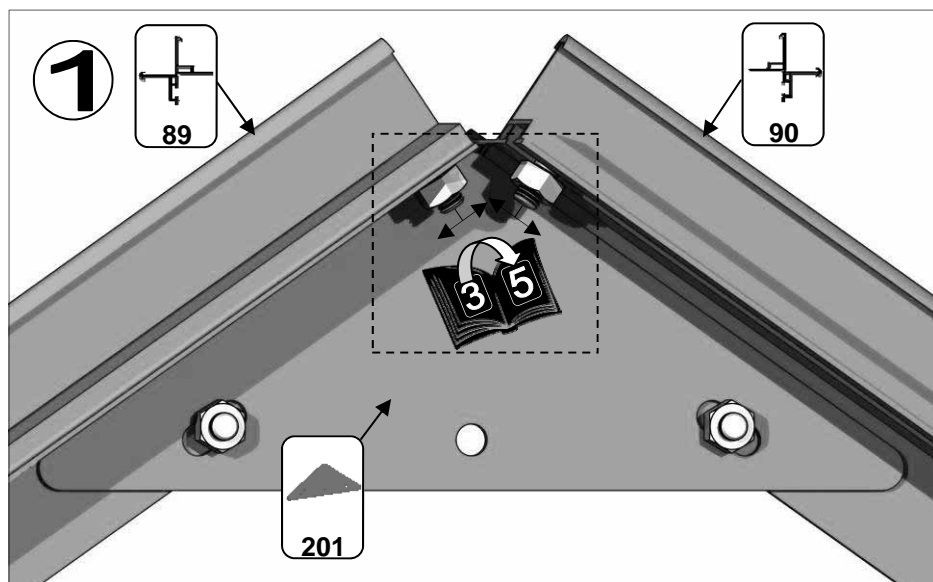


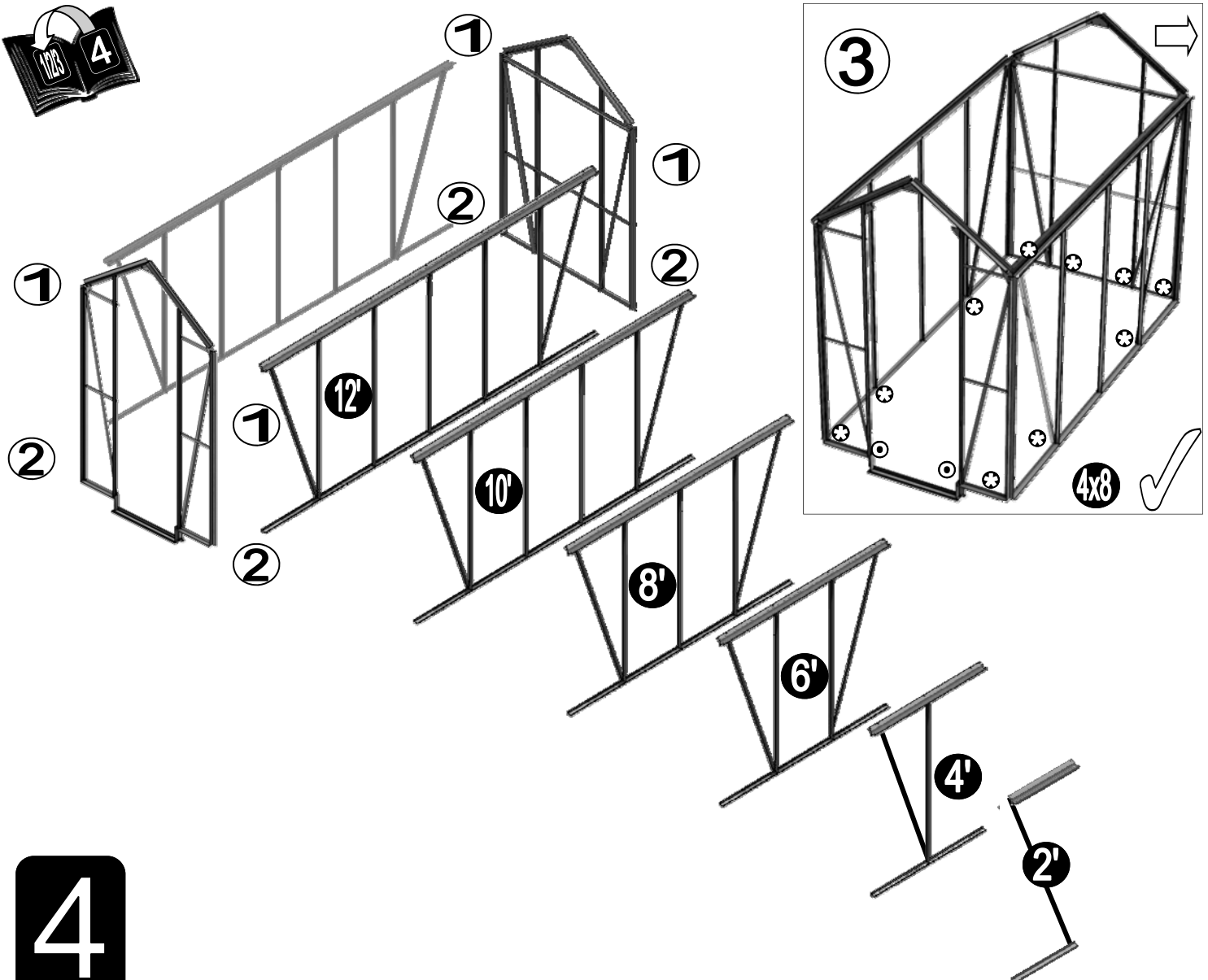
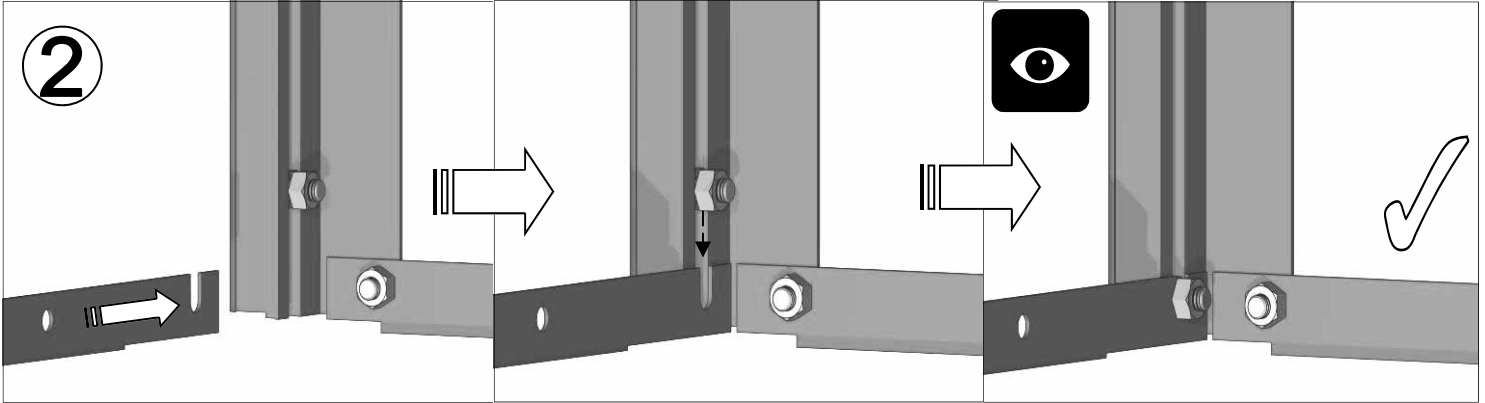
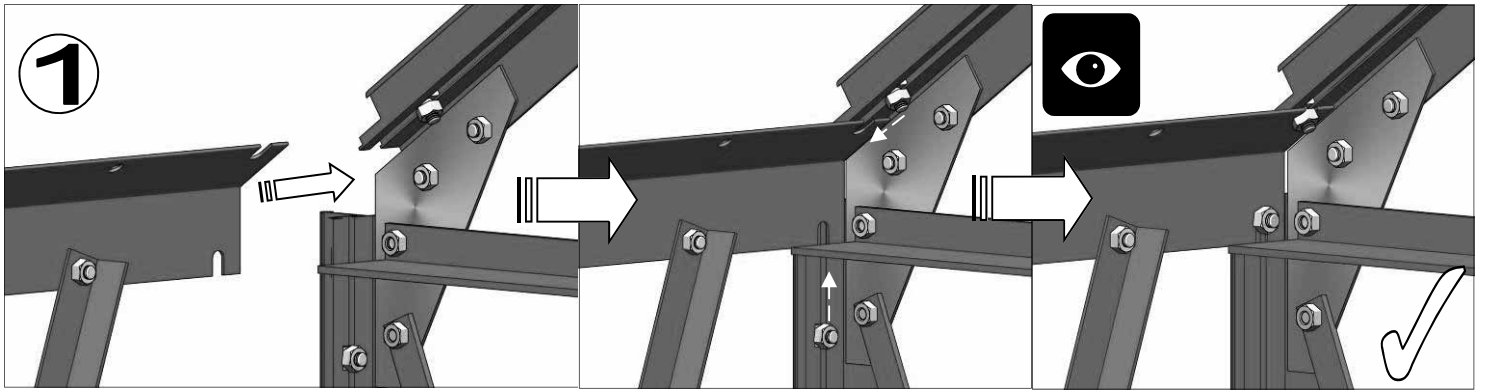
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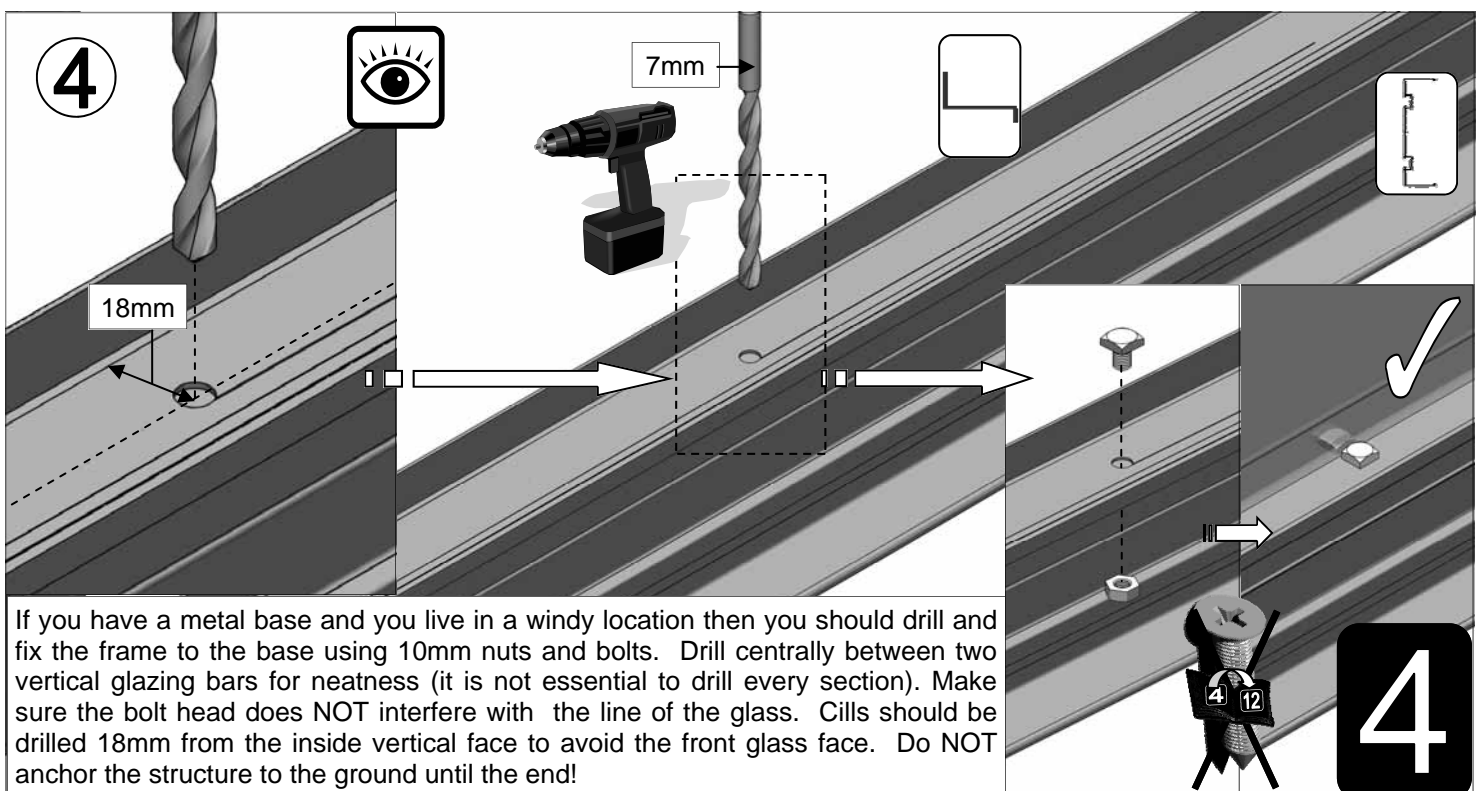
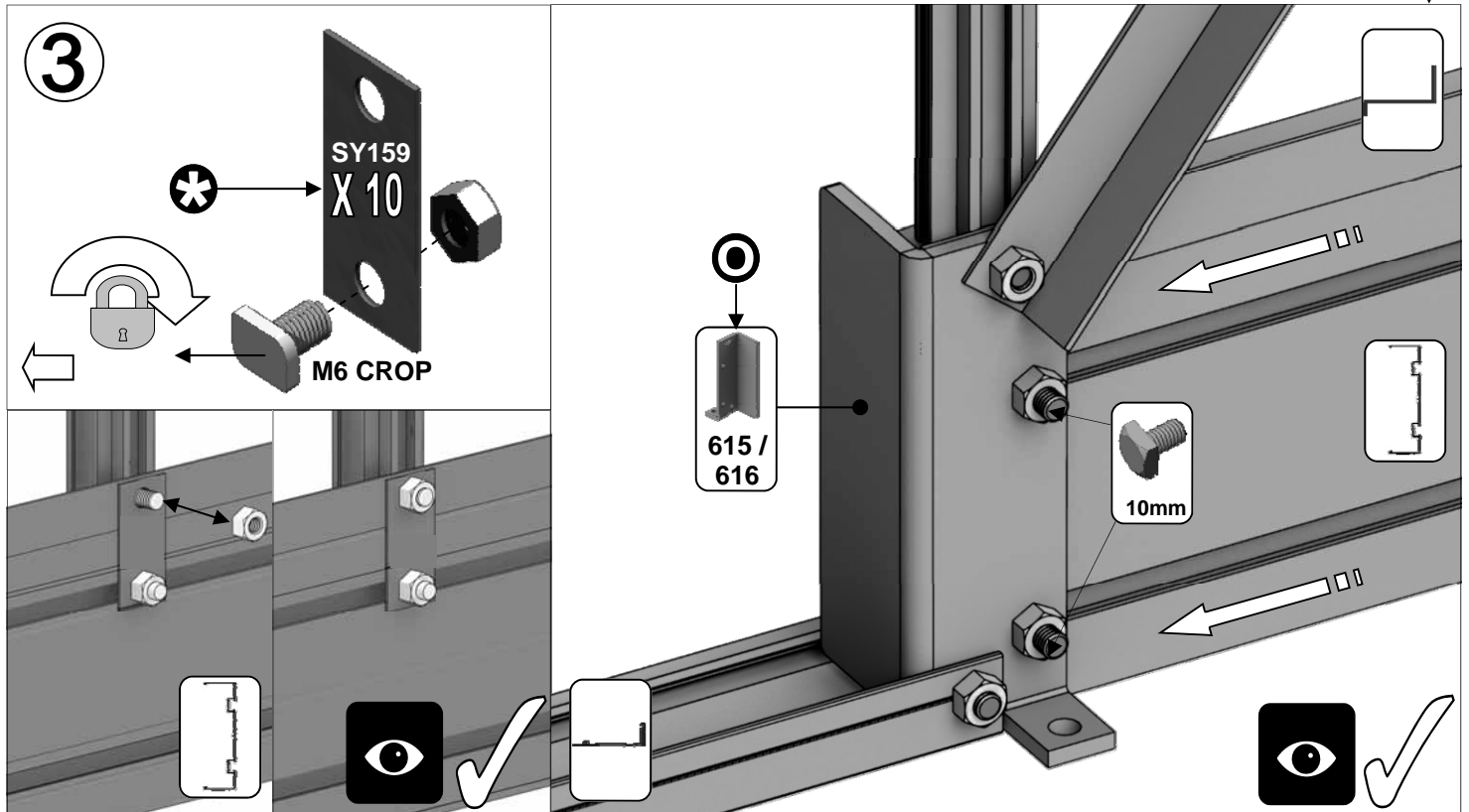
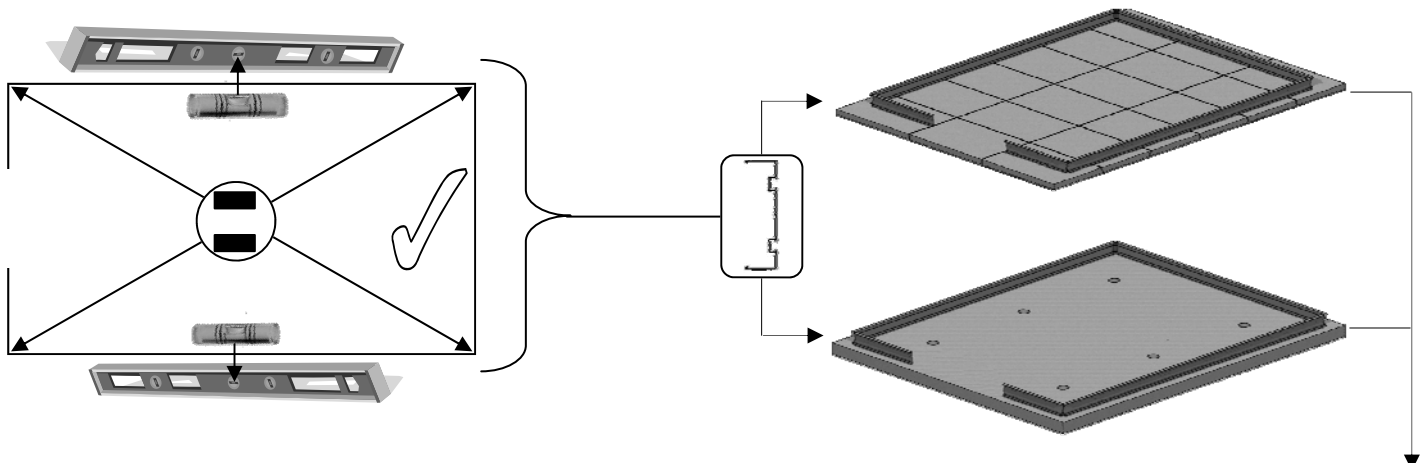


