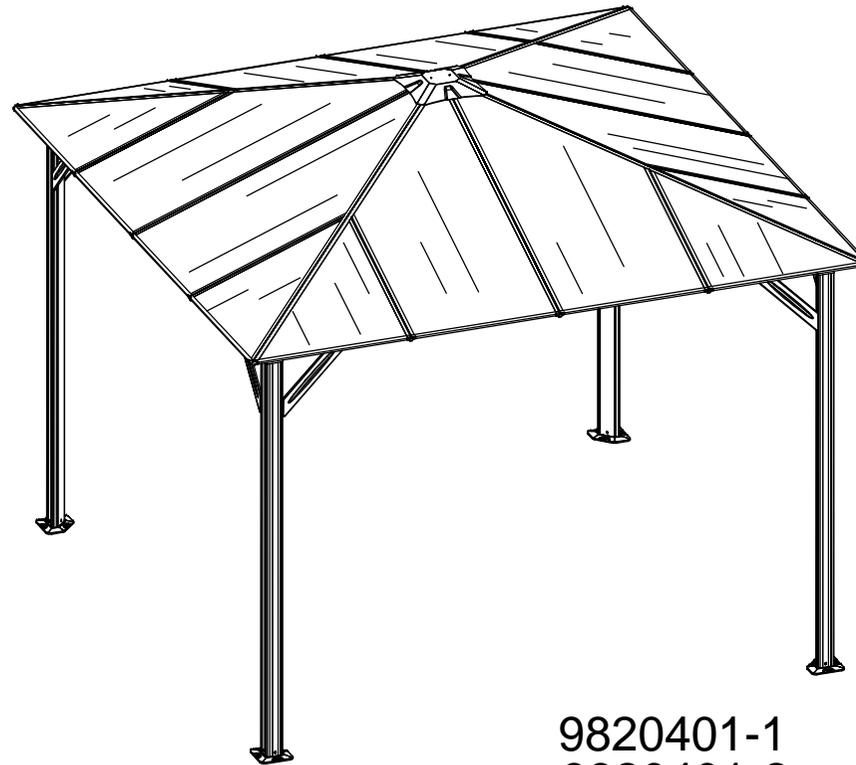


Aluminum Pavilion

Instruction manual

size/cm:297Lx297Wx196/252H
size/inch:117Lx117Wx77/99H



9820401-1
9820401-2

IMPORTANT

You must read these instructions carefully before you start to assemble this pavillon. Please ensure that you find all parts in the carton box in the correct type and quantity as mentioned in the list illustrated in every page accordingly.

Please carry out the steps in the order set out in these instructions.

Do not tighten the steps in the Aluminum Pavilion until completing on the assembly of the polycarbonate panels.

Keep these instructions in a safe place for future reference.

SAFETY ADVICE

We strongly recommend the use of work gloves during assembly.
Do not attempt to assemble the Aluminum Pavilion in windy or wet conditions,
Do not touch overhead power cables with the aluminum profiles.
Always wear shoes and safety goggles when working with extruded aluminum.
Dispose of all plastic bags safely and keep them out of reach of children.
The Aluminum Pavilion must be positioned and fixed on a flat level surface.
Do not lean against or push the Aluminum Pavilion during construction.
Keep children away from the assembly area.
Do not position your Aluminum Pavilion in an area exposed to excessive wind.
Do not attempt to assemble this Aluminum Pavilion if you are tired, have taken drugs or alcohol or if you are prone to dizzy spells.
If using a step ladder or power tools ensure that you follow the manufactures safety advice.
Hot items such as recently used grills, blowtorches etc. must not be stored in the Wall shed.
Ensure there are no hidden pipes or cables in the ground before inserting the pegs.

GENERAL ADVICE

This is a multi-part assembly, Allow at least 3.5 hours for assembly.
Selecting a site-choose a sunny level position away from overhanging trees.
If you are fixing your Aluminum Pavilion directly to a solid concrete foundation use the pre drilled holes in the metal base supplied.
The component parts should be checked and laid out close at hand.
Keep all small parts(screws etc) in a bowl so they do not get lost.
Note that the door is hinged on the right hand side and therefore opens to the right space needed.
Keep roof clear of snow and leaves.

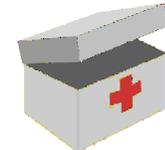
CARE & MAINTENANCE

When your Aluminum Pavilion needs cleaning, use a mild detergent solution and rinse with cold clean water.
Do NOT use acetone, abrasive cleaners or other special detergents to clean the clear panels.

TOOLS & EQUIPMENT REQUIRED

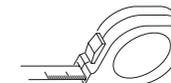
Protective Equipment:

1. Helmet
2. Glove
3. Long Sleeve Cotton Overalls
4. Emergency Medicine Cabinet
5. Eye Shield



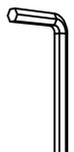
Measurement Tools:

1. Tape Measure (16.4 Feet)
2. Angle Square
3. Level Meter



Installation Tool:

1. Triangle Stairs ≈ 4.9 Feet Height
2. Spanner 10mm/(25/64) (Ratchet Wrench is better)
3. Spanner 14mm/(35/64) (Install the expansion screw)
4. Hexagon wrench 5mm(13/64)inch
5. Electric screwdriver+5mm(13/64)inch Hexagon wrench (suggest)
6. Wooden Mallet
7. Marking Pen
9. Percussion bit(10mm)(25/64)
10. Knife
11. Phillips screwdriver

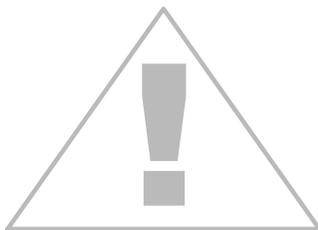


PRODUCT SIZE

Make sure to install at the right location

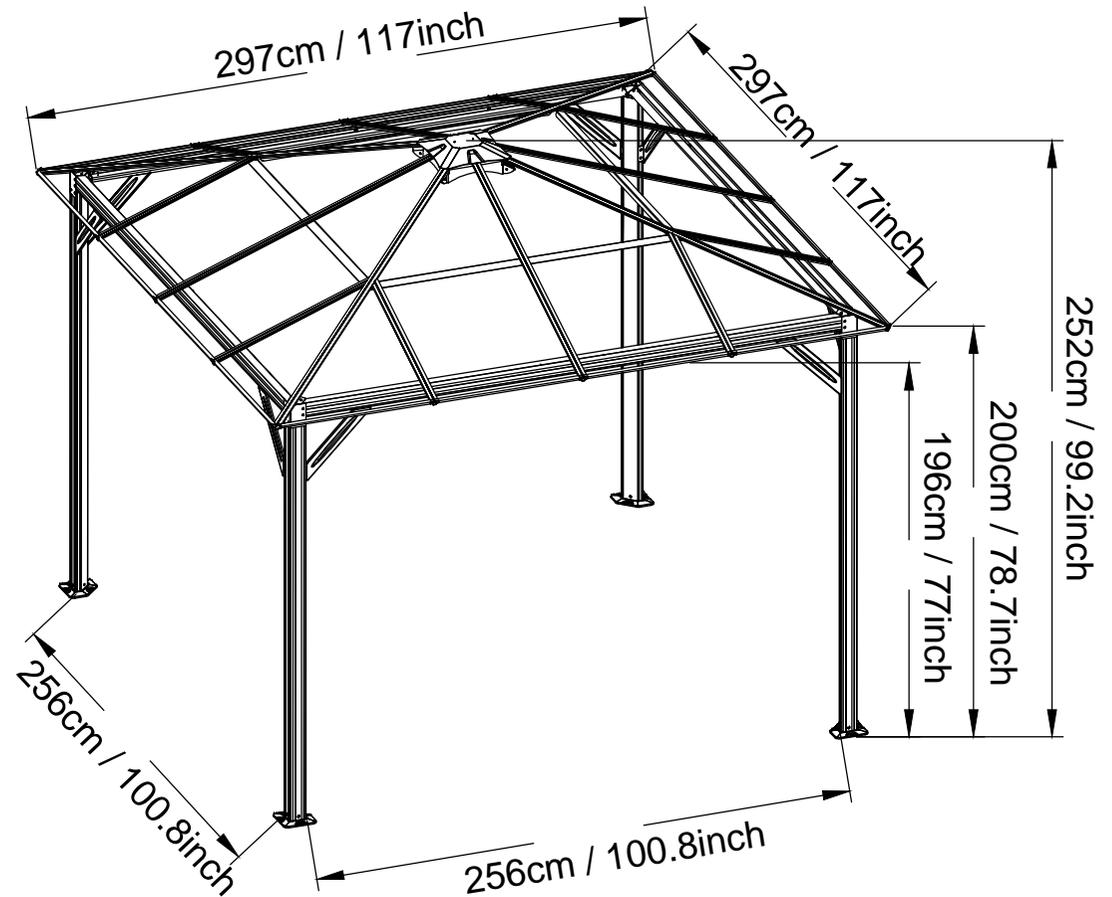
OTHER CAUTIONS

1. 4-5 people required, one is for measuring & taking marks to ensure the installation dimension ,the second person is responsible for the installation and the last one do as assistant and assure the safety.
2. High-power electric tools are required, ensure the normal work of them and pay high attention to electric safety.
3. Be careful when using the kind of blunt tools, like hammer.
4. Wear long sleeve cotton overalls,gloves and helmet during installation and wear safety glasses when using power tools .
- 5.Avoid looking up while working high up and avoid dropping screws that might hurt your eyes, and avoid suffocation that may be caused from screws facing into month.
6. No climbing, No standing on the tent to avoid falling down.
- 7.If injuries occur, please take immediate action to locate and use a first-aid kit. In case of emergency, please go to the nearest emergency room.



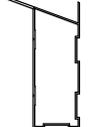
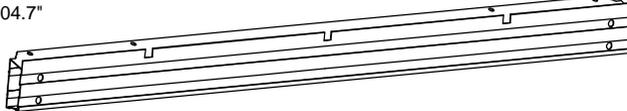
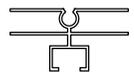
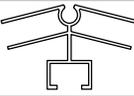
9820401-1

9820401-2



PARTS LIST

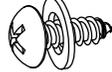
SKELETON

NO.	Qty.		
1	4		1950mm / 76.7" 
2	4		2660mm / 104.7" 
5	4		1423mm / 56" 
8L	4		806mm / 31.7" 
8R	4		806mm / 31.7" 
6	4		1950mm / 76.7" 
10	8		706mm / 27.8" 
11	8		748mm / 29.4" 
12	4		2548mm / 100" 

