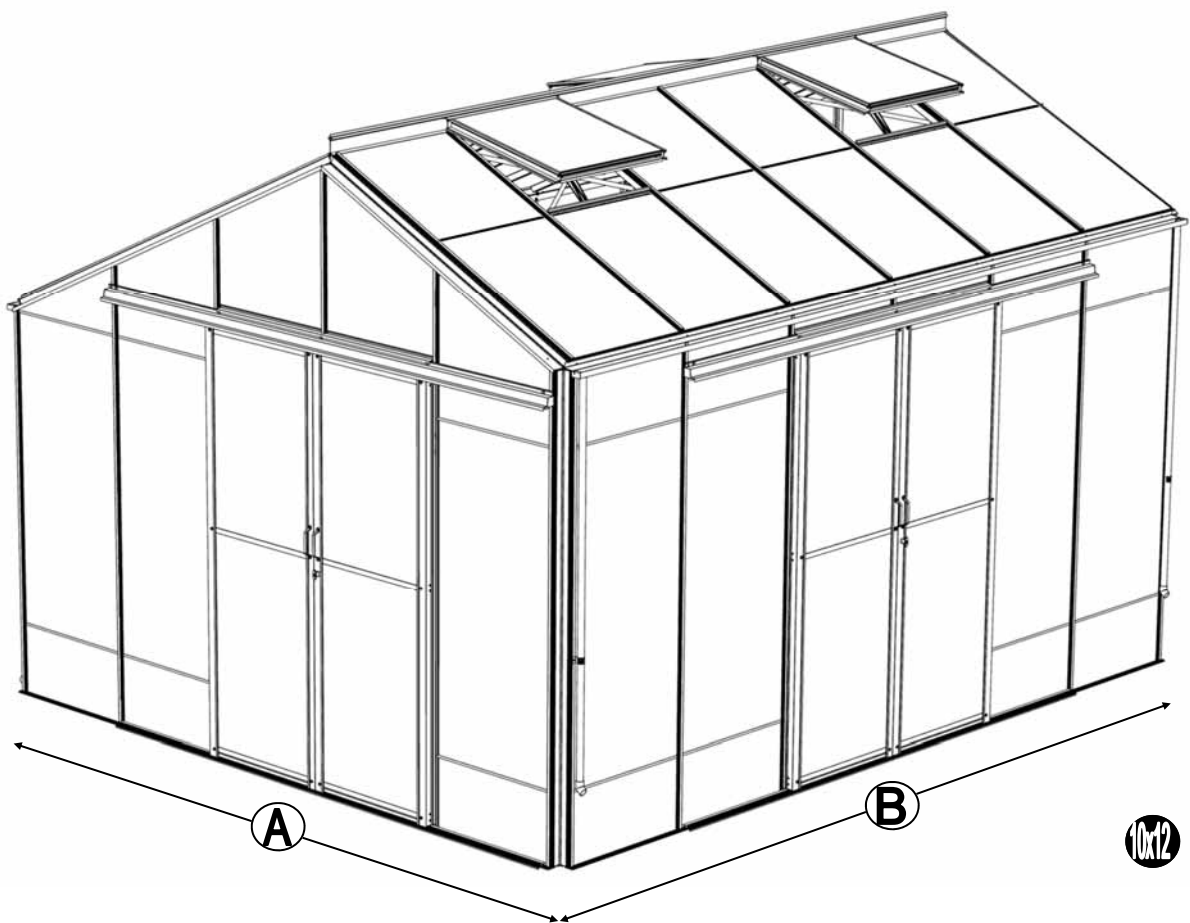




Redoubtable Assembly Instructions



NOMINAL SIZE	A (mm)	B (mm)
10 x 6	3233	2012
10 x 8		2632
10 x 10		3252
10 x 12		3872

NOMINAL SIZE	A (mm)	B (mm)
8ft extension	-	2480



Thank you for purchasing your new Robinsons 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.robinsonsgreenhouses.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 385409.

These instructions are divided into sections highlighted by a white number/letter on a black background at the bottom corner of most pages (see opposite page for details); **part lists**, **B**-base, **P**-preparation, **1a** / **1b**-sides, **2**-front gable, **3**-rear, **4**-joining the four sides together, **5**-roof, **6**-vent, **7**-door, **8**-glazing, **9**-vent attachment, **10**-door attachment, **11** anchoring down, **12** optional louvre, **13** optional shelf, **14** optional staging, **15** finishing touches, **Double doors in high side**. If you need to contact us for assistance please refer to the relevant section/s. If your building is longer than 12', i.e. has an extension then please also refer the separate extension manual.

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. The components can be identified by their distinctive profiles, lengths and quantities detailed in the parts list (see next page).
- 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 Robinsons greenhouse is guaranteed for 10 years against faulty manufacture of the framework. This does not include glazing, moving parts, accidental damage or wind damage.

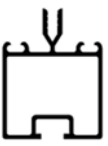
UPDATE: Robinsons plastic / aluminium cover strips -

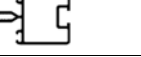
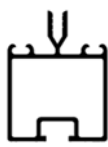
On a Robinsons building the glazing capping is in two parts. The lower plastic capping screws into the glazing bars pressing the glass down onto its rubber beading. The upper plastic / aluminium covers then need to be applied to cover the heads of the self-tapping screws. If you are struggling to press on the cover strips then we recommend the use of a rubber mallet or perhaps a wooden block and hammer, a short sharp tap onto the cover at one end is all that is needed to stretch the cover around the lower capping protrusions locking it into place. You can then either continue to use the mallet along the length of the cover or continue just using the palm of your hand. Once in the building and the edges are protected Robinsons 4mm thick toughened safety glass is very strong and can cope with the vibrations caused by hitting the covers though we would not recommend that you hit the glass directly. Some of the aluminium cover caps have a hole in them at one end which is sometimes used to hang the parts for powder coating. You can if you wish use the hole to stop the covers from sliding in the roof using a glazing screw, note you will have to use a countersunk screw under the vents to avoid interference with the vent bottom.

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
	PUSH AND HOLD
	CUT TO LENGTH



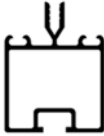
SECTION No	TITLE	ASSEMBLY SYNOPSIS: IMPORTANT INFORMATION / CONSIDERATIONS
B P 1a 1b 2 3 4 5 6a 6b 7 8 9 10 11 12 13 14 15	PARTS LIST	Identify and separate all like for like components prior to assembly. The 'parts list' also separates parts into the various sections 1 - 12 shown below. Parts can also be identified by their profile pictures and stated lengths etc..
	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.
	PREPARATION	Tools required. IMPORTANT: Use WD40 or similar in the glazing bar channels and insert the black glazing rubber prior to frame assembly.
	LOW AND HIGH SIDES	Take the side glazing bars with the rubber inserted and the diagonal braces and use 12mm bolts to join them to the gutter and 16mm bolts to the cills (note how the head of the bolt slides into each glazing bar during construction). Please notice how one side is taller than the other (1a < 1b) and that the taller side has a different profile cill enabling a door to be added.
	FRONT GABLE	Again ensuring that the gable framework is rubbered-up follow the diagrams to assemble each end of the building. The gable ends of this model can be built so that the roof can be orientated in two different way please choose the appropriate component layouts for your requirements. Make sure that you have inserted the extra bolts utilised in sections 4, 5 and 10. On the roof and side corner bars not every rubber channel will require rubber unless it is to be utilised in a partition (see separate manual and section P).
	REAR GABLE	
	JOINING THE FOUR SIDES	Take the low and high sides (1a/1b) and both gables (2 & 3) and join them together on your base. It is a good idea to tie some ladders to the sides to support them if you do not have anyone to hold them.
	ROOF	Attach the ridge and then the rubbered-up roof bars ensuring that they are fully butted up to the ridge and down onto the gutter. If you have <u>cresting</u> then it is a good idea to fit it before glazing, see section (15). Some tubular braces are supplied to add extra strength, they can be fitted now or later with crop head bolts.
	VENT	Once the vent is glazed add silicone to the vent sides and top. Stand the vent/s on their hinge (vent top) and then leave the silicone to set. The slam bar 'D079' can be moved up and down between the roof glazing bars so that it can be butted down onto the pane of glass beneath, the autovent will be attached to it later on (9).
	VENT SLAM	
	DOOR/S	Construct the doors and then leave to one side ready for attachment in section (10).
	GLAZING	Layout the bar cappings and covers 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. The glass in the sides has to bevel on the black separator strip which is on top of the 305mm high glass base panels. This bevelling action allows the glass to tuck underneath the gutter canopy. Use the capping and the self tapping screws to then hold the glass in place. The covers then enclose the screw heads giving a neat finish. A top tip is to not attach the door post capping (D814/D836) until you have fitted the door runner and threshold (10) to give you more room to manoeuvre. 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. On occasion a hacksaw may be required to make minor adjustments to the length of the capping / covers.
	VENT ATTACHMENT	Take the assembled vent and slide the vent hinge 'D866' into the end of the ridge allowing the vent the pivot open and closed. Vent stops go either side of the vent to stop any lateral movement (so insert stop / vent / stop). Attachment of autovent/s. Note if the D205's on your vents are catching on your roof cover strips you can modify the D205's or shorten the cover strips with a junior hacksaw.
	DOOR ATTACHMENT	Use the bolts inserted in section (2) to attach the upper door track. The lower door runner 'D861' and ramp threshold 'D088' push down and lock together.
	ANCHORING DOWN	Now that the greenhouse is finished and the door and vent/s are operating without interference then 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.
	OPTIONAL LOUVRE	They attach to the building during the glazing process (8) like a piece of glass with a black separator above and below them.
	OPTIONAL SHELIVING / STAGING	Robinsons integral cantilever staging and shelving attaches to the inside of the greenhouse frame using either square / hex head bolts (insert four into each side glazing bar during construction of the sides (1a or 1b)) or rectangular 'crop head' bolts which can be fitted retrospectively (both sets of bolts accompany the shelving/staging). This system allows the height of either the staging or the shelf to be set at an operator specific height. Commonly the staging brackets are set 900mm from the cills though you can alter this to suit the end user/s. The aluminium shelf / staging slats come in two lengths; (4'):1240mm 'D2002' and (6'):1860mm 'D2003'. These slats can combine to create any length of staging required, i.e. 4'+6' = 10' etc...
	FINISHING TOUCHES	Now that the main body of the structure is complete you can add; ridge caps, downpipe fittings, eave bungs. Images showing cresting and finial attachment, this is often easiest to do after section (5) rather than using the vent apertures later on (i.e. before glazing).

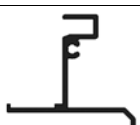
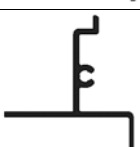
Section Ref	Part No.	Section	Size (mm)	10 6	10 8	10 10	10 12
1	D043		1894	1			
	D021		2514		1		
	D022		3134			1	
	D023		3754				1
	D036		1890	1			
	D037		2510		1		
	D050		3130			1	
	D040		3750				1
	D042		1897	2			
	D014		2517		2		
	D015		3137			2	
	D016		3757				2
	D103		1787	2			
	D782		2071	2			
	D051		1976	2	3	4	5
	D066		1676	2	3	4	5
	RUBBER		1000 (1m)	15	22	30	37
	D174		N/A	4	4	8	8

2 + 3	D050		3130	2			
	D048		1676	2			
	D780		1976	2			
	D051		1976	2			
	D053		2272	4			
	D032		2568	1			
	D918		3130	1			
	D103		1787	2			
	D782		2071	2			
	D035L		2082	1			
	D035R		2082	1			
	D852L		1395	1			
	D852R		1395	1			

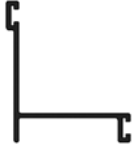
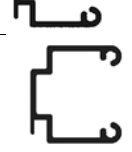
Redoubtable

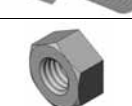
Section Ref	Part No.	Section	Size (mm)	10 6	10 8	10 10	10 12
2 + 3	D111		N/A	2			
	RUBBER		1000 (1m)	53			
	D174		N/A	9			

5	D044		1897	1			
	D001		2517		1		
	D002		3137			1	
	D003		3757				1
	D033		2082	2	3	4	5
	D064		1395	2	3	4	5
	D126		445	0	2	4	6
	D128		1015	0	1	2	2
	RUBBER		1000 (1m)	14	21	28	35

6	D866		639	1	2	3	4
	D863L		613	1	2	3	4
	D863R		613	1	2	3	4
	D862		593	1	2	3	4
	D079 PLUS FLUFF		590	1	2	3	4
	D114		N/A	2	4	6	8
	D220 PLUS FS6060 SCREW		N/A	2	4	6	8
	D205		N/A	2	4	6	8

Section Ref	Part No.	Section	Size (mm)	10 6	10 8	10 10	10 12
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7	D090 + D347 lock = D301		1824	1
	D092 + D156 strike = D303		1824	1
	D093		1824	1
	D094		1824	1
	D096 + D217 wheel = D307		611	2
	D095		611	2
	D097		611	2
	D232		905	4
	D233		797	4
	P053		N/A	2
	D225		610	2
	D840B		4000	1

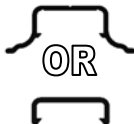
MAIN FRAME QUANTITIES VENTS / DOORS etc SEPERATE		FS6505 HEX 12mm	33	39	45	51
		FS6506 HEX 16mm	49	51	53	55
		FS6504 M6	82	90	98	106

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

1	D463		1958	2	3	4	5
1	D812		1660	2	3	4	5
2/3	D816		1976	2			
3	D820		2272	2			
5	D870		601	2	3	4	5
2	D881		373	2			
3	D882		2568	1			
2	D883		662	1			
5	D887		1490	2	3	4	5
5	D896		1405	2	3	4	5

1	D462		1958	2			
2/3	D781		1976	2			
2/3	D813		1675	2			
2	D814		1883	2			
2/3	D834		1660	2			
5	D871		601	2			
5	D888		1490	2			
5	D897		1405	2			

1	D464		1958	4	5	6	7
5	D810		1405	4	5	6	7
1	D825		1660	4	5	6	7
2/3	D826		1677	2			
2/3	D828		1978	2			
3	D830		2274	2			
2	D836		1883	2			
5	D880		2092	4	5	6	7
3	D884		2570	1			
2	D885		664	1			
2	D886		375	2			

Redoubtable

THE DIMENSIONS BELOW ARE THE EXACT EXTERNAL BASE DIMENSIONS FOR THE ROBINSONS RANGE.

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

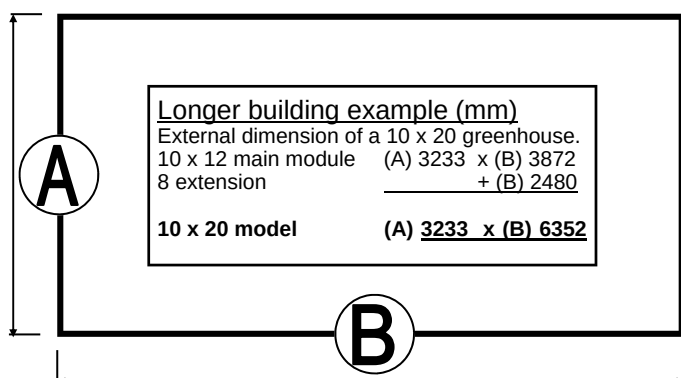
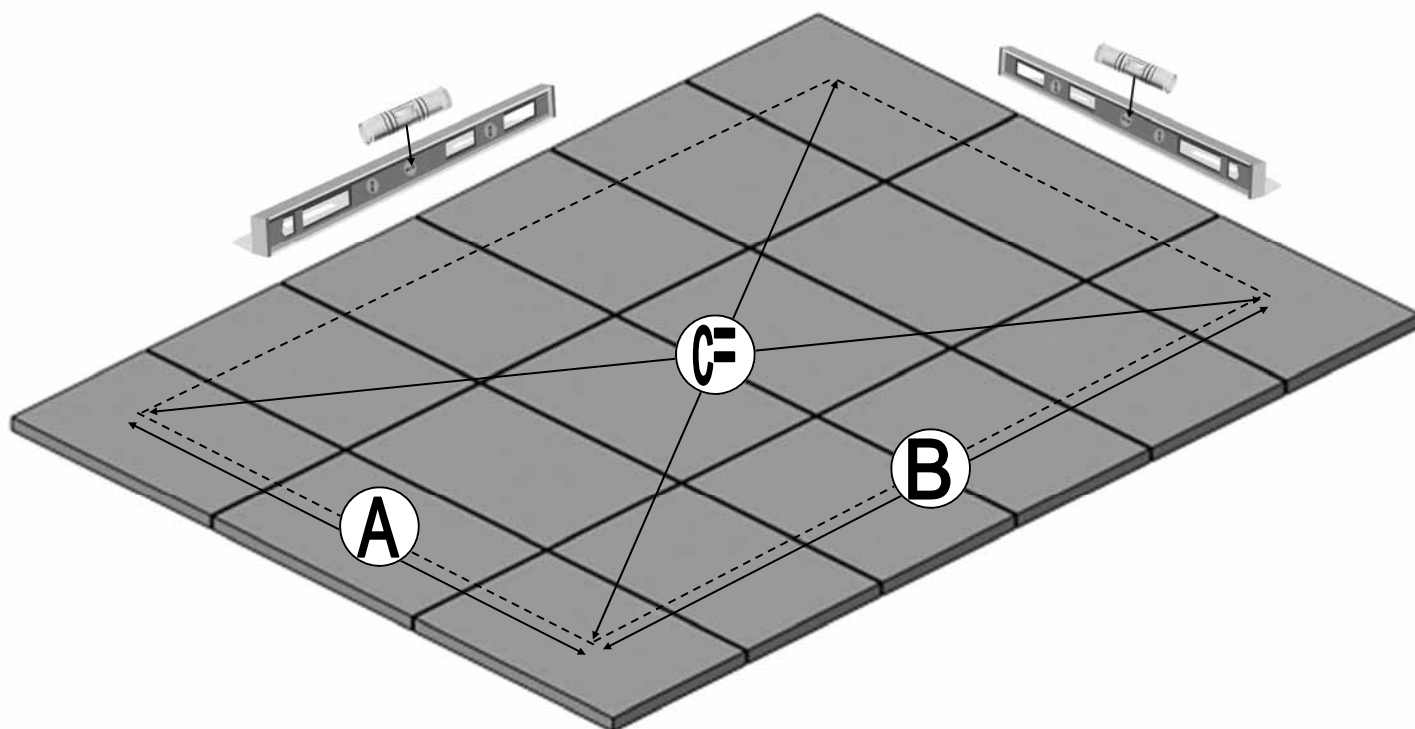
It is essential that the **BASE IS FLAT, LEVEL AND SQUARE AS WELL AS BEING SUBSTANTIAL** enough to take the weight of the greenhouse including its 4mm glass.

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.

A brick perimeter base is equally suitable providing there is a concrete foundation beneath it. We suggest using a solid brick with no frogs or holes (quality stock bricks or semi-engineering bricks).

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.

IMPORTANT: If you have anything overhanging the ridge on a lean-to building then please make sure it does not interfere with the motion of the roof vents.

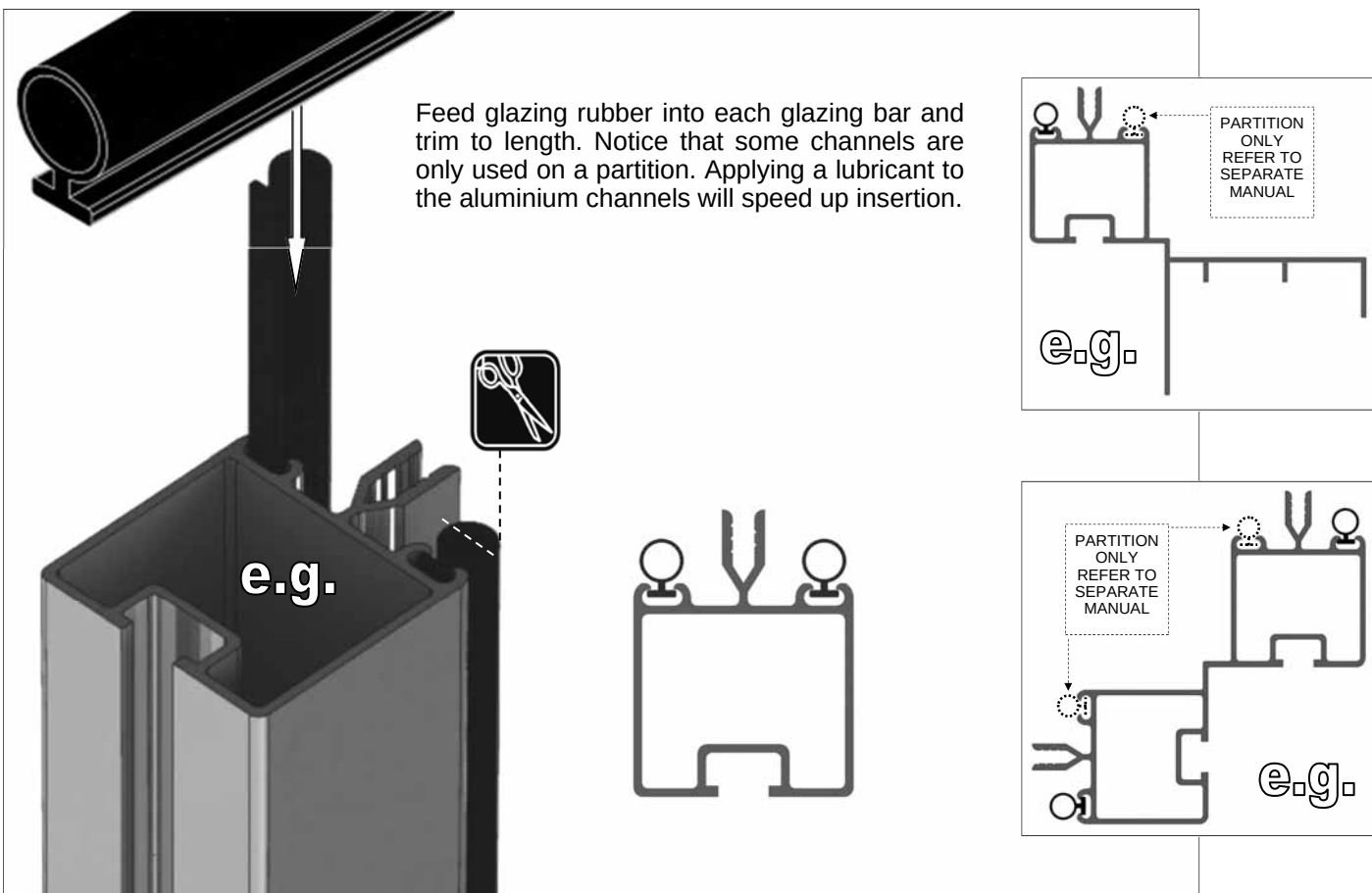


B

EXTERNAL DIMENSIONS (mm)

Model sizes listed are **nominal**,
use 'mm' measurements.

MODEL		A (mm) WIDTH	B (mm) LENGTH	C (mm) DIAGONAL
REDOUBTABLE	10 x 6	3233	2012	3787
	10 x 8		2632	4150
	10 x 10		3252	4568
	10 x 12		3872	5028
EXTENSIONS	8ft ext.	-	2480	-



Robinsons have now upgraded the original square headed alloy bolts to stainless steel **Hexagonal** headed bolts. The frame is assembled by feeding these bolts, either 12mm or 16mm in length (previously 10mm and 15mm) into the slots on glazing bars and then locating those bolts through holes in purlings and cills, etc... The 12mm bolts tend to be used to join two parts together and the 16mm bolts tend to be used to join two or more parts or where an extrusion is thicker.

Twist in (rectangular) crop headed bolts are also used towards the end of construction to attach components to the frame retrospectively when the glazing bar slots are no longer exposed at the ends.

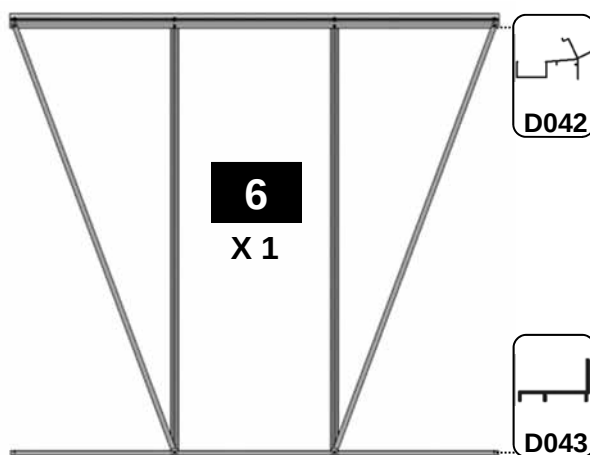
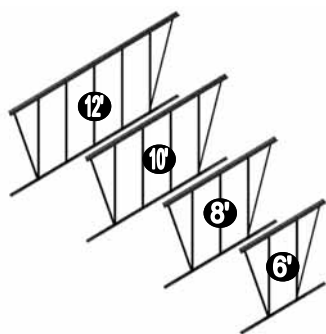
e.g.

If an image in the manual shows a square headed bolt please interpret it as the new HEX headed replacement.

	ORIGINAL SQUARE HEAD		NEW HEX HEAD
10mm		12mm	
15mm		16mm	

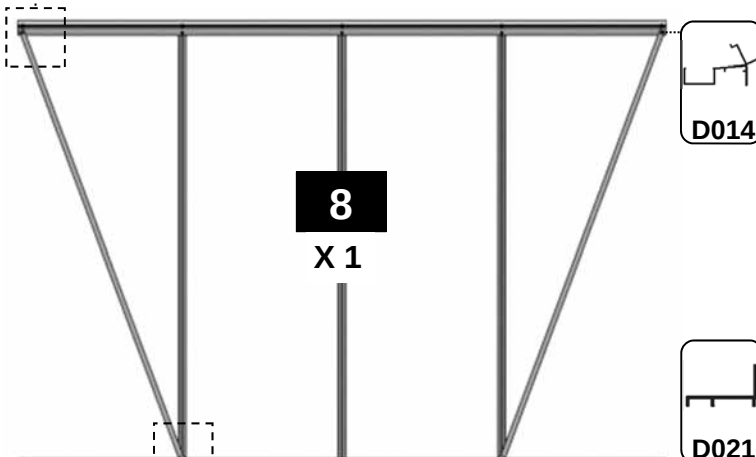
e.g.

