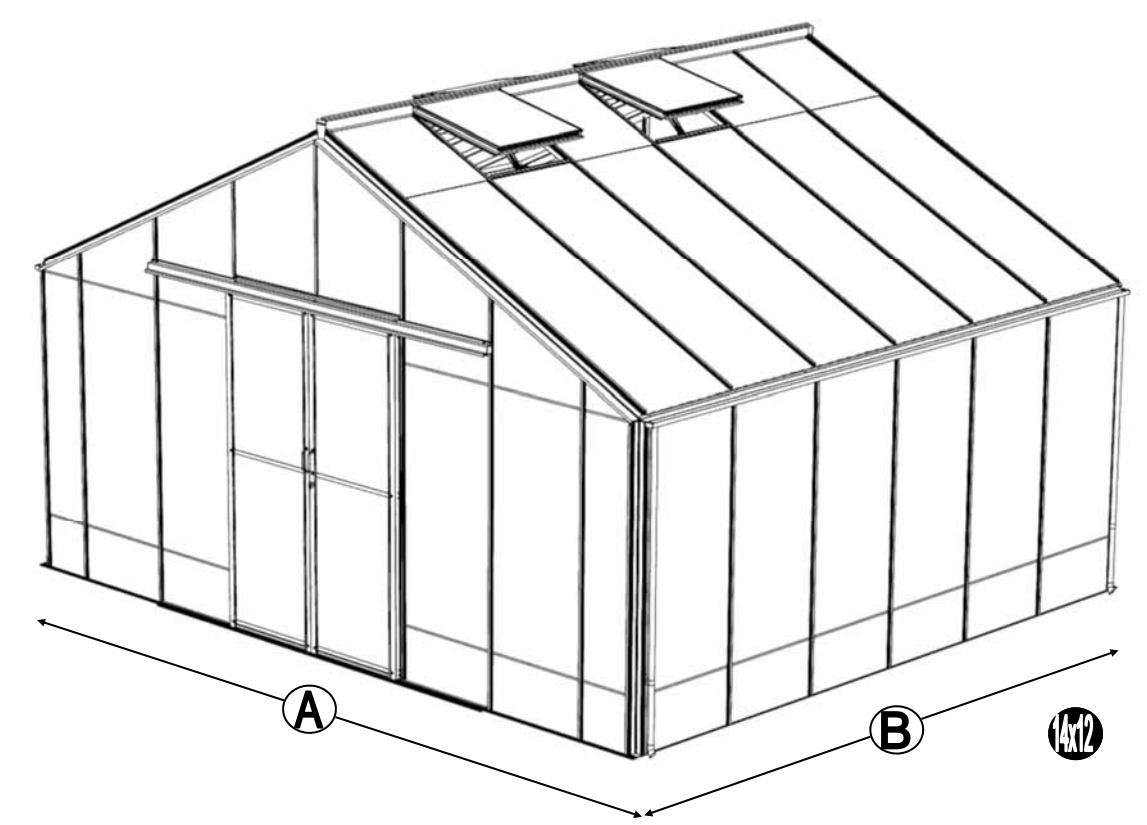
Robinsons
ALUMINIUM GREENHOUSES

Renown
Assembly Instructions



NOMINAL SIZE	A (mm)	B (mm)
14 x 8	4454	2632
14 x 10		3252
14 x 12		3872

NOMINAL SIZE	A (mm)	B (mm)
6ft extension	-	1860

Issue 04/25

GB 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, **1**-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. 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

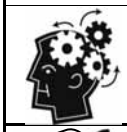
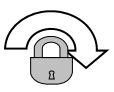
- When selecting a site for your greenhouse, it is vital that you choose as flat and level an area as possible.
- A concrete or slabbed base will provide the most solid foundation for your greenhouse.
- IMPORTANT: Do **not** fix your building down until the building is fully assembled, including glazing.
- 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 frame-work. This does not include glazing, moving parts, accidental damage or wind damage.

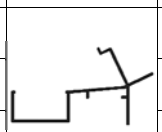
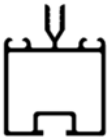
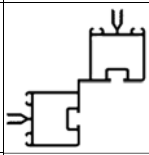
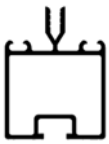
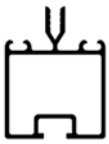
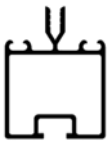
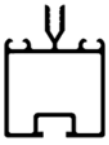
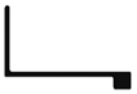
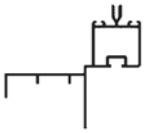
KEY SYMBOL	KEY DESCRIPTION
	**EXTERNAL VIEW**
	**INTERNAL VIEW**
	**THINK**
	**THIS SECTION RELATES TO ANOTHER** (e.g. 1 to 5)
	**CORRECT**
	**DO NOT FIX DOWN!**
	**TWIST TO LOCK**
	**TIGHTEN**
	**PUSH AND HOLD**
	**CUT TO LENGTH**

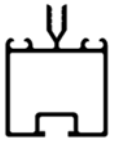
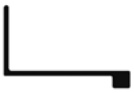
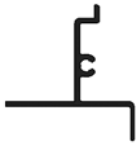
UPDATE: Robinsons plastic / aluminium cover strips -

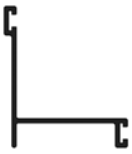
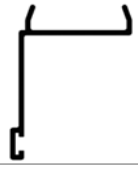
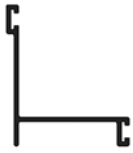
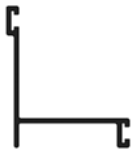
On a Robinsons building the glazing capping is in two parts. The lower plastic capping screws into the glazing bars pressing the glass down onto its rubber beading. The upper plastic / aluminium covers then need to be applied to cover the heads of the self-tapping screws. If you are struggling to press 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.

SECTION No	TITLE	ASSEMBLY SYNOPSIS: IMPORTANT INFORMATION / CONSIDERATIONS
	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..
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.
P	PREPARATION	Tools required. IMPORTANT: Use WD40 or similar in the glazing bar channels and insert the black glazing rubber prior to frame assembly.
1	SIDES	Take the side glazing bars 'D066' with the rubber inserted and the diagonal braces 'D103', 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).
2	FRONT	Again ensuring that the gable framework is rubbered-up follow the diagrams to assemble each end of the building. 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).
3	REAR	
4	JOINING THE FOUR SIDES	Take the two sides (1) 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 for you.
5	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 cresting then it is a good idea to fit it before glazing, see section (15). Some tubular braces are supplied to add extra strength, they should be fwith crop head bolts. Purlings should also be attached using crop headed bolts along the mid-line of each roof side to add extra strength 'e.g.D113' (please note that a 30mm segment will need to be notched out of the protruding angle where a purling meets an A-frame so that the purling can tuck in-between the roof bar and the A-frame).
6a	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.
6b	VENT SLAM	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).
7	DOOR/S	Construct the door using the diagrams and then leave to one side ready for attachment in section (10).
8	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. 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,
9	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 autovents.
10	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.
11	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.
12	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.
13	OPTIONAL SHELVING	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 'D066' during construction of the sides (1)) 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...
14	OPTIONAL STAGING	
15	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).

RENOWN 14

Section Ref	Part No.	Section	Size (mm)	14 8	14 10	14 12
1	D021		2514	2		
	D022		3134		2	
	D023		3754			2
	D014		2517	2		
	D015		3137		2	
	D016		3757			2
	D103		1787	4		
	D066		1676	6	8	10
	RUBBER		1000 (1m)	21	27	34
	D174		N/A	4	8	8
2 + 3	D740		4466	2		
	D048		1676	4		
	D055		2422	4		
	D056		2126	4		
	D057		1830	4		
	D744		2718	1		
	D110		1585	1		
	D110R		1585	1		
	D743		4380	1		
	D105		1918	4		
	D741L		2431	2		
	D742R		2431	2		

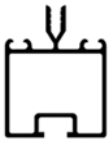
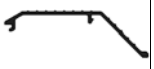
Section Ref	Part No.	Section	Size (mm)	14 8	14 10	14 12
2 + 3	D111		N/A	2		
	RUBBER		1000 (1m)	81		
	D174		N/A	13		
5	D001		2517	1		
	D002		3137		1	
	D003		3757			1
	D737		2427	6	8	10
	D113		2510	2		
	D918		3130		2	
	D034		3750			2
	RUBBER		1000 (1m)	30	39	49
6	D866		639	2	3	4
	D863L		613	2	3	4
	D863R		613	2	3	4
	D862		593	2	3	4
	D079 PLUS FLUFF		590	2	3	4
	D114		N/A	4	6	8
	D220 PLUS FS6060 SCREW		N/A	4	6	8
	D205		N/A	4	6	8

Section Ref	Part No.	Section	Size (mm)	14 8	14 10	14 12
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	44	50	56
	FS6506 HEX 16mm	69	71	73
	FS6504 M6 NUT	145	161	177
	CROP HE569	32	40	48

RENOWN 14

Section Ref	Part No.	Section	Size (mm)	14 8	14 10	14 12
8	3 D746		2718	1		
	2 D748		787	1		
	1 D812		1660	6	8	10
	2/3/5 D815		1830	10	12	14
	2/3 D818		2126	4		
	3 D822		2422	2		
	2 D823		516	2		
	5 D870		601	6	8	10
	5 D739		1830	4		
	2/3 D813		1675	4		
	2 D814		1883	2		
	1 D834		1660	4		
	5 D871		601	4		
	5 D738		2435	10	12	14
	3 D747		2718	1		
	2 D749		787	1		
	1 D825		1660	10	12	14
	2/3 D826		1677	4		
	2/3 D827		1832	4		
	2/3 D829		2128	4		
	3 D832		2424	2		
	2 D833		518	2		
	2 D836		1883	2		

10	D745		812	1
	D865		1210	1
	D861		2450	1
	D088		1207	1
	D086		2510	1
	D085		2510	1
	D153		198	2
	D163		90	2
	D150		N/A	1
	D154		N/A	2

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

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

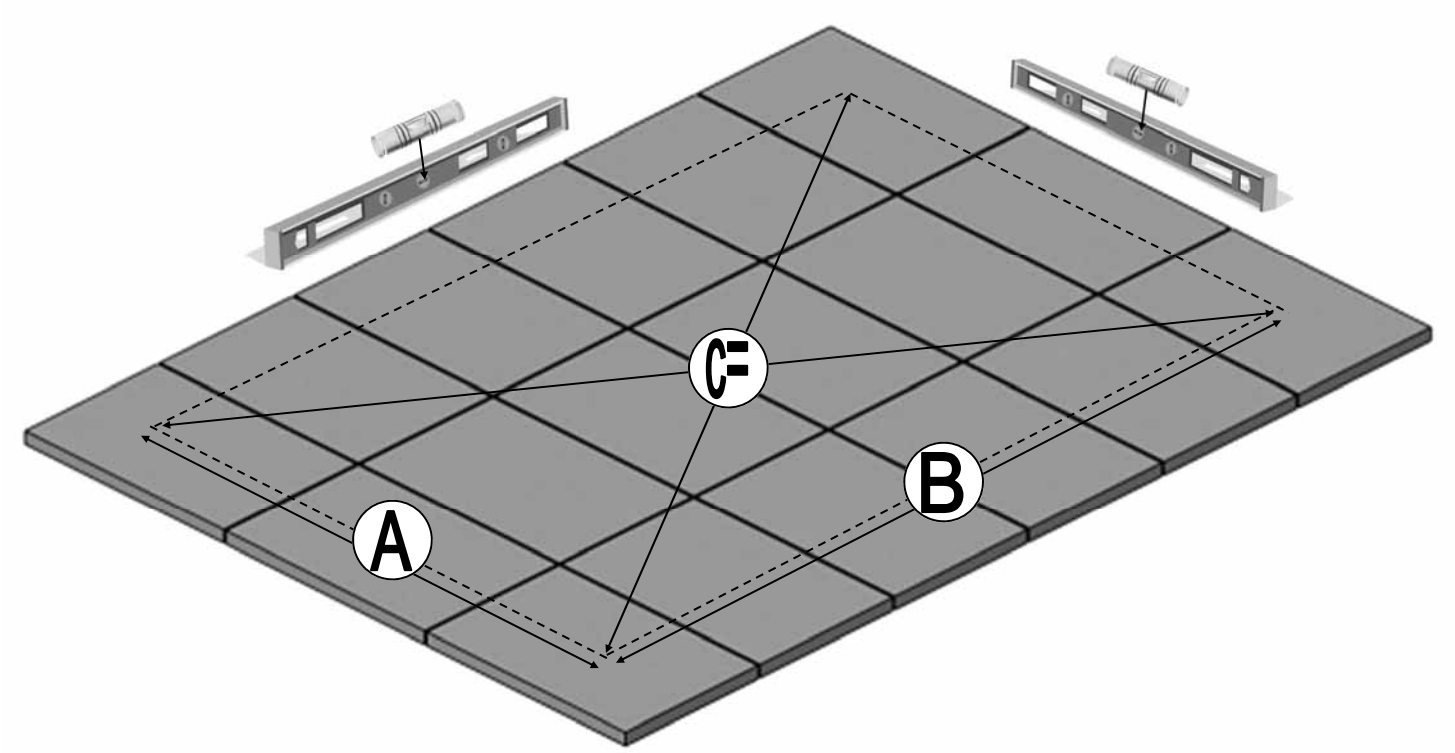
It is essential that the **BASE IS FLAT, LEVEL AND SQUARE AS WELL AS BEING SUBSTANTIAL** enough to take the weight of the greenhouse including its 4mm glass.

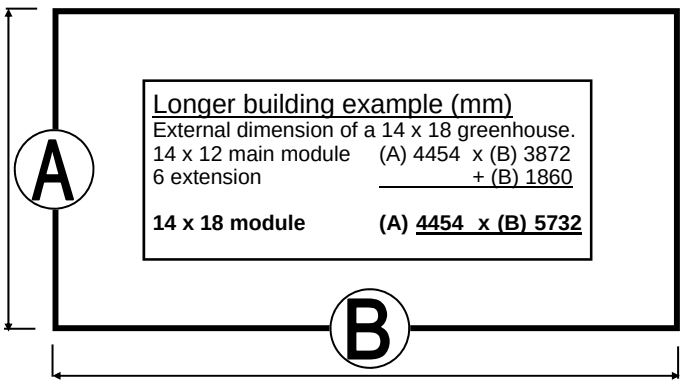
Give yourself enough room around your base to allow for fitting the glass and any on-going maintenance / cleaning. A slab base which is larger than the greenhouse is the ideal solution and is our preferred foundation.

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.





Longer building example (mm)
External dimension of a 14 x 18 greenhouse.
14 x 12 main module (A) 4454 x (B) 3872
6 extension + (B) 1860

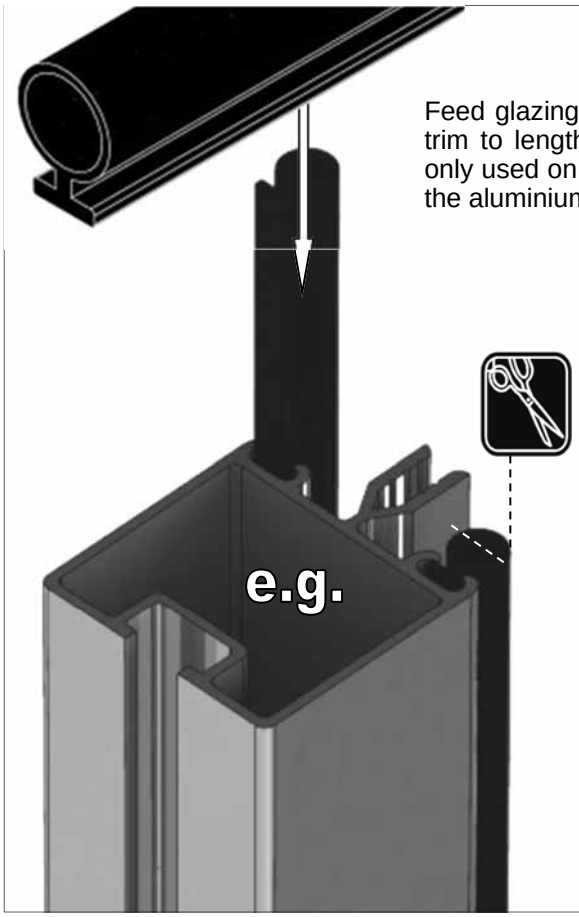
14 x 18 module **(A) 4454 x (B) 5732**

EXTERNAL DIMENSIONS (mm)

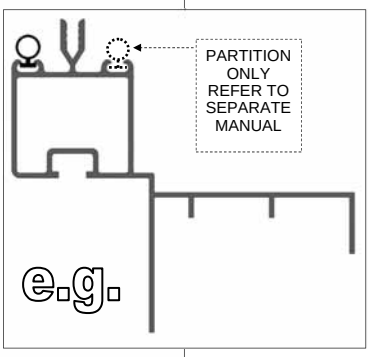
Model sizes listed are **nominal**,
use 'mm' measurements.
i.e.: an 8 x 10 is the model 8'6" x 10' 8"

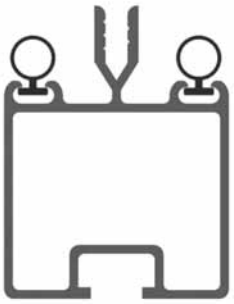
MODEL		A (mm) WIDTH	B (mm) LENGTH	C (mm) DIAGONAL
14 RENOWN	14 x 8	4454	2632	4642
	14 x 10		3252	5020
	14 x 12		3872	5442
EXTENSIONS	6ft ext.	-	1860	-

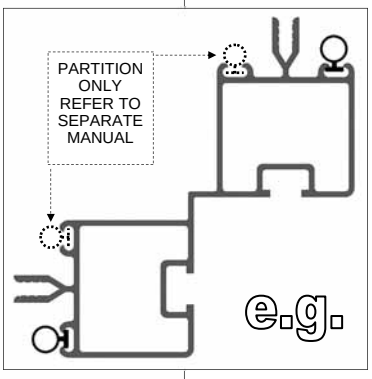
B

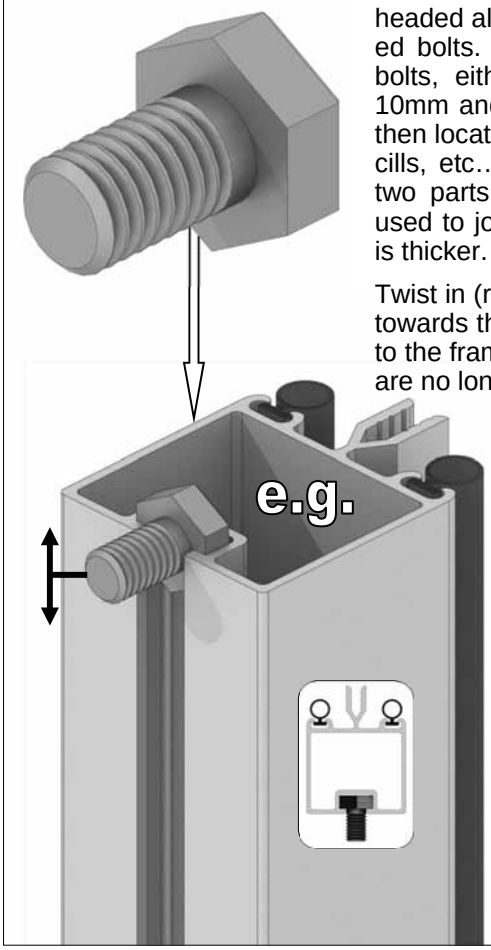


Feed glazing rubber into each glazing bar and trim to length. Notice that some channels are only used on a partition. Applying a lubricant to the aluminium channels will speed up insertion.





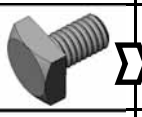
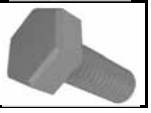


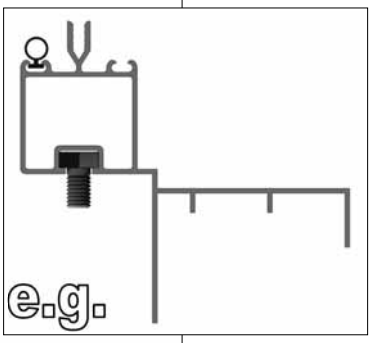


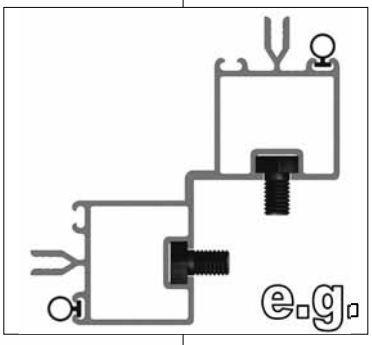
Robinsons have now upgraded the original square headed alloy bolts to <u>stainless steel</u> **Hexagonal** headed bolts. The frame is assembled by feeding these bolts, either 12mm or 16mm in length (previously 10mm and 15mm) into the slots on glazing bars and then locating those bolts through holes in 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.

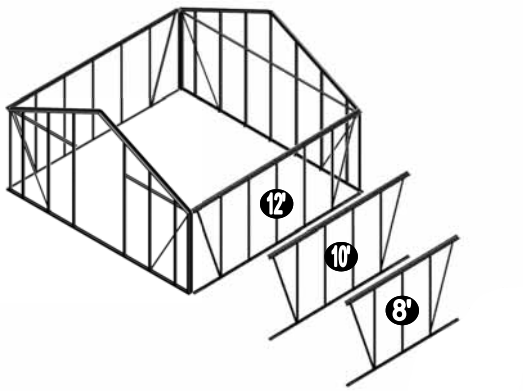
Twist in (rectangular) crop headed bolts are also used towards the end of construction to attach components to the frame retrospectively when the glazing bar slots are no longer exposed at the ends.

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

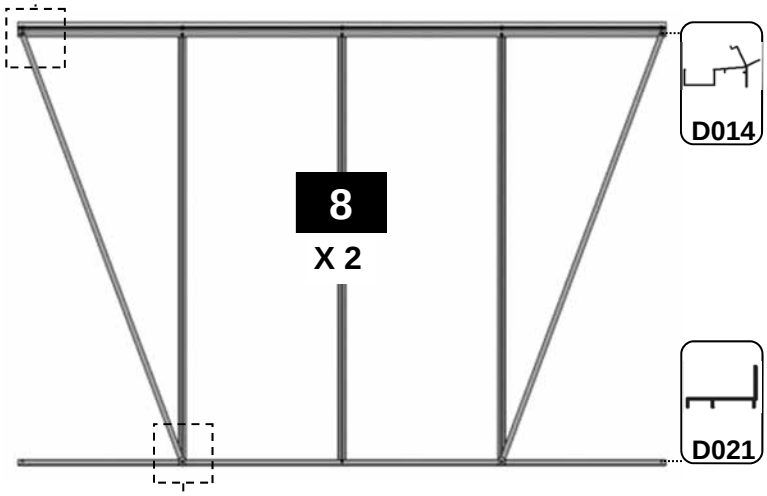
	ORIGINAL SQUARE HEAD		NEW HEX HEAD
10mm		12mm	
15mm		16mm	





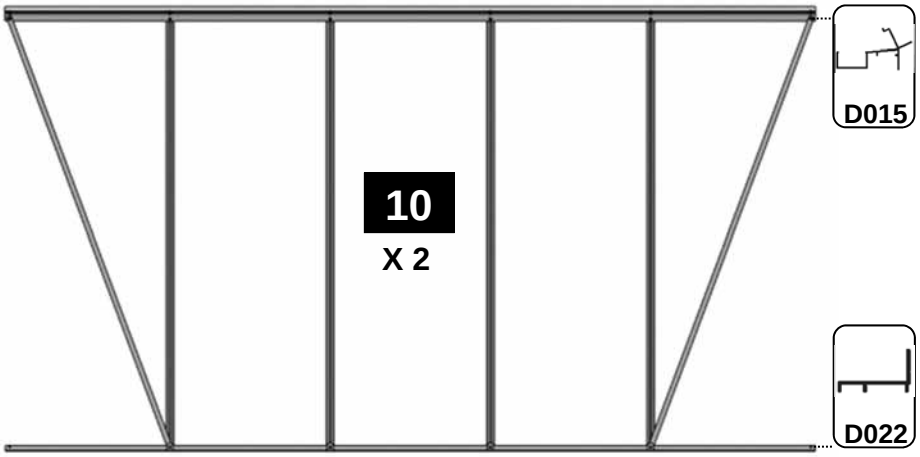


e.g.1

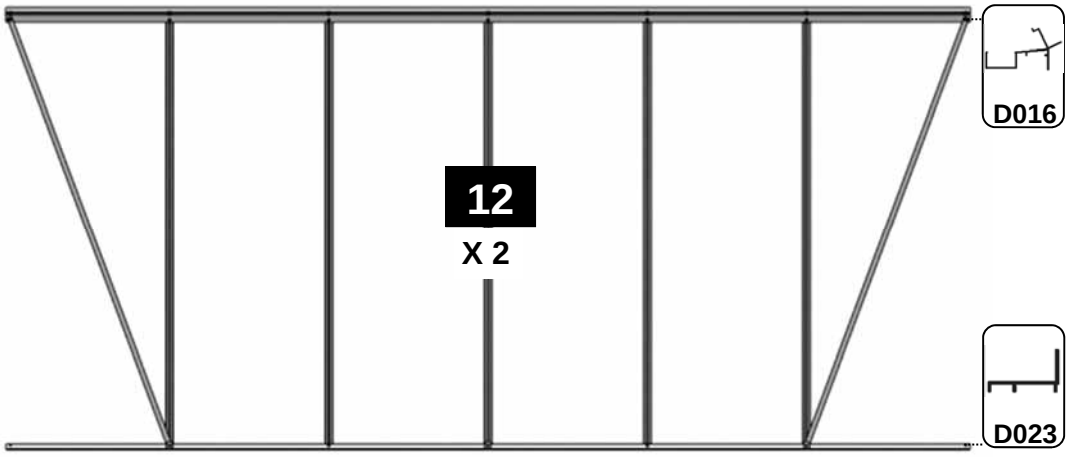


8 X 2		
Part No	mm	Quantity
D014	2517	2
D021	2514	2
D066	1676	6
D103	1787	4
D174		4
M6-12mm		6
M6-16mm		10
M6-NUT		16
Rubber	1000	21

