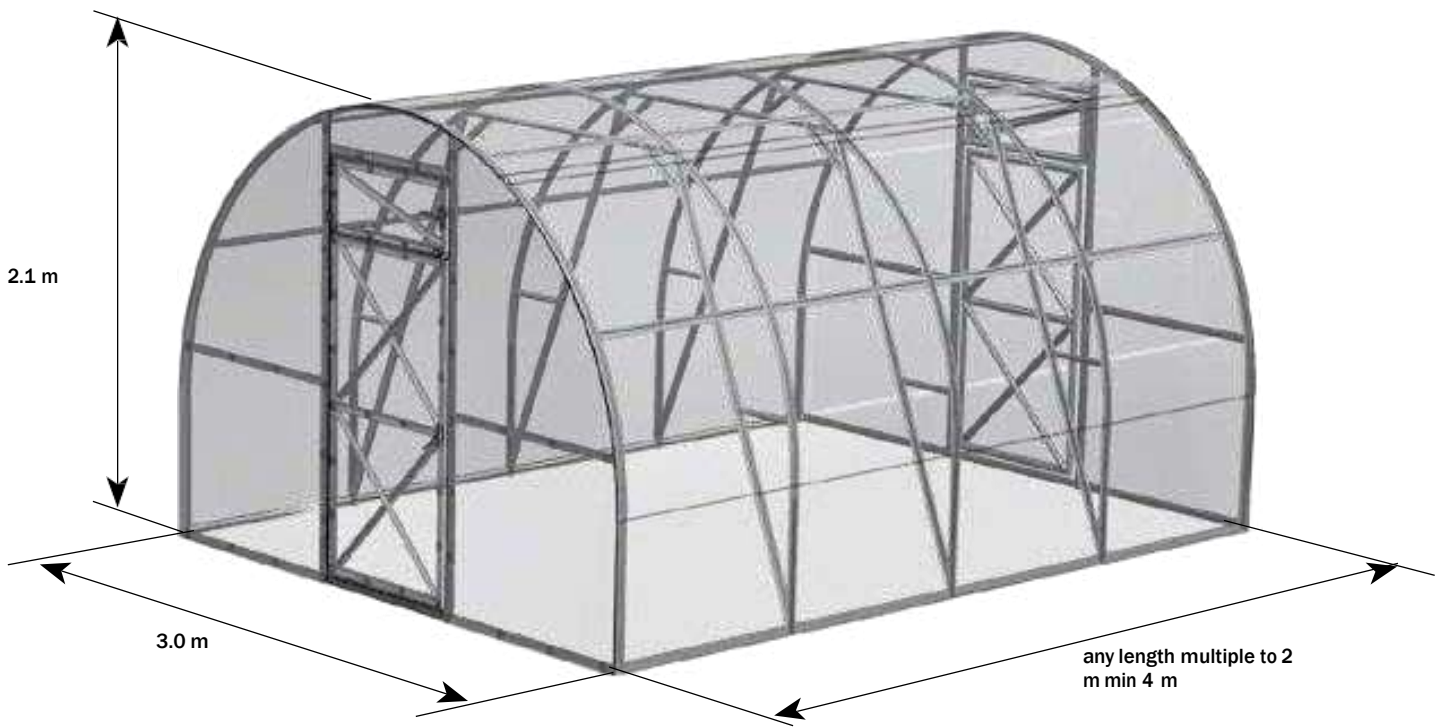


DANCOVER[®]



Manual
for
Greenhouse STRONG





Perform assembling and operation of the greenhouse in strict accordance with the manual and operating rules stated in the technical certificate. Please keep this technical certificate for further reference.

Description

Greenhouse STRONG is designed for creation microclimate favorable for growing garden crops on cottage and household plots.

Greenhouse might have variable length depending on customers' desire. Required length of green house is provided by purchasing of packages with extending inserts. Each insert add 2 m to base length. Base length is 4 m. Height of installed frame is

2.1 m

The frame of the greenhouse is made of galvanized iron and is to be assembled with screws and nuts. Greenhouse is fixed on the ground by digging special frame endings or on fundament using angles. Complete set includes all that is needed for fastening of coverage. Greenhouse may be completed with coverage on buyer's request. Greenhouse has two door openings and two small windows in opposite ends.

Greenhouse base requires 3 sheets of cellular polycarbonate 2.1x6 m with 4 mm thickness. For each Inserts - 1 sheet of cellular polycarbonate 2.1x6 m

Operation rules

Before the start of operation, the greenhouse should be assembled and installed as prescribed in the manual. When the greenhouse is assembled by a third party the customer should supervise the quality of works to ensure compliance with the present manual. Some detail have extra holes due to uniformity of details. During assembly, be careful not to damage the parts, because until they assembled fully, they do not have sufficient rigidity. Use supports (e.g., chairs) at intermediate stages of assembly to evenly raise the assembled frame. To align the holes in difficult joints use a nail with a diameter of 4mm or mandrel with a conical end. During assembly of the frame details' connections should be implemented for all specified openings. Simplified connection of the parts is a violation of assembly rules and cause of removal warranty support by manufacturer.

Do not install the greenhouse too close to buildings or trees where masses of snow/ ice can fall on it. Recommended distance is at least 2 m. The greenhouse is designed to withstand wind at the speed below 24 m/sec. The greenhouse cladding should not be removed for the winter period if snow load is limited. If the greenhouse is left unattended for the entire winter the customer should either remove the cladding or estimate the possible snow load. For the frame assembled with all parts including strainers and braces, the maximal snow load begins when the layer of snow weight is 180 kg per 1 sqm of horizontal surface, which corresponds to regulative snow load of IV snow region (in accordance with Classification of Building rules and regulation 2/01/07-85 «Workload and impacts»). For the greenhouse which was installed according to the rules, manufacturer guarantee sufficient strength against snow load in the following areas: Northern areas in Russia, the Scandinavian countries: Finland, Sweden, Norway, Denmark.

Cleaning and washing sheets of polycarbonate

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

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 shelf life. Never rub the surface of polycarbonate sheets with brushes, metallic cloth or other abrasive materials.


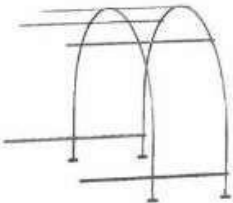


When disinfecting the greenhouse from pathogens causing fungal and bacterial diseases, do not use «sulfurblocks» to avoid frame corrosion (blackening).

Warranty liabilities

Term for making claims is 24 months from the day of purchase Warranty does not apply to cases of:









1. Greenhouse installation in violation of instruction requirements
2. Violation of the rules of operation.
3. Inappropriate use of the greenhouse.
4. Deformation of the greenhouse as a result of ground movement.
5. Floods, hurricanes and other natural disasters.









LIST OF BOXES FOR ASSEMBLY

Greenhouse STRONG	Base Box			Ext. Box	
	1/3	2/3	3/3	1/2	2/2
<p>3x4 m MODEL</p> 	1	1	1	-	-
<p>EXTENSION FOR GREENHOUSE 2m</p> 	-	-	-	1	1
<p>3x6 m MODEL</p> 	1	1	1	1	1
<p>3x8 m MODEL</p> 	1	1	1	2	2















DETAILED PARTS LIST BASE














BOX 1/3

№	marking	description	quantity, pcs
1	4H	L=1,62m 	6
2	4B	L=1,62m 	3
3	4BK	L=1,62m 	2
4	4HK	L=1,62m 	2
5	4HK-1	L=1,62m 	2
6	1	L=0,92m 	10
7	2B	L=0,96m 	12
8	9-1	L=0,98m 	4








№	marking	description	quantity, pcs
9	9-2	L=1,4 m 	2
10	9-3	L=1,4 m 	2
11	17	L=1,4 m 	3
12	18	L=1,1 m 	6
13	19	L=0,99m 	6
14	20	L=0,34 m 	6
15	21	L=0,35 m 	6
16	-	end amplifier 	4








BOX 2/3

№	marking	description	quantity, pcs
17	2	L=0,96 m 	24
18	3	L=0,14 m 	14
19	5	L=0,09 m 	4
20	8	L=1,04 m 	4
21	10	L=0,82 m 	4
22	11	L=1,02 m 	2
23	11-1	L=1,02 m 	2
24	12	L=0,76 m 	8
25	12-1	L=0,32 m 	4
26	13	L=0,71 m 	6
27	13-1	L=0,71 m 	4
28	14	L=0,96 m 	4
29	15	L=1,0 m 	4
30	16	L=0,74 m 	2

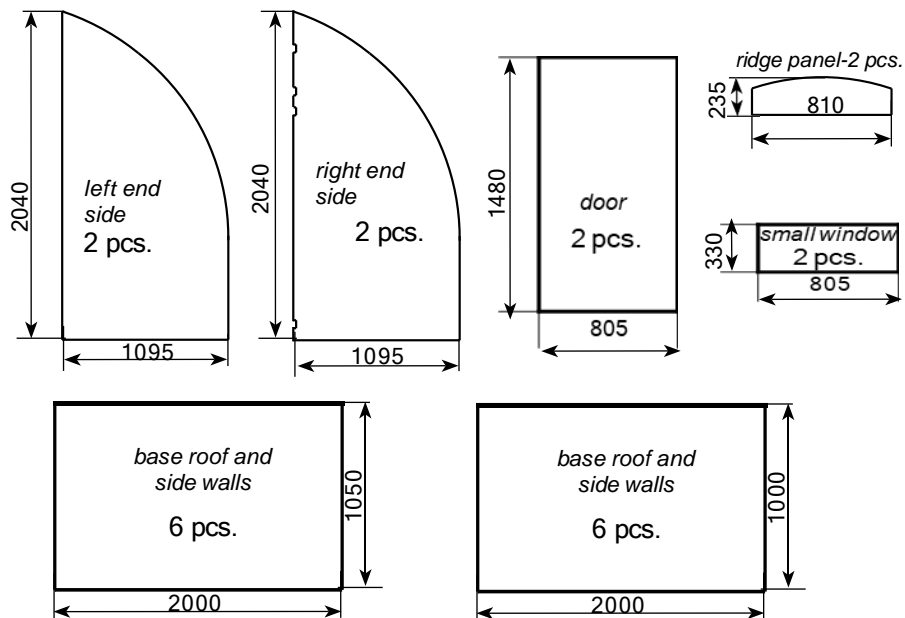
№	marking	description	quantity, pcs
31	-	top bandage 	5
32	-	bottom bandage 	10
33	PK	profile L=1,05m 	4
34	P	profile L=1,0m 	4
35	-	seal loop L=3,7m 	1
36	-	seal door L=10m 	1
37	-	seal side wall L=12m 	1
38	-	hook for doors and window 	4
39	-	loops for doors and windows 	8
40	-	tube bend spinner 	1
41	-	Handle 	8
42	-	pin 	4
43	-	bracket 	8