P



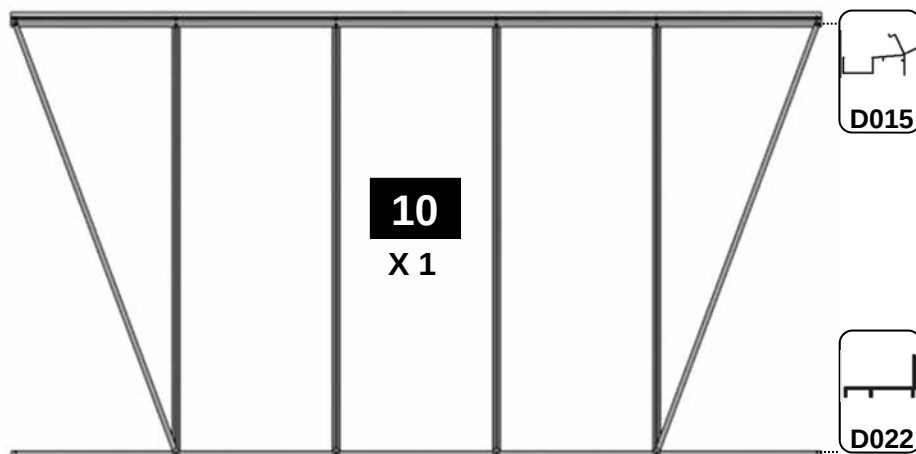
LOW SIDE 6 X 1		
Part No	mm	Quantity
D042	1897	1
D043	1894	1
D066	1676	2
D103	1787	2
D174		2
M6-12mm		2
M6-16mm		4
M6-NUT		6
Rubber	1000	7

e.g. ①

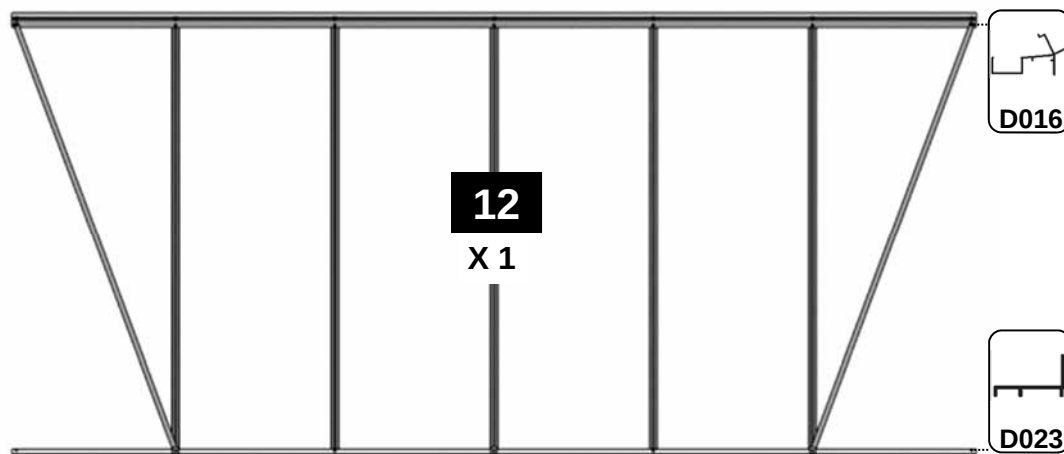


LOW SIDE 8 X 1		
Part No	mm	Quantity
D014	2517	1
D021	2514	1
D066	1676	3
D103	1787	2
D174		2
M6-12mm		3
M6-16mm		5
M6-NUT		8
Rubber	1000	11

e.g. ②

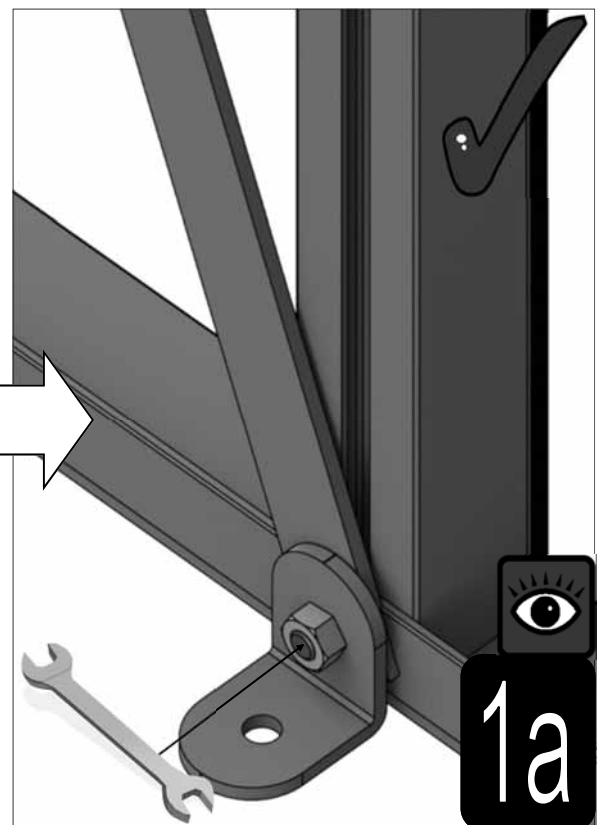
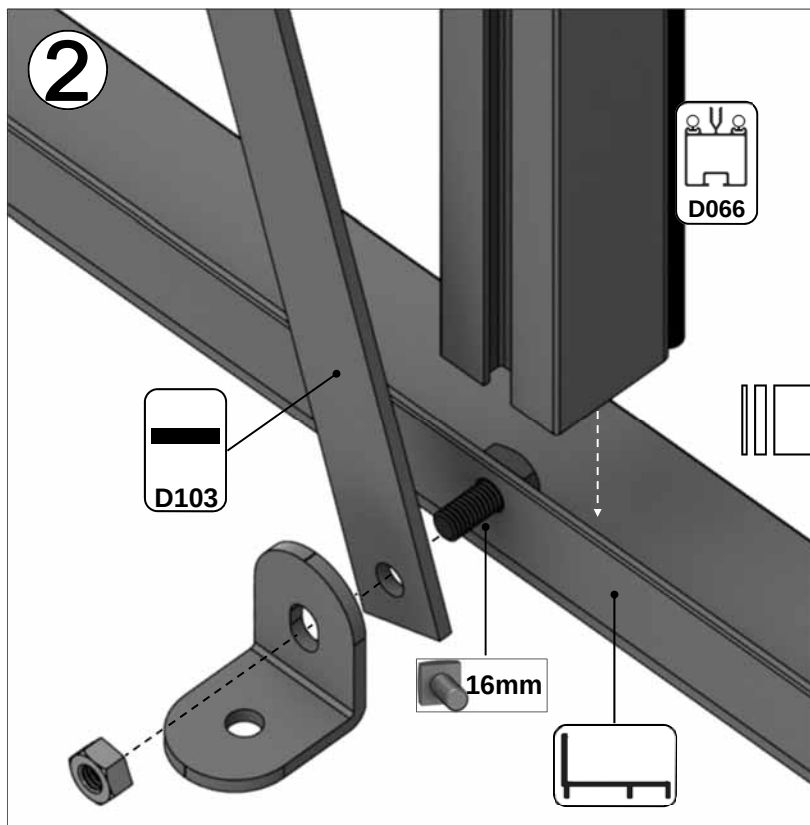
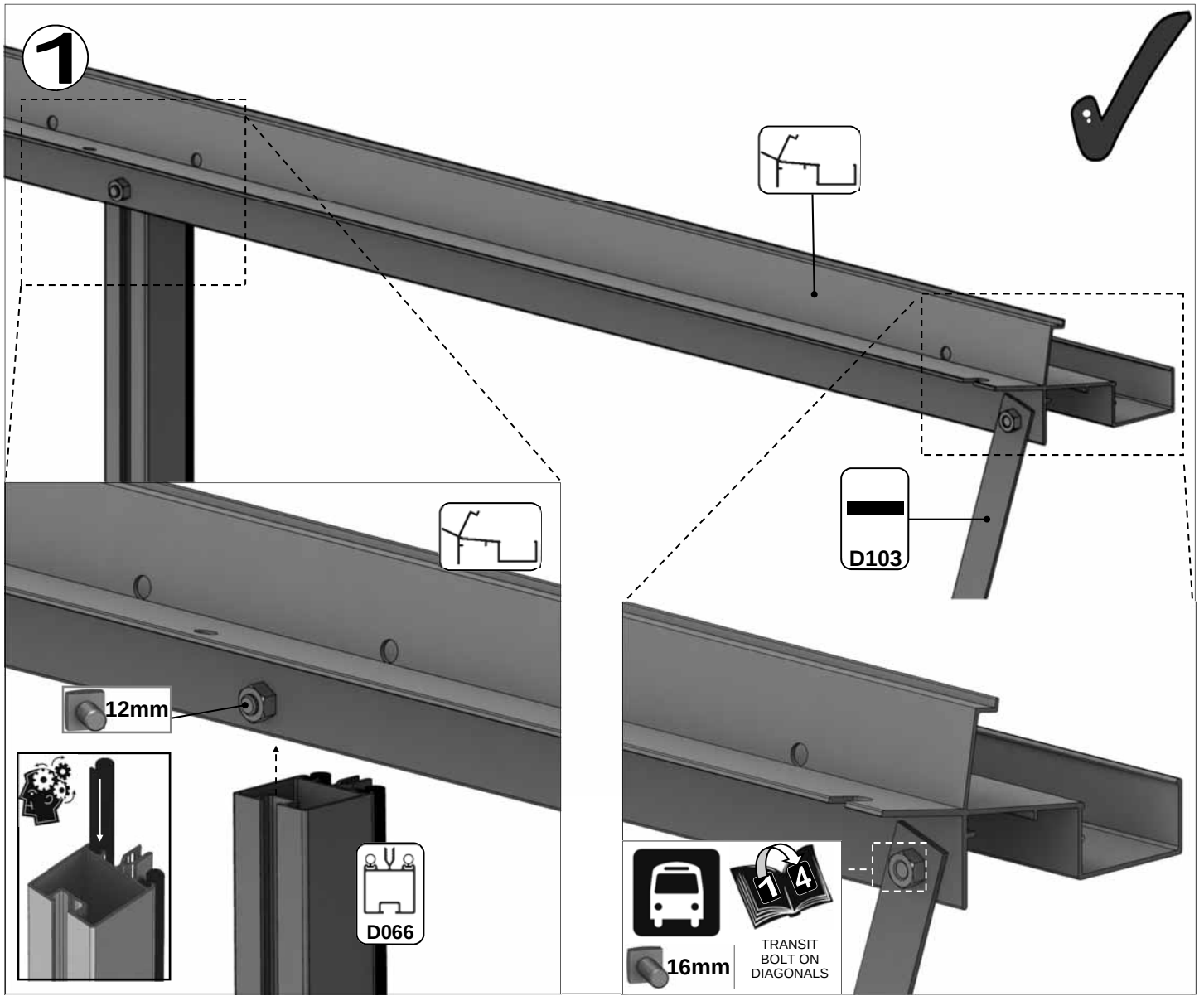


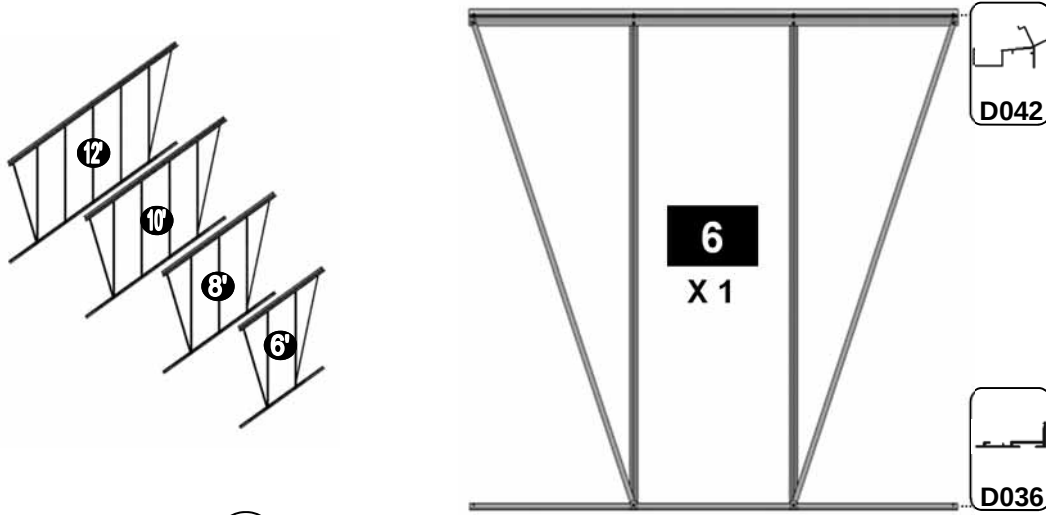
LOW SIDE 10 X 1		
Part No	mm	Quantity
D015	3137	1
D022	3134	1
D066	1676	4
D103	1787	2
D174		4
M6-12mm		4
M6-16mm		6
M6-NUT		10
Rubber	1000	14



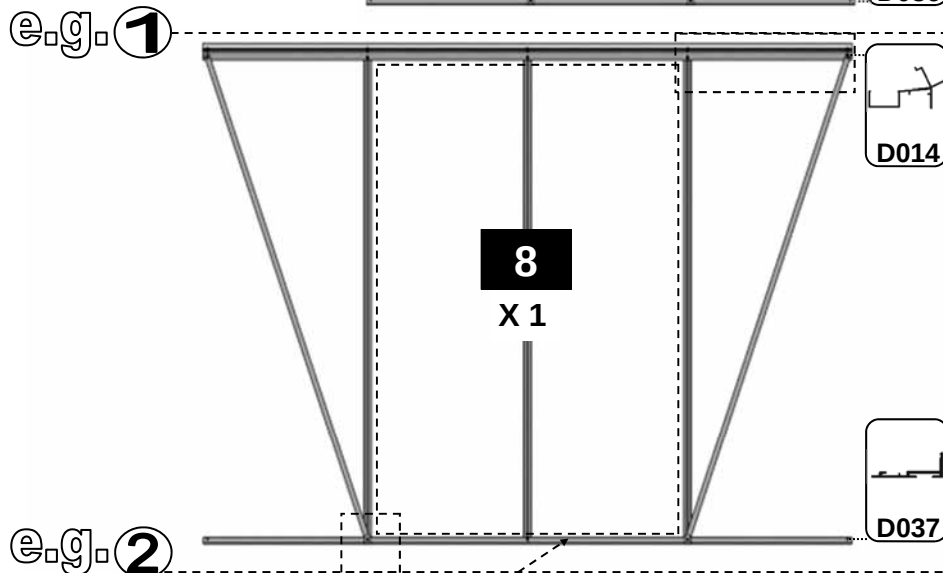
LOW SIDE 12 X 1		
Part No	mm	Quantity
D016	3757	1
D023	3754	1
D066	1676	5
D103	1787	2
D174		4
M6-12mm		5
M6-16mm		7
M6-NUT		12
Rubber	1000	17



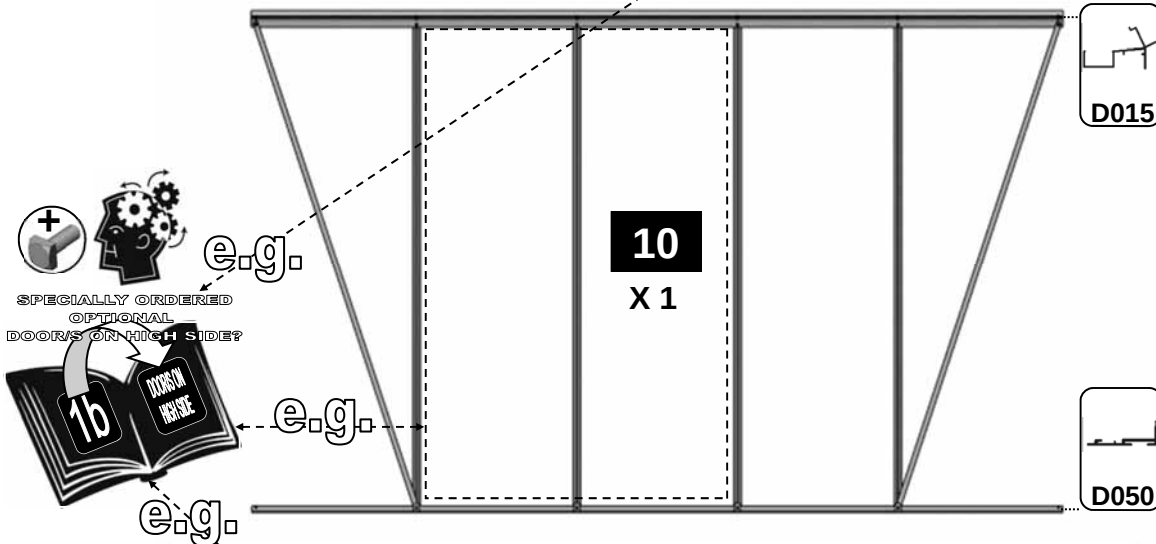




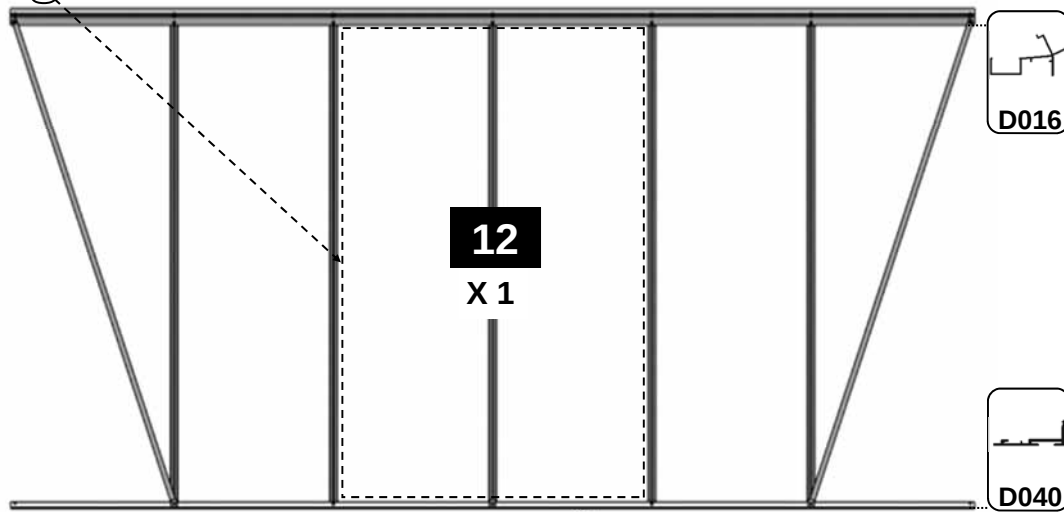
HIGH SIDE 6 X 1		
Part No	mm	Quantity
D042	1897	1
D036	1890	1
D051	1976	2
D782	2071	2
D174		2
M6-12mm		2
M6-16mm		4
M6-NUT		6
Rubber	1000	8



HIGH SIDE 8 X 1		
Part No	mm	Quantity
D014	2517	1
D037	2510	1
D051	1976	3
D782	2071	2
D174		2
M6-12mm		3
M6-16mm		5
M6-NUT		8
Rubber	1000	12



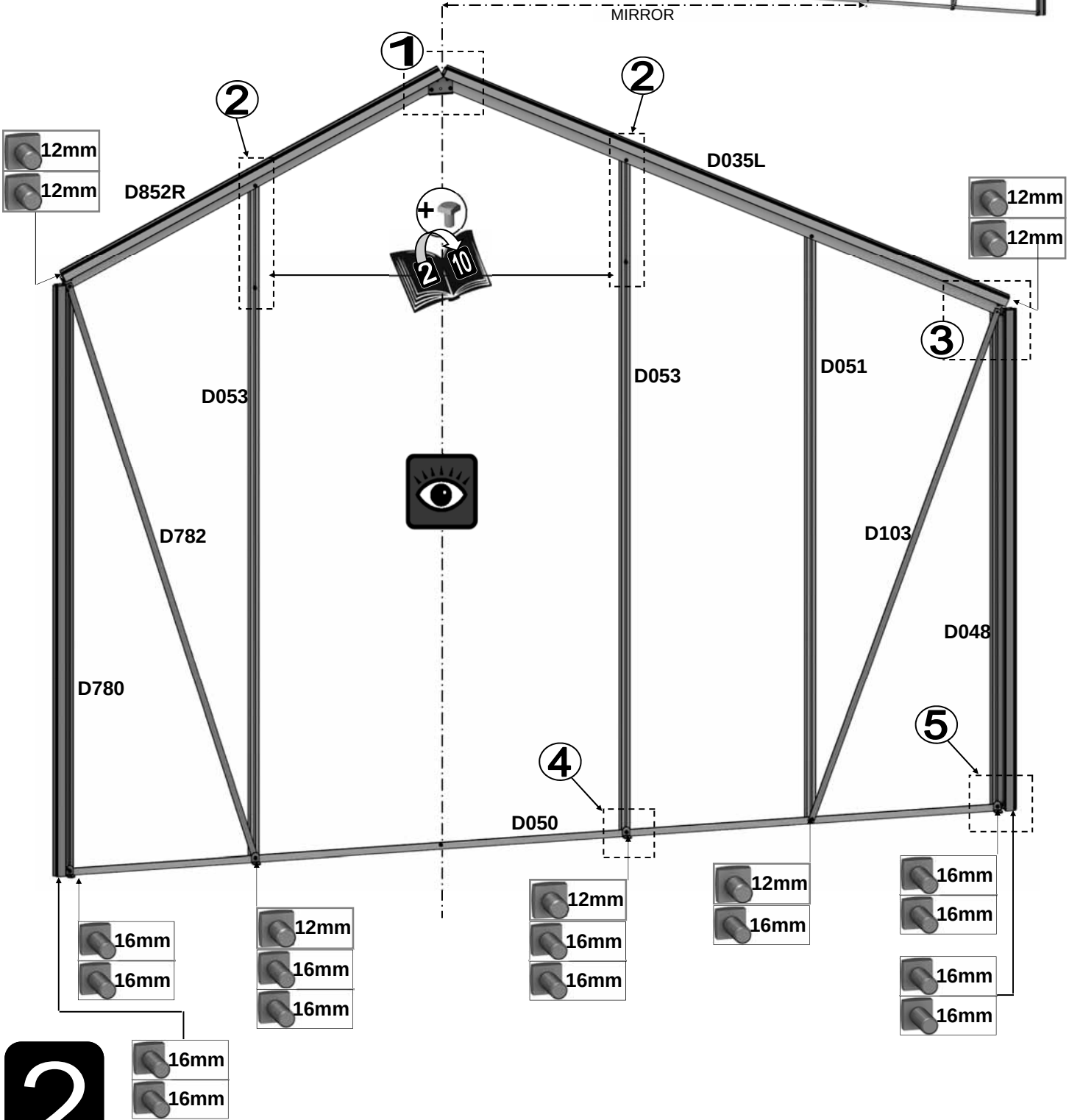
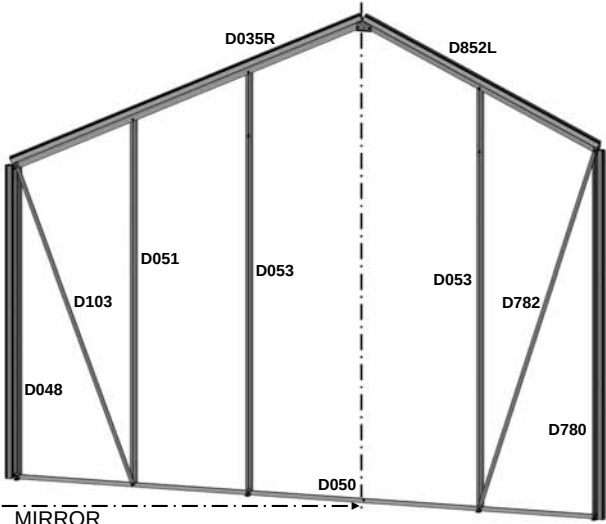
HIGH SIDE 10X 1		
Part No	mm	Quantity
D015	3137	1
D050	3130	1
D051	1976	4
D782	2071	2
D174		4
M6-12mm		4
M6-16mm		6
M6-NUT		10
Rubber	1000	16

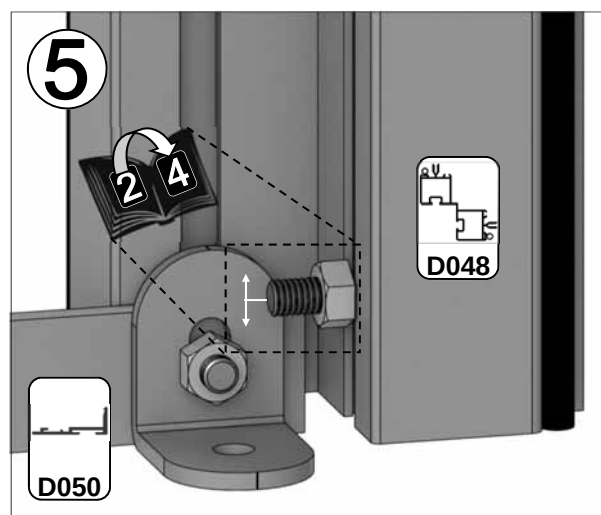
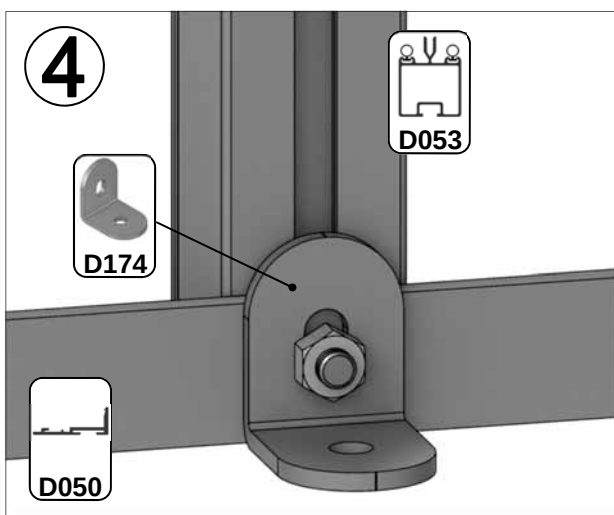
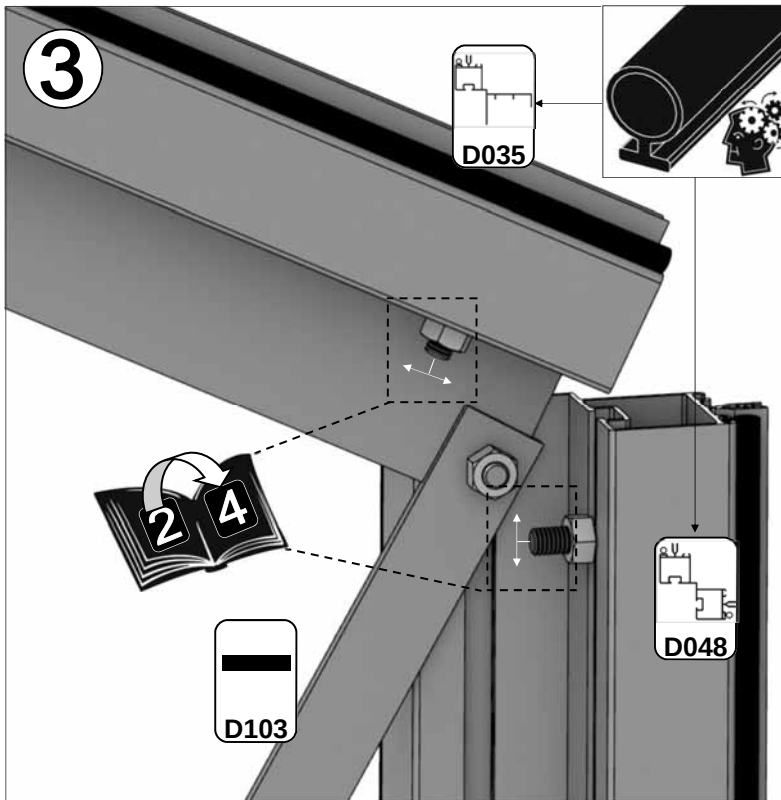
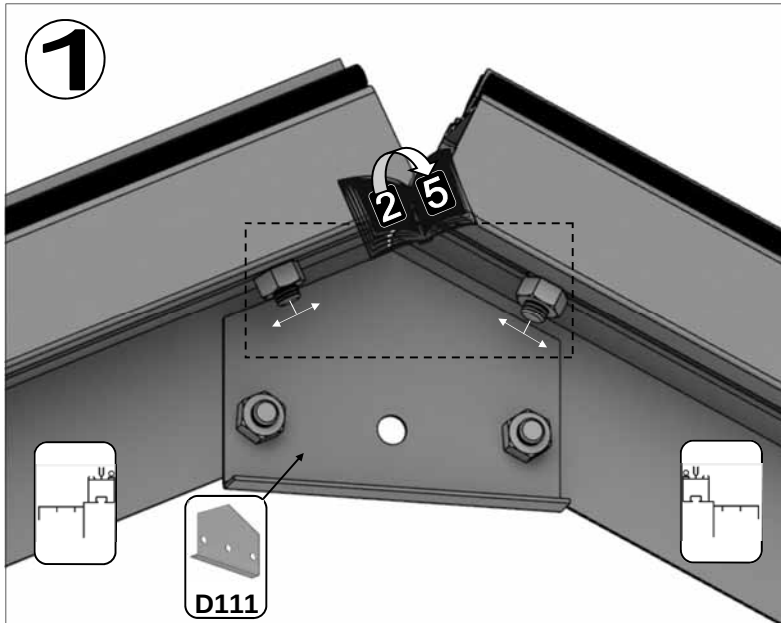


HIGH SIDE 12X 1		
Part No	mm	Quantity
D016	3757	1
D040	3750	1
D051	1976	5
D782	2071	2
D174		4
M6-12mm		5
M6-16mm		7
M6-NUT		12
Rubber	1000	20

Part No	mm	Quantity
D048	1676	1
D050	3130	1
D051	1976	1
D053	2272	2
D103	1787	1
D780	1976	1
D782	2071	1
D035L/R	2082	1
D852L/R	1395	1

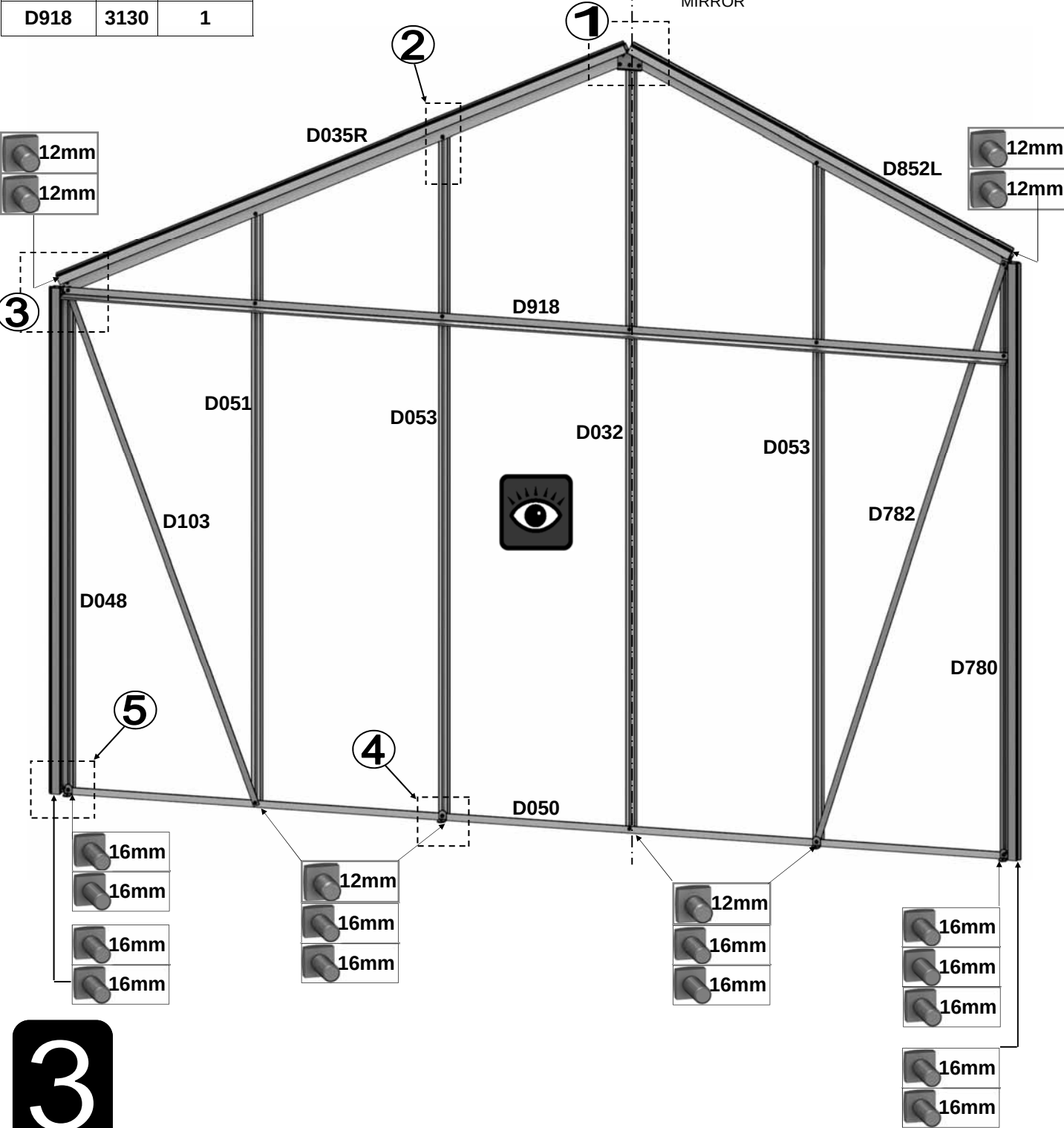
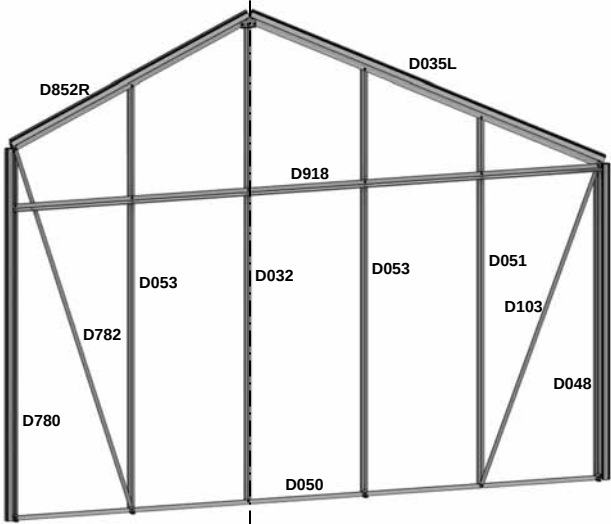
Part No	mm	Quantity
D111		1
D174		4
D227		24m
M6X12		9
M6X16		13
M6NUT		22