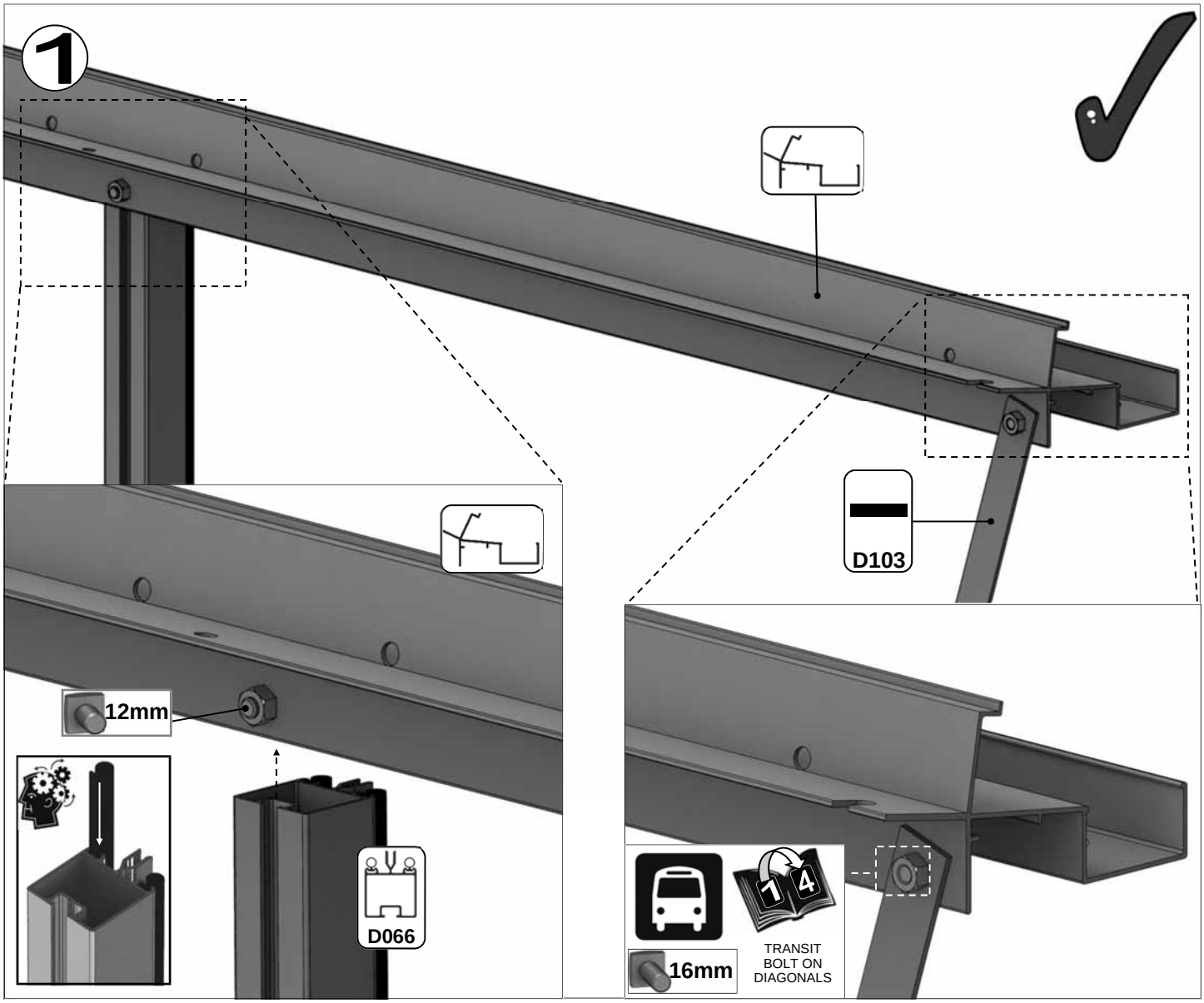
e.g.2

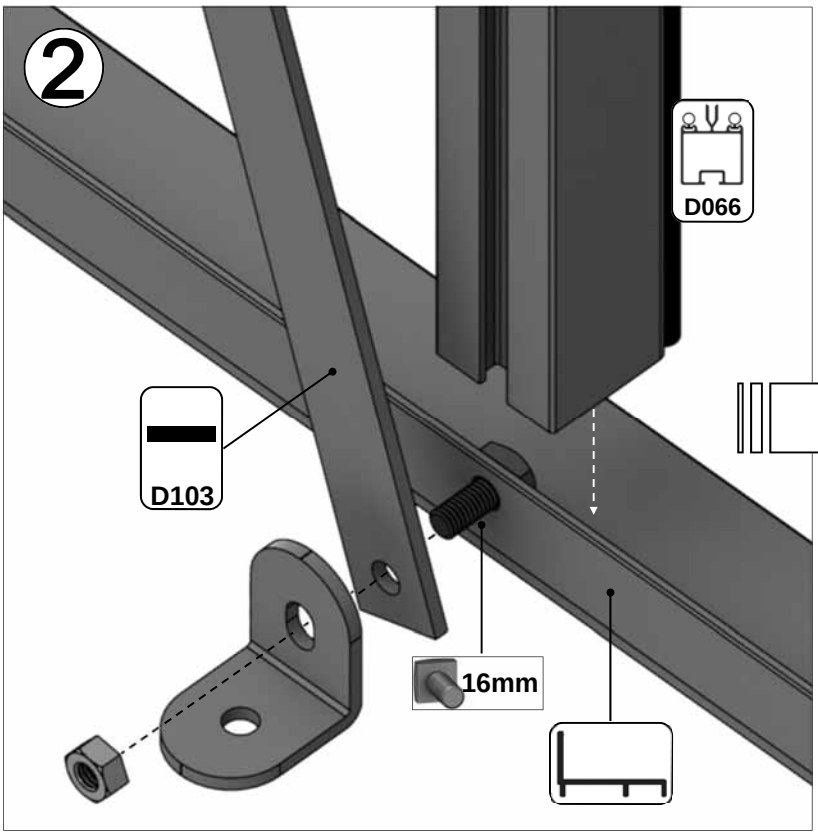


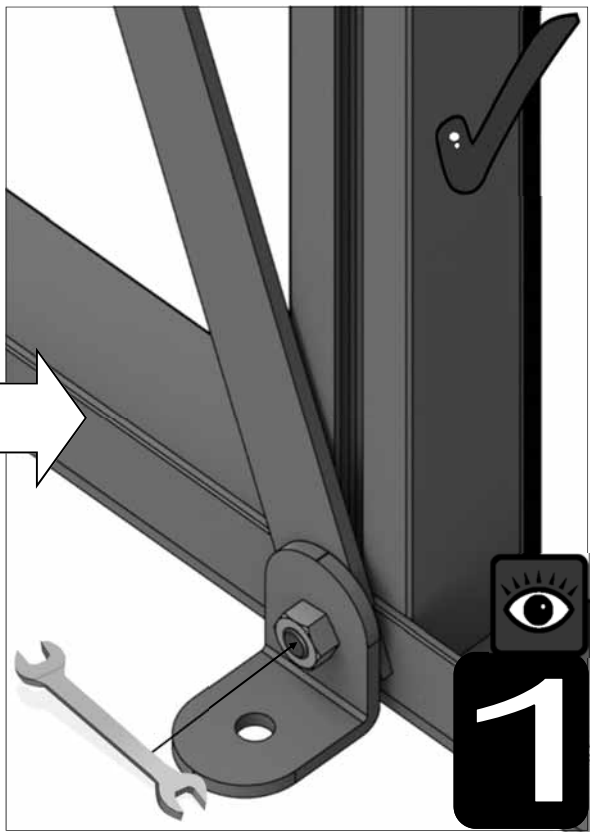
10 X 2		
Part No	mm	Quantity
D015	3137	2
D022	3134	2
D066	1676	8
D103	1787	4
D174		8
M6-12mm		8
M6-16mm		12
M6-NUT		20
Rubber	1000	27

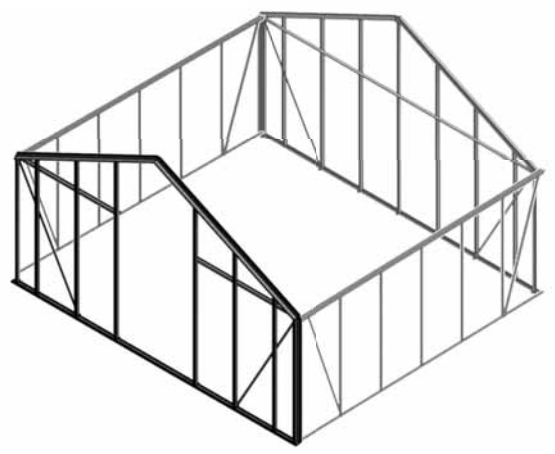


12 X 2		
Part No	mm	Quantity
D016	3757	2
D023	3754	2
D066	1676	10
D103	1787	4
D174		8
M6-12mm		10
M6-16mm		14
M6-NUT		24
Rubber	1000	34


1
D103
12mm
D066
16mm
TRANSIT
BOLT ON
DIAGONALS

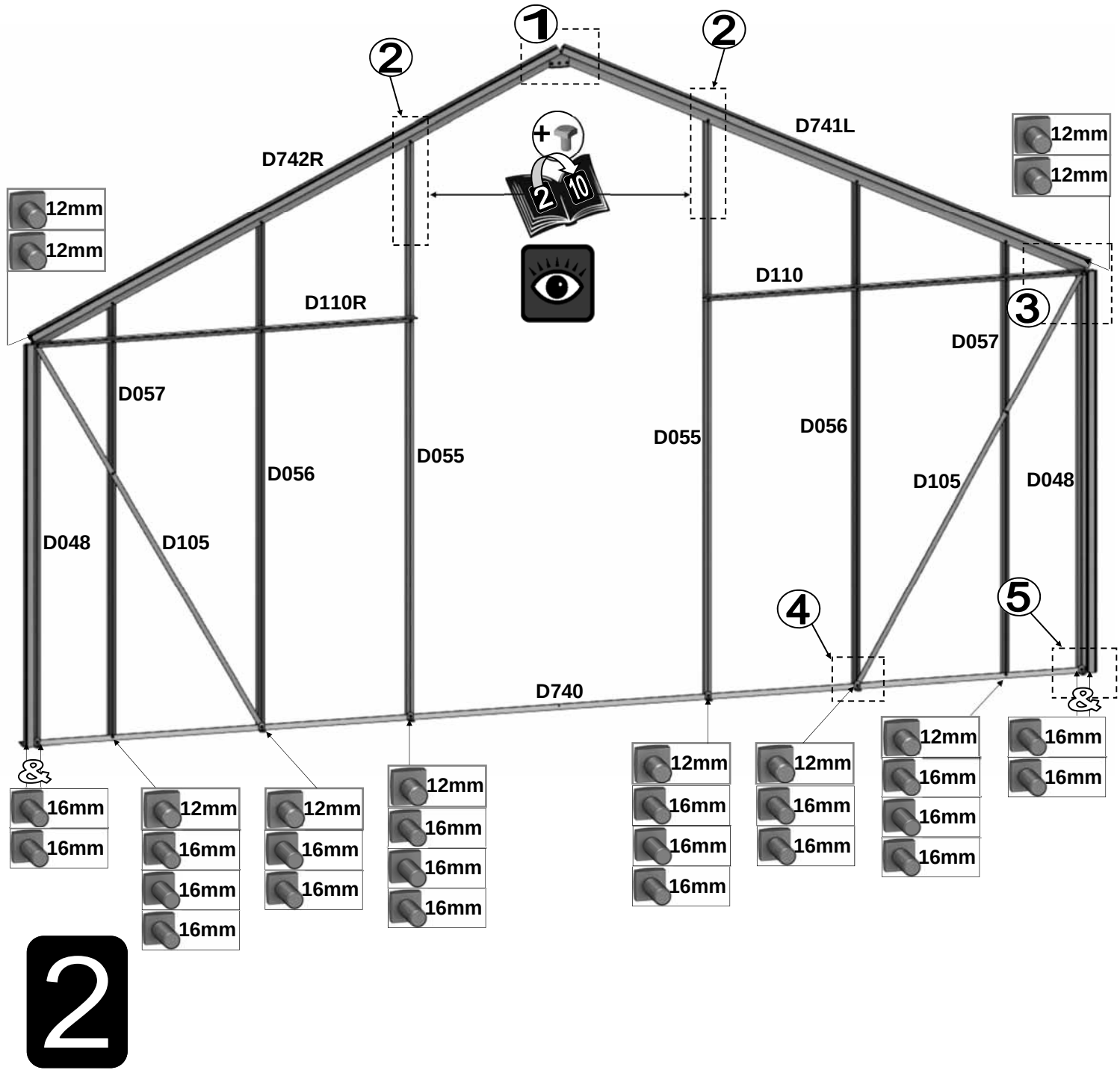

2
D066
D103
16mm


1

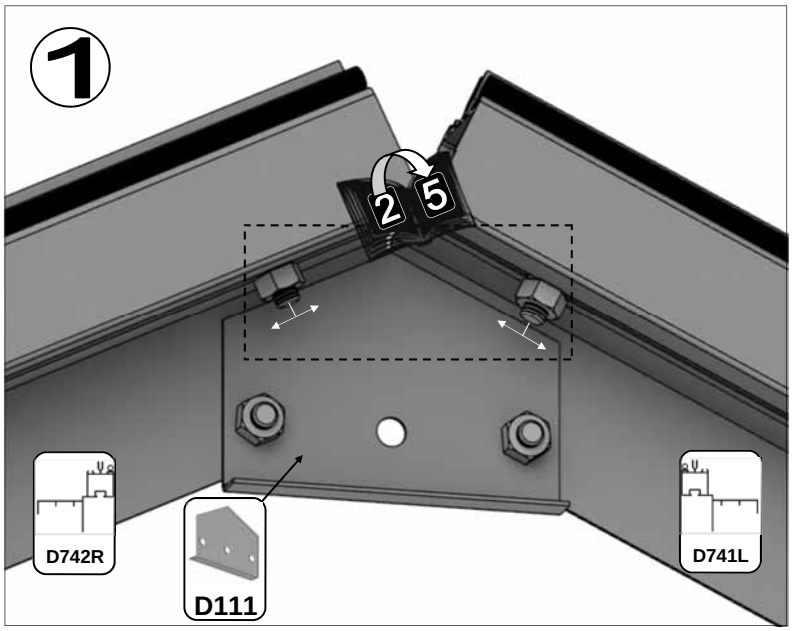


Part No	mm	Quantity
D048	1676	2
D055	2422	2
D056	2126	2
D057	1830	2
D105	1918	2
D110?	1585	1
D110R	1585	1
D740	4466	1
D741L	2431	1
D742R	2431	1

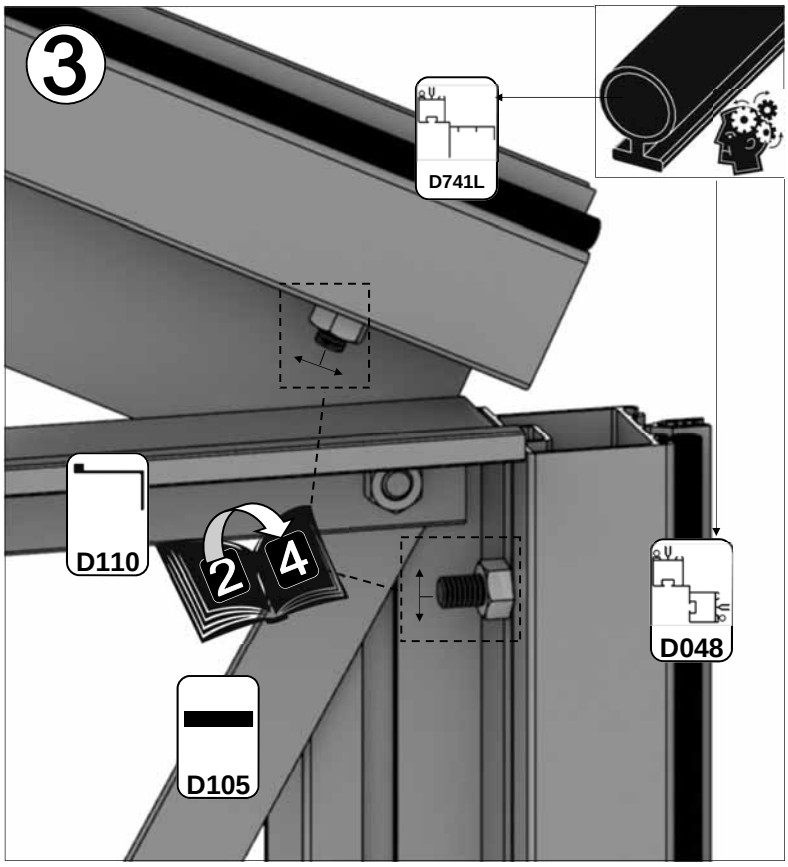
Part No	mm	Quantity
D111		1
D174		6
D227		38m
M6X12		12
M6X16		24
M6NUT		36

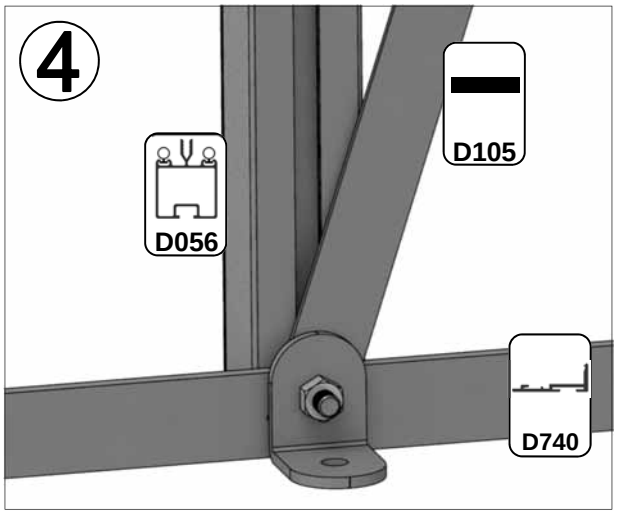


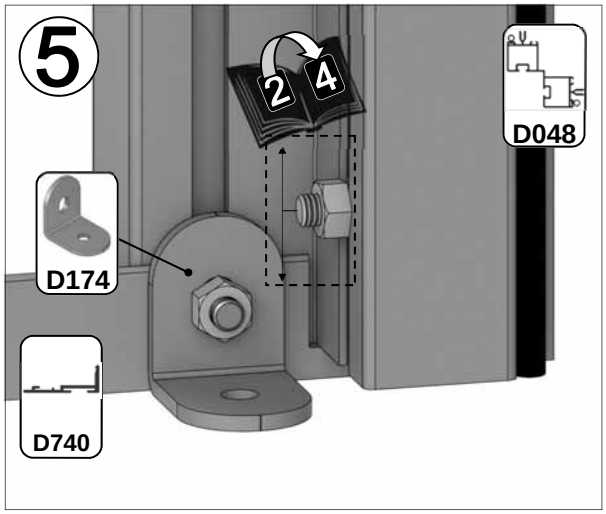
2


1
2 5
D742R
D111
D741L

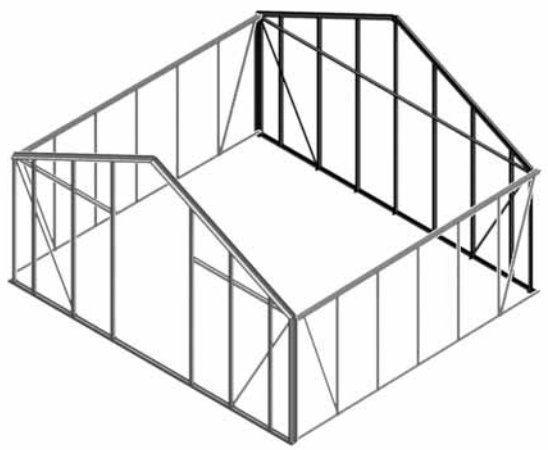

2
D741L
2 10
D055


3
D741L
D110
2 4
D048
D105


4
D105
D056
D740

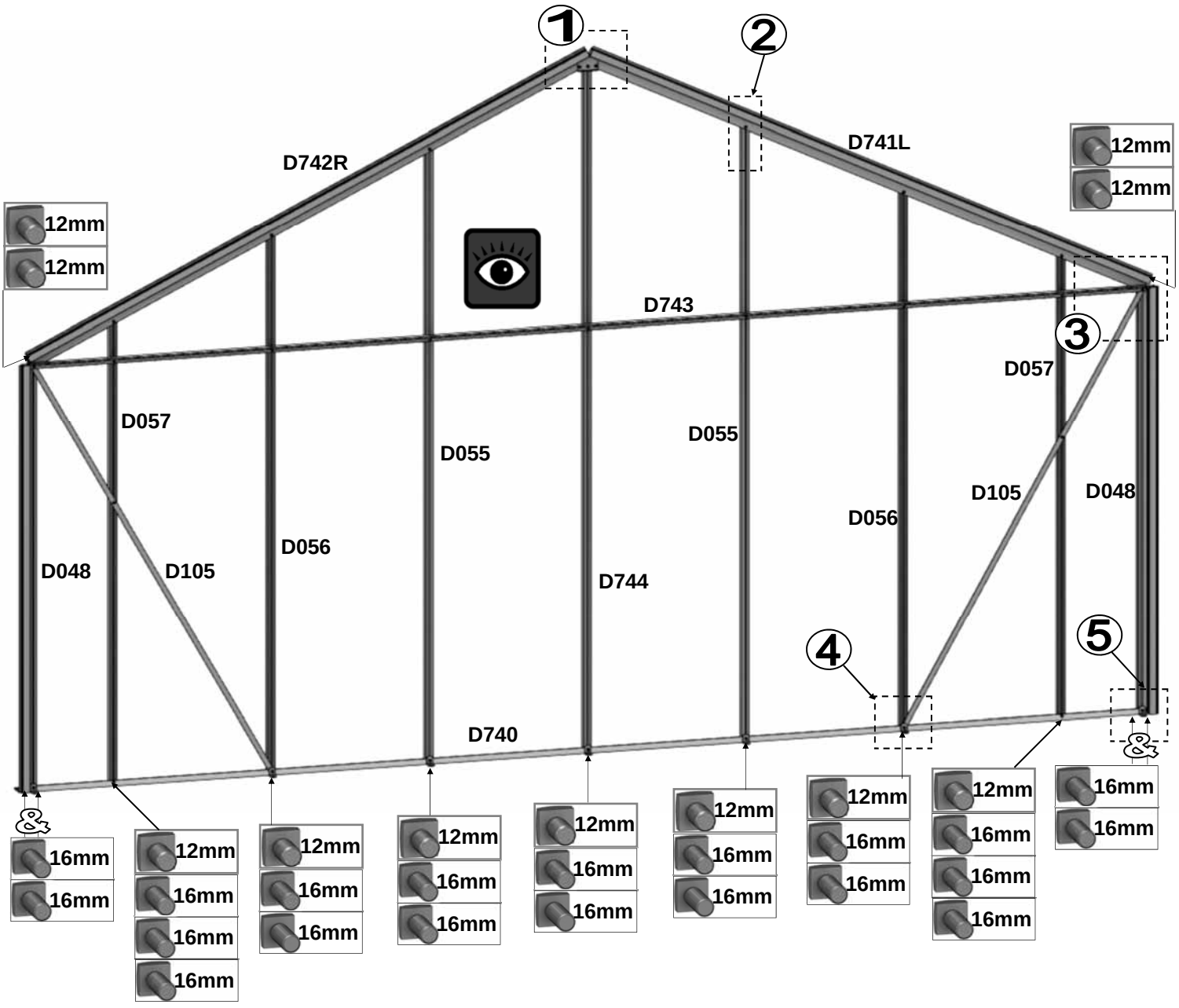

5
2 4
D048
D174
D740

2

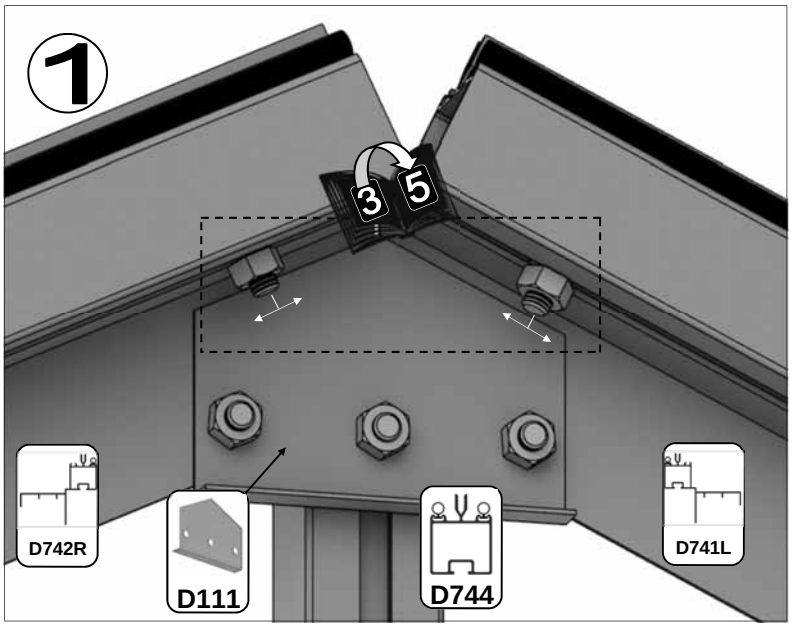


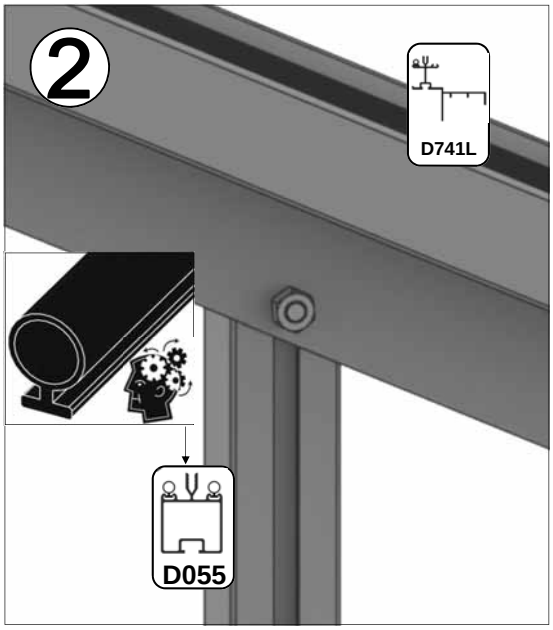
Part No	mm	Quantity
D048	1676	2
D055	2422	2
D056	2126	2
D057	1830	2
D105	1918	2
D740	4466	1
D741L	2431	1
D742R	2431	1
D743	4380	1
D744	2718	1

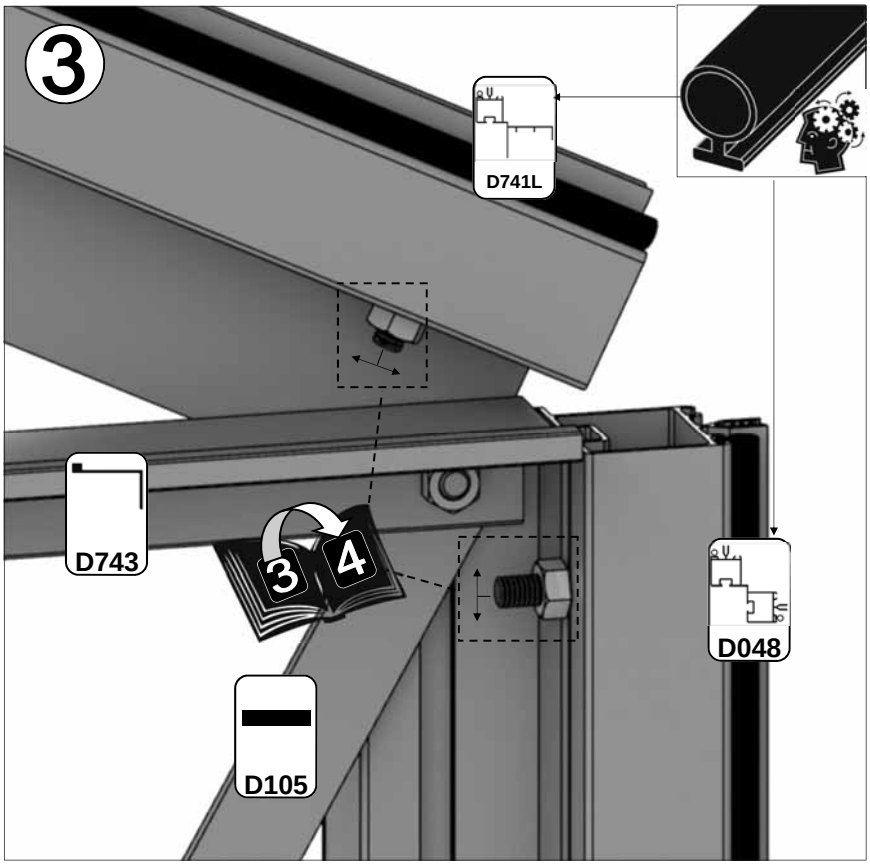
Part No	mm	Quantity
D111		1
D174		7
D227		43
M6X12		14
M6X16		24
M6NUT		38

