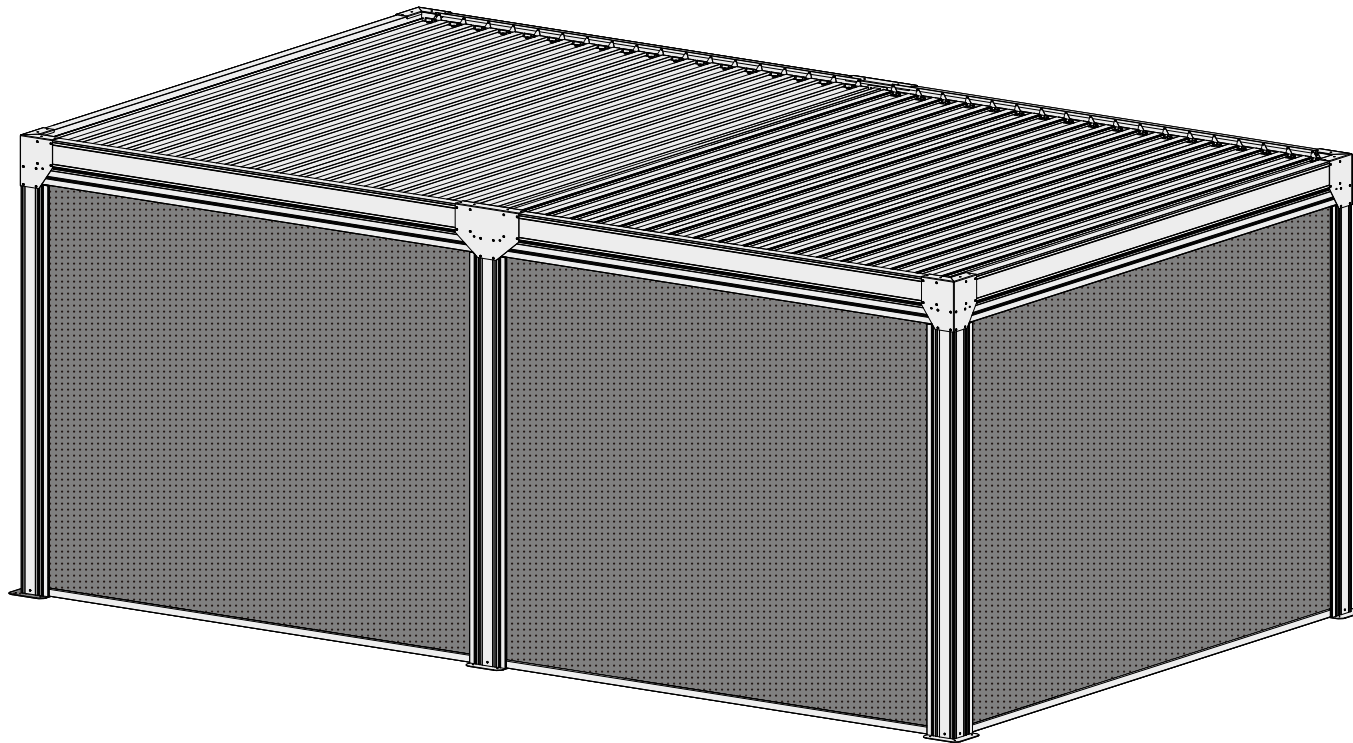




10' x 20'

SKU: XWG-274-2

Aluminum Pergola

Assembly Manual

Warnings and Cautions

Please keep this manual for future reference and read it carefully before assembly. Ensure you have all the parts and hardware as shown in the project checklist.

It is recommended that four or more adults install your pergola.

Check all bolts for tightness before use and regularly thereafter to ensure the normal operation of the pergola.

Some parts may have sharp edges or corners, please follow basic safety precautions to reduce the risk of injury.

The pergola must be placed on level ground.

This product contains small parts that may pose a choking hazard to children. Keep away from children under 3 years old and pets.

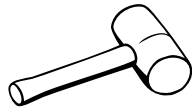
Pre-assembly

TOOLS THAT MAY BE REQUIRED (Not included in boxes)

*NOTE: Tools / equipment are not shown to actual size and scale.