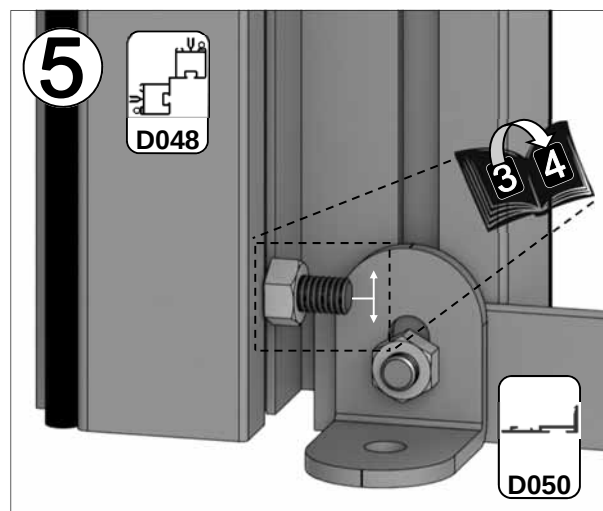
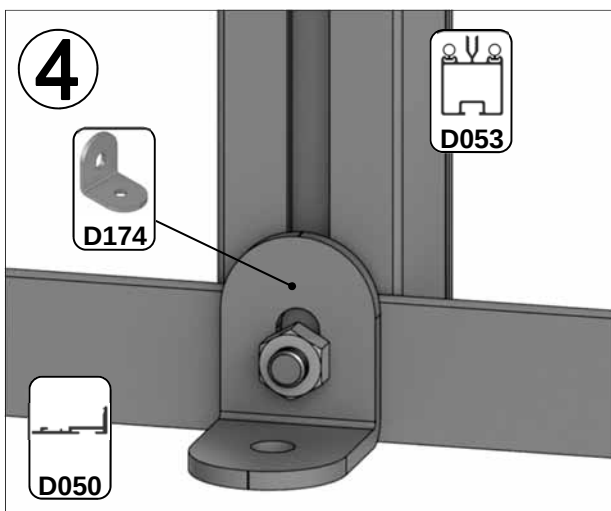
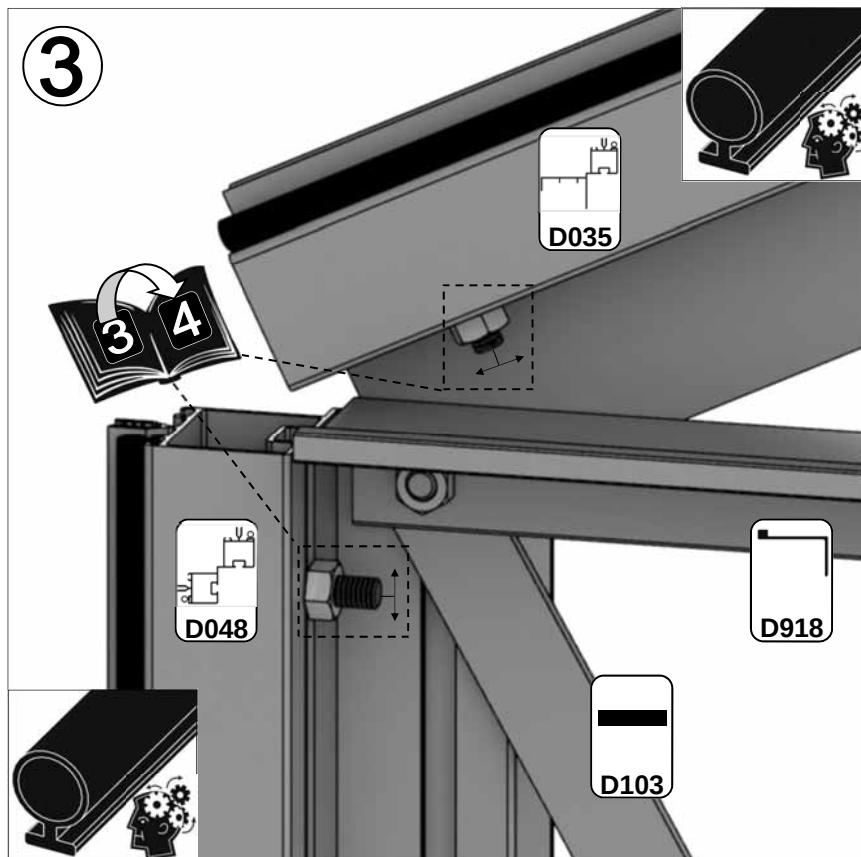
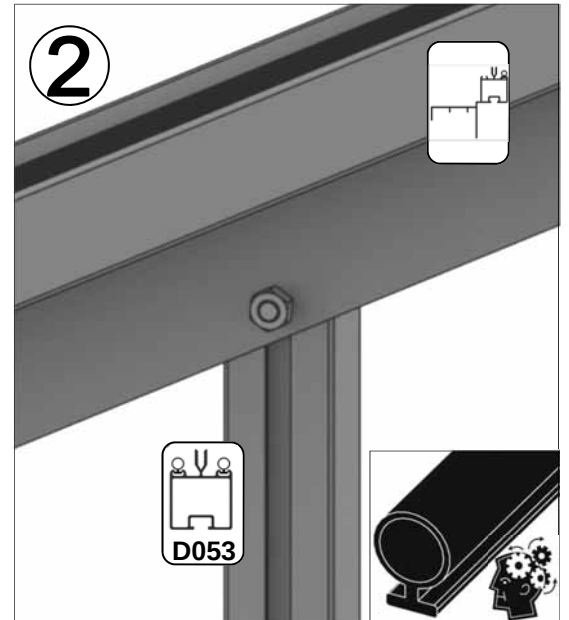
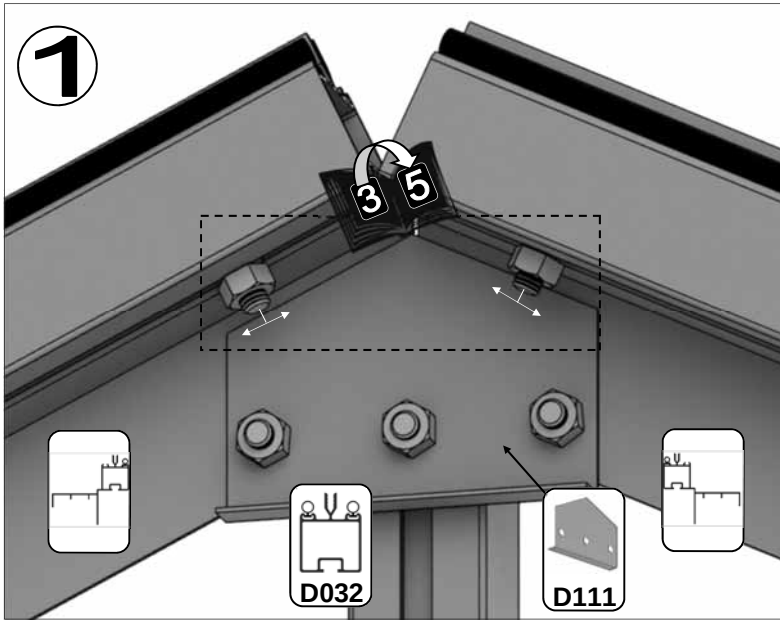


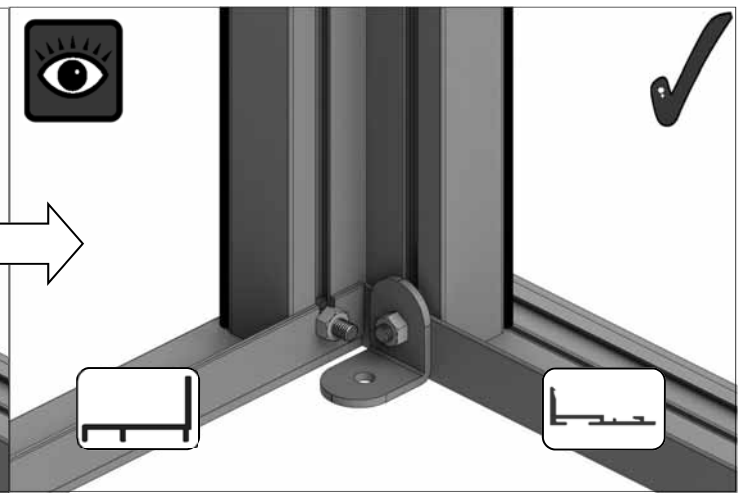
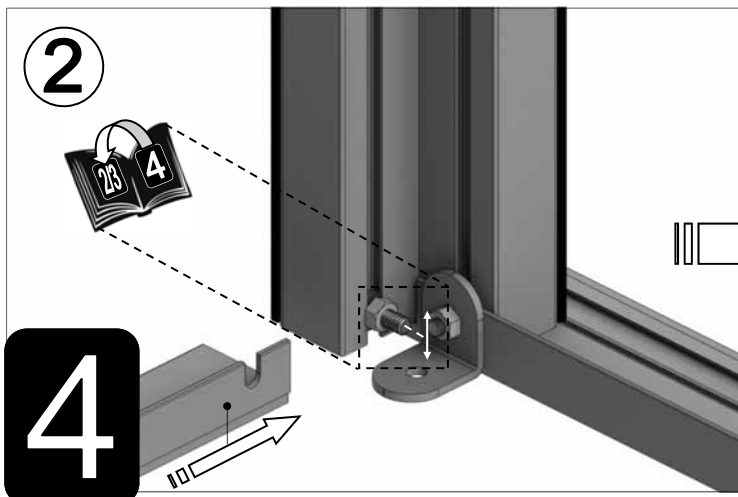
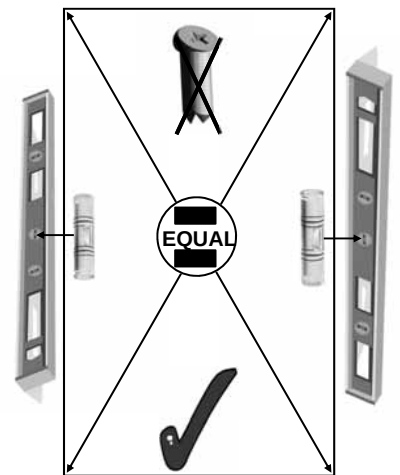
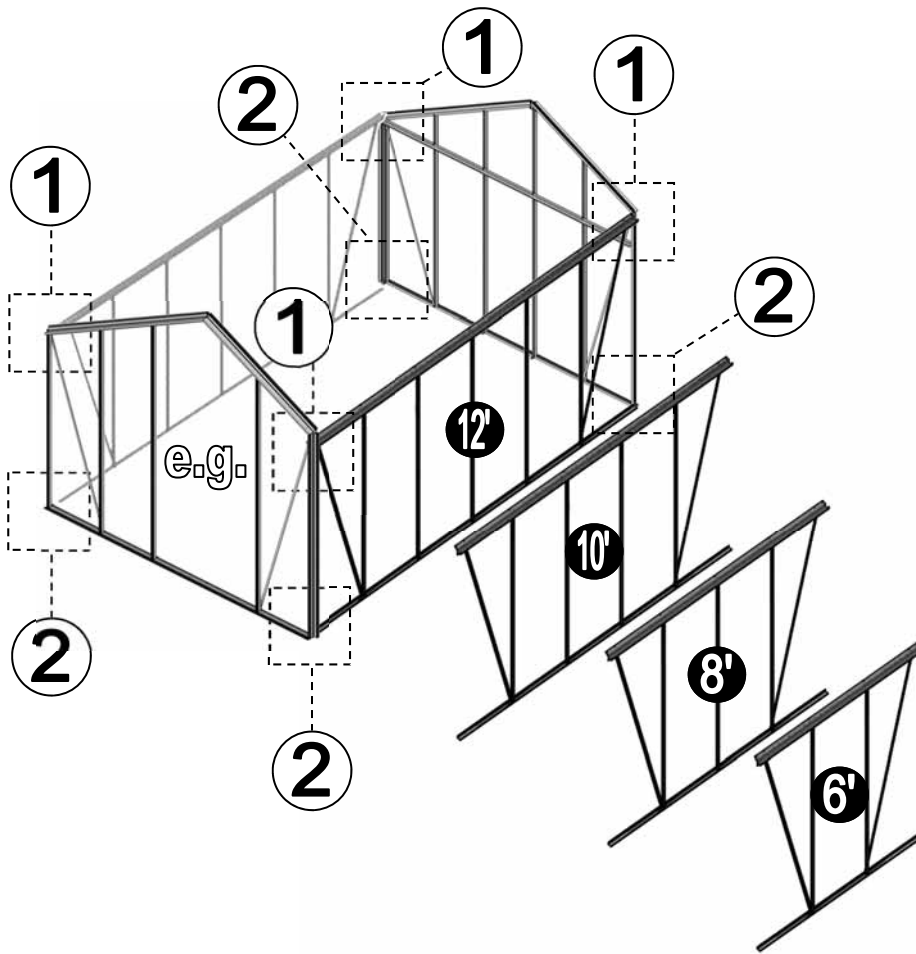
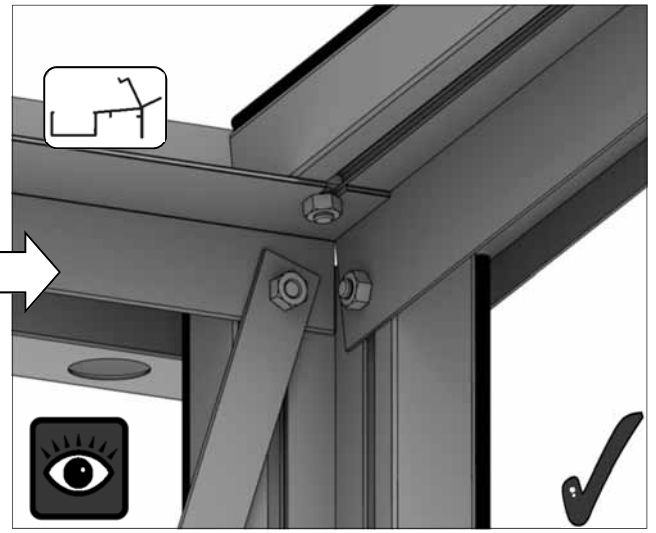
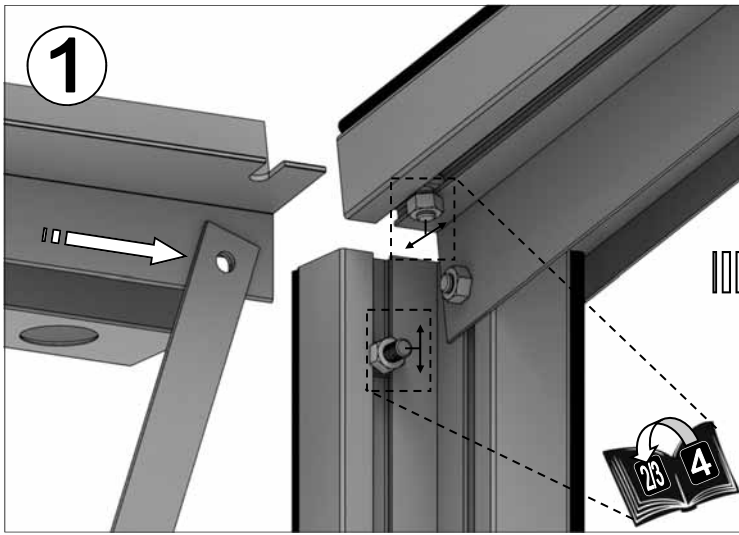


Part No	mm	Quantity
D032	2568	1
D050	3130	1
D048	1676	1
D050	3130	1
D051	1976	1
D053	2272	2
D103	1787	1
D780	1976	1
D782	2071	1
D035L/R	2082	1
D852L/R	1395	1
D918	3130	1

Part No	mm	Quantity
D111		1
D174		5
D227		29m
M6X12		10
M6X16		17
M6NUT		27







6'			8
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Part No	mm	Quantity
D044	1897	1
D033	2082	2
D064	1395	2
D126	445	0
D128	1015	0
RUBBER	1000	14

8'			12
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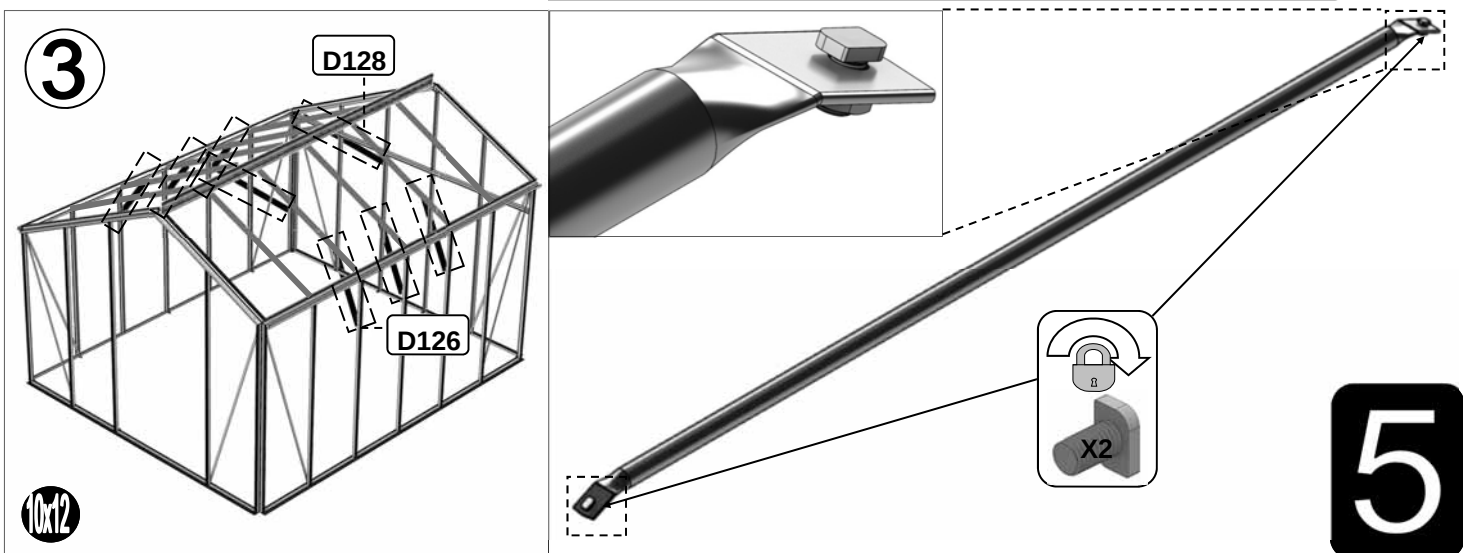
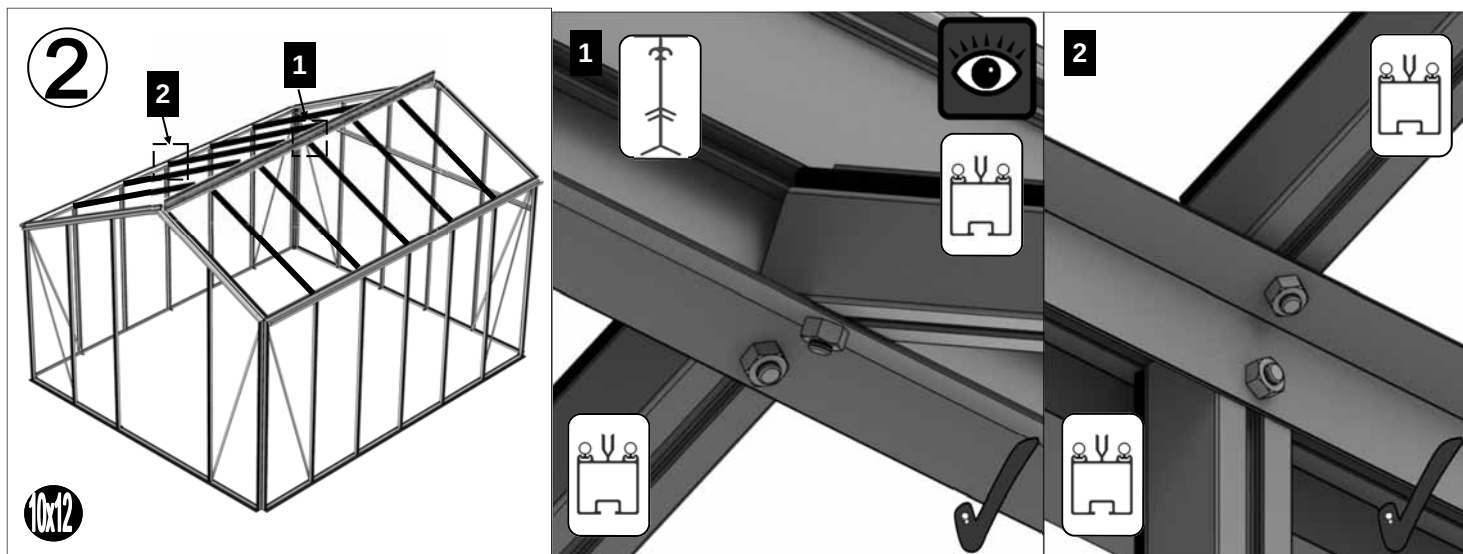
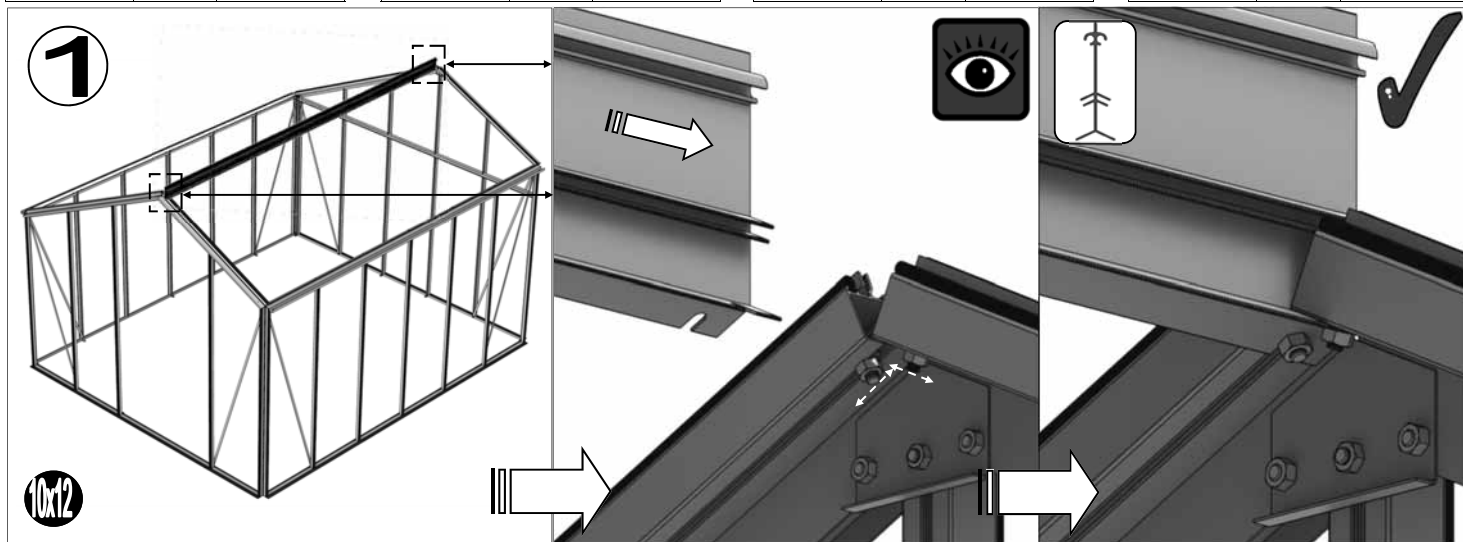
Part No	mm	Quantity
D001	2517	1
D033	2082	3
D064	1395	3
D126	445	2
D128	1015	1
RUBBER	1000	21

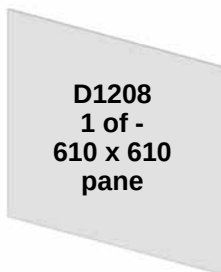
10'			16
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Part No	mm	Quantity
D002	3137	1
D033	2082	4
D064	1395	4
D126	445	4
D128	1015	2
RUBBER	1000	28

12'			20
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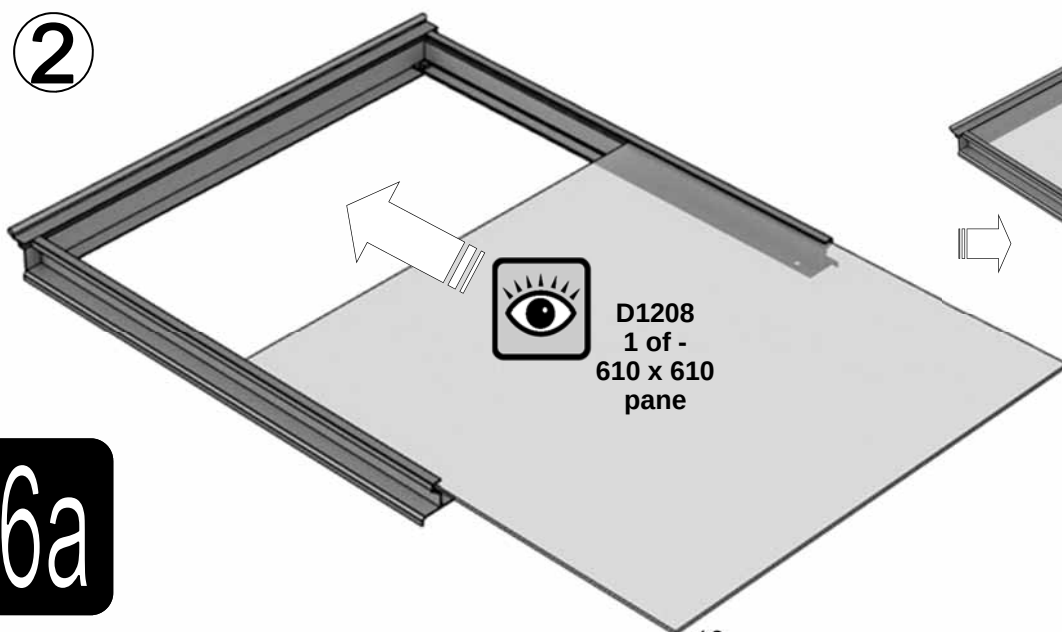
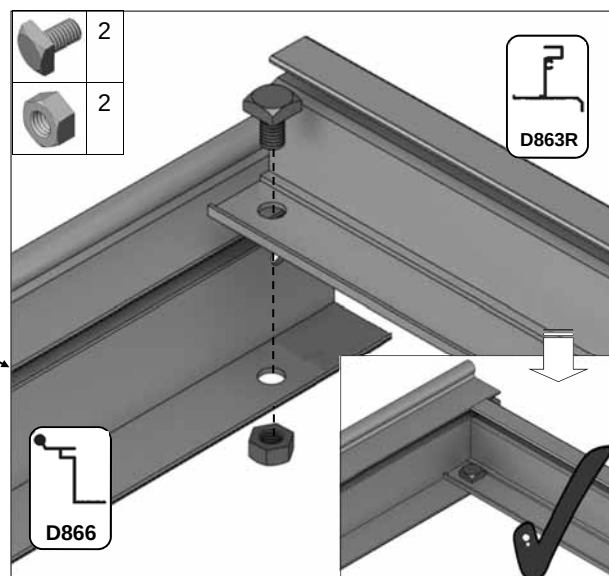
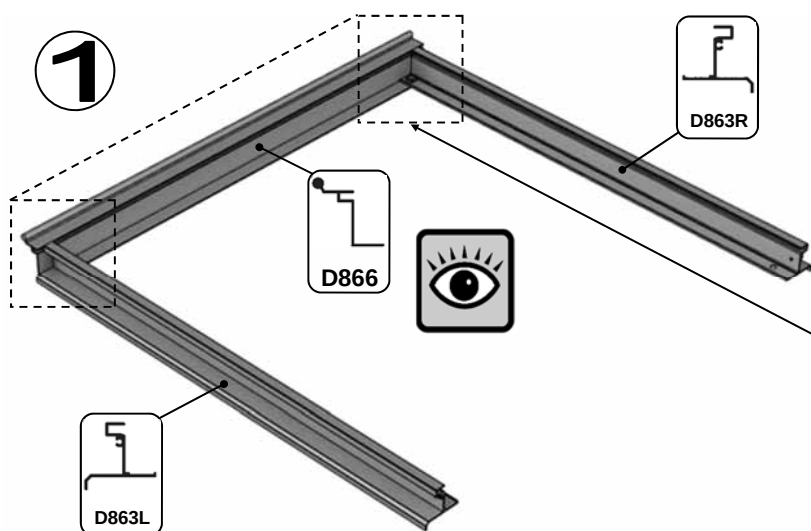
Part No	mm	Quantity
D003	3757	1
D033	2082	5
D064	1395	5
D126	445	6
D128	1015	2
RUBBER	1000	35