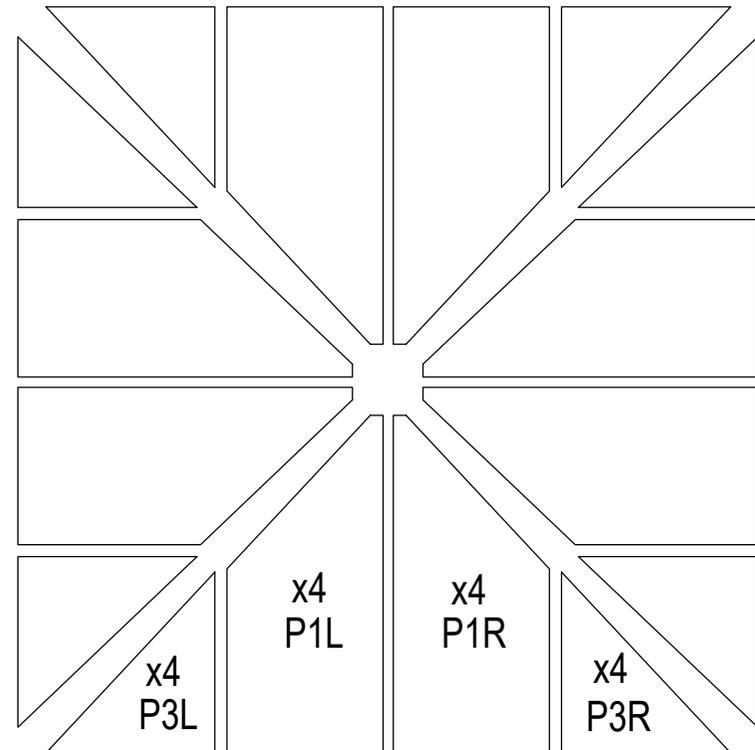
CONNECT

B1	1		B8	8		B13	8	
B2	1		B9	4	1497mm / 59" 			
B3	1		B10	12				
B5	4		B11	4				
B6	4		B12	4				

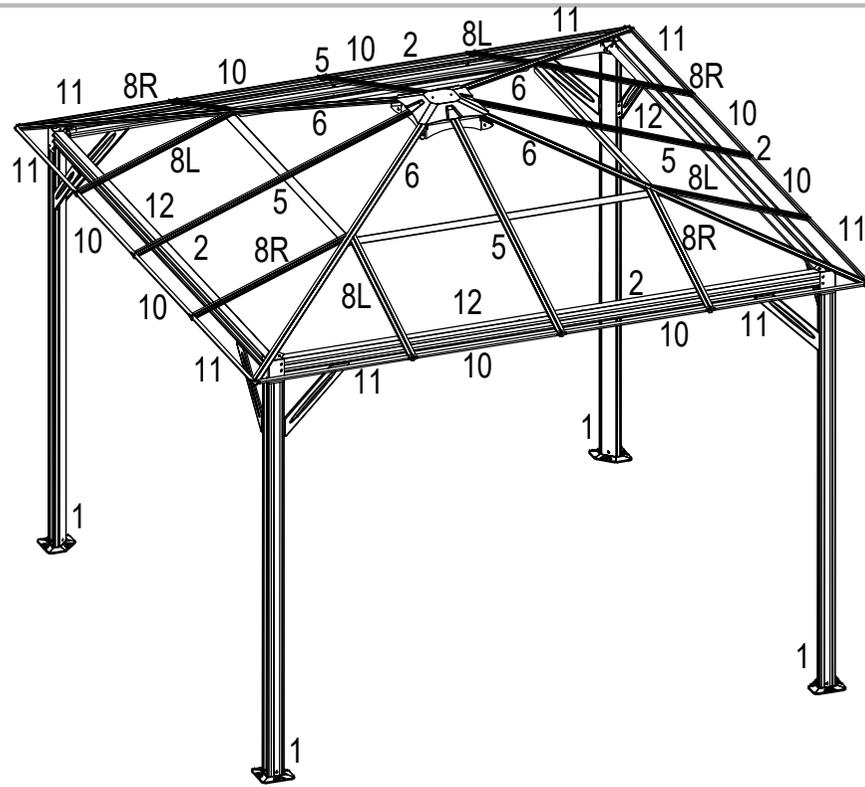
SCREW

F1	48		M6(15/64)	F6	2		M4(5/32)
F2	76		M6(15/64)	B15	12		
F3	12		M8(5/16)	S6	112		
F4	8		T4.8(3/16)	S8	12		
F5	32		T5(13/64)	S9	48		M6(15/64)

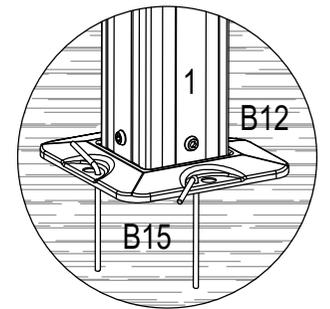
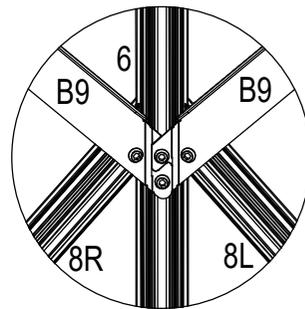
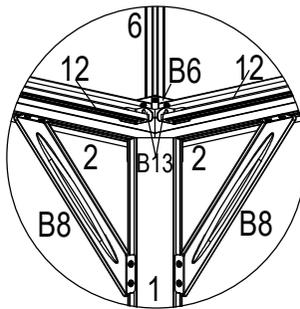
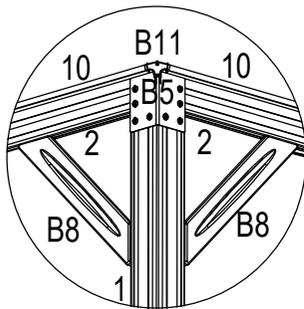
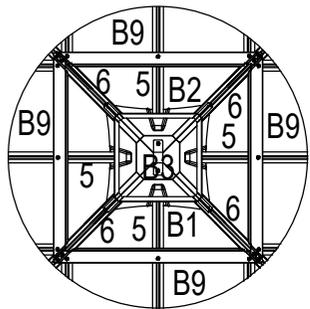
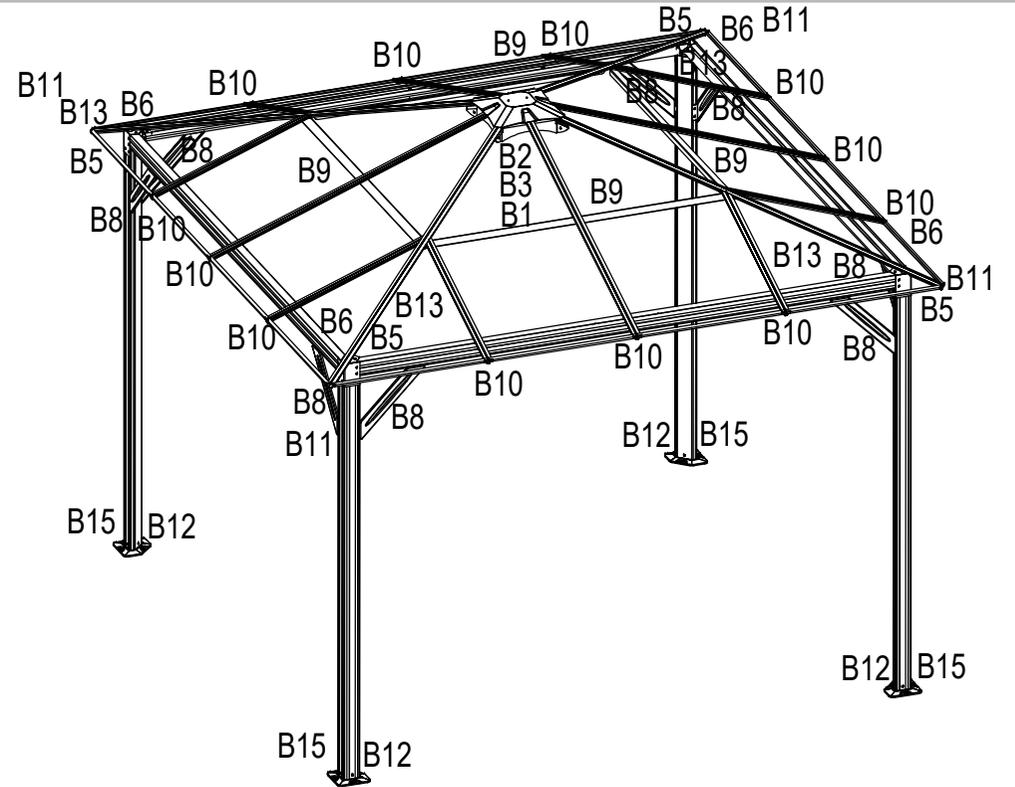
SUMMARY STATEMENT FOR POLYCARBONATE PANEL



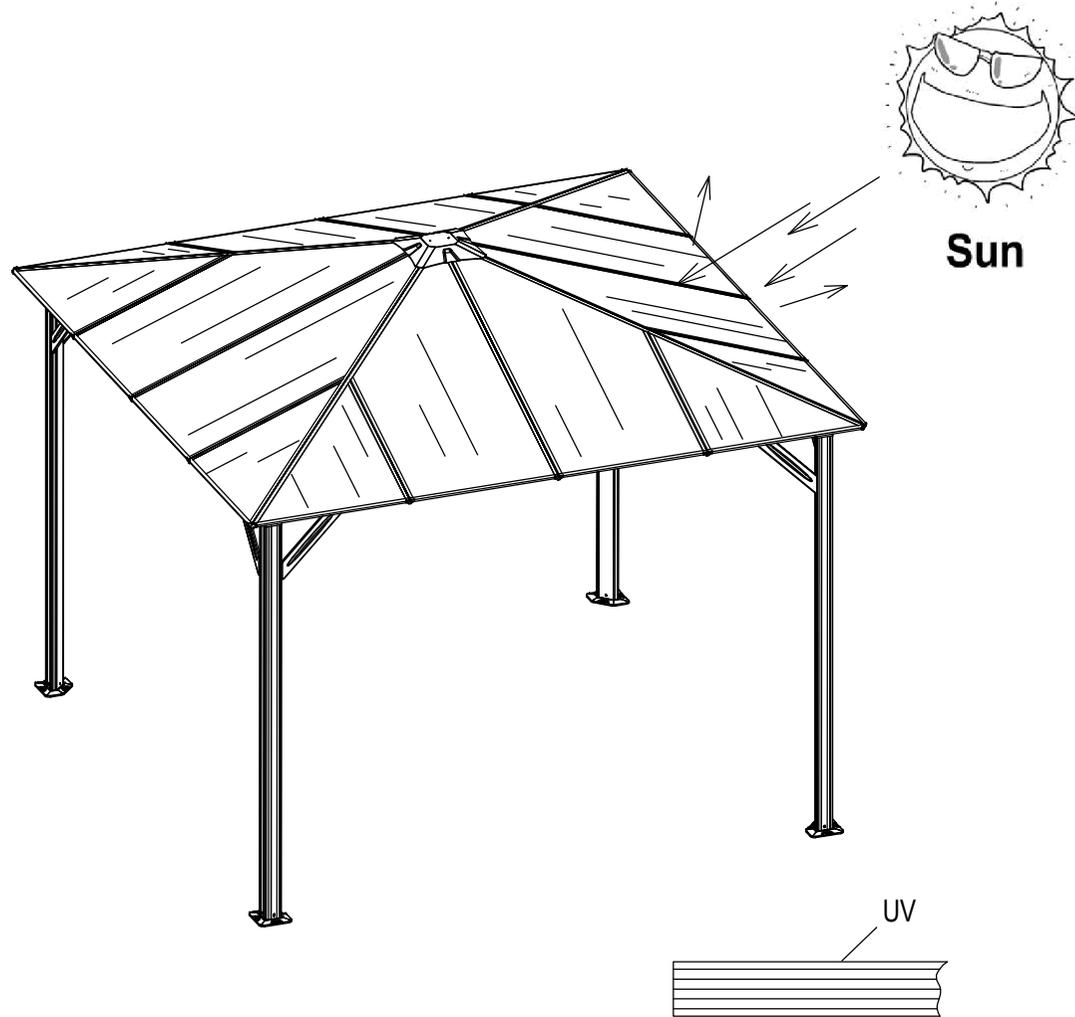
Schematic diagram of frames



Schematic diagram of connections



SUMMARY STATEMENT FOR POLYCARBONATE PANEL



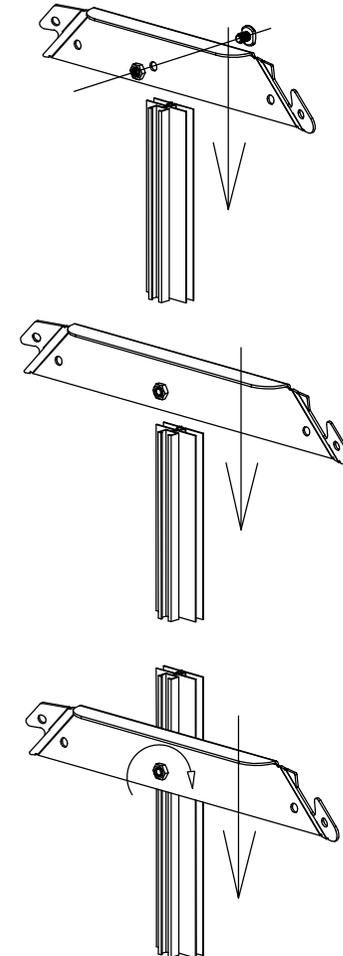
Face the white film side of panels towards the sun as they are UV-protected.

"hexagonal screw" installation

Place the "hexagonal screw" into the groove, turn clockwise until it stops turning.

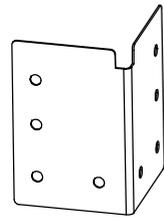
Adjust the "hexagonal screw" by hand and twist so threads fix it in place.

Place other parts on "screw" and assemble nut .