BOX 2/3

44	bracket for the hook		8
45	screw M4 x 8		534
46	screw M4 x 10		50
47	screw M4 x 25		132
48	screw M4 x 35		32
49	self-tapping screw		6
50	nut M4		748












51	washer		160
52	tape		1
53	workpiece for locking (turner with 2 elastic nozzles)		4
54	bolt M6 x 60		10
55	nut M6		10
56	washer 6		20
57	double-sided tape L=5m		2












BOX 3/3



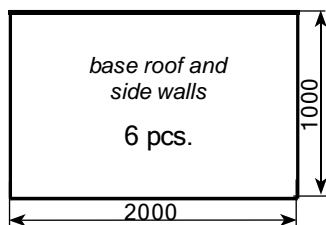
DETAILED PARTS LIST EXTENSION

BOX 1/2

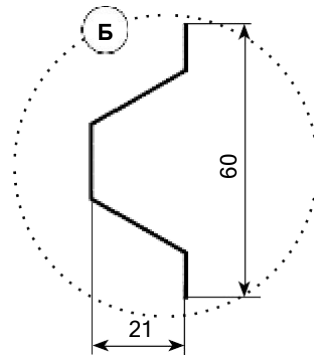
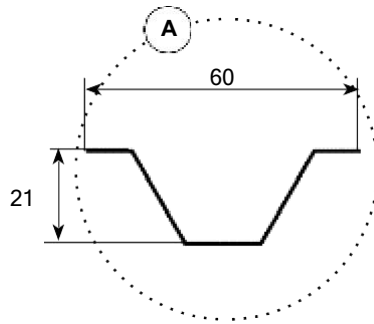
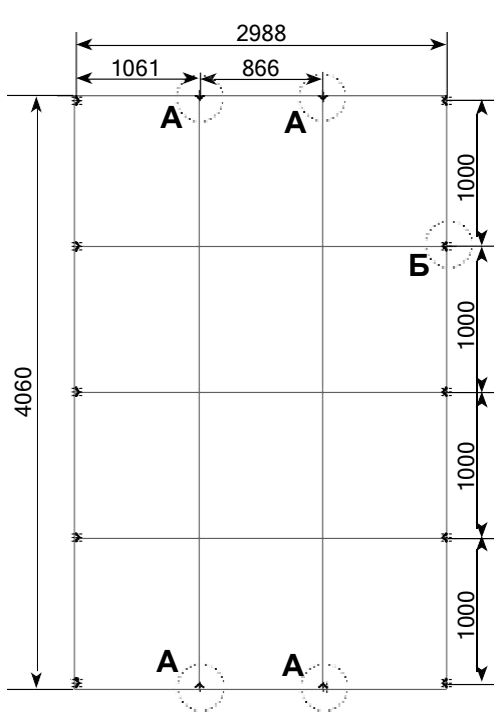
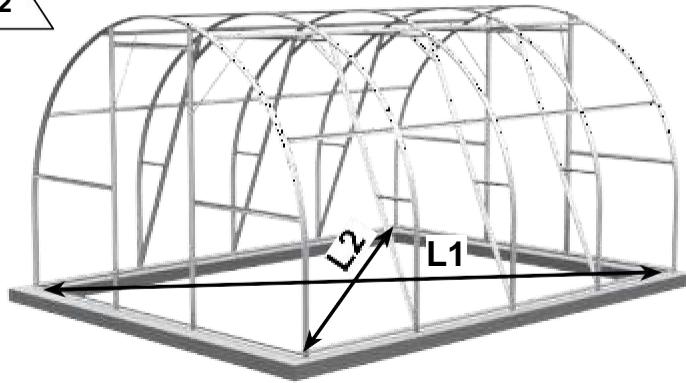
№	marking	description	quantity, pcs
58	1	L=0,92 m 	4
59	2	L=0,96 m 	12
60	2B	L=0,96 m 	6
61	3	L=0,14 m 	4
62	4H	L=1,62 m 	4
63	4B	L=1,62 m 	2
64	17	L=1,4 m 	2
65	18	L=1,1 m 	4
66	19	L=0,99 m 	4
67	20	L=0,34 m 	4
68	21	L=0,35 m 	4

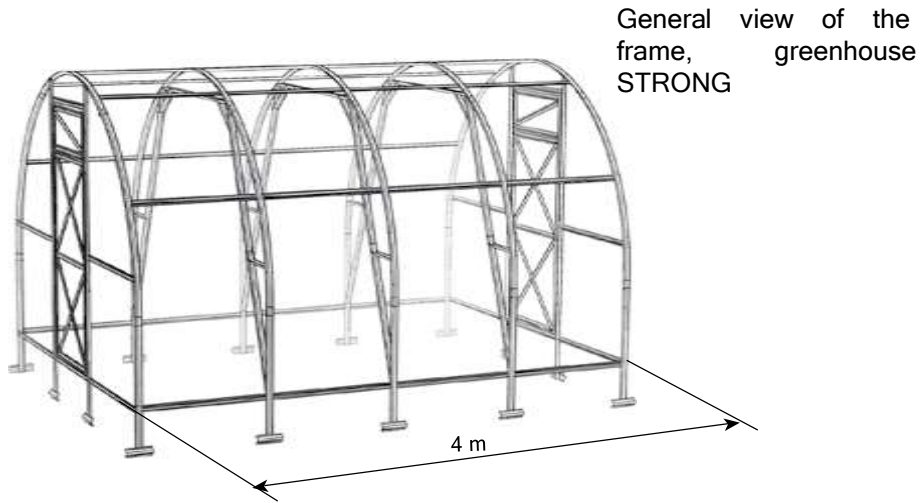
№	description	quantity, pcs
69	profile L=1,0m 	4
70	top bandage 	2
71	bottom bandage 	4
72	screw M4 x 10 	184
73	screw M4 x 25 	24
74	nut M4 	208
75	washer 	16
76	bolt M6 x 60 	4
77	nut M6 	4
78	washer 6 	8
79	double-sided tape L=5 m 	1

BOX 2/2

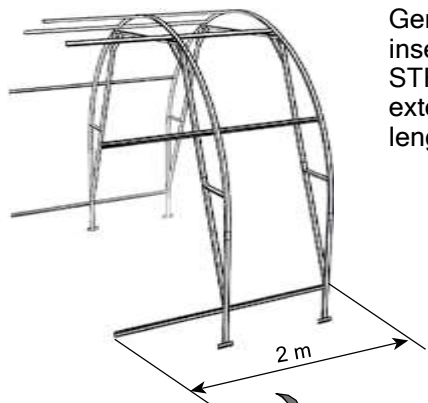


MOUNTING ON THE FOUNDATION



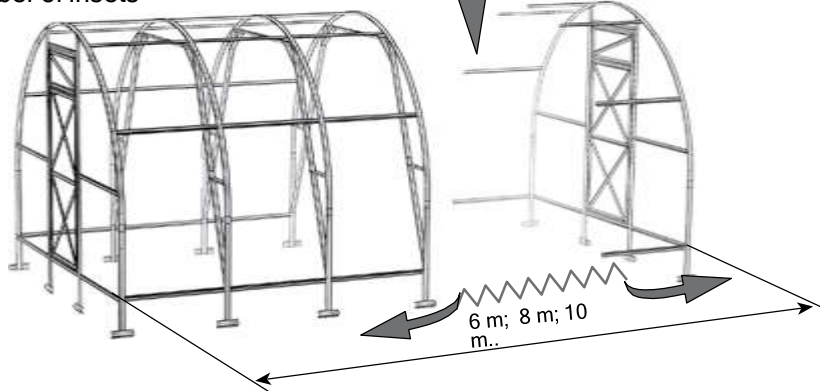


General view of the frame,
greenhouse
STRONG

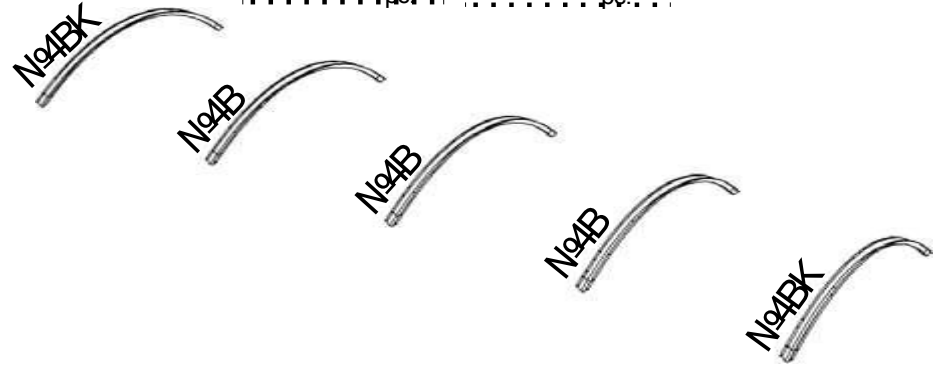
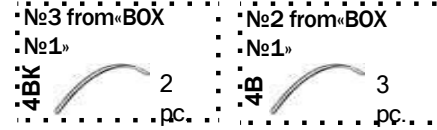


General view of the
inset for greenhouse
STRONG. Each inset
extends the greenhouse
length by 2 m