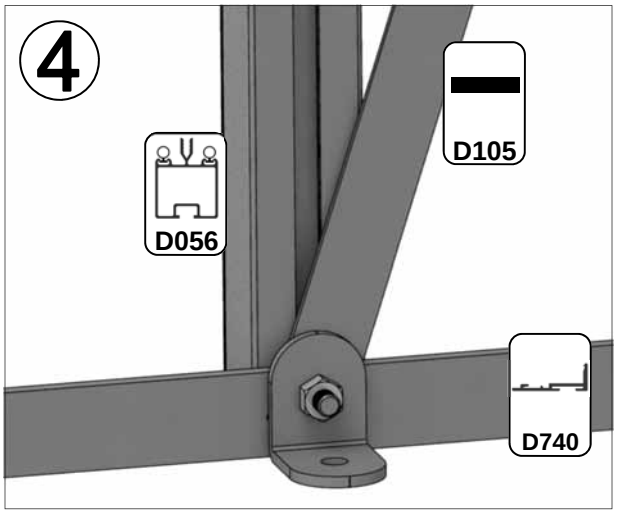


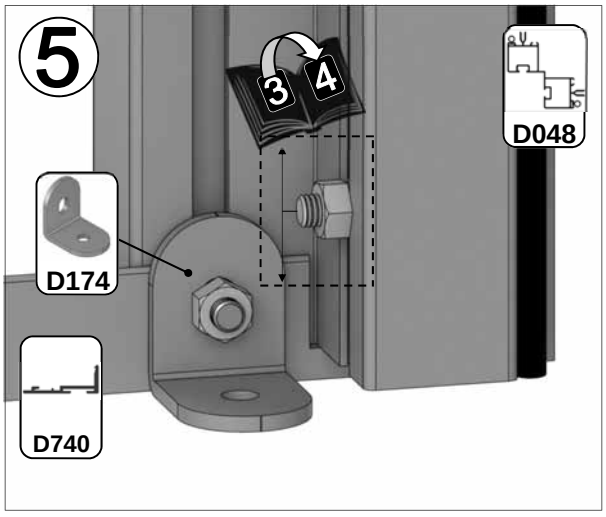
3


1
3
5
D742R
D111
D744
D741L

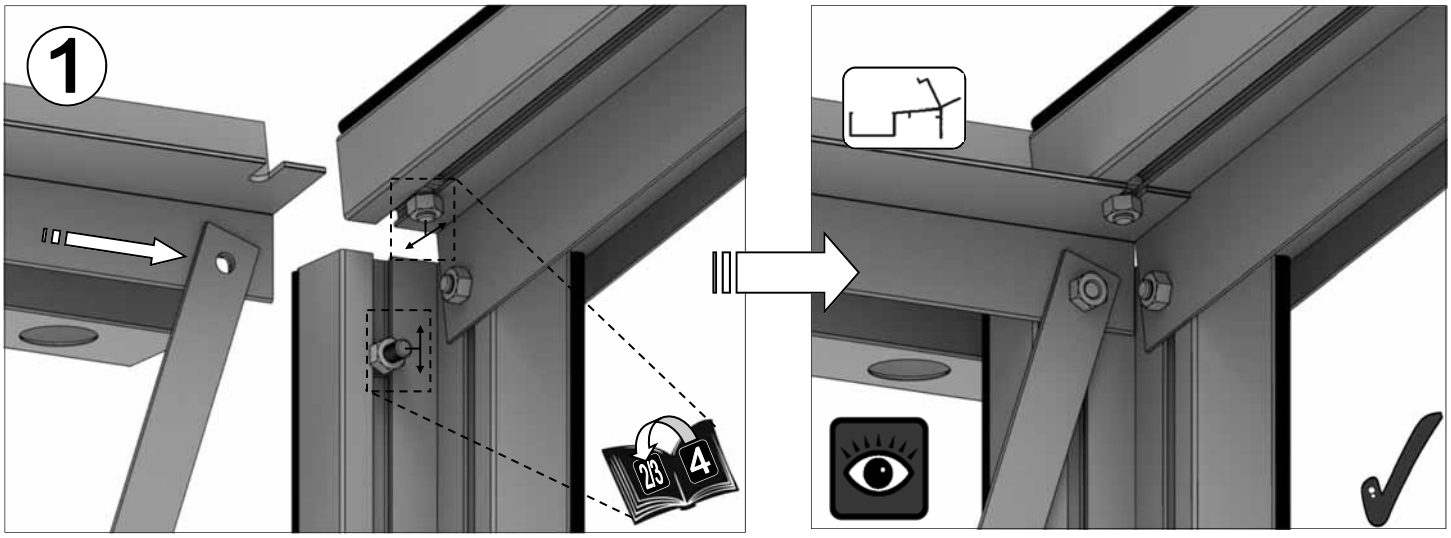

2
D741L
D055

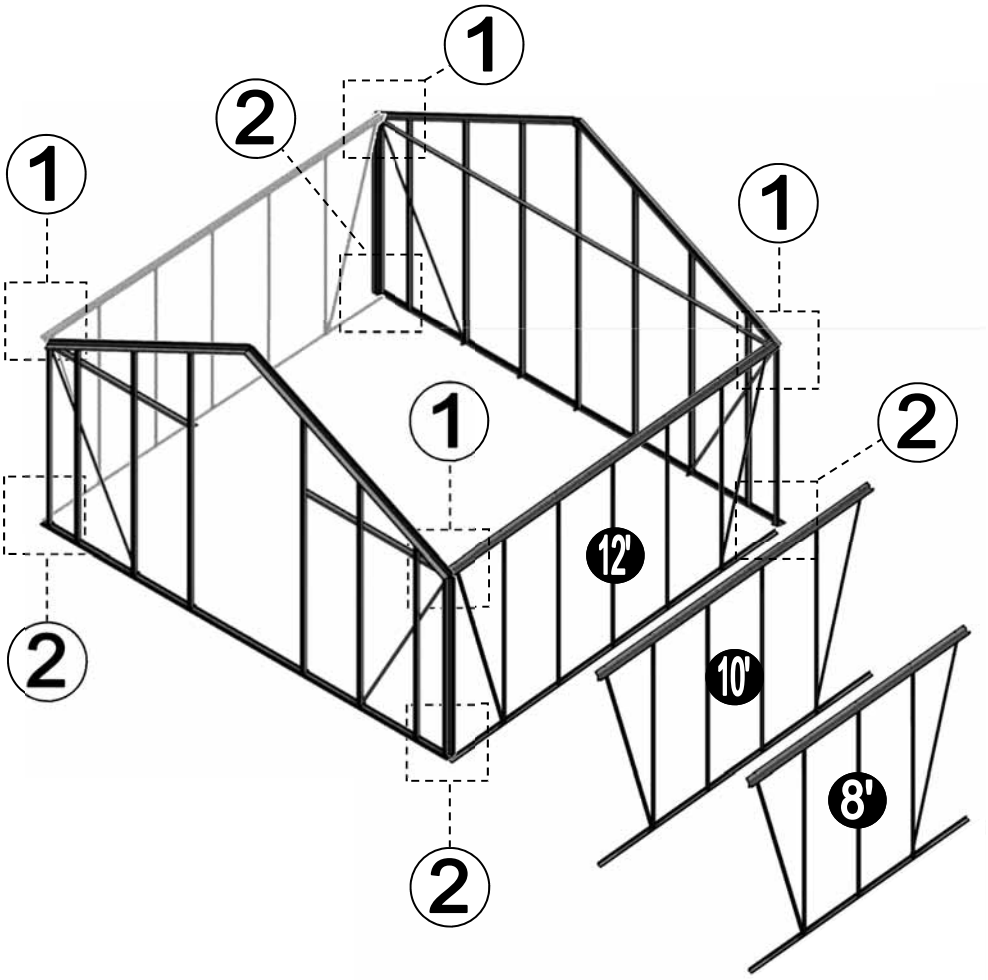

3
D741L
D743
3
4
D048
D105

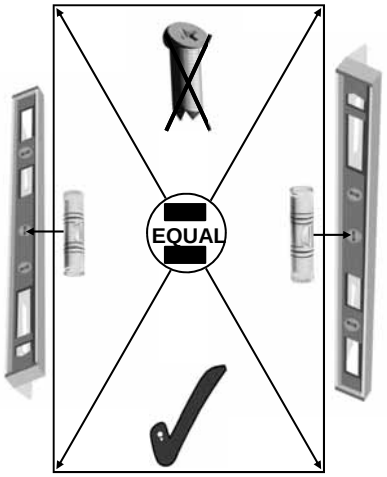

4
D056
D105
D740

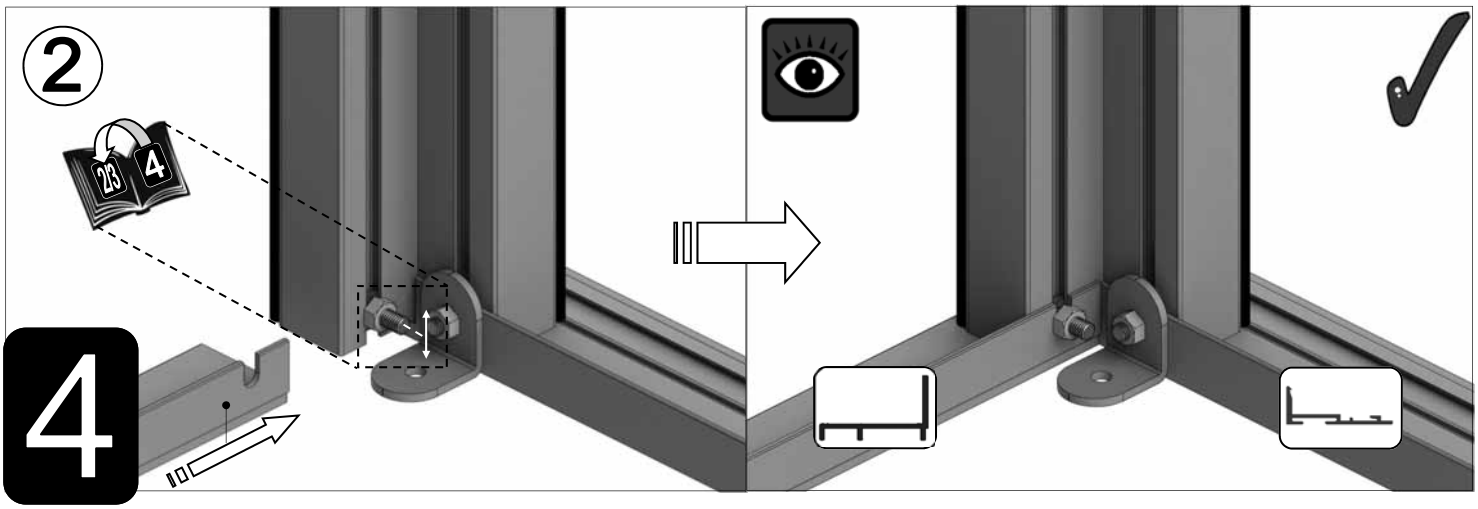

5
3
4
D048
D174
D740

3


1
2&3
4


1
2
1
1
1
2
12'
10'
8'
2

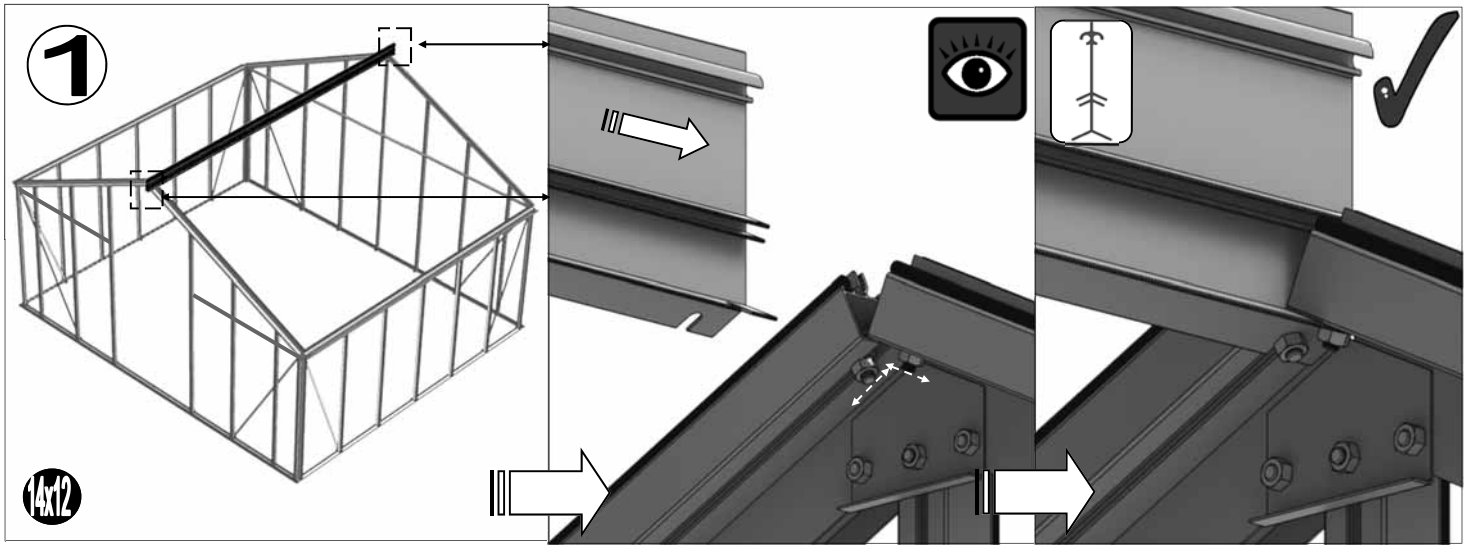

EQUAL

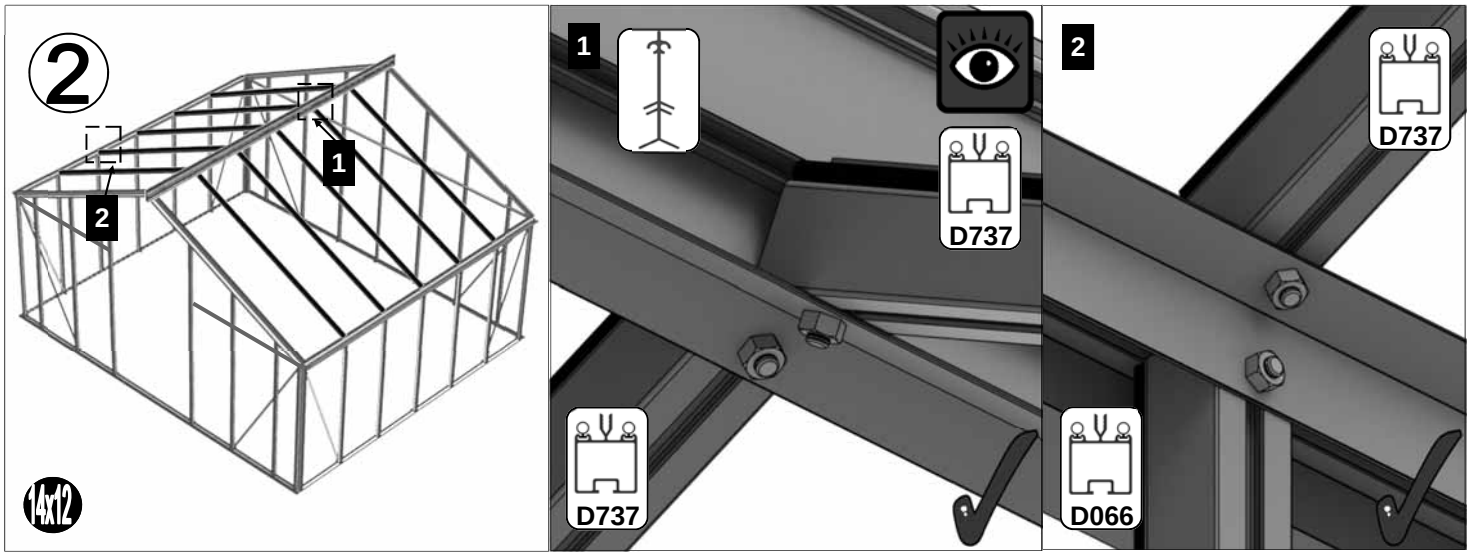

2
2&3
4

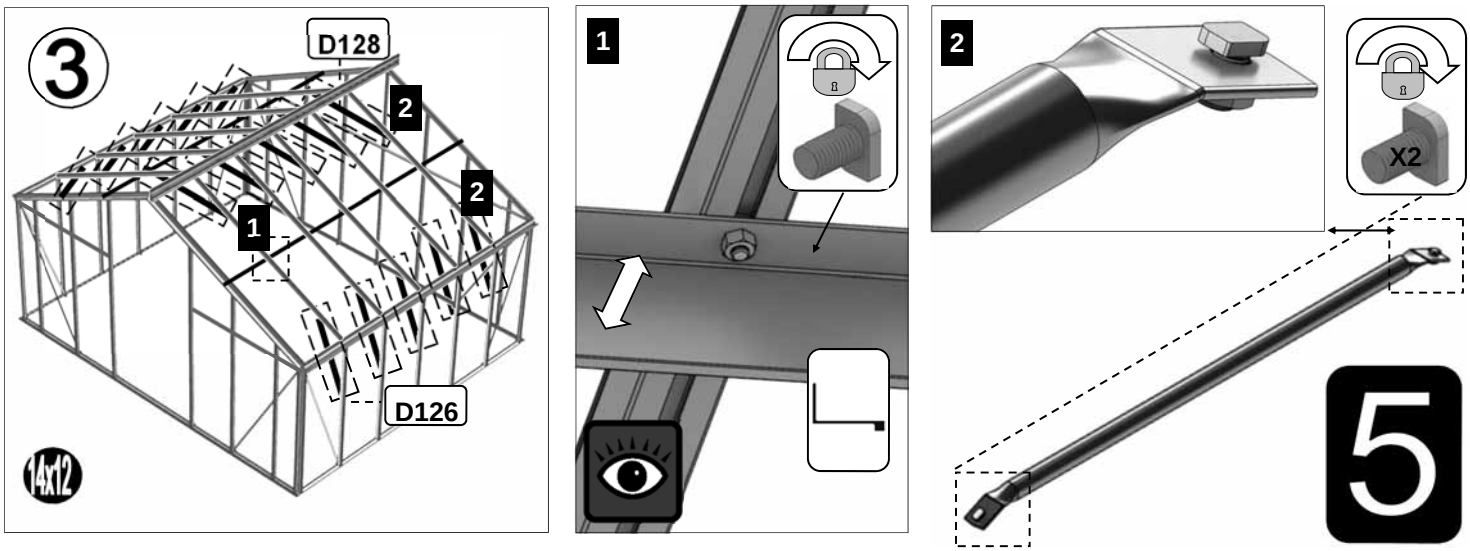
8’	Part No	mm	Quantity
12	D001	2517	1
	D737	2427	6
	D113	2510	2
	D126	445	6
	D128	1015	3
	RUBBER	1000	30

10’	Part No	mm	Quantity
16	D002	3137	1
	D737	2427	8
	D918	3130	2
	D126	445	8
	D128	1015	4
	RUBBER	1000	39

12’	Part No	mm	Quantity
20	D003	3757	1
	D737	2427	10
	D034	3750	2
	D126	445	10
	D128	1015	5
	RUBBER	1000	49



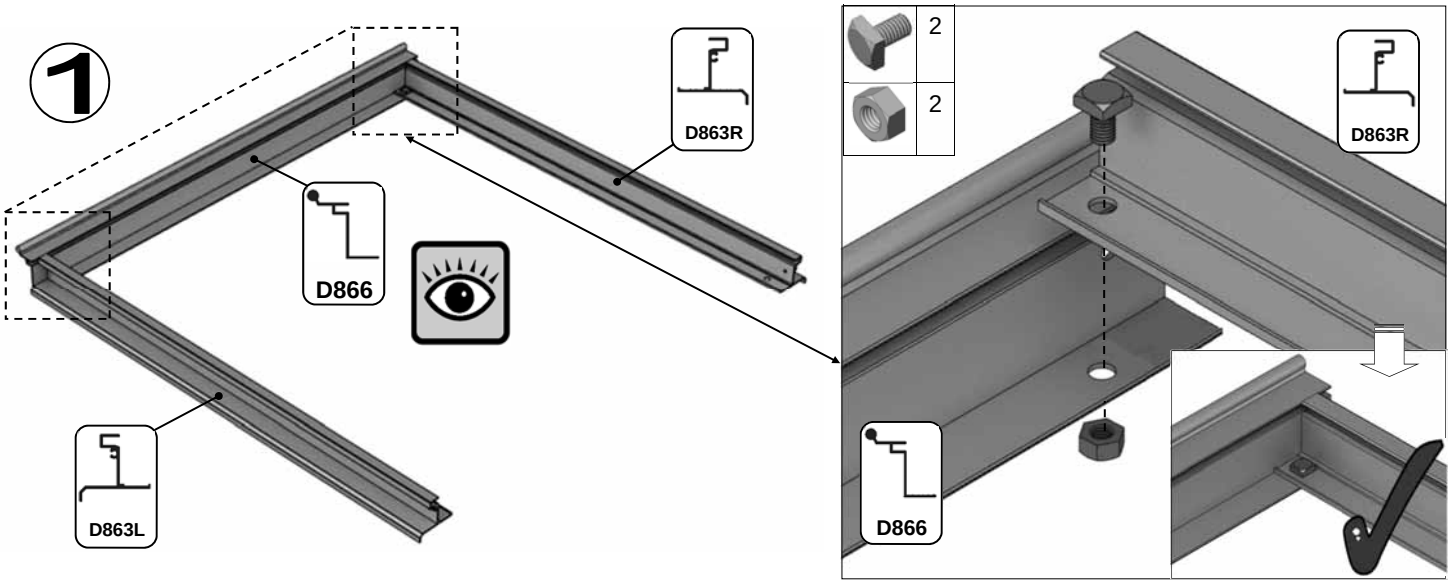


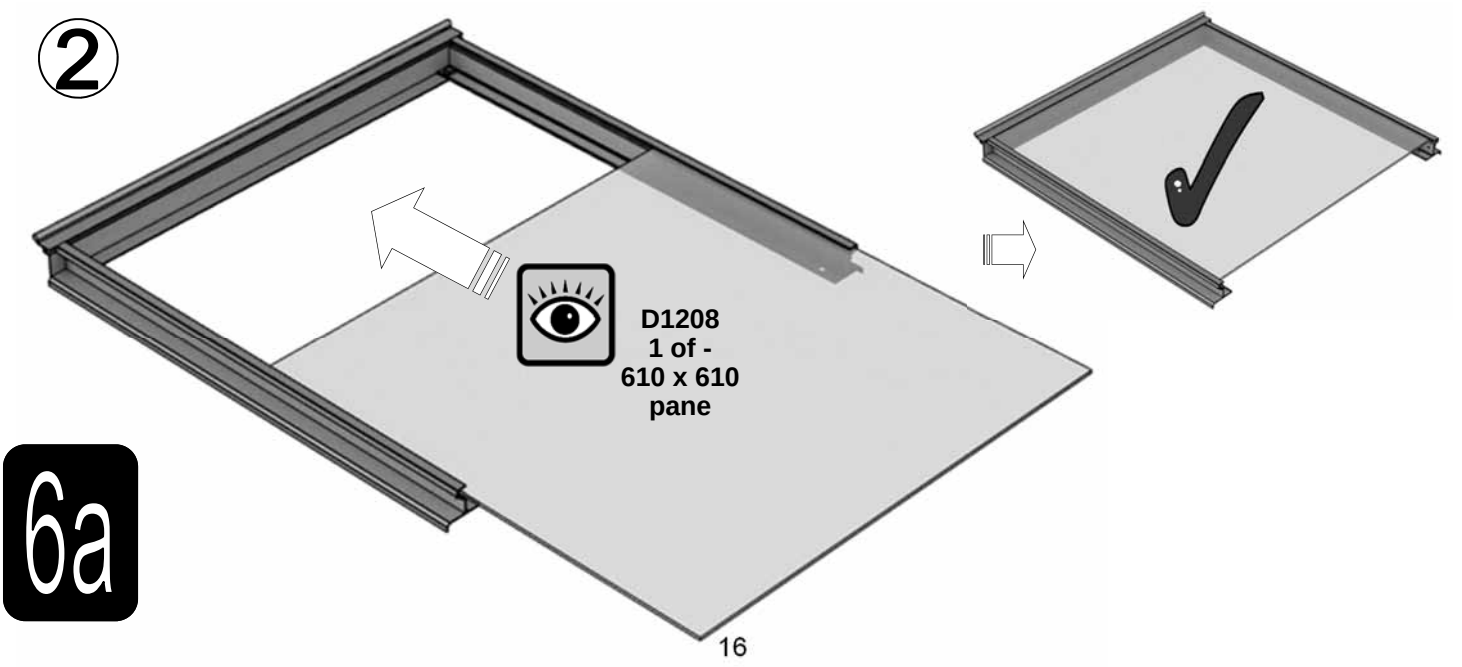


D1208
1 of -
610 x 610
pane

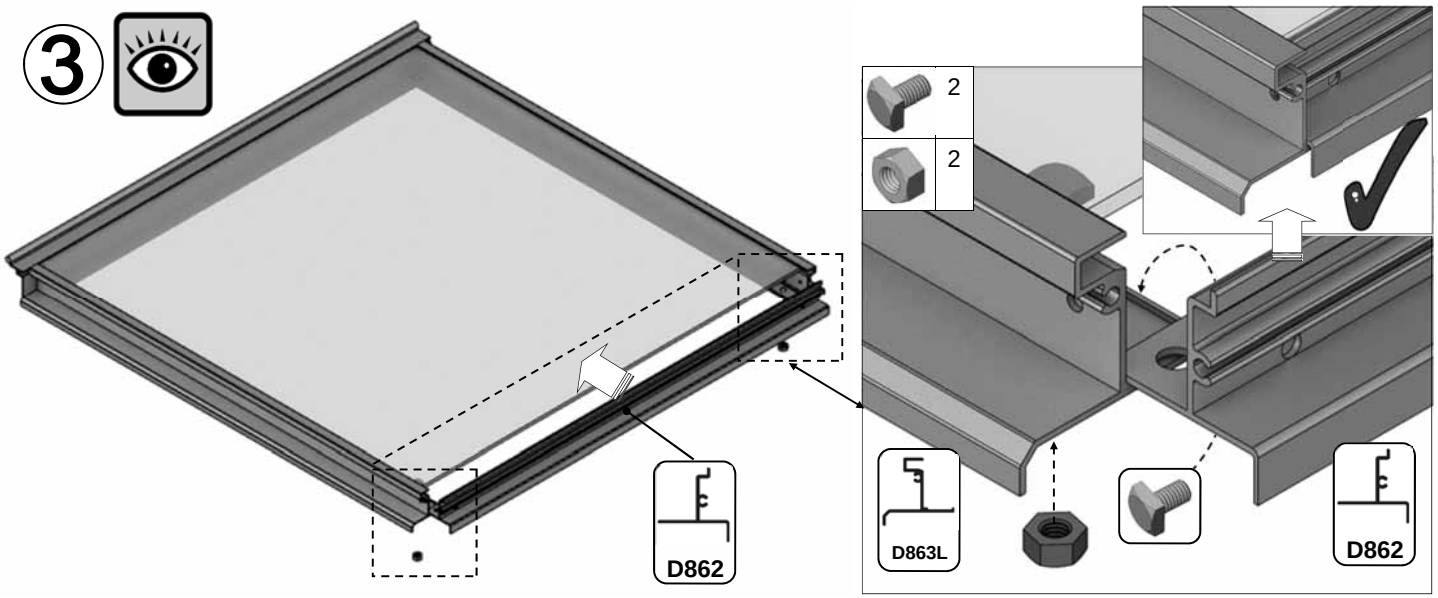
Part No		mm	Quantity
D866		639	1
D863L		613	1
D863R		613	1
D862		593	1