1





















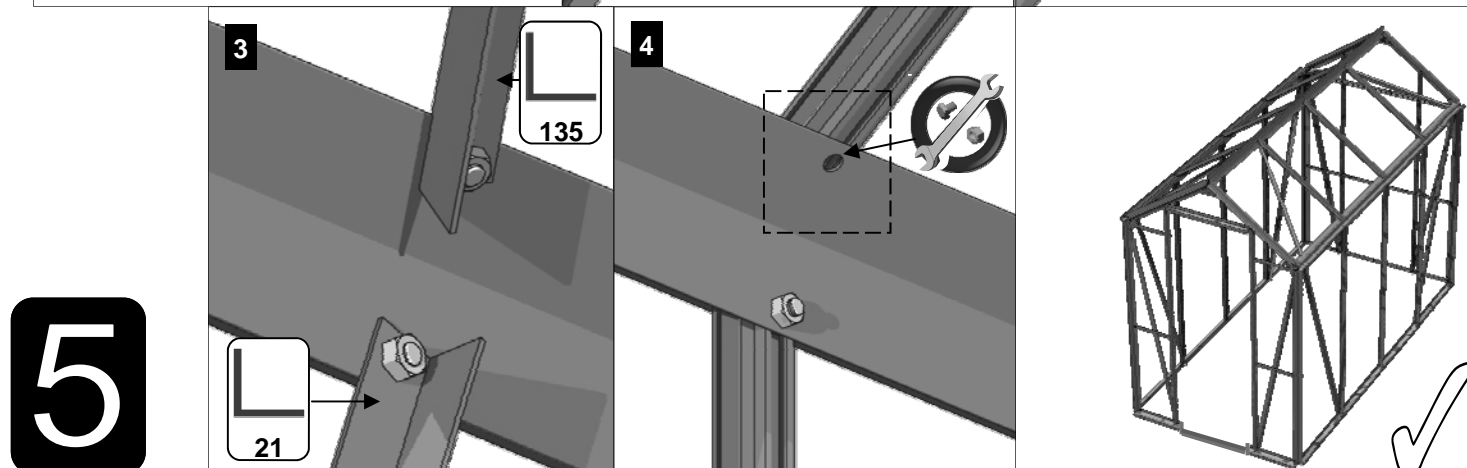
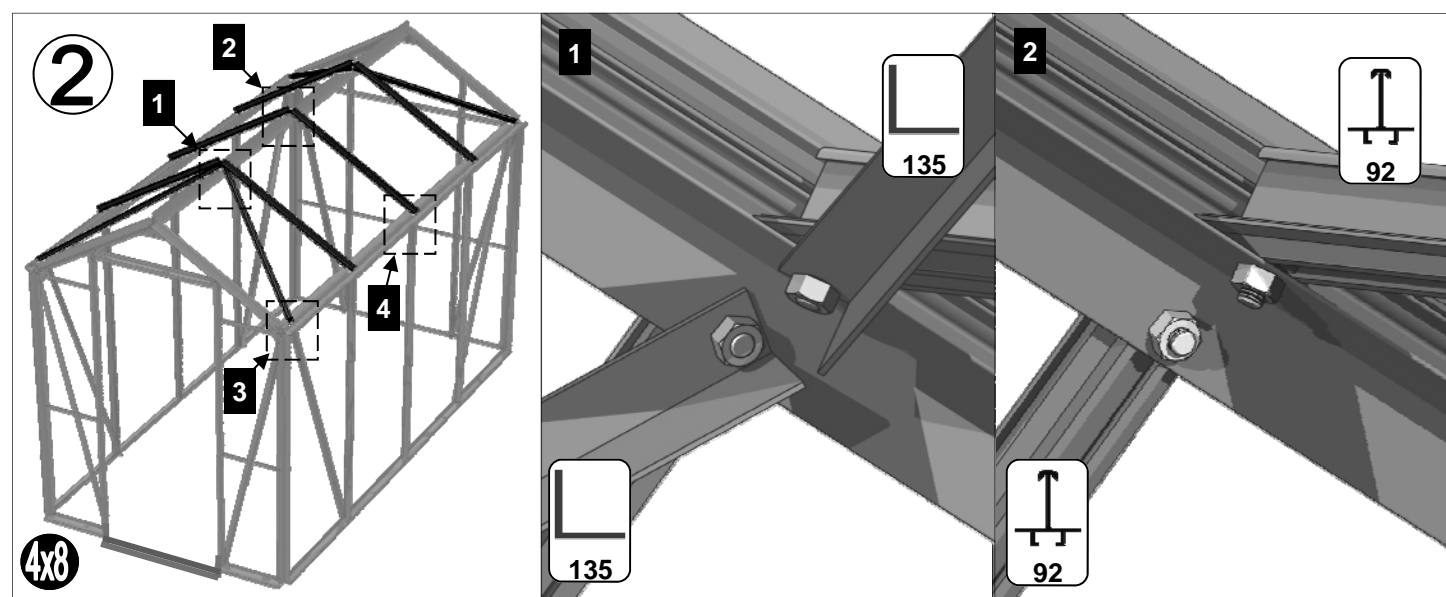
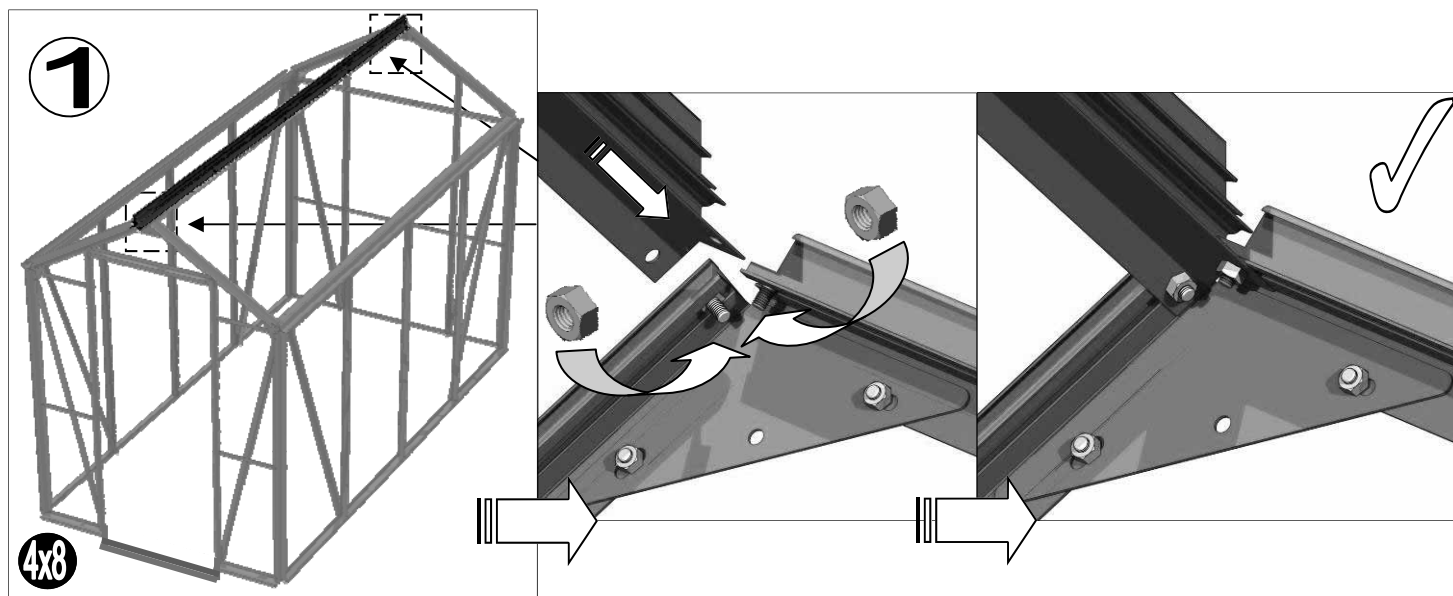




If you have a metal base and you live in a windy location then you should drill and fix the frame to the base using 10mm nuts and bolts. Drill centrally between two vertical glazing bars for neatness (it is not essential to drill every section). Make sure the bolt head does NOT interfere with the line of the glass. Cills should be drilled 18mm from the inside vertical face to avoid the front glass face. Do NOT anchor the structure to the ground until the end!