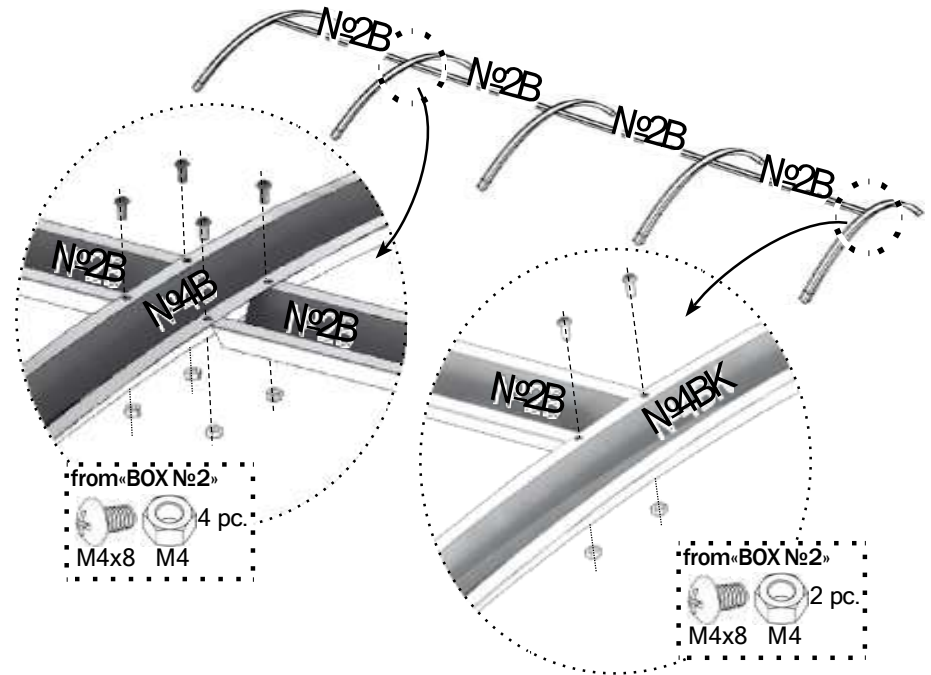
Greenhouse STRONG
extended by any
number of insets



1

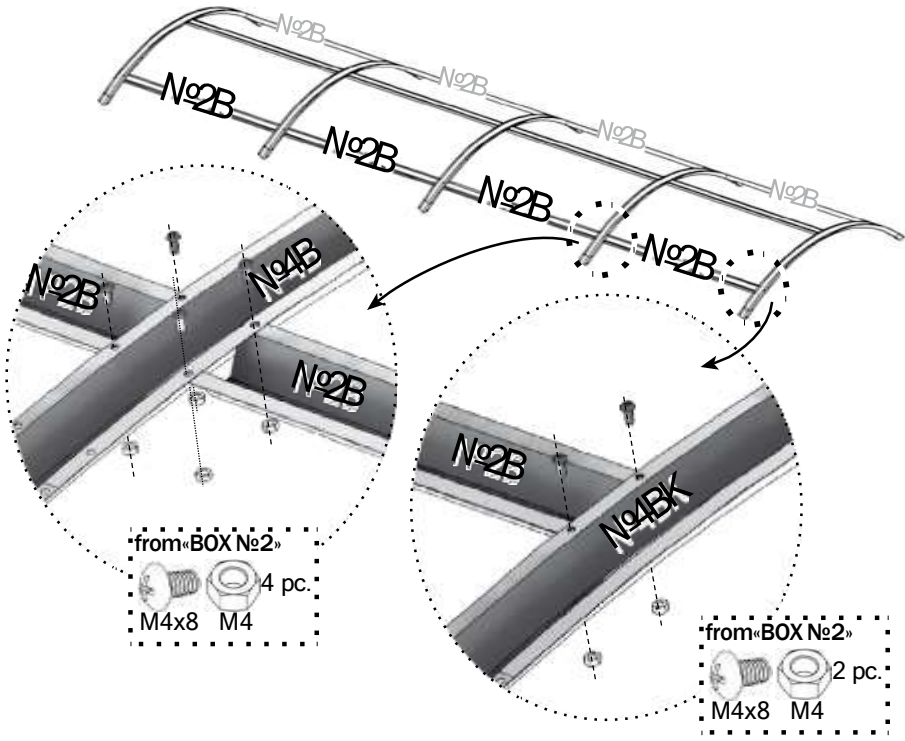


2



3

№7 from «BOX №1»
 2B 8 pc.

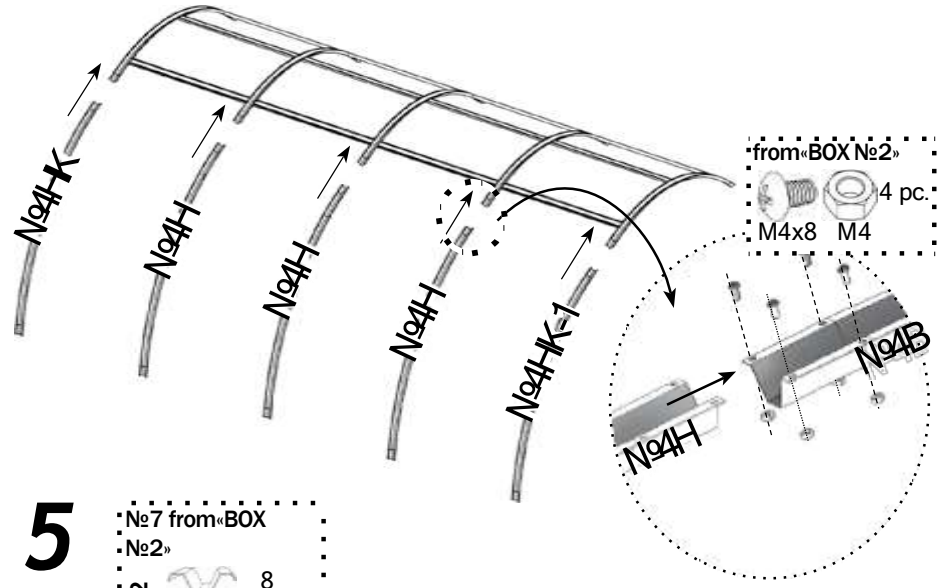


4

№4 from «BOX №1»
 4HK 1 pc.

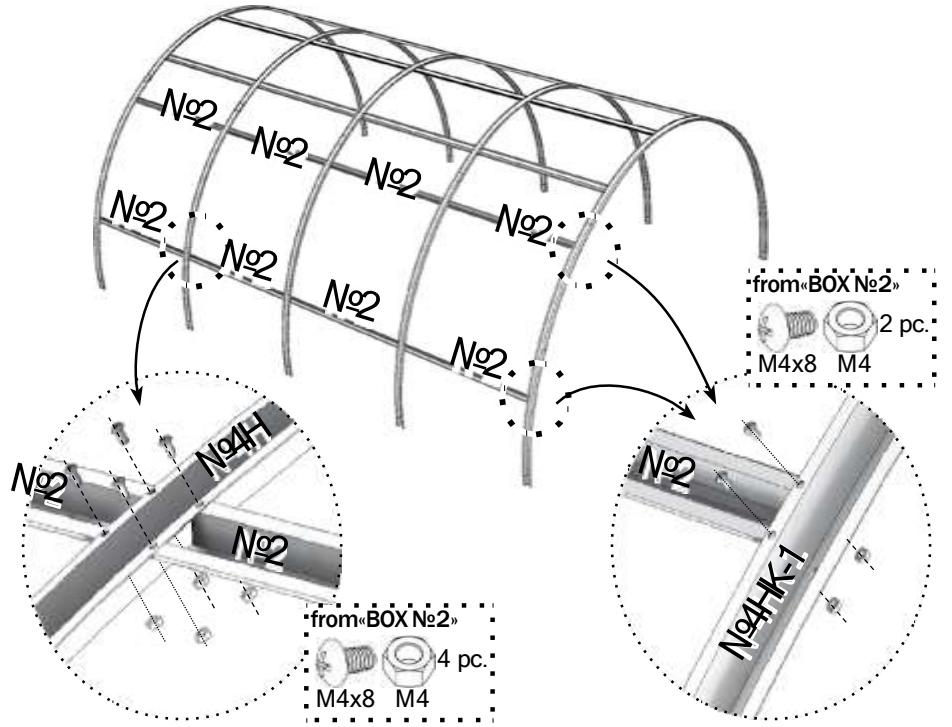
№5 from «BOX №1»
 4HK 1 pc.

№1 from «BOX №1»
 4H 3 pc.



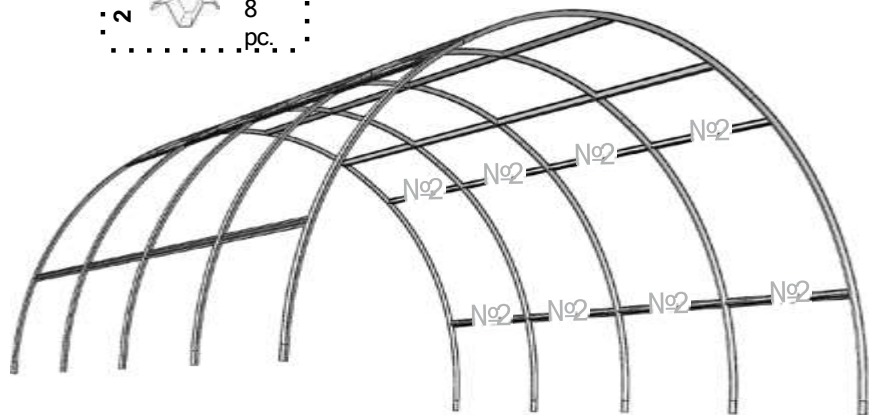
5

№7 from «BOX №2»
 2 8 pc.

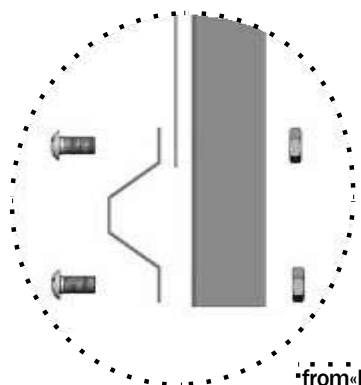


6

№7 from «BOX №2»
2 8 pc.



7



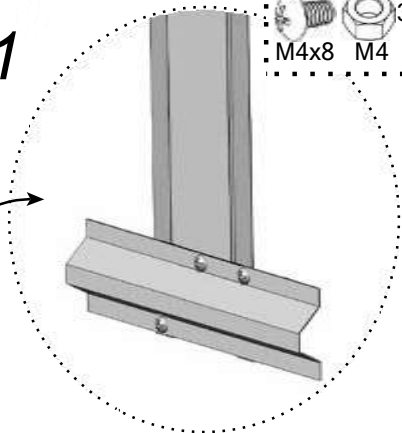
№6 from «BOX №1»
1 pc.

№32 from «BOX №1»
1 pc.

№18 from «BOX №2»
1 pc.