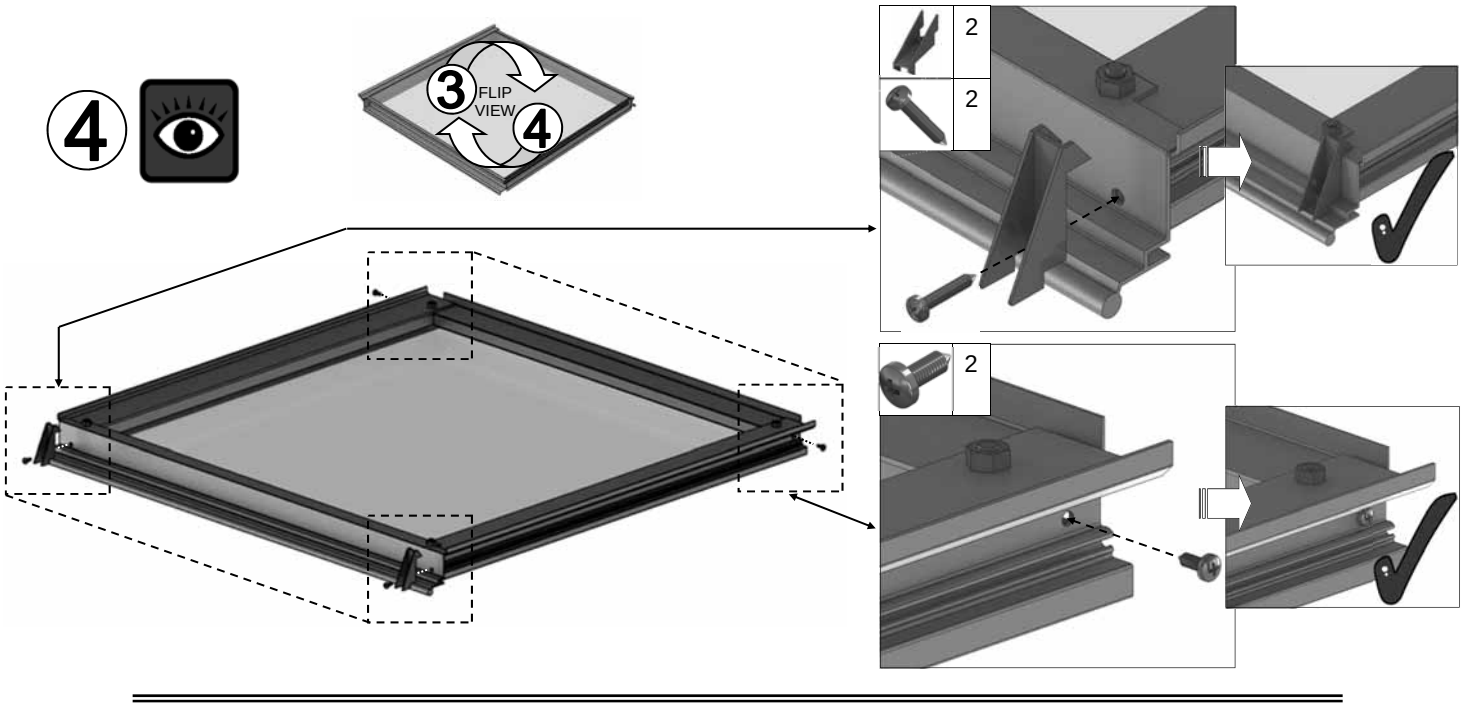
Part No		mm	Quantity
D220 PLUS FS6060 SCREW		N/A	2
D205		N/A	2
BOLM6X12		12	4
NUT M6		M6	4
8 X 12 S/T FS6017		10	2
8 x 19 S/T FS6018		19	2

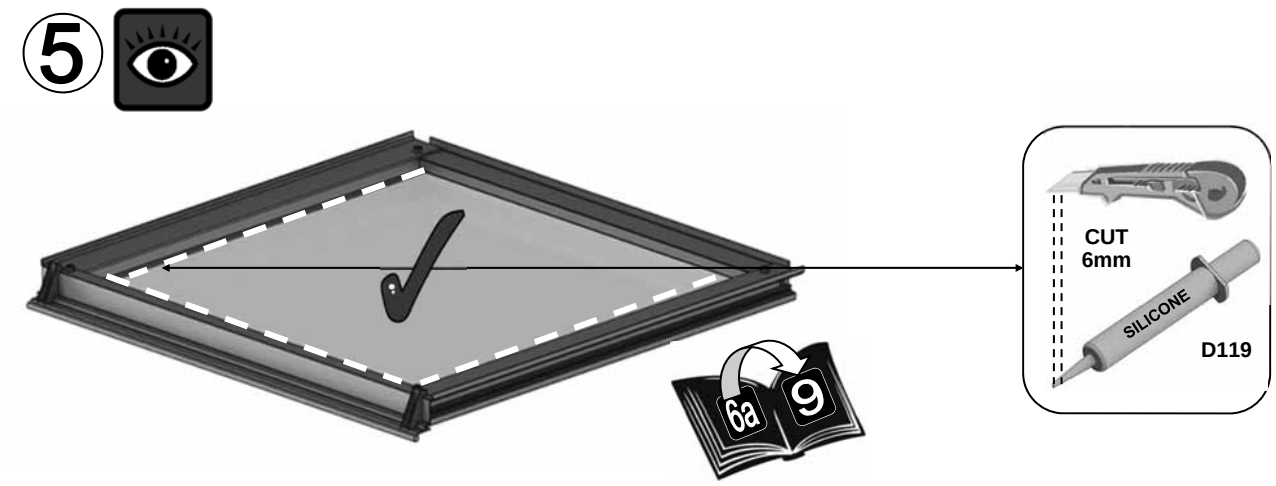




6a


3
2
2
D862
D863L
D862


4
3
FLIP
VIEW
4
2
2
2


5
6a
9
CUT
6mm
SILICONE
D119

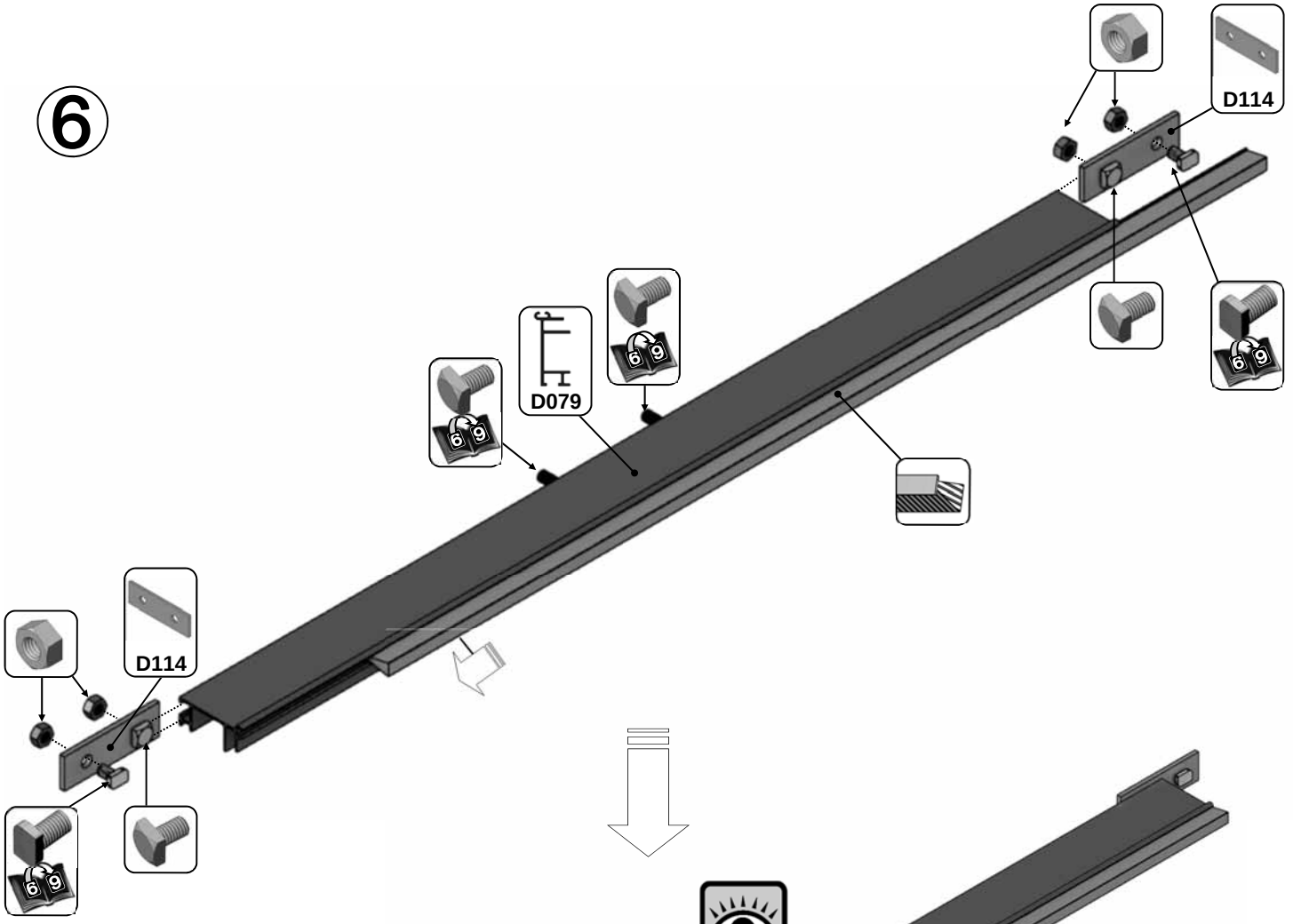
6a

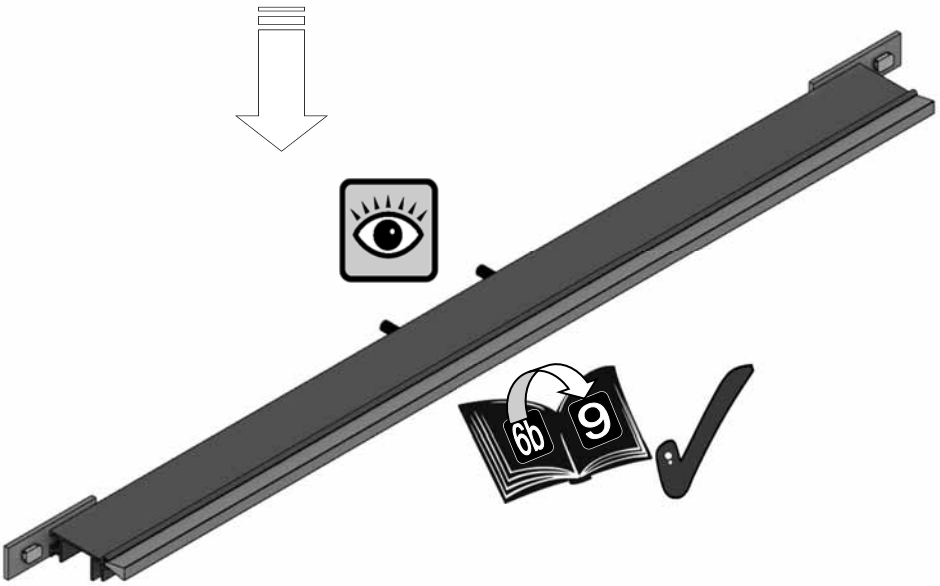
1 vent slam bar = {

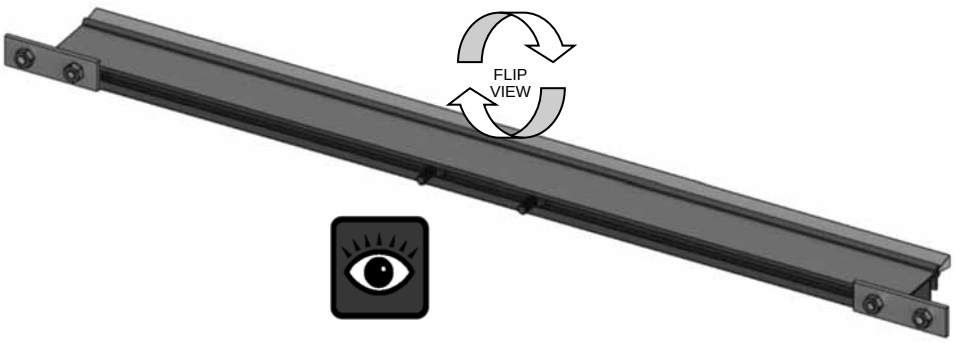
Part No		mm	Quantity
BOLM6X12		12	4
M6 CROP		10	2
NUT M6		N/A	4

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

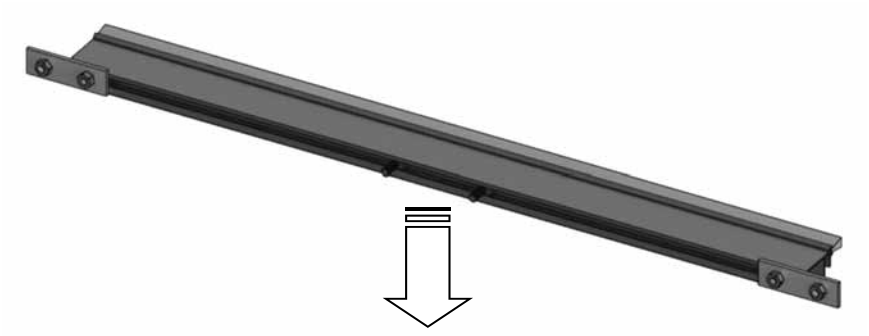
6

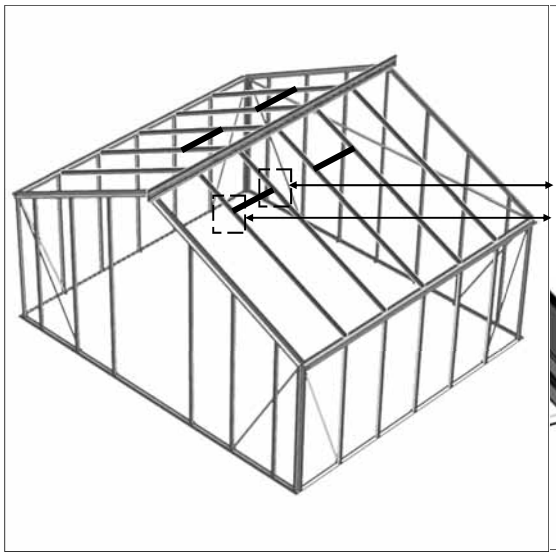


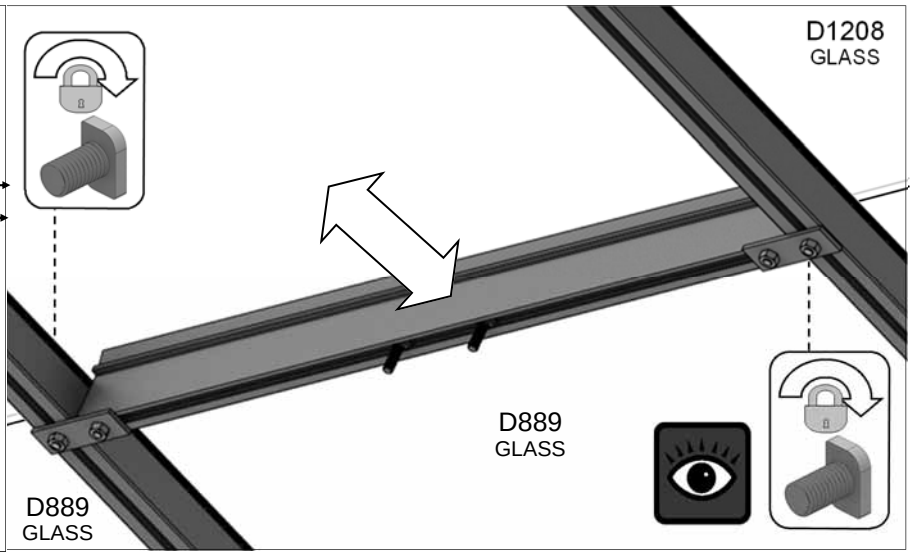


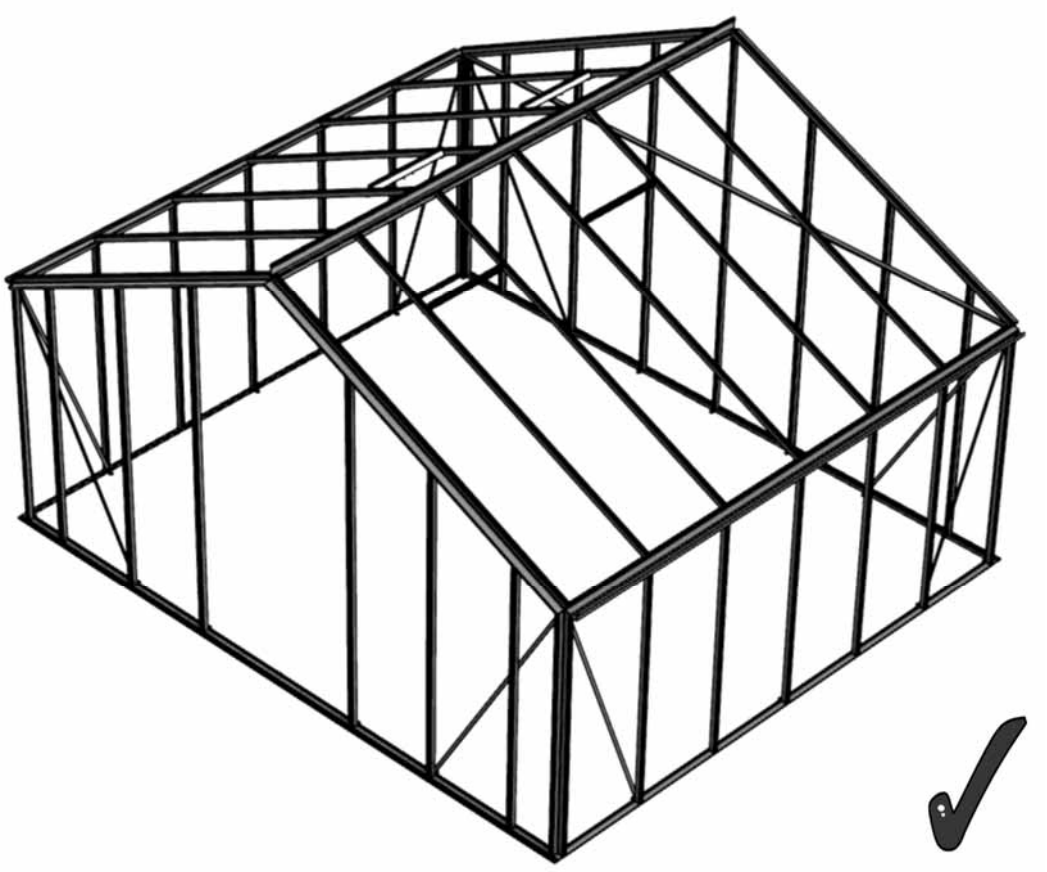


6b

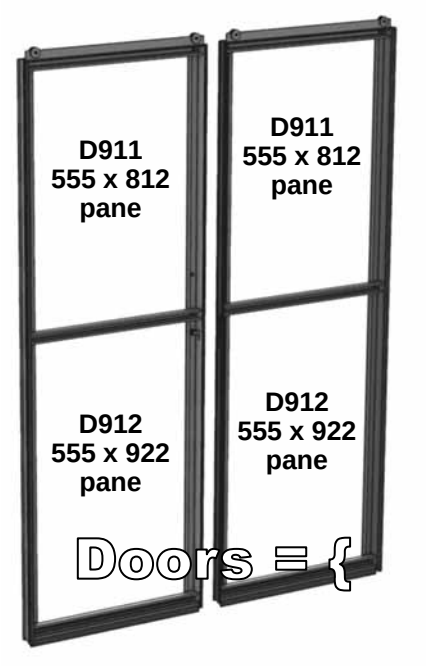






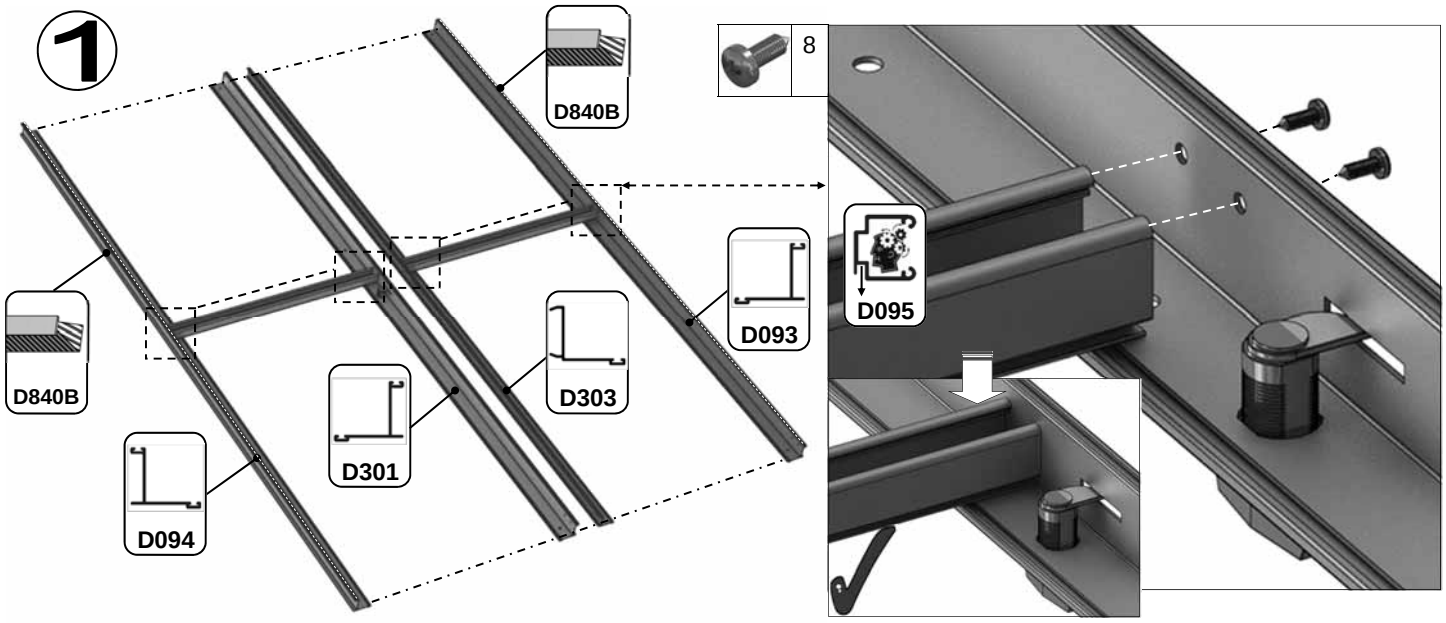


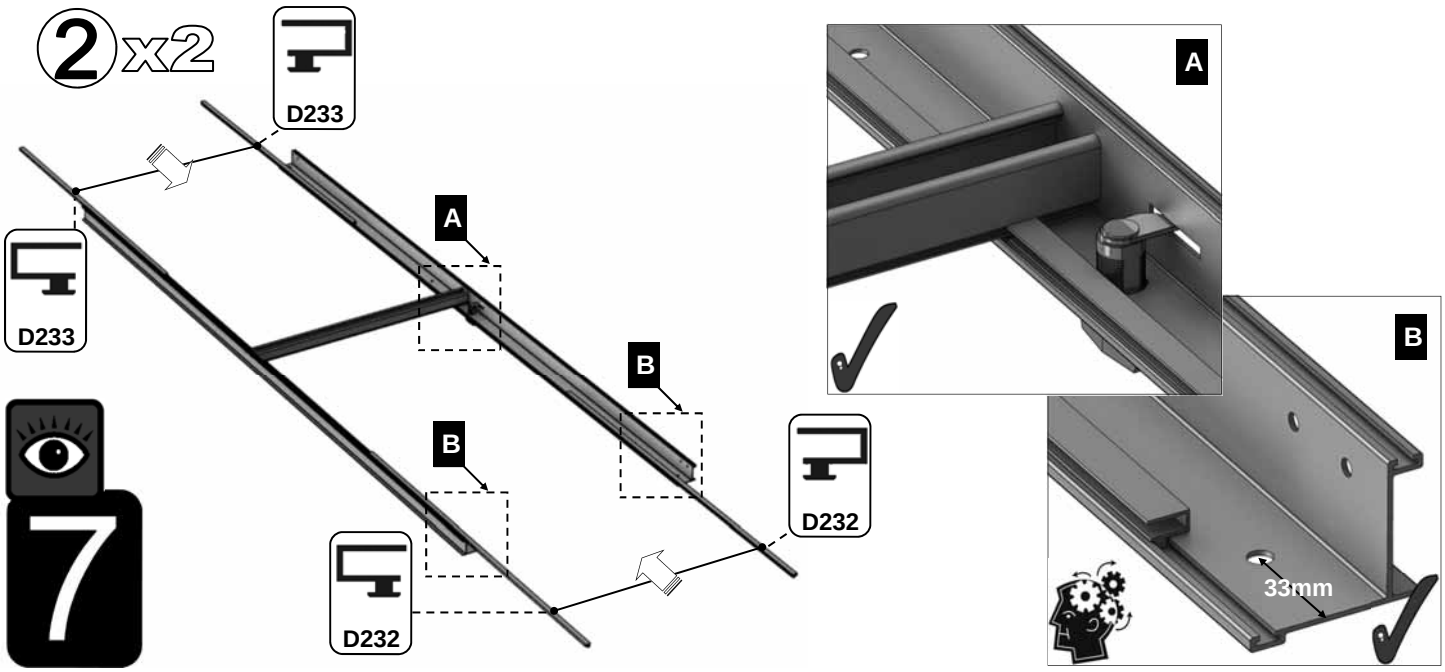
6b

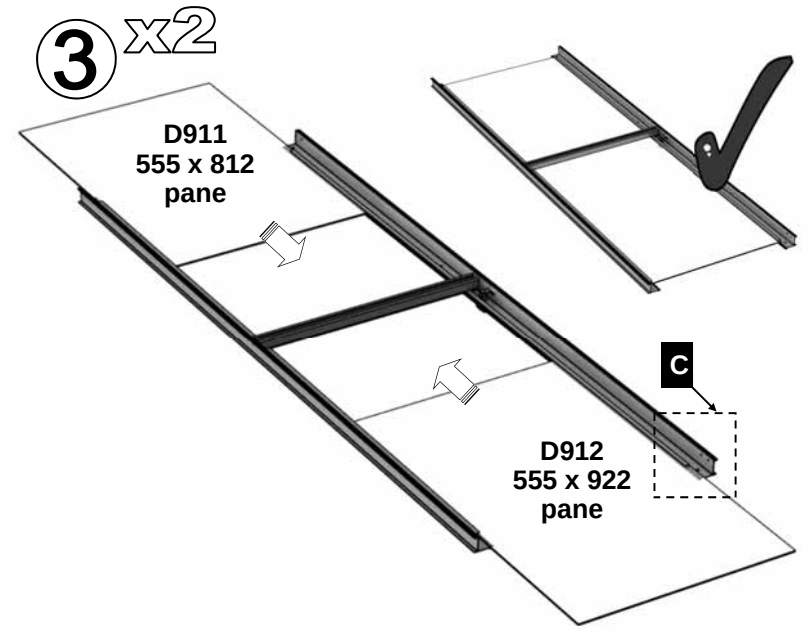


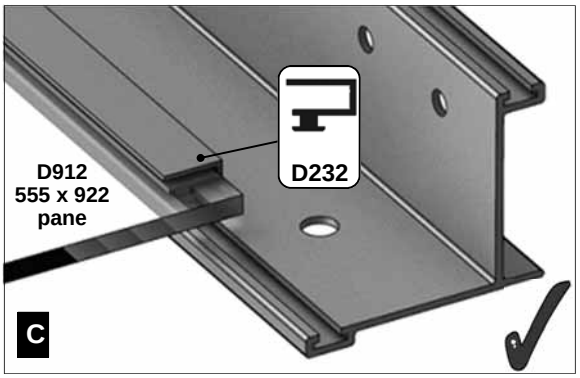
Part No		mm	Q
D094		1824	1
D090 + D347 lock = D301		1824	1
D092 + D156 strike = D303		1824	1
D093		1824	1
D096 + D217 wheel = D307		611	2
D095		611	2
D097		611	2