2'	Part No	mm	Quantity
	88	620	1
	92	738	0
	81	618	1
	135	894	0



4'	Part No	mm	Quantity
	57	1240	1
	92	738	2
	85	622	1
	135	891	2
	1046	375	1

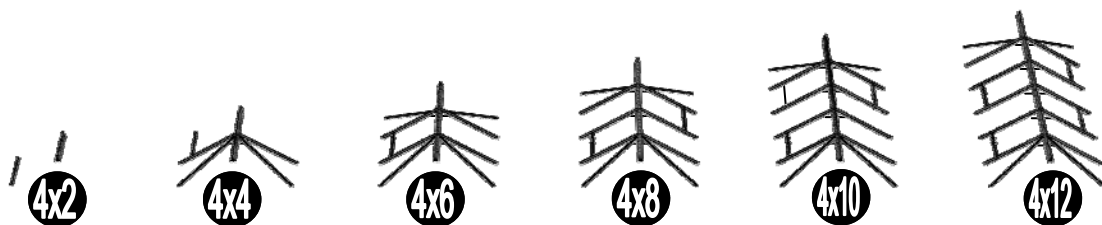
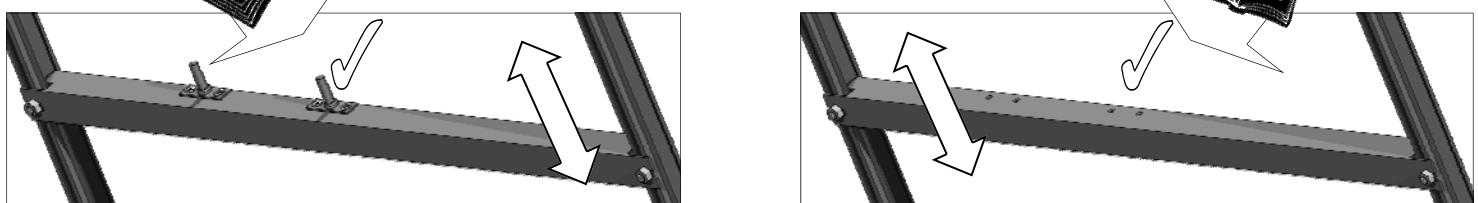
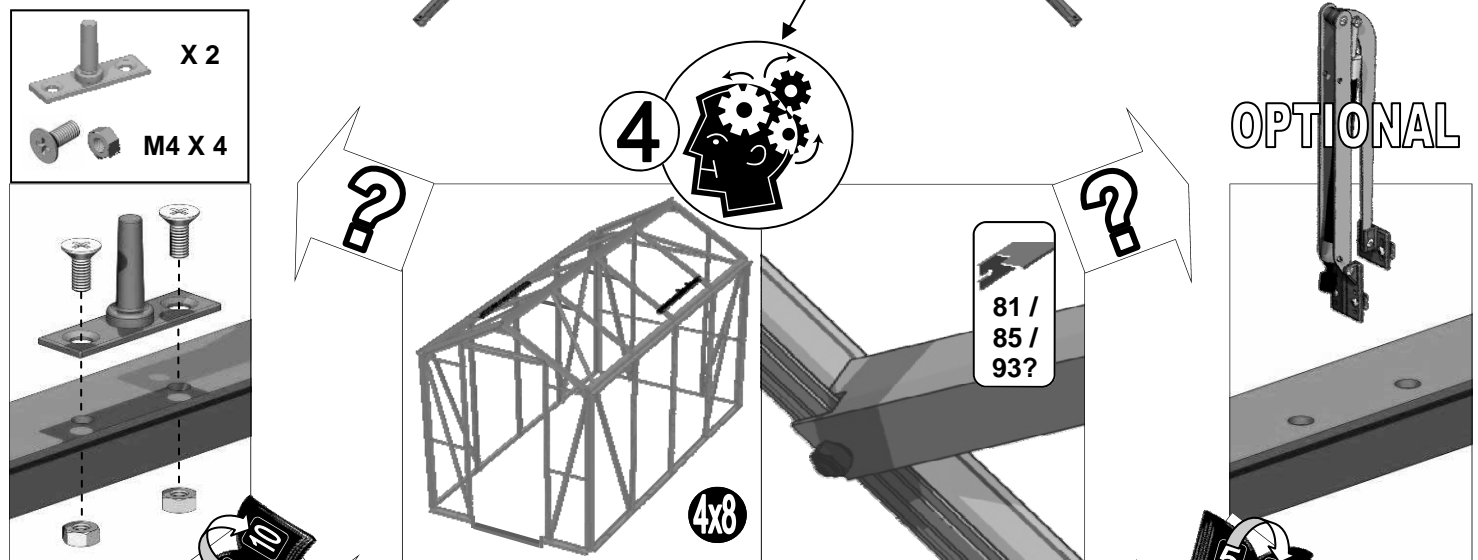
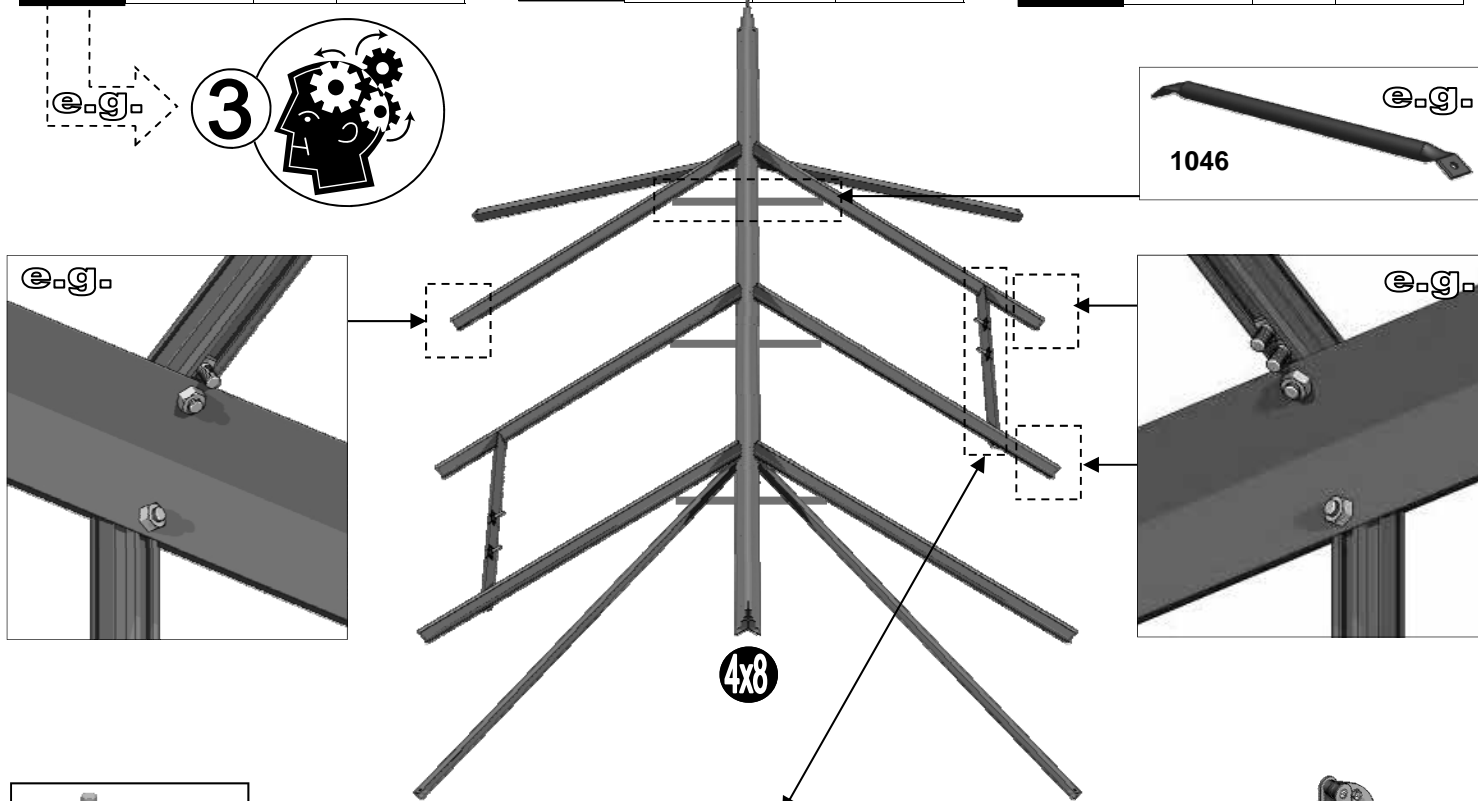
6'	Part No	mm	Quantity
	26	1860	1
	92	738	4
	93	636	1
	135	891	4
	1046	375	2



8'	Part No	mm	Quantity
	12	2480	1
	92	738	6
26	93	636	2
	135	891	4
	1046	375	3

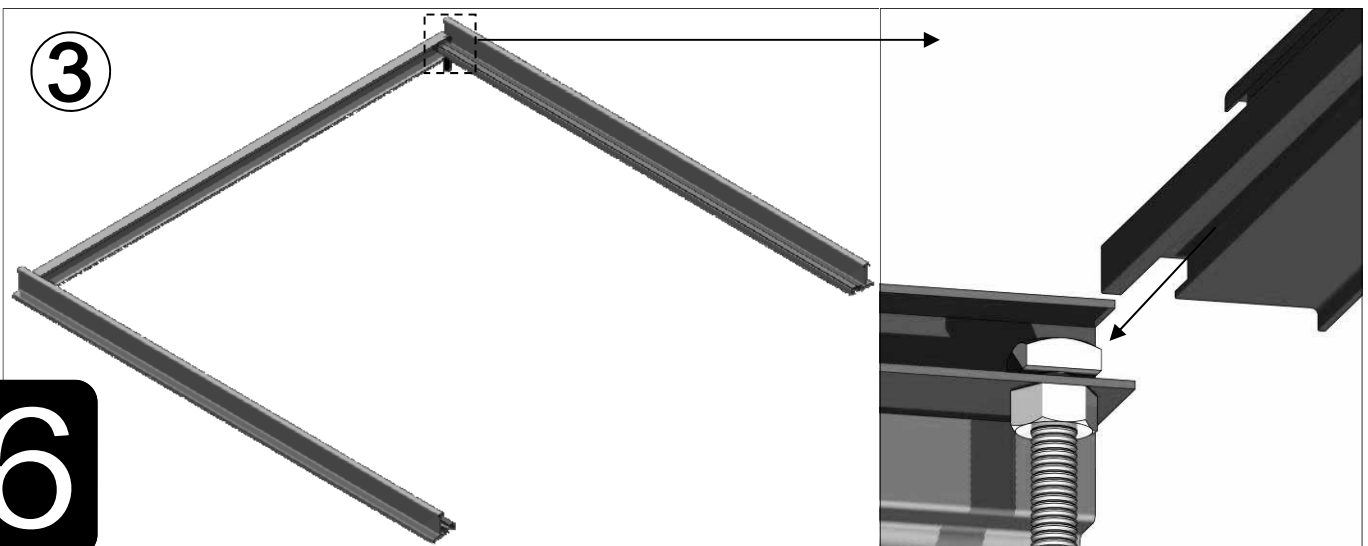
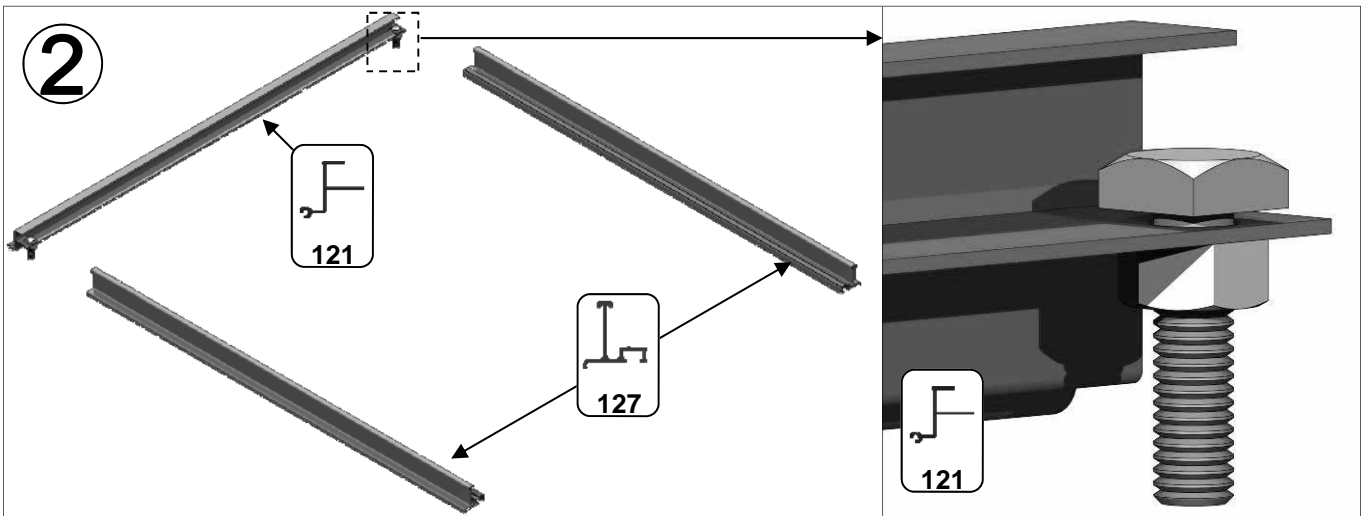
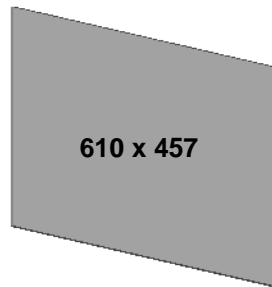
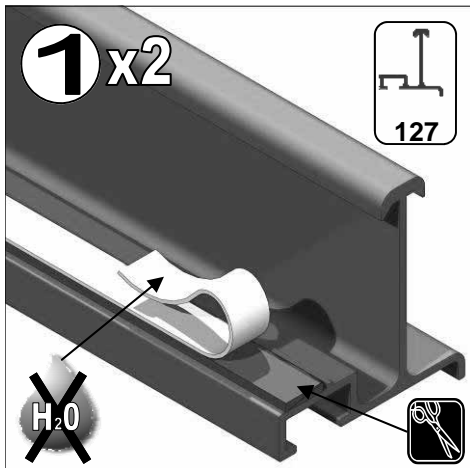
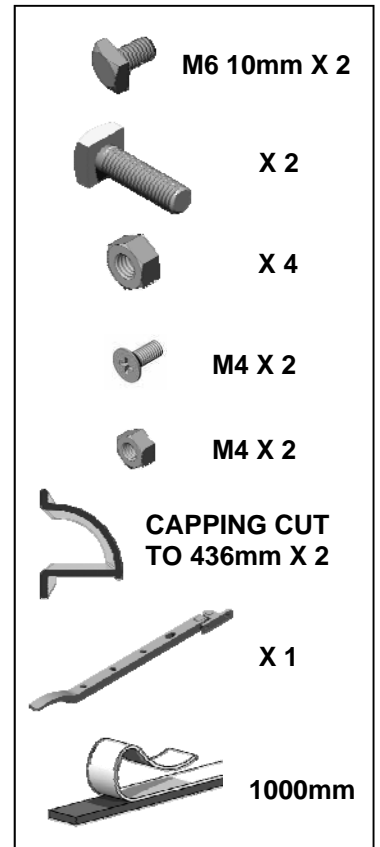
10'	Part No	mm	Quantity
	6	3100	1
	92	738	8
36	93	636	3
	135	891	4
	1046	375	4

