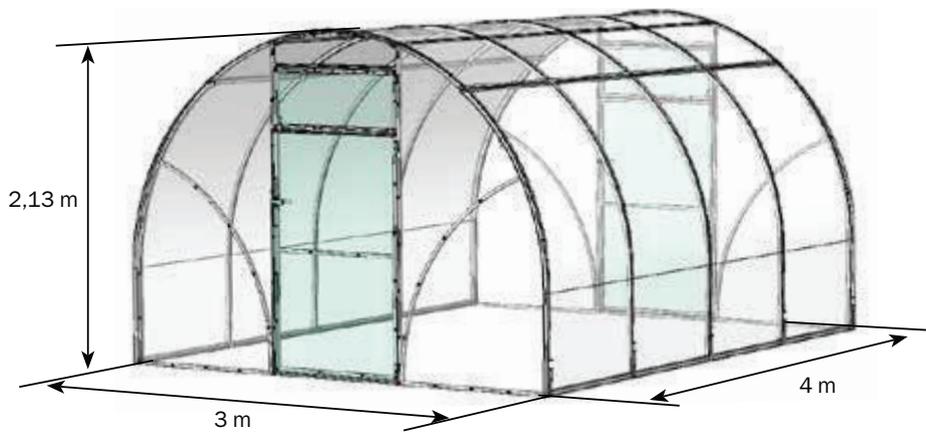


DANCOVER[®]



Manual
for
Greenhouse
TITAN Arch 90



! Follow the greenhouse assembly instructions and use it in strict accordance with the manual and operating rules stated in the technical certificate. Please keep the technical certificate for further reference.

DISCRIPTION

The greenhouse “TITAN Arch 90” is designed to create the climate, which is productive to grow horticultural crops on the garden plots.

The greenhouse can be of different length depending on customer’s wish. Required length of the greenhouse is provided with the purchase of added kits of stretching out blocks. Every block stretches out the baseline model per 2 meters. The length of the baseline model is 4 m. The height of the set up frame is 2.1 m.

The frame of the greenhouse is made of square galvanized pipe and it is assembled with the studs, screws, nuts. The kit includes everything you need to fasten the covering. Assembling set of the greenhouse covering is available on customer’s request. The baseline model needs 3 polycarbonate sheets 2.1*6 m with 4mm gauge. Every block needs one polycarbonate sheet 2.1*6 m

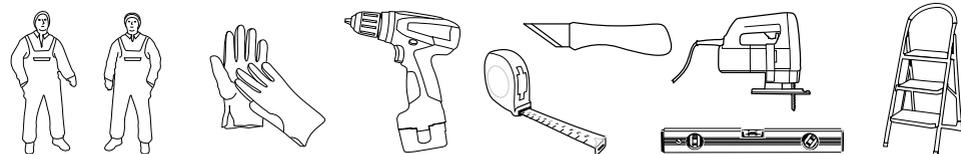
Operating rules

The greenhouse should be assembled and installed according the instruction. The buyer should control the assembly quality if it is made by third person.

Do not install the greenhouse close to the houses or threes which can cause the snow or ice stircide. The recommended distance is no less than 2 meters long.

The greenhouse is designed to endure the wind of less than 24 m/s.

If the greenhouse in not looked after during winter, the customer should determine the possible snow load or to skin the covering. The limit snow load takes place when the weight of the snow blanket is 130 kg/1m2 of horizontal ground surface for the full optional frame (baseline model: arc interval is 1 m long). The limit snow load 200kg/1m2 is for the gained quantity of the arcs (the interval of the arc is 0.65 m).



Cleaning and washing of the polycarbonate sheets

1. Swill the sheets with warm water.
2. Wash the sheet with a solution of mild soap or household detergent and warm water, using a soft cloth or sponge to remove dirt.
3. Swill with cold water and dry with soft rag.

Never use abrasives or highly alkaline cleaning compositions for cleaning polycarbonate sheets. Dry rubbing of the surface will damage the protective layer of the cladding and shorten its application time. Never rub the surface of polycarbonate sheets with brushes, metallic cloth or other abrasive materials.

When disinfecting the greenhouse from pathogens causing fungal and bacterial diseases, do not use “sulfur blocks” to avoid frame corrosion (blackening).

Warranty

1. The manufacturer shall be responsible for completeness of the package.
2. The manufacturer shall be responsible for assemblability of the greenhouse in accordance with the Assembly Instruction.
3. The manufacturer shall be responsible for structural integrity within the frames of the Operating Rules.
4. The term for a claim is 24 months from the date of purchase.

Warranty liability

Warranty liabilities do not apply to cases of:

1. The greenhouse installation with violation of requirements of the manual
2. The violation of the operating rules.
3. Inappropriate use of the greenhouse.
4. The evidence that indicates corrosion on the cut of the details which do not influence the operational characteristics of the construction.
5. The deformation of the greenhouse under the show due to operational characteristics violation.
6. The deformation of the greenhouse due to soil movement.
7. Floods, hurricanes and other natural disasters.

The manufacturer reserves the right for greenhouse engineering design changes.

KITTING OF PARTS FOR ASSEMBLY. BASELINE MODEL.

BOX 1

5	Door block ready-assembled		x 2
6	Right side-frame of butt end		x 2
7	Left side-frame of butt end		x 2
8	Upwardmost arc ready-assembled		x 2

KITTING OF PARTS FOR ASSEMBLY. BASELINE MODEL.

BOX 2

1	Package header 20x20		x 4
1-1	Package header 25x25		x 10
2	Uppermost bearer		x 12
2-1	Bottom bearer		x 16
3	Mountain base		x 14
4B	Uppermost arc		x 3
4H	Bottom arc		x 6

KITTING OF PARTS FOR ASSEMBLY. BASELINE MODEL.

BOX 2

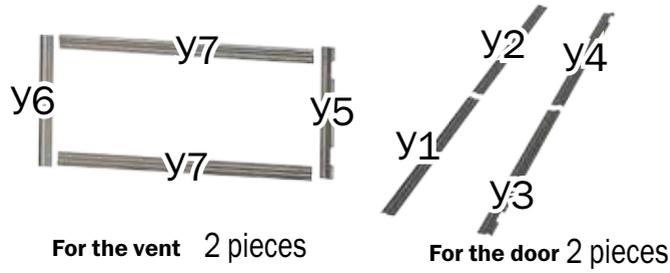
9	Inner binder		x 21
10	External binder		x 21
11	End binder		x 14
12	Uppermost strip belt-line		x 5
13	Bottom strip belt-line		x 10
14	End-most hold-down L-1050 mm	 	x 4
14-1	Hold-down L-1000 mm	 	x 4
15	Scotch tape		x 1
16	Double-sided scotch tape		x 1

KITTING OF PARTS FOR ASSEMBLY. BASELINE MODEL.

BOX 2

17	Screw M4x8		x 56
18	Screw M4x25		x 16
19	Screw M6x50		x 4
20	Screw M6x60		x 10
21	Nut M4		x 72
22	Nut M6		x 14
23	Washer 5		x 164
24	Washer 6		x 20
25	Self reaming tapping screw 4,8x19		x 256
26	Locking set (drop latches with nuts M5)		x 2
27	Door handle set (lock catch, liner, washer, squarely mould core, two handles)		x 2

Strips: added package (optional)



KITTING OF PARTS FOR ASSEMBLY. OPTIONAL FRAME.

BOX 1

1-1	package header 25x25 	x 4
2	Uppermost bearer 	x 6
2-1	Bottom bearer 	x 8
3	Mountain base 	x 4
4B	Uppermost arc 	x 2
4H	Bottom arc 	x 4

KITTING OF PARTS FOR ASSEMBLY. OPTIONAL FRAME.

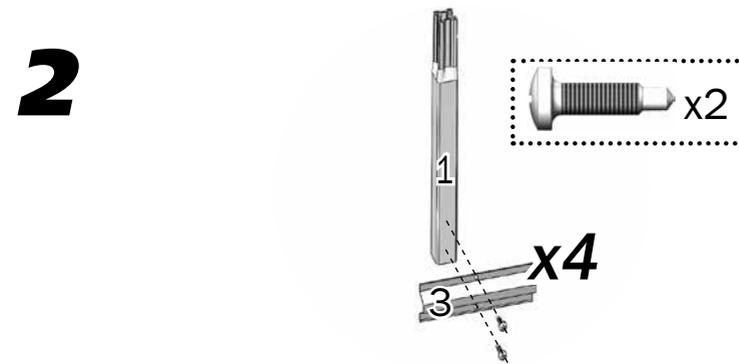
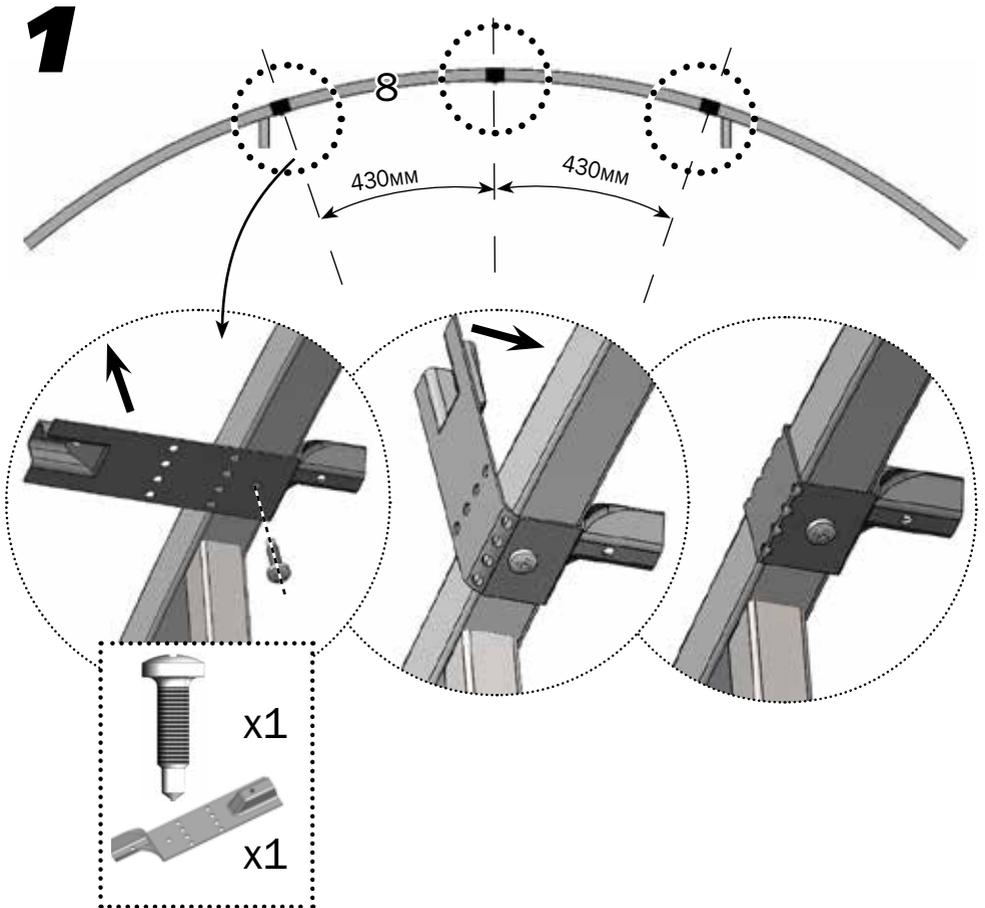
BOX 1

9	Inner binder 	x 14
10	External binder 	x 14
12	Uppermost strip belt-line 	x 2
13	Bottom strip belt-line 	x 4
14-1	Hold-down 	x 4
15	Scotch tape 	x 1
16	Double-sided scotch tape 	x 1