Part No		mm	Quantity
D866		639	1
D863L		613	1
D863R		613	1
D862		593	1

Part No		mm	Quantity
D220 PLUS FS6060 SCREW		N/A	2
D205		N/A	2
BOLM6X12		12	4
NUTM6		M6	4
8 X 12 S/T FS6017		10	2
8 x 19 S/T FS6018		19	2



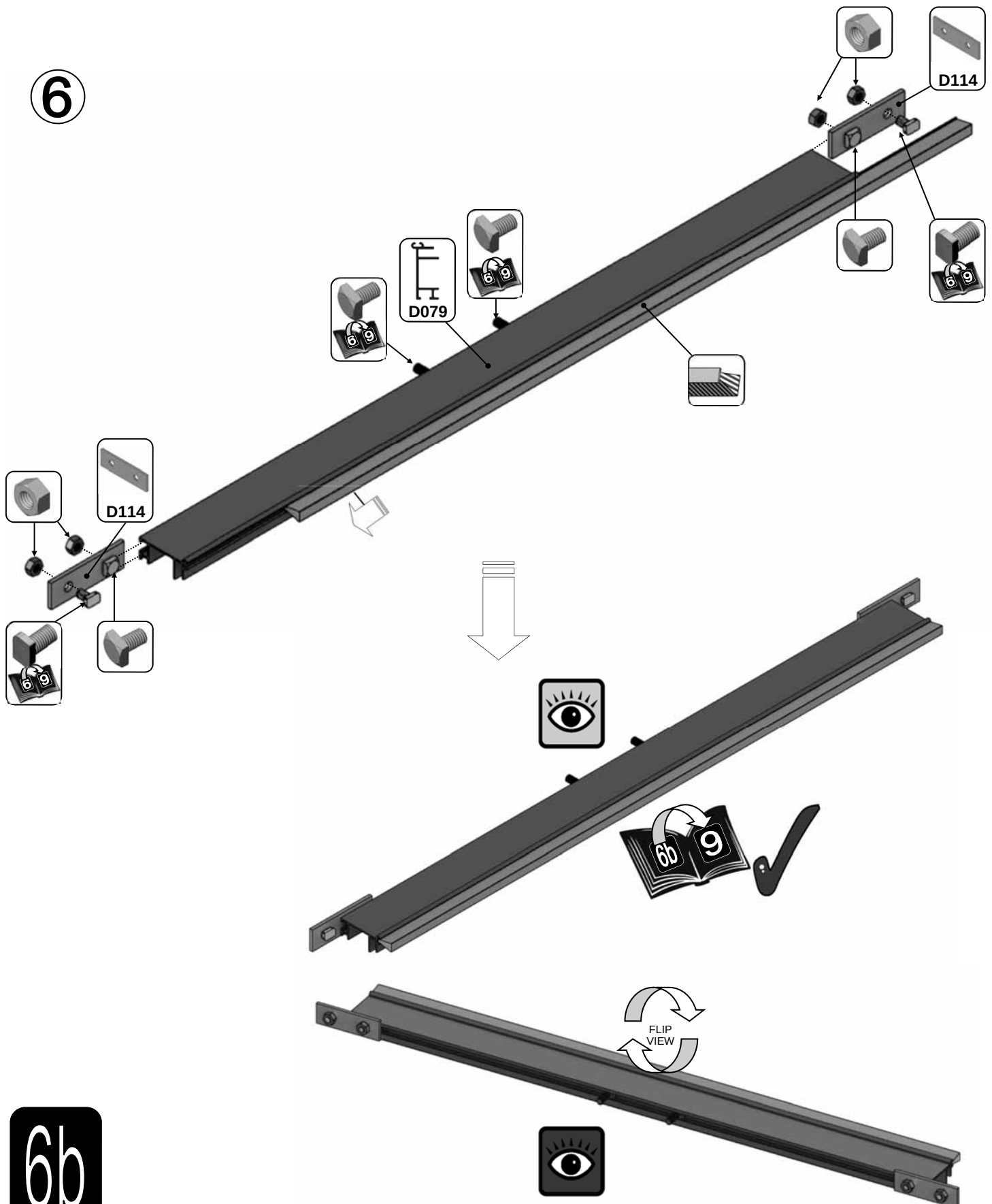
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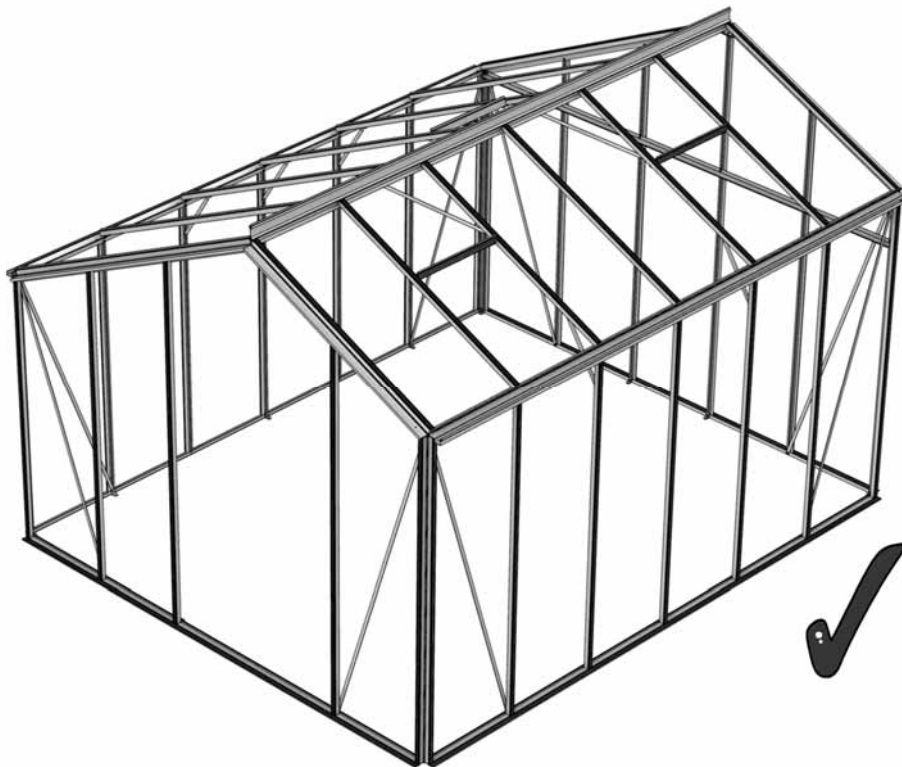
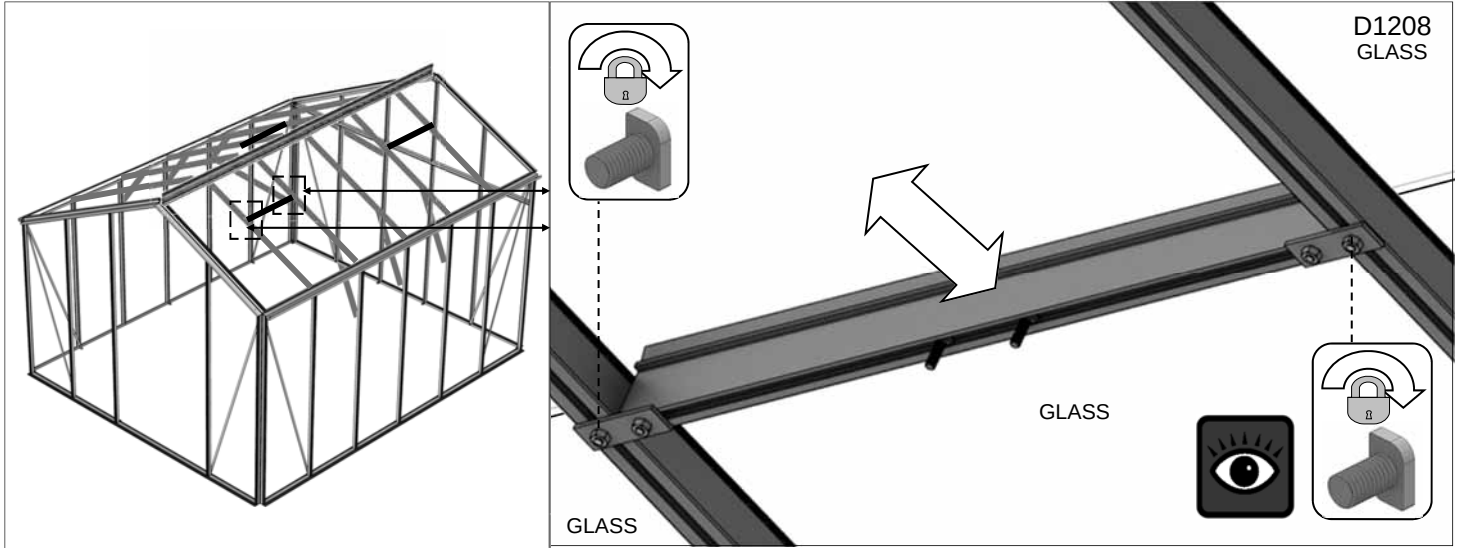
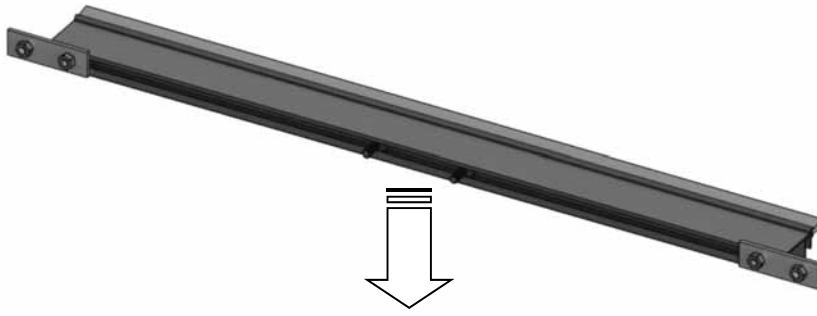
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slam bar = {

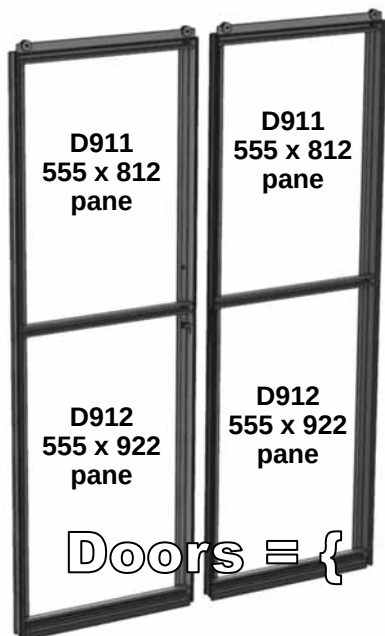
Part No		mm	Quantity
BOLM6X12		12	2
M6CROP		10	2
NUT M6		N/A	4

Part No		mm	Quantity
D079 PLUS FLUFF		590	1
D114		N/A	2

6

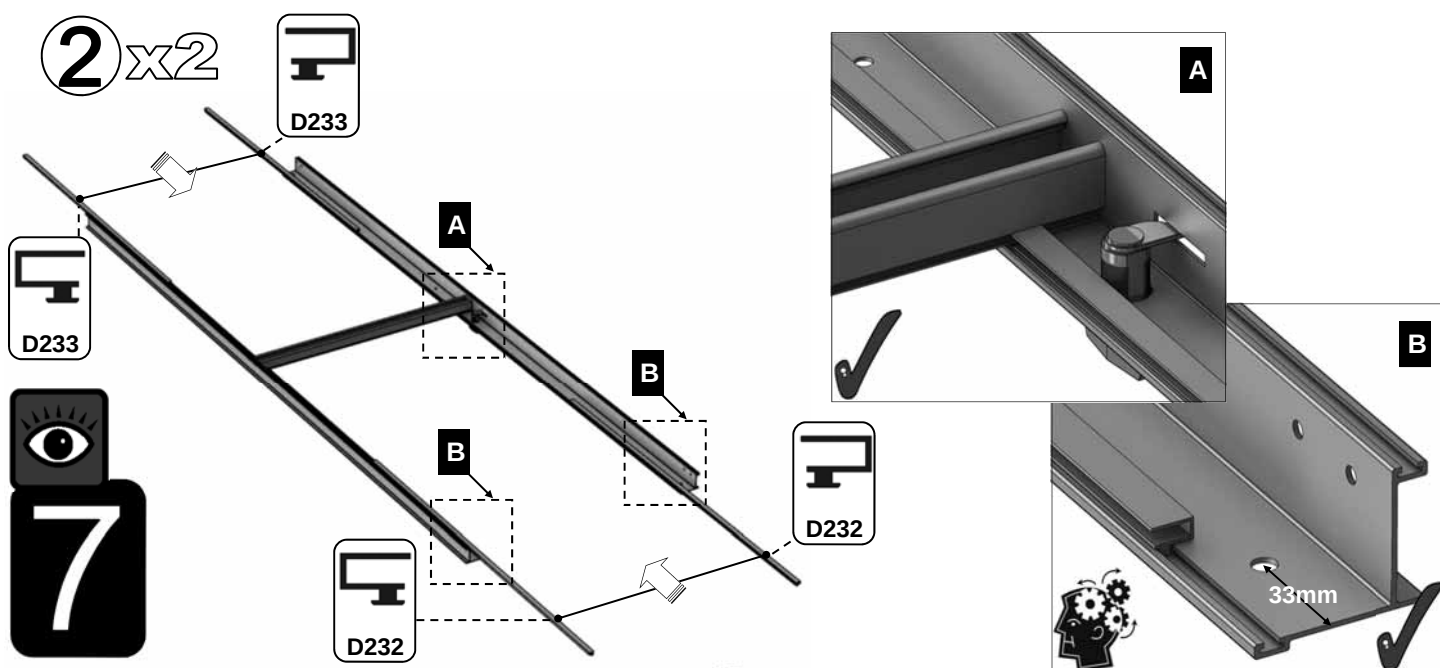
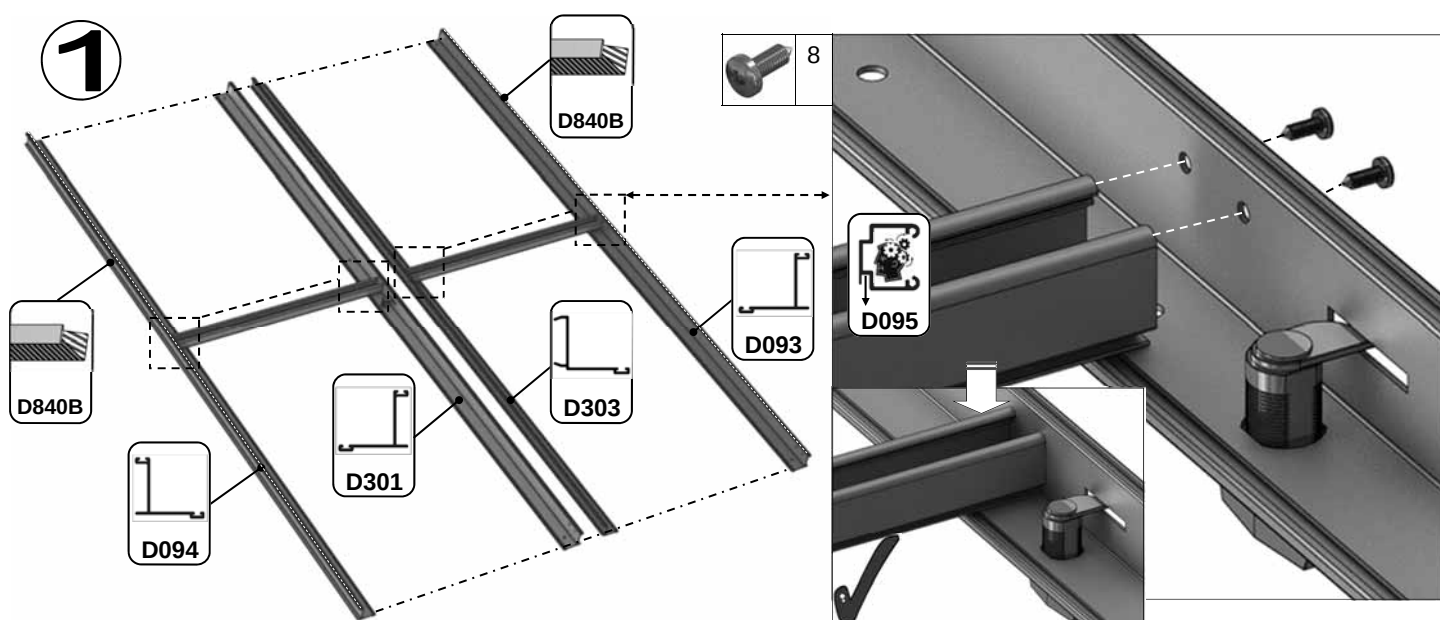


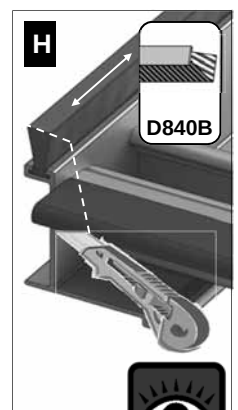
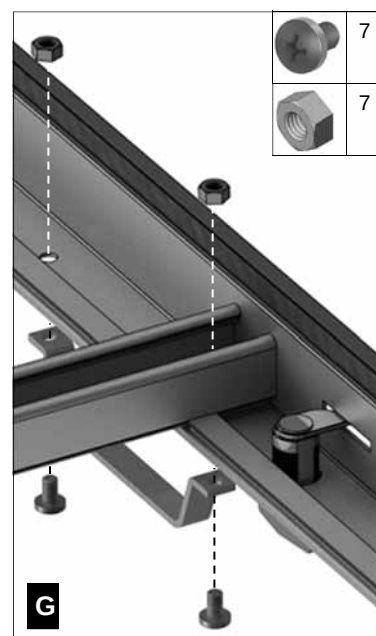
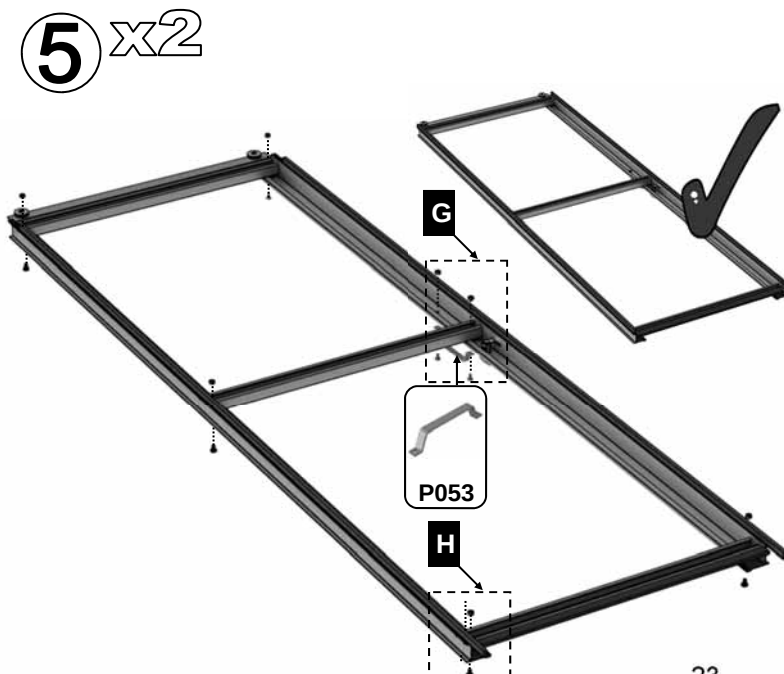
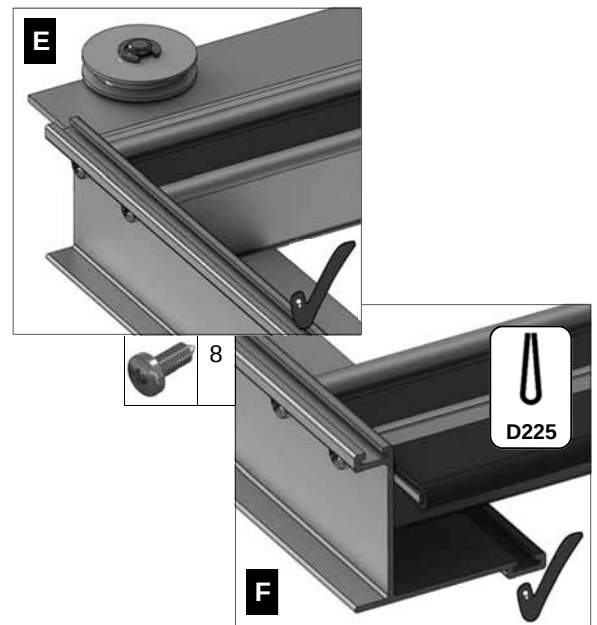
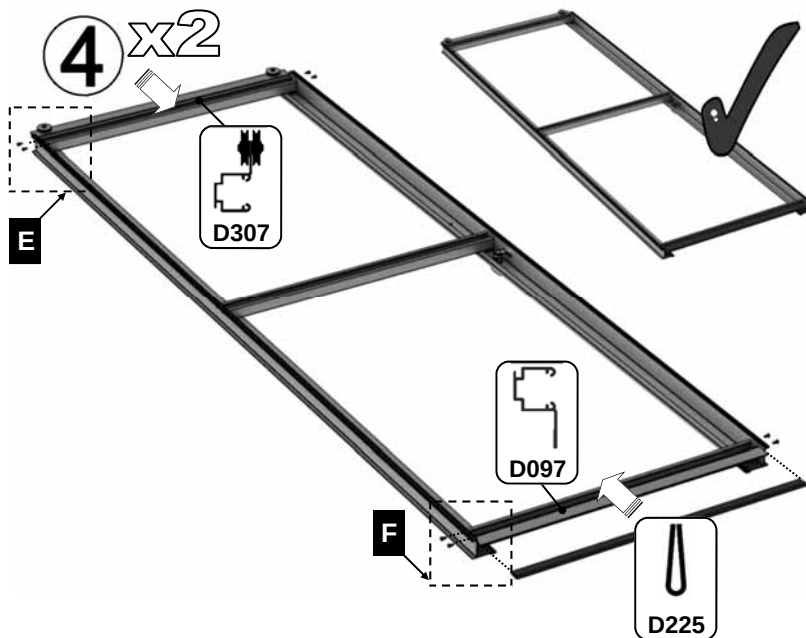
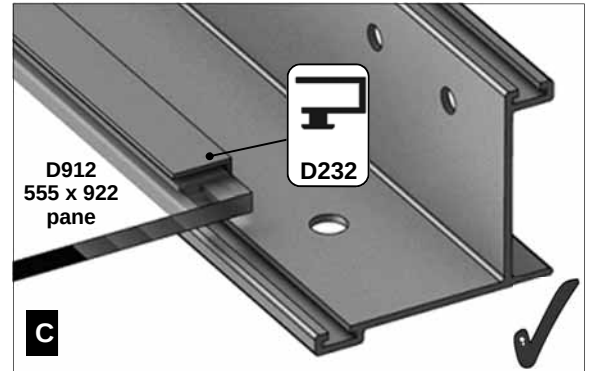
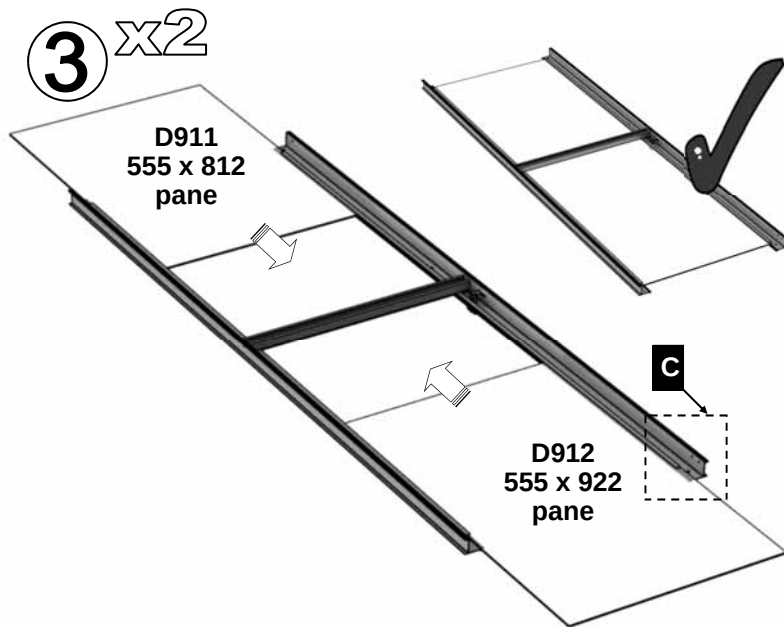


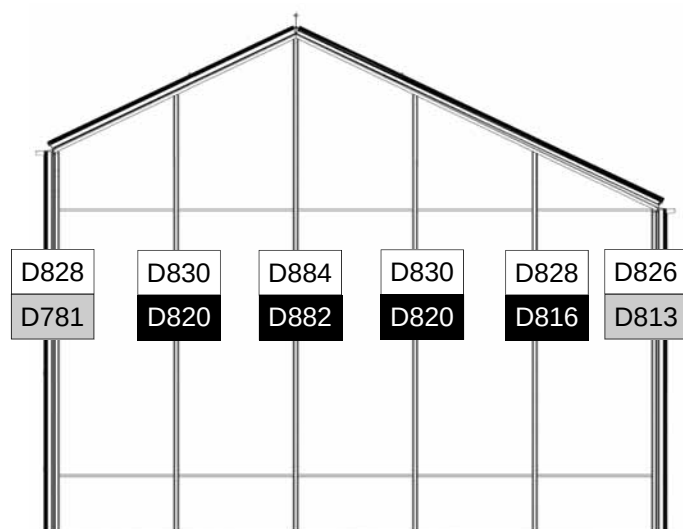
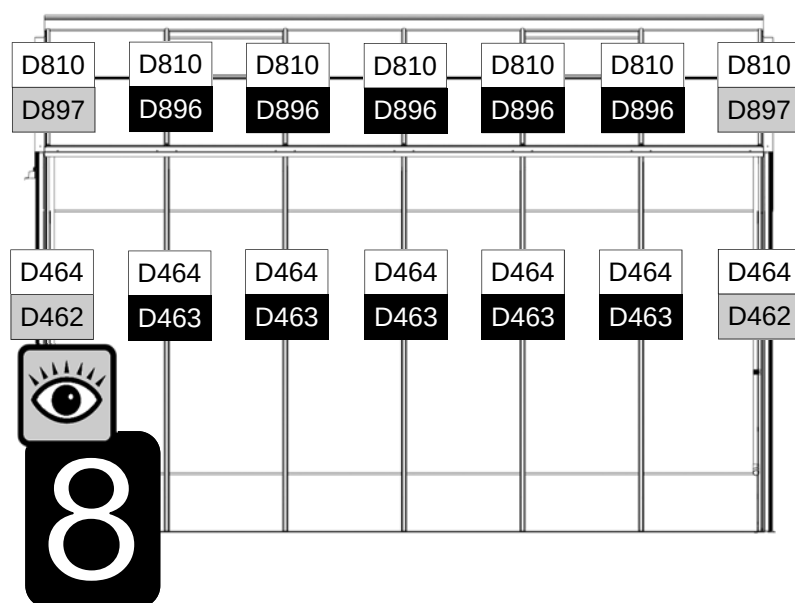
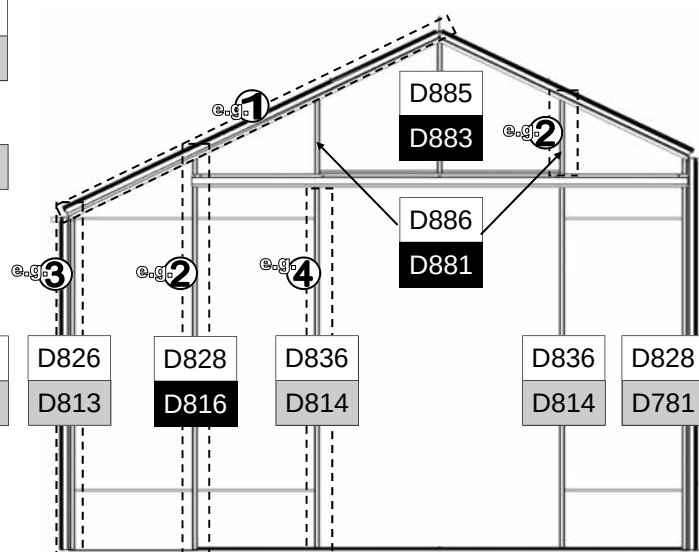
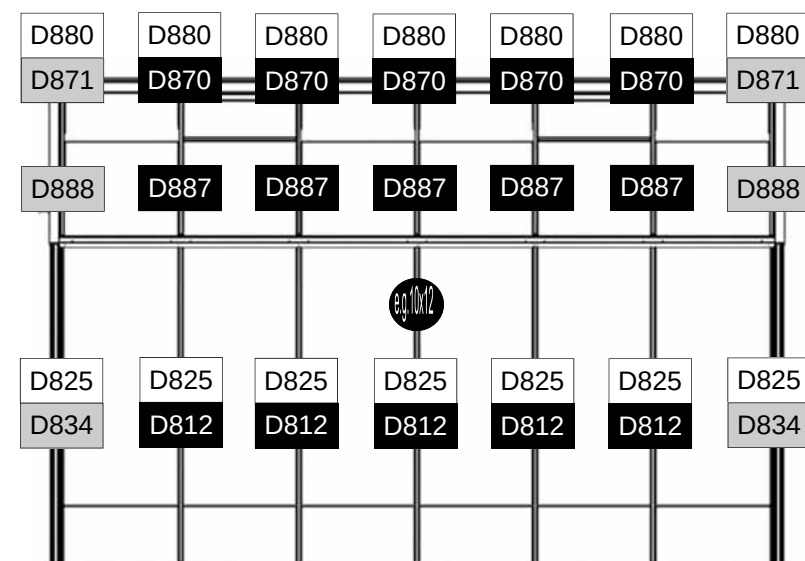