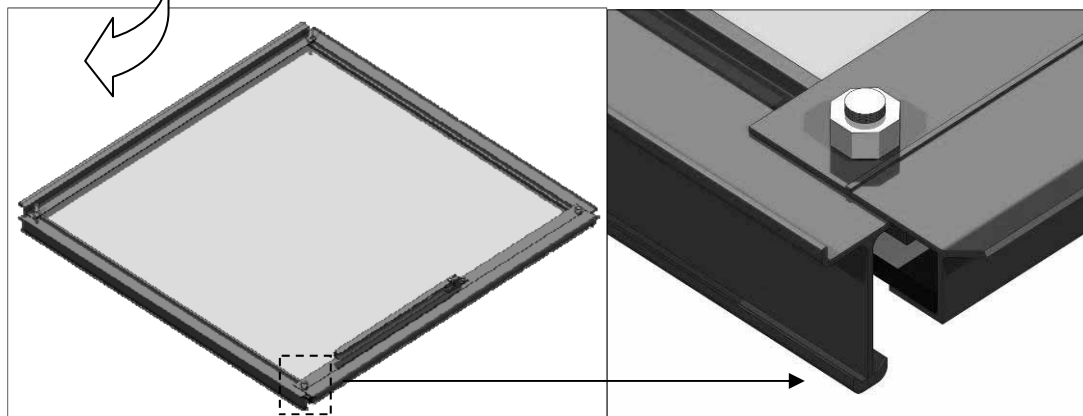
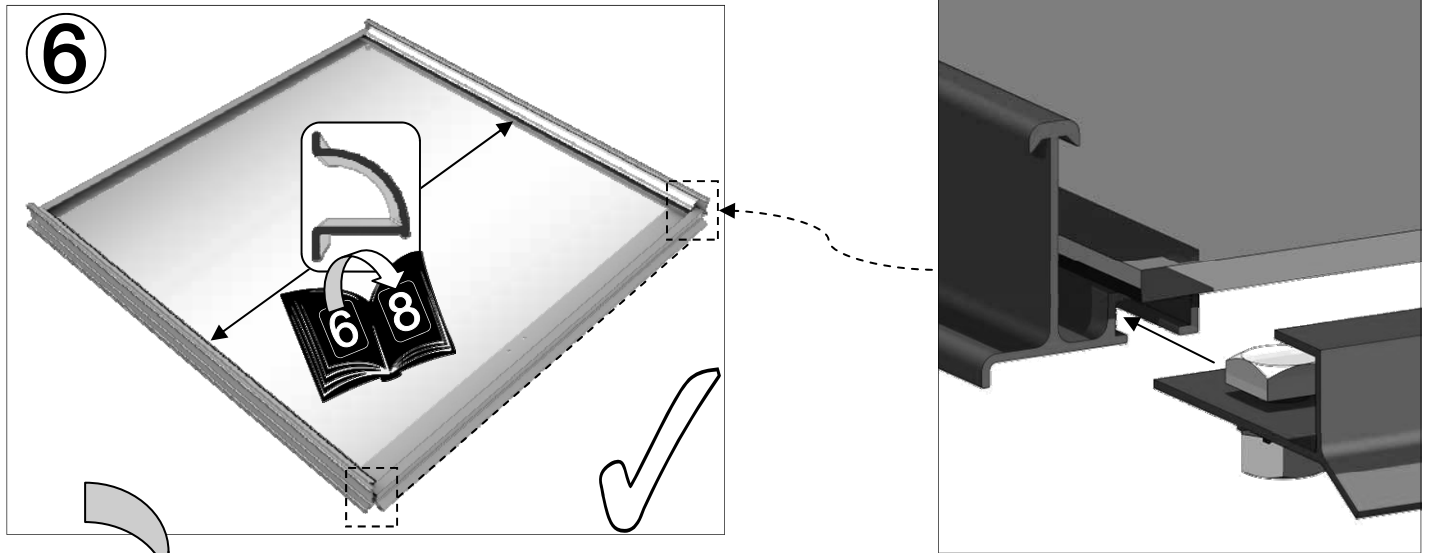
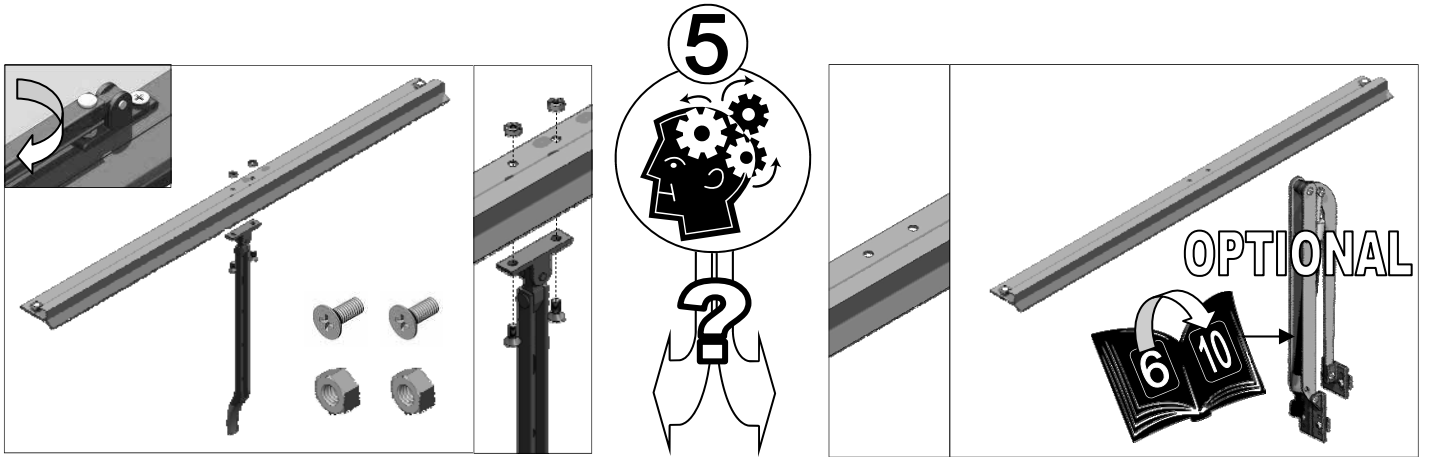
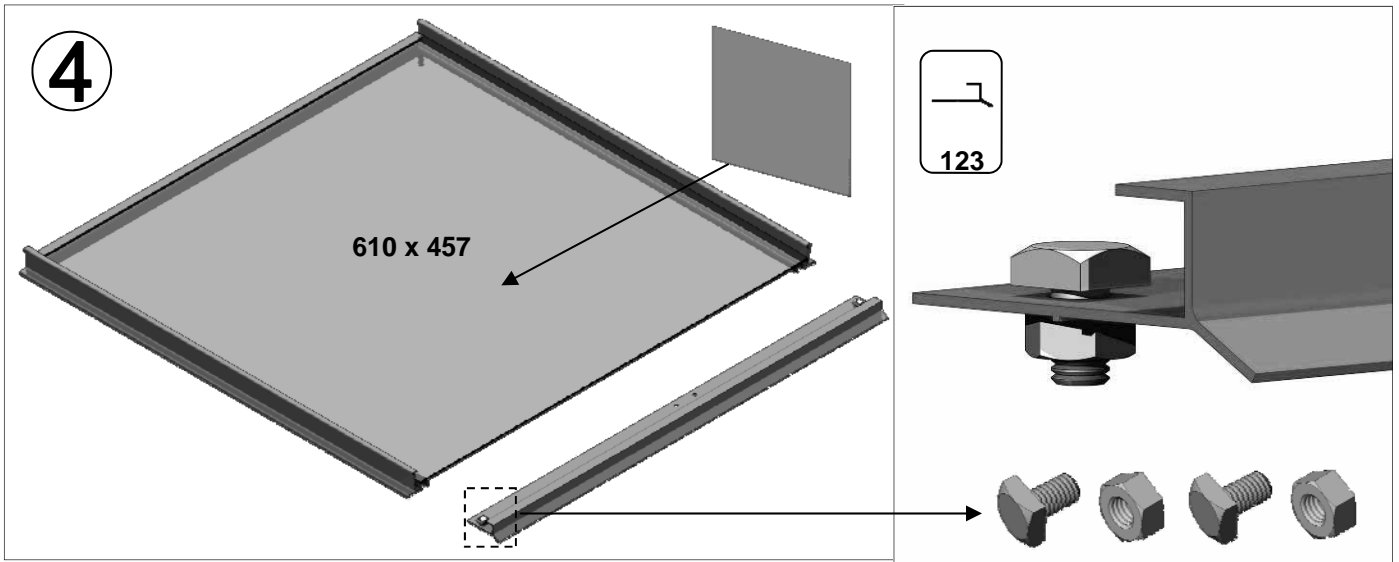
12'	Part No	mm	Quantity
	2	3720	1
	92	738	10
42	93	636	4
	135	891	4
	1046	375	5











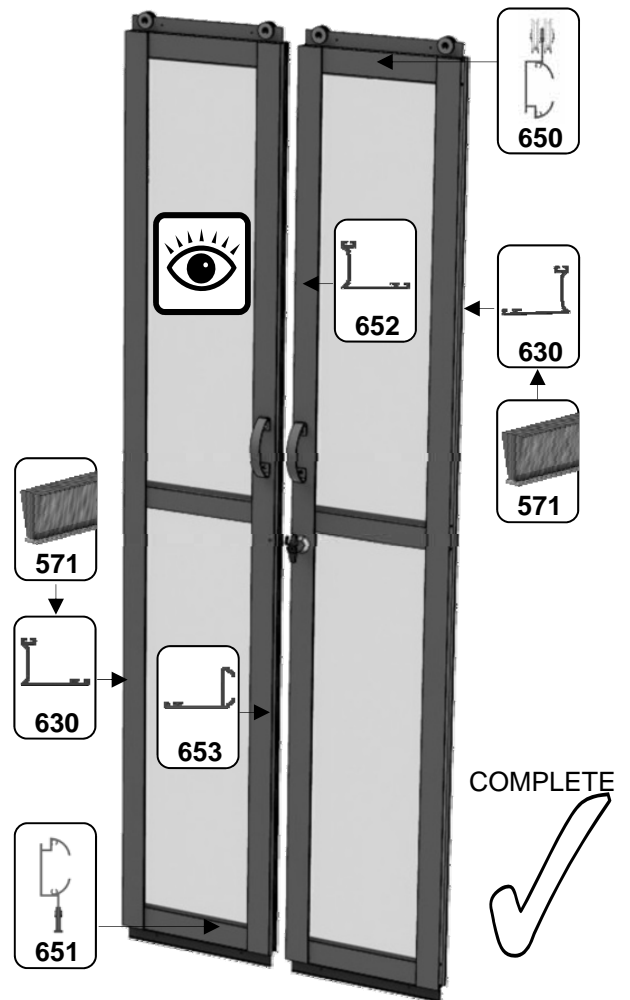
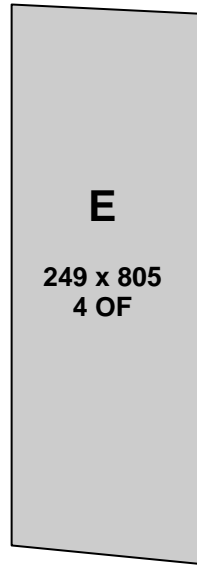
Part No	mm	Quantity
121	612	1
123	612	1
127	457	2





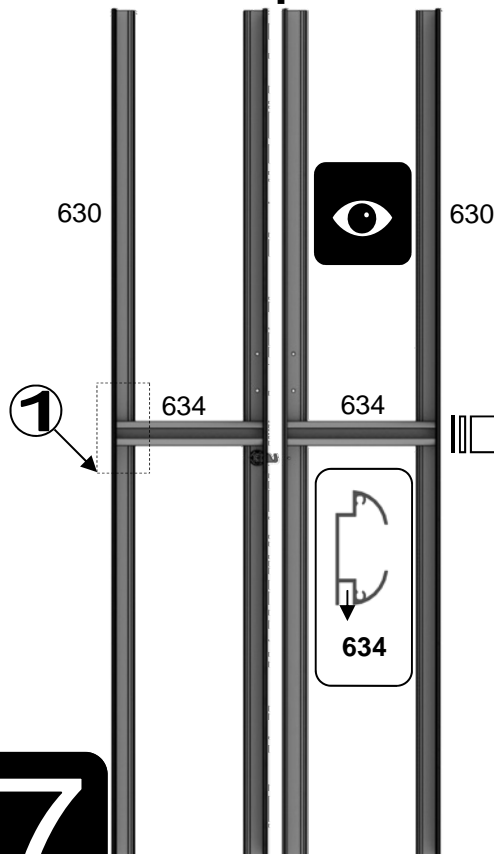
6

Part No	mm	Quantity
630	1730	2
634	306	2
650	306	2
651	306	2
652	1730	1
653	1730	1
384		2
629		8
571		1 (4m)
583		24
SYBOLM6X11		4
SYNUTM6		4

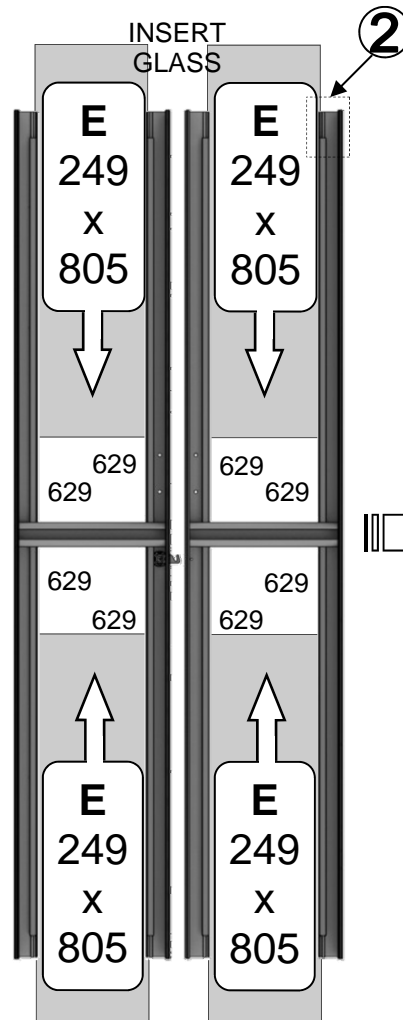


START

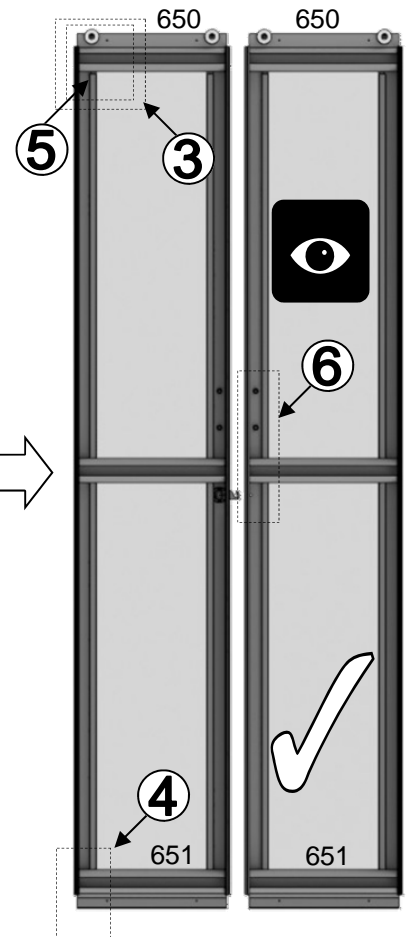
Tops

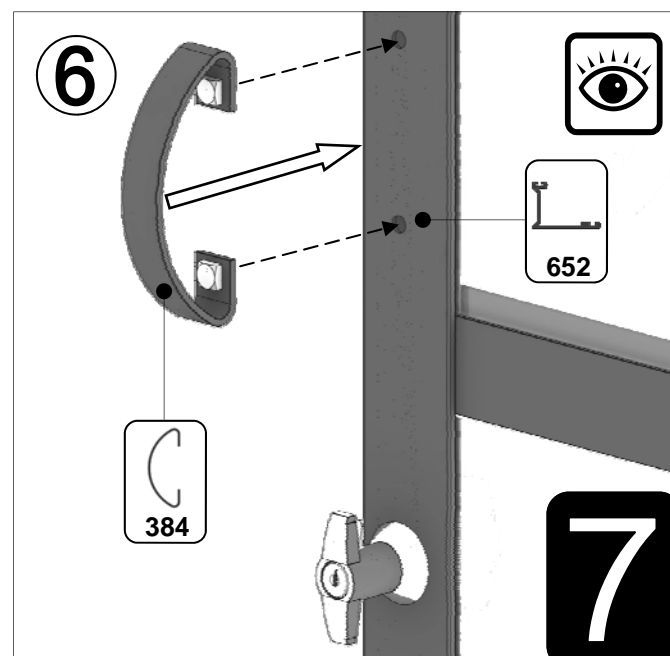
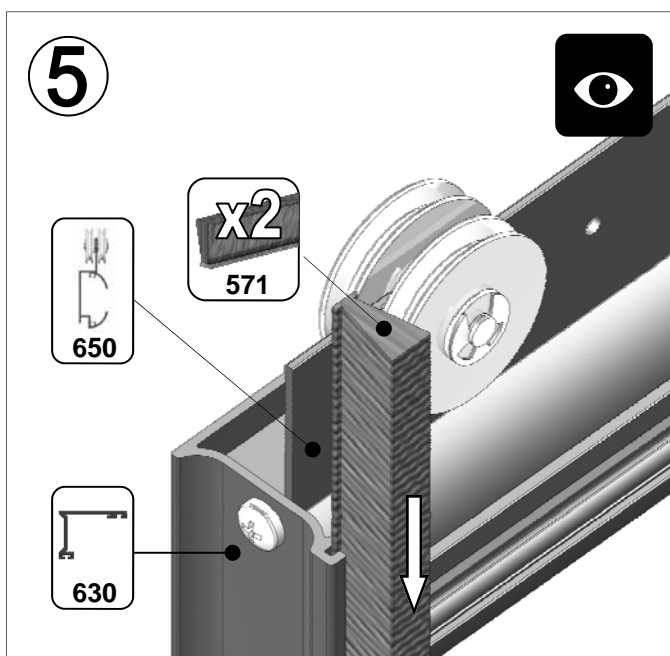
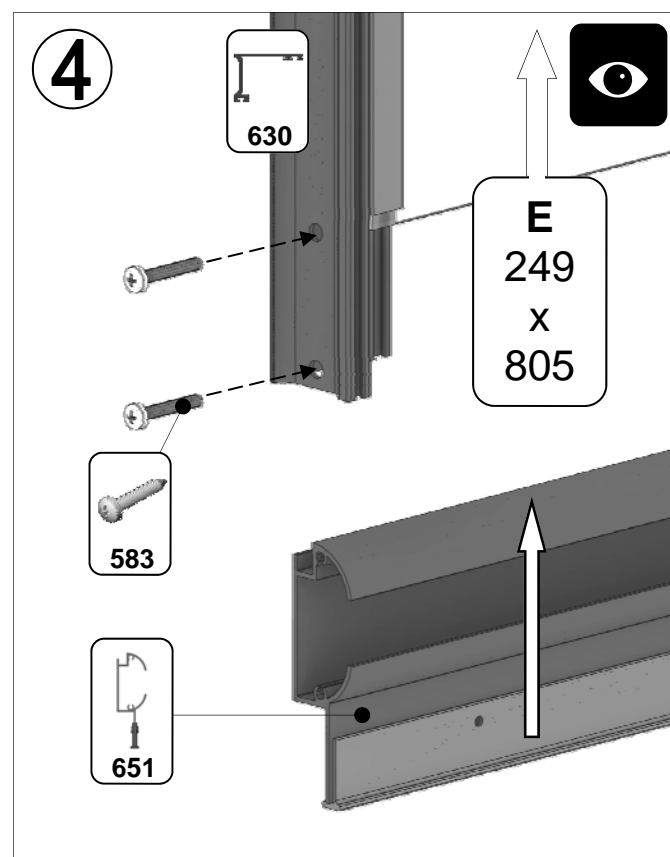
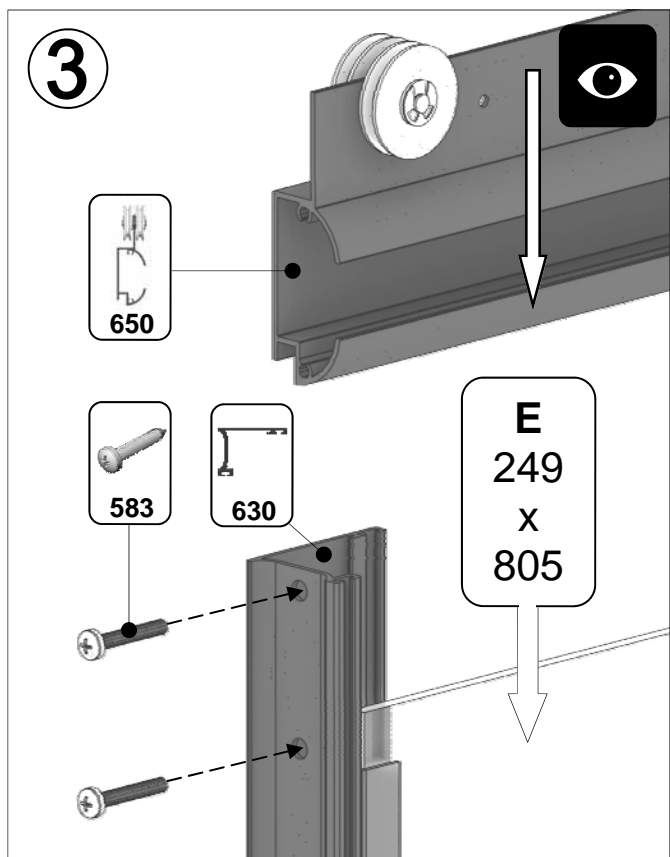
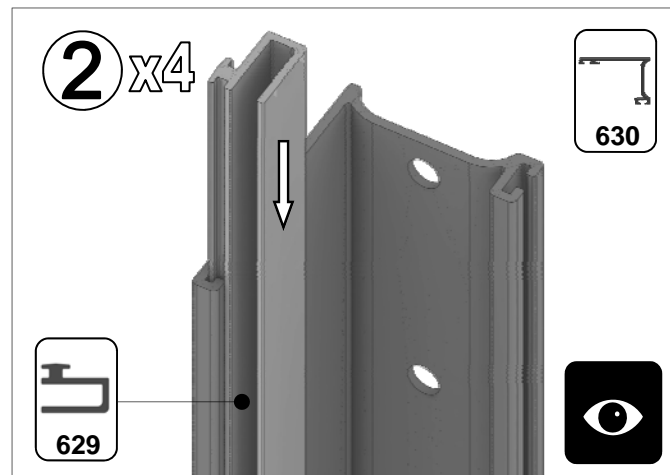
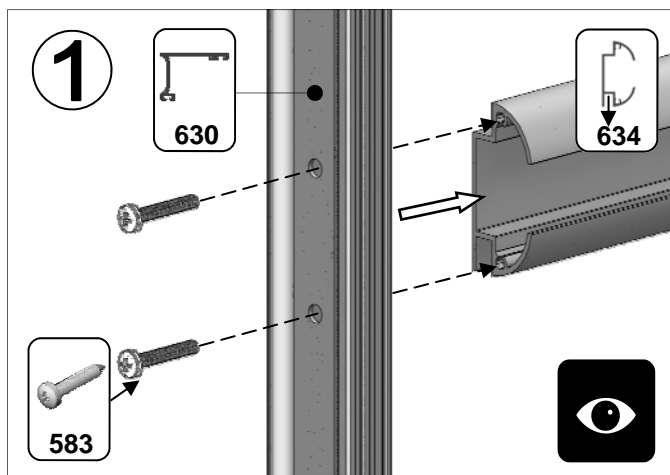