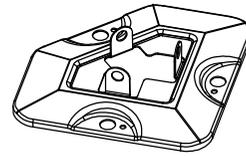




1 x4



B5 x4



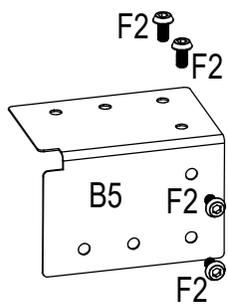
B12 x4



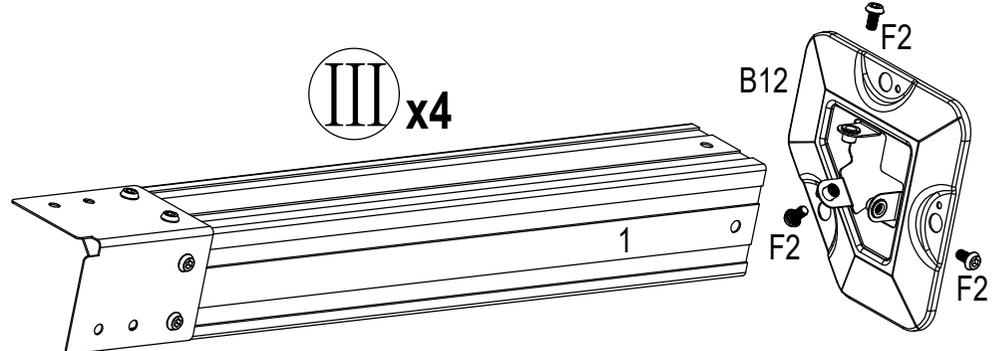
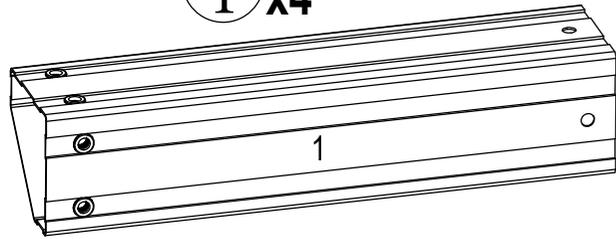
F2 x28



Columns Assembly

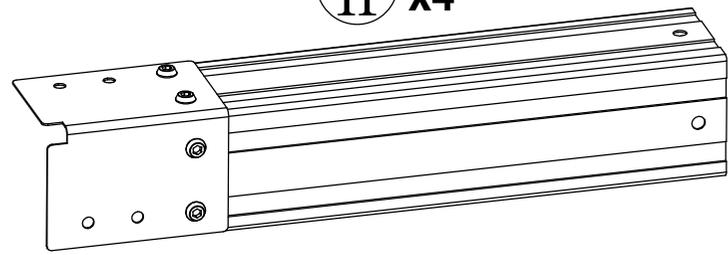


I x4

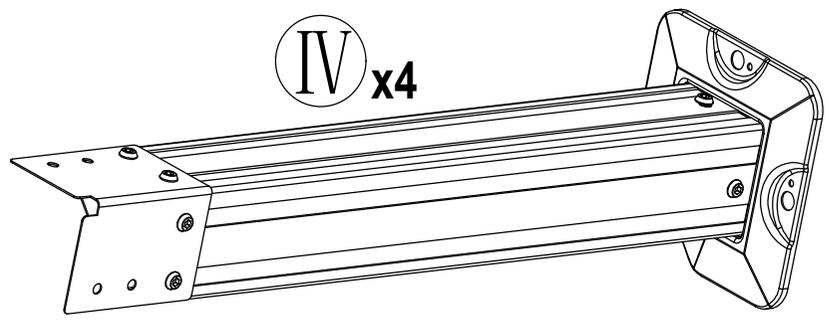


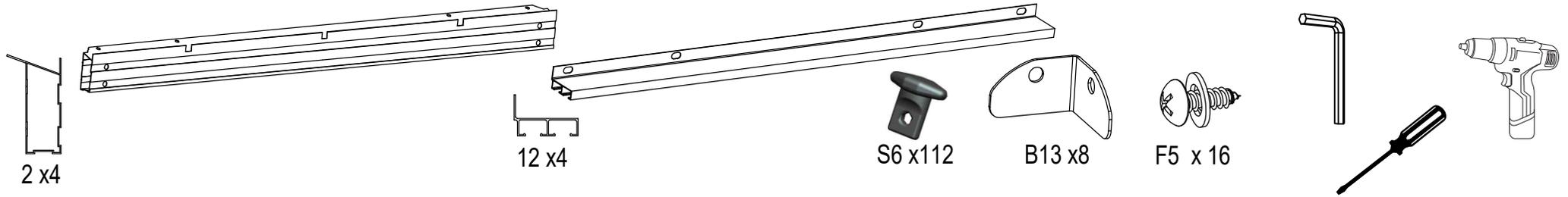
III x4

II x4

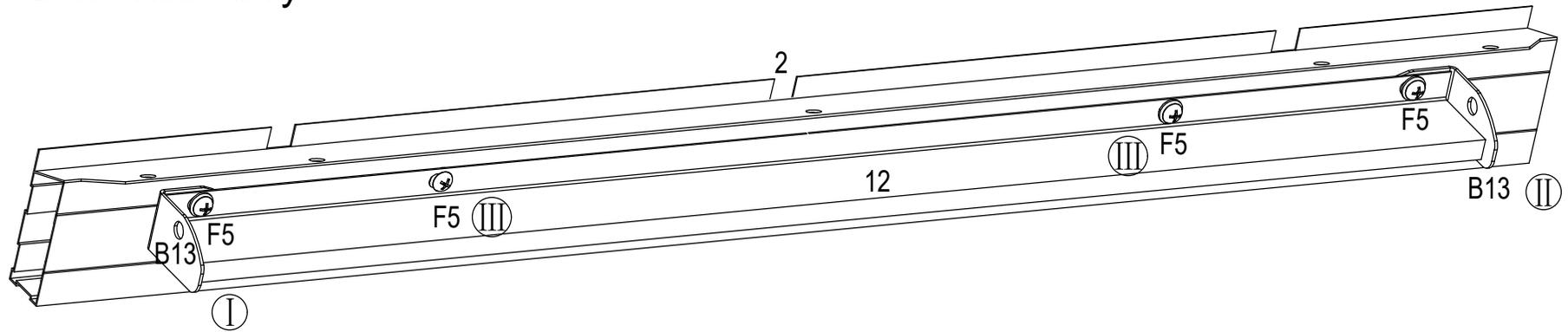


IV x4

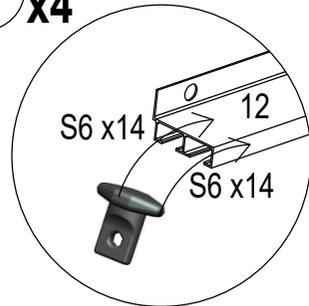




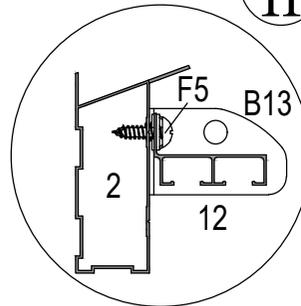
Beam Assembly



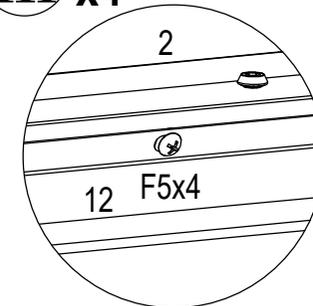
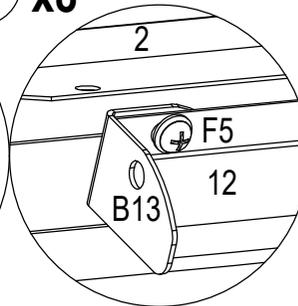
I x4



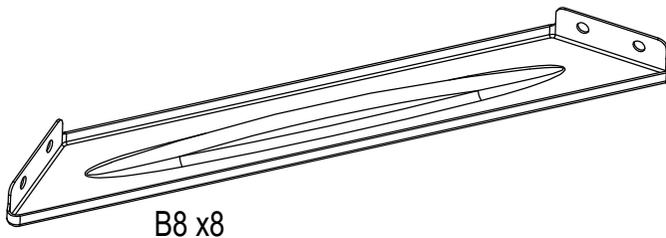
II x8



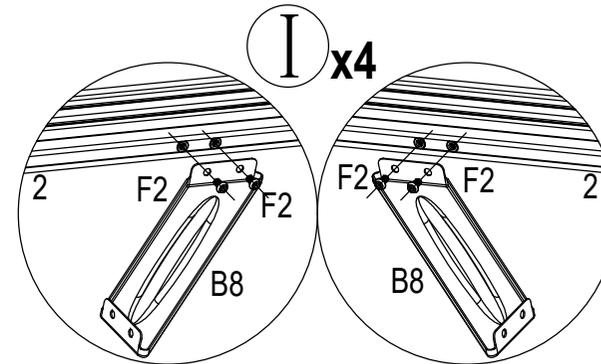
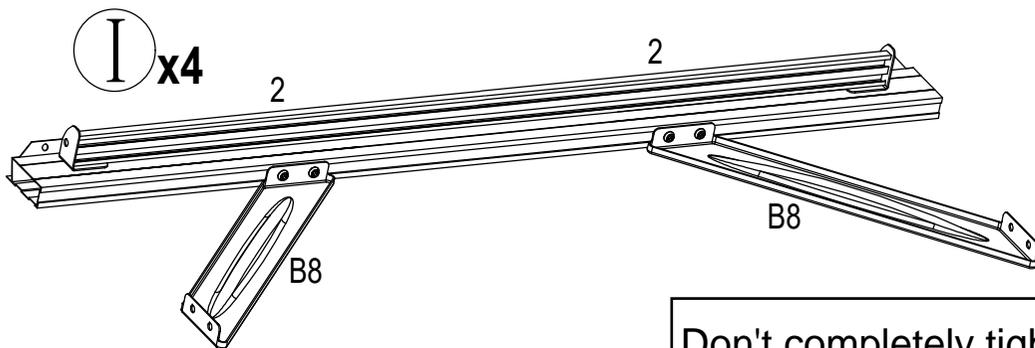
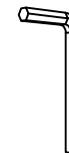
III x4



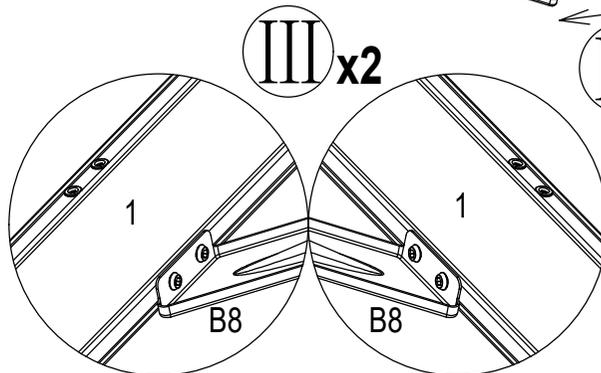
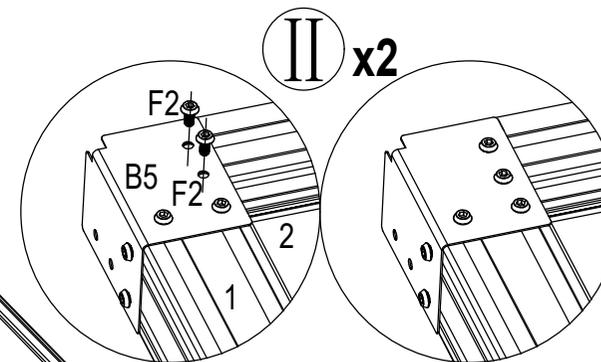
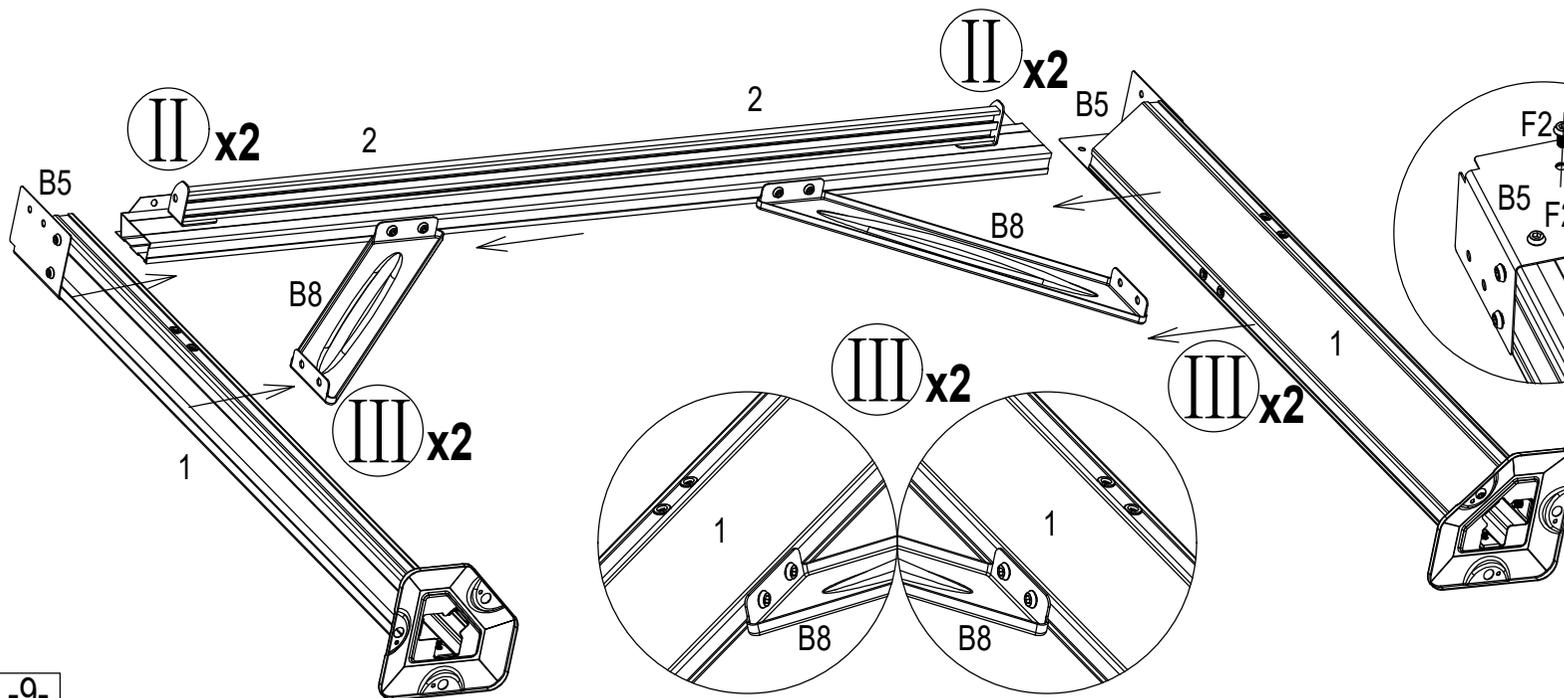
Connection among columns,
beams and studdles.