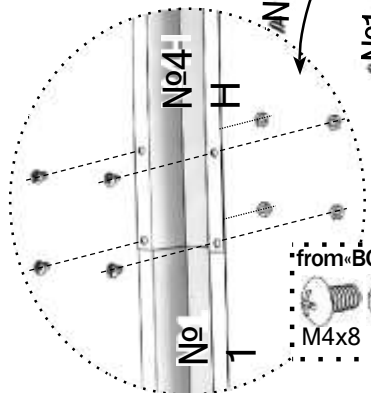
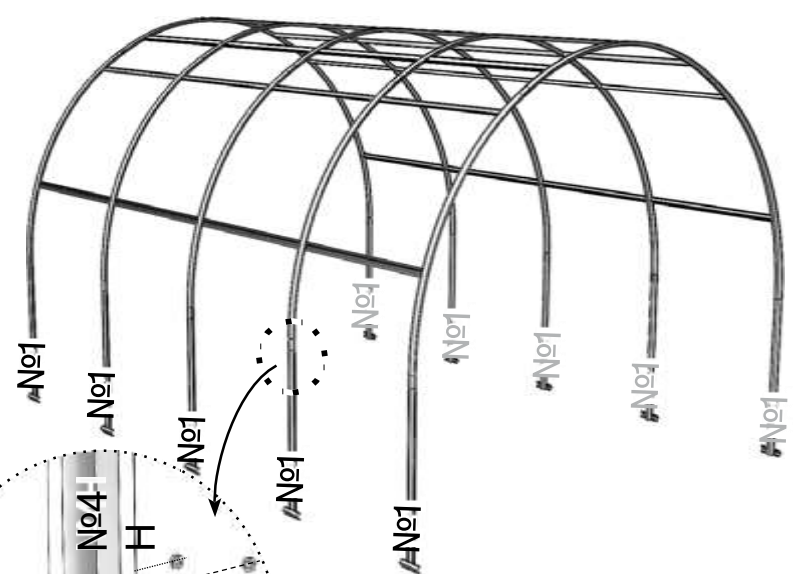


x1



from «BOX №2»
M4x8 M4 3 pc.

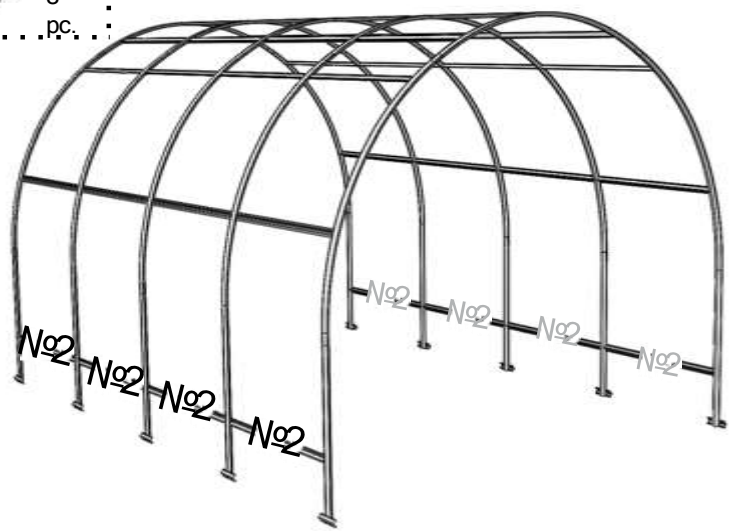
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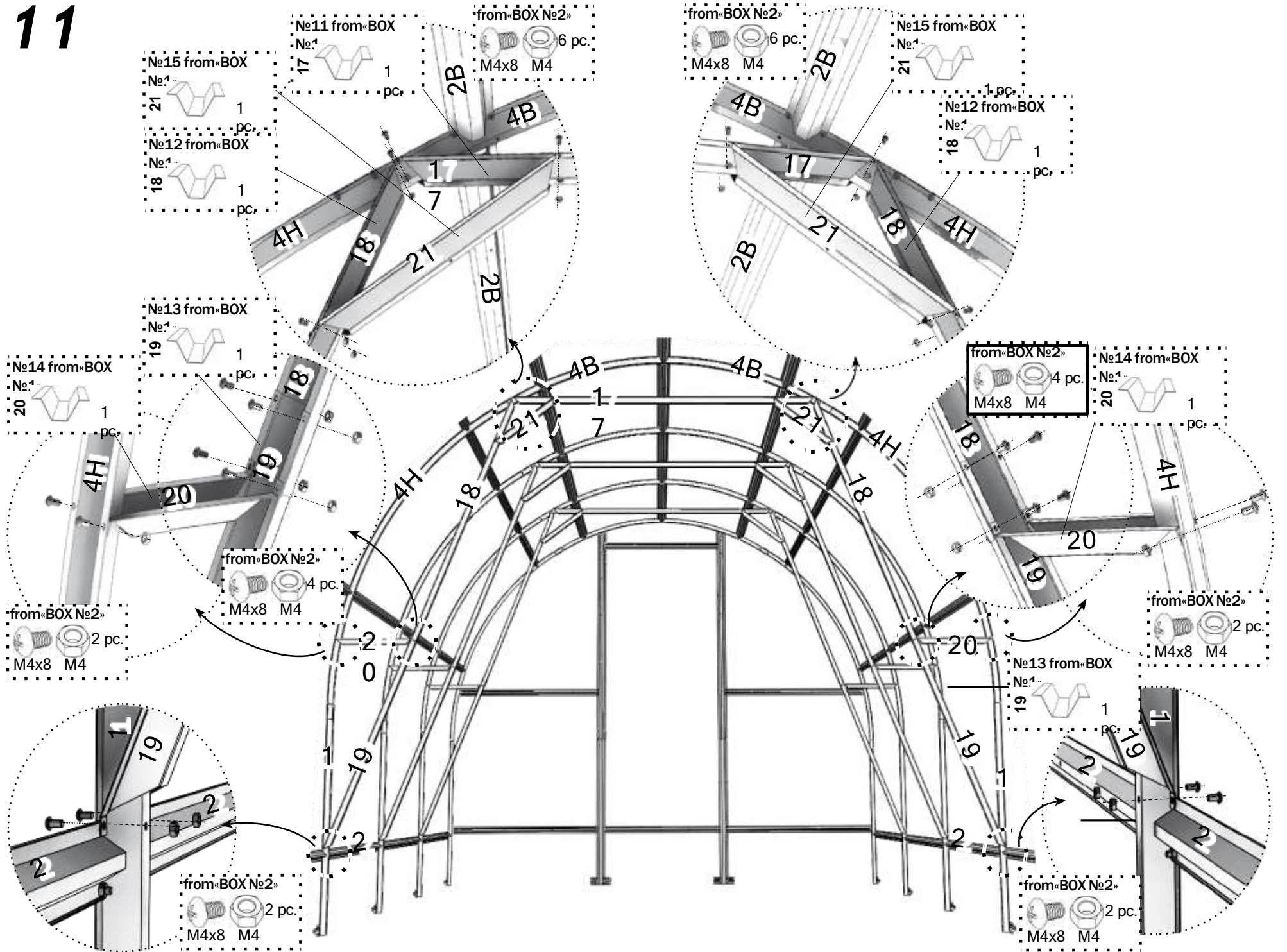