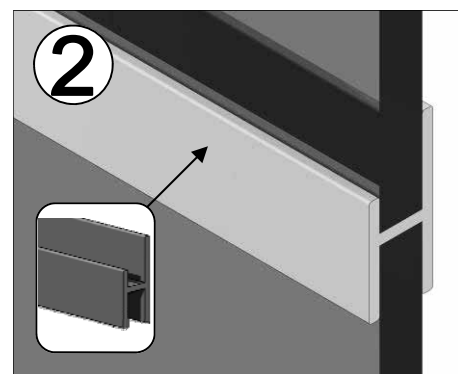
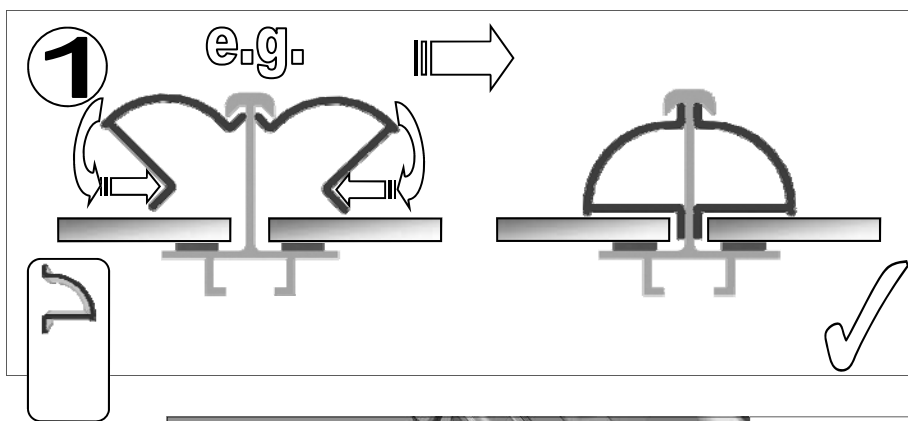
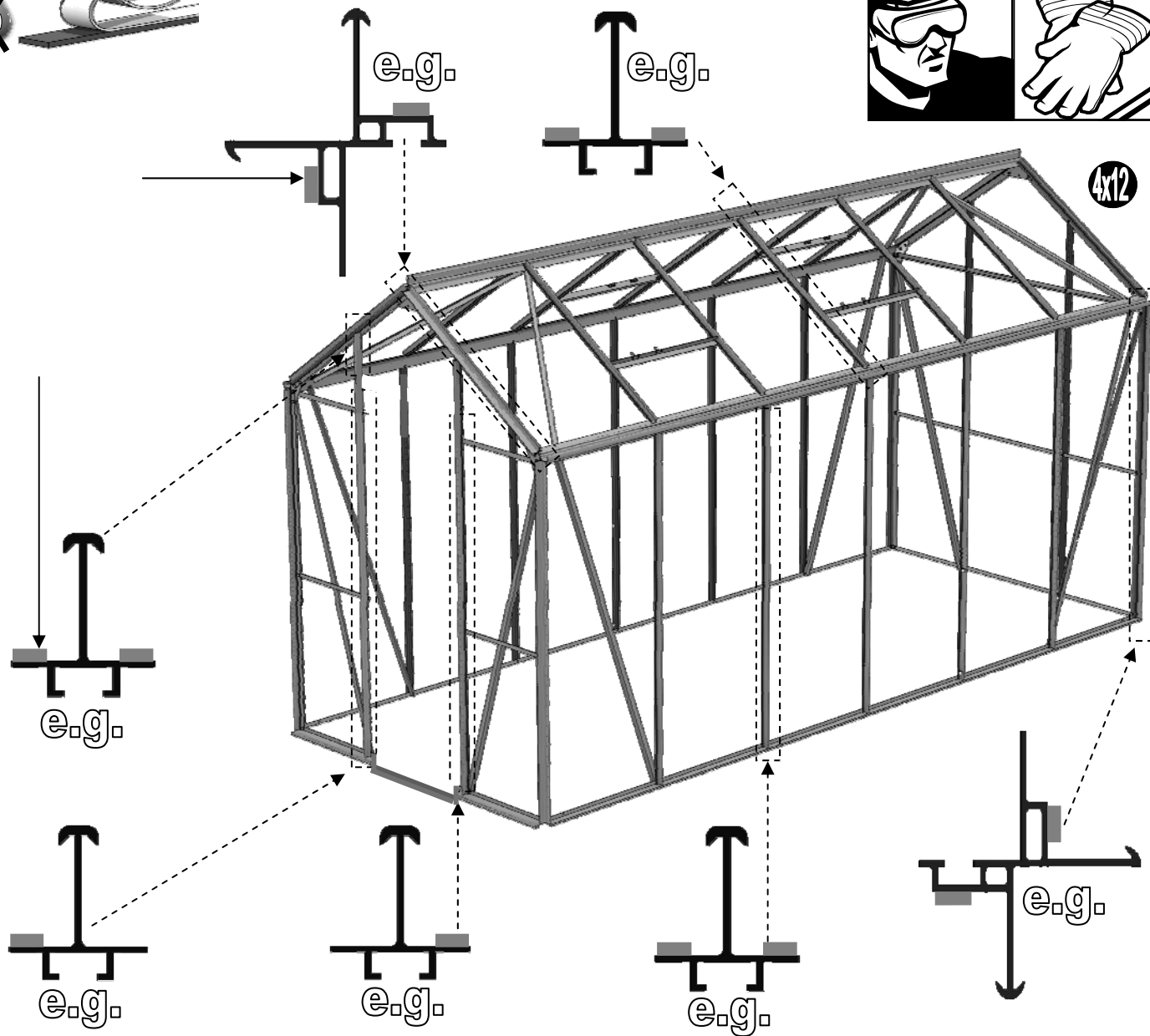
INSERT
GLASS



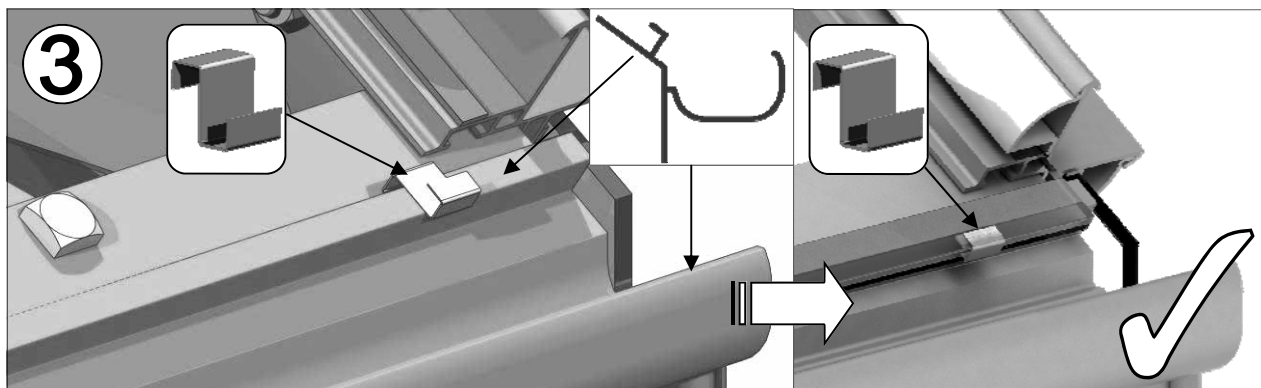
FINISH







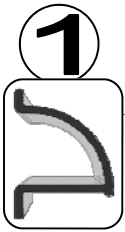
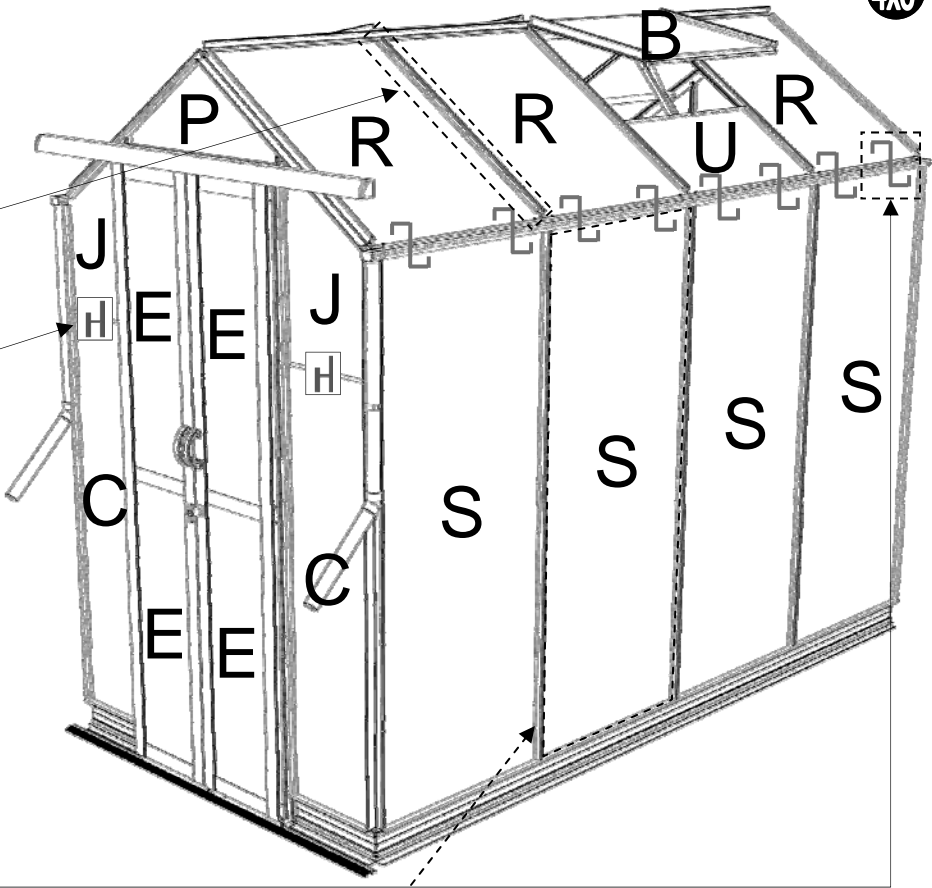
8





4 YORK TOUGHENED GLASS

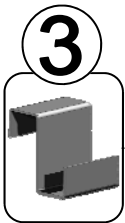
4x8



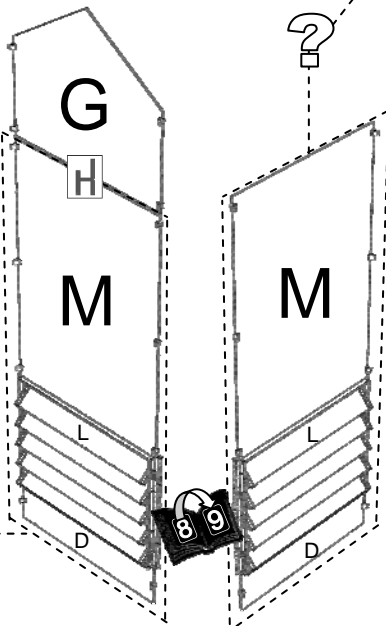
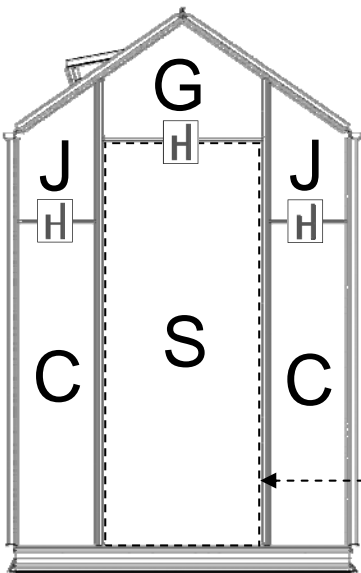
e.g.




e.g.