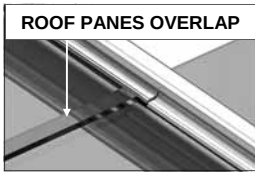
Part No		mm	Q
D094		1824	1
D090 + D347 lock = D301		1824	1
D092 + D156 strike = D303		1824	1
D093		1824	1
D096 + D217 wheel = D307		611	2
D095		611	2
D097		611	2

Part No		mm	Q
D232		905	4
D233		797	4
P053		N/A	2
D225		610	2
D840B		4000	1
D263 PACK x 2		N/A	14
		N/A	14
D261 PACK		N/A	24



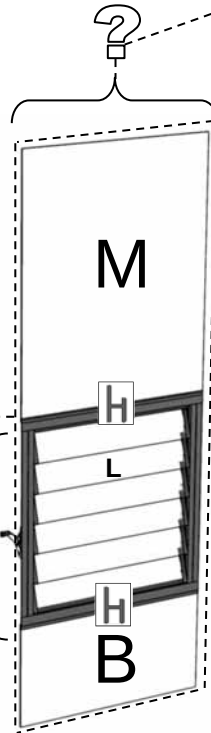
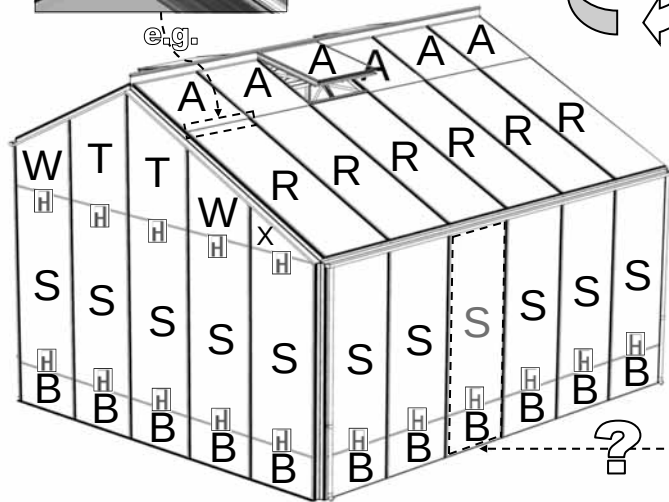
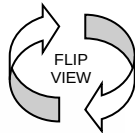
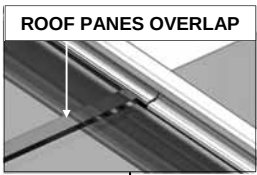
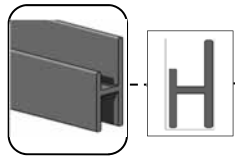
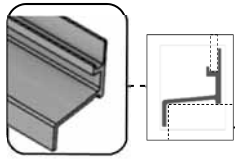


[illegible]



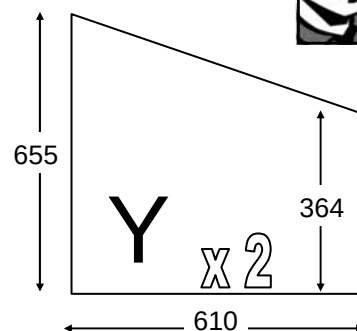
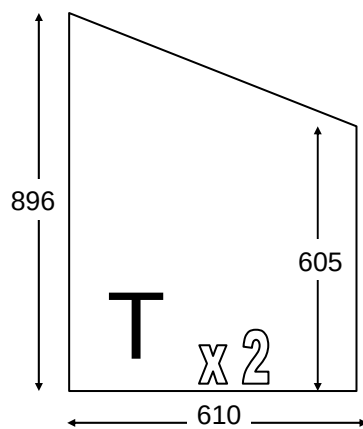
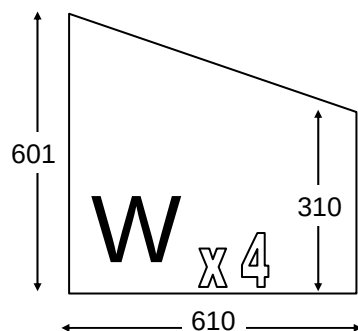
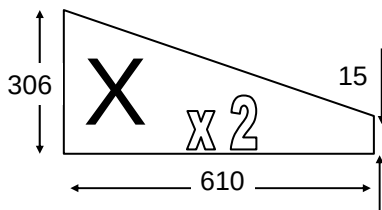
REDOUBTABLE TOUGHENED GLASS

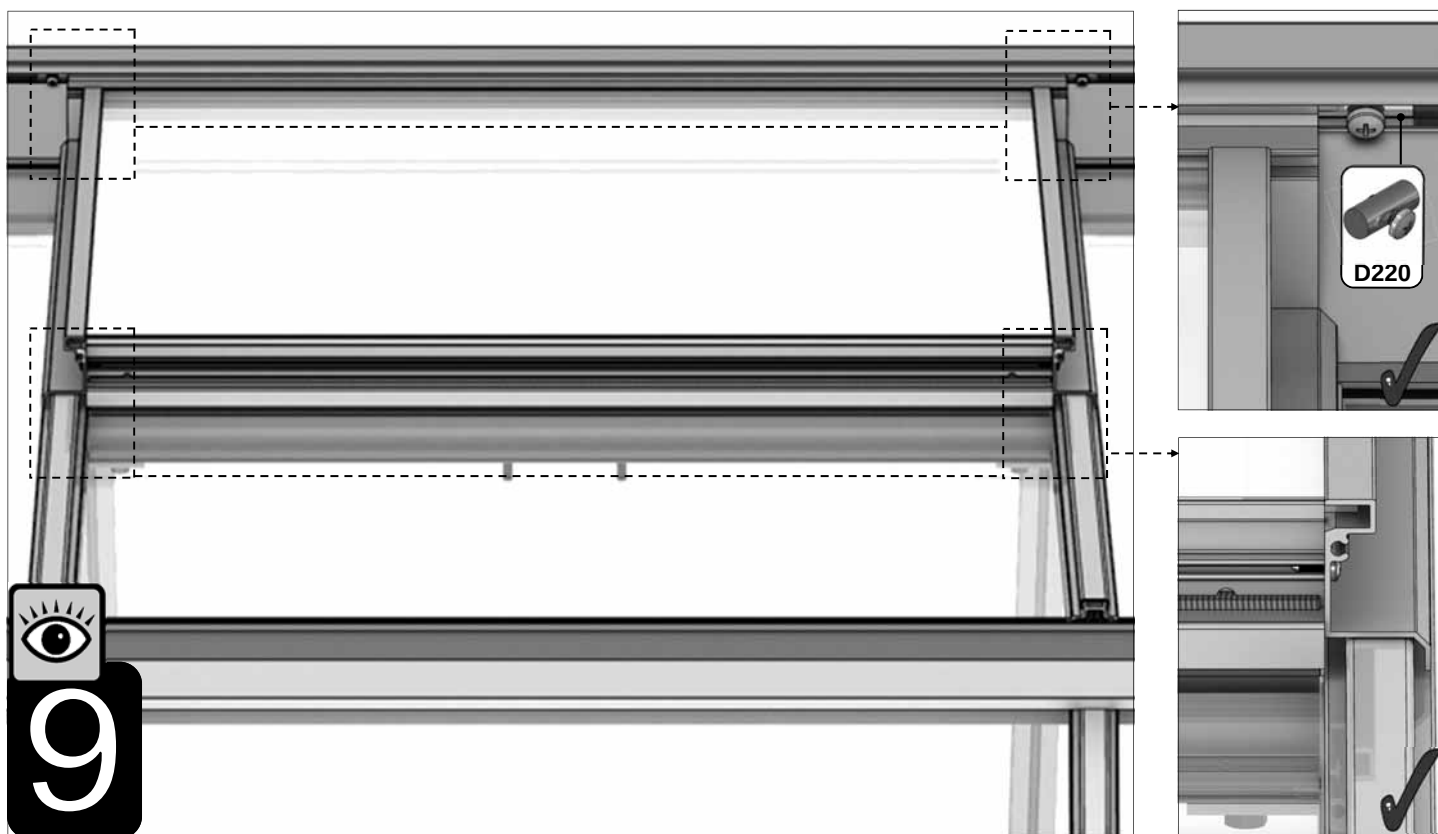
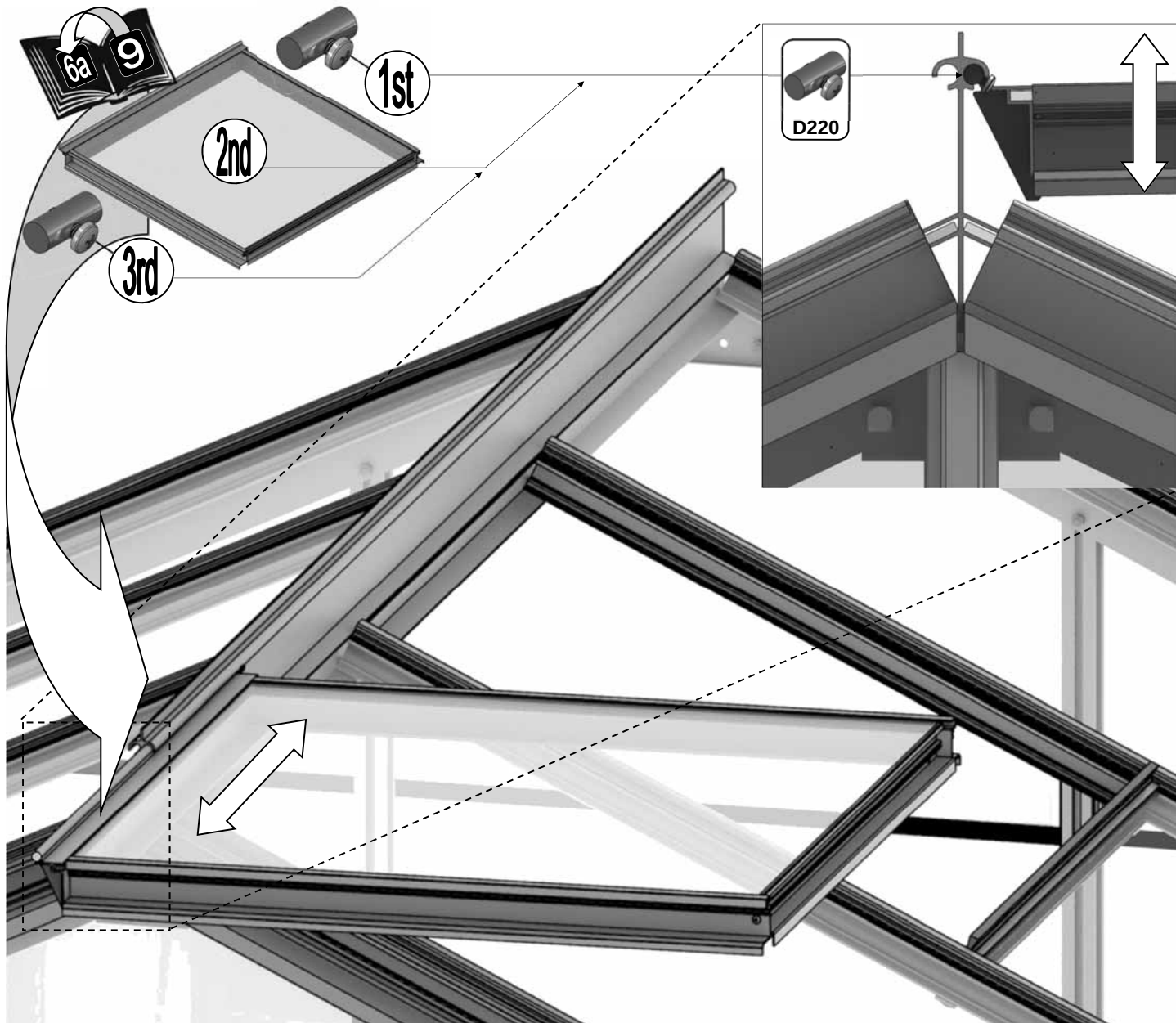
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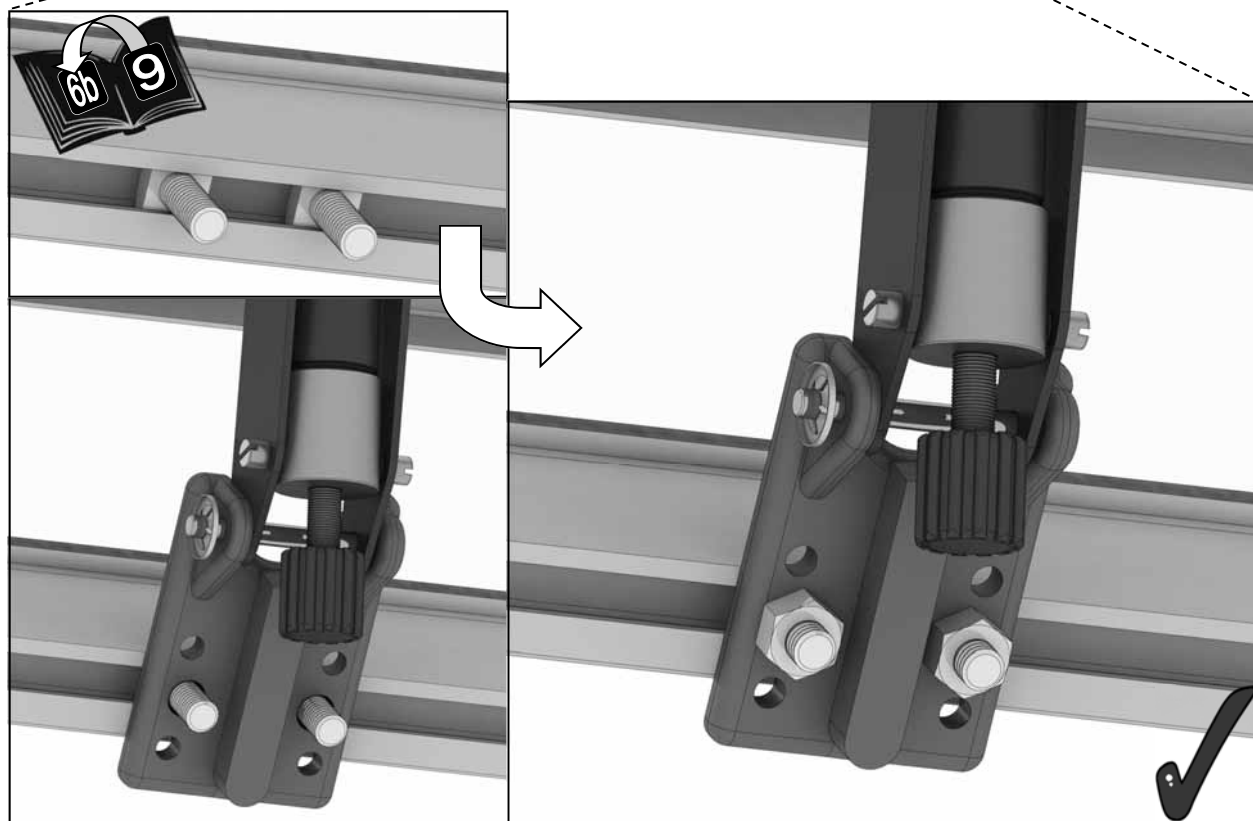
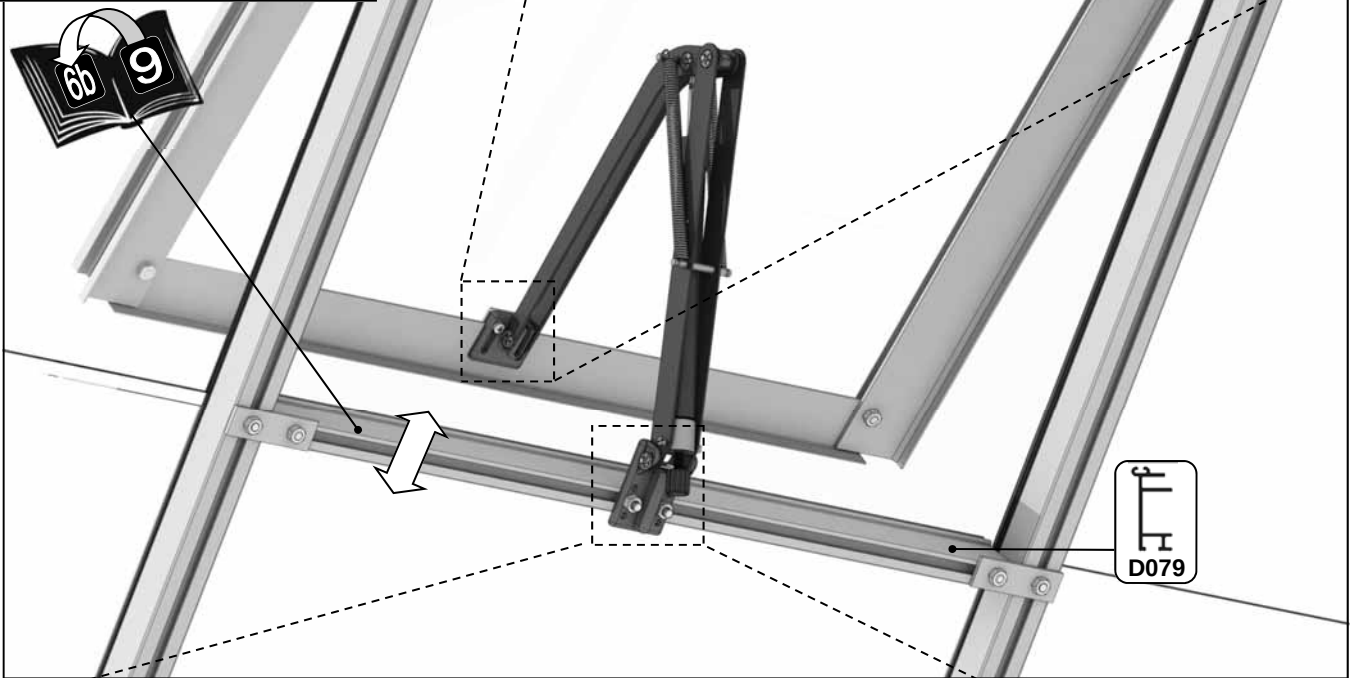
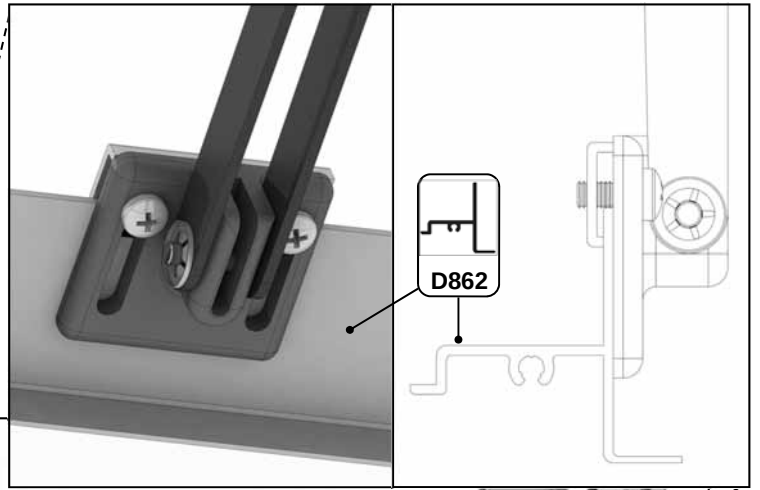


D906	M	610 X 762	1
D729	L	525 X 100	6
D101 / ROSEPS	H	610 long	1

PART No		Size (mm)	6'	8'	10'	12'
D1206	S	610 X 1374	13	14	16	18
-	E	610 X 300	3	4	5	6
D1254	B	610 X 305	14	16	18	20
D1208	A	610 X 610	6	8	10	12
D892	R	610 X 1500	3	4	5	6
D1212	U	610 X 812	3	4	5	6
D911	C	555 X 812	2			
D912	D	555 X 922	2			
D900	X	ANGLE	2			
D908	W	ANGLE	4			
D890	T	ANGLE	2			
D891	Y	ANGLE	2			
D223/B		1210 LONG	1			
D101 / ROSEPS	H	610 LONG	25	28	31	34

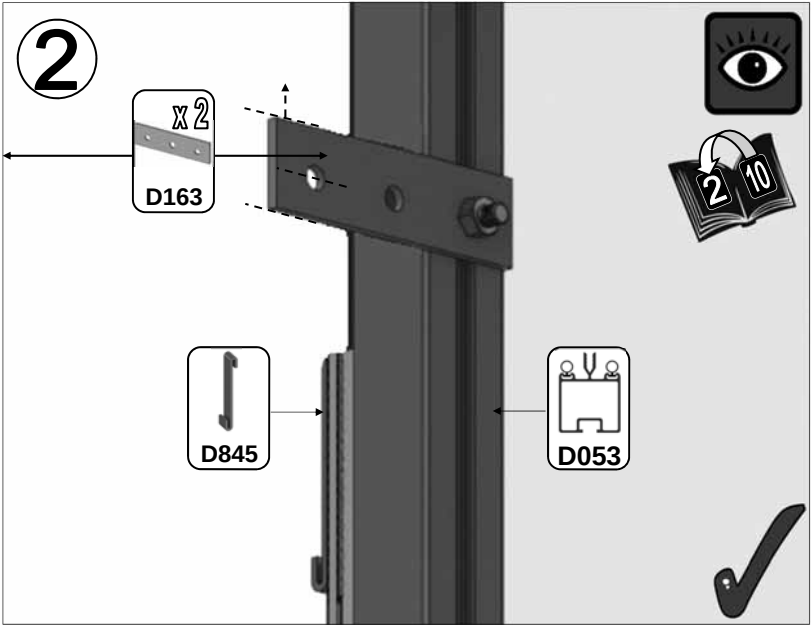
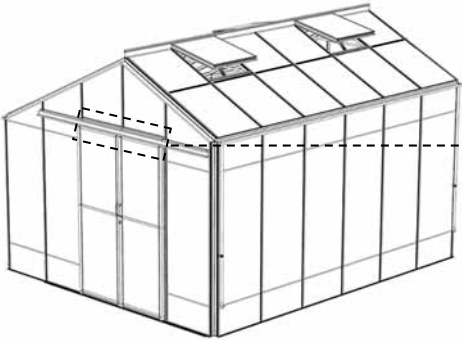
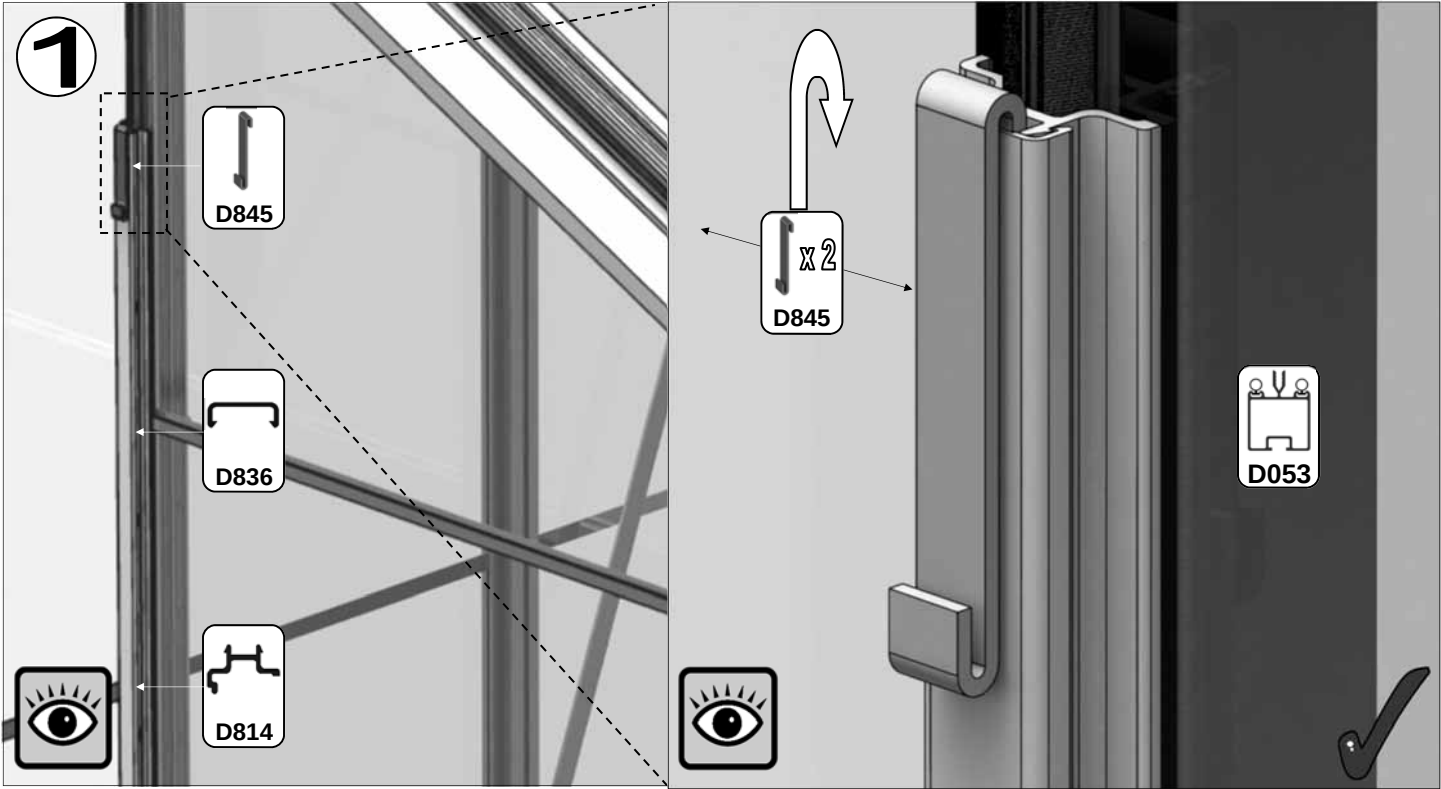
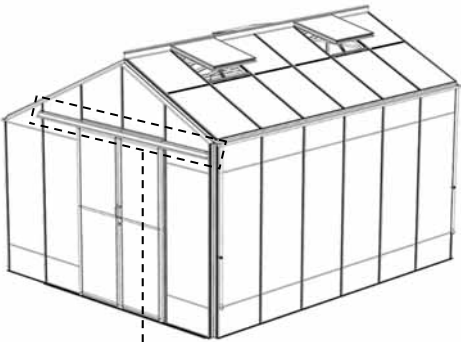