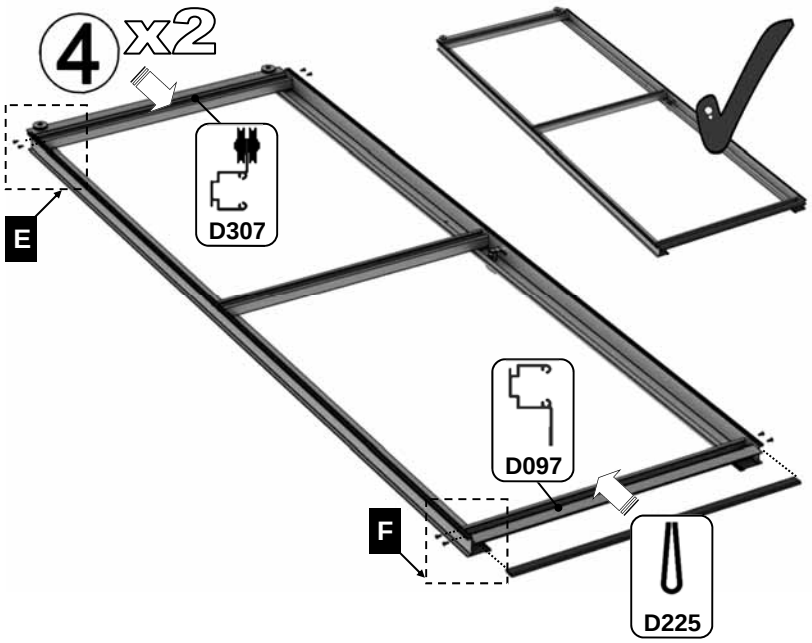
Part No		mm	Q
D232		905	4
D233		797	4
P053		N/A	2
D225		610	2
D840B		4000	. 1
D263 PACK x 2		N/A	14
		N/A	14
D261 PACK		N/A	24

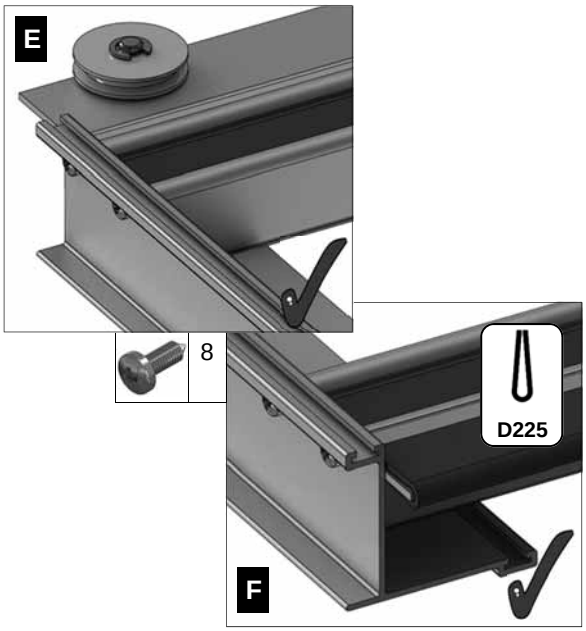


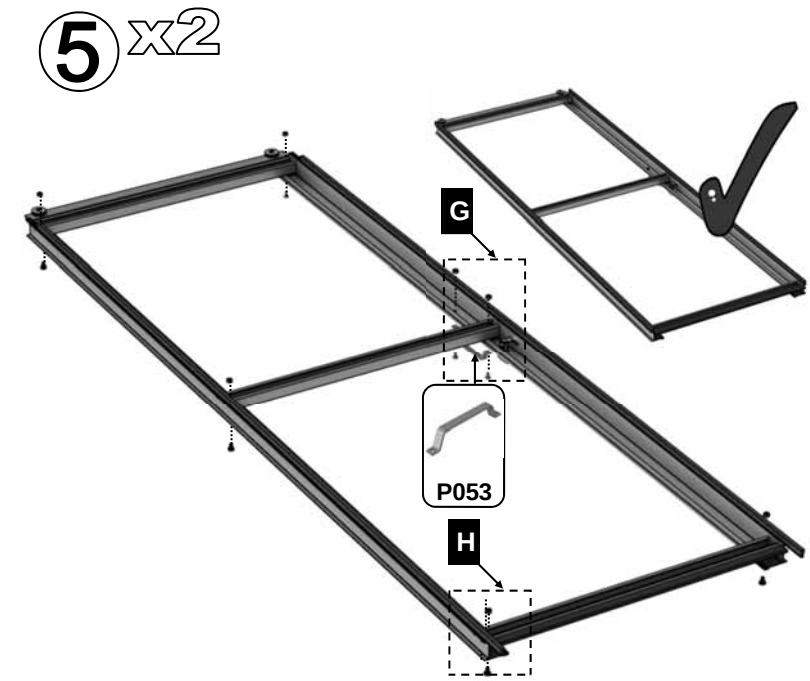


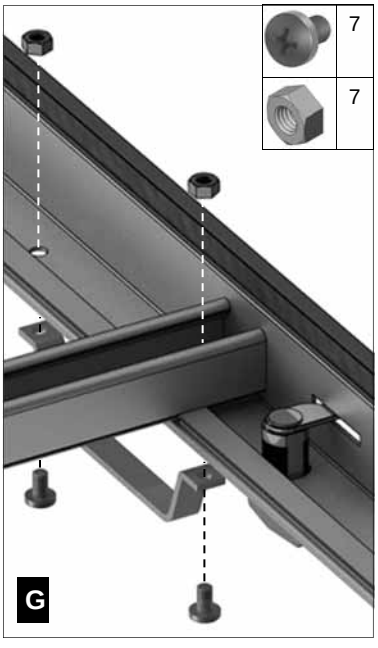

3 x2
D911
555 x 812
pane
C
D912
555 x 922
pane

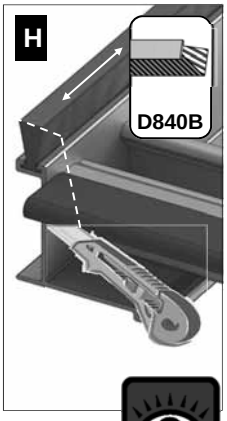

D912
555 x 922
pane
D232
C


4 x2
E
D307
D097
F
D225


E
8
D225
F

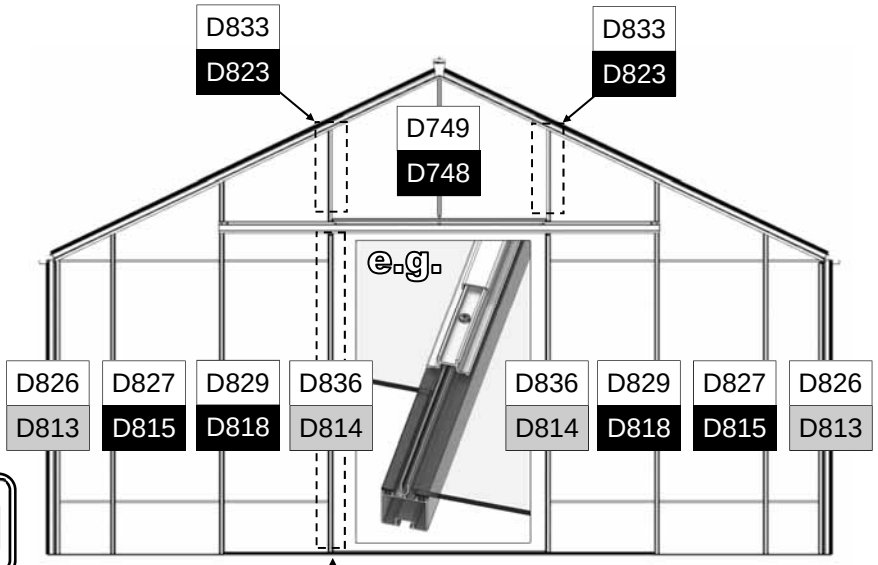

5 x2
G
P053
H

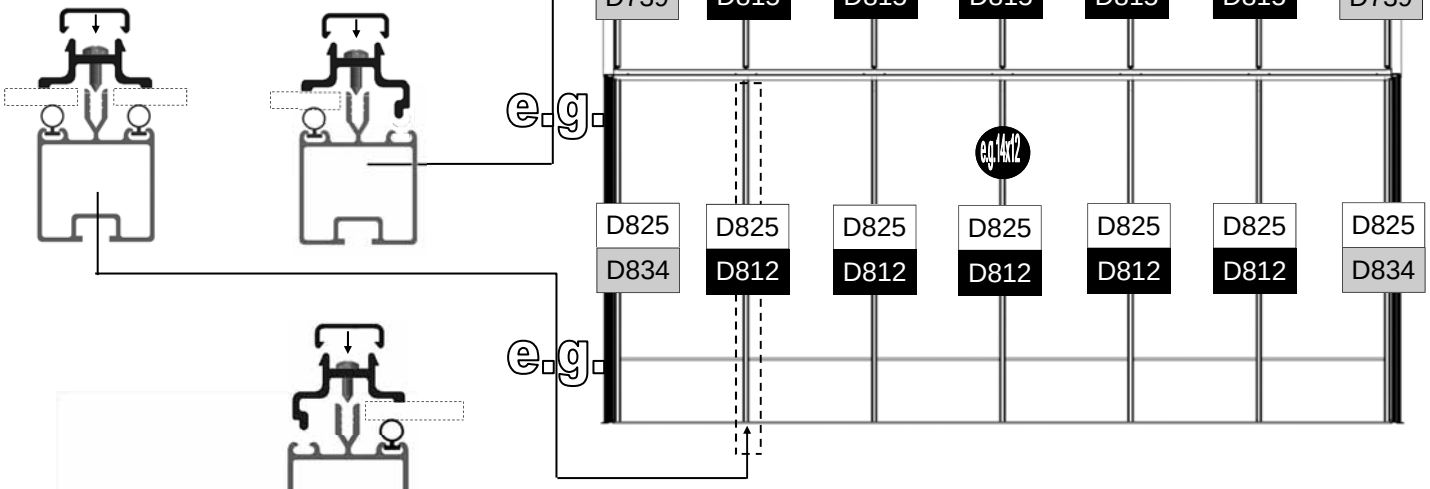

7
7
G

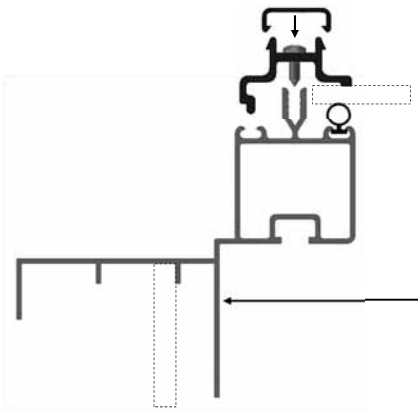

H
D840B

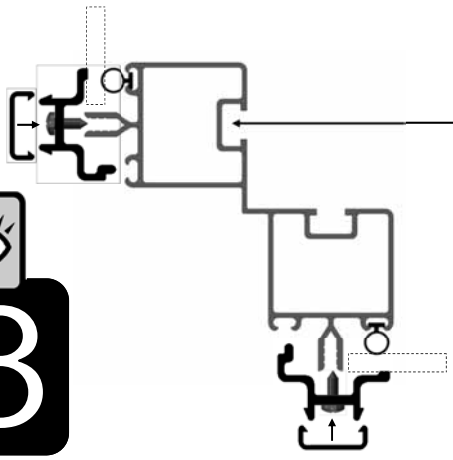

7

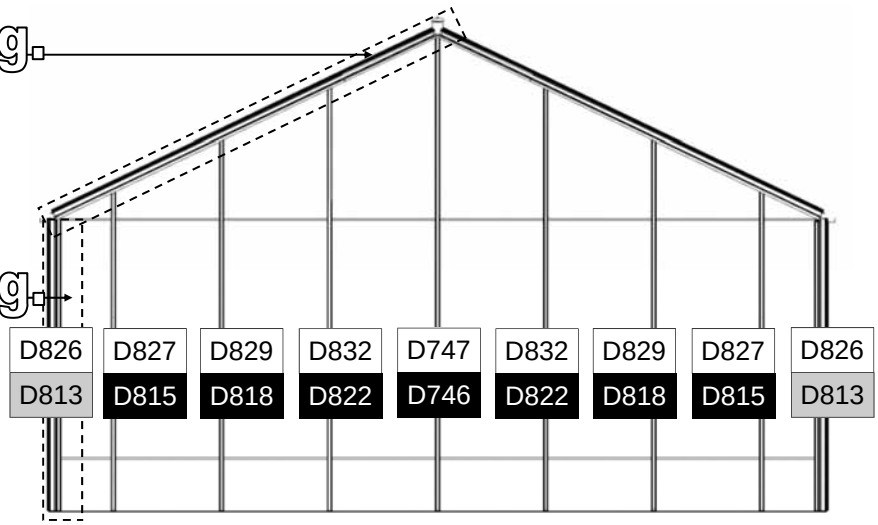
PART No	Section	Size (mm)
D746		2718
D748		787
D812		1660
D815		1830
D818		2126
D822		2422
D823		516
D870		601
D739		1830
D813		1675
D814		1883
D834		1660
D871		601
D738		2435
D747		2718
D749		787
D825		1660
D826		1677
D827		1832
D829		2128
D832		2424
D833		518
D836		1883



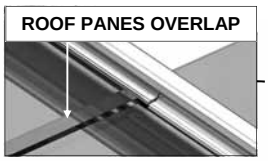




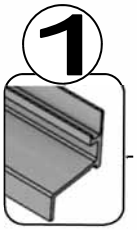


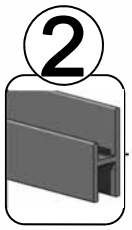


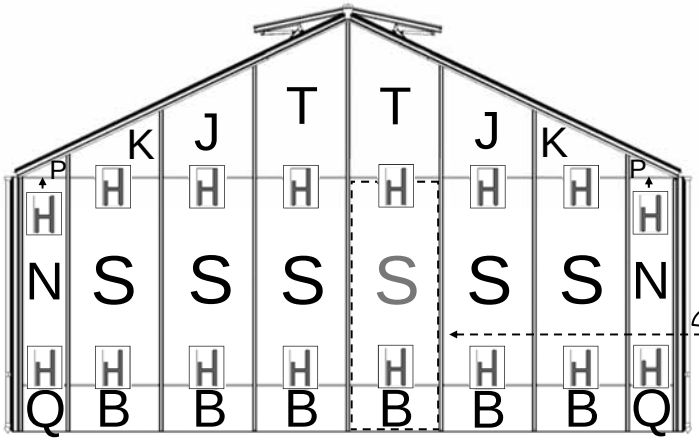
8

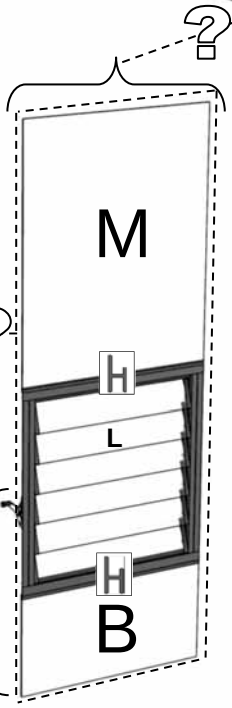


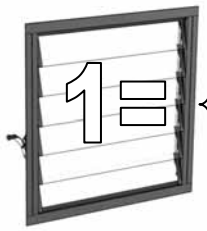
RENOWN TOUGHENED GLASS





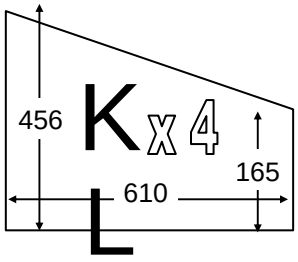


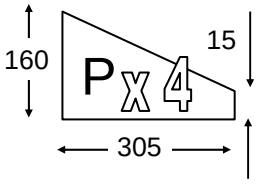


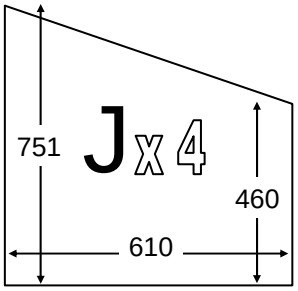


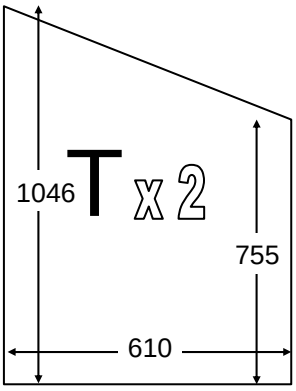
D906	M	610 X 762	1
D729	L	525X 100	6
D101 / ROSEPS	H	610 long	1

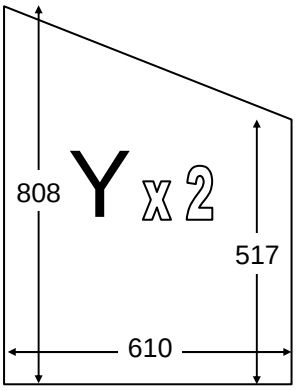
PART No		Size (mm)	8’	10’	12’
D1206	S	610 X 1374	16	18	20
D889	R	610 X 1855	8	10	12
D1208	A	610 X 610	8	10	12
D1254	B	610 X 305	18	20	22
D904	N	305 X 1374	4	4	4
D905	Q	305 X 305	4	4	4
D911	C	555 X 812	2		
D912	D	555 X 922	2		
D902	P	ANGLE	4		
D901	K	ANGLE	4		
D907	J	ANGLE	4		
D899	Y	ANGLE	2		
D898	T	ANGLE	2		
D223/B		1210	1		
D101 / ROSEPS	H	610 long (inc cuts to 305mm)	32	34	36