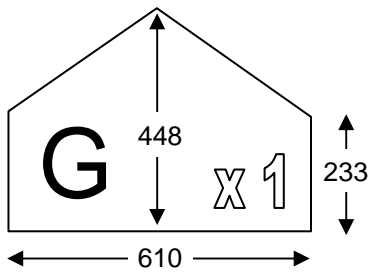
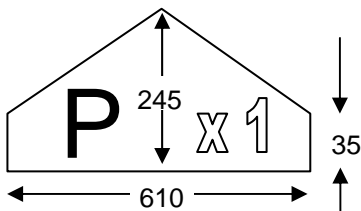
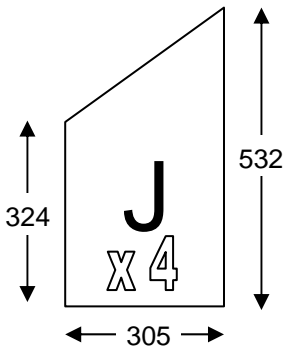





e.g.

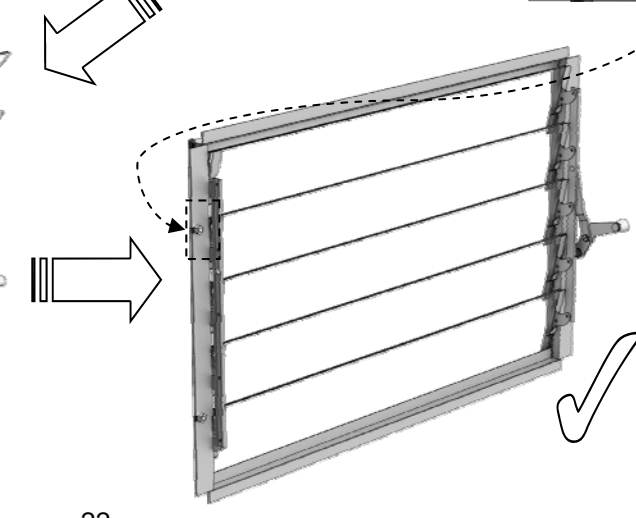
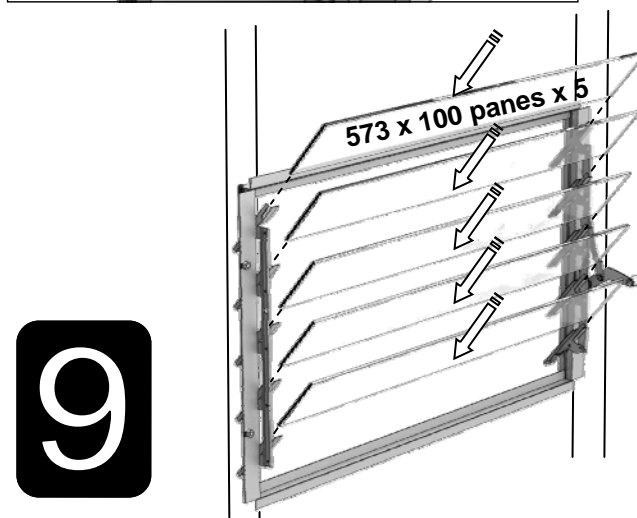
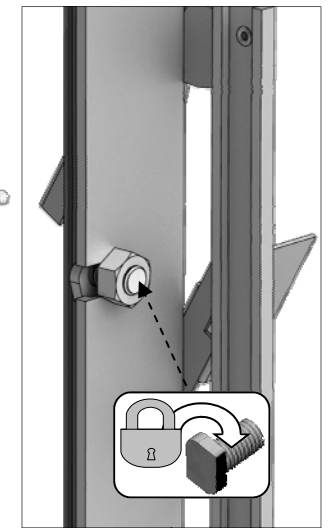
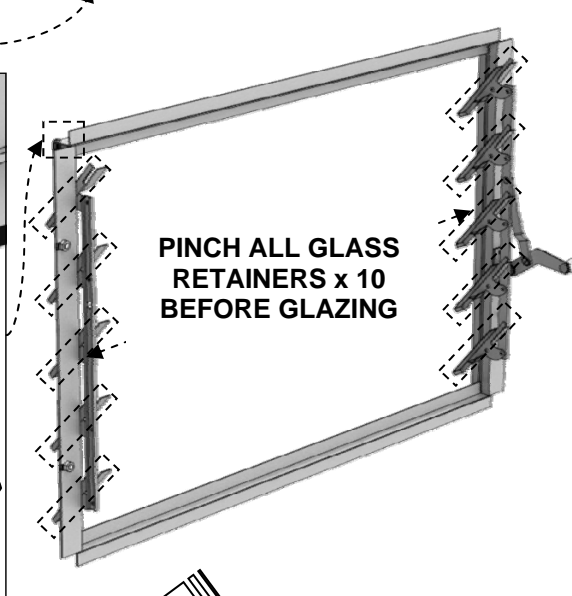
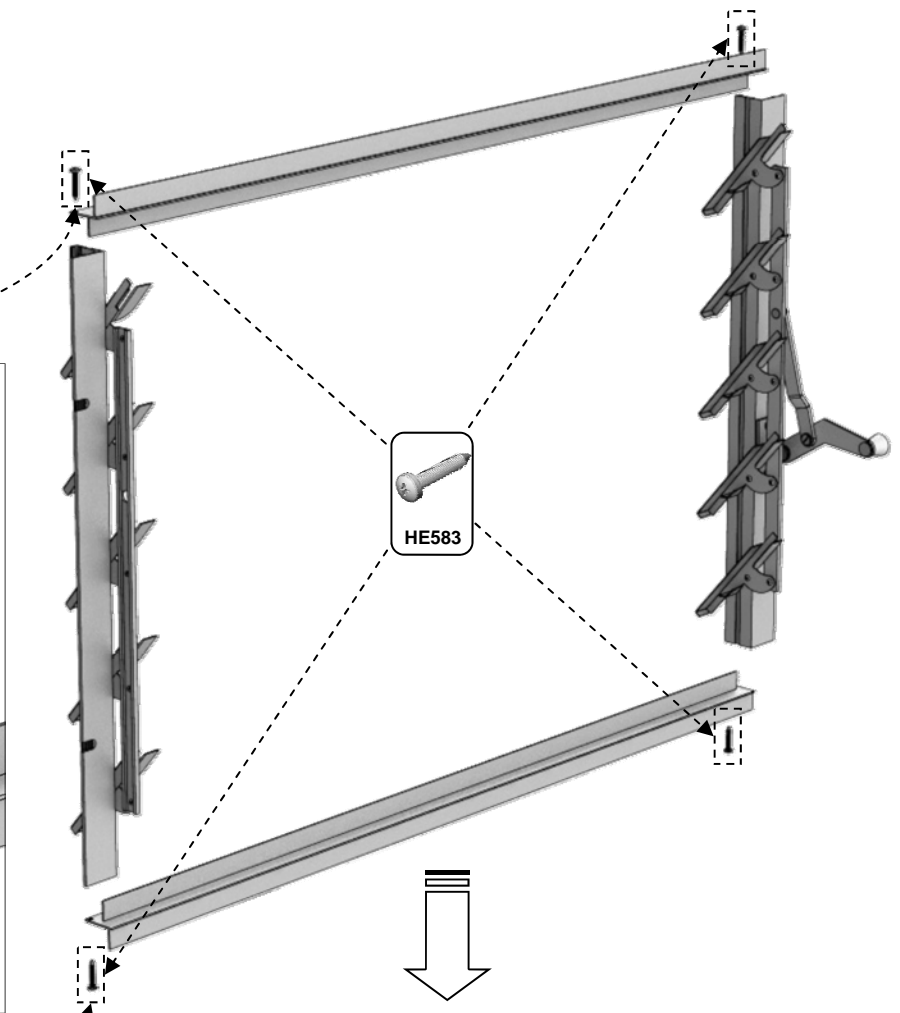
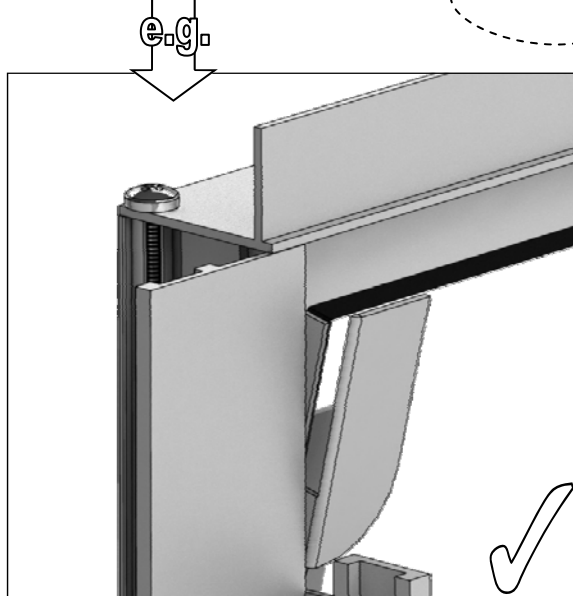
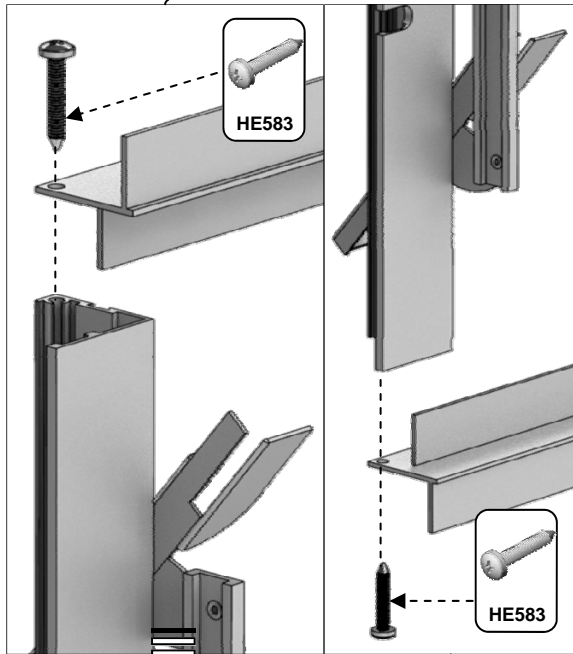


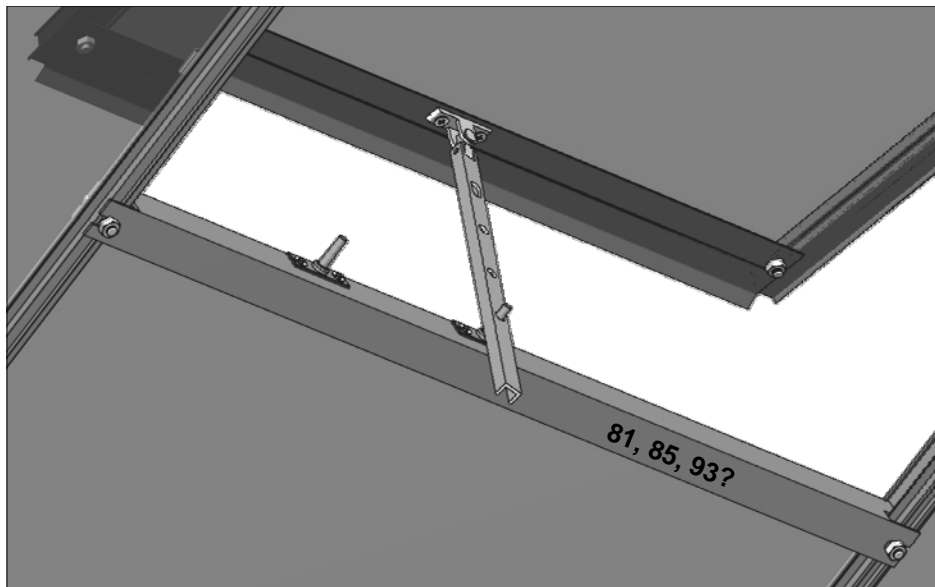
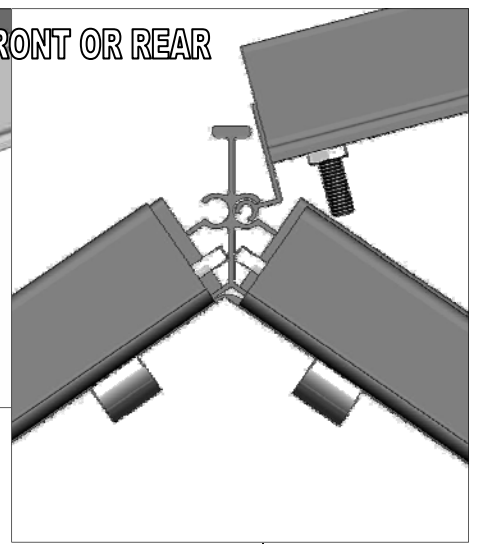
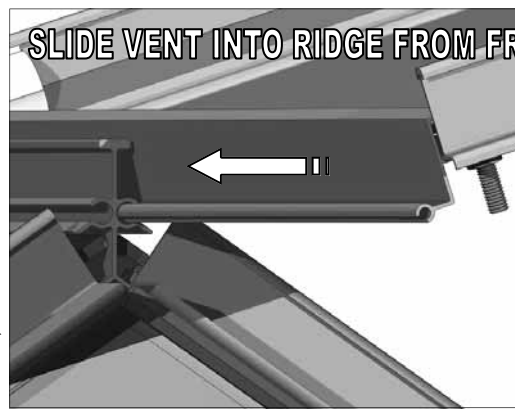
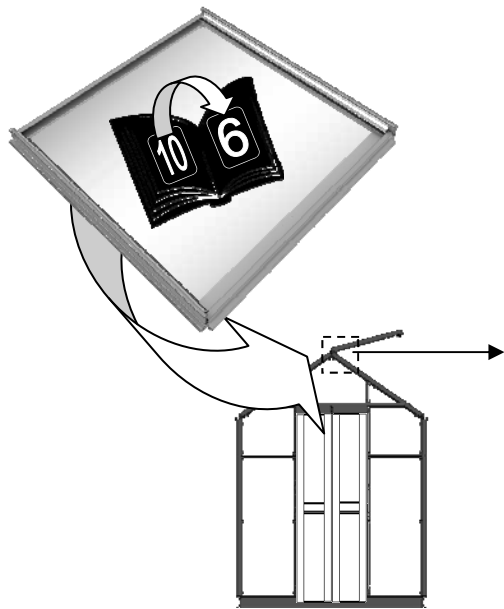
	Size (mm)	2'	4'	6'	8'	10'	12'
S	610 x 1500	3	5	7	9	11	13
R	610 x 759	1	3	5	6	7	8
B	610 x 457	1			2	3	4
U	610 x 312	1			2	3	4
M	610 x 904	1				2	
D	610 x 153	1				2	
L	573 x 100	5				10	
C	305 x 1197	4					
E	249 x 805	4					
	610mm (ROSEPS)	3 (2 NEED TO BE CUT IN HALF)					