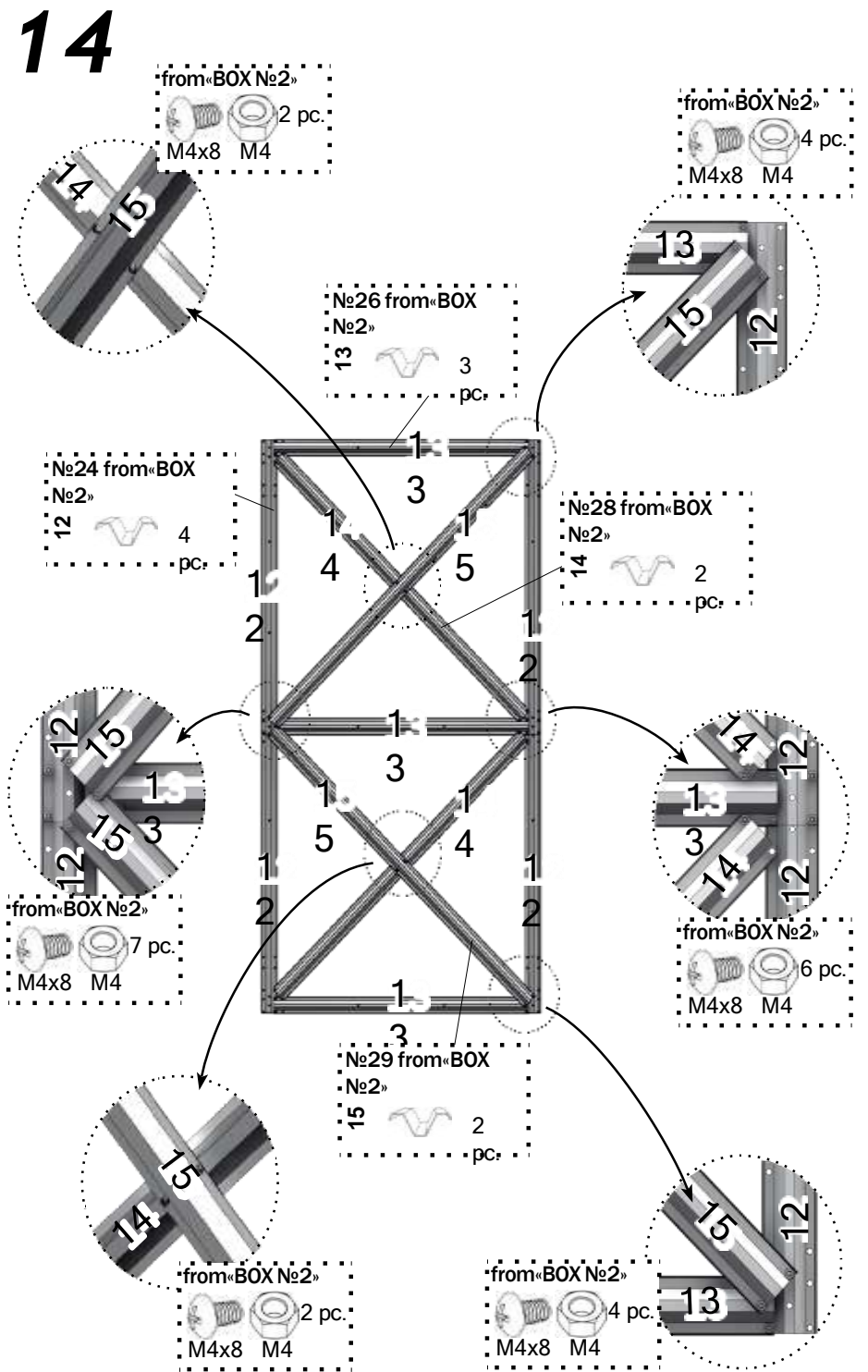
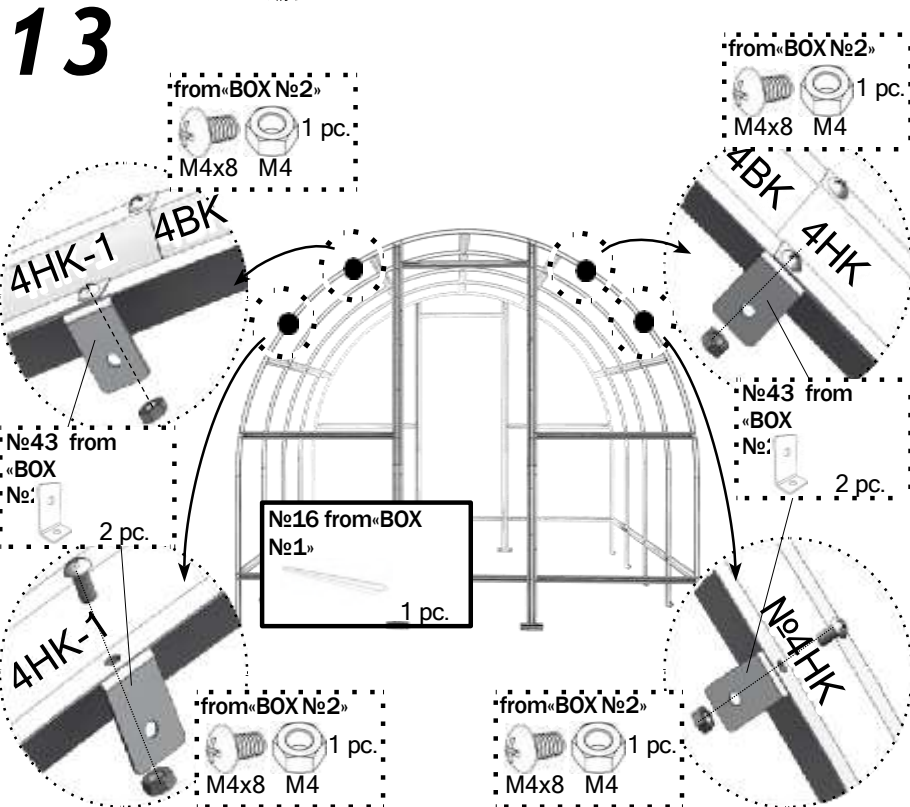
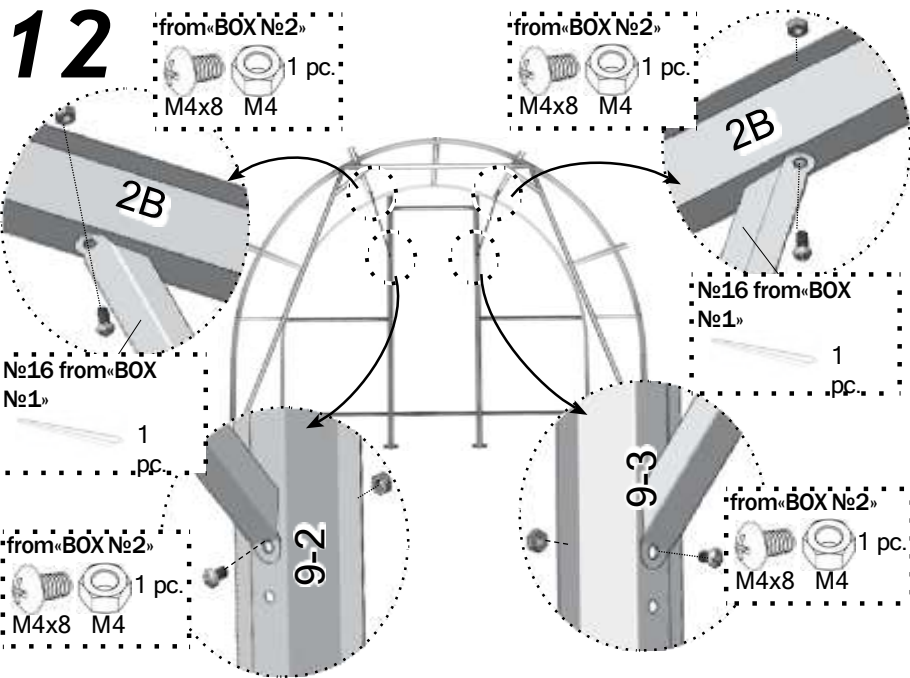
from «BOX №2»
M4x8 M4 4 pc.

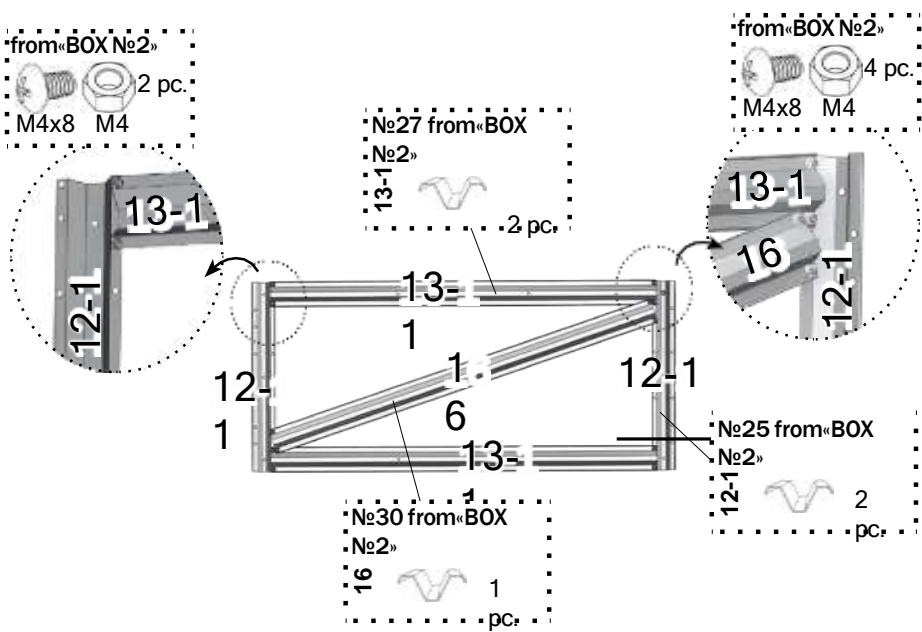
9

№7 from «BOX №2»
2 8 pc.