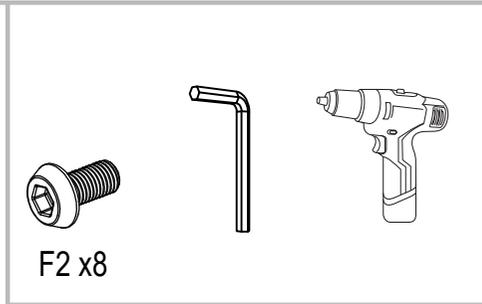
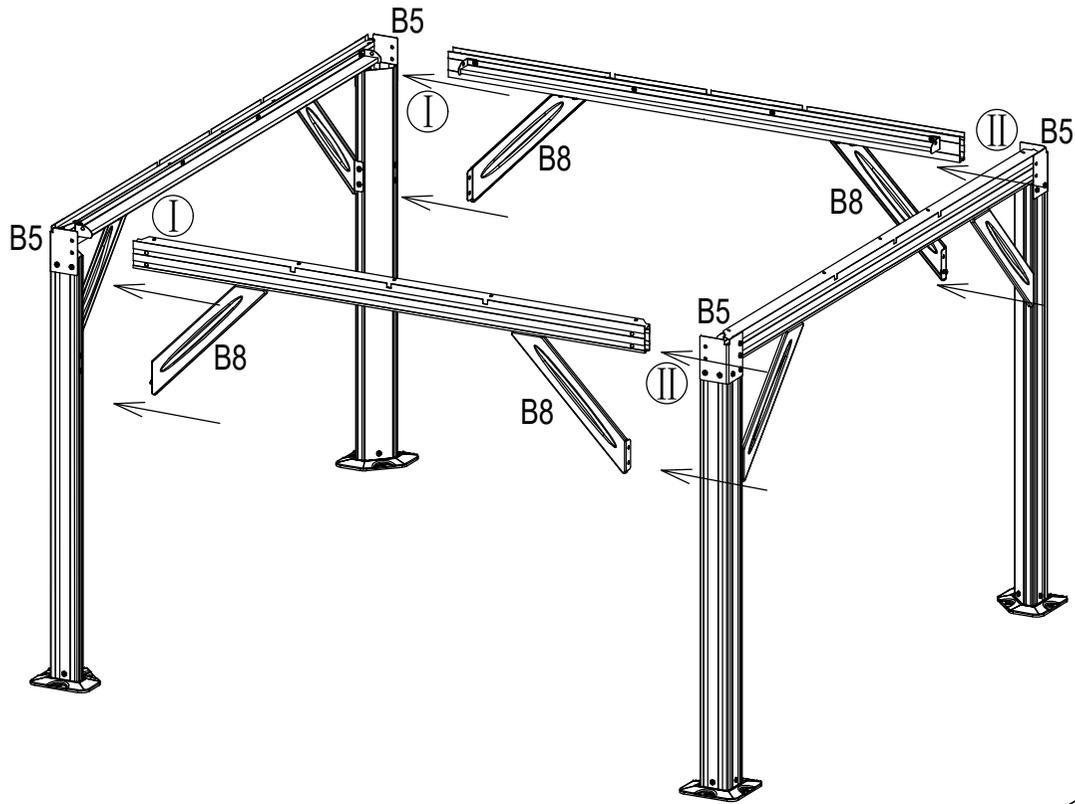


F2 x32

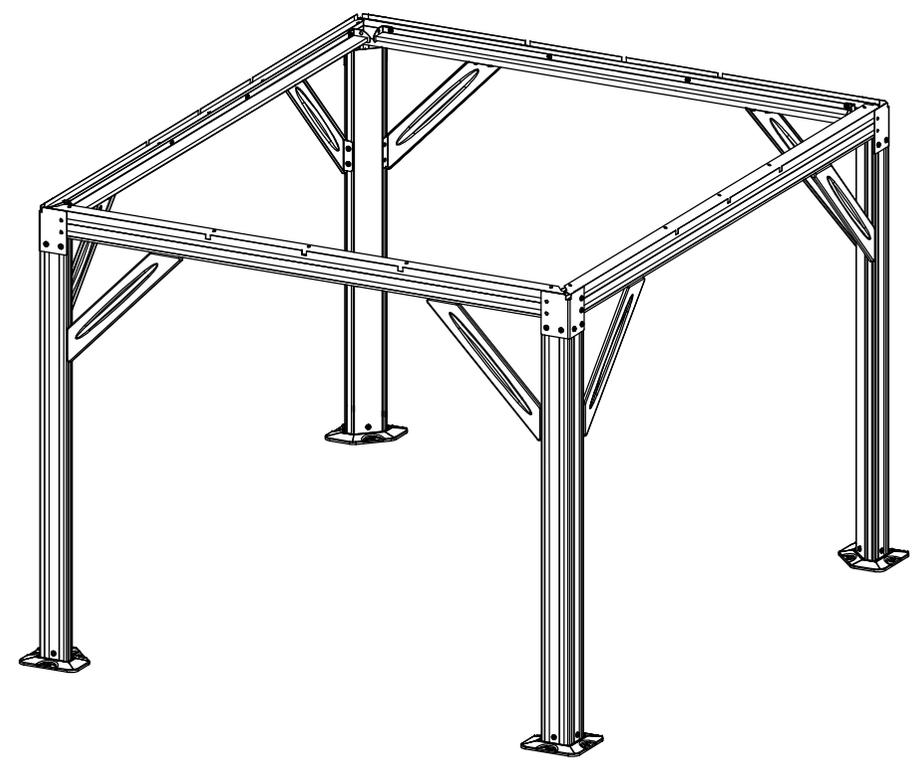
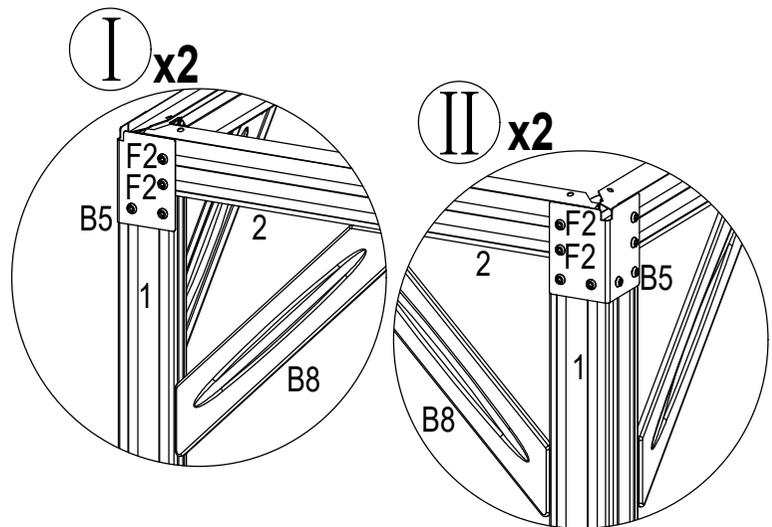


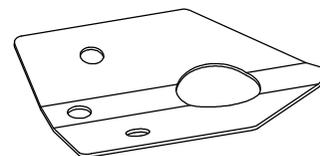
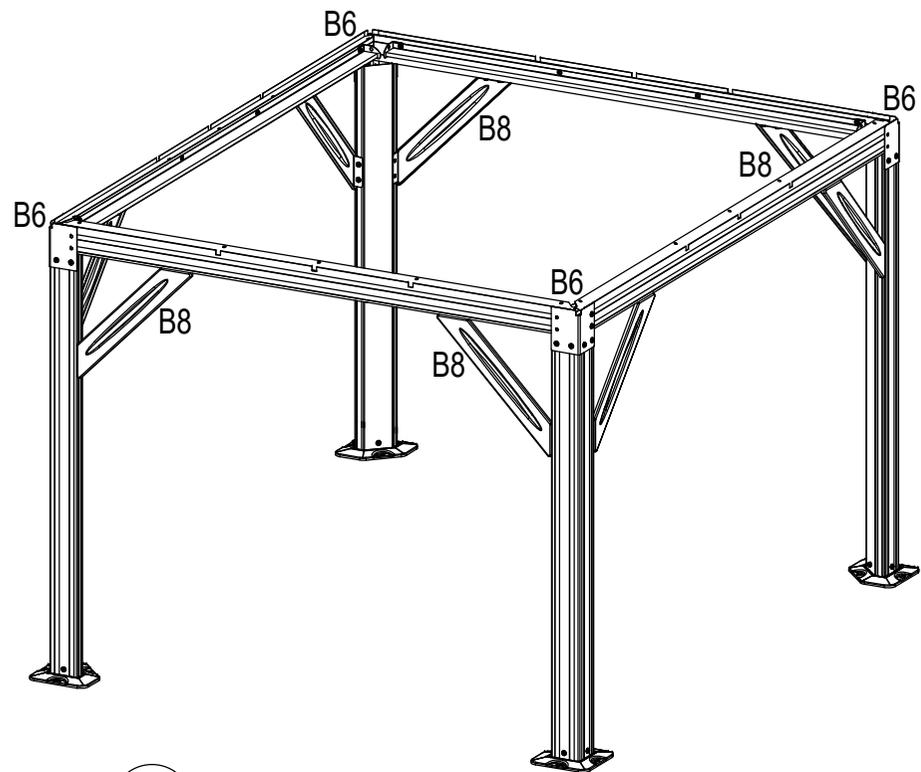
Don't completely tighten all screws.





Make sure the columns are vertical to the ground, and beams are horizontal.





B6 x4



F2 x8

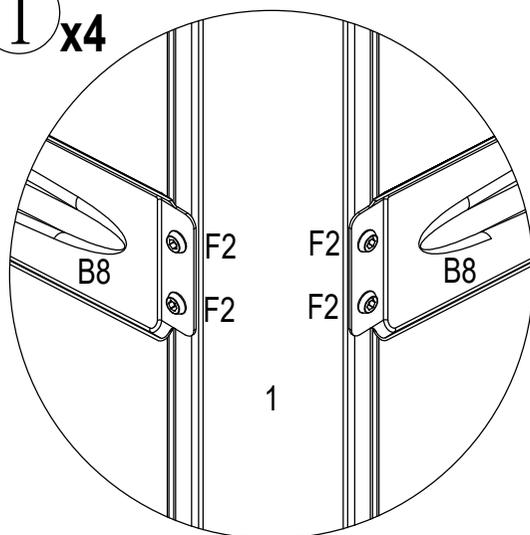


F1 x8

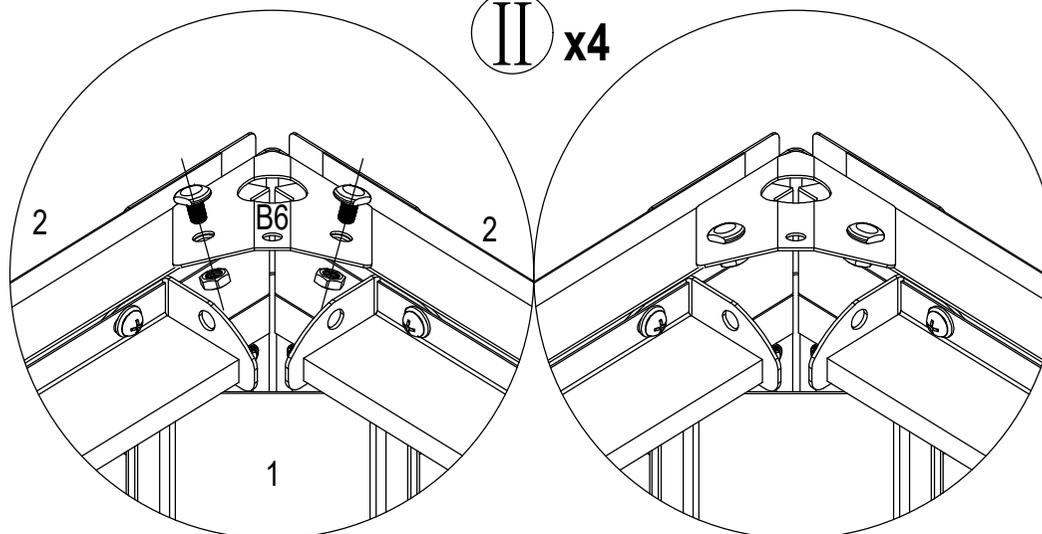


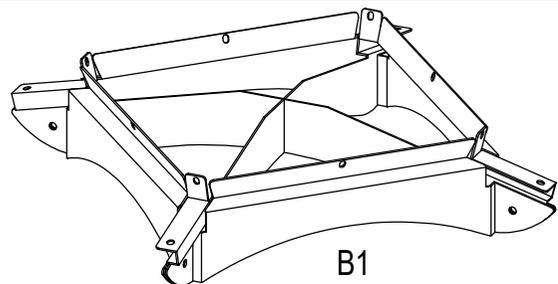
Tighten all screws by diagonals.