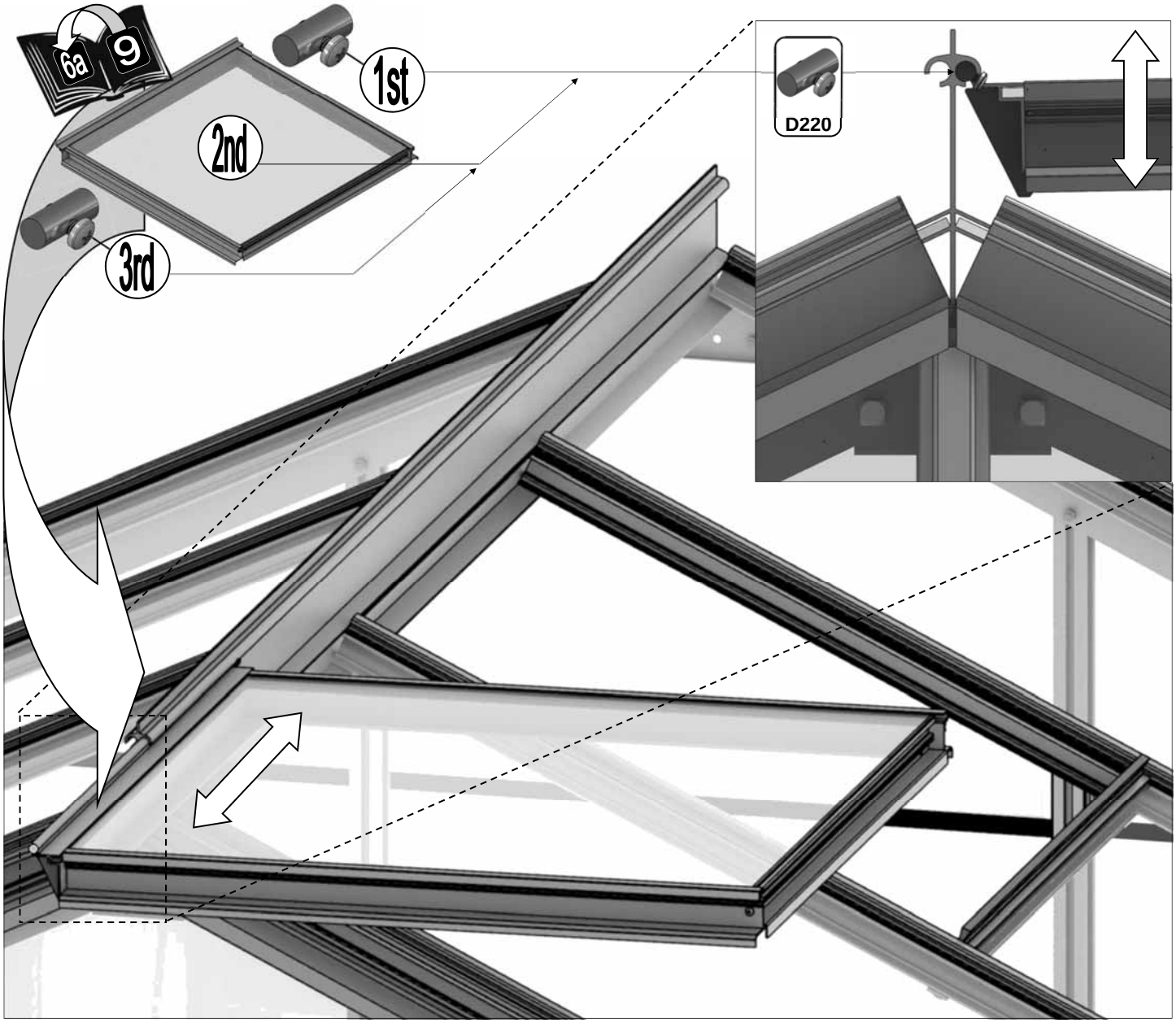


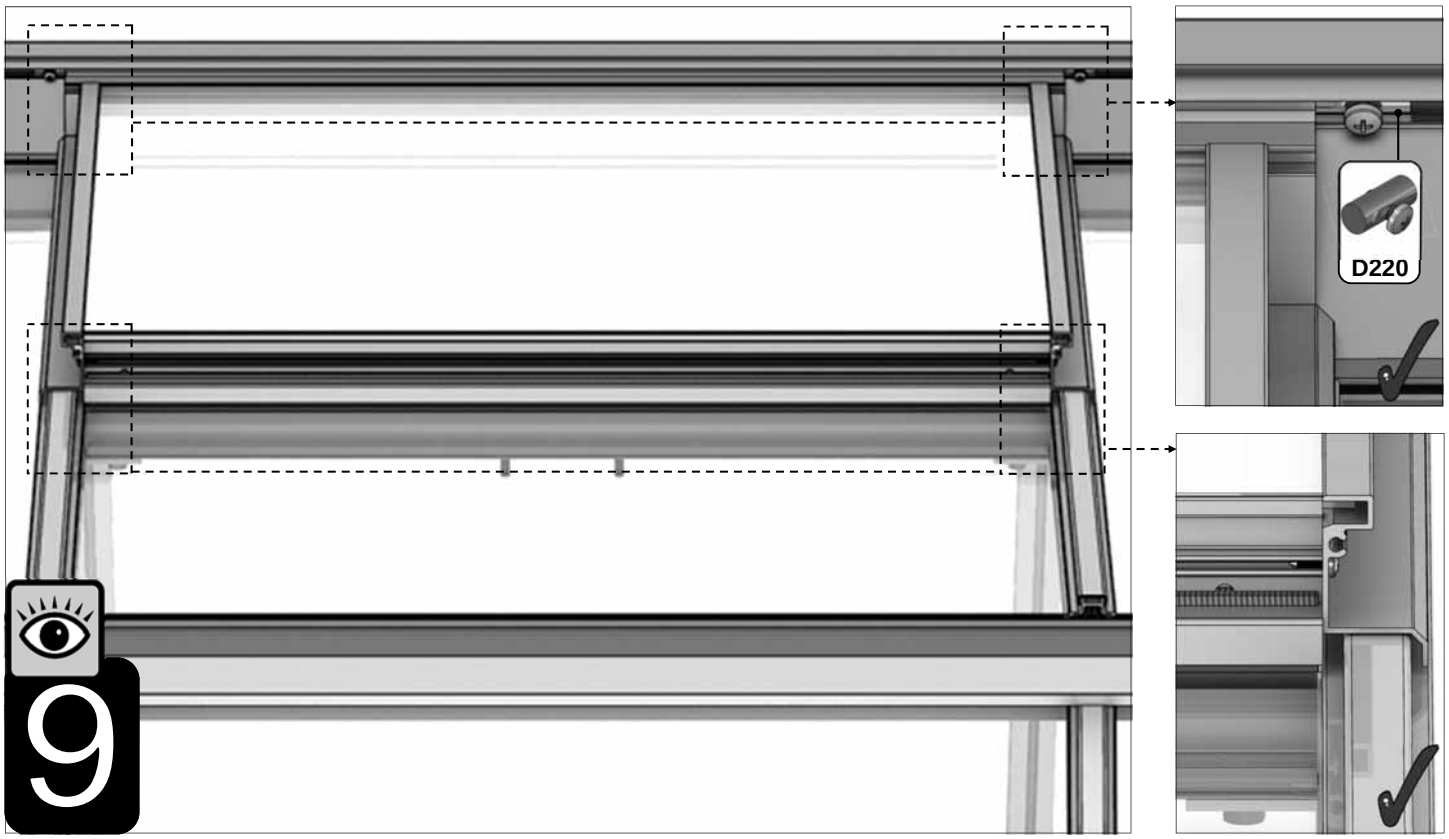


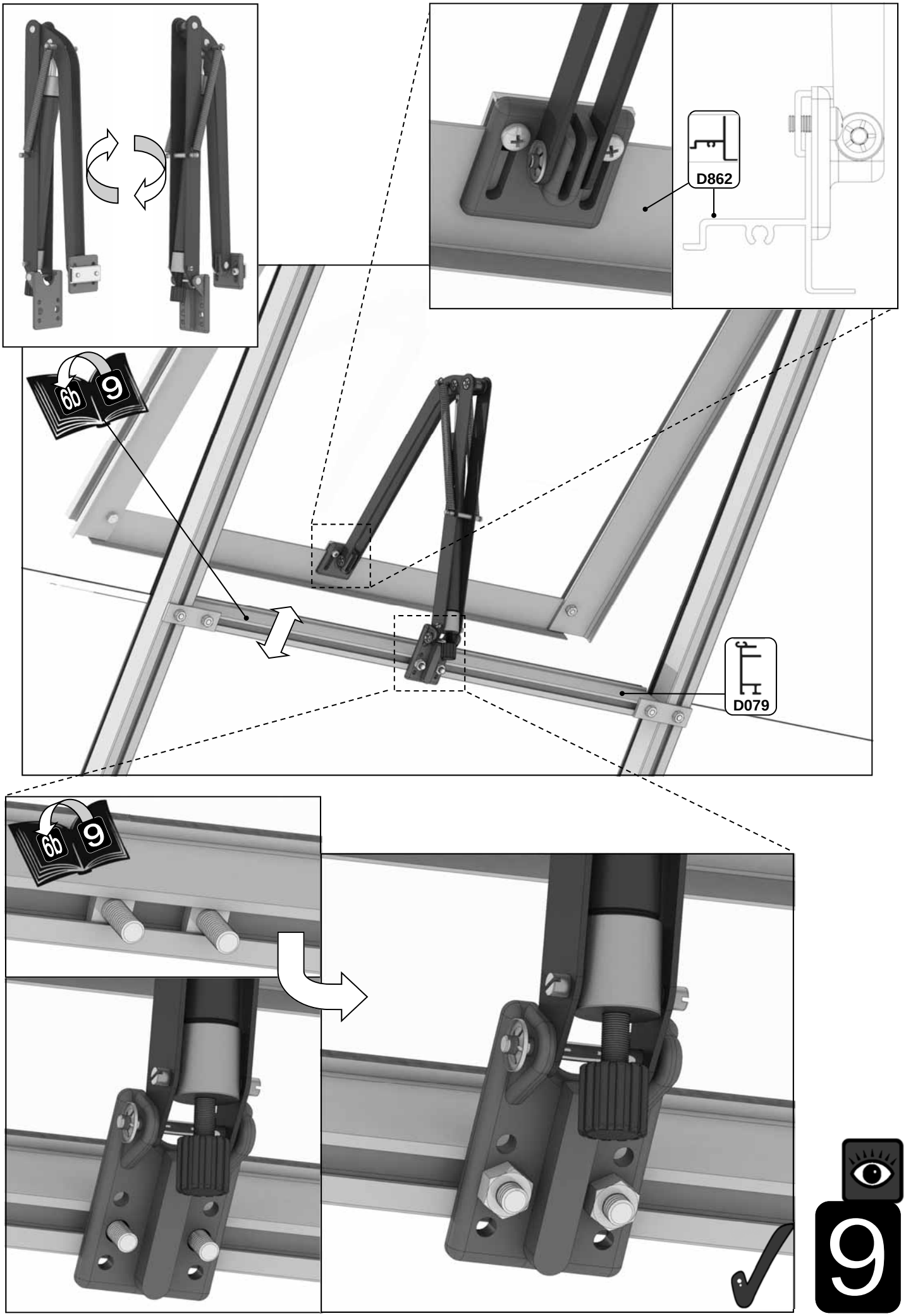






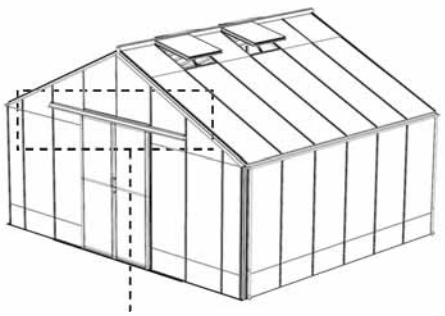

6a
9
1st
2nd
3rd
D220

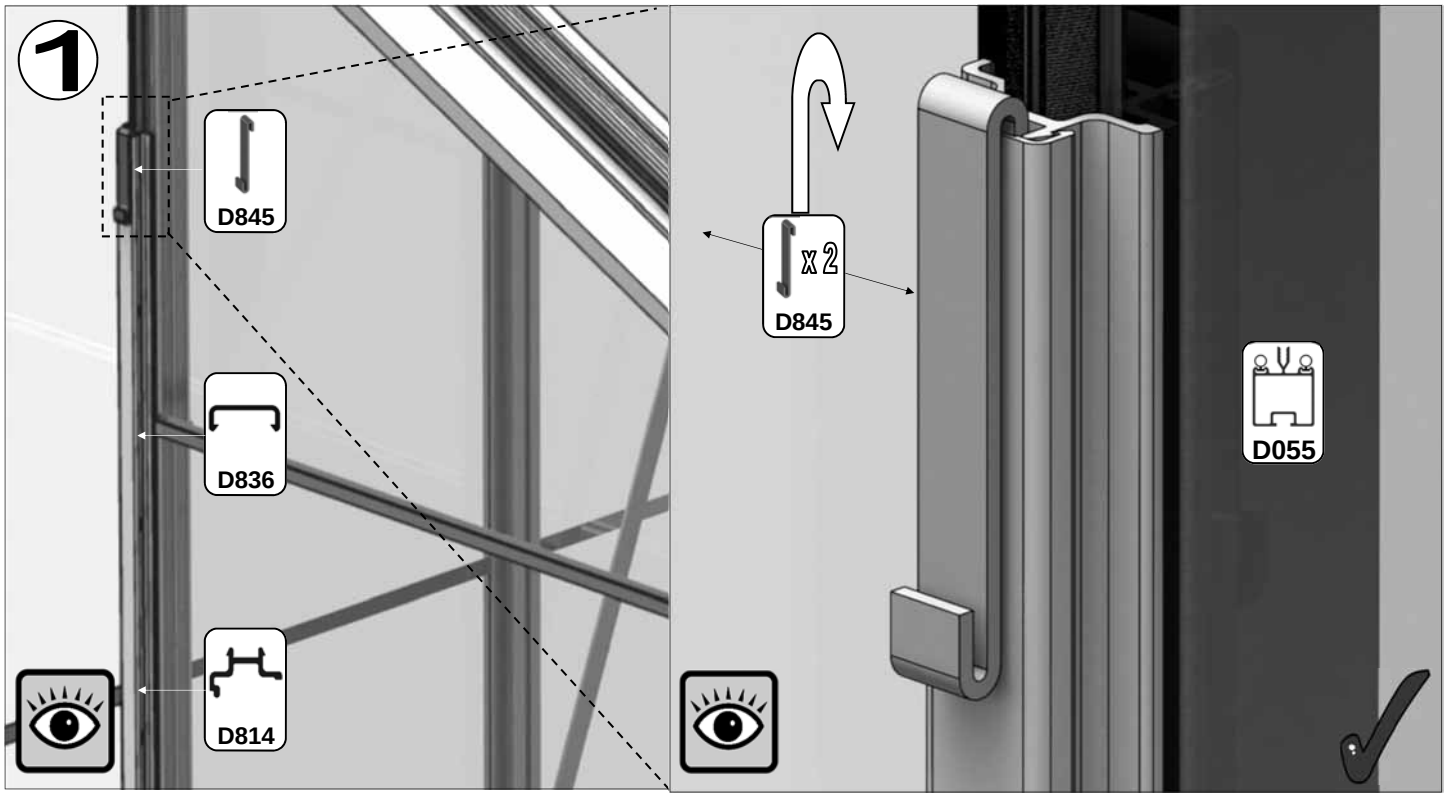

D220
9

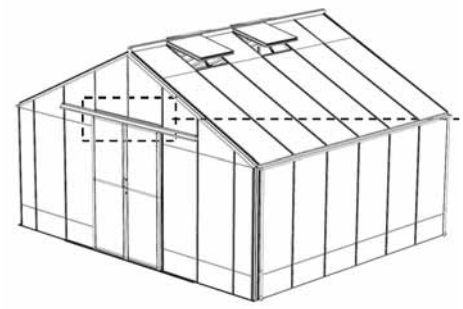

D862
6b
9
D079
6b
9

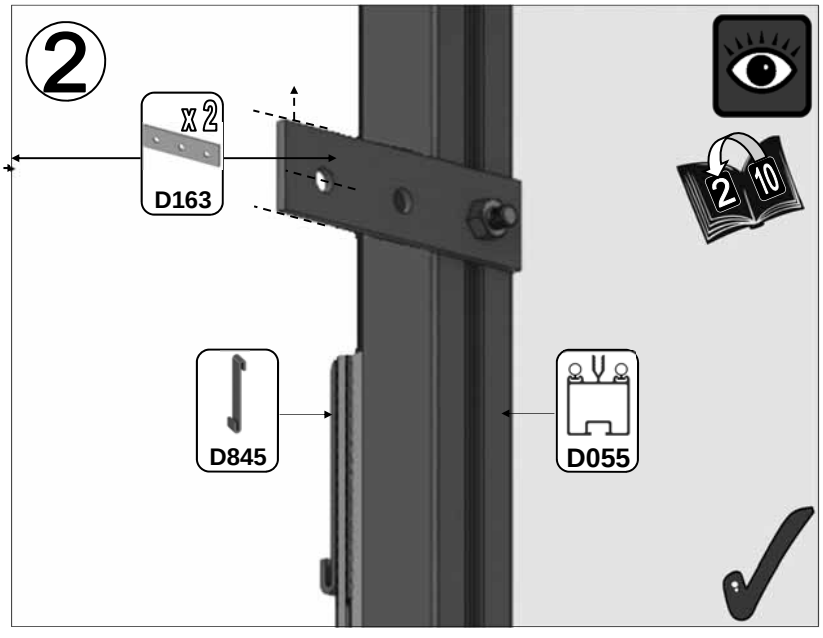
Part No		mm	Q
D865		1210	1
D086		2510	1
D085		2510	1

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

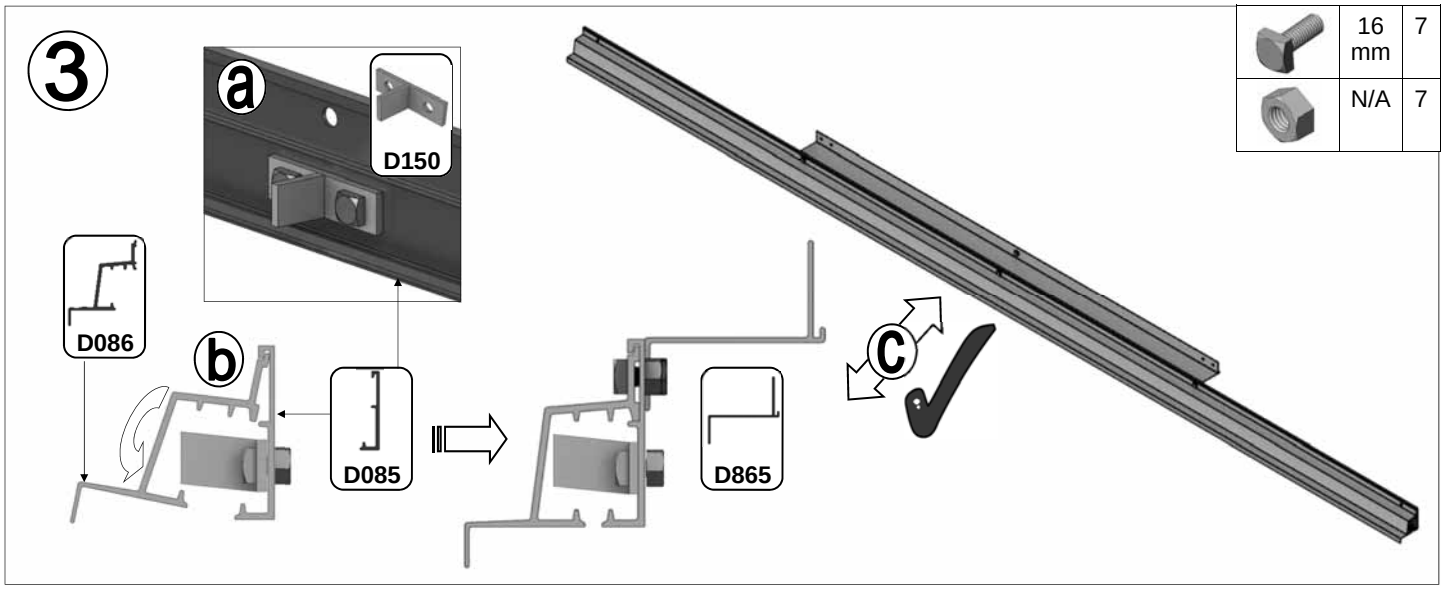


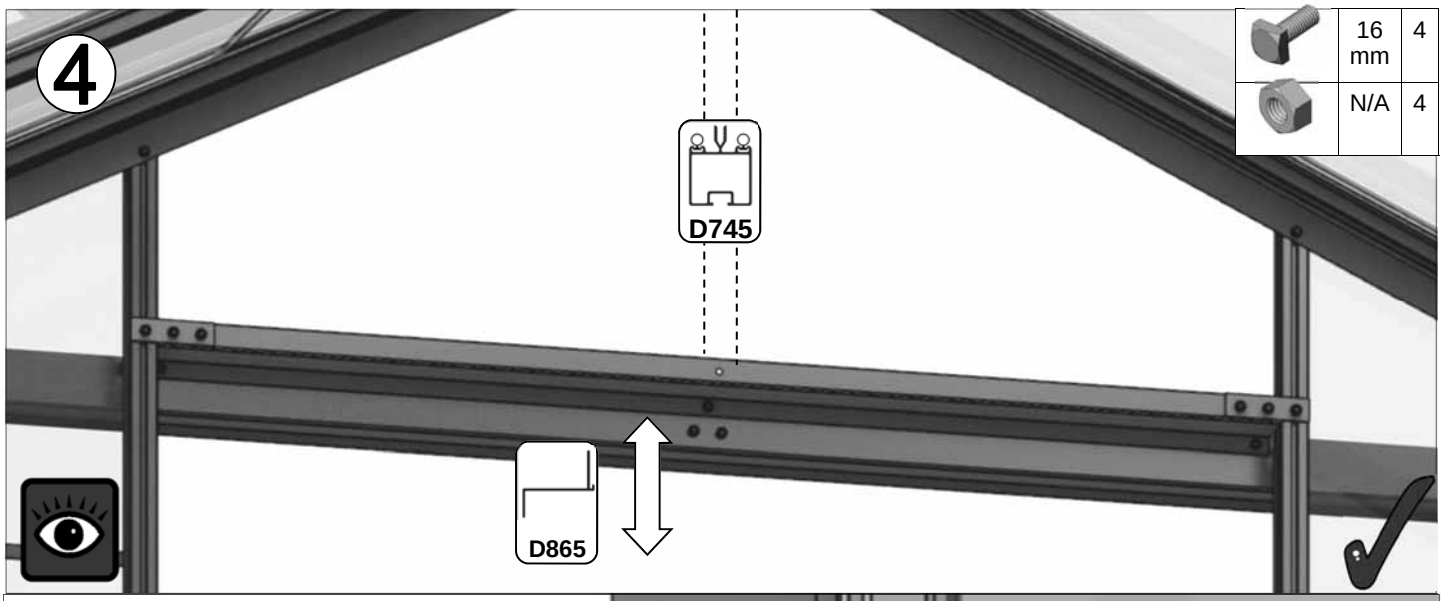


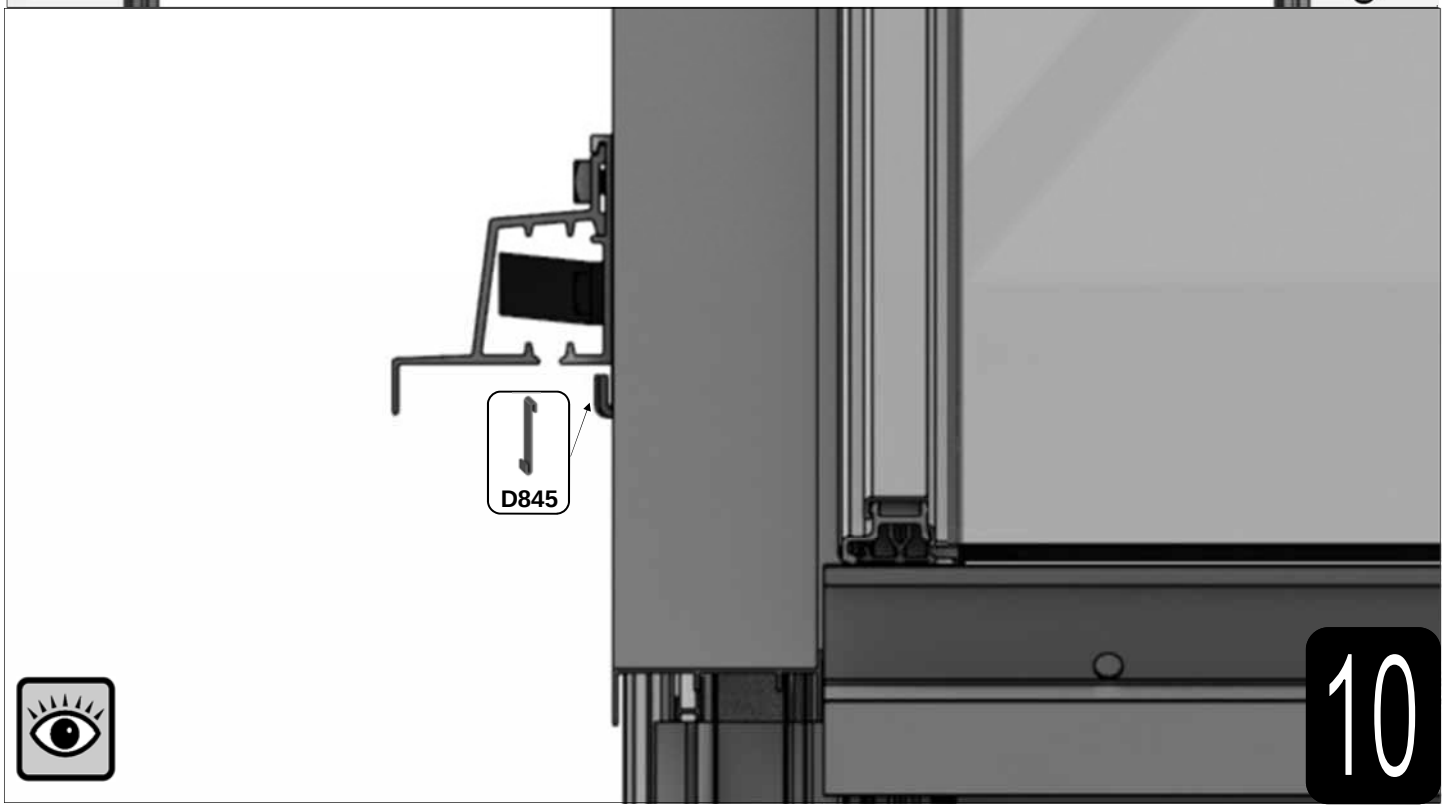


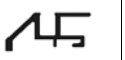
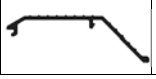