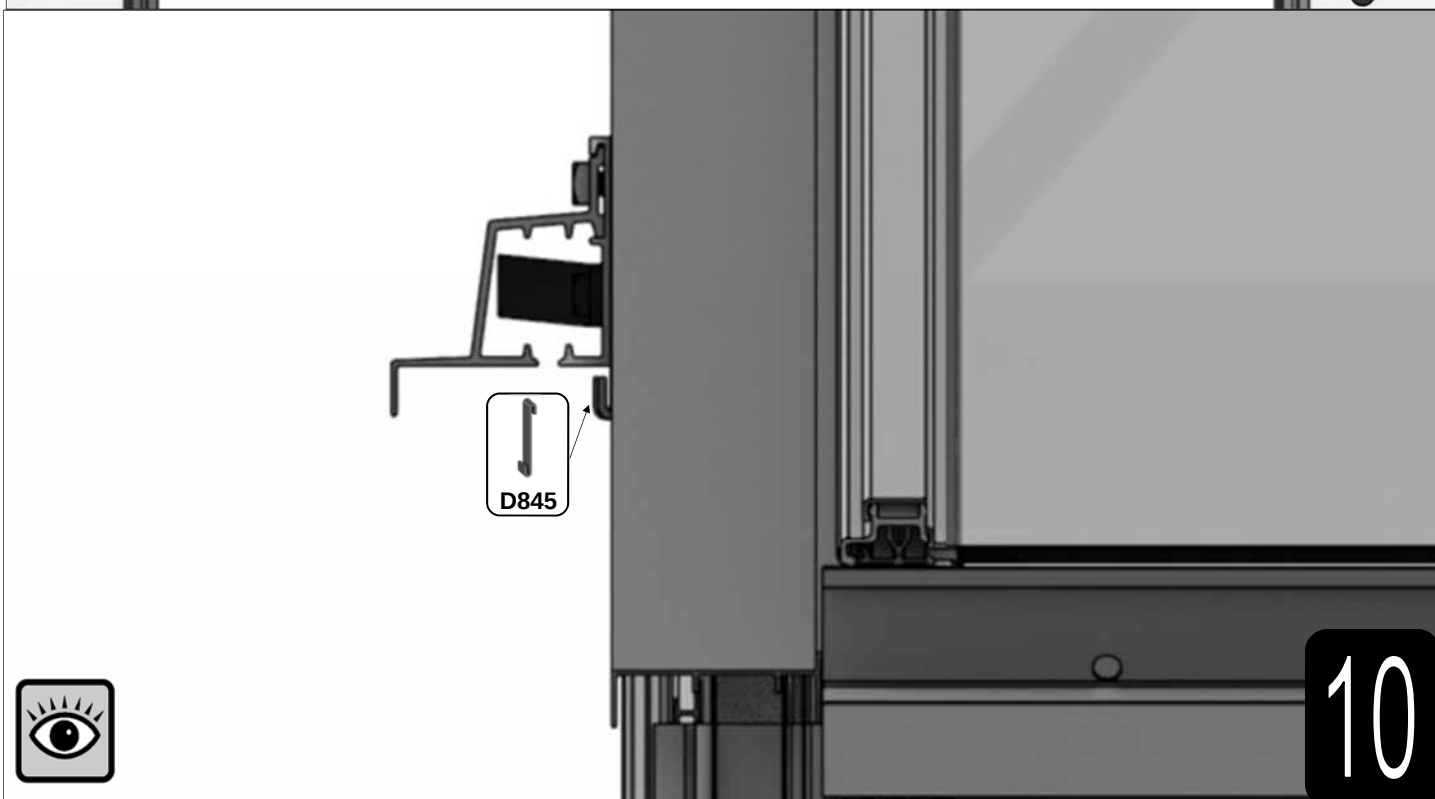
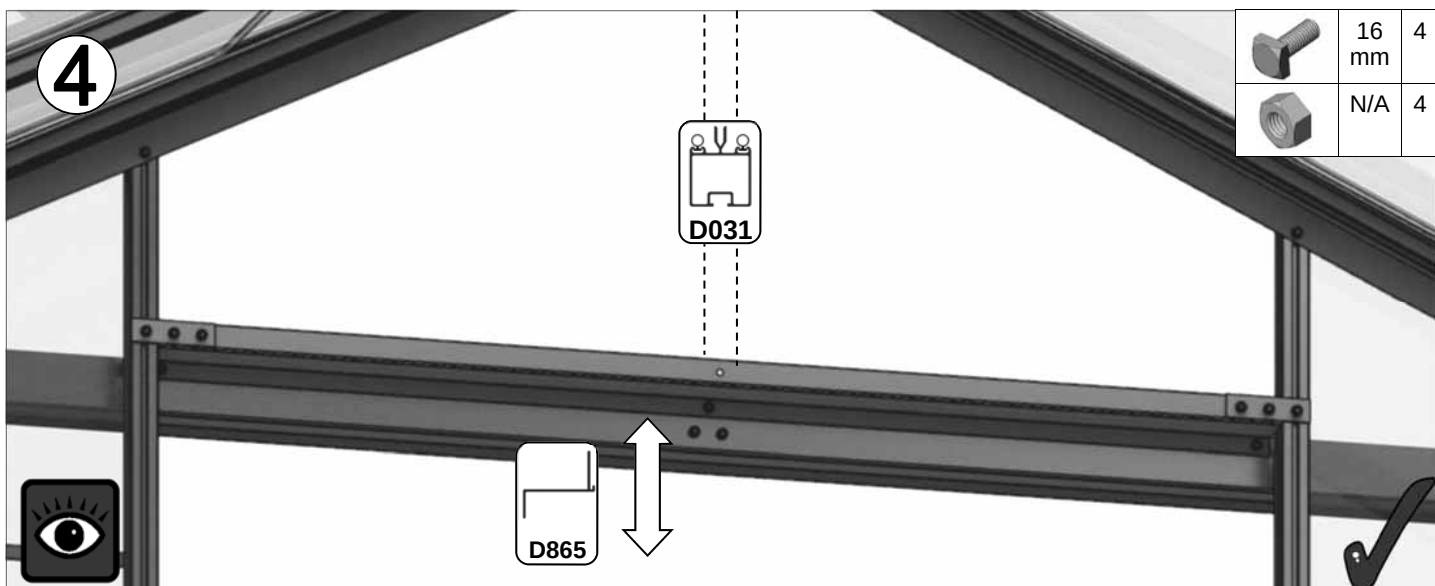
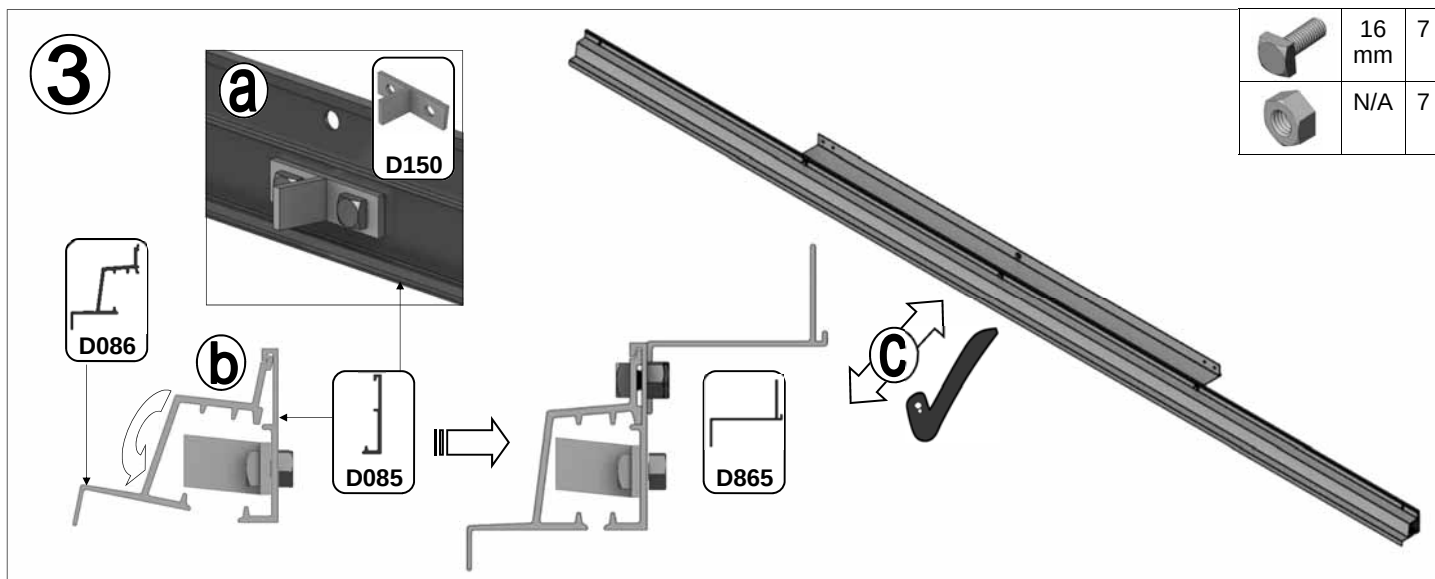


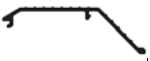
Part No		mm	Q
D865		1210	1
D086		2510	1
D085		2510	1

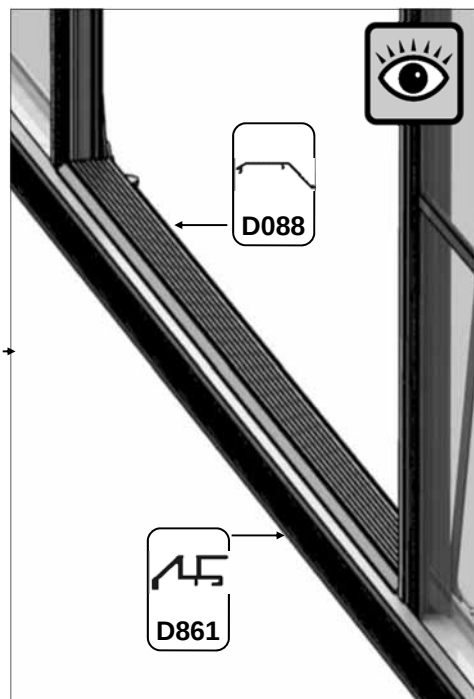
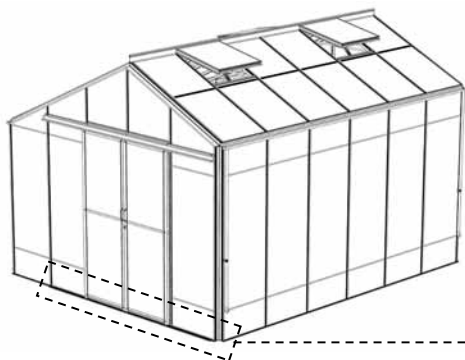
Part No		mm	Q
D163		90	2
D150			1
D845			2
BOLM6X16			11
NUT M6			11



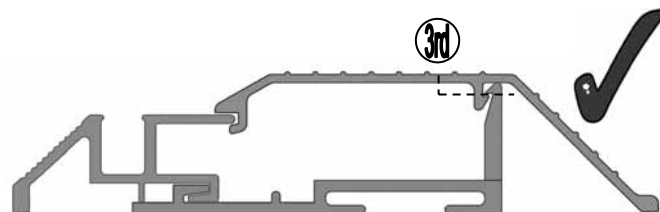
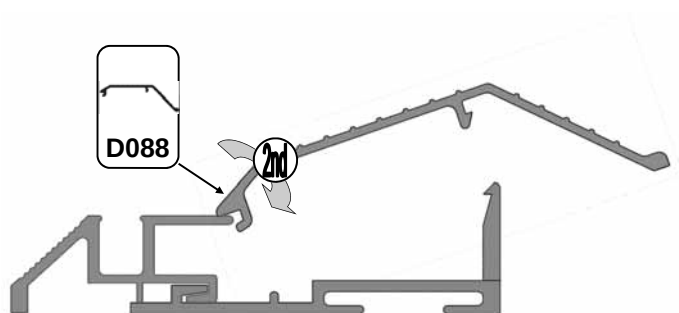
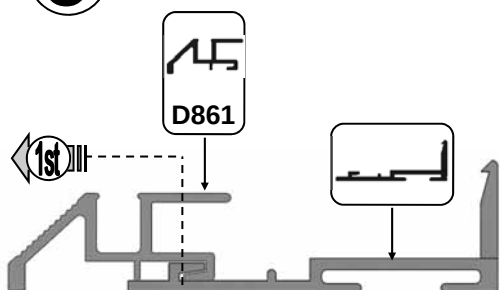
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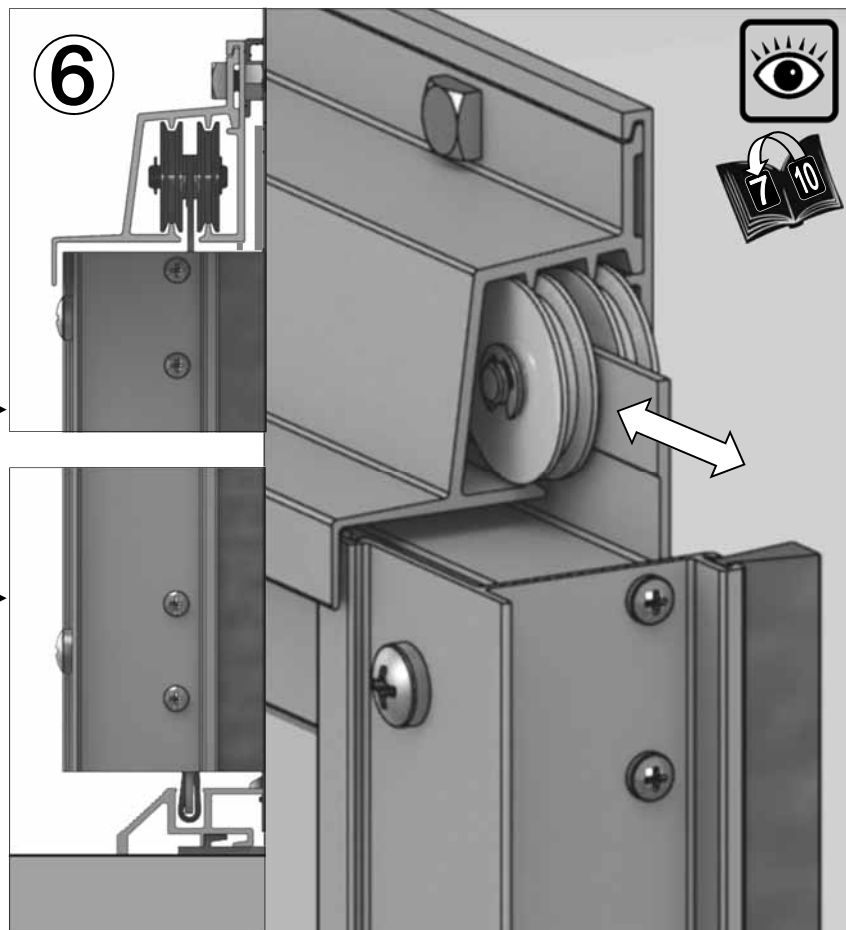
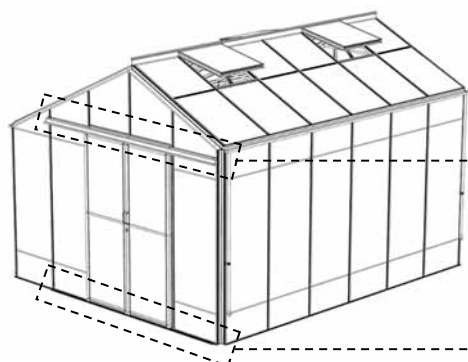
Part No		Q
D861		1
D088		1



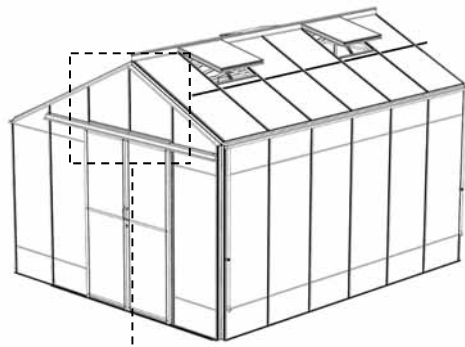
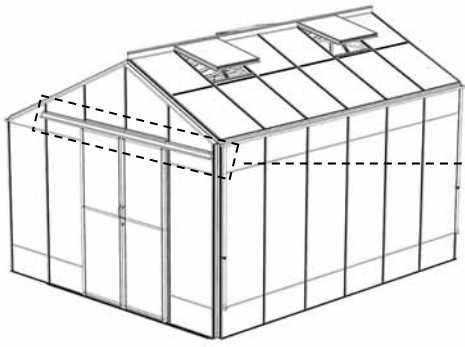
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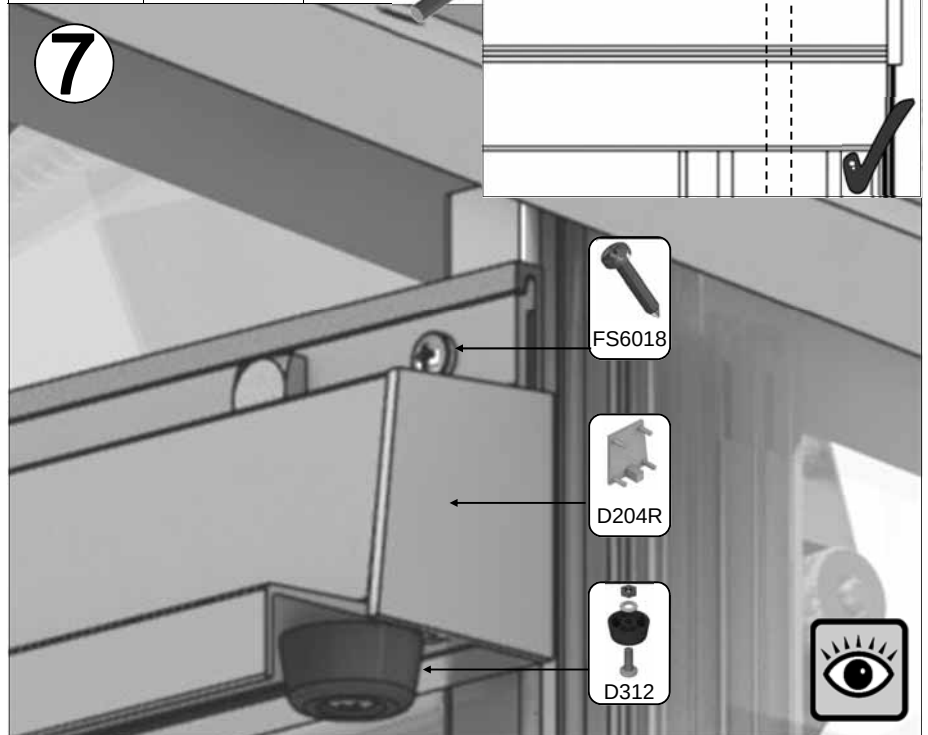
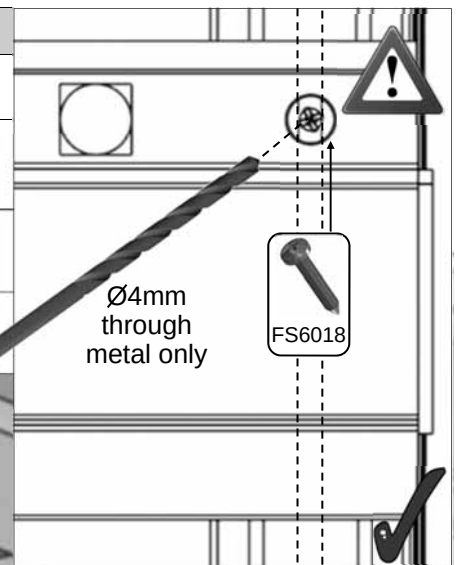
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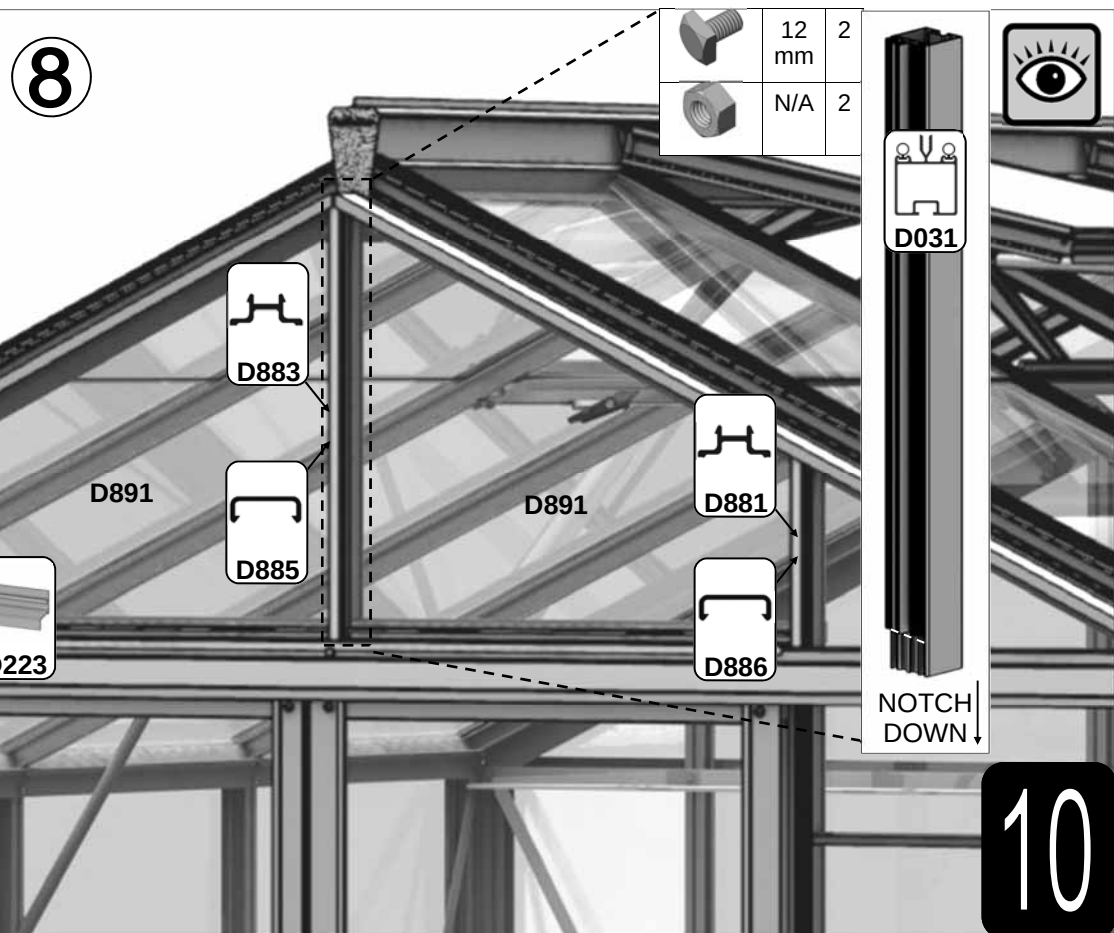
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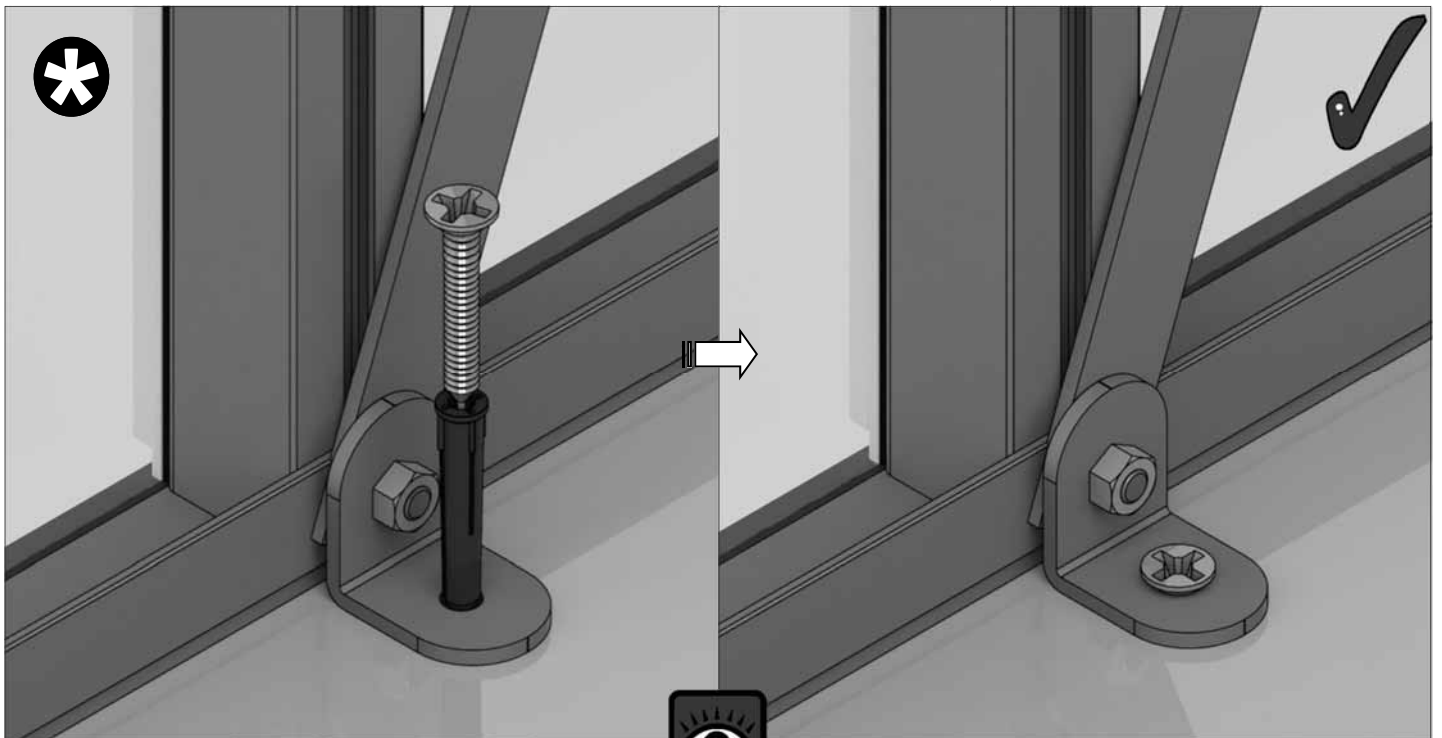
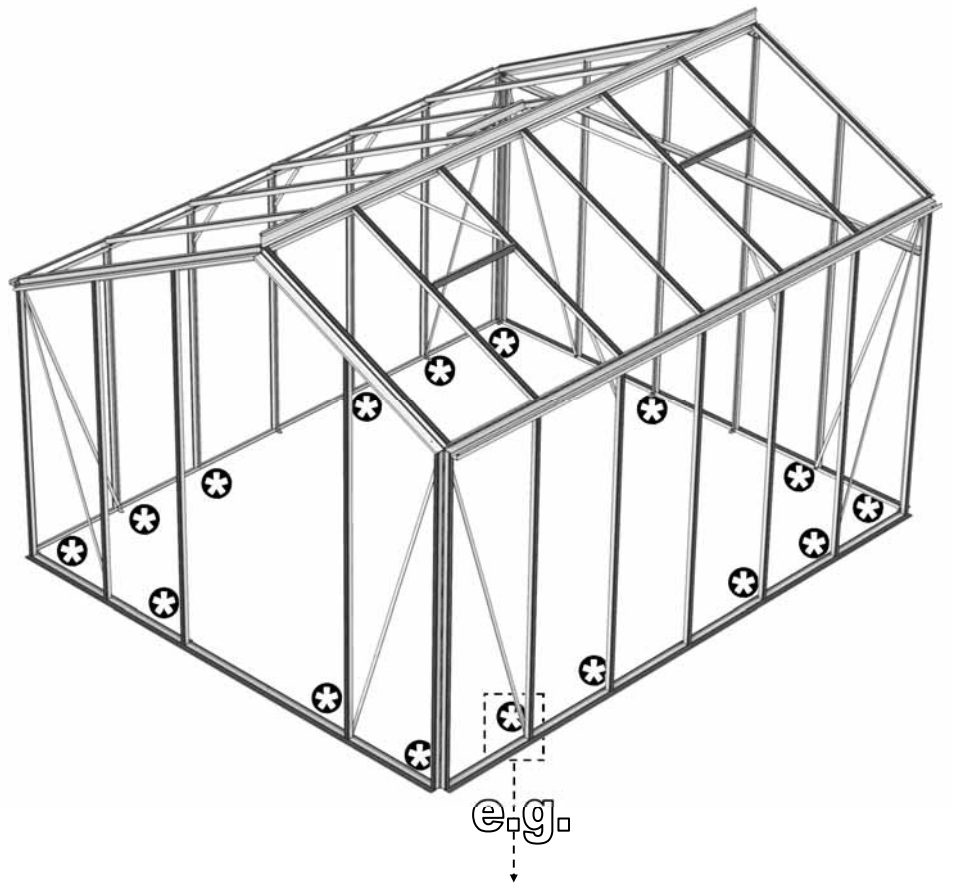
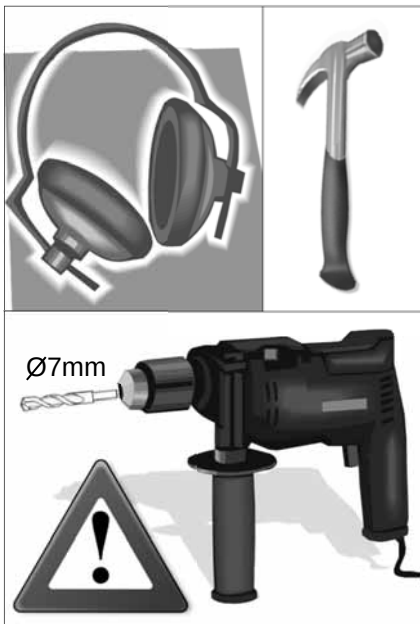


Part No		Quantity
FS6018		2
D312		2
D204L /B		1
D204R /B		1

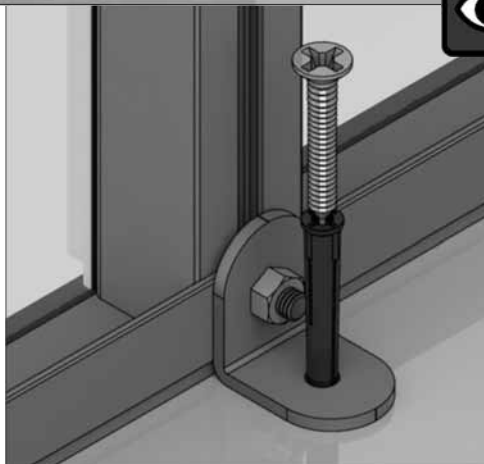


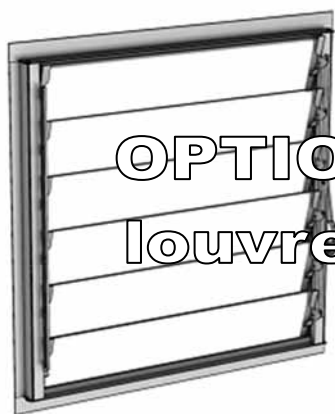
Part No		Q
D031		1
D223/B		1
D881		2
D883		1
D886		2
D885		1