I x4



II x4

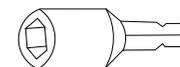




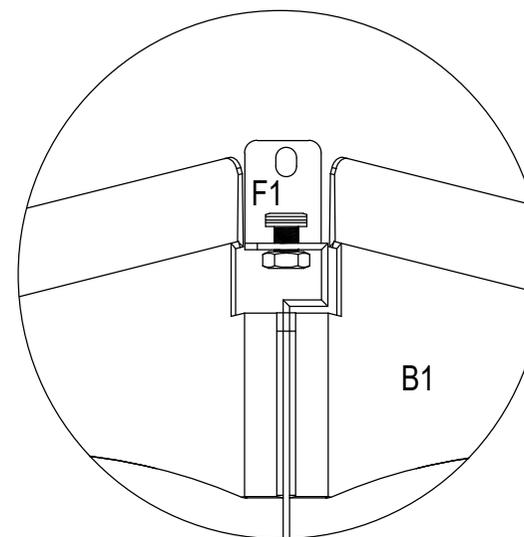
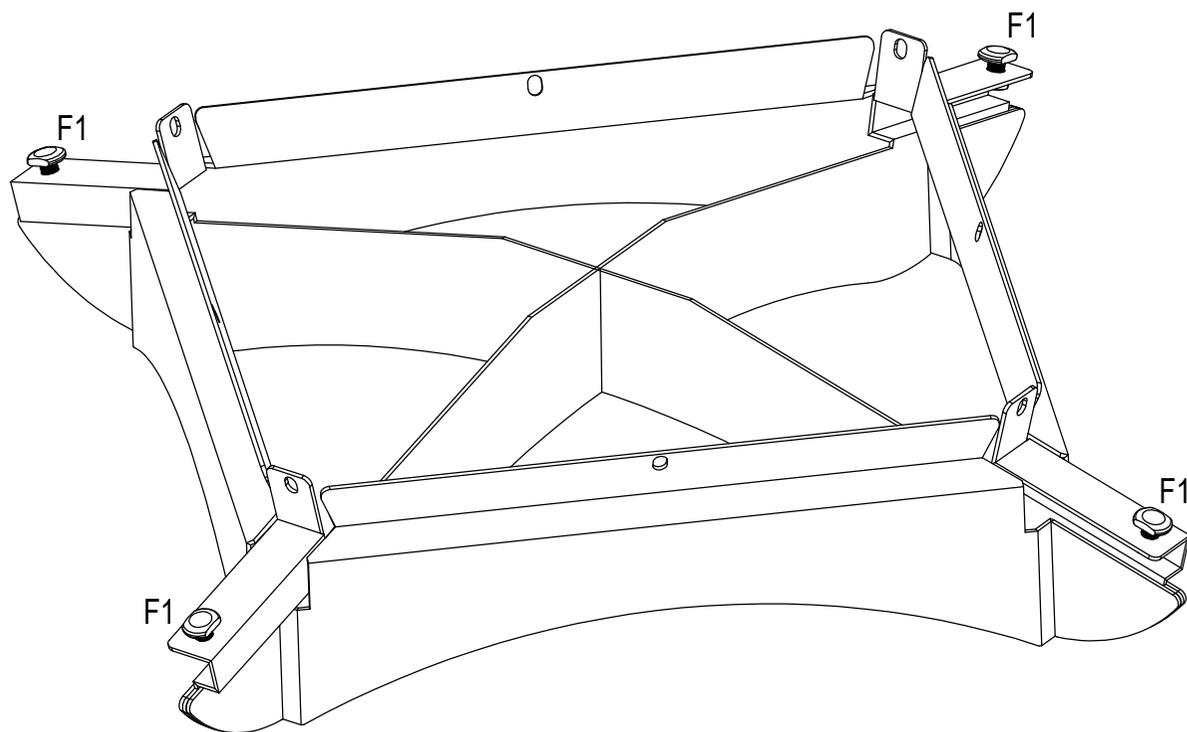
B1



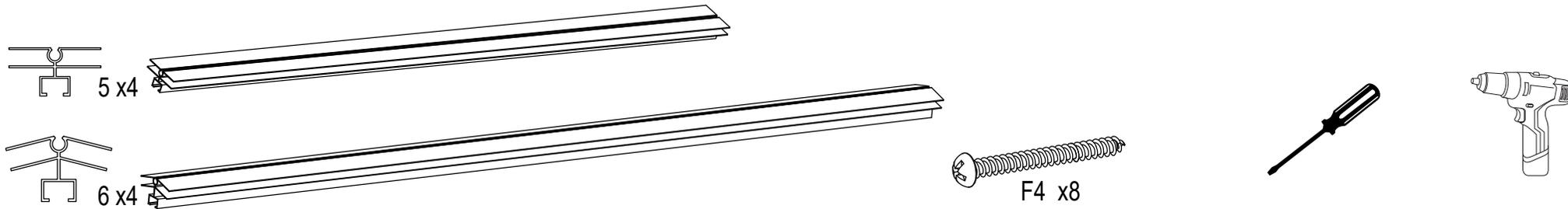
F1 x4



Preparation: Reserve F1 Screws before installing the roof.

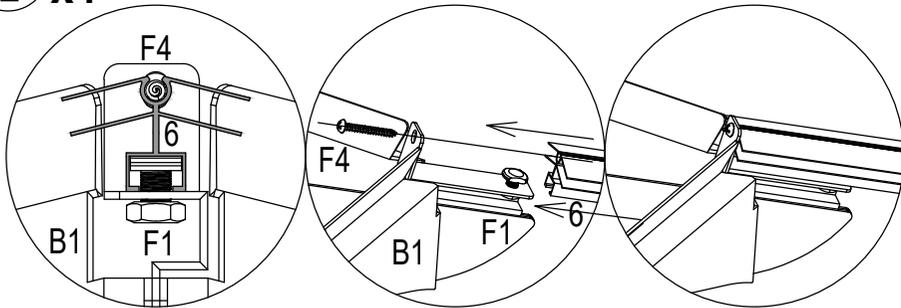


Do not tighten F1.

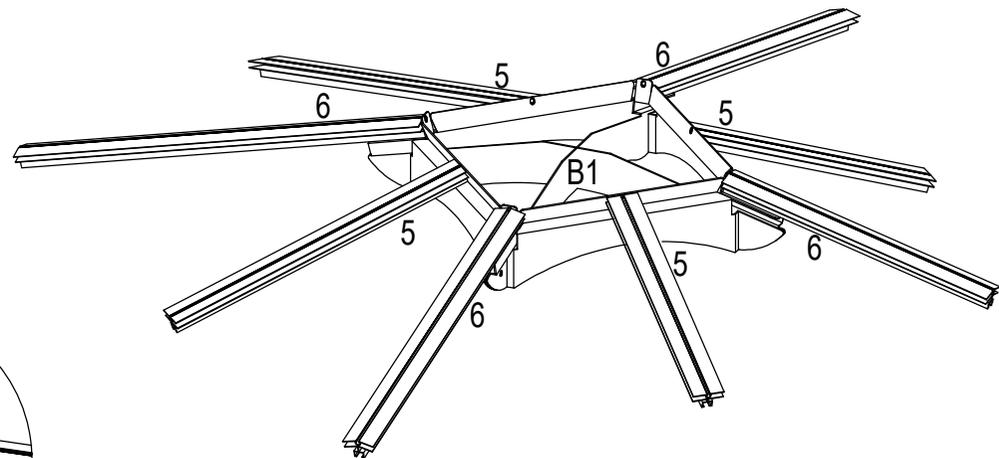


Skeleton Assembly.

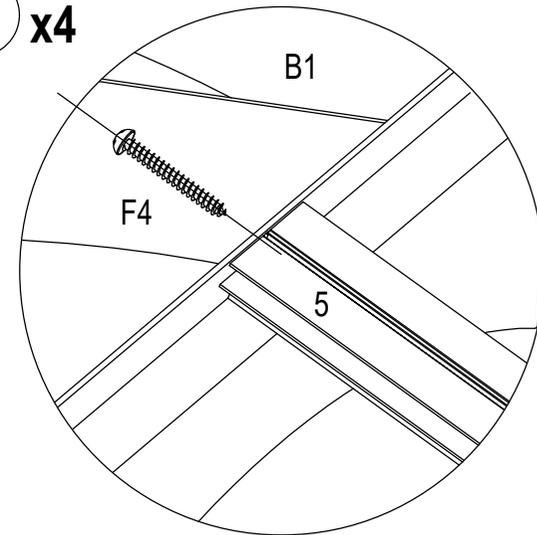
I x4

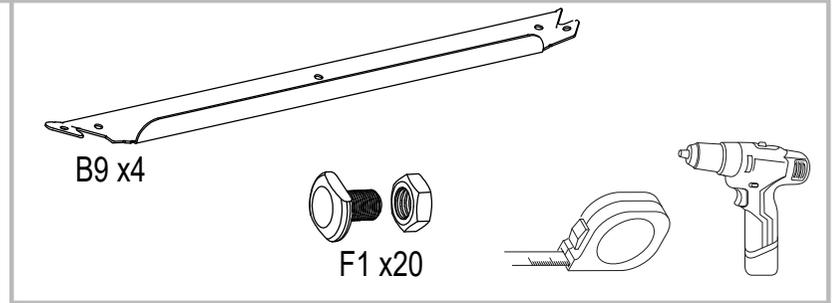
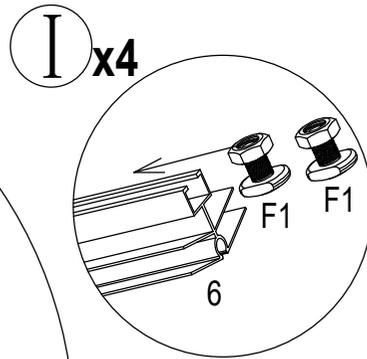
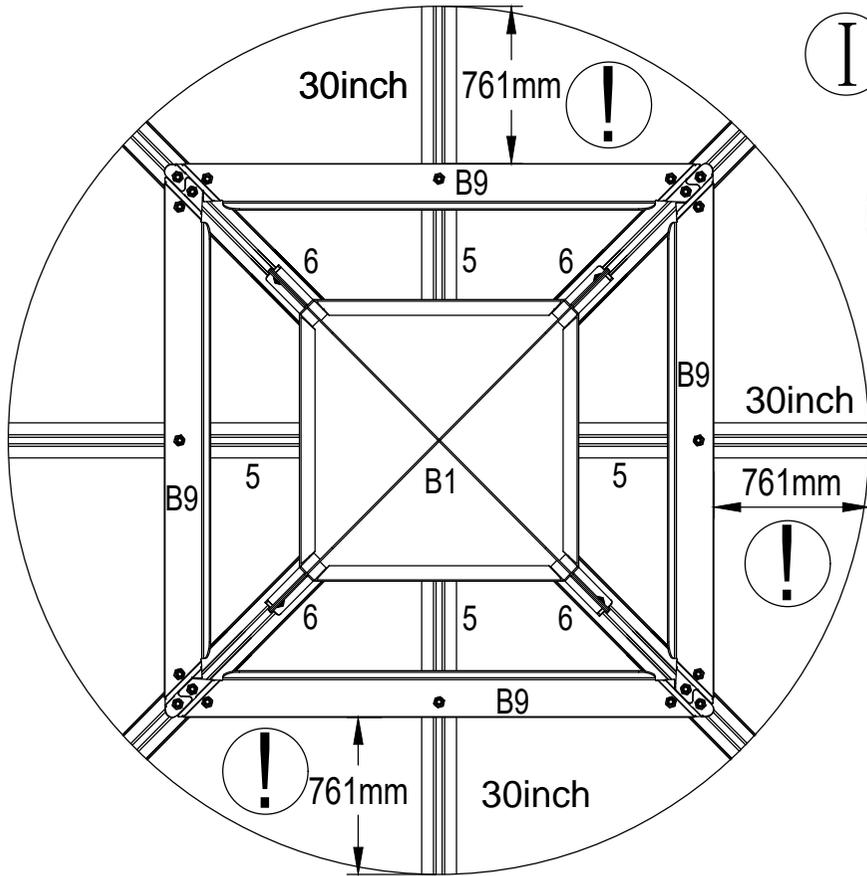