LEVEL



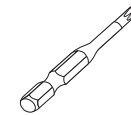
RUBBER Mallet



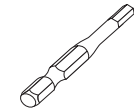
PHILLIPS SCREW



DRILL



ALLEN KEY



ALLEN KEY

EQUIPMENT REQUIRED (Not included in boxes)

*NOTE: Equipment are not shown to actual size and scale.



SAFETY HAT



GLOVES



SAFETY GOGGLES



STEPLADDER

Matters needing attention



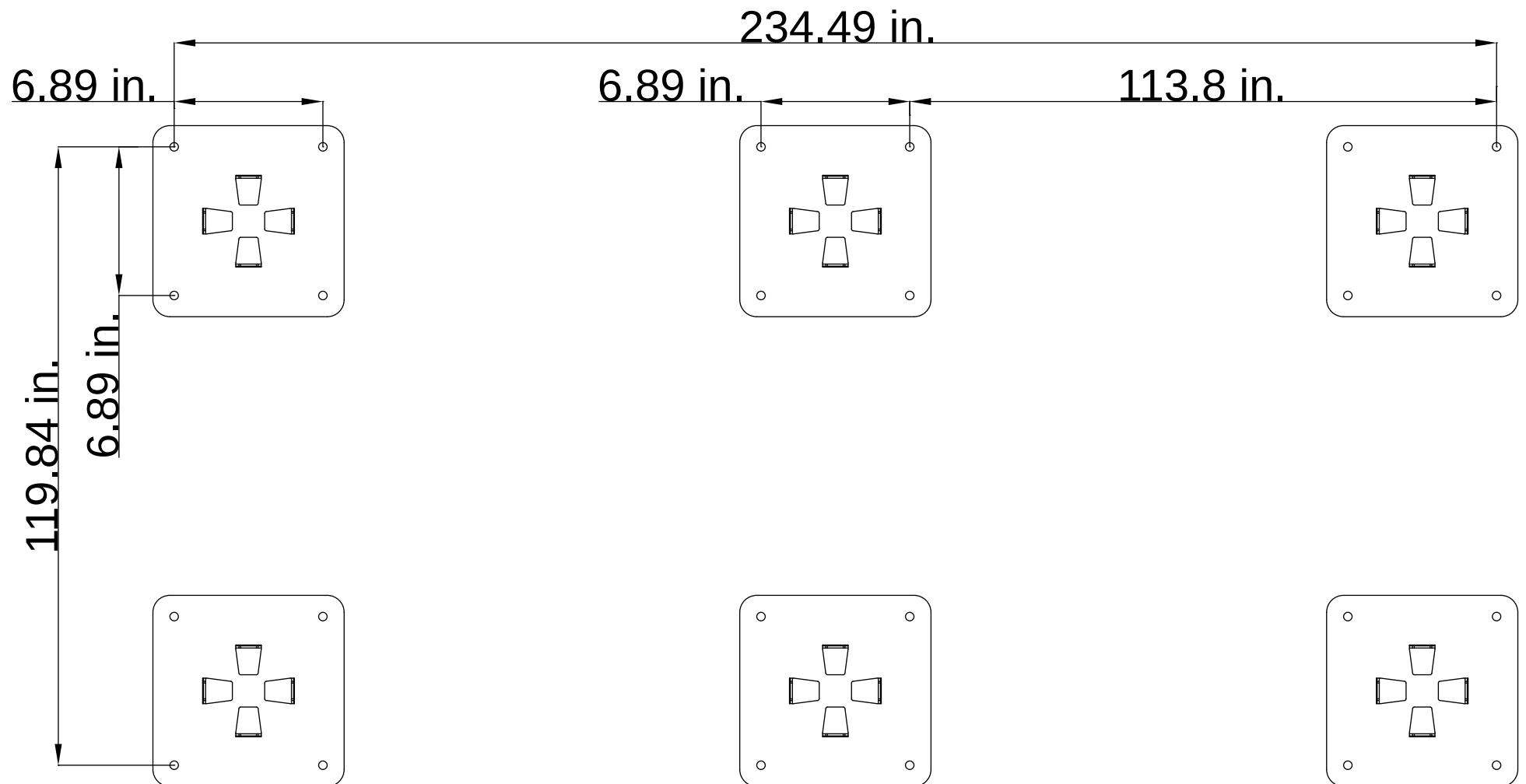
1. Four or more people are required for assembly.



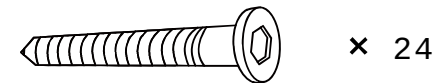