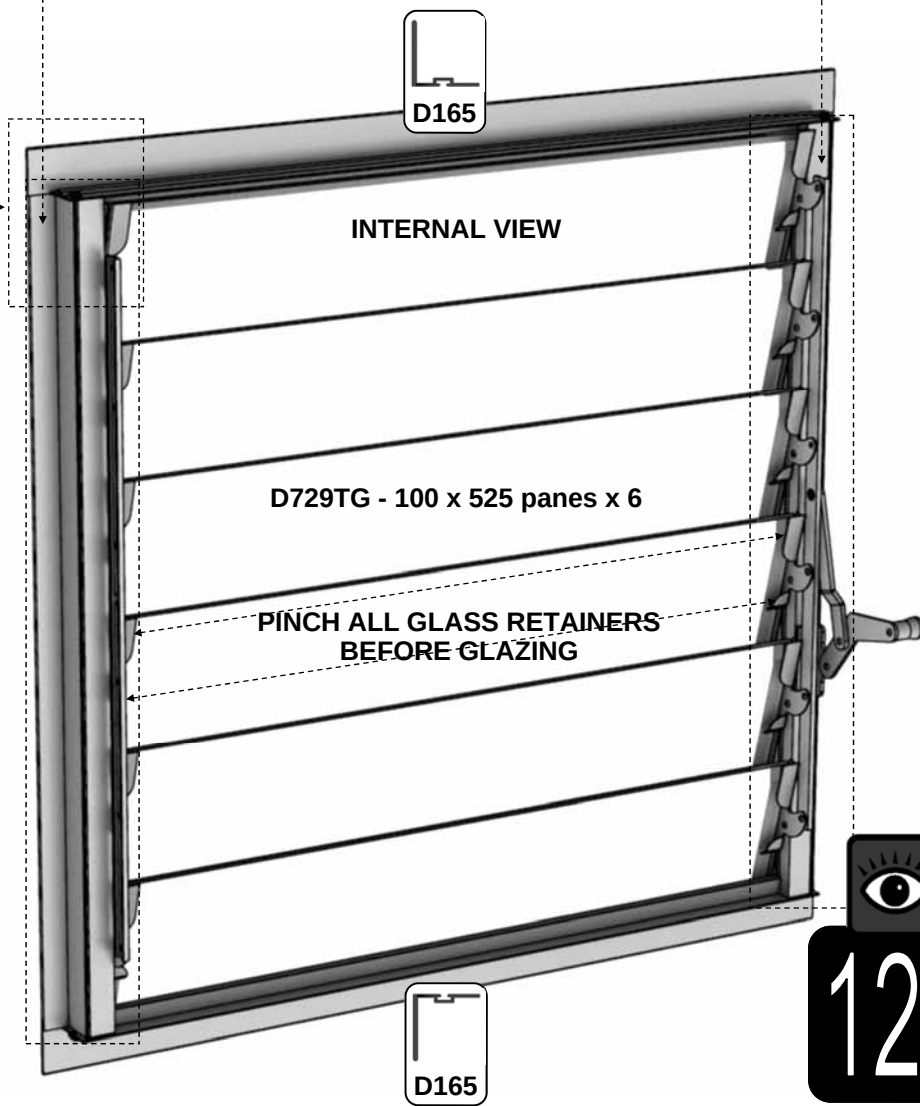
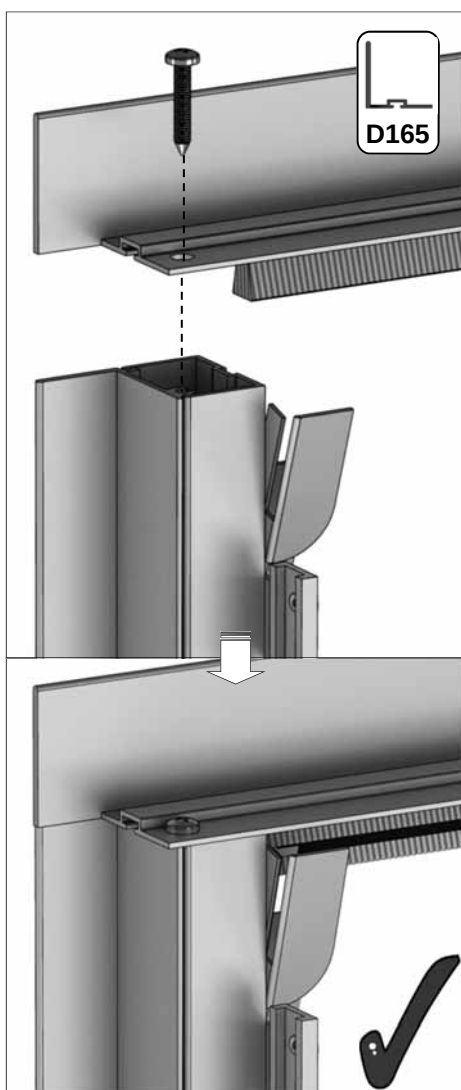
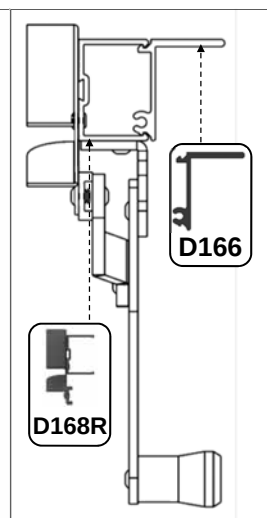
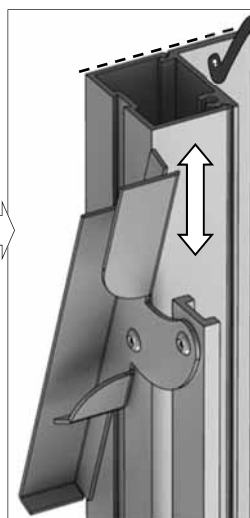
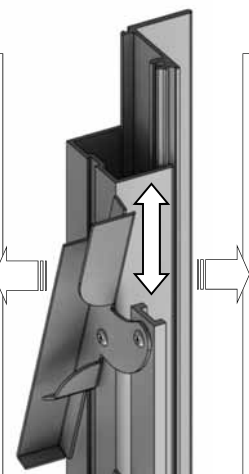
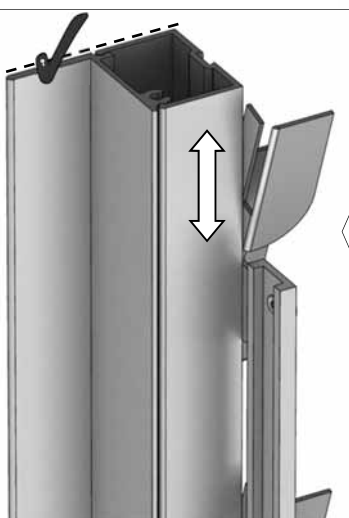
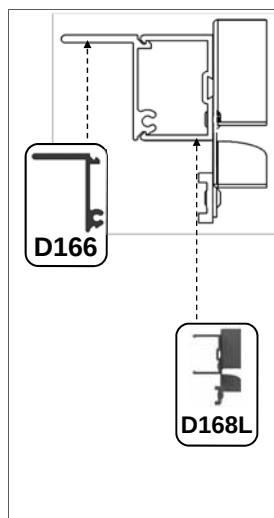
11



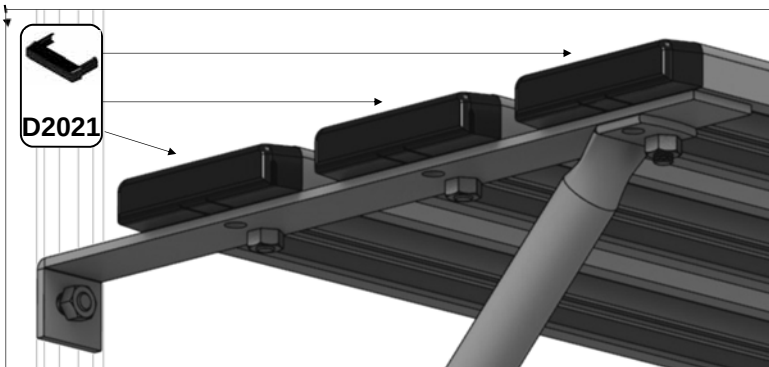
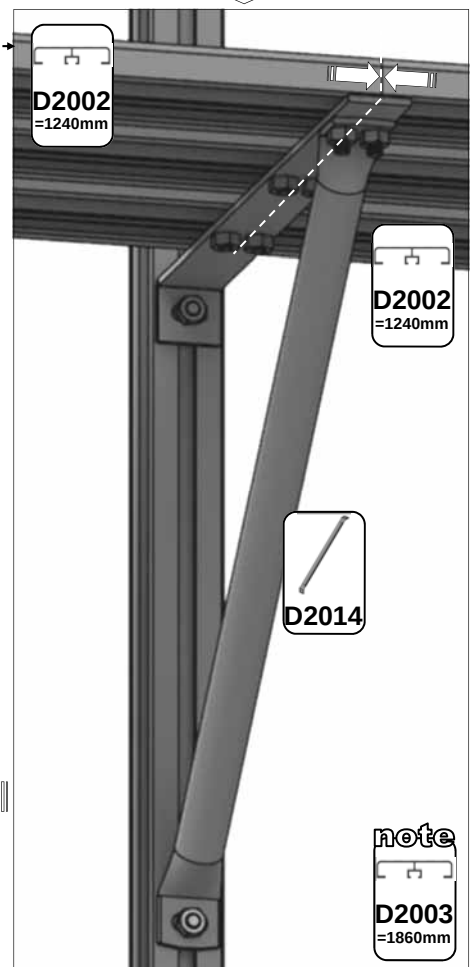
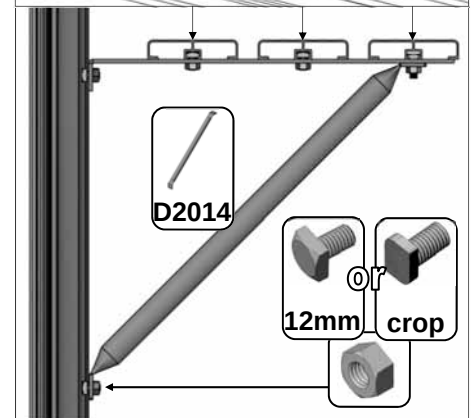
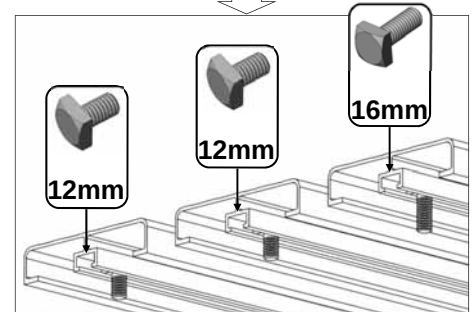
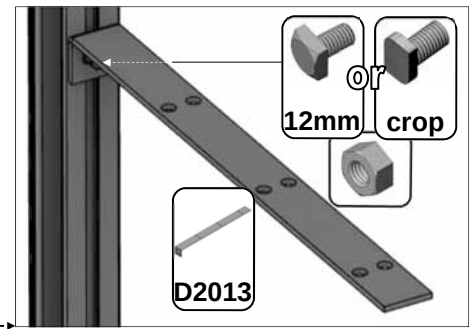
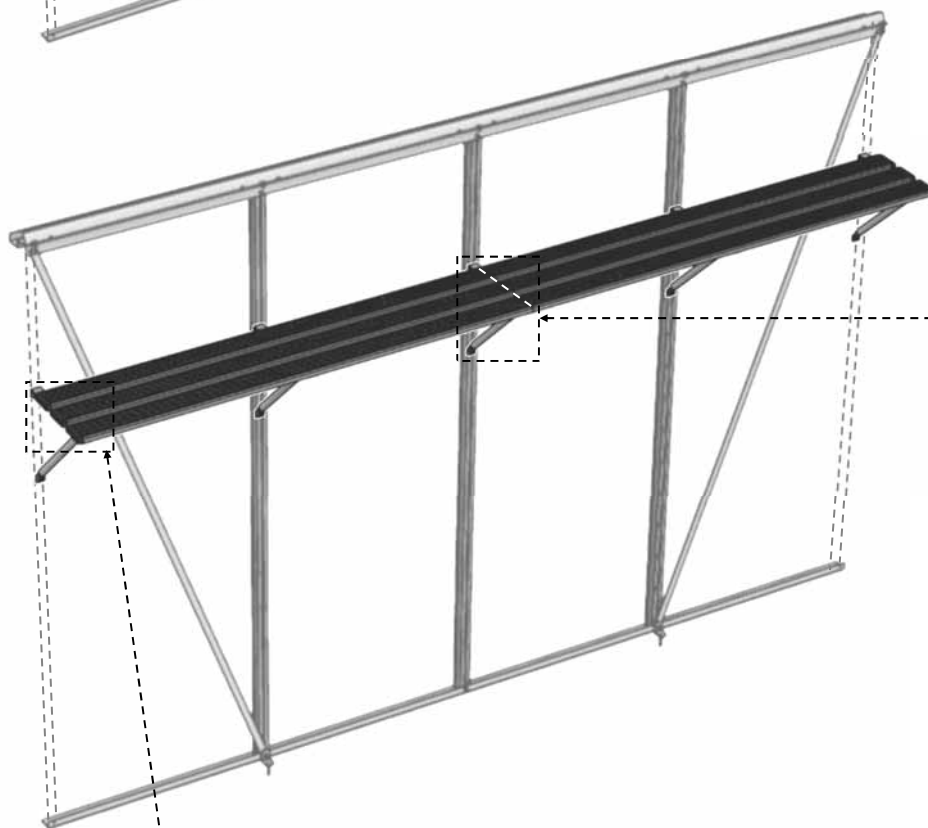
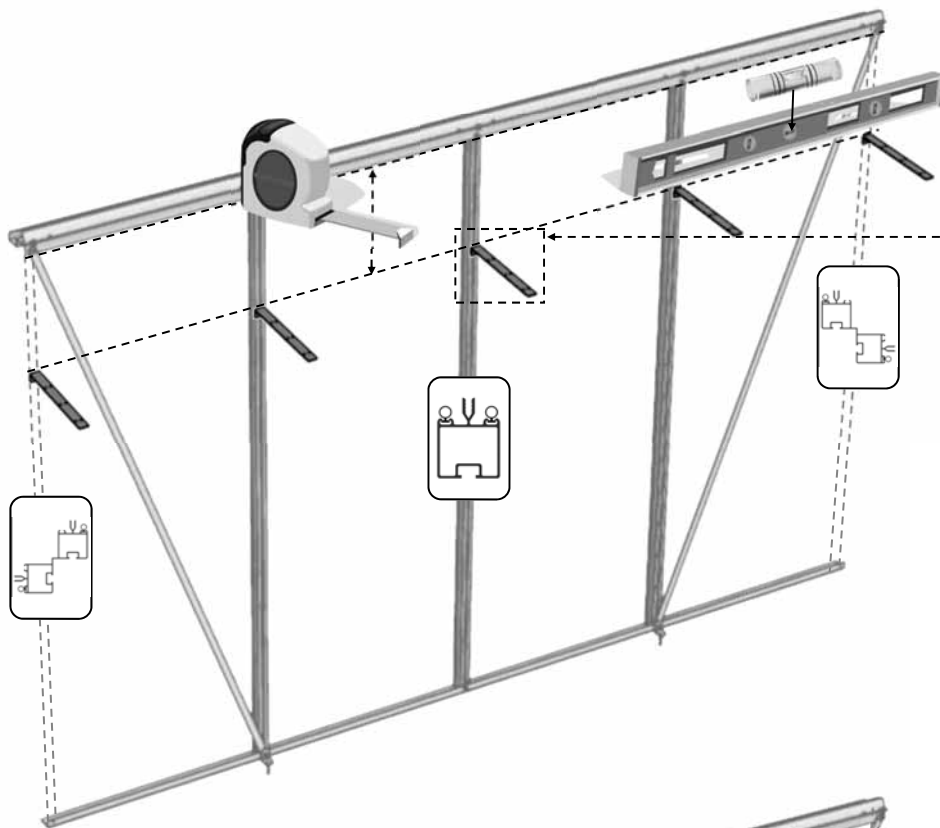


OPTIONAL
louvre = {

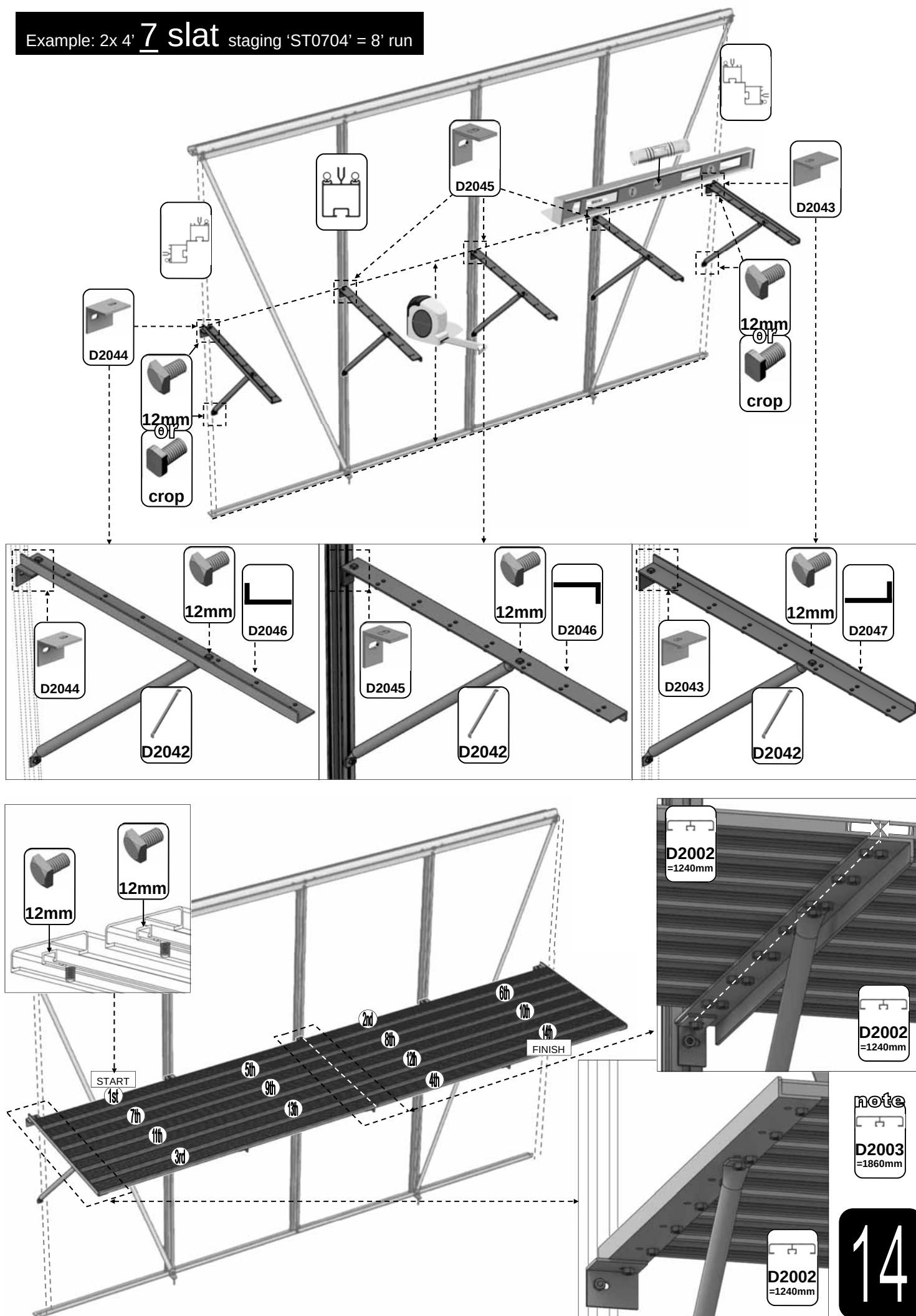
Part No		mm	Quantity
D168L		552	1
D168R (handle)		552	1
D165		612	2
D166		552	2
FS6013		12	4



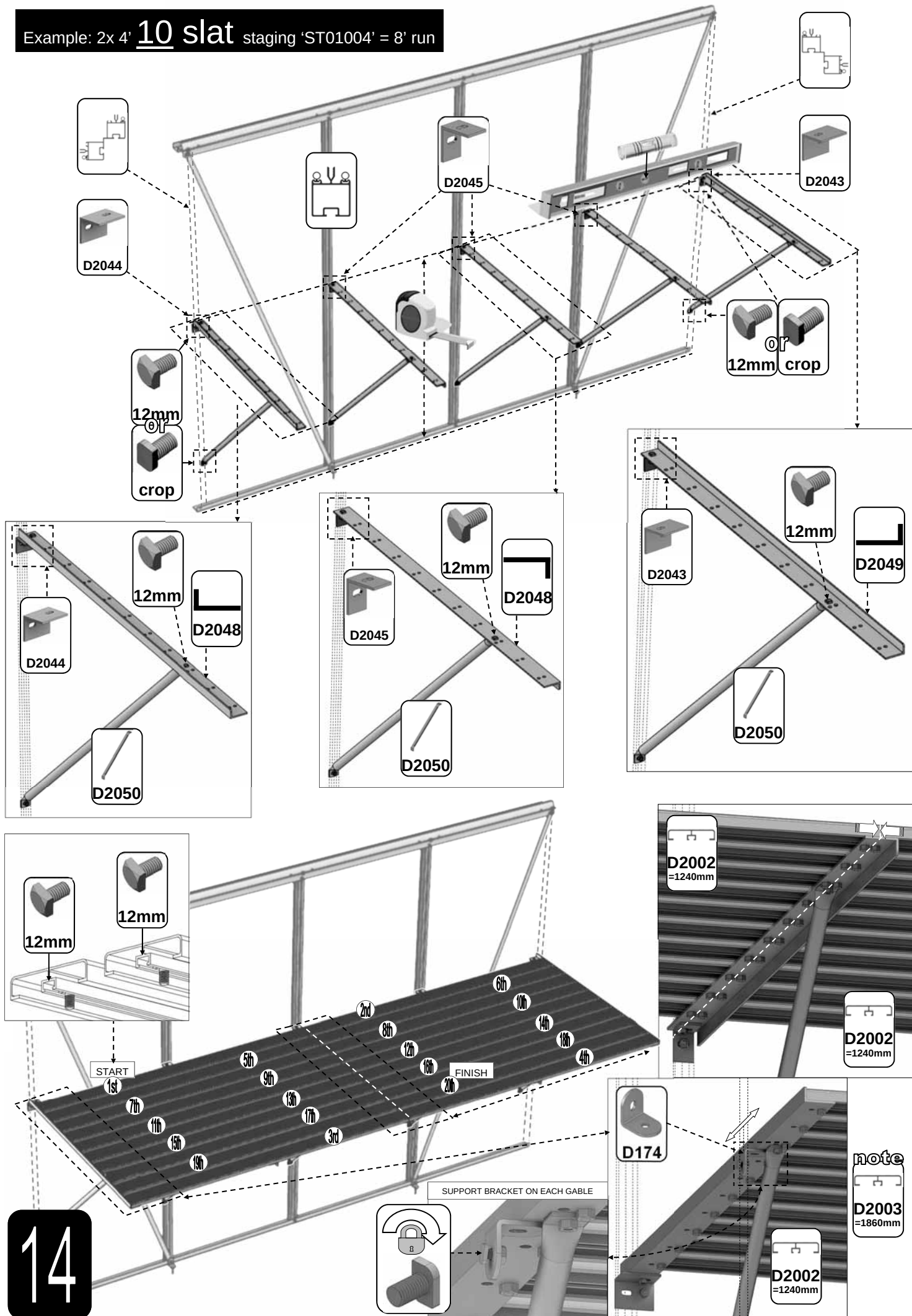
Example: 2x 4' 3 slat shelves 'ST0304' = 8' run

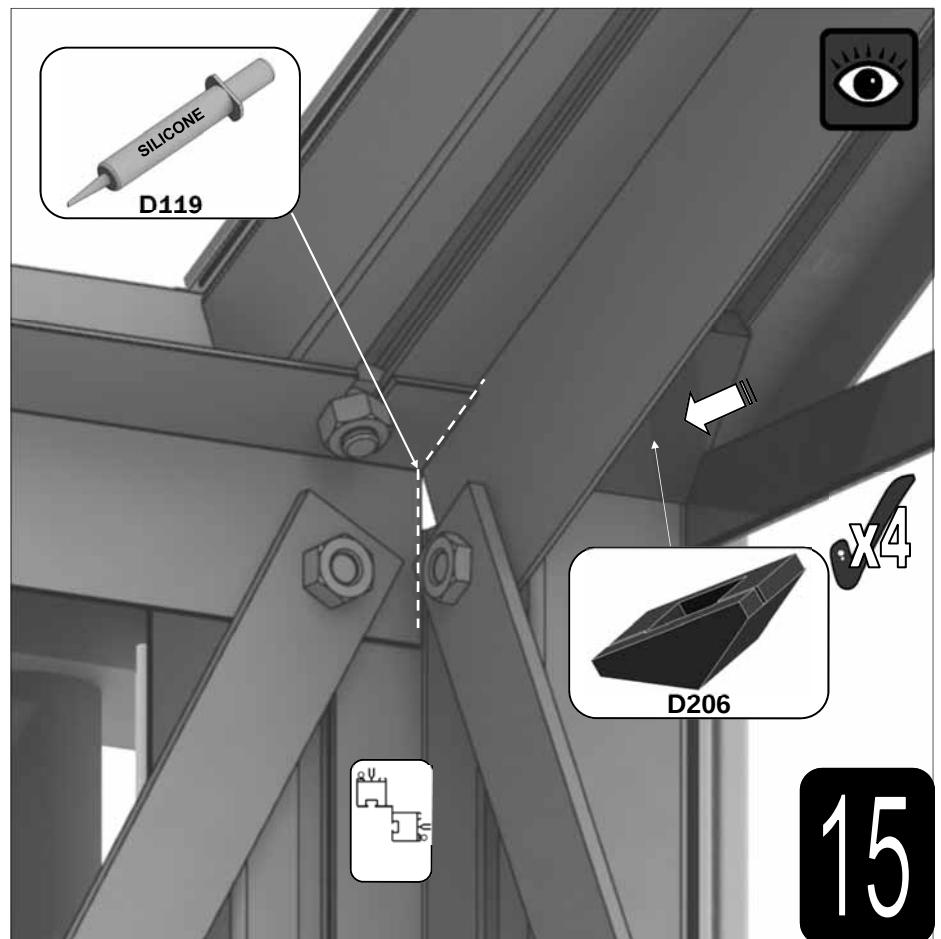
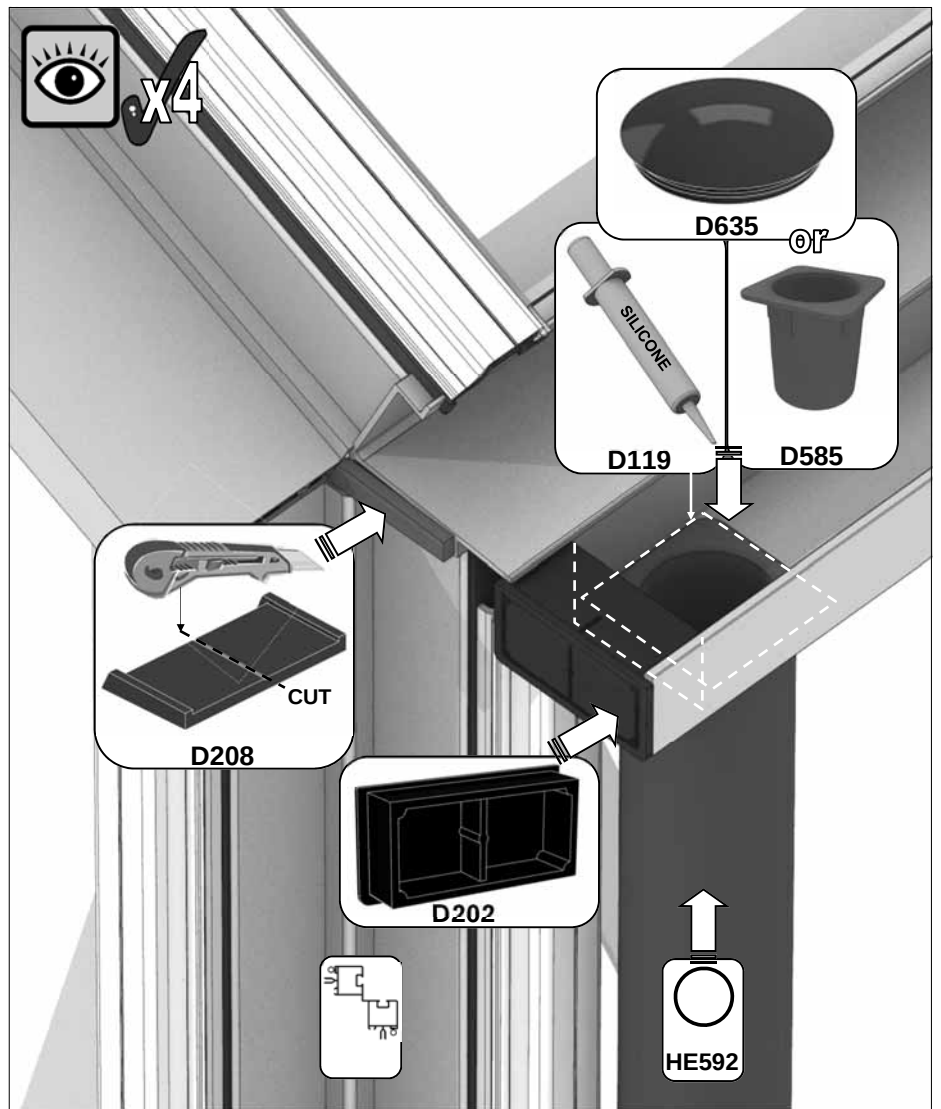
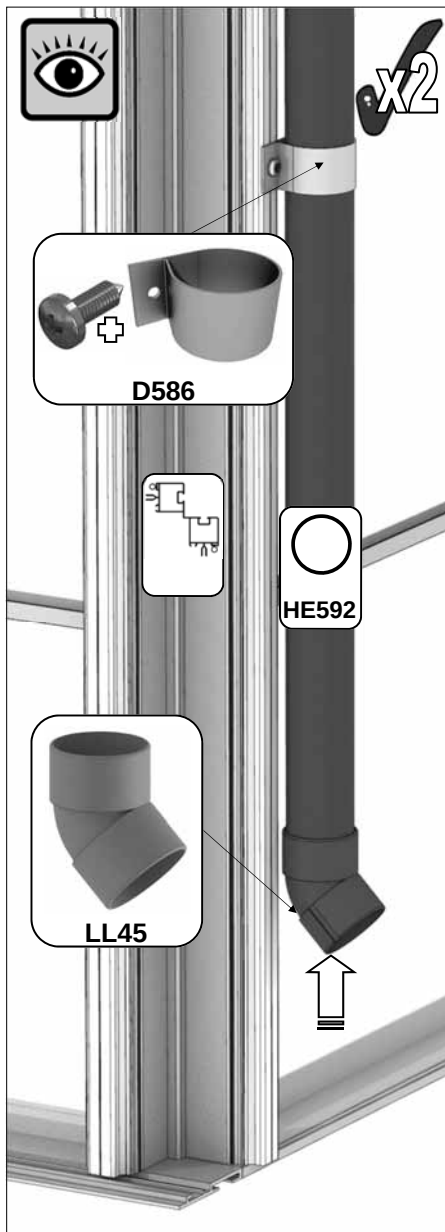
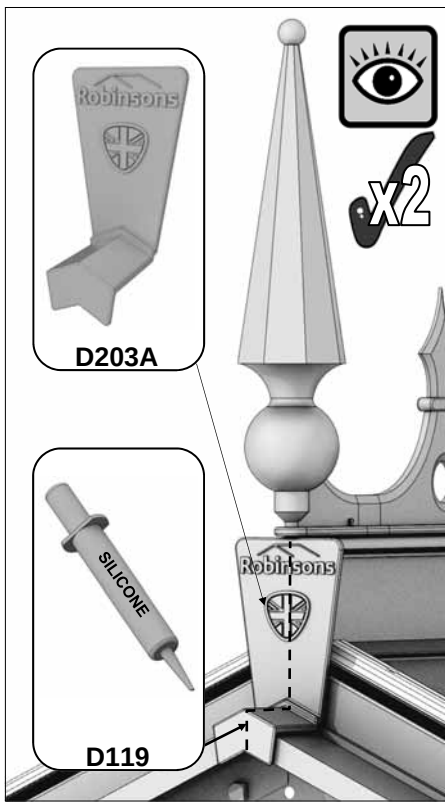