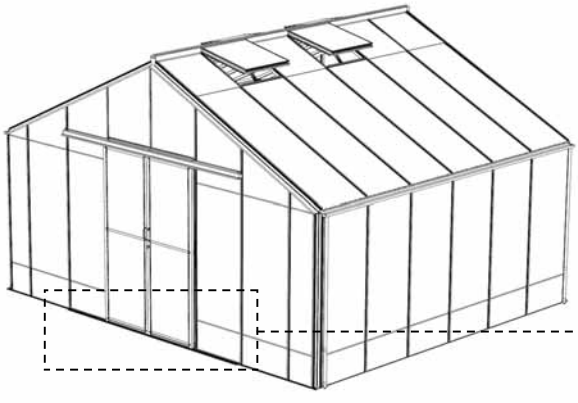
10

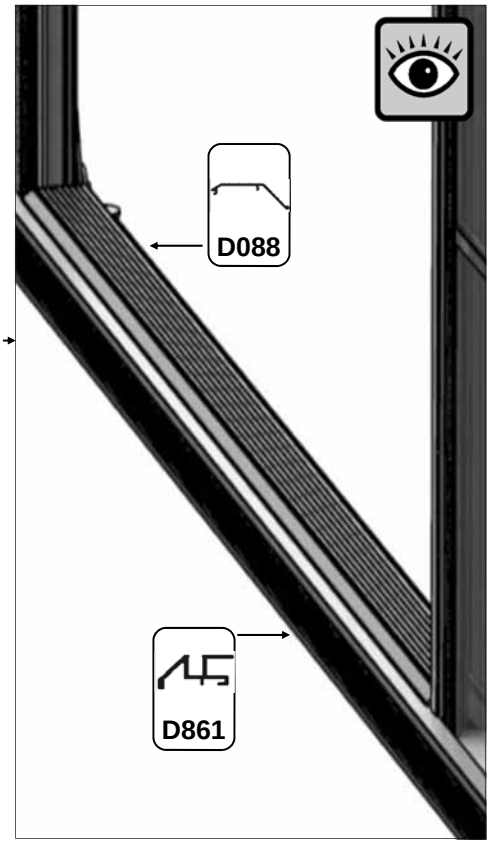

3
a
D150
D086
b
D085
D865
c
16 mm
7
N/A
7


4
D745
D865
16 mm
4
N/A
4

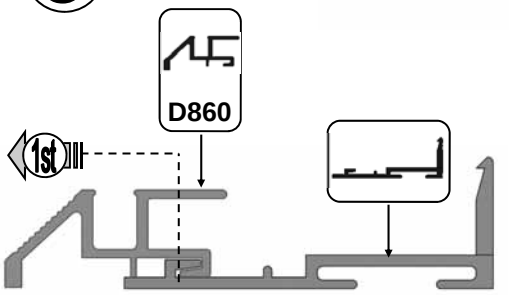

D845
10

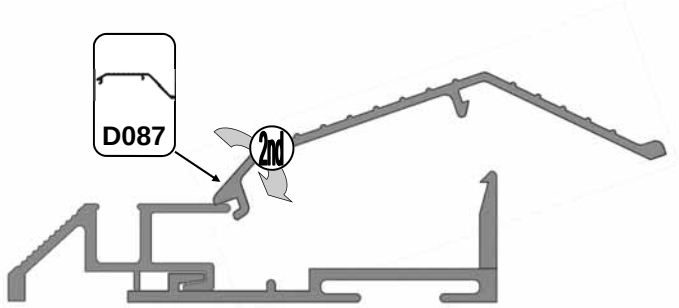
Part No		Q
D861		1
D088		1

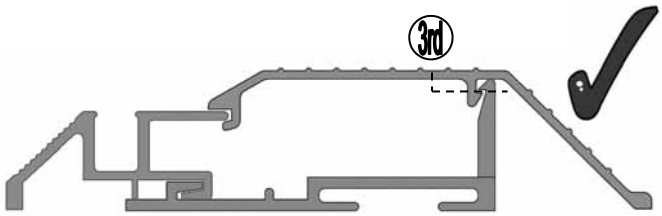




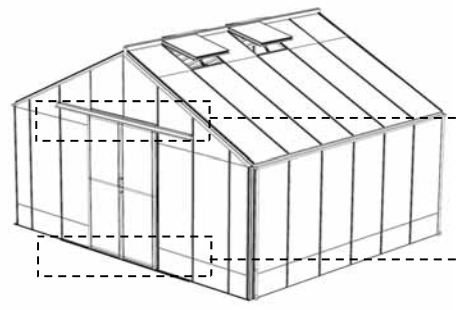
5

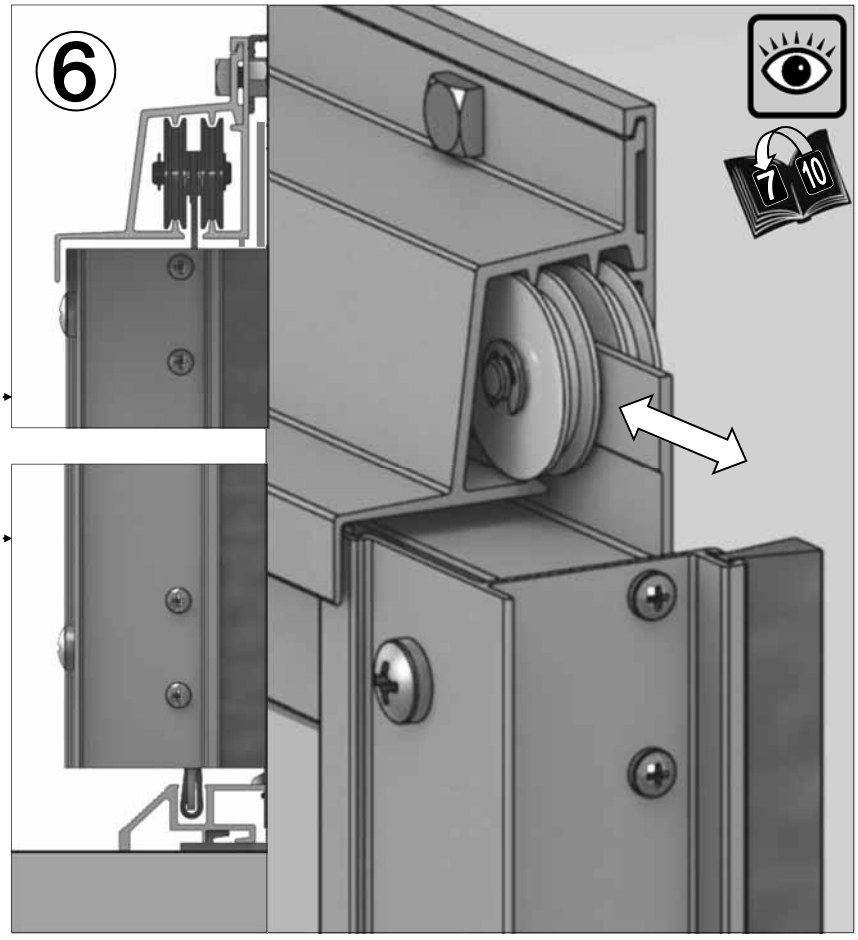




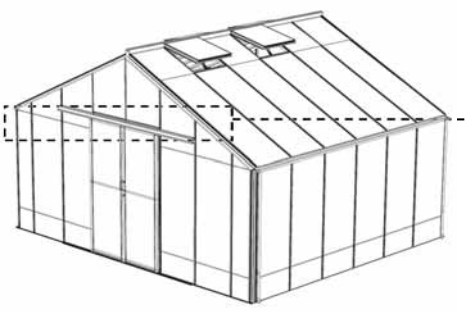


6

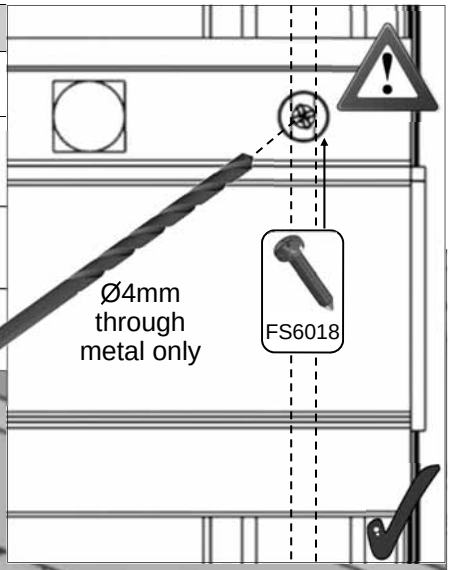


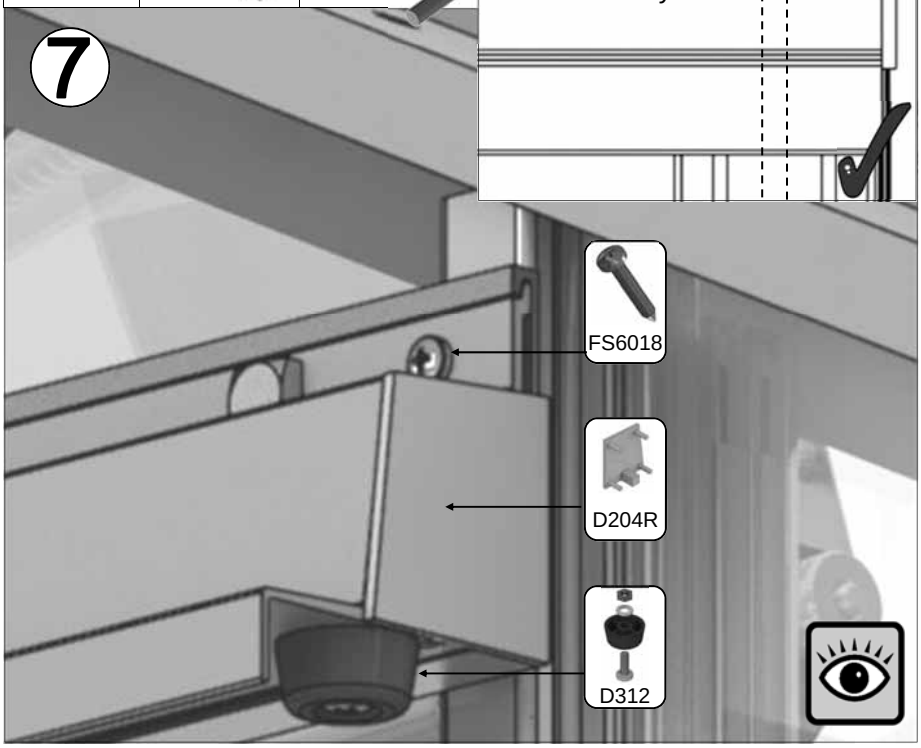


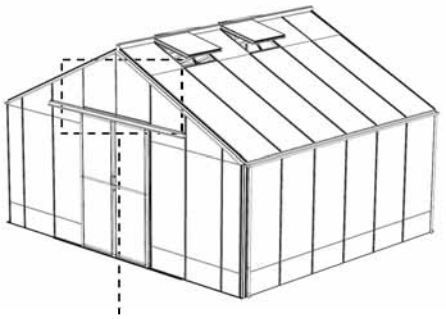
10



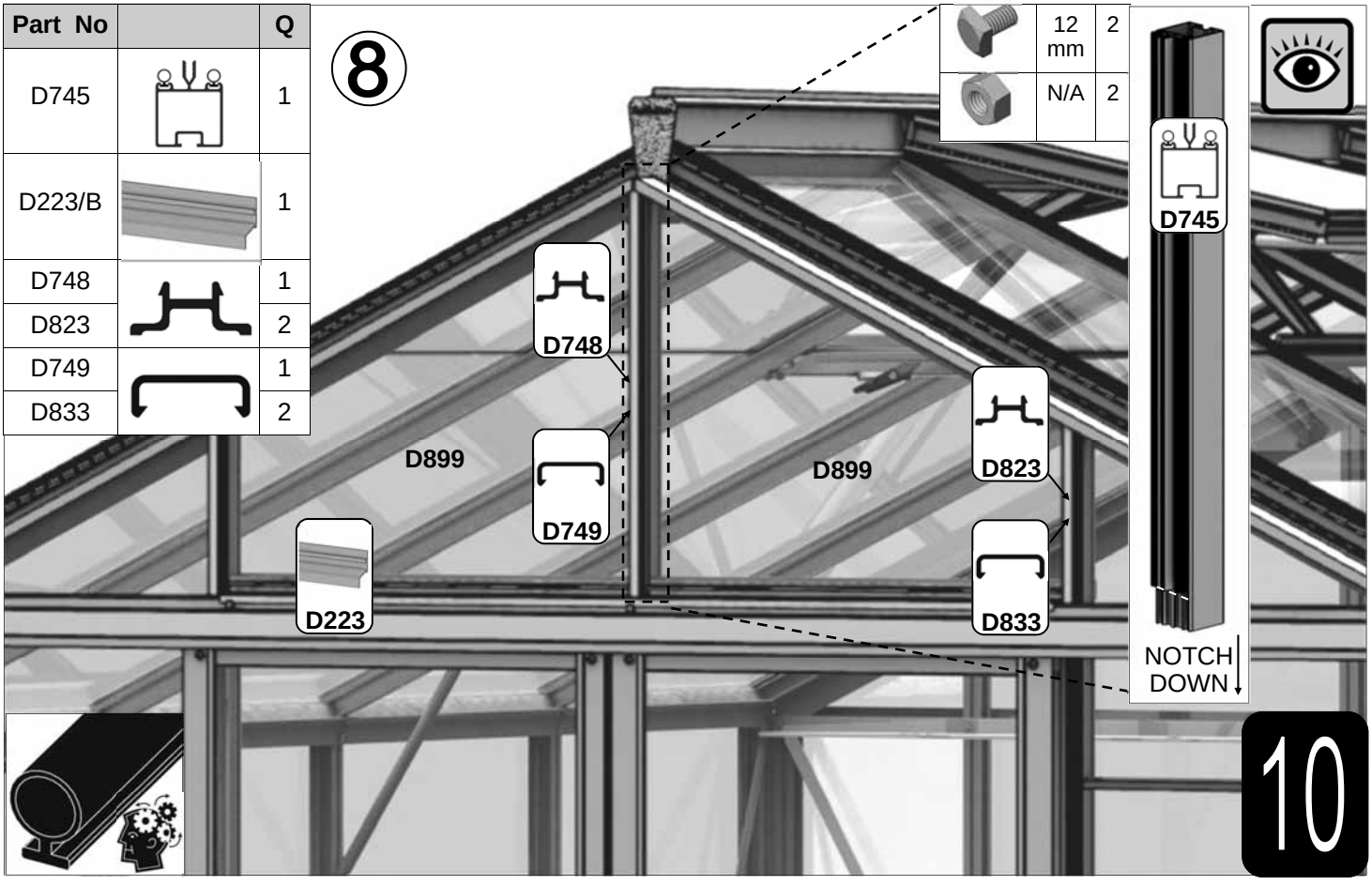
Part No		Quantity
FS6018		2
D312		2
D204L /B		1
D204R /B		1

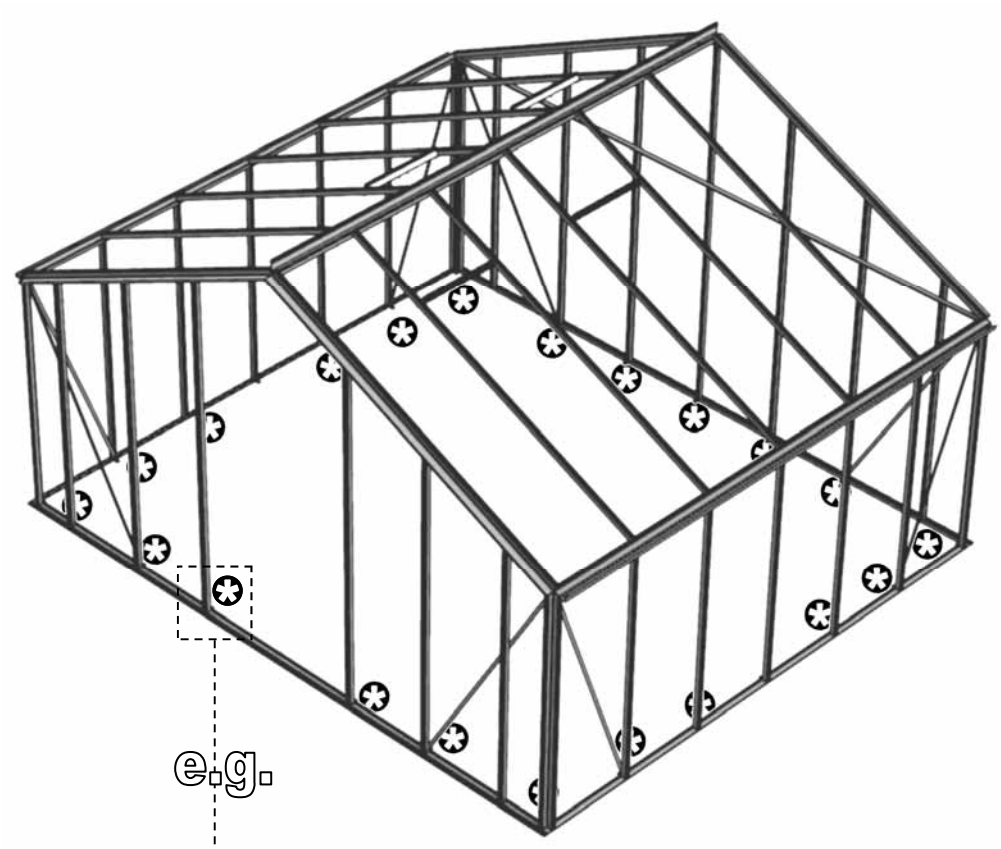




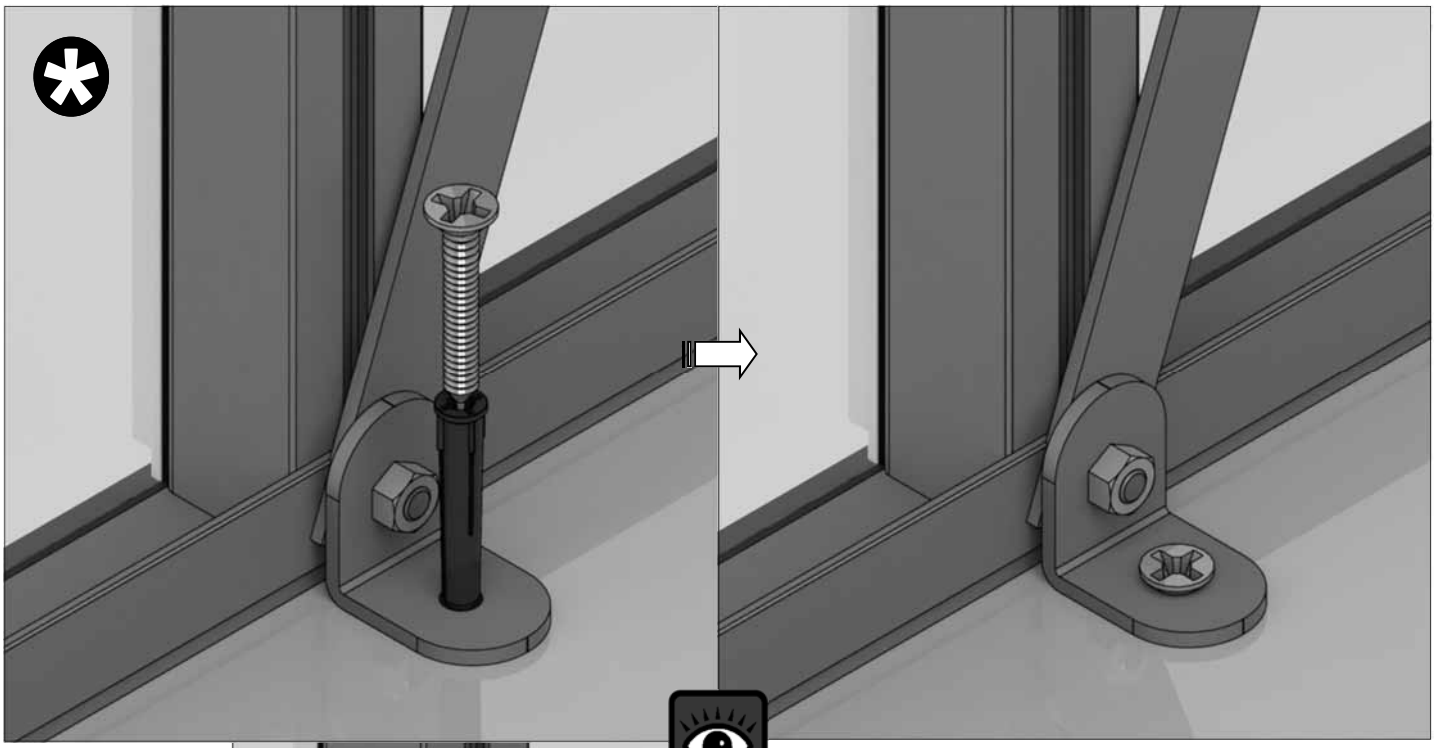


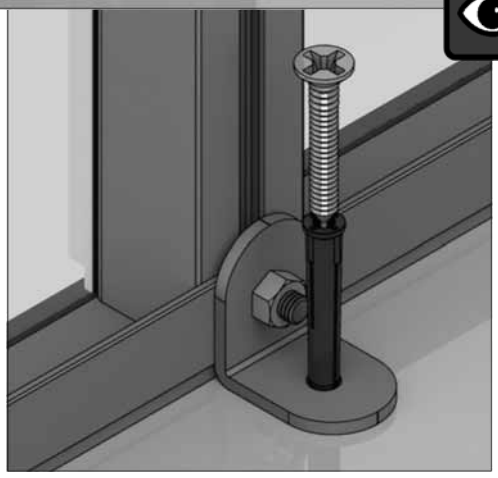
Part No		Q
D745		1
D223/B		1
D748		1
D823		2
D749		1
D833		2



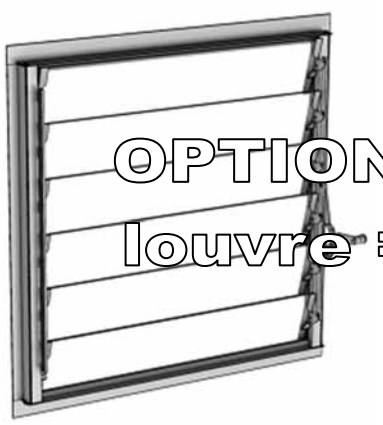


e.g.

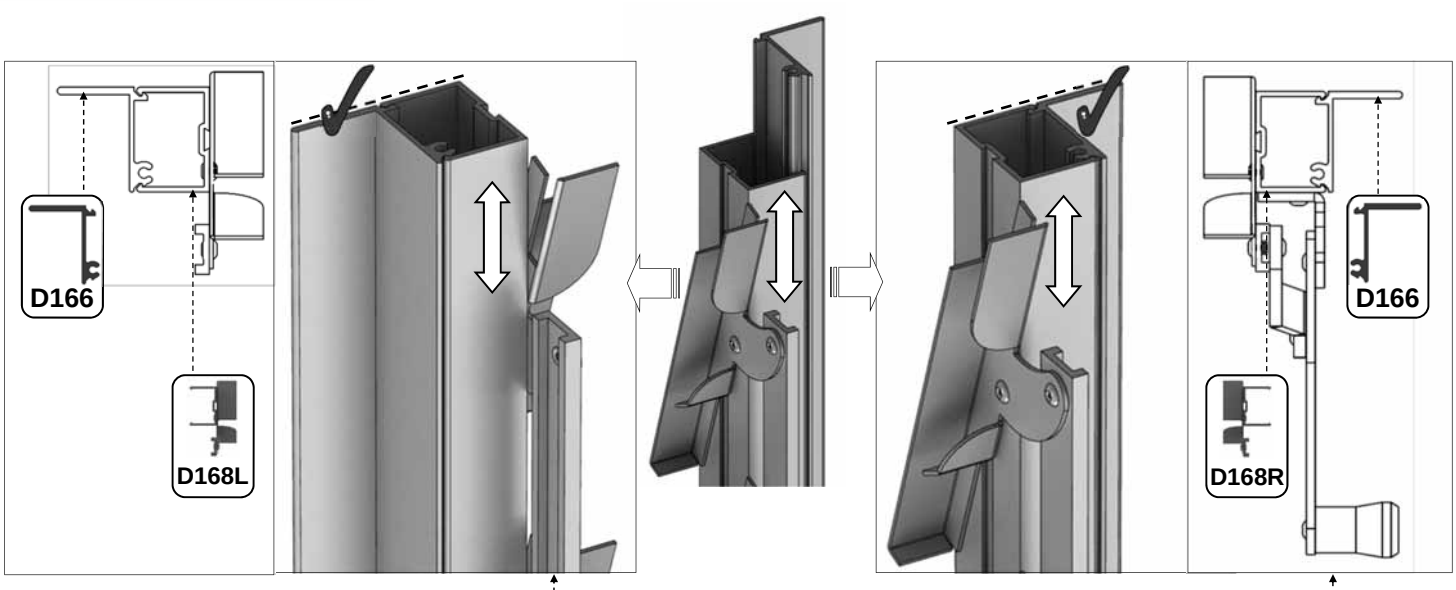


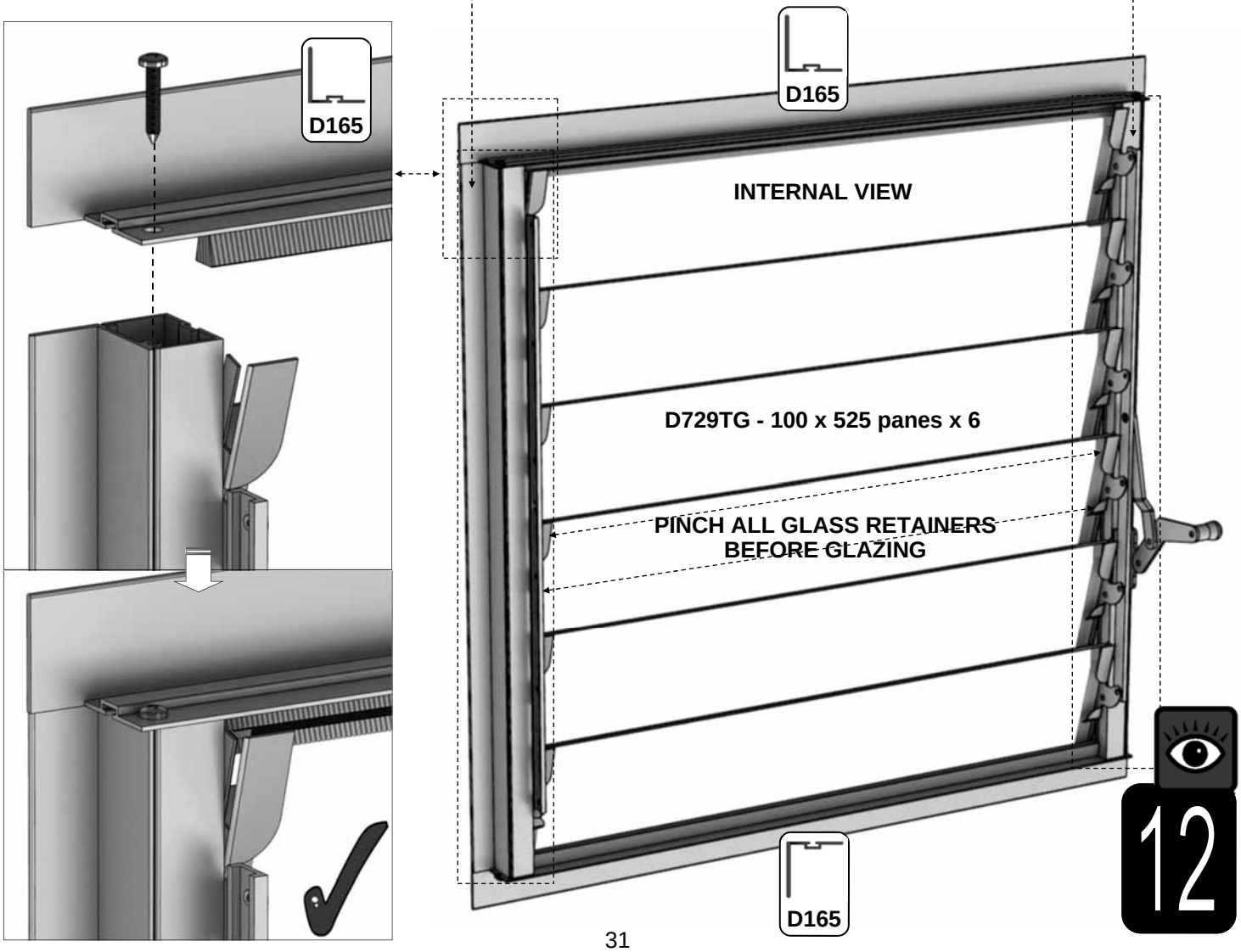


11



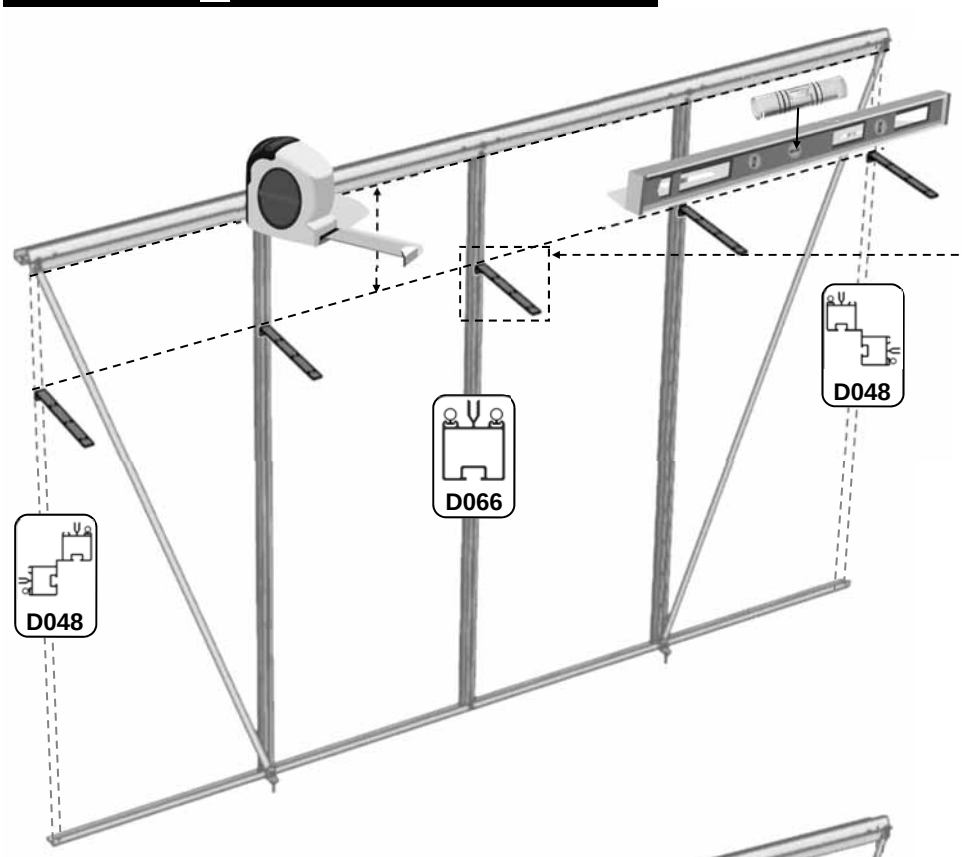
Part No		mm	Quantity
D168L		552	1
D168R (handle)		552	1
D165		612	2
D166		552	2
FS6013		12	4

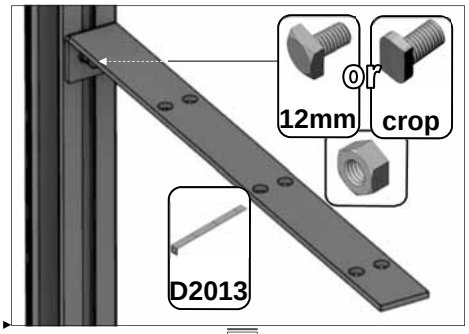


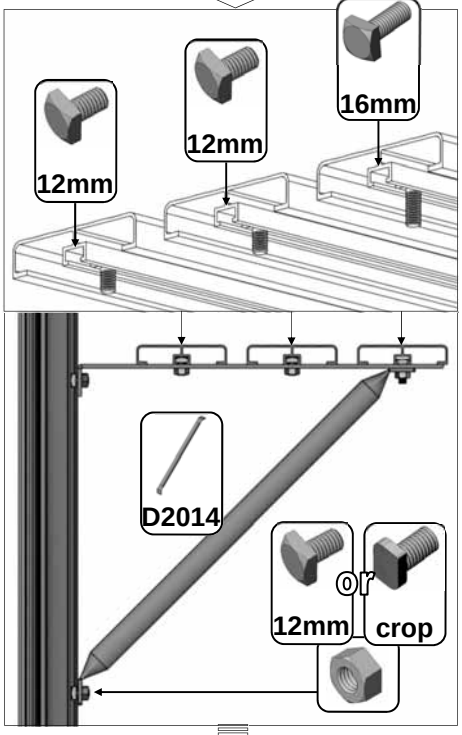


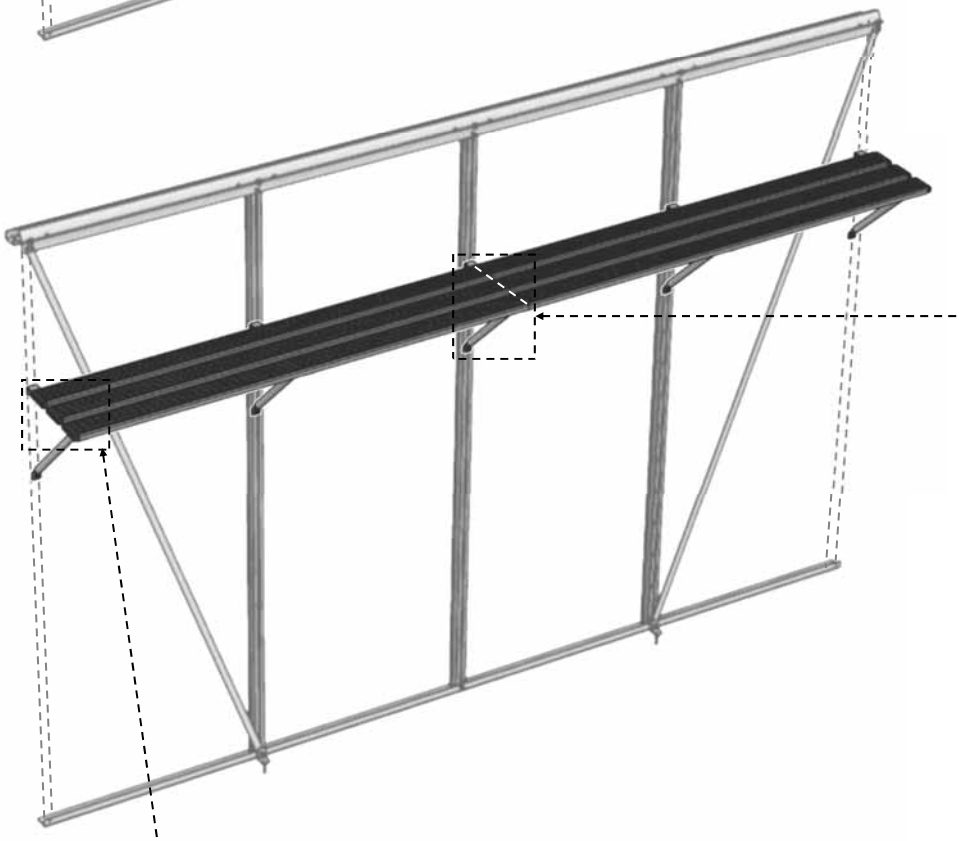
12

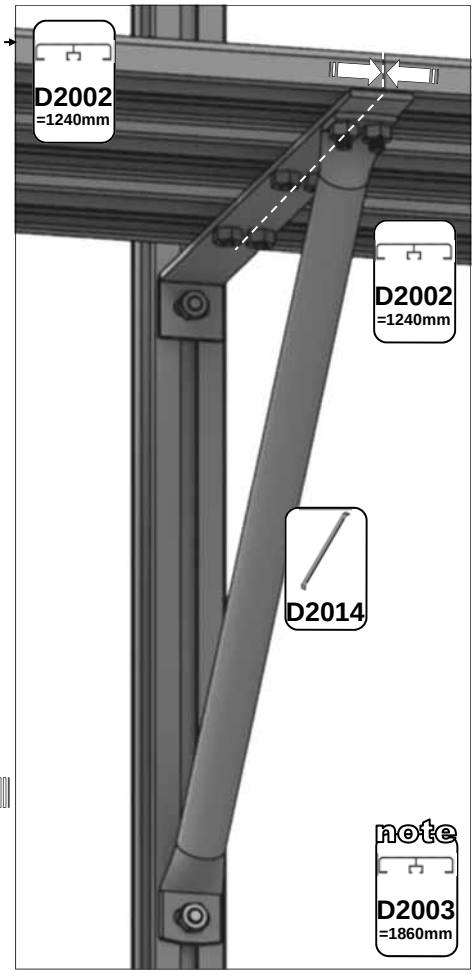
Example: 2x 4' 3 slat shelves 'ST0304' = 8' run