LOUVRE MUST GO BACK CENTRE ON THE 4X2 / 4X4 MODELS

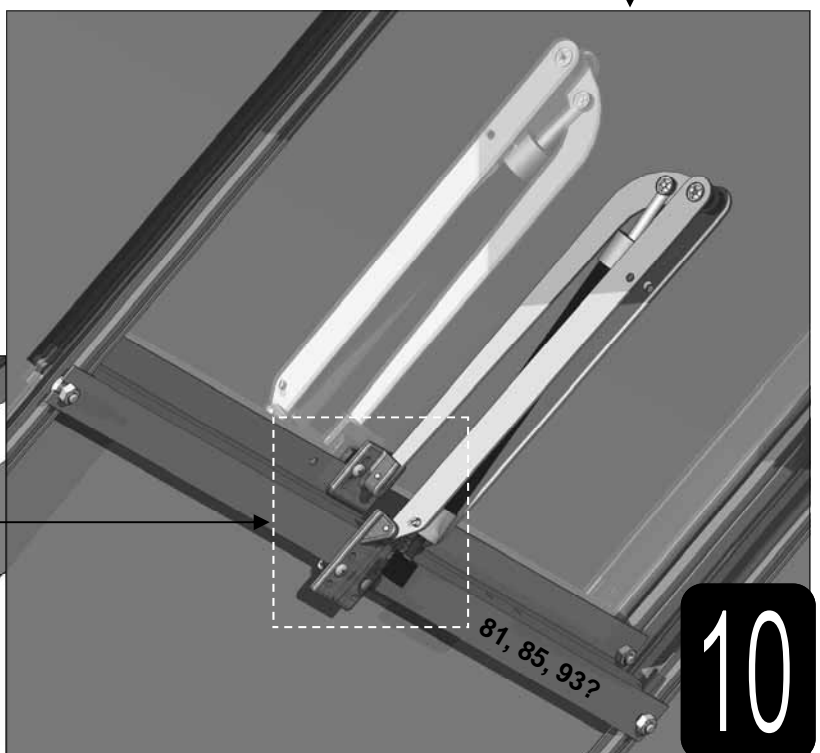
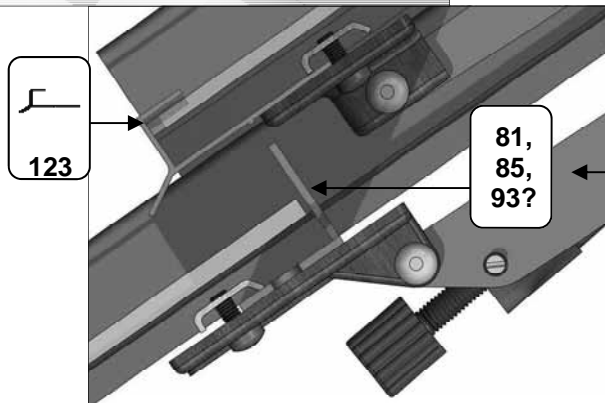
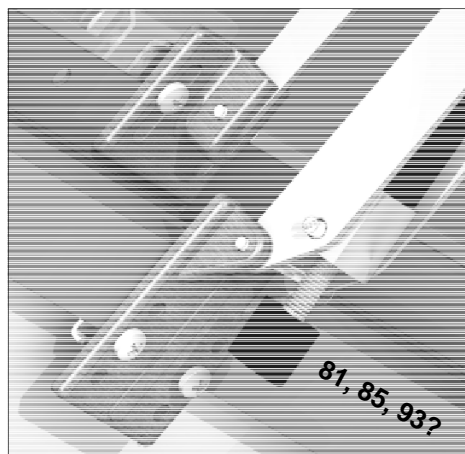


9	Part No	HE583	SYBOL M6X11 CROP	SYNUT M6
	Detail			
	Length 'mm'	19	11	N/A
	Quantity	4	4	4



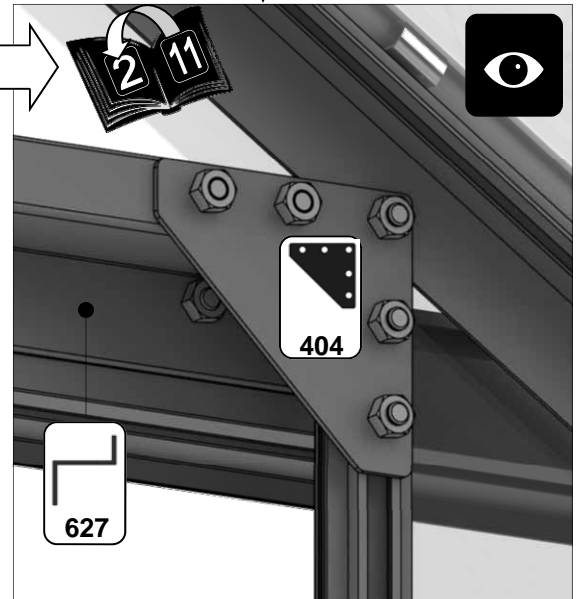
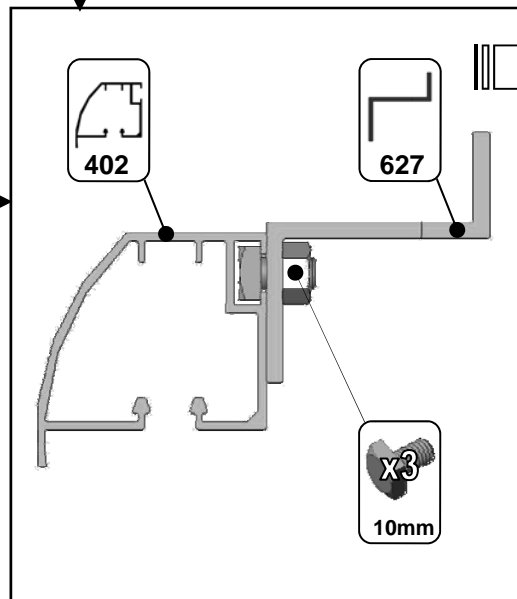
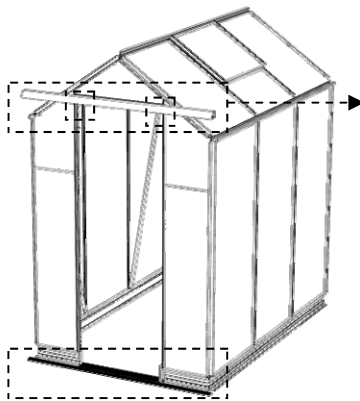
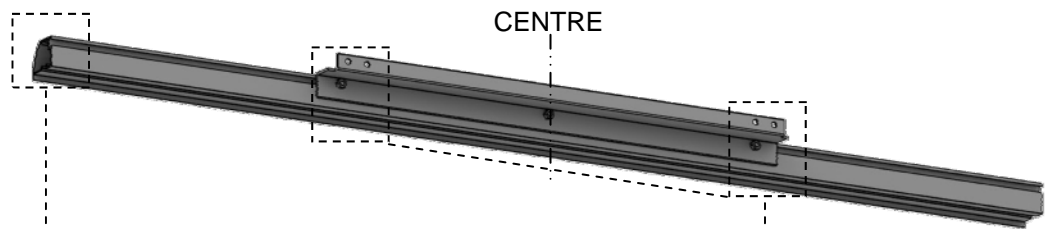


OPTIONAL

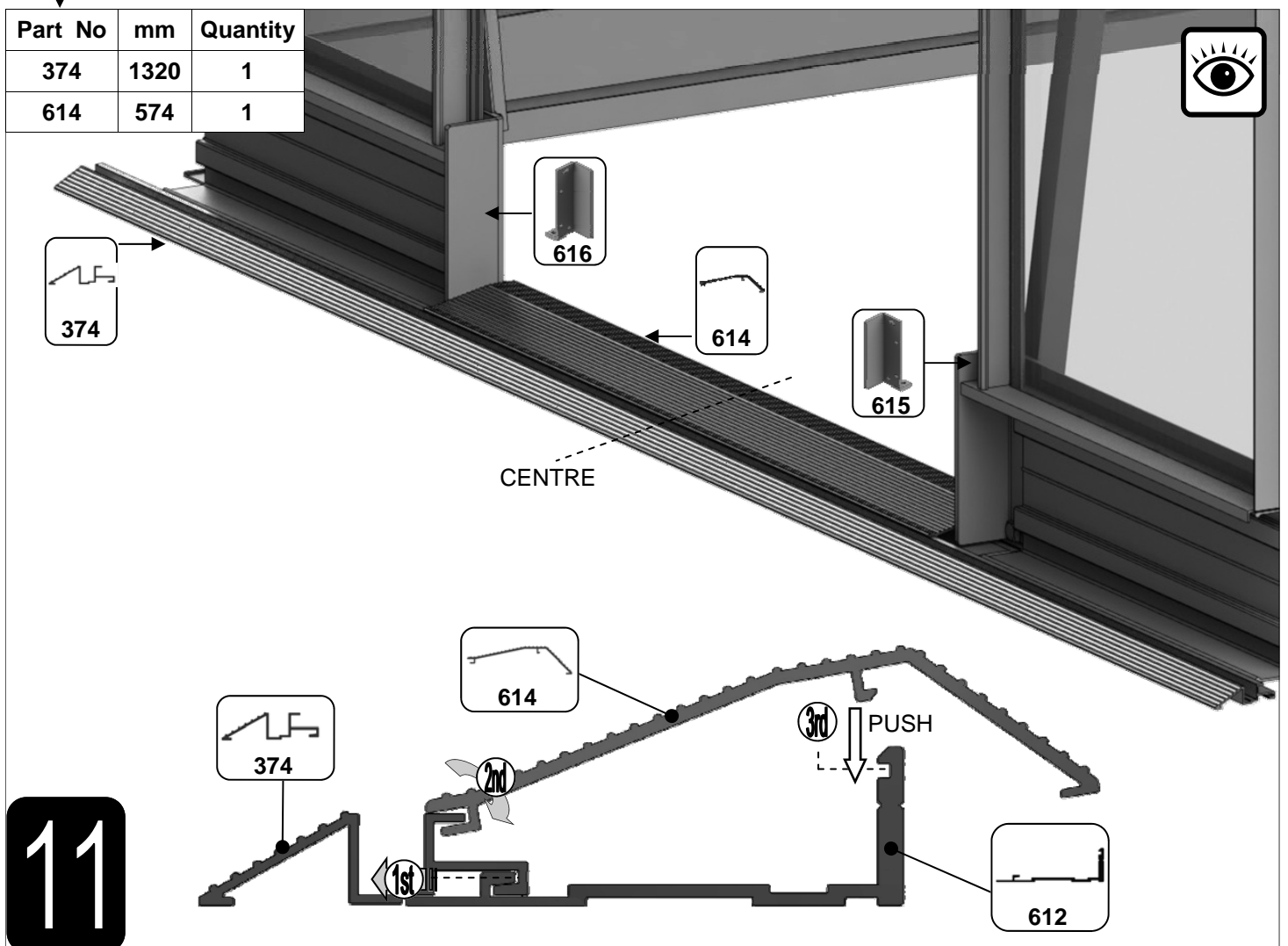


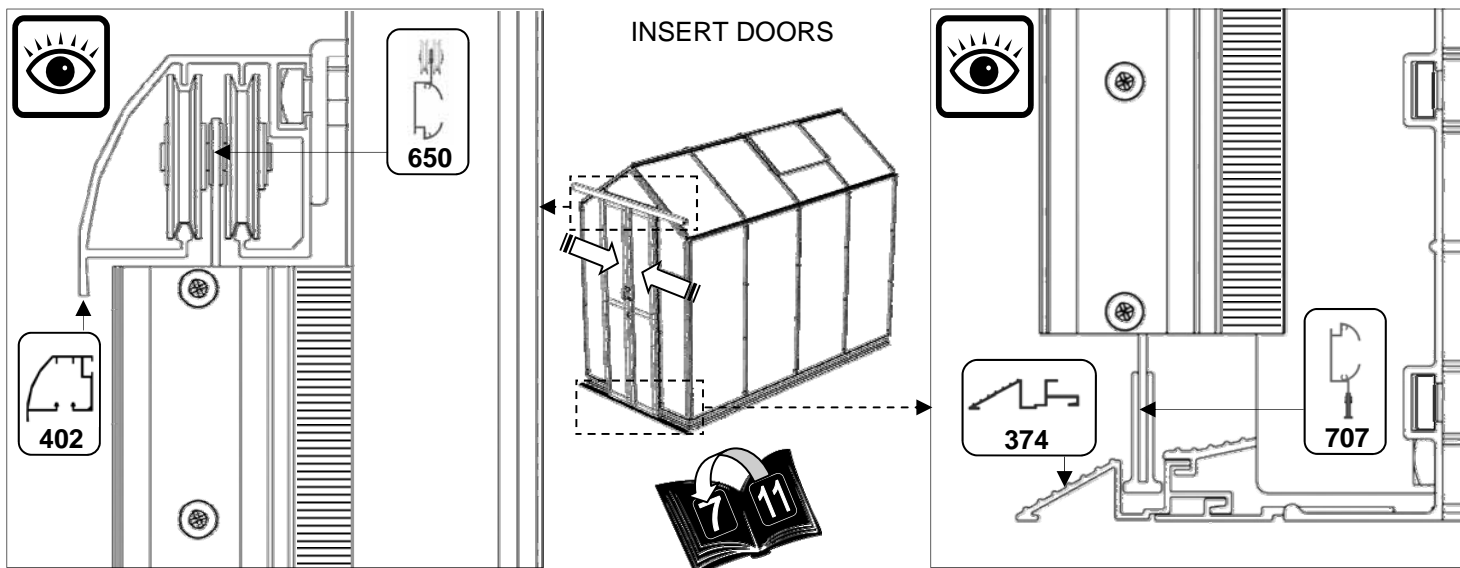
10


Part No	mm	Quantity
402	1320	1
627	612	1
SYBOLM6X11		7
SYNUTM6		7

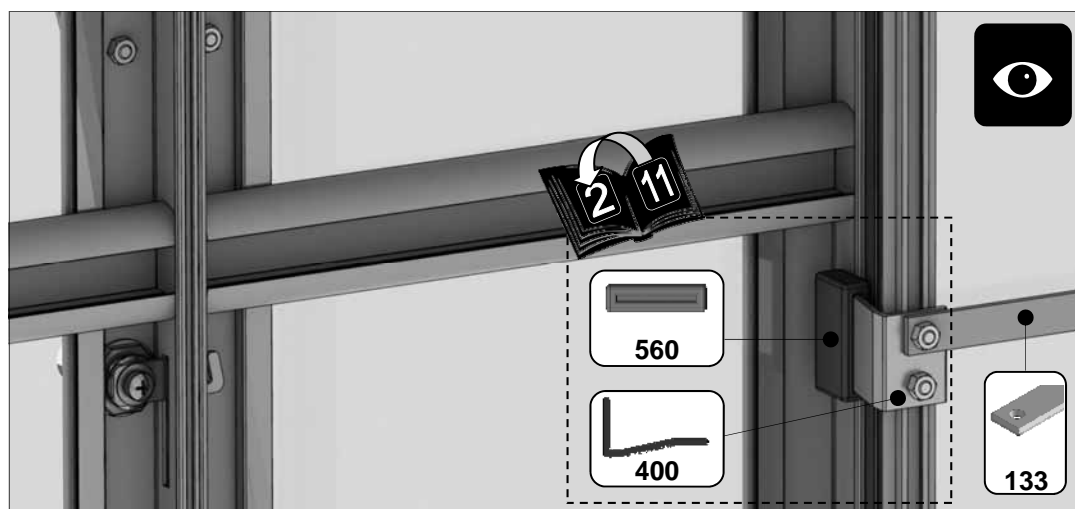
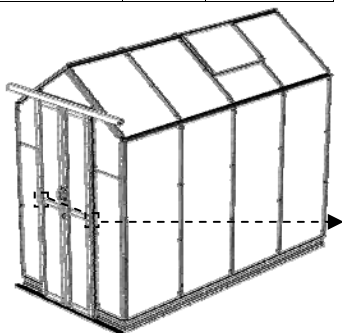