! F4 and F1 need tighten



II x4

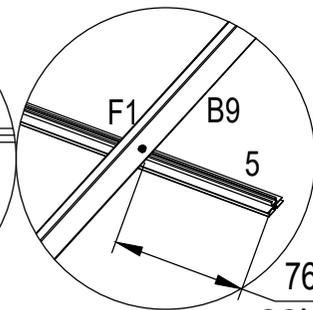
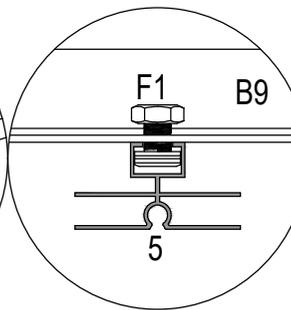
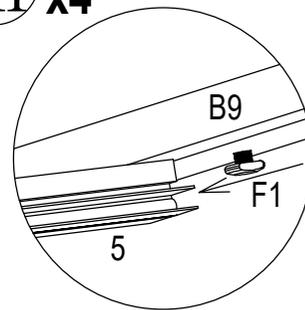




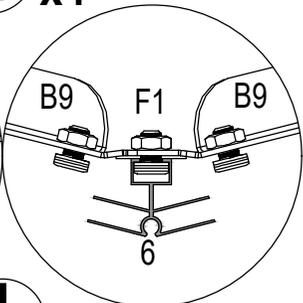
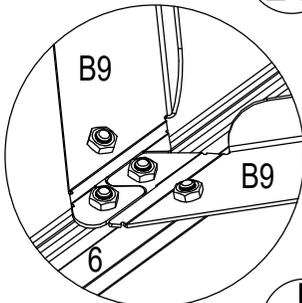
Roof stators installation



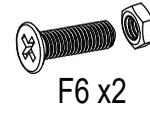
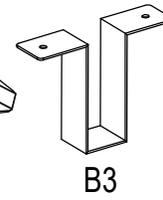
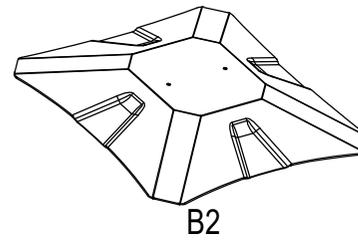
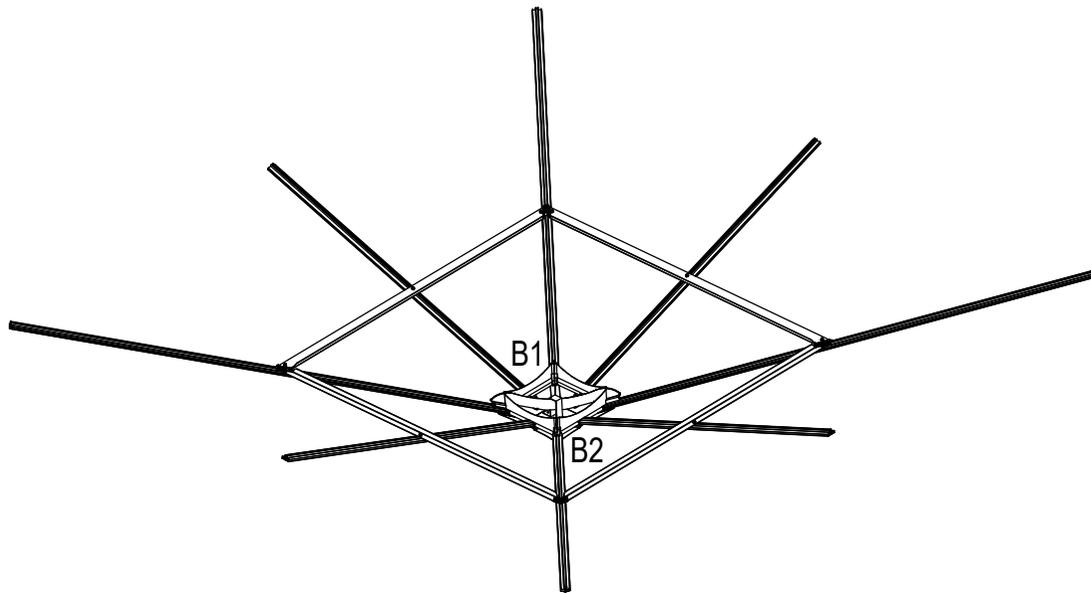
Do not tighten F1



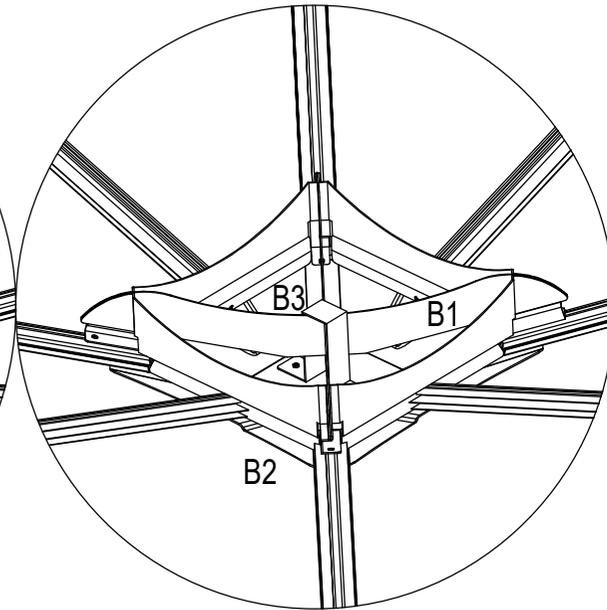
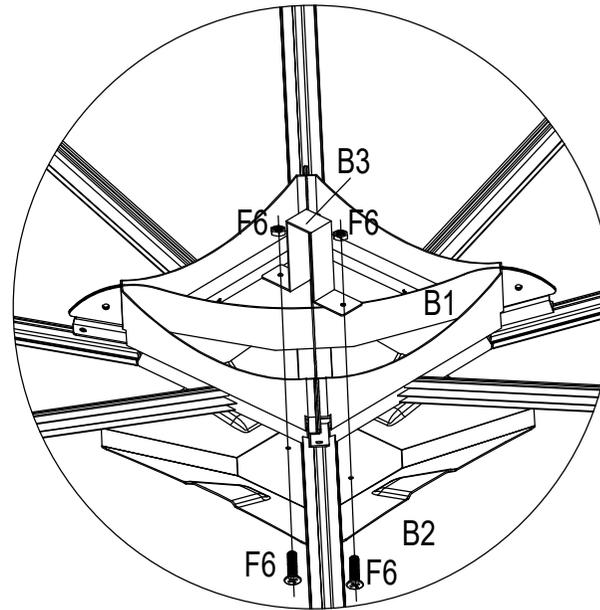
!
761mm±3
30inch±0.1