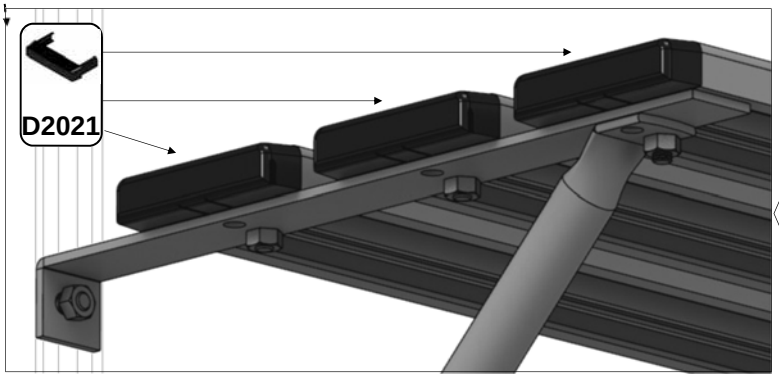






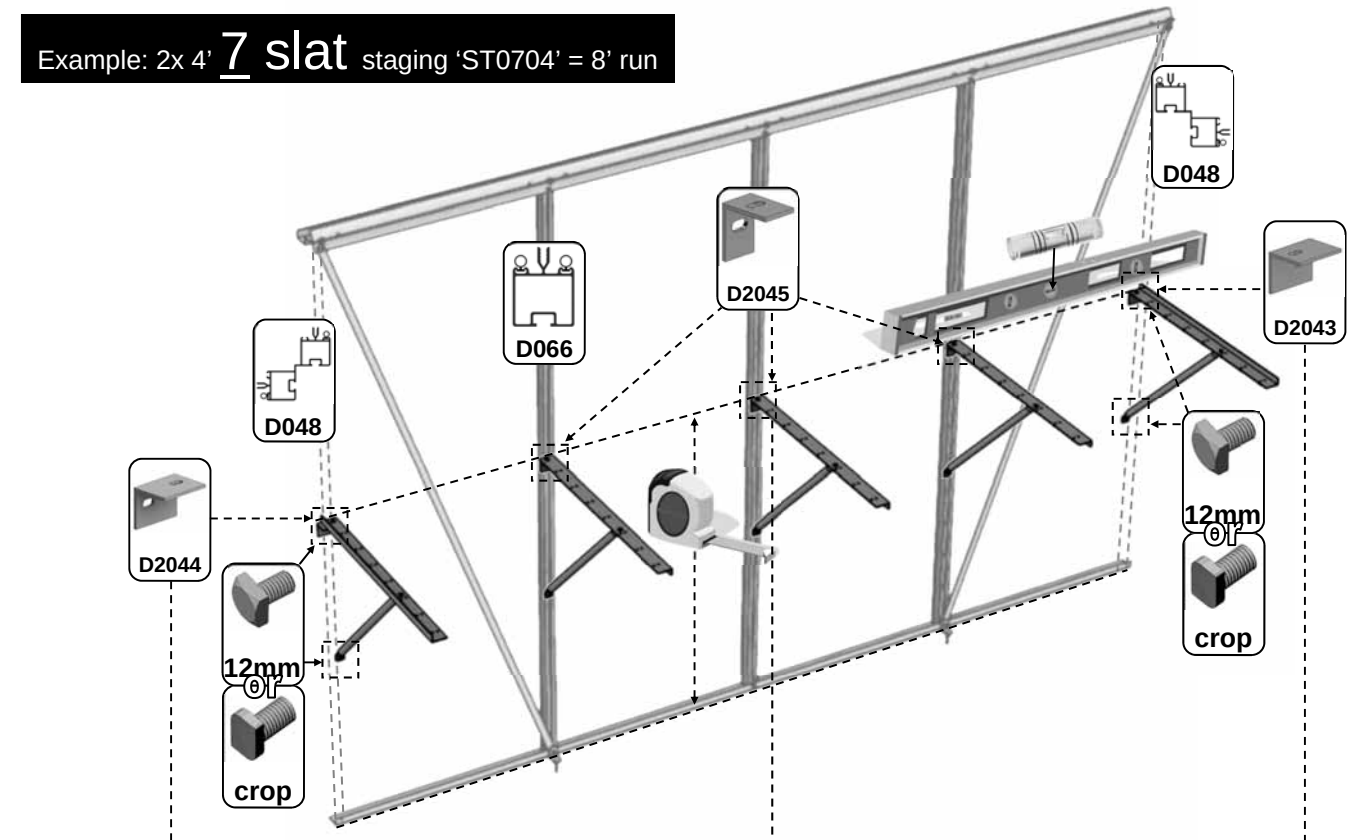


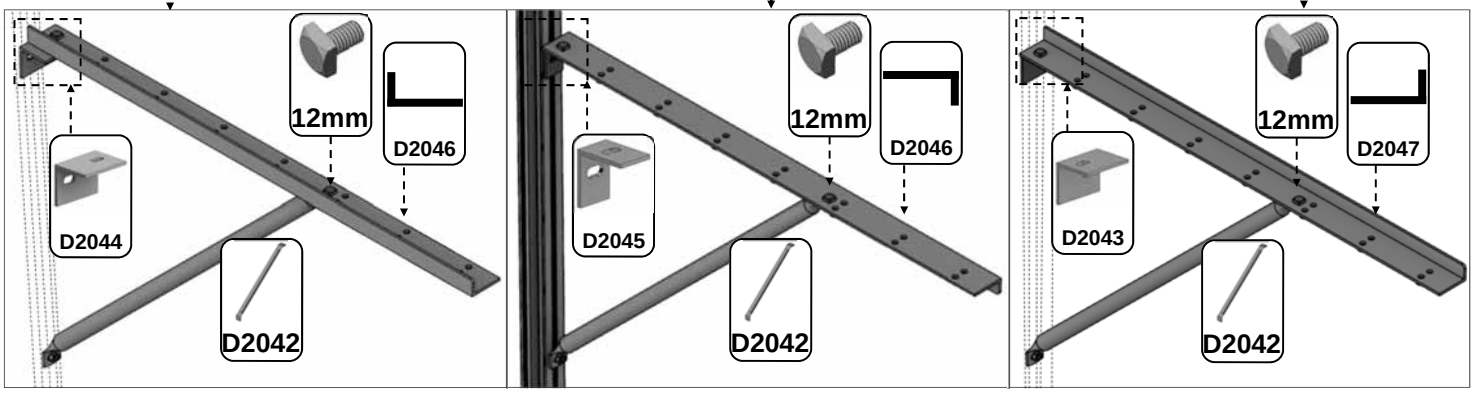


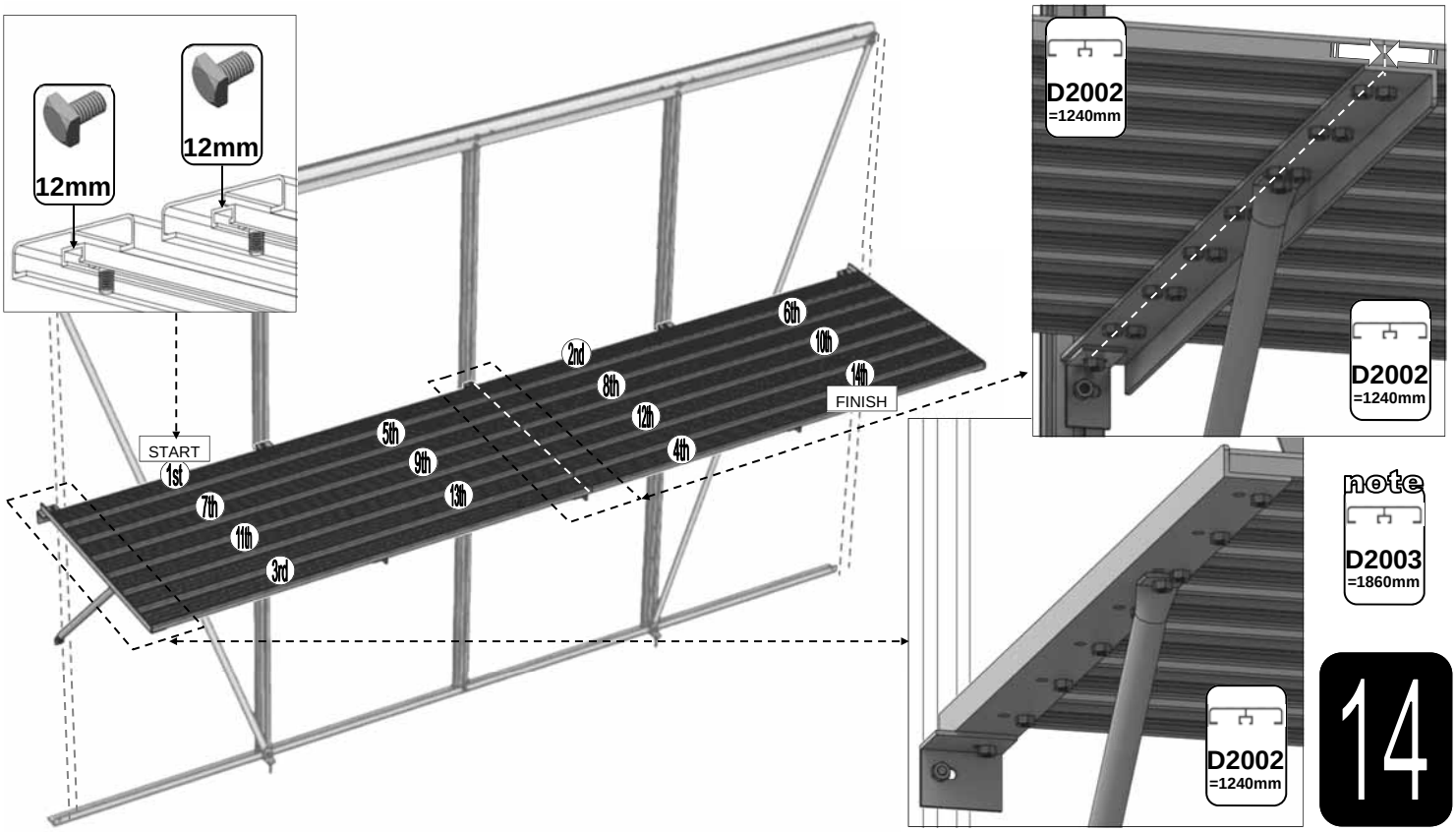


13

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

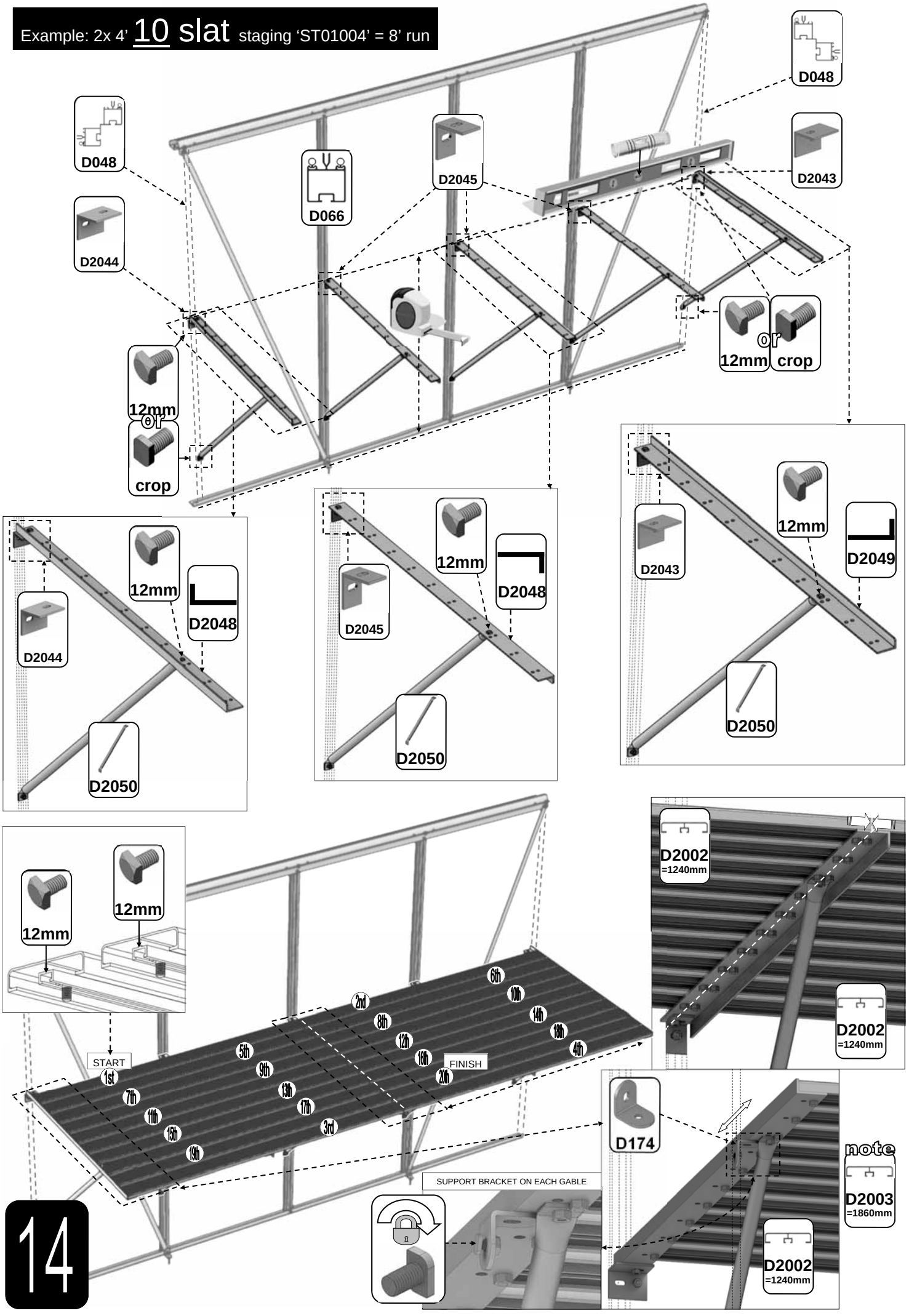




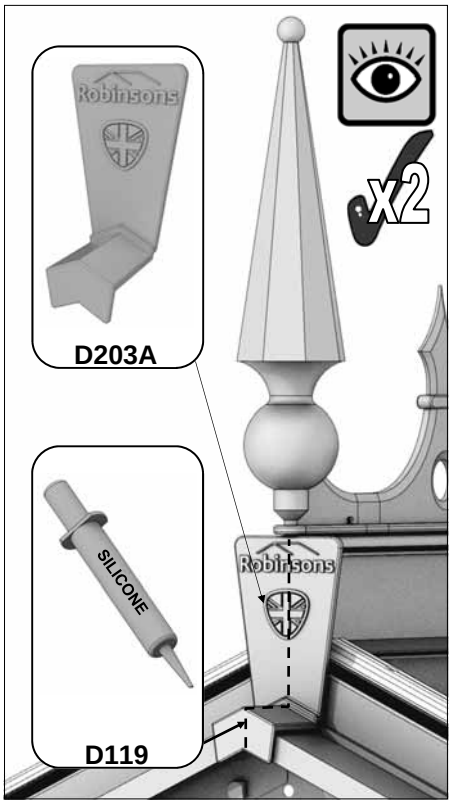


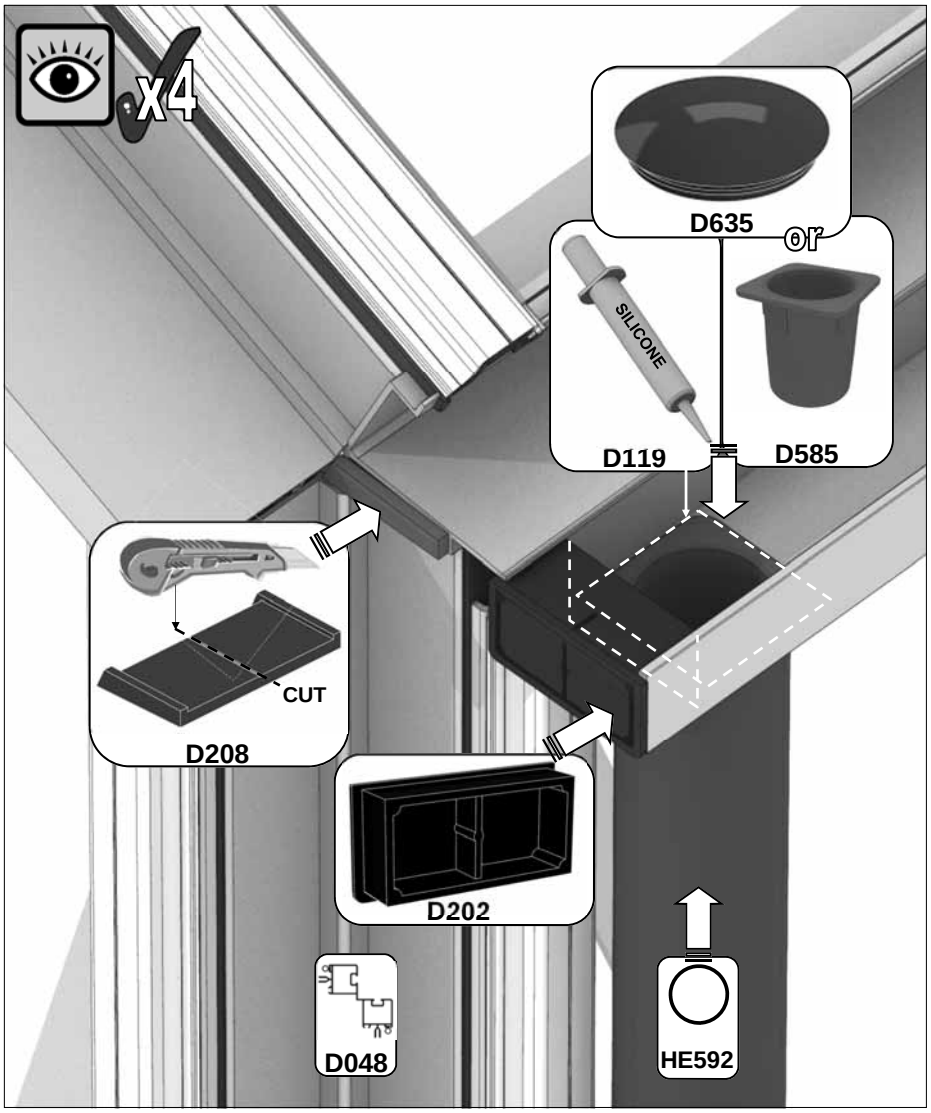
14

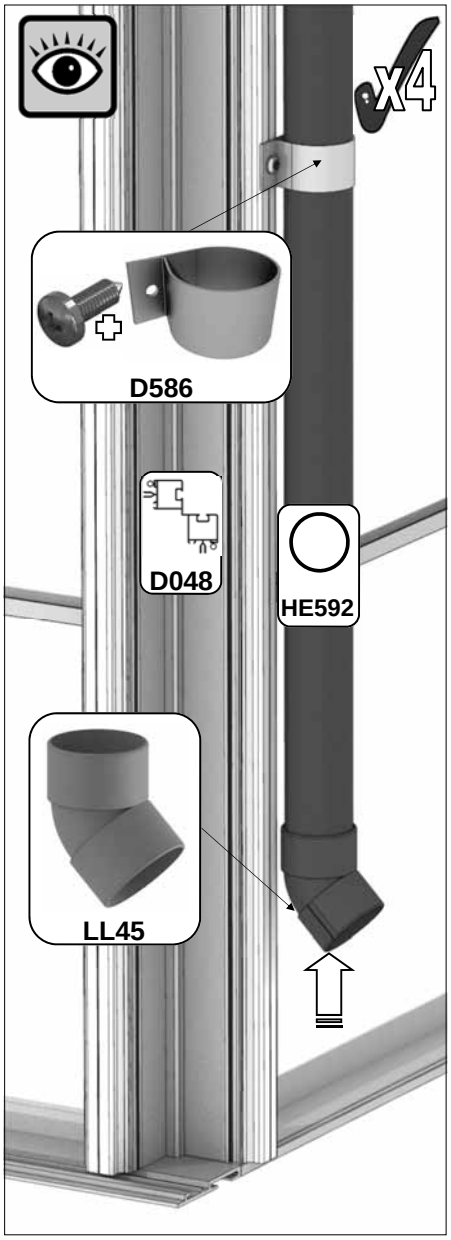
Example: 2x 4' 10 slat staging 'ST01004' = 8' run

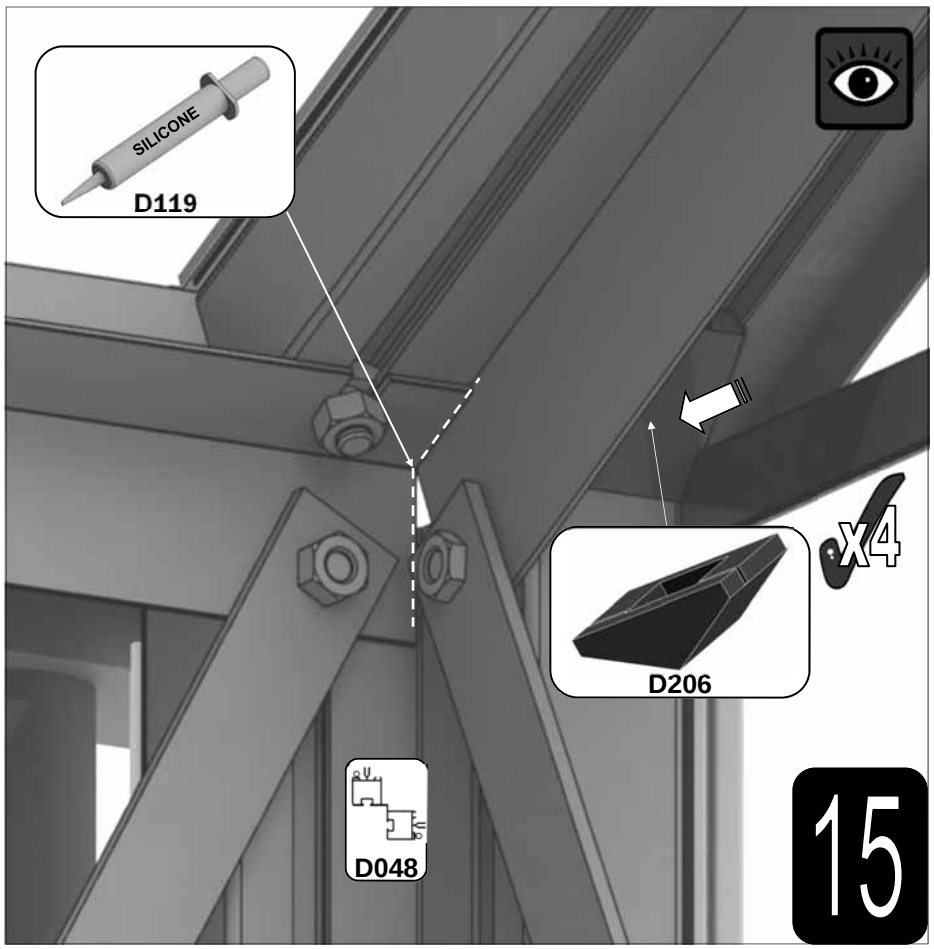


14


x2
D203A
SILICONE
D119

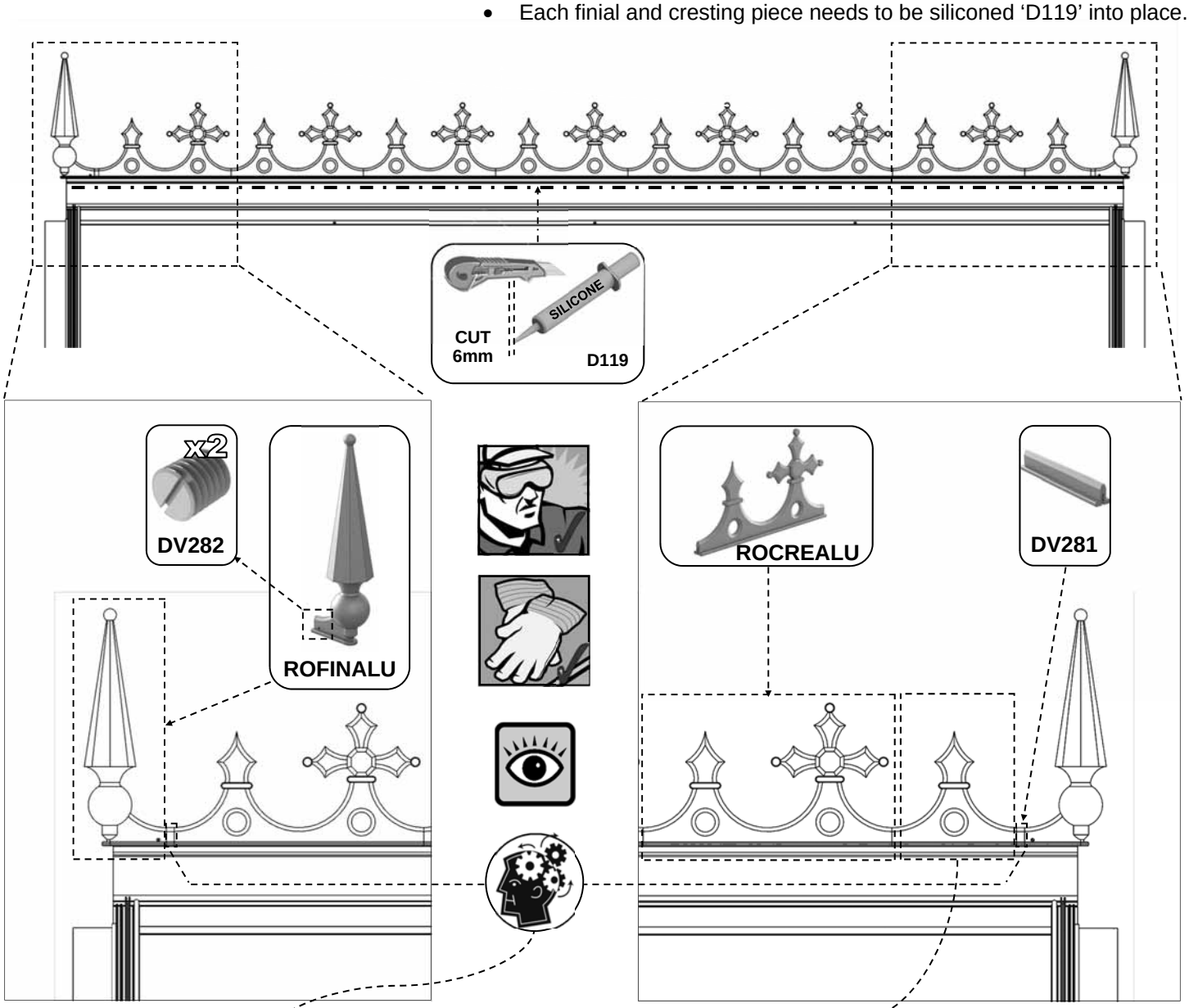

x4
D635
or
SILICONE
D119
D585
CUT
D208
D202
D048
HE592

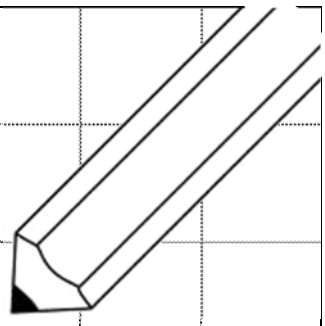

x4
D586
D048
HE592
LL45

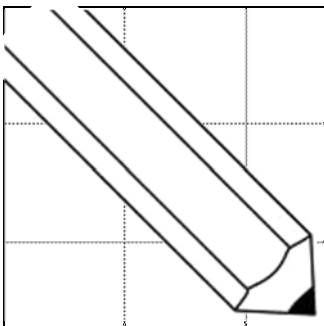

SILICONE
D119
x4
D206
D048
15

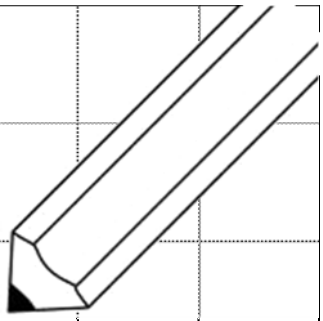
OPTIONAL cresting = {

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









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:_____

_____

Robinsons
ALUMINIUM GREENHOUSES

www.robinsonsgreenhouses.co.uk

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

Our address is Robinsons Greenhouses, Unit 19 Blythe Park, Cresswell, Stoke-on-Trent, Staffordshire, ST11 9RD