Part No	mm	Quantity
374	1320	1
614	574	1

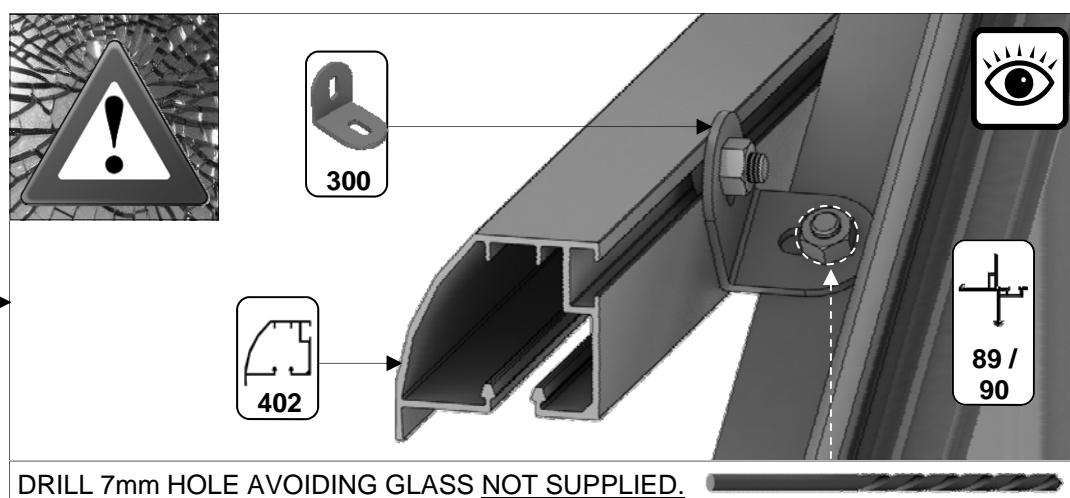
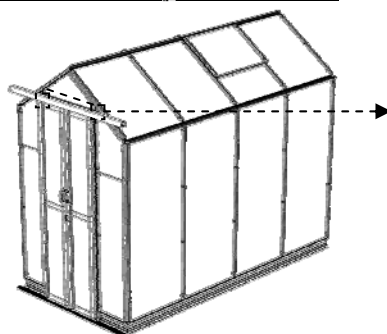




Part No	mm	Quantity
400	n/a	2
560	n/a	2
SYNUTM6		2



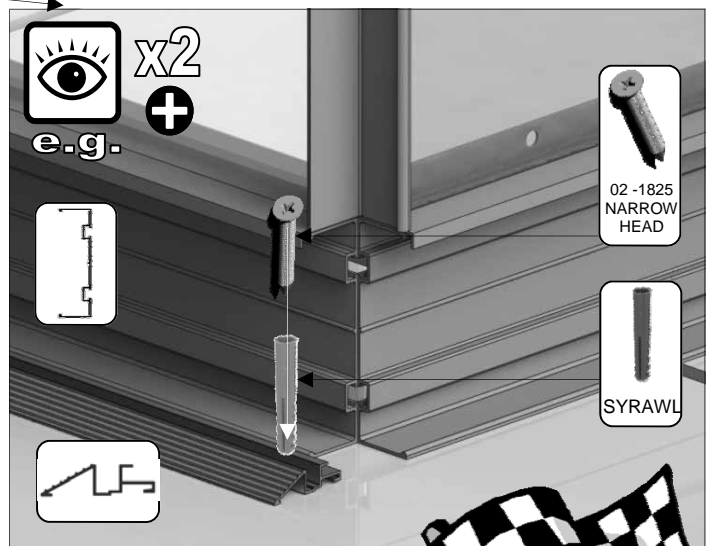
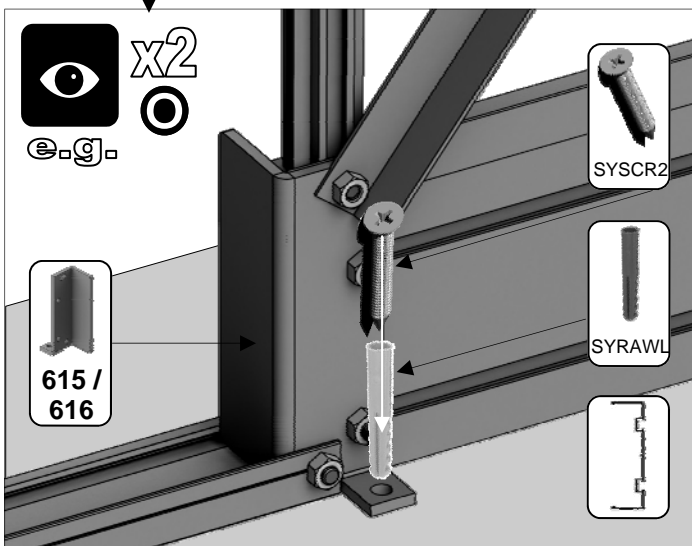
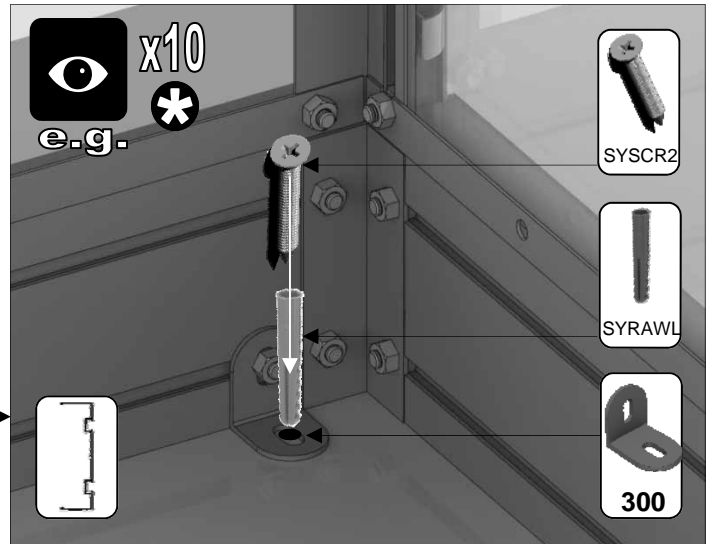
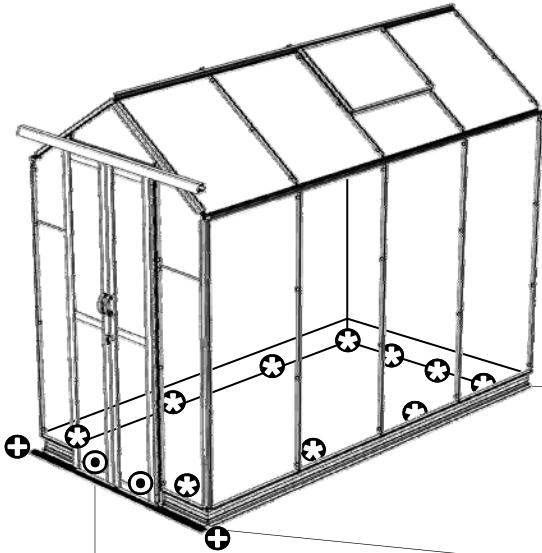
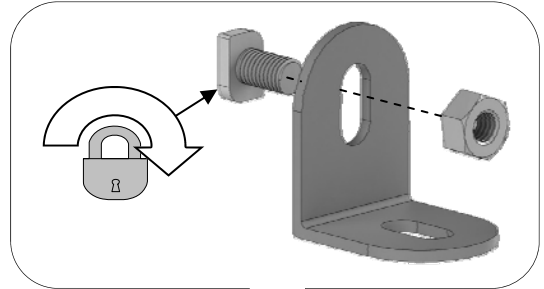
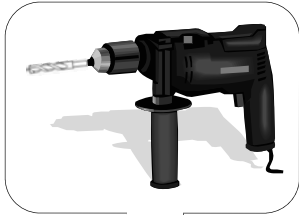
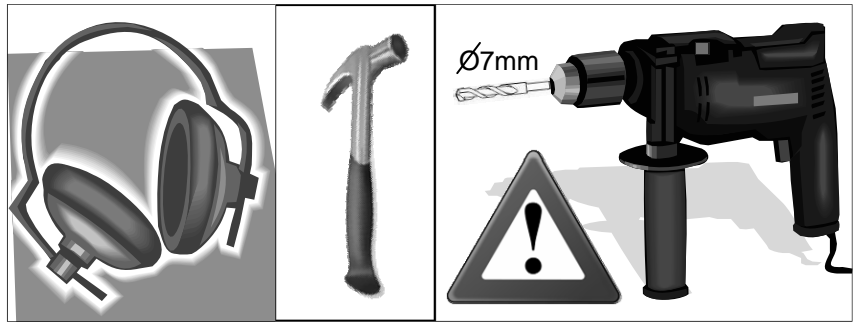
Part No	mm	Quantity
300	n/a	2
SYBOLM6X11		4
SYNUTM6		4



DRILL 7mm HOLE AVOIDING GLASS NOT SUPPLIED.

11

Part No	mm	Quantity
02 -1825 NARROW HEAD		2
SYSCR2		10
SYRAWL		12
300		10
SYBOLM6X11CROP		10
SYNUTM6		10



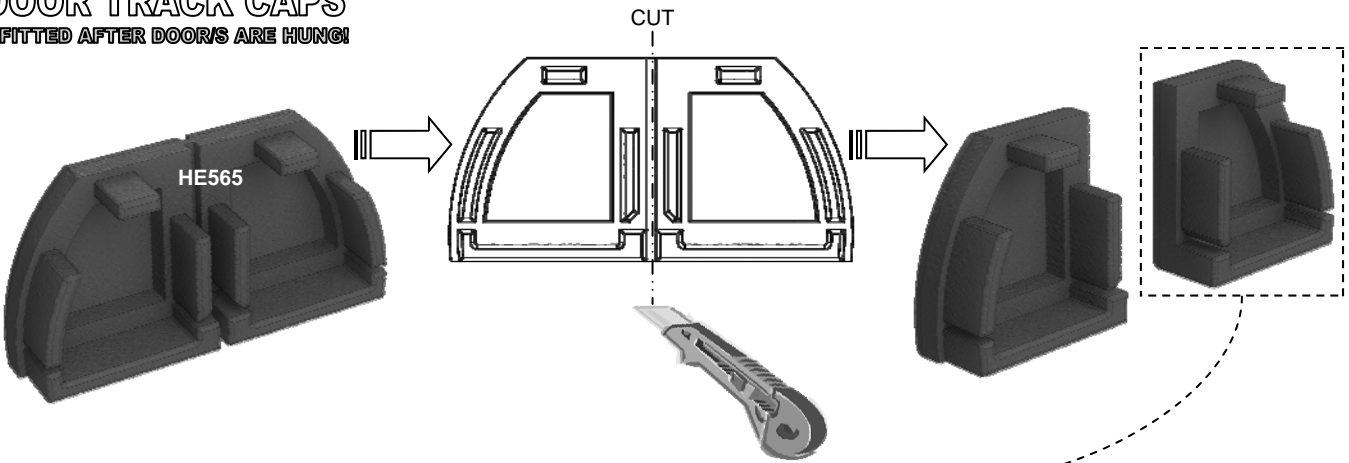
12



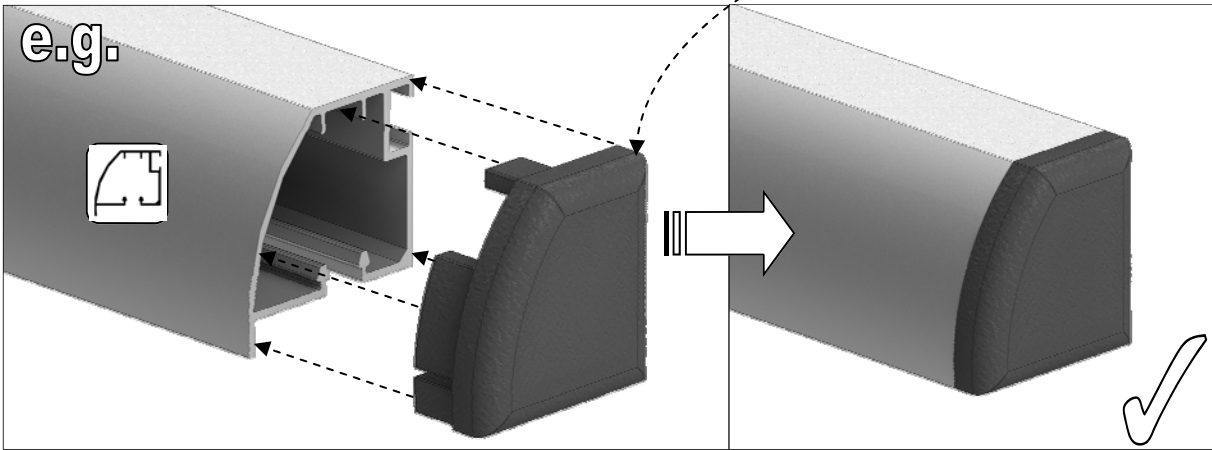
HE565 DOOR TRACK CAPS

TO BE FITTED AFTER DOOR/S ARE HUNG!
















1^(st)













2^(nd)



HE-YOR FRAME SMALLS INC. BASE (E.G. 4' OCG = HESMAGLO54C)

Part No.	Section	2'	4'	6'	8'	10'	12'
SYBOLM6 X11		91	103	119	131	145	155
SYBOLM6 X15		8					
SBOLM6 X11CROP		22	21	20			
SYNUTM6		121	132	147	159	173	183
SYZCLIP		4	8	12	16	20	24
HE300/C		10					
SY613/C		4					
SY201/C		2					
SY200/C		4					
SYSMA VENT/C	VENT SMALLS	1		2	3	4	
SY STAY/C		1		2	3	4	
SYSCR2		10					
02-1825		2					
SYRAWL		12					
D250B (=100)		121	132	147	159	173	183
SY159/C		10					

DOOR PACK SMALLS

Part No.	Section	2'	4'	6'	8'	10'	12'
HE300/C		2					
SY616/C		1					
SY615/C		1					
HE384/C		2					
HE583		24					
HE565		1					
HE571		4m OF DRAFT EXCLUDER					
HE400/C		2					
HE560		2					
HE404/C		2					

No	mm	2'	4'	6'	8'	10'	12'
1	3720						2
2	3720						1
3	3720						2
5	3100						
6	3100						
8	3100						
12	2480				1		
14	2480				2		
17	2480				2		
21	1586	2	2	4	4	4	4
25	1860			2			
26	1860			1			
27	1860			2			
42	1730	2	2	2	2	2	2
43	1730	2	2	2	2	2	2
47	1504	0	2	4	6	8	10
48	1488	4	4	4	4	4	4
55	1240		2				
57	1240		1				
58	1240		2				
59	1236	1	1	1	1	1	1
62	1216	1	1	1	1	1	1
63	1216	1	1	1	1	1	1
76	1504	2	2	2	2	2	2
77	1504	2	2	2	2	2	2

No	mm	2'	4'	6'	8'	10'	12'
78	620	2					
81	618	1					
85	622		1				
88	620	1					
89	727	2	2	2	2	2	2
90	727	2	2	2	2	2	2
91	620	2					
92	738		2	4	6	8	10
93	636			1			
121	612	1	1	1	2	3	4
123	612	1	1	1	2	3	4
127	457	2	2	2	4	6	8
132	304	2	2	2	2	2	2
133	304	2	2	2	2	2	2
135	891		2	4	4	4	4
611	326	2	2	2	2	2	2
1046	375		1	2	3	4	5
		1	1	1	2	3	4
		3	3	4	5	5	5
	1210 SYBGCW) (PLASTIC)	8	12	16	20	24	28
	1500 SYBGCW) (PLASTIC)	8	12	16	20	24	28
	2000 SYBGCW) (PLASTIC)	6	6	6	6	6	6
1 'BETA' Mini Double Door Box							
1 smalls pack for correct size of building							
BOX PACKED BY							

4 YORK packing List