! F1 need tighten



Roof cap installation

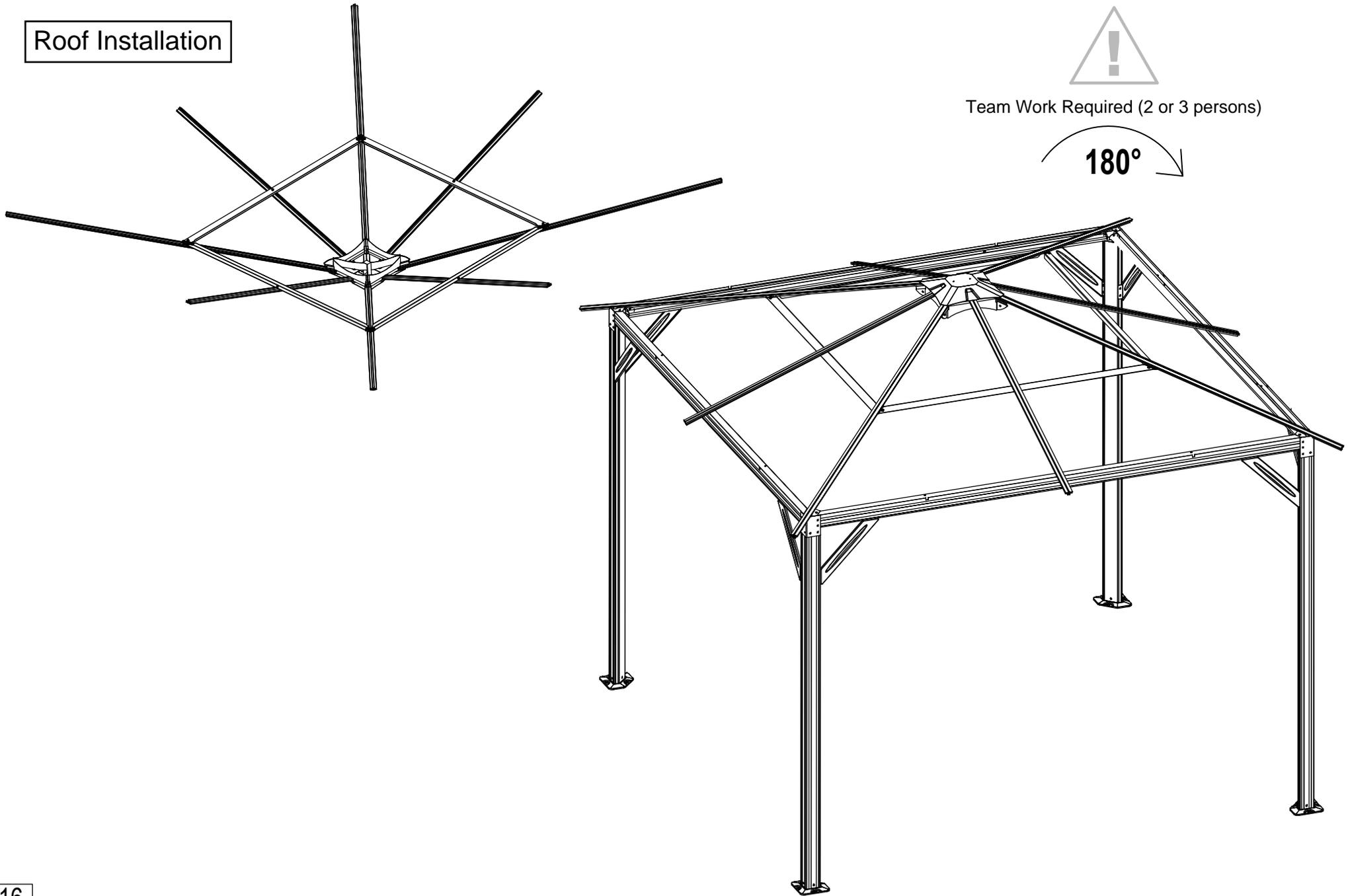


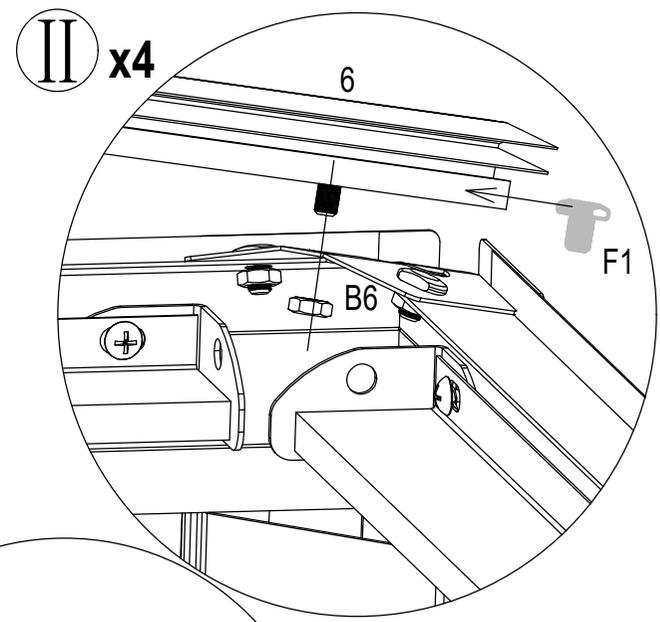
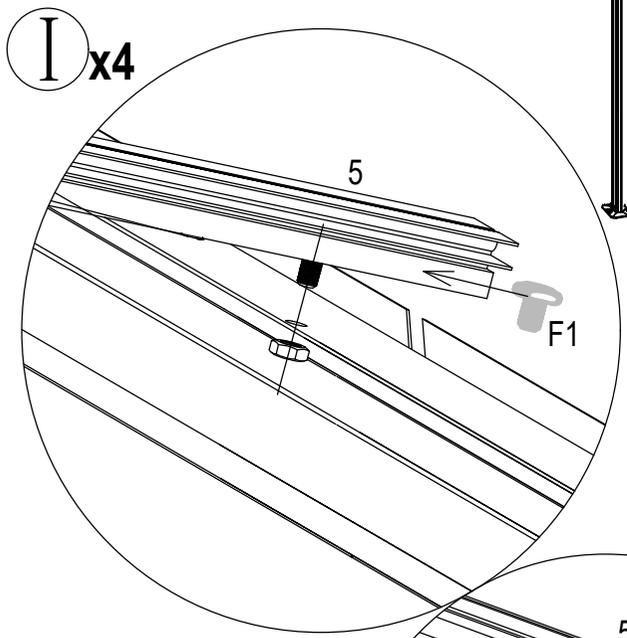
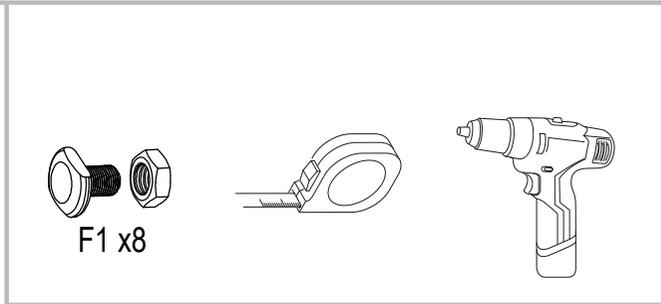
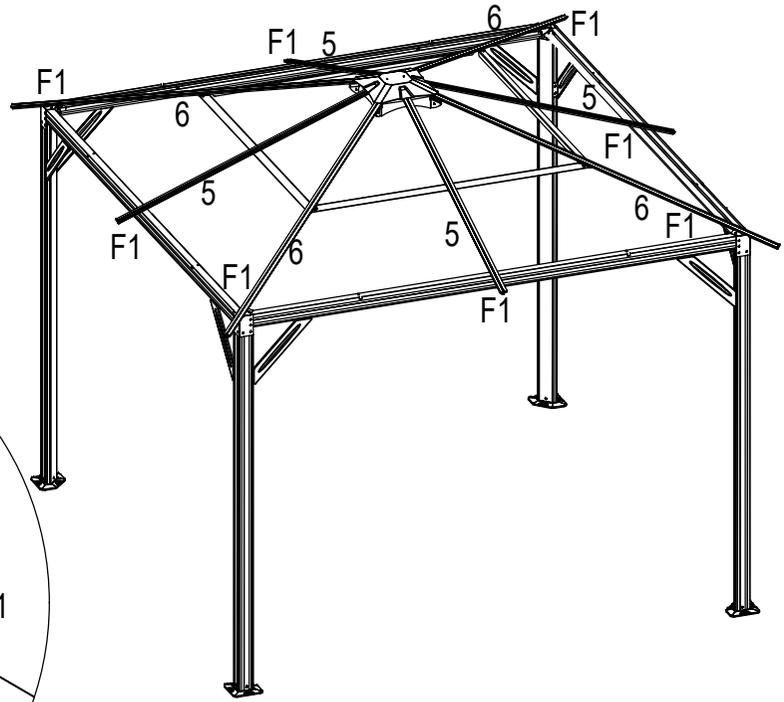
Roof Installation



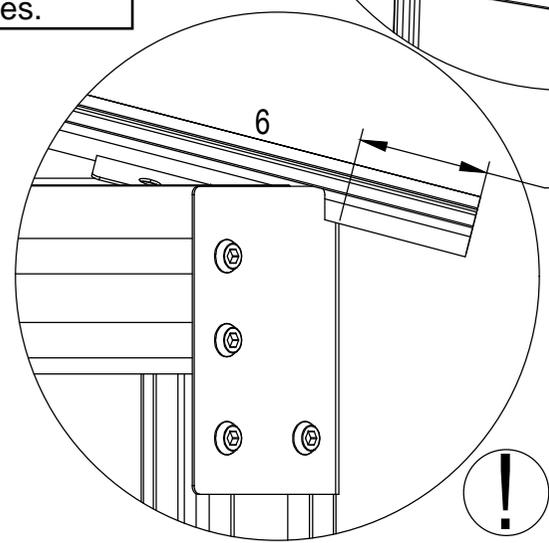
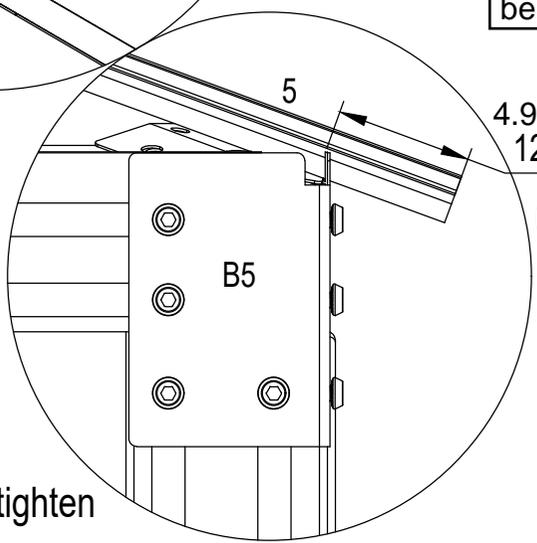
Team Work Required (2 or 3 persons)

180°



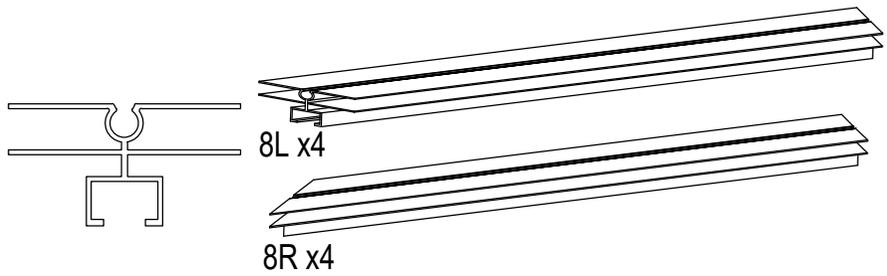


Make sure the measurements below are in tolerances.

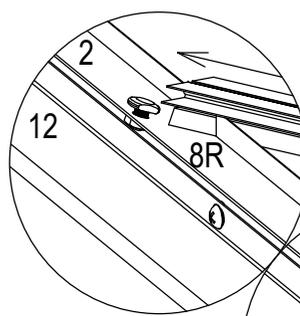
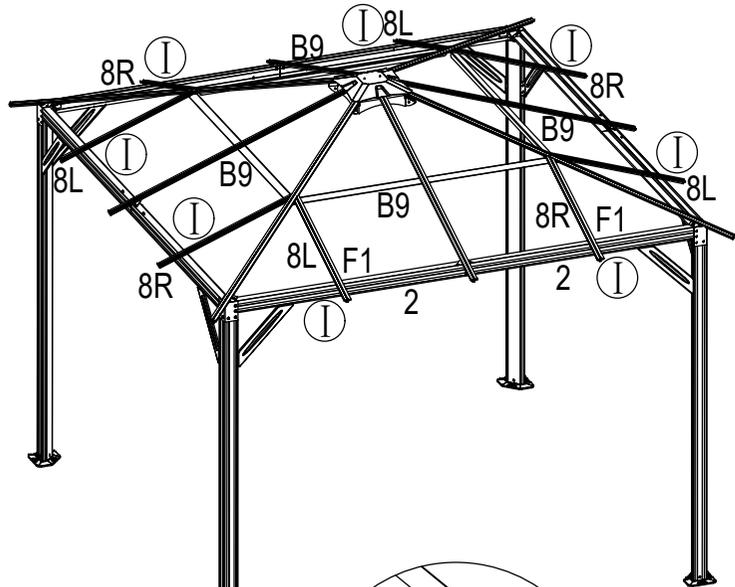
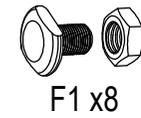


! F1 need tighten

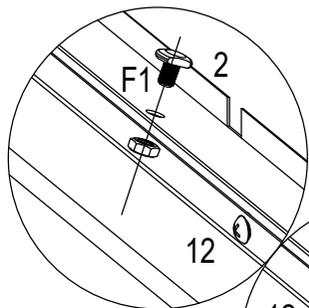
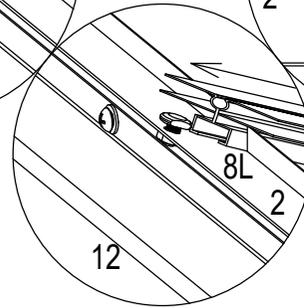
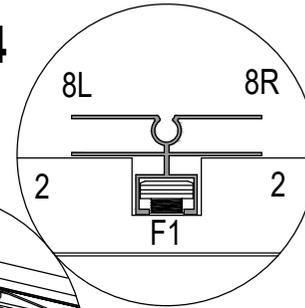
! F1 need tighten



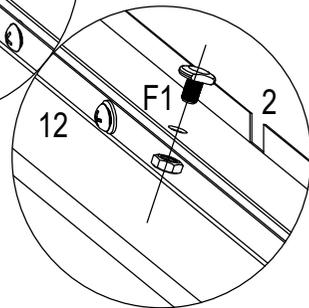
Studdles Installation



II x4

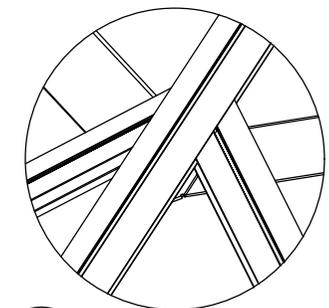
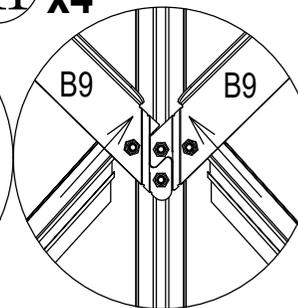
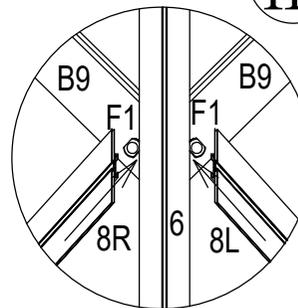


I x4



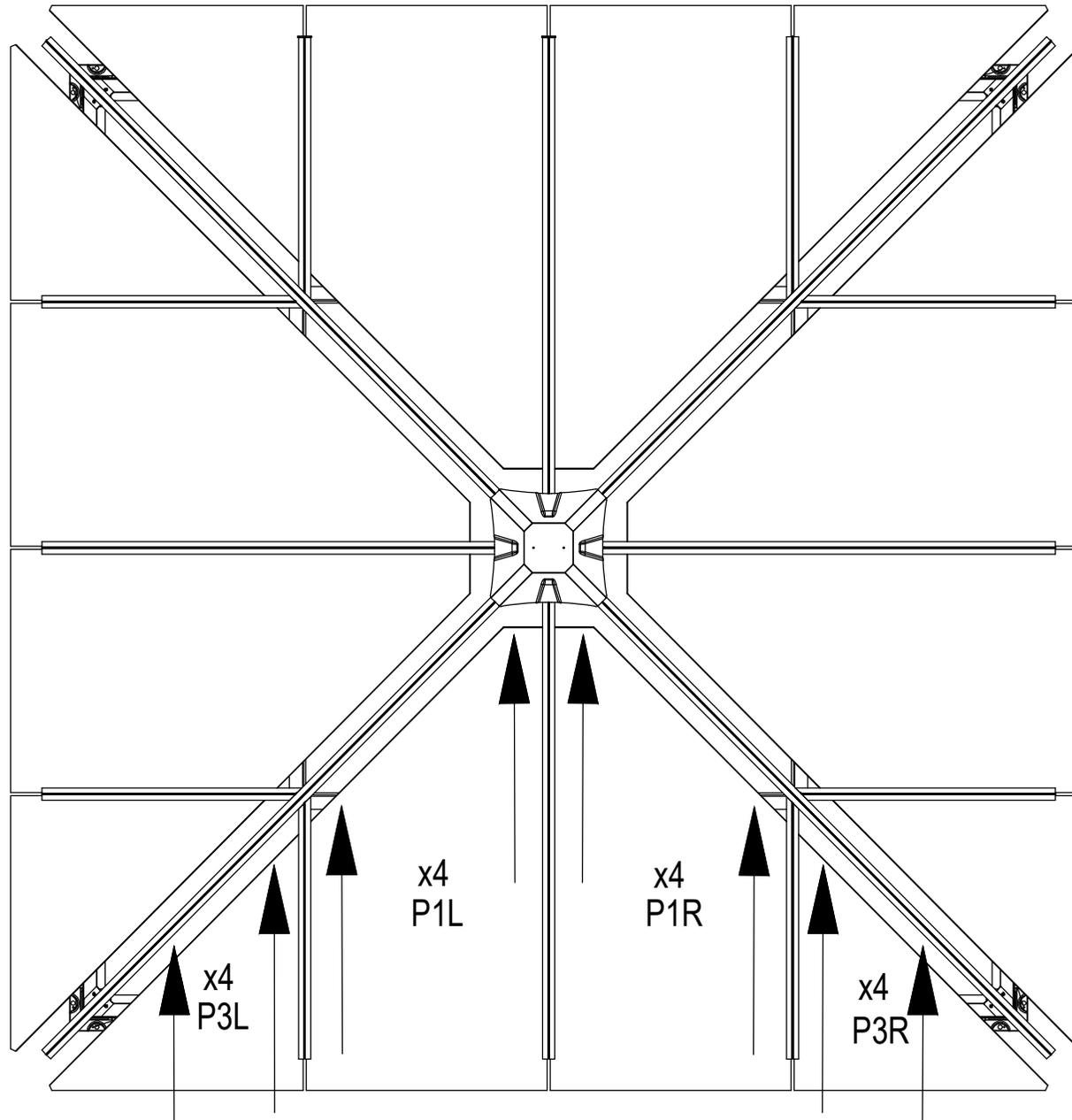
Do not tighten F1.