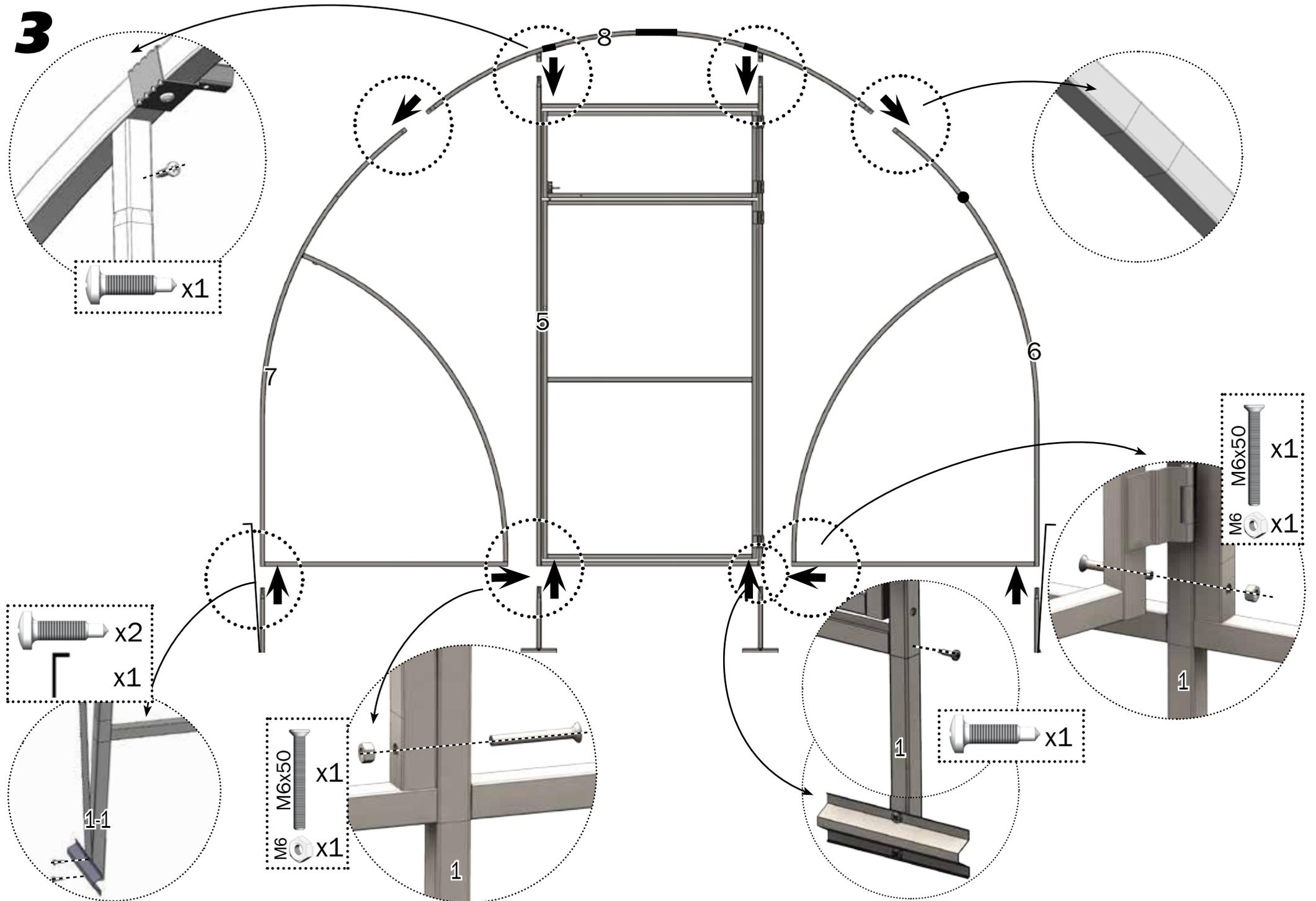
KITTING OF PARTS FOR ASSEMBLY. OPTIONAL FRAME.

BOX 1

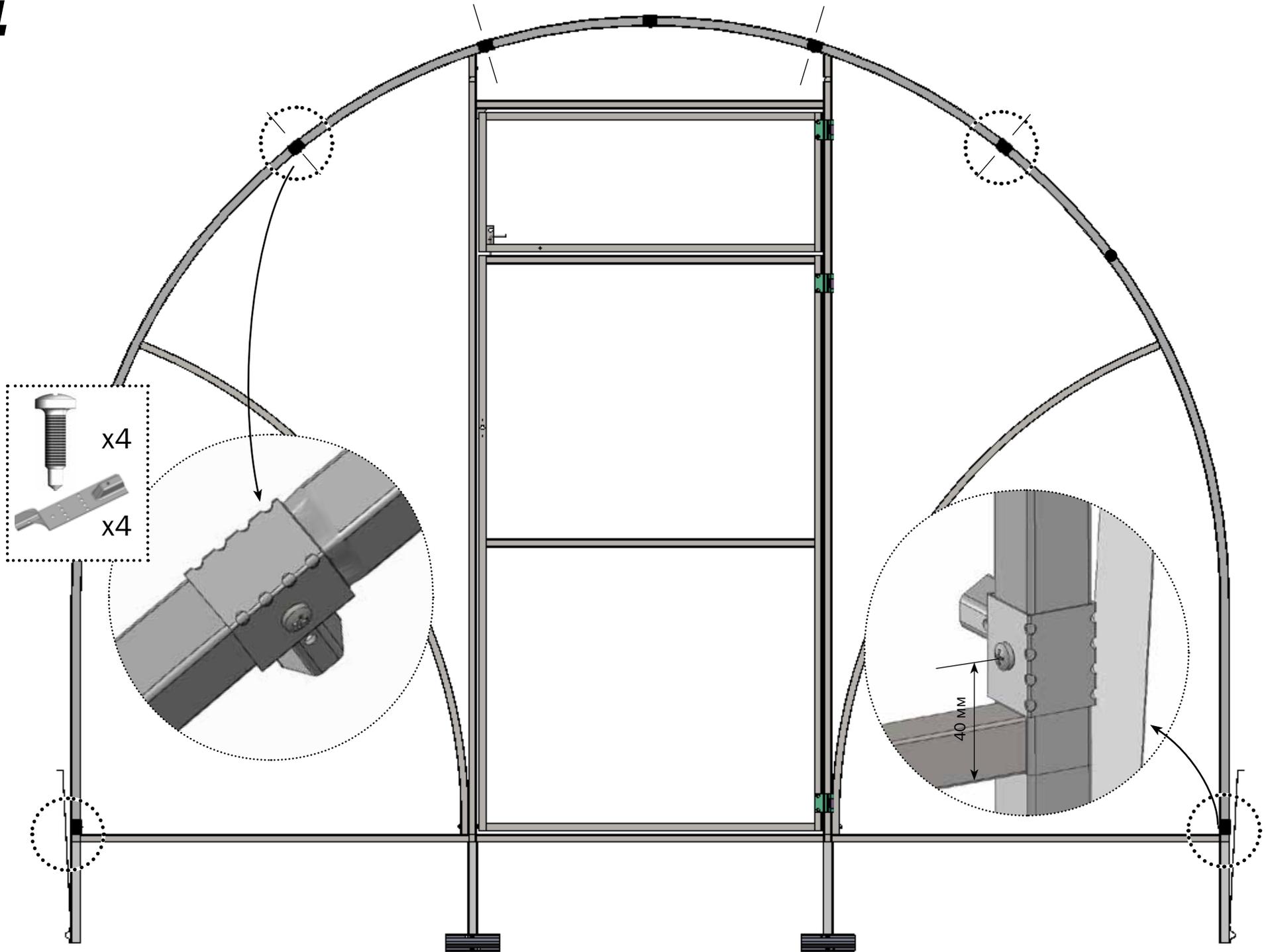
17	Screw M4x8		x 28
18	Screw M4x25		x 8
20	Screw M6x60		x 4
21	Nut M4		x 36
22	Nut M6		x 4
24	Washer 6		x 8
25	Self reaming tapping screw 4.8*19		x 22



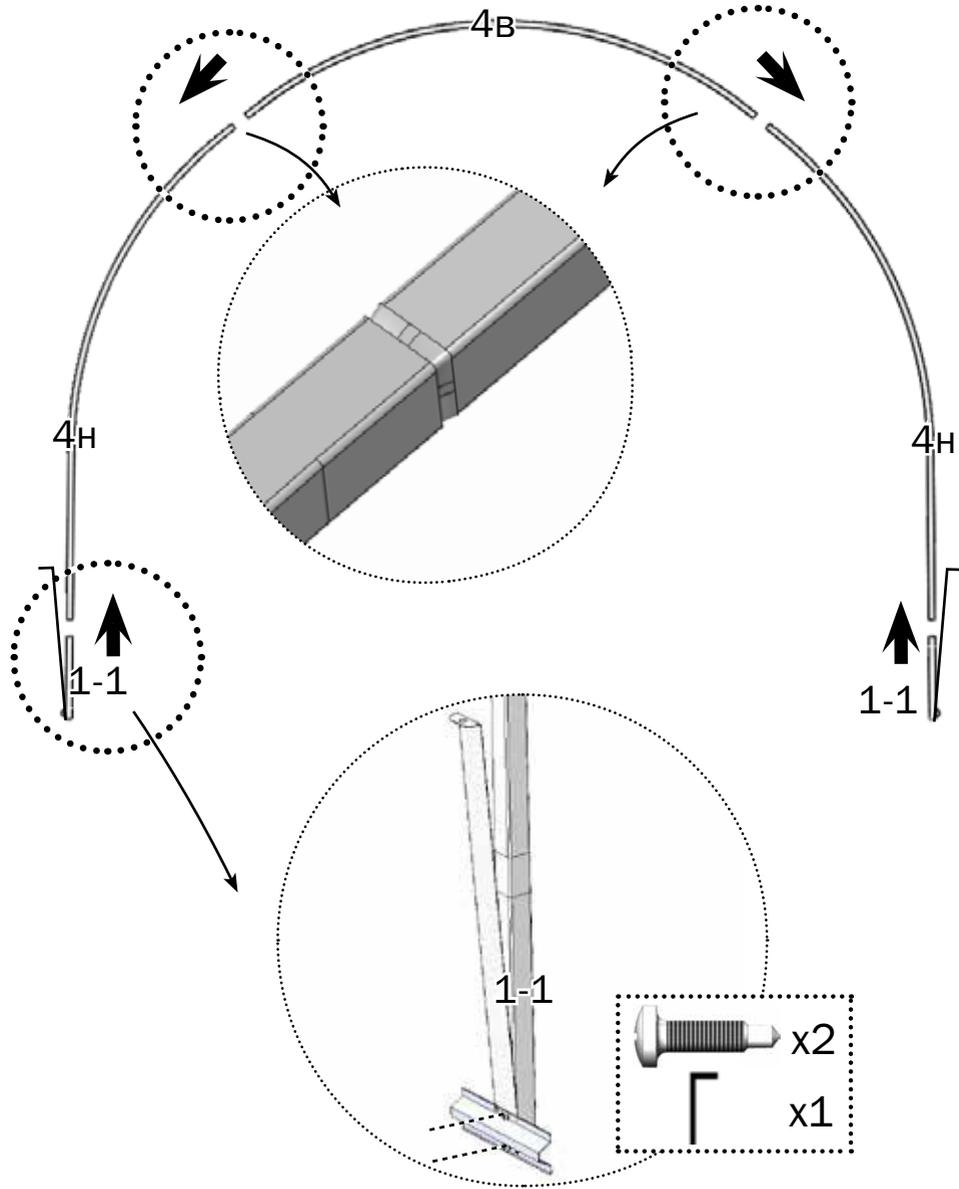
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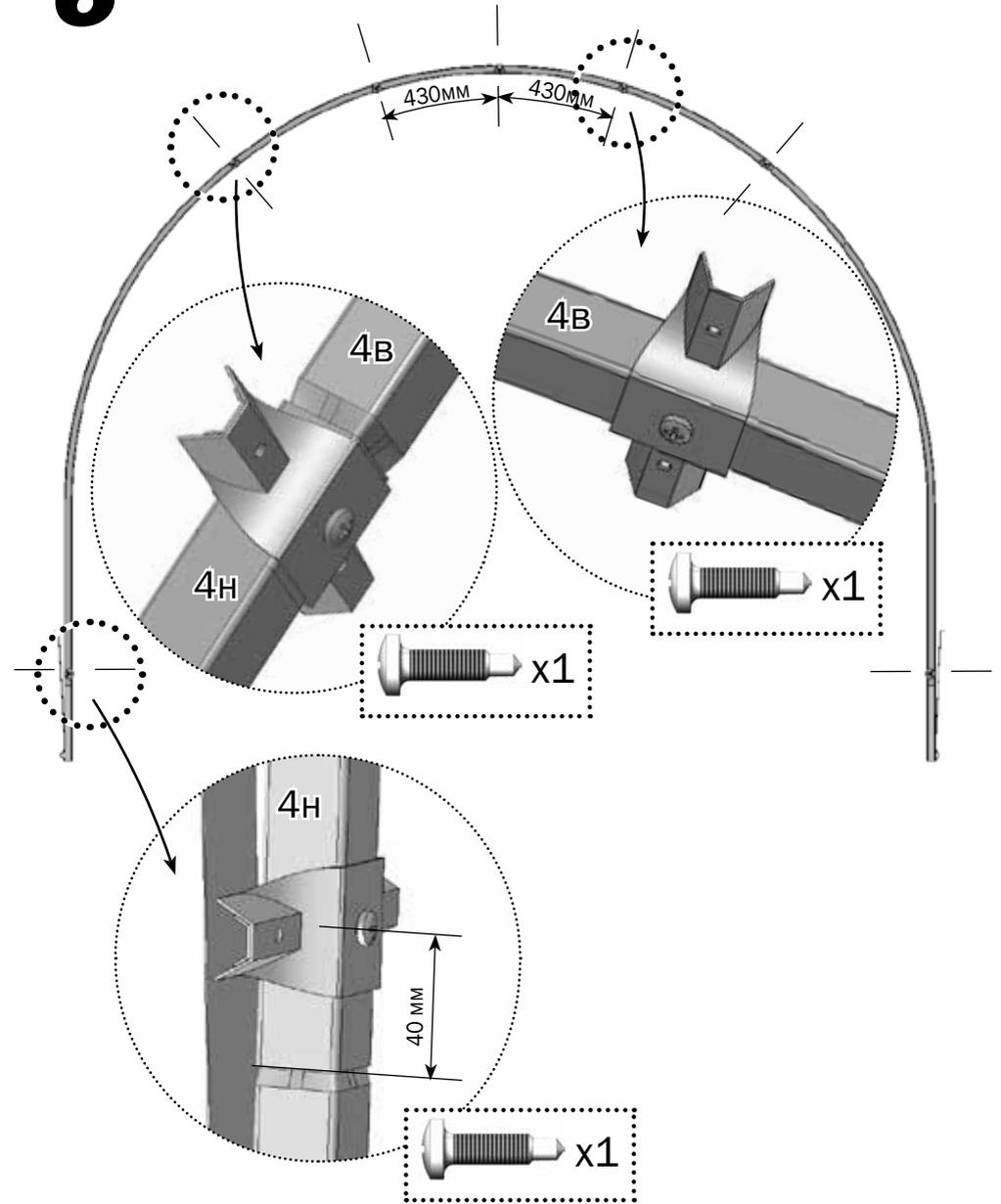
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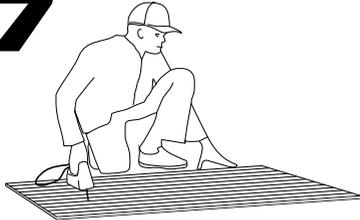
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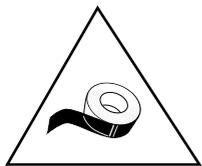
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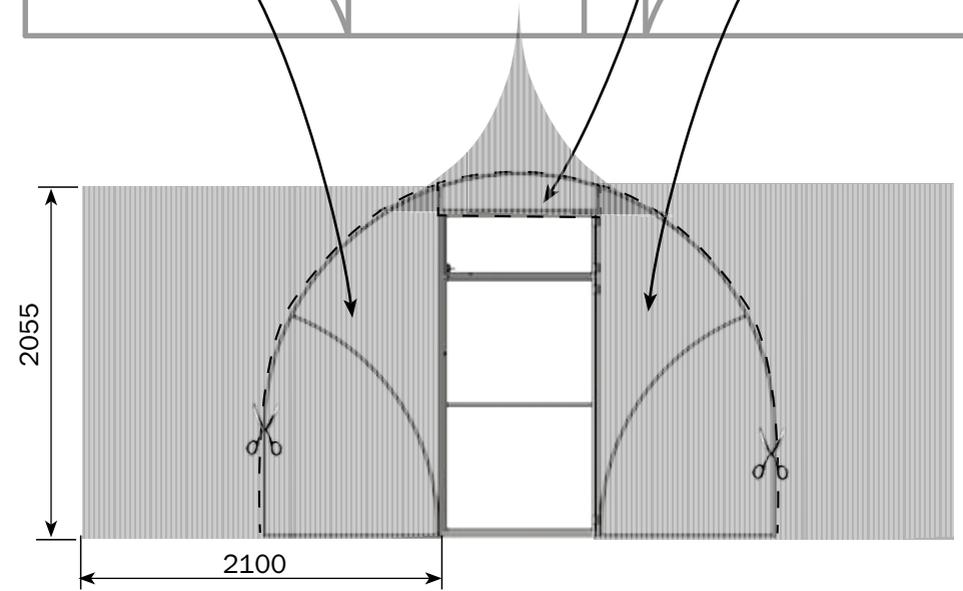
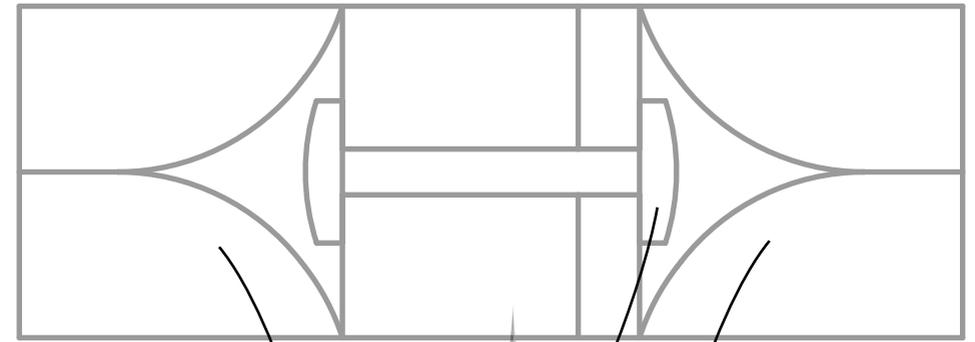
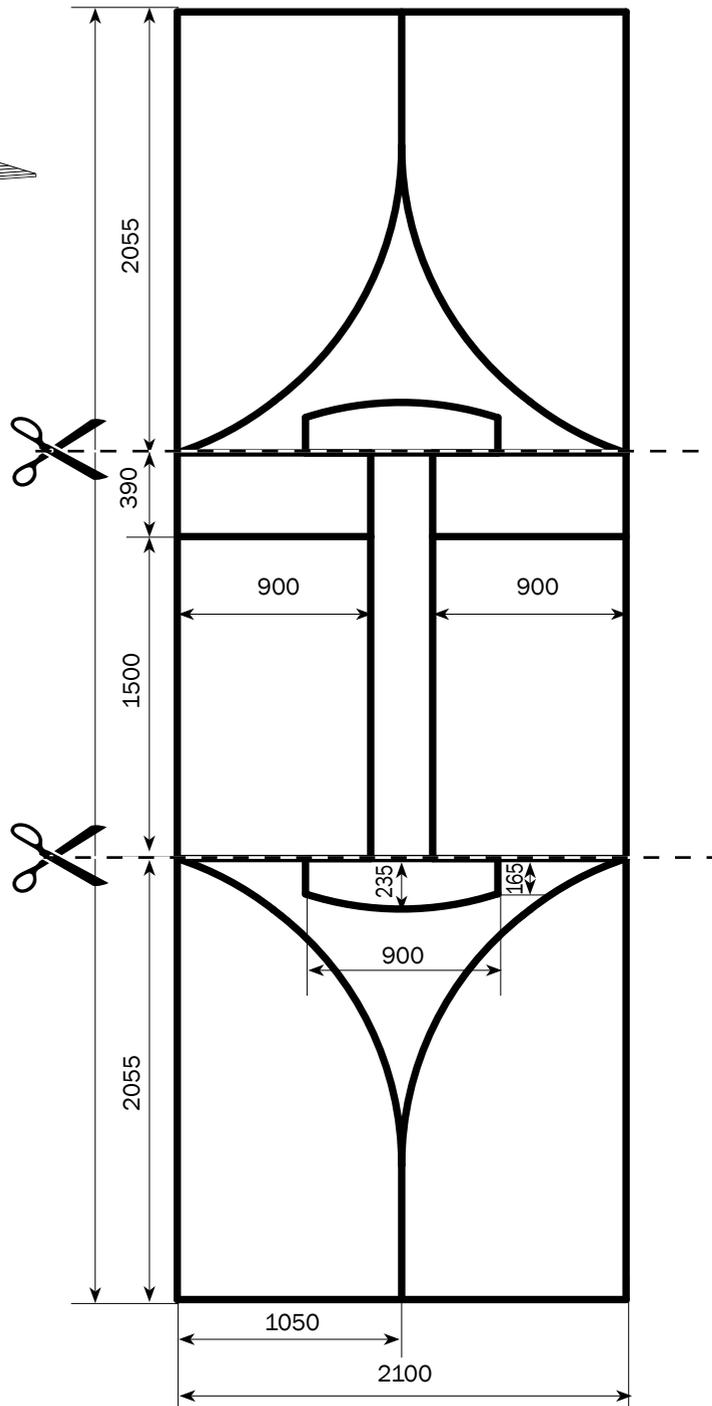
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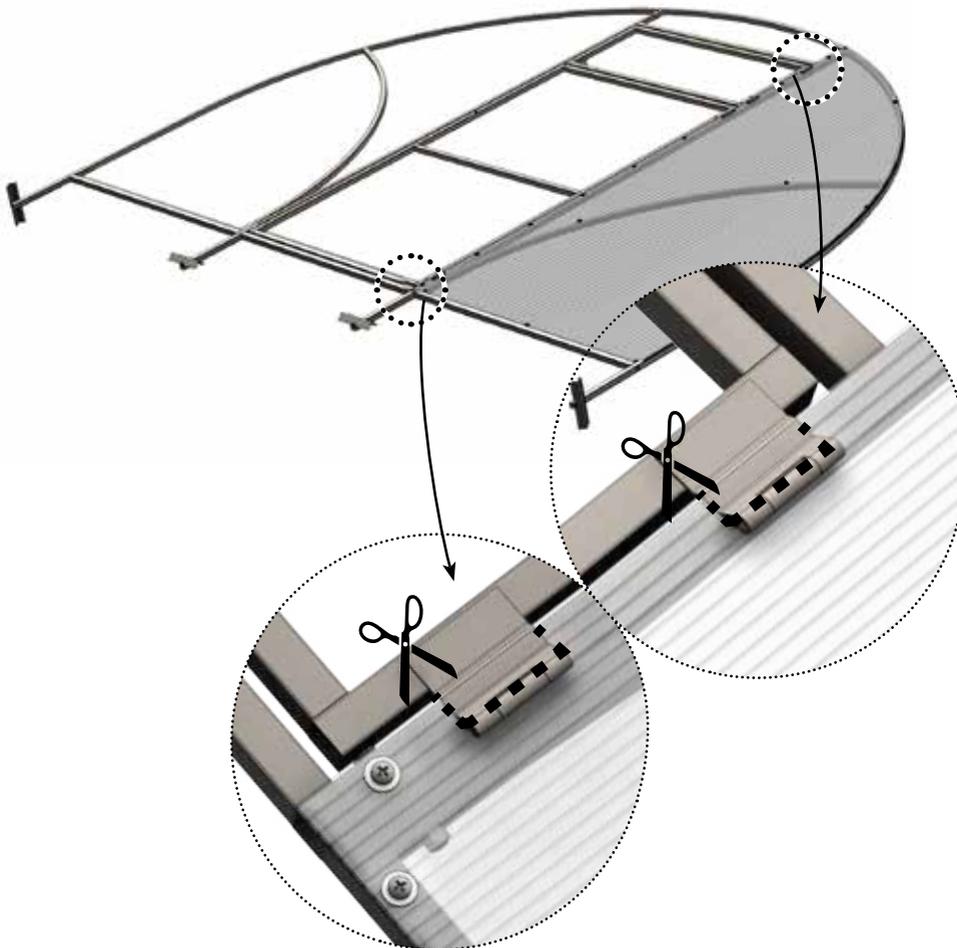
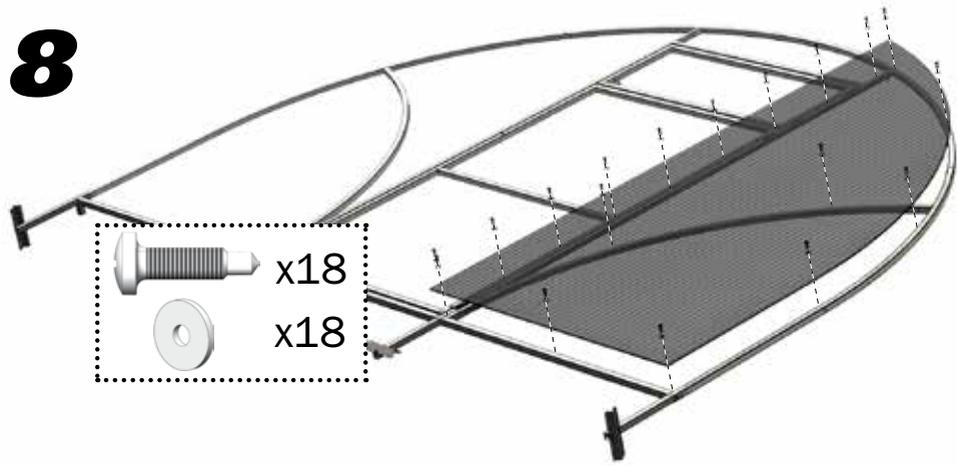
The UV-resistant side of polycarbonate sheets must face outside (sunward). The UV-resistant side is usually indicated with notations on the shipping plastic film. The UV-resistant side is usually indicated with notations on the shipping plastic film. The film is transparent on the back side of the polycarbonate sheet. After marking the polycarbonate sheets, but prior to cutting it, mark the UV-resistant side on every piece of polycarbonate sheet: when the shipping film is removed both sides look similar. The shipping film is removed from both sides shortly before fastening the covering in the frame.



Tape scotch on the cut sides of the polycarbonate sheets.

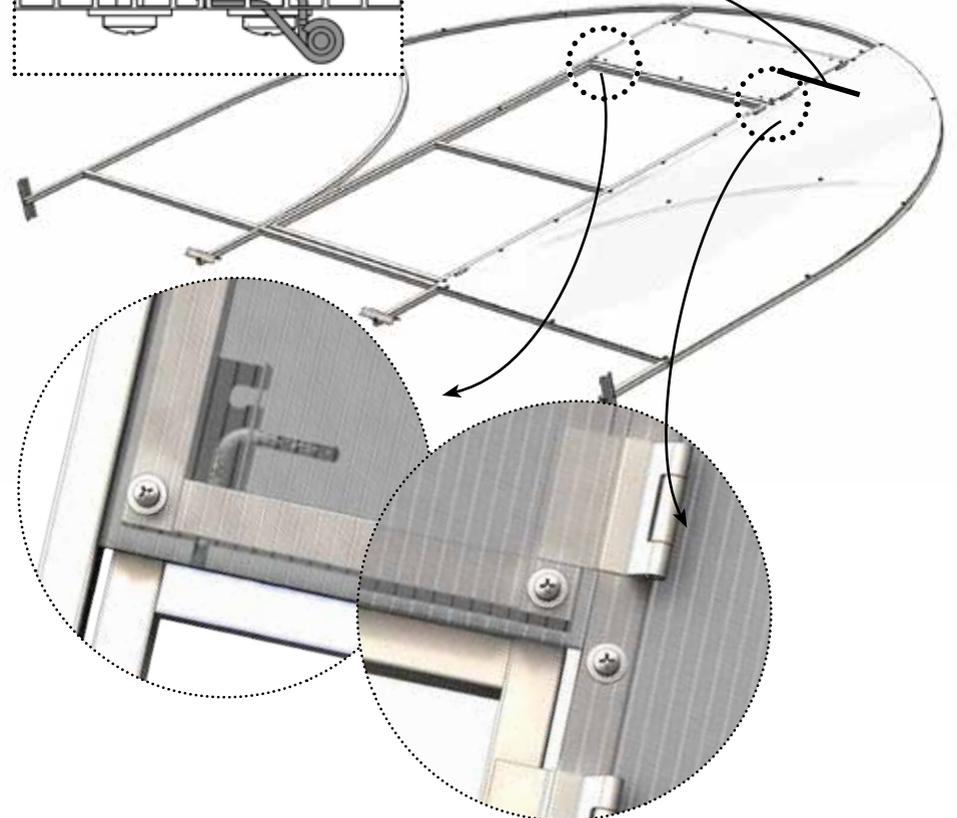
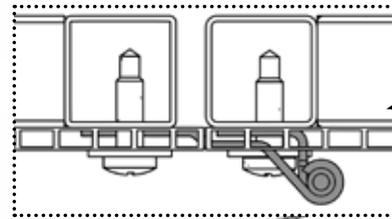
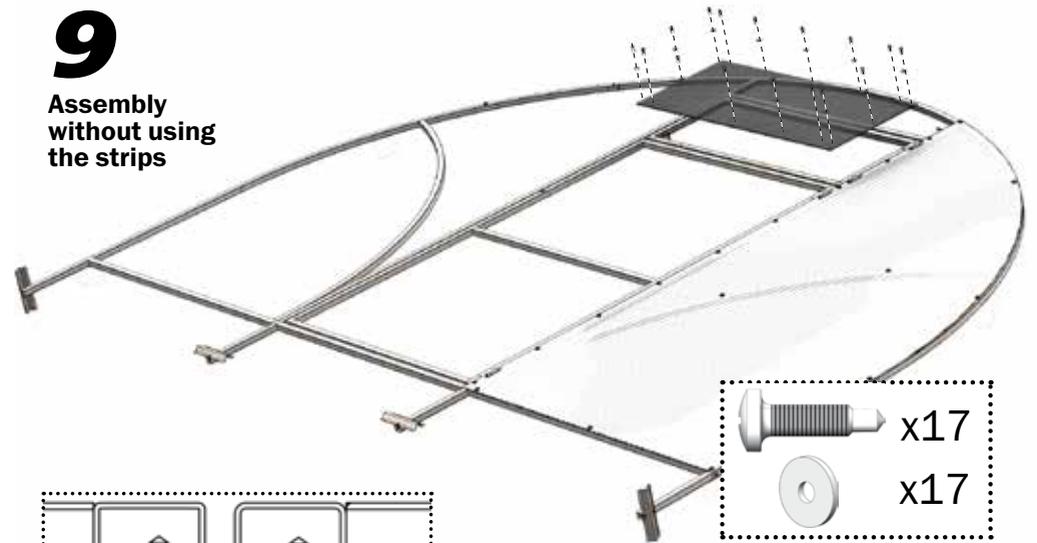


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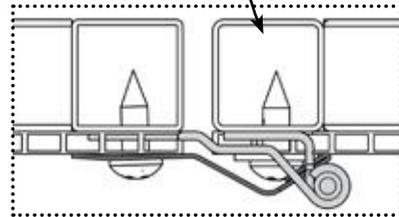
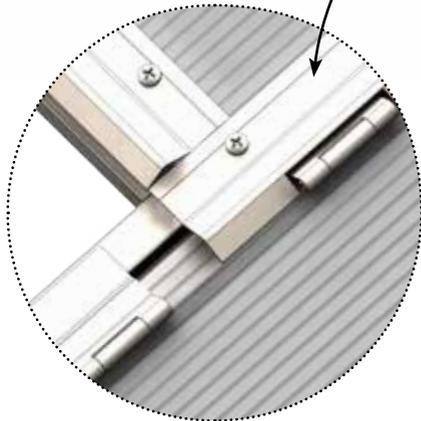
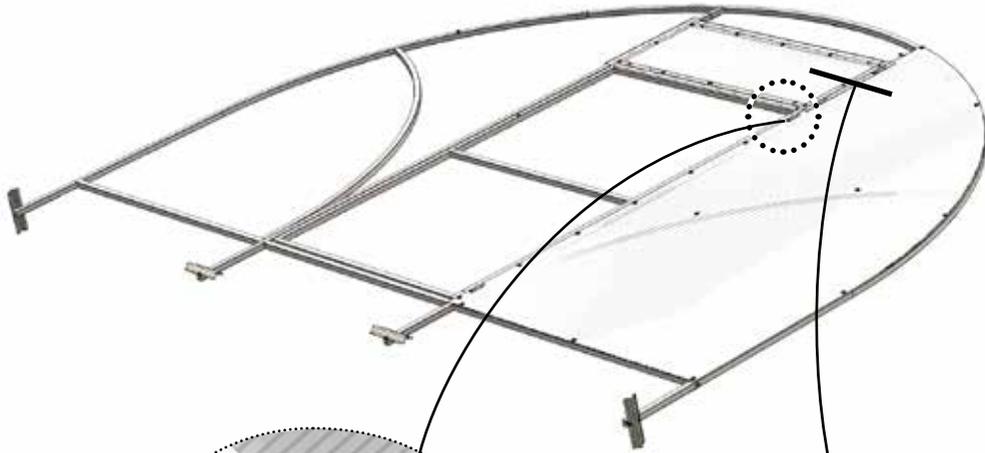
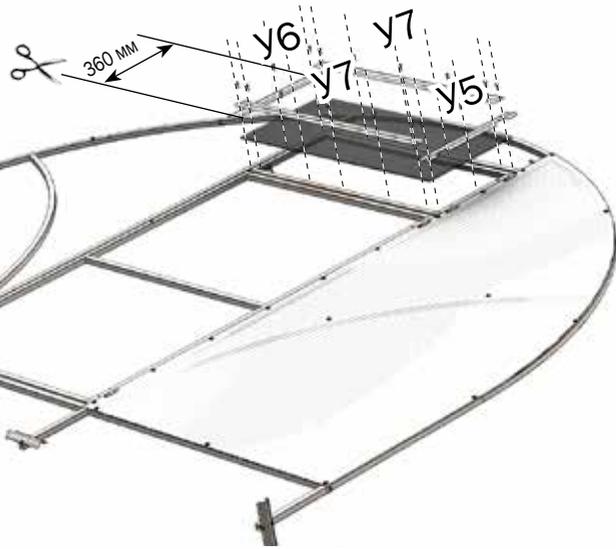
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Assembly without using the strips



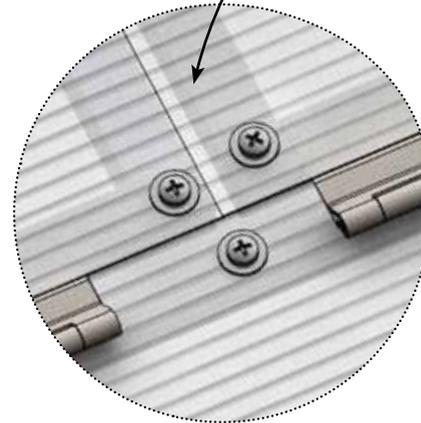
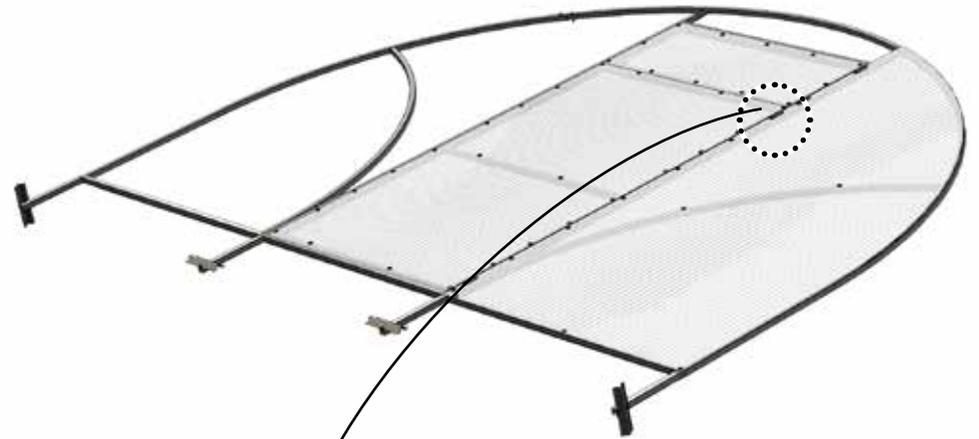
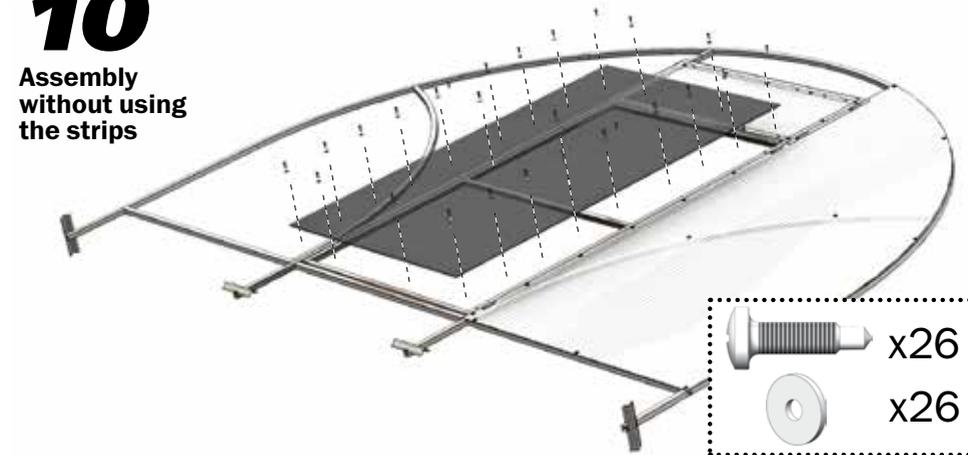
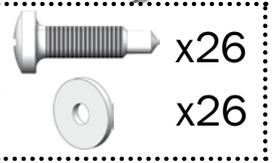
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Assembly using the strips



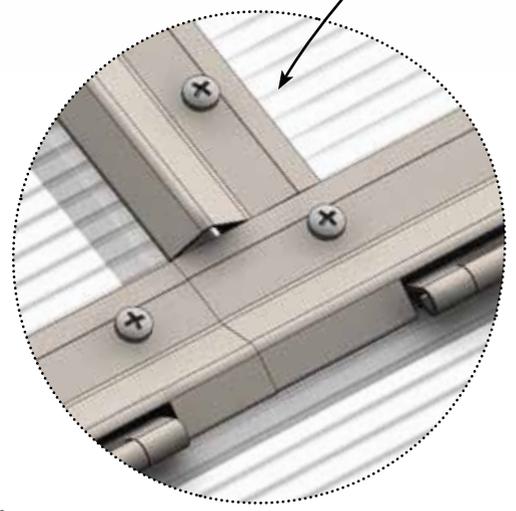
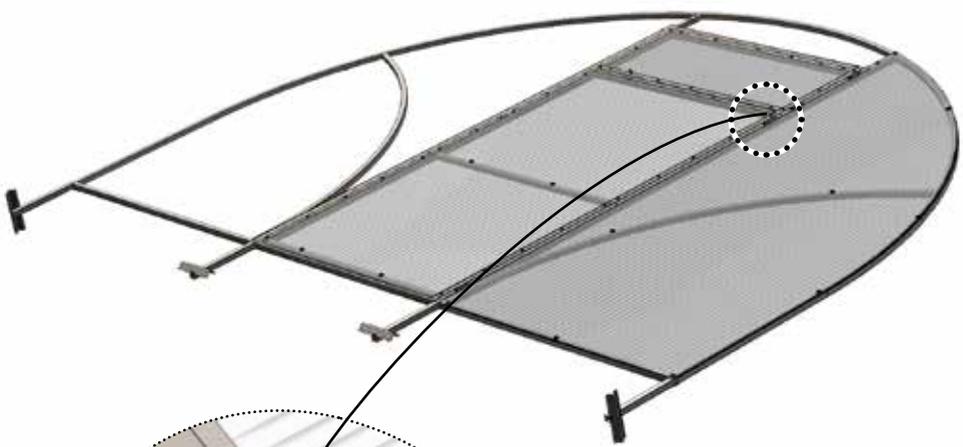
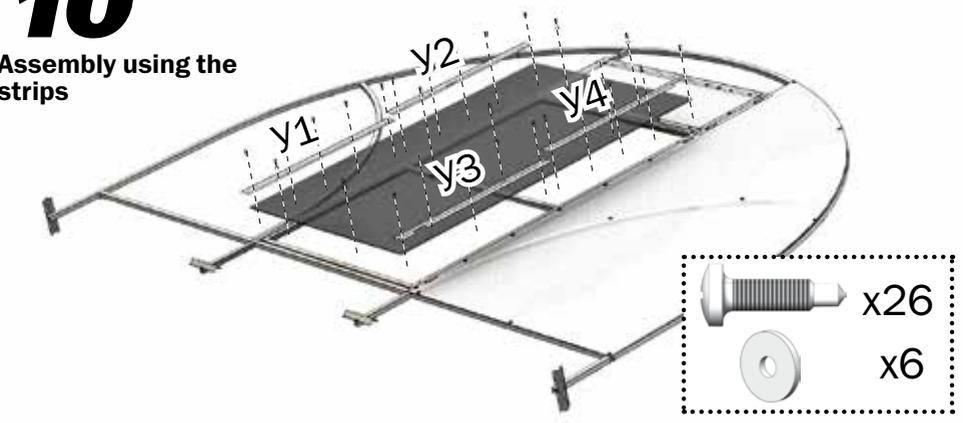
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Assembly without using the strips

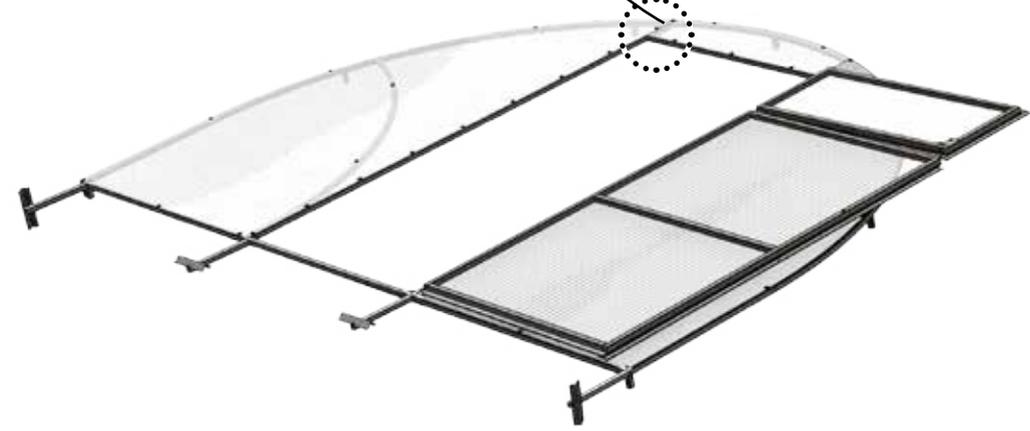
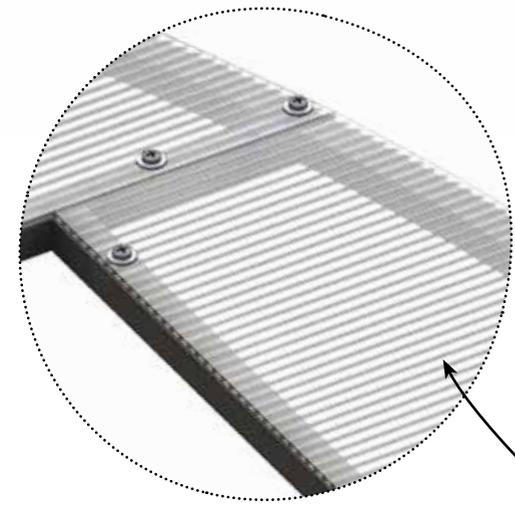
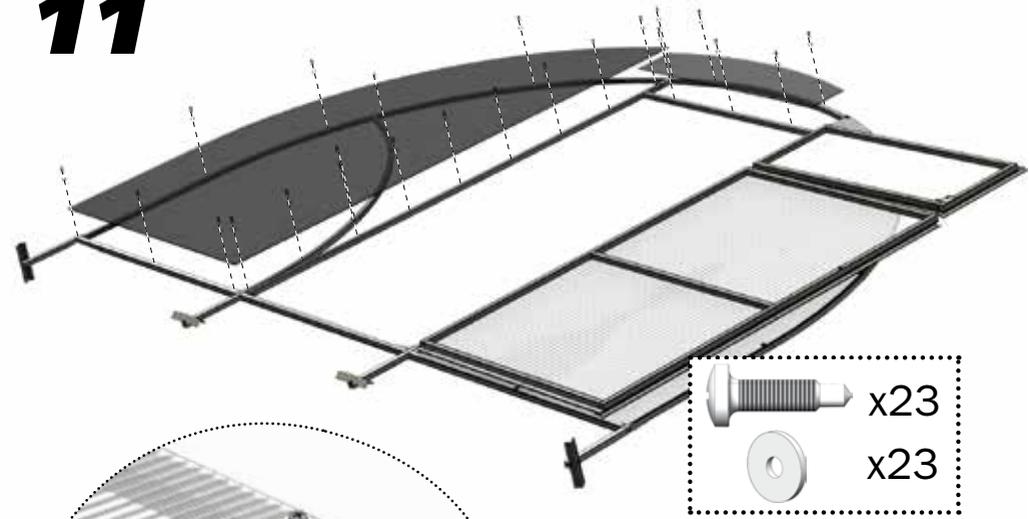


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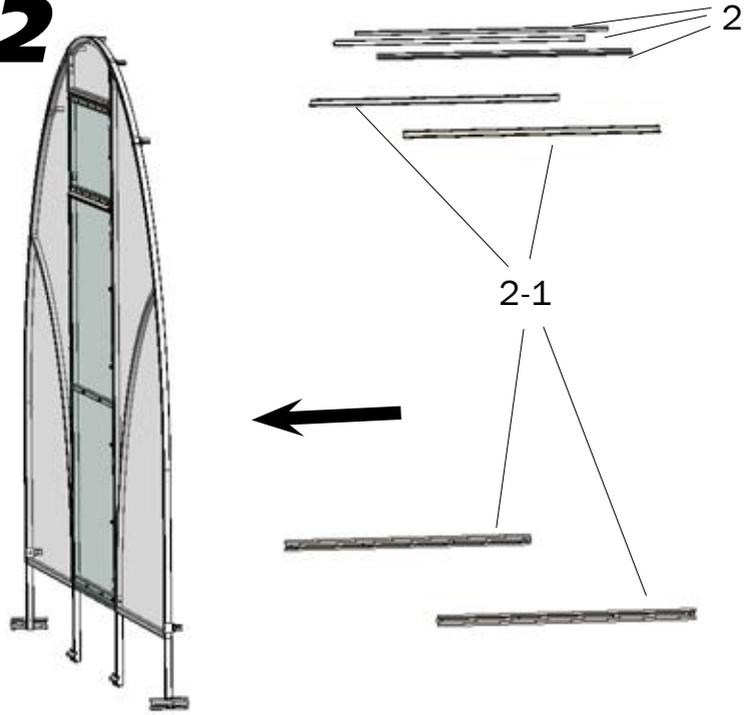
Assembly using the strips



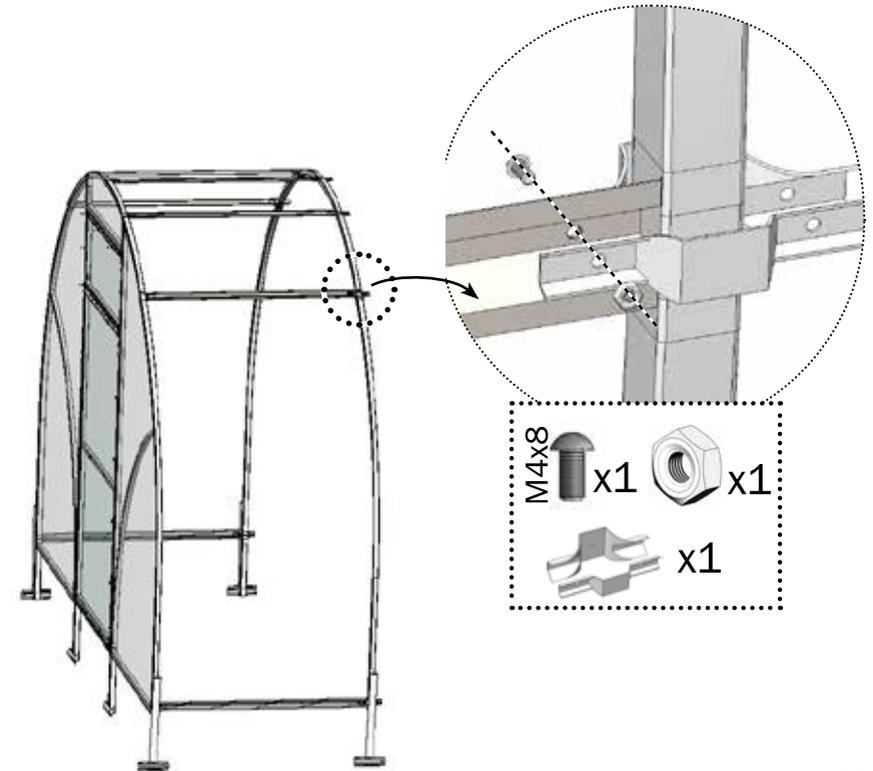
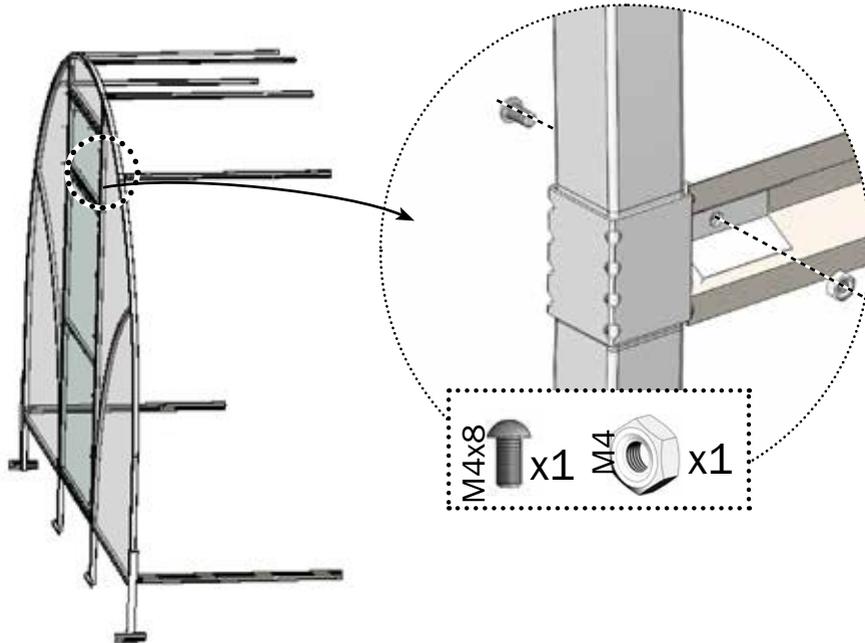
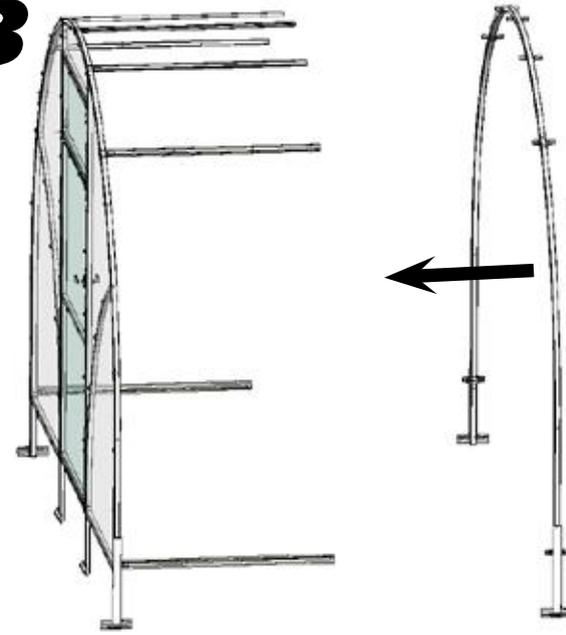
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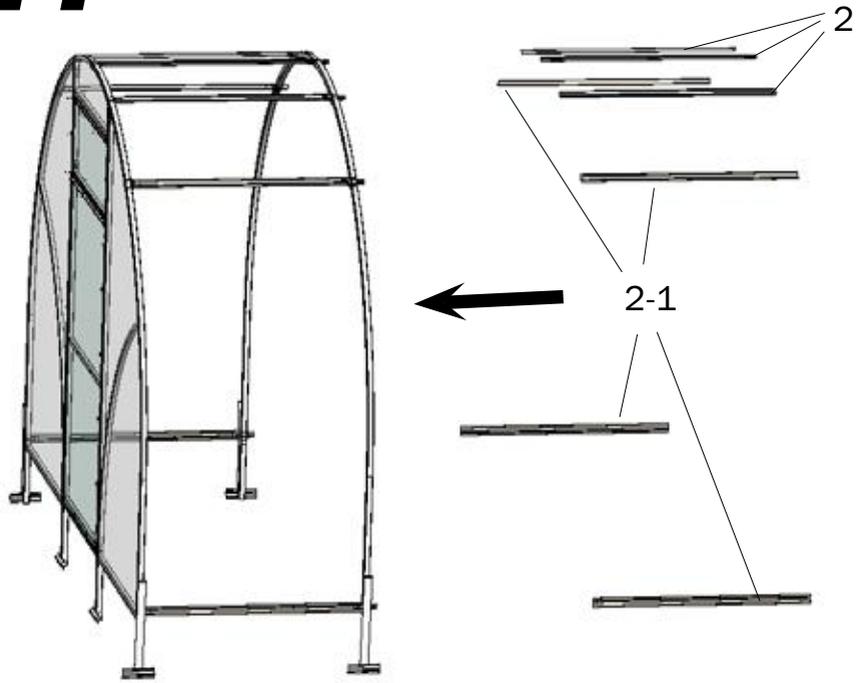
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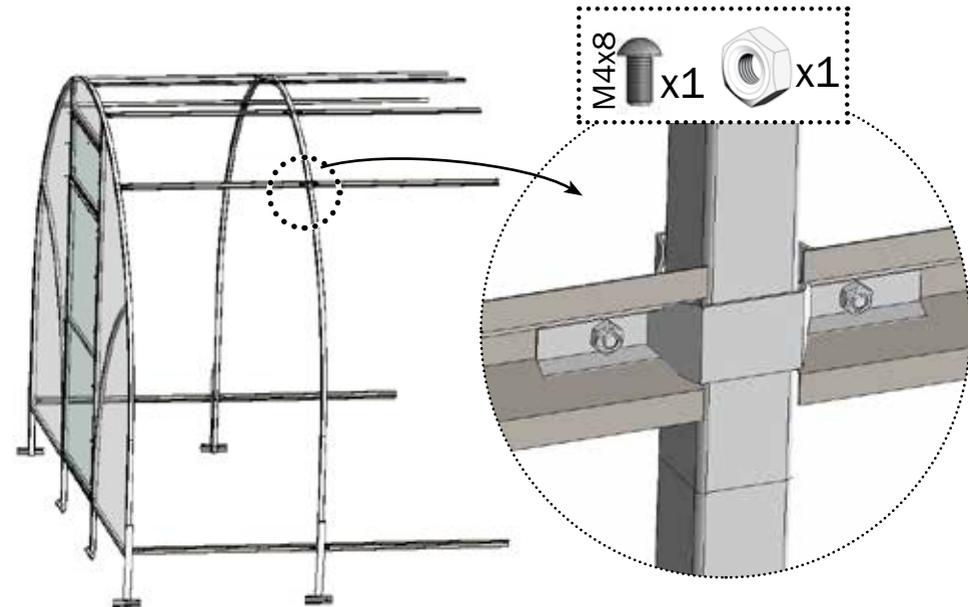
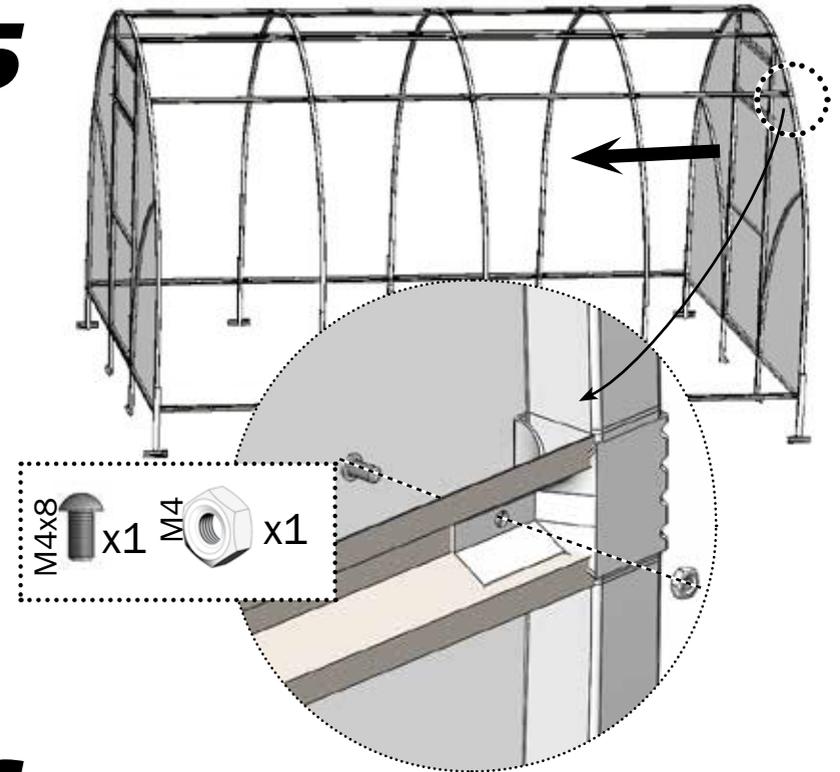
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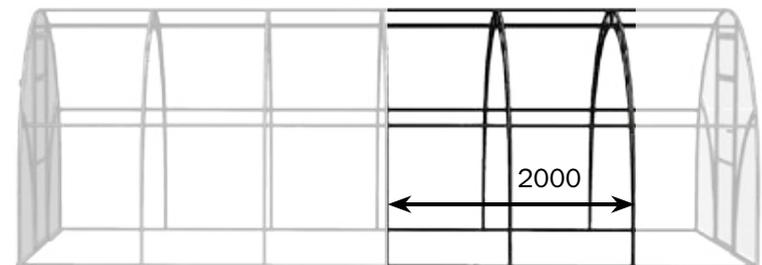


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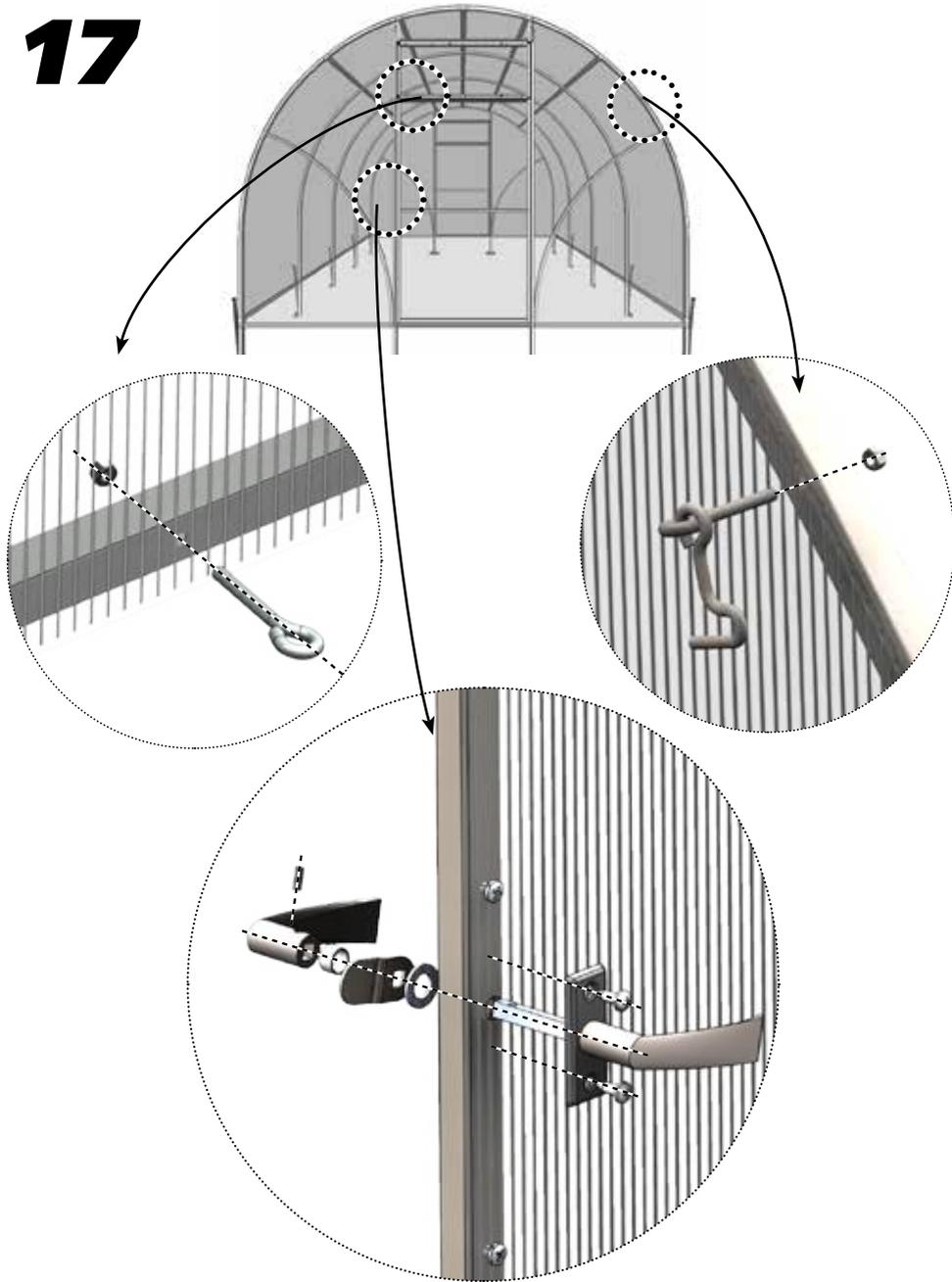


16

STRETCHING OUT THE LENGTH OF THE BASELINE MODEL WITH THE ADDITIONAL BLOCKS

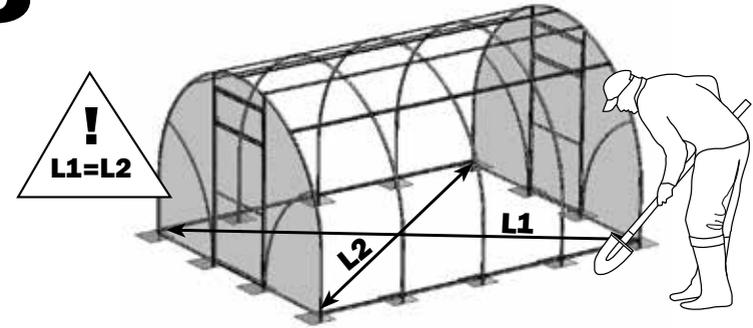


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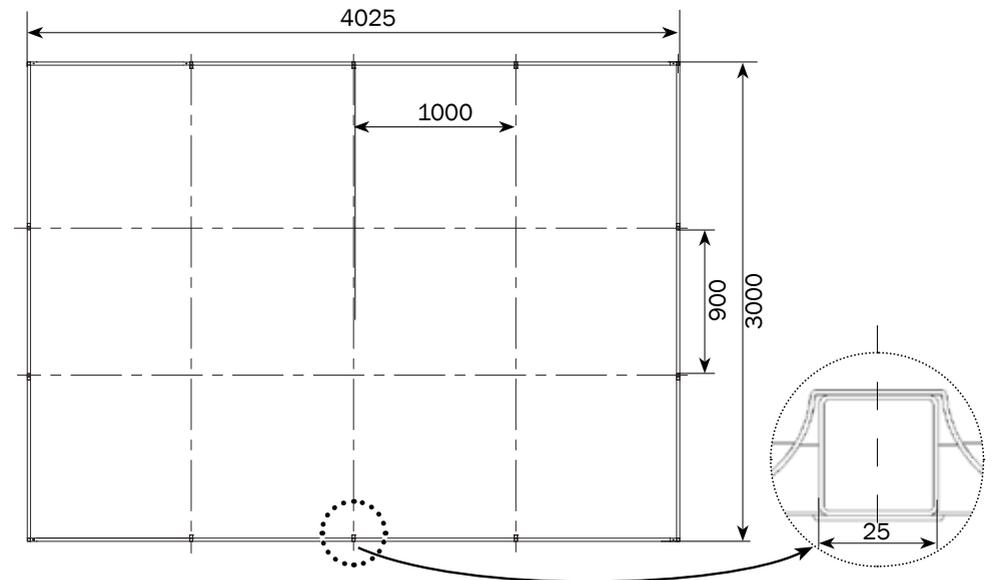
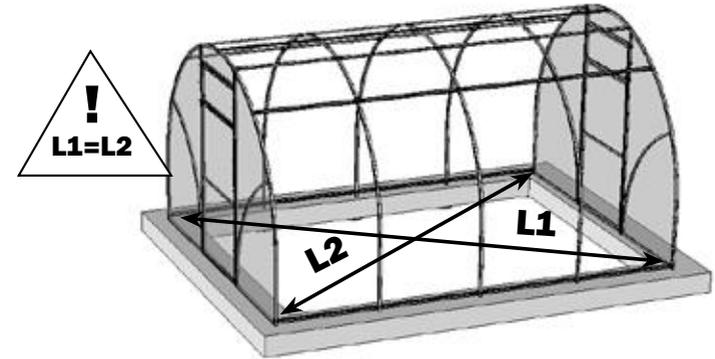


18

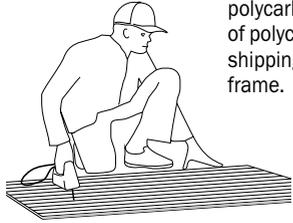
INSTALLATION ON THE GROUND



INSTALLATION ON THE BASEMENT

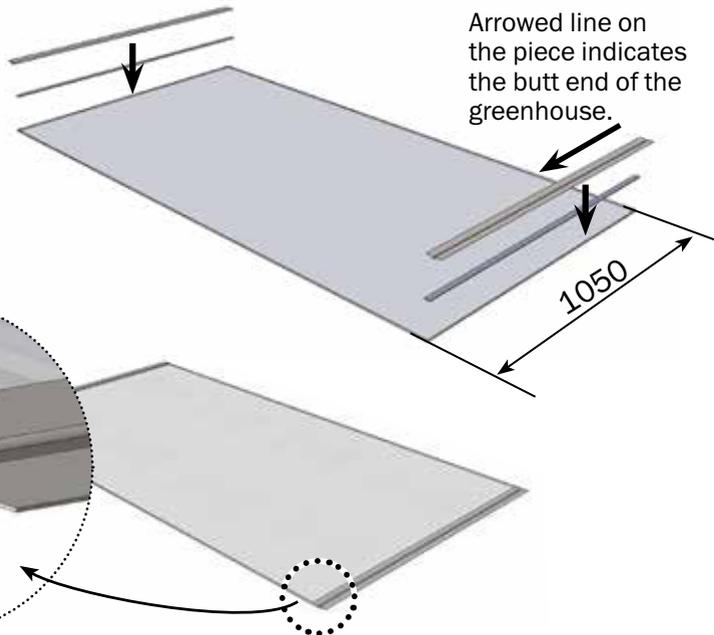
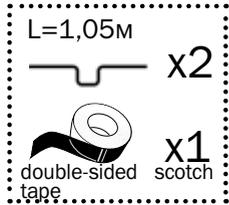
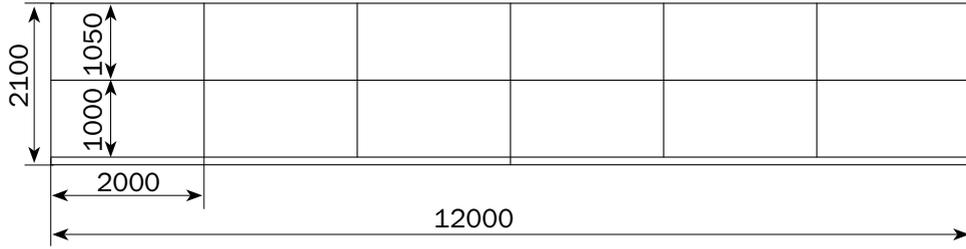
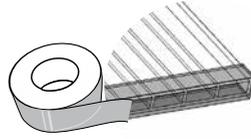


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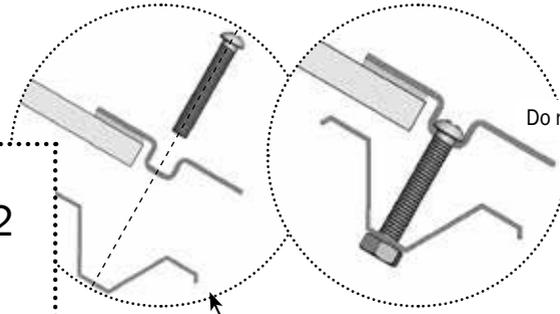
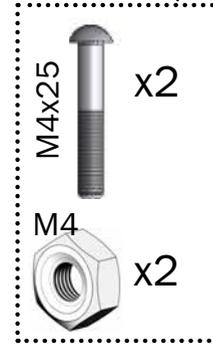


The UV-resistant side of polycarbonate sheets must face outside (sunward). The UV-resistant side is usually indicated with notations on the shipping plastic film. The film is transparent on the back side of the polycarbonate sheet. After marking the polycarbonate sheets, but prior to cutting it, mark the UV-resistant side on every piece of polycarbonate sheet: when the shipping film is removed both sides look similar. The shipping film is removed from both sides shortly before fastening the covering in the frame.

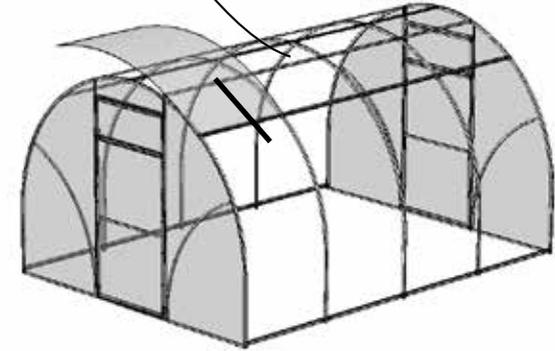
Tape scotch on the cut sides of the polycarbonate sheets.



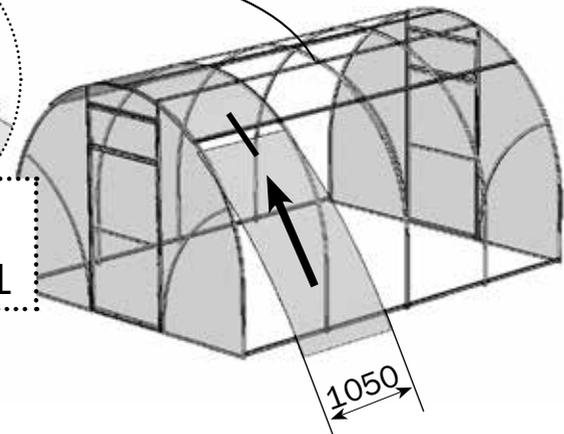
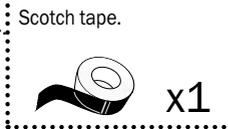
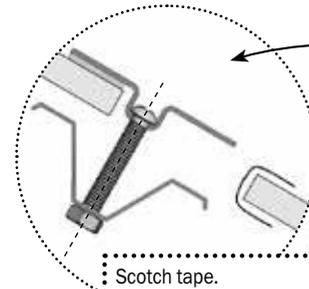
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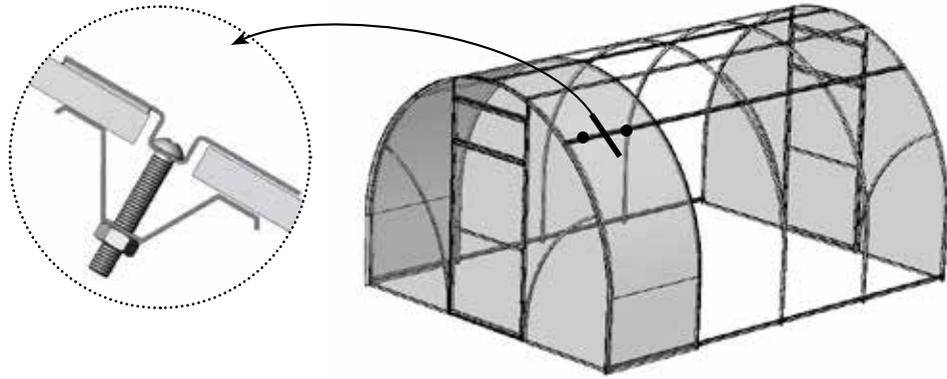
Do not screw until tight.



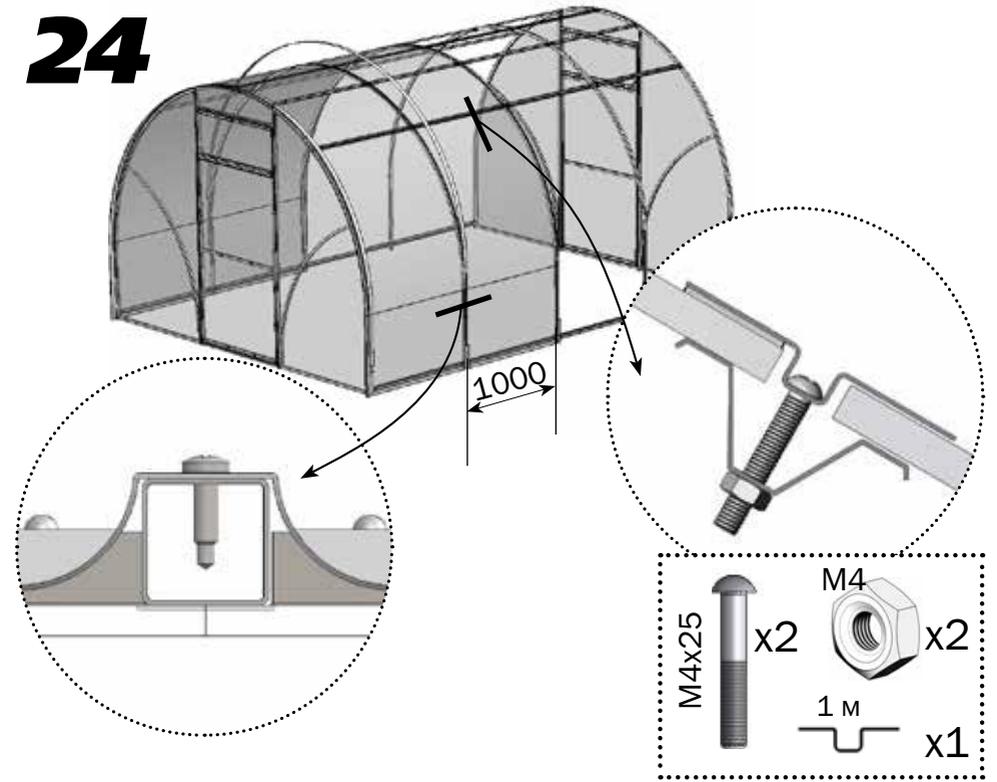
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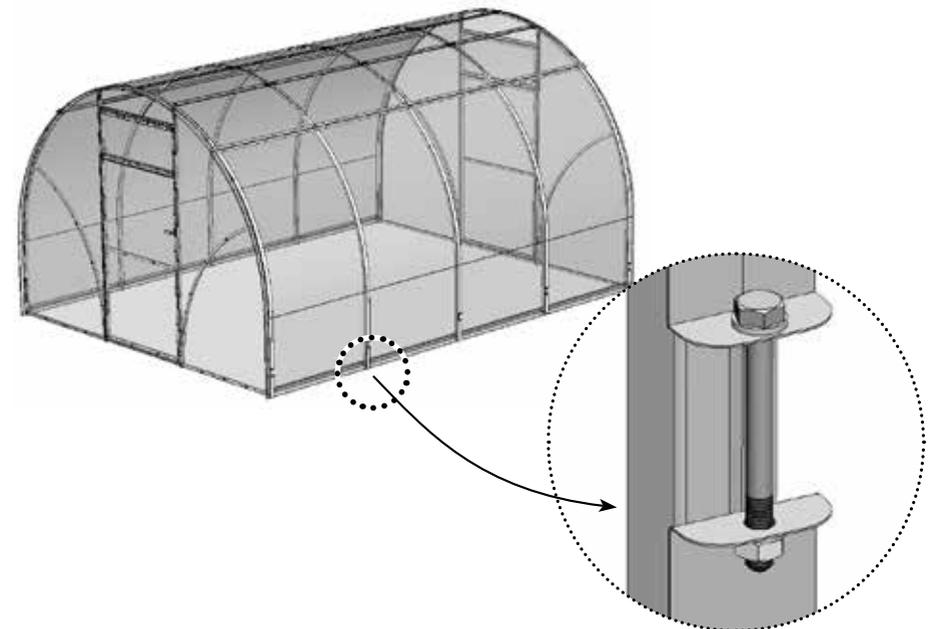
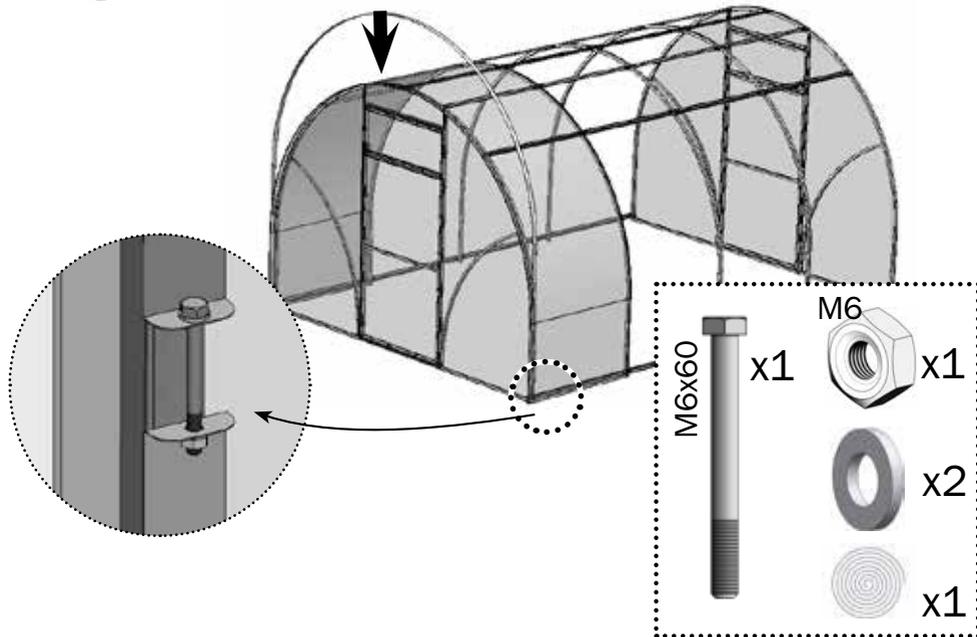
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