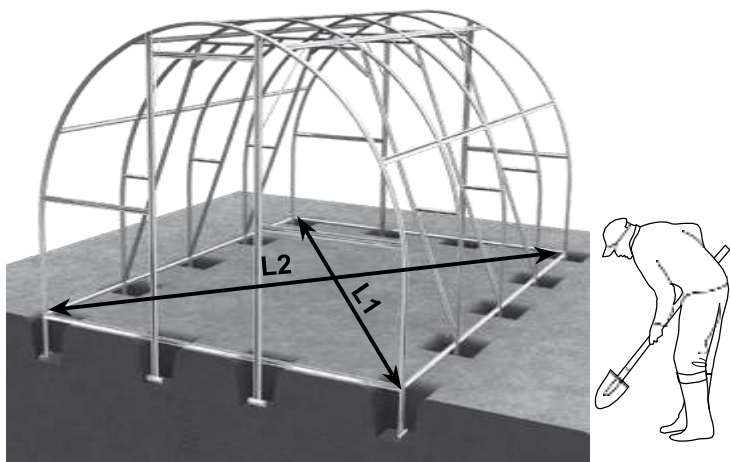




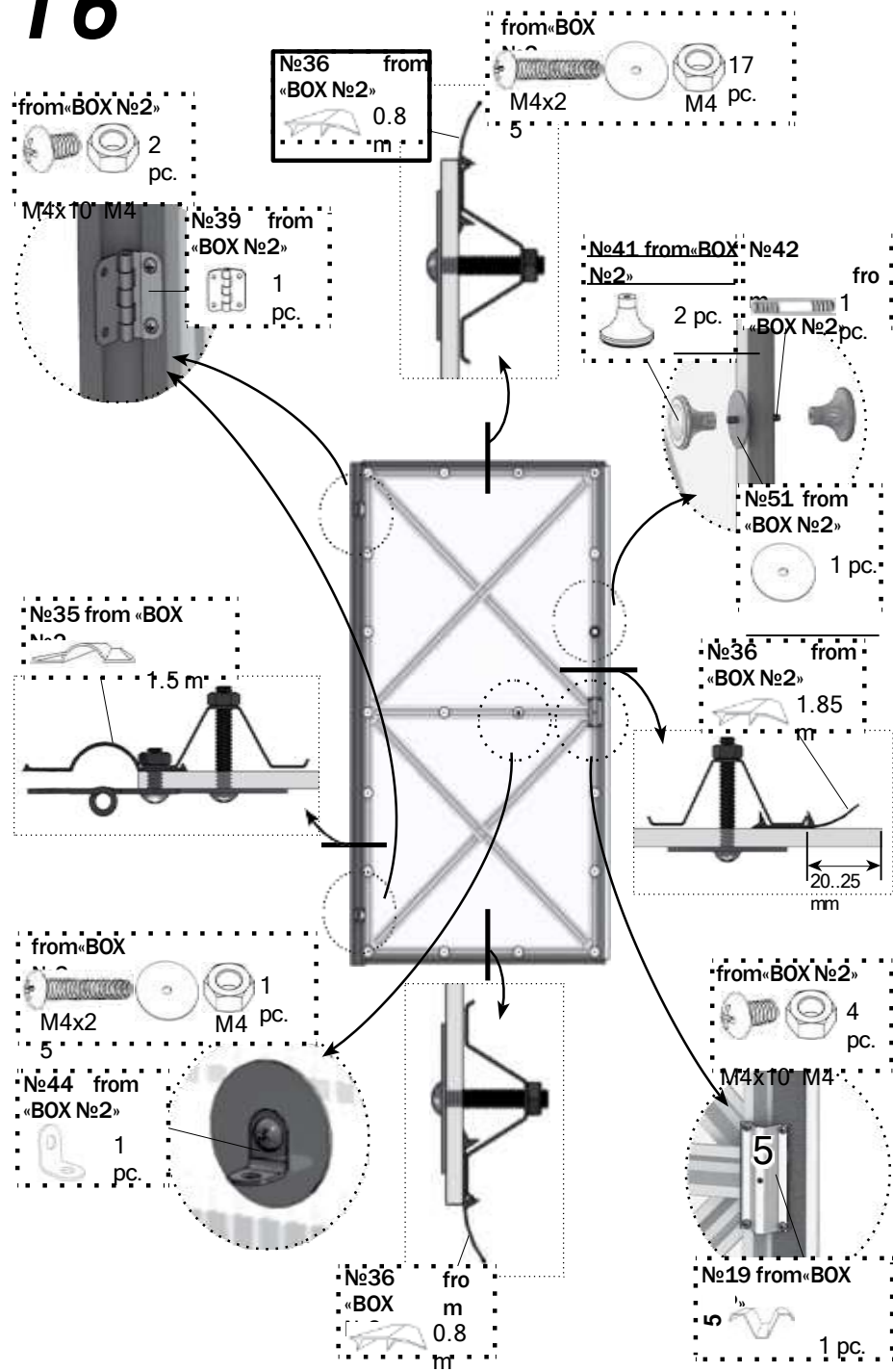




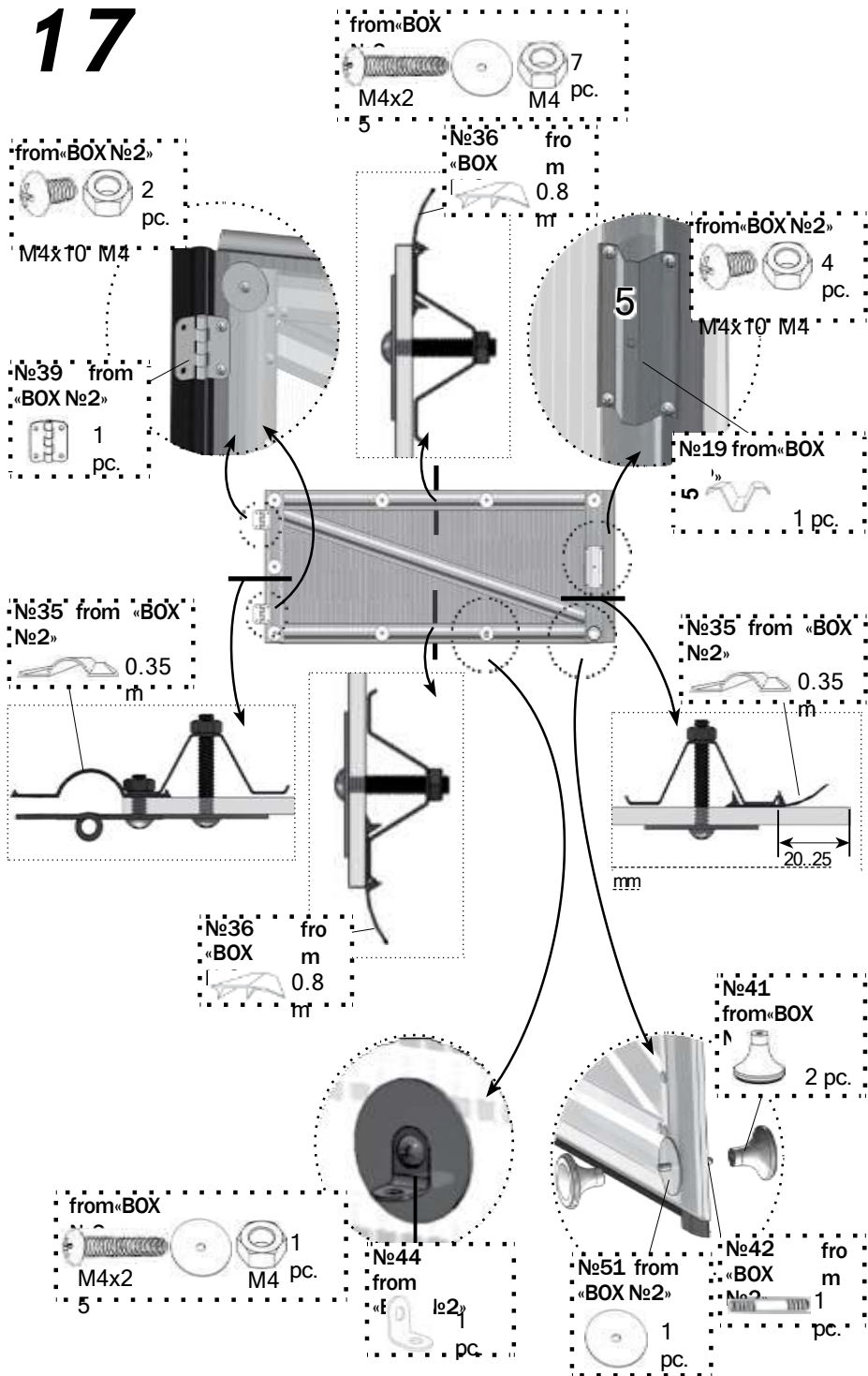
15



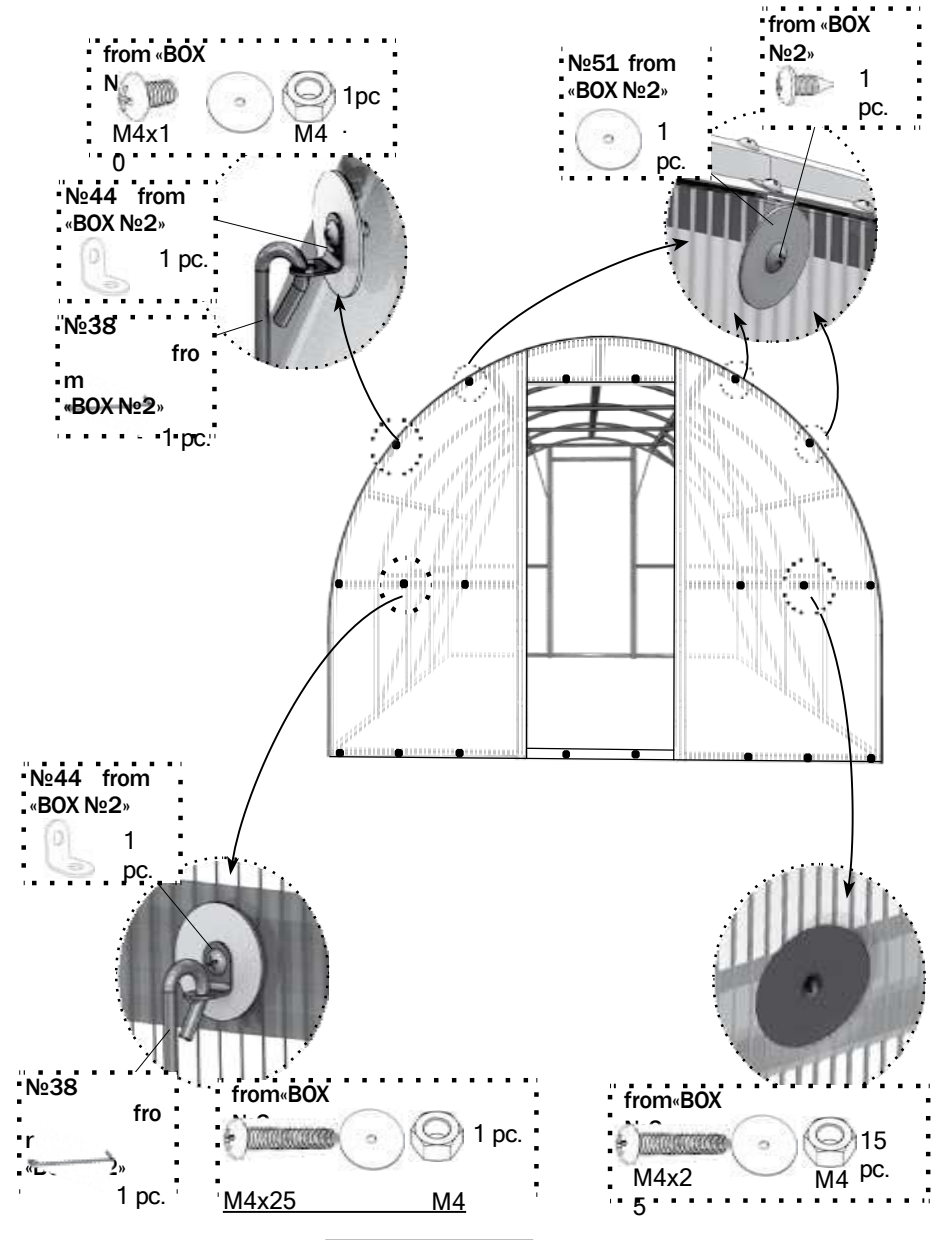
16



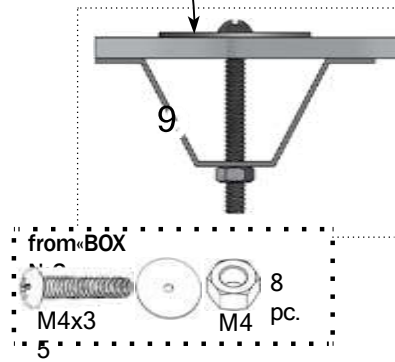
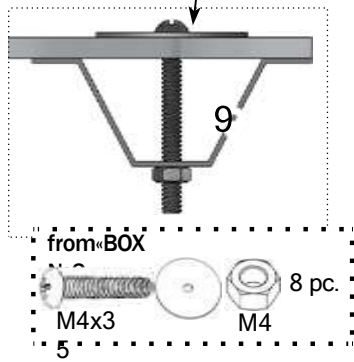
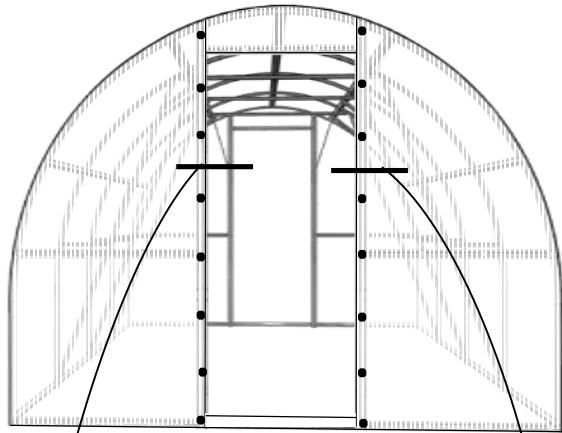
17



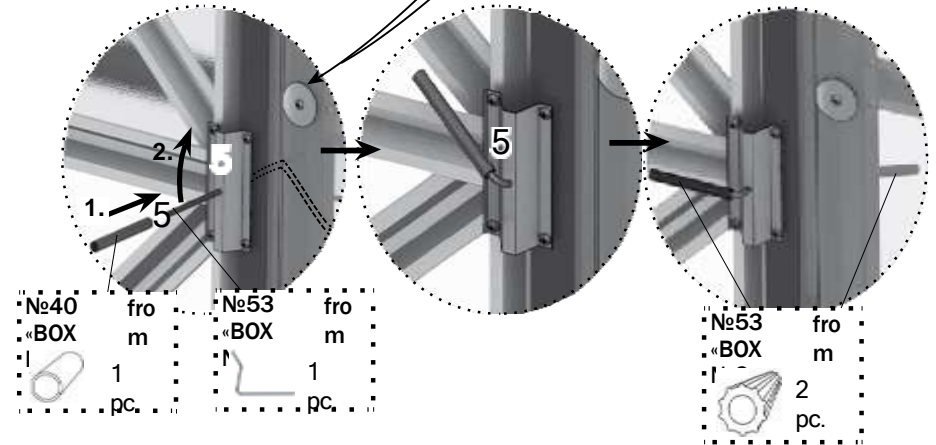
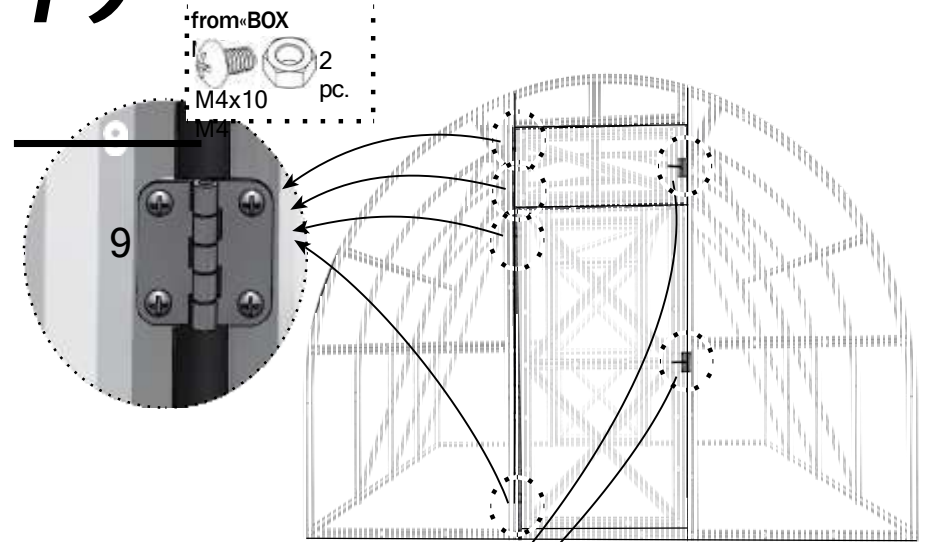
18-1



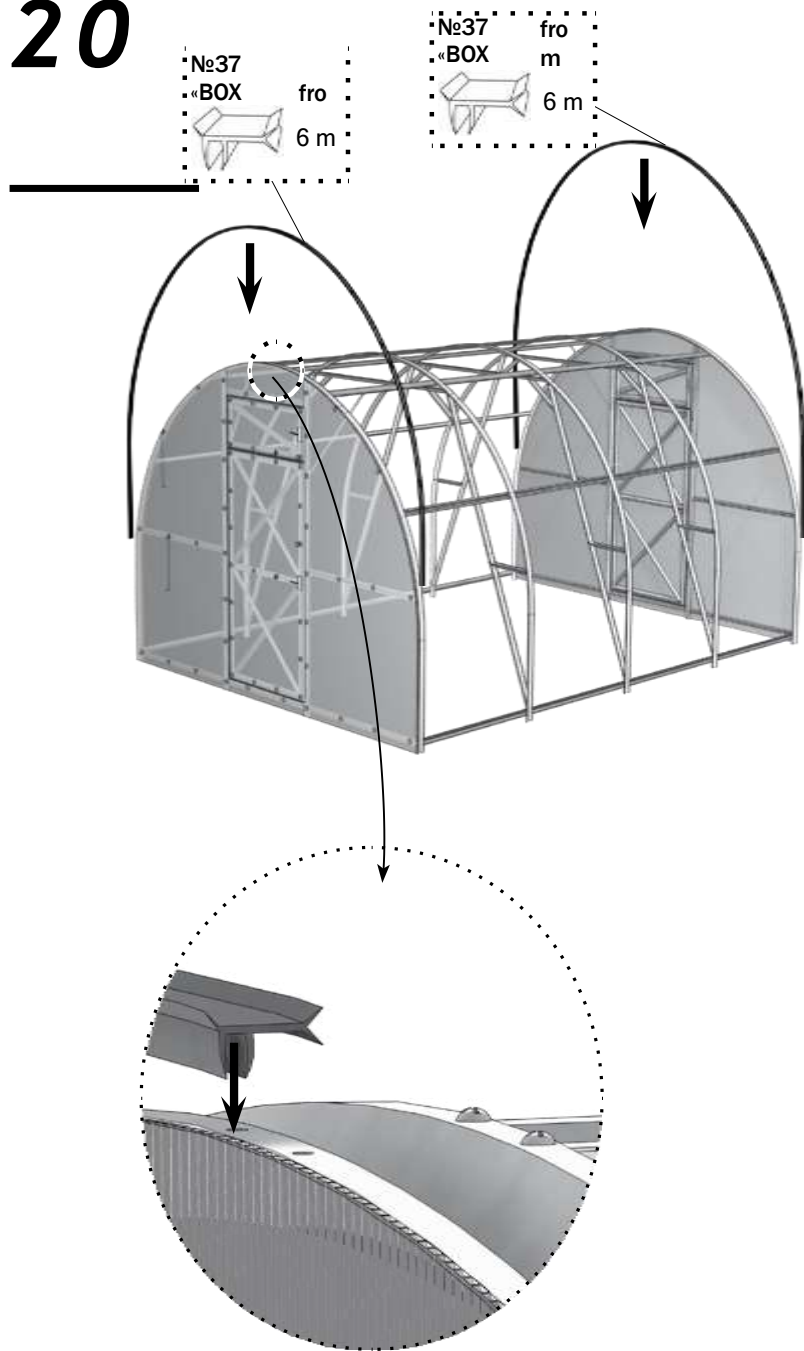
18-2



19

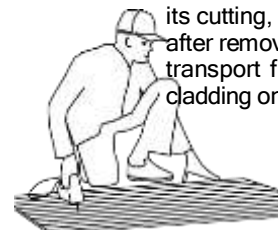


20

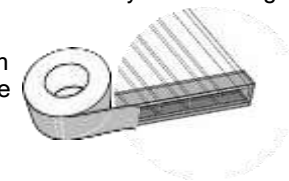


21

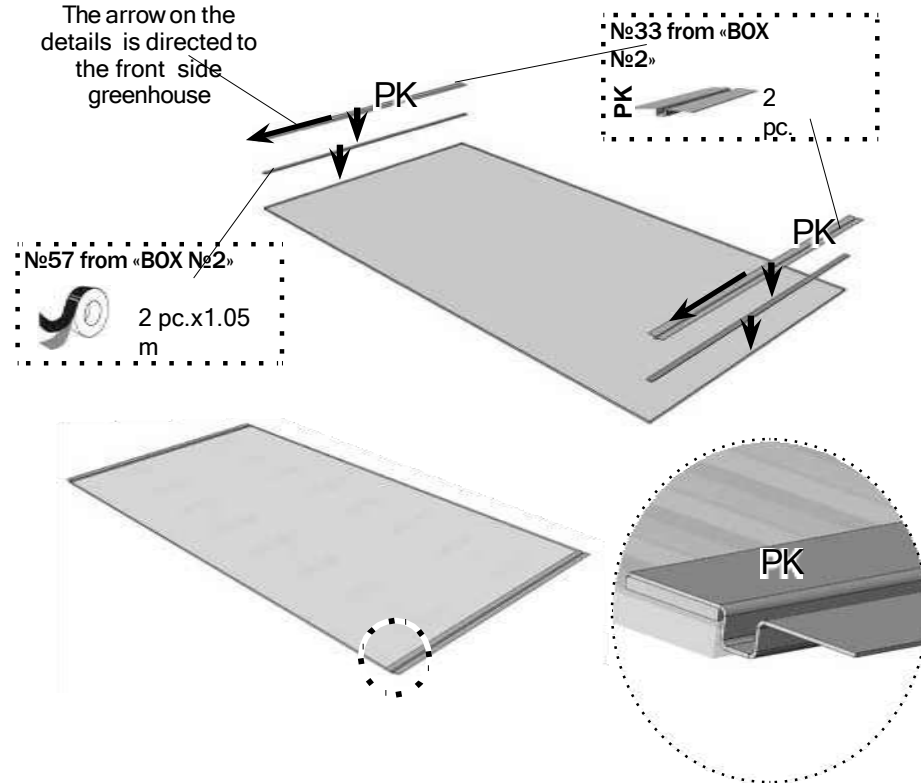
Cellular polycarbonate shall be installed strictly defined side out (towards the sun), which has a protective layer. The protective layer is usually at the side with the inscriptions on the transport film. The film on the other side of sheet is transparent. After marking the sheet, but prior to its cutting, make a mark on the protected side of the sheet for each piece: after removal of the transport film sheet sides are not visually different. The transport film is stripped from both sides immediately before fixing the cladding on the frame.



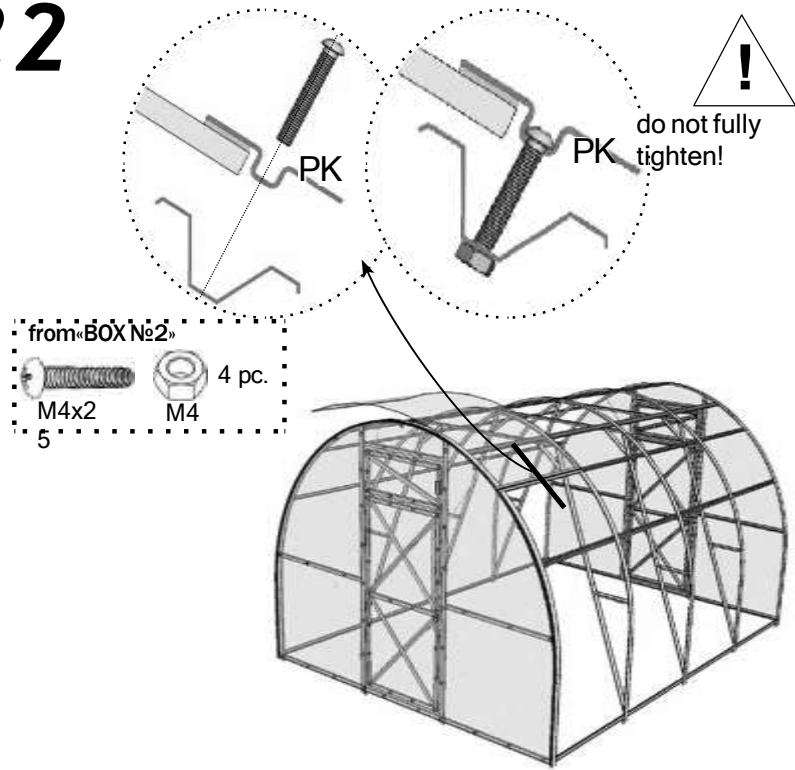
Sections of polycarbonate with open honeycombs should be covered by adhesive tape.



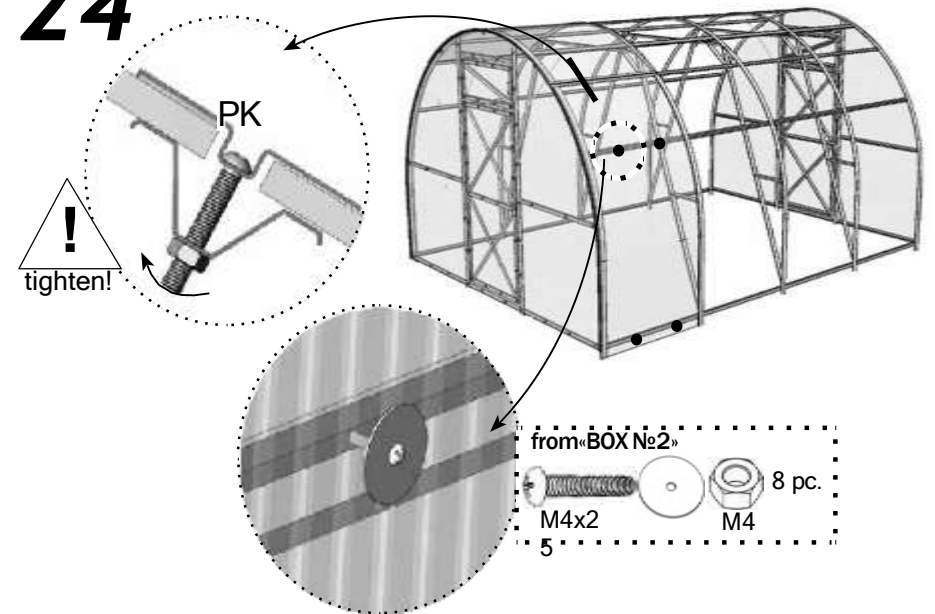
The arrow on the details is directed to the front side greenhouse



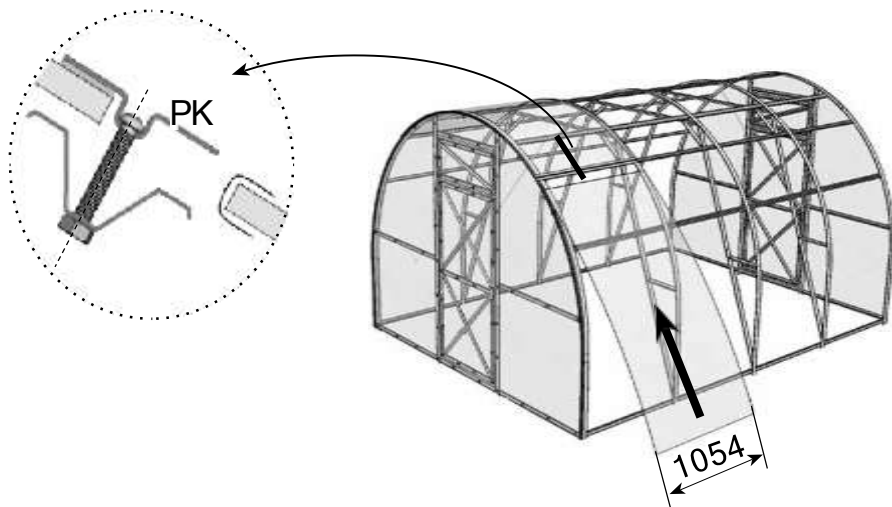
22



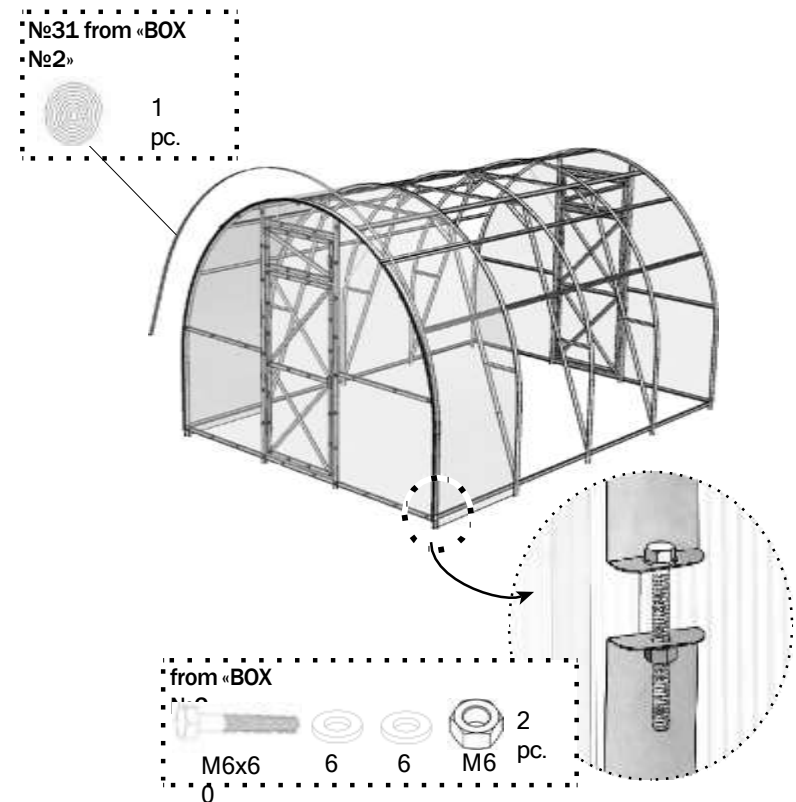
24



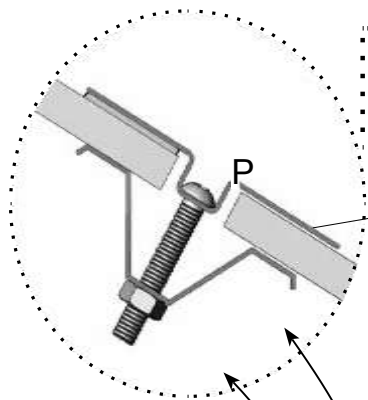
23





25



26



№57 from «BOX №2»

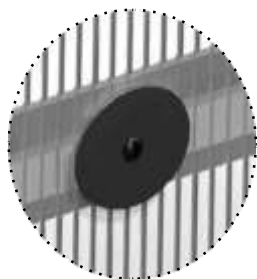
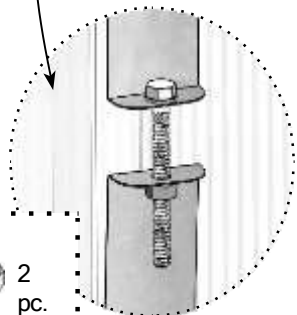
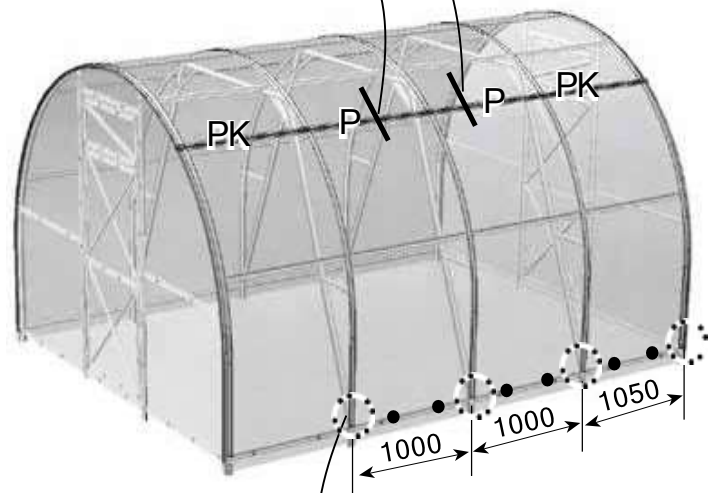
 2 pc.x1.05 m
 4 pc.x1.0 m

№34 from «BOX

 4 pc.

№33 from «BOX

№2»
 2 pc.



from «BOX

 M6x6 6
 6
 6
 M6 2 pc.

0

6

Contact information

Austria



Belgium



Croatia



Denmark



Estonia



Finland



France



Germany



Ireland



Italy



Latvia



Lithuania



Nederland



Norway



Poland



Portugal



Spain



Sweden



Switzerland



UK