III x4

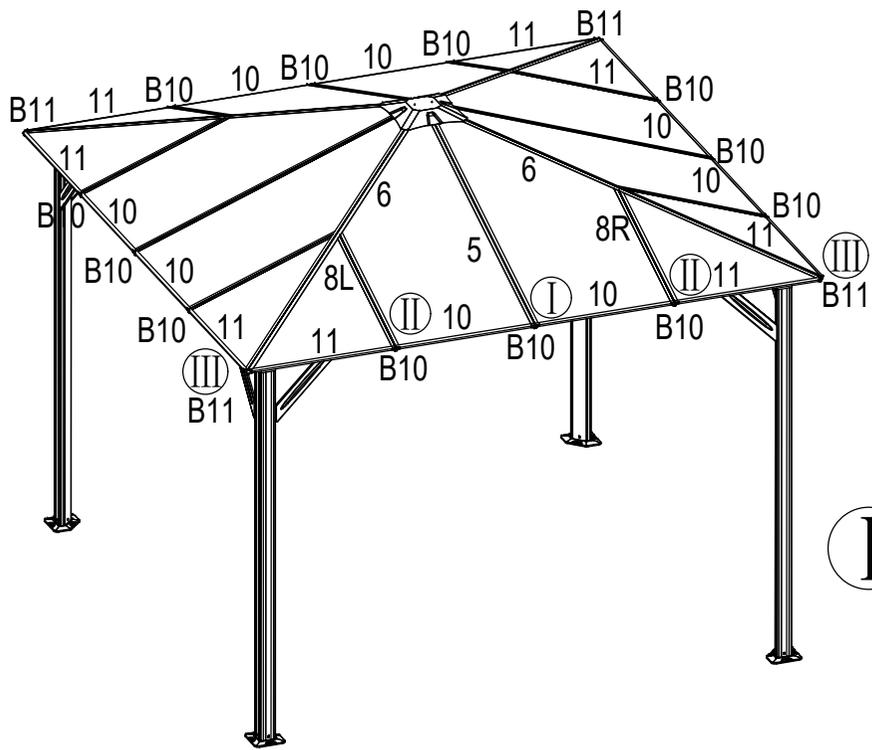
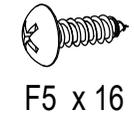
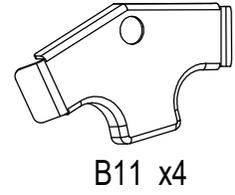
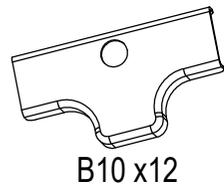
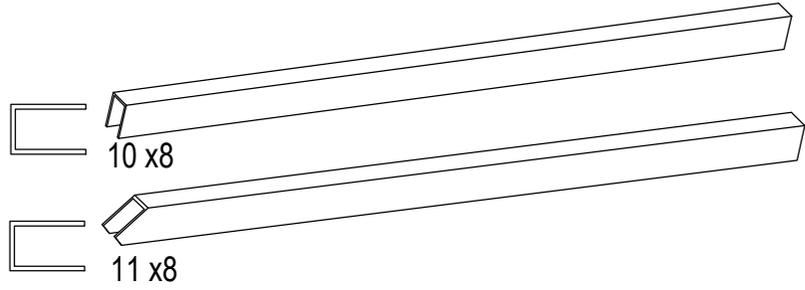


F1 need tighten

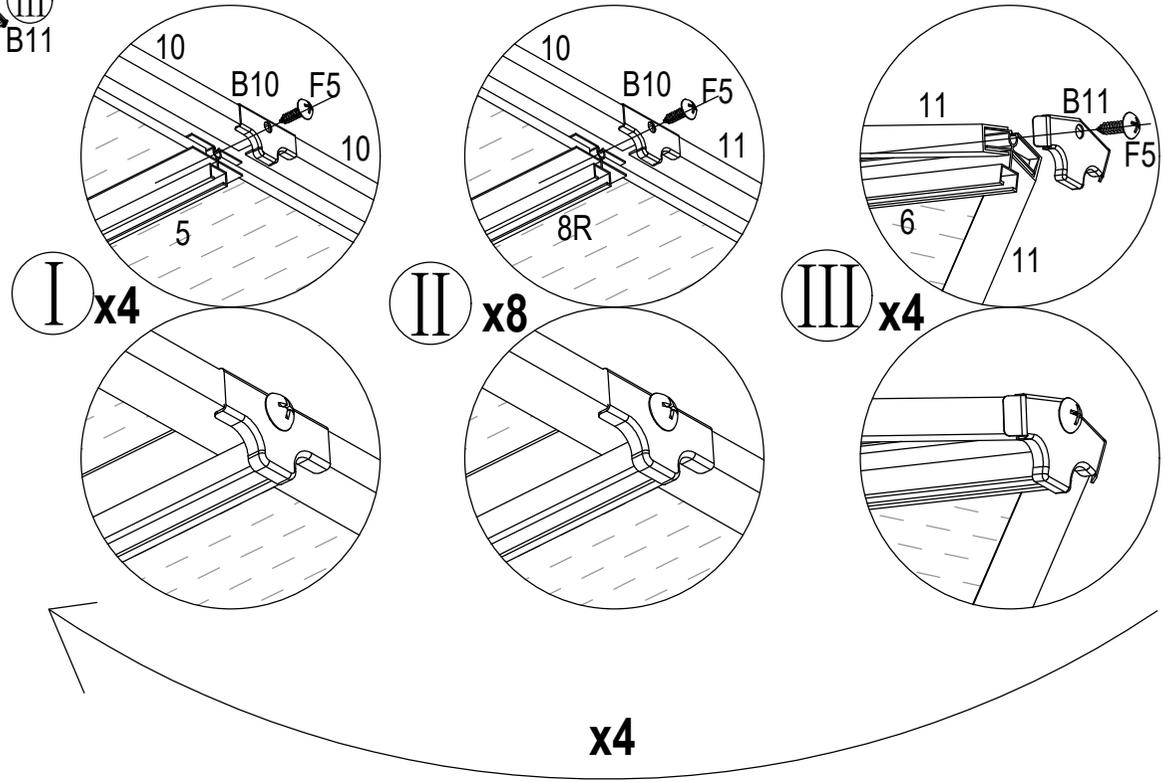
PC Panels Installation

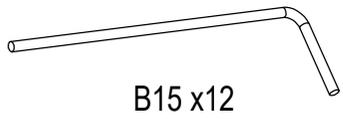


Face the UV surface of the panels towards the sun

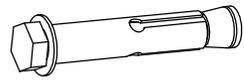


PC Panels Holders and Plastic end caps installation





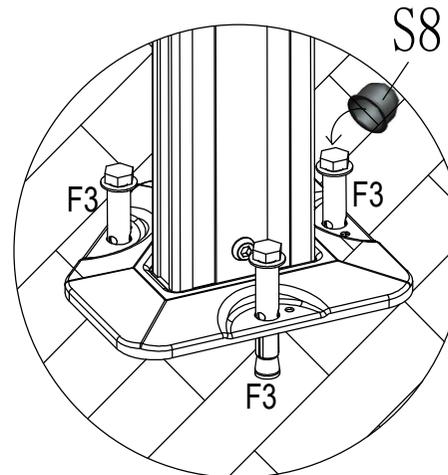
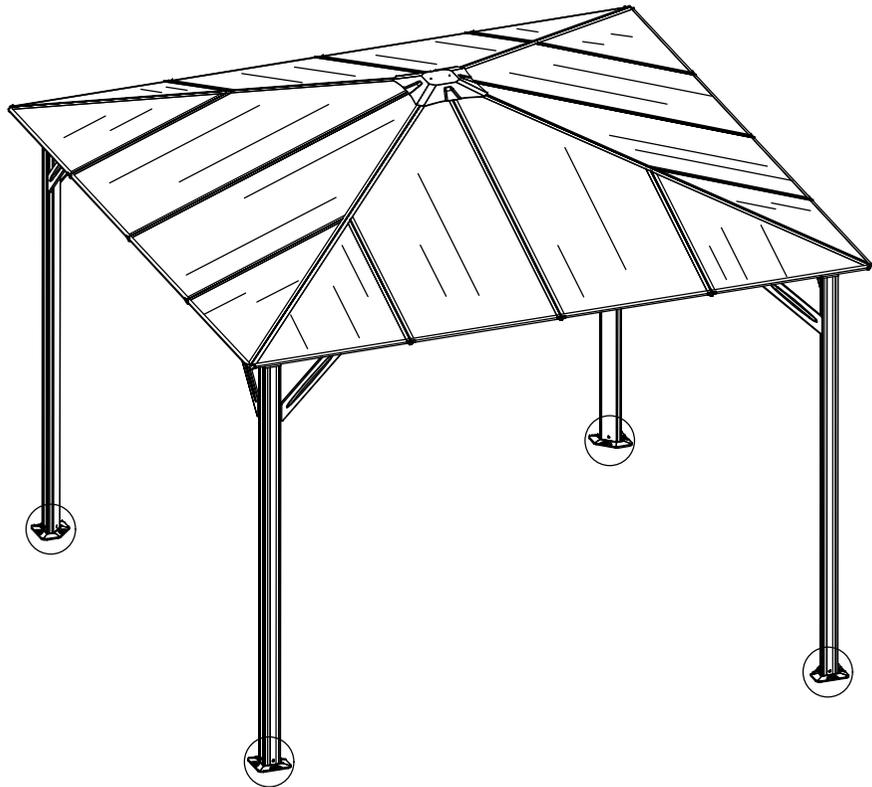
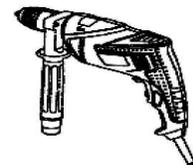
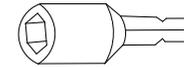
B15 x12



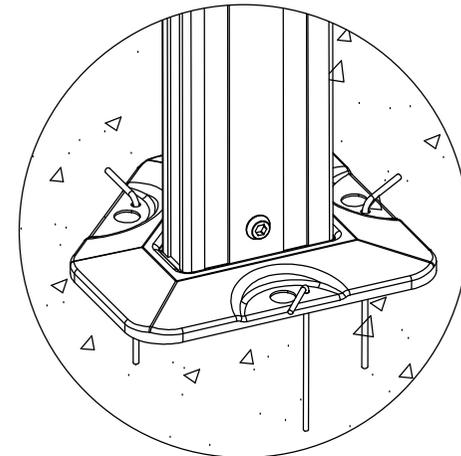
F3 x12



S8 x12



Prison ground



Soft ground

Fix the feet after checking everything was done as shown.

Final inspection:

1. Make sure all columns are vertical to the ground.
2. Tighten all screws by diagonal.

Maintenance:

- 1.If the ground is not level, the unit may tilt to one side. If you find this is the case, please fix immediately to avoid damage.
- 2.Please prevent adding any increased weight to the product.
- 3.Avoid any vine/climbing plants, fruits, or vegetables from growing on the canopy as to not compromise the structure and durability of the product. If the structure is compromised, it can easily cause the frame to crack, break, or collapse.

PC Panel Maintenance:

- 1.When using the product, please do not use sharp objects on collision films to avoid cuts. Be careful not to have a sharp object touch the film as it may scratch.
- 2.If films rupture, you may use glue to repair or use transparent tape. Polyurethane adhesive is also available for repairs.
- 3.Clean films regularly to keep the light transmittance as clear as possible.
- 4.The boards/panels have flame retardant polycarbonate material applied to them and is recommended to keep away from fire to avoid softening or deformation.

Frame Maintenance:

- 1.The frames are made of aluminum alloy structure. If white spots or dirt is shown, please wipe with a wet cloth. White spots are normal in a wet/warm environment.
- 2.If there is any distorting with the calibration, please fix immediately. Any distortion can cause the skylight to fall. Please refer to the instruction manual for repairs.
- 3.If any connection piece rusts, change out the screws to ensure the connection part is firm and stable.

Weather Protection:

- 1.WARNING: If there is lightening, do not stay in or under the product. The frames are constructed of aluminum alloy, which is conductive, and may cause serious damage.
- 2.When wind power reaches 40mph or above, you may need to set up defense equipment and fix the shed walls. To fix the walls, use a strong rope or cable and connect to the four angles of the anchors with a block inserted into the soil or tied to a nearby tree at least 4in.in diameter. When wind decreases, please remove safety measures of ropes.
- 3.Clear any leaves on top of canopy to reduce heat preservation.
- 4.During snowy months, please remove any snow from pavilion to avoid any walls or roofs from collapsing.