Example: 2x 4' 7 slat staging 'ST0704' = 8' run



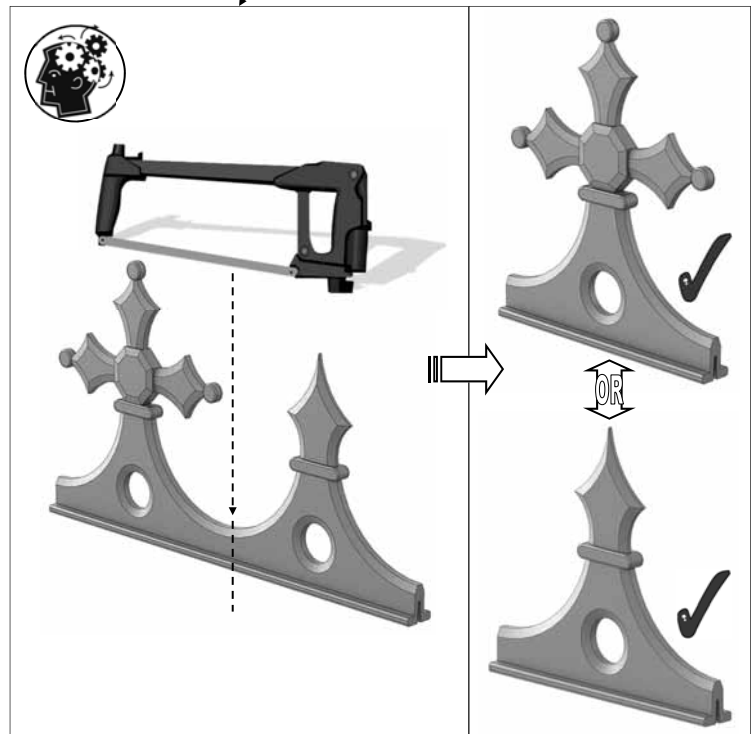
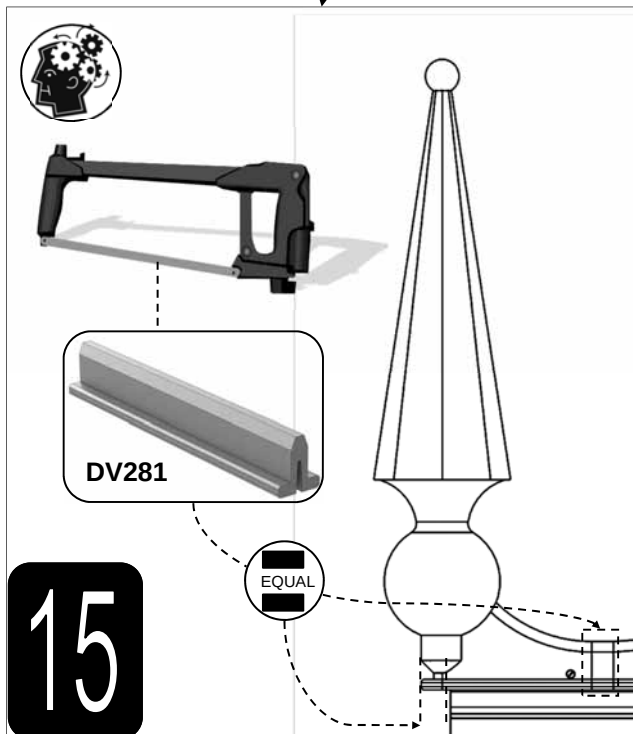
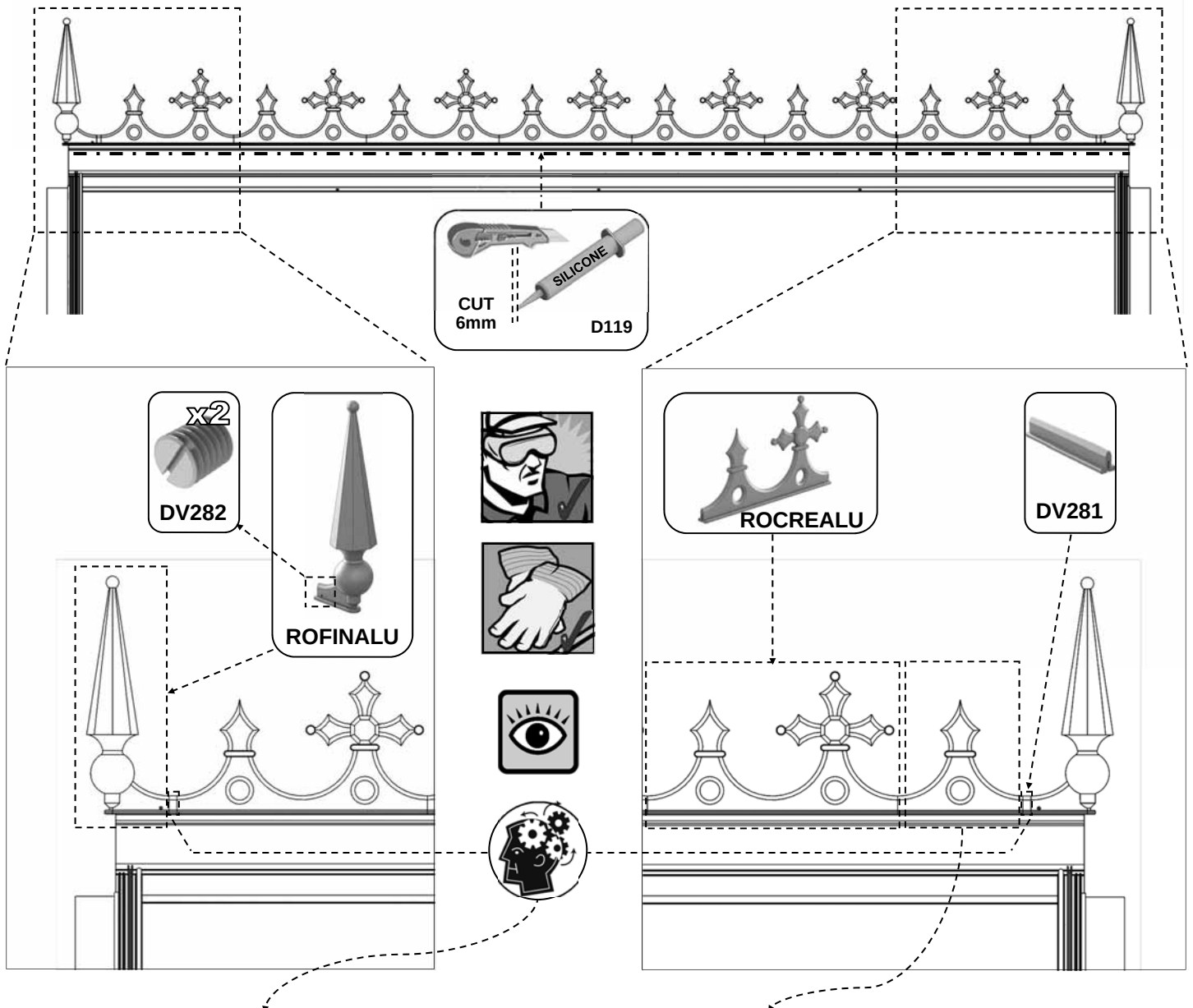
Example: 2x 4' 10 slat staging 'ST01004' = 8' run

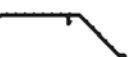


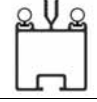


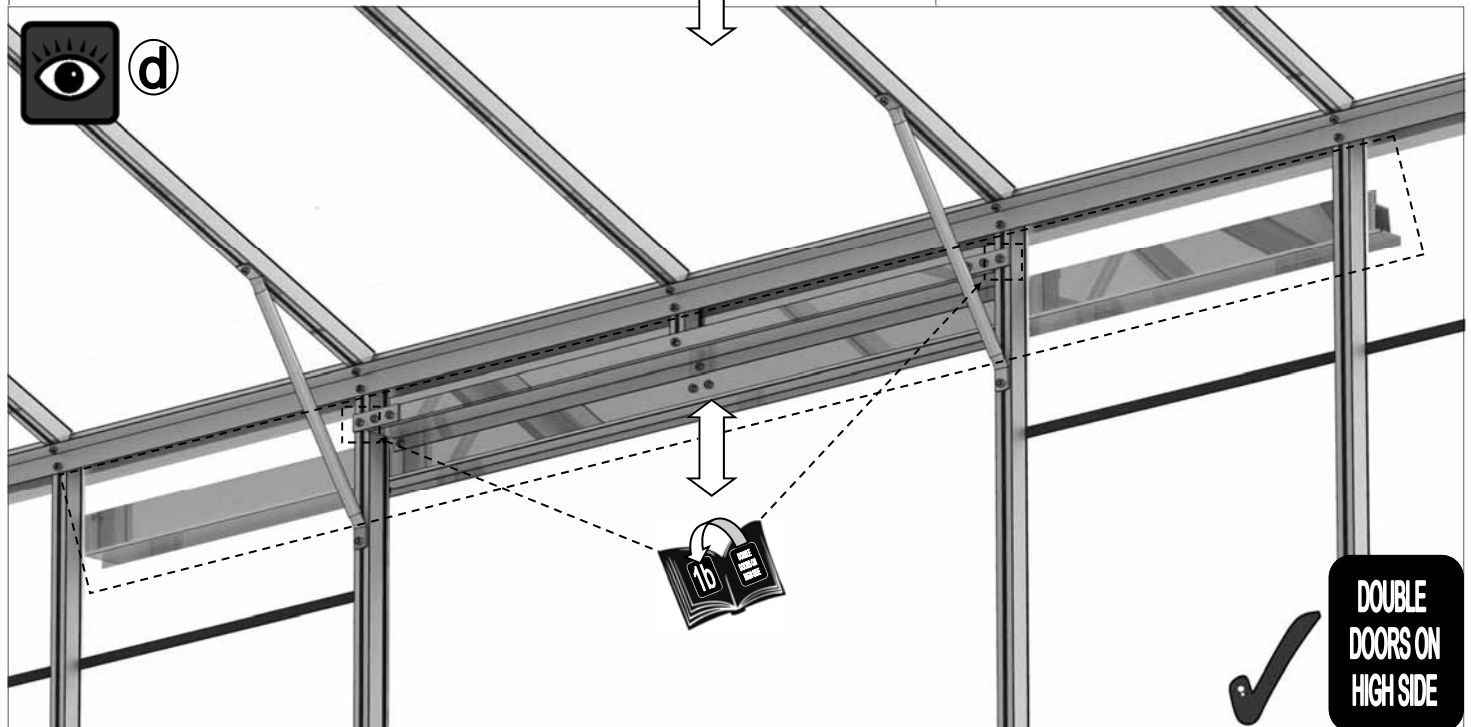
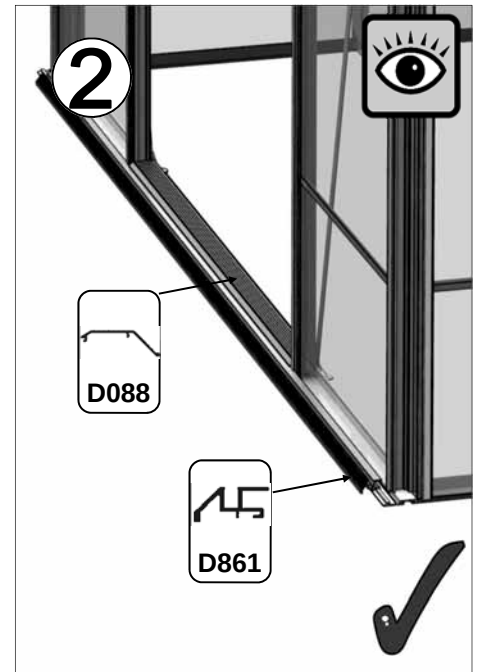
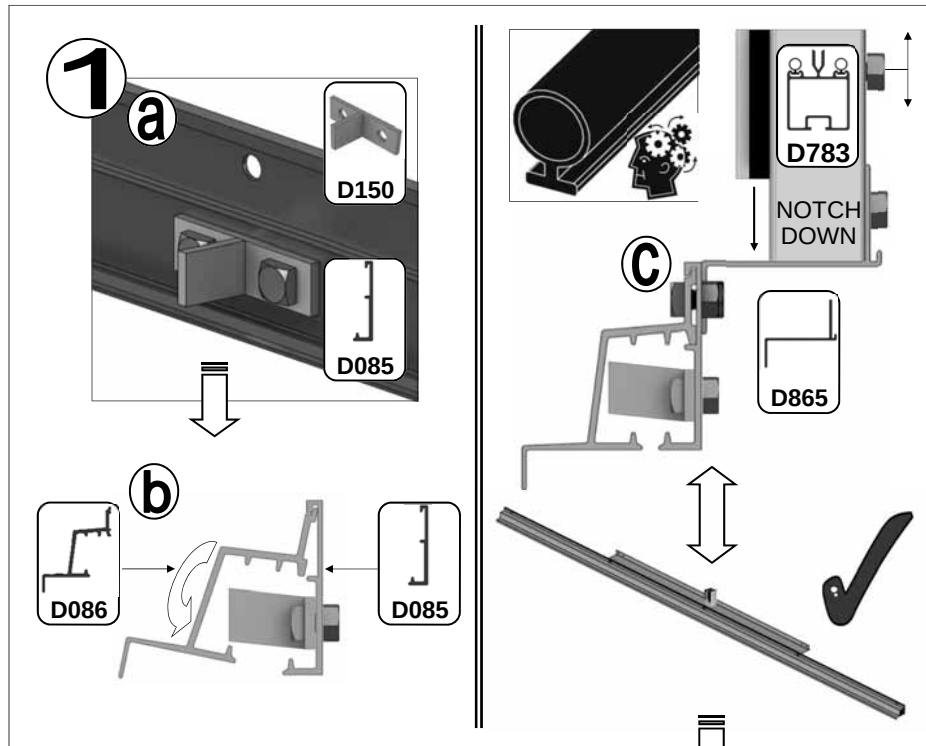
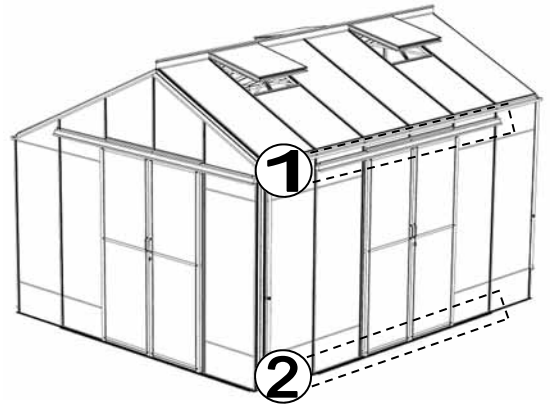
OPTIONAL crestring = {

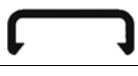
- End finials need to be pinched onto ridge using 'DV282' grub screws.
- Depending on your ridge length a half crestring may need to be cut or/ and some spacer bar 'DV281' cut into two equal sections.
- Each finial and crestring piece needs to be silenced 'D119' into place.



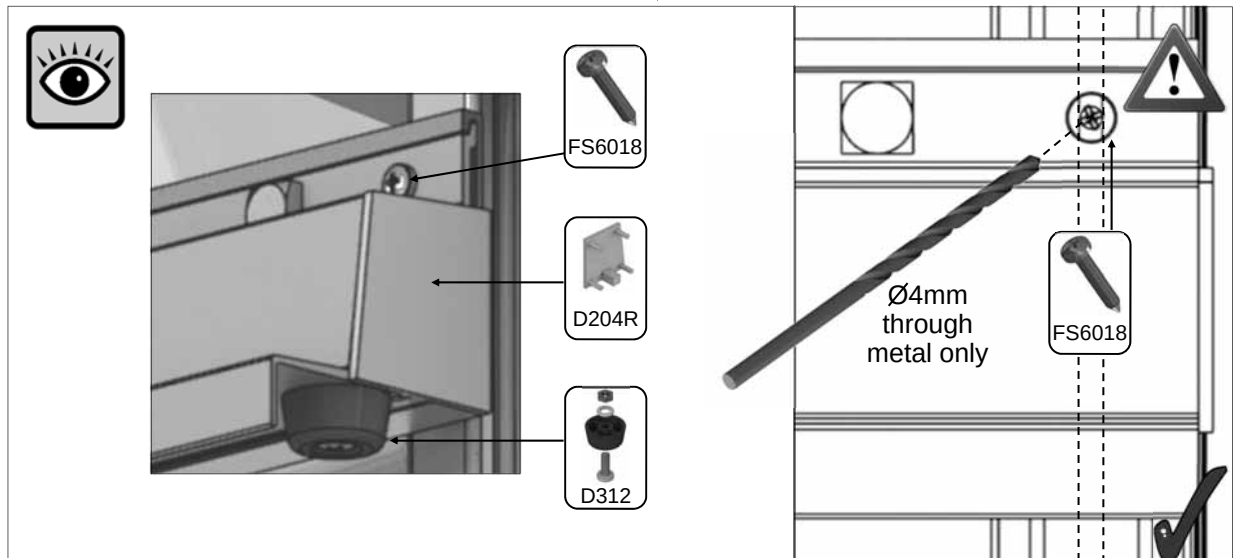
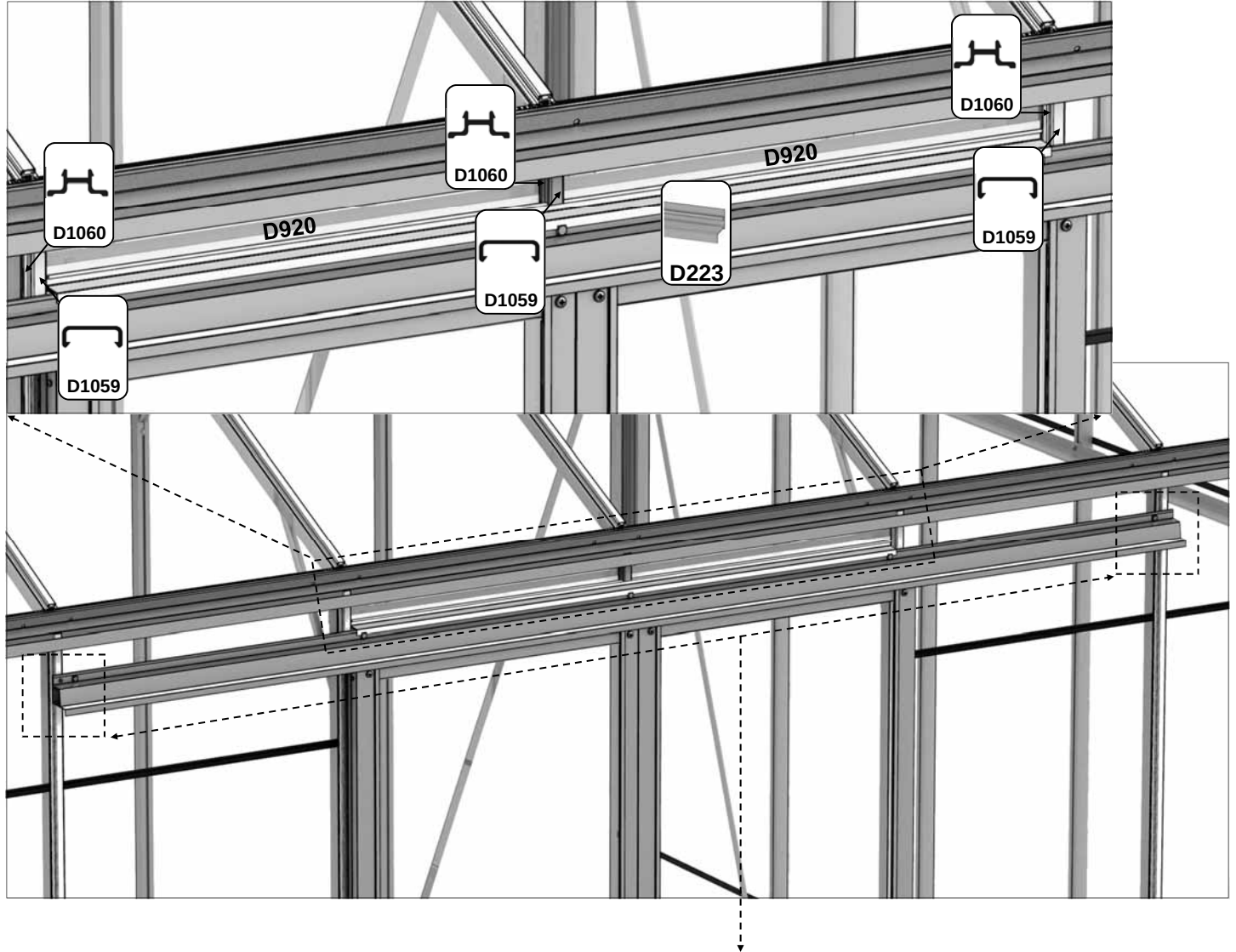
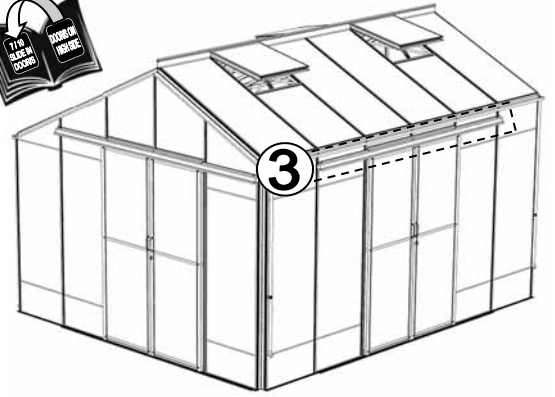
Part No		mm	Q
D865		1210	1
D086		2510	1
D085		2510	1
D861		2450	1
D088		1207	1

Part No		mm	Q
D783		70	1
D163		90	2
D150			1
D845			2
BOL M6X16			9
NUTM6			9

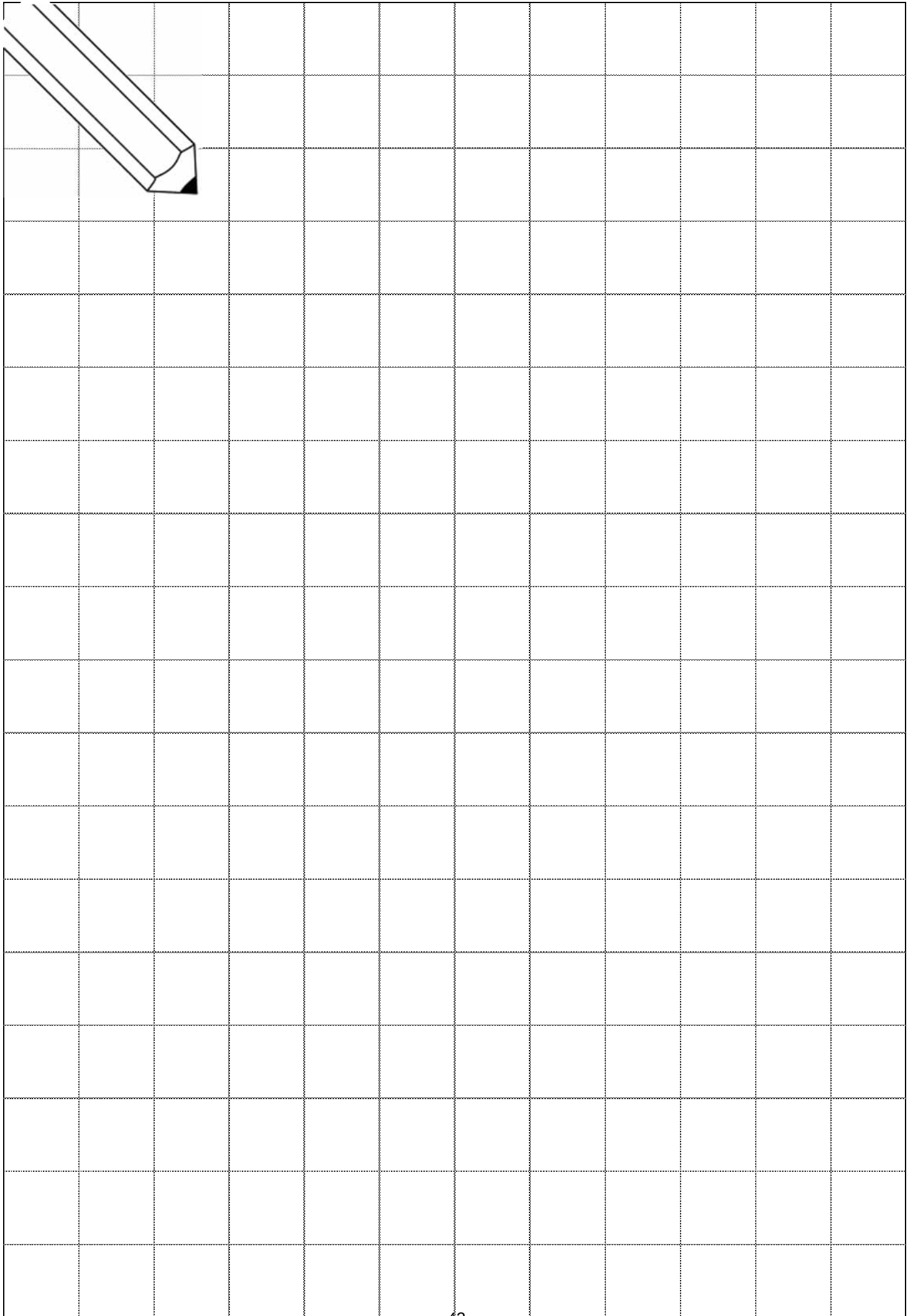


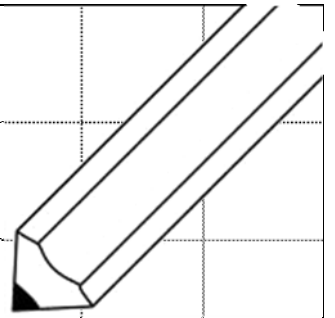
Part No		mm	Q
D223/B		1210	1
D1060		50	3
D1059		50	3
D920	610 X 58mm PANE OF GLASS		2

Part No		Quantity
FS6018		2
D312		2
D204L/B		1
D204R/B		1









Please be aware that this is a multi-national manual, if you spot any errors or have any constructive comments regarding the manual please email james.spooner@greenhousepeople.co.uk and I will make the necessary amendments. Whilst the information contained in this booklet is accurate at the time of publication, changes in the course of Robinsons policy of improvement through development and design might not be indicated. We point out this fact to avoid any infringements of the Trade Descriptions Act and also to advise that Robinsons Greenhouses reserve the right to change specifications and materials without prior notice.

In addition any photographs of completed buildings would be most appreciated to add to our portfolio.

THIS GREENHOUSE BOX WAS PACKED BY:

DATE: _____



www.robinsonsgreenhouses.co.uk

To contact Robinsons Customer Services email us at sales@robinsonsgreenhouses.co.uk or call us on 01782 385 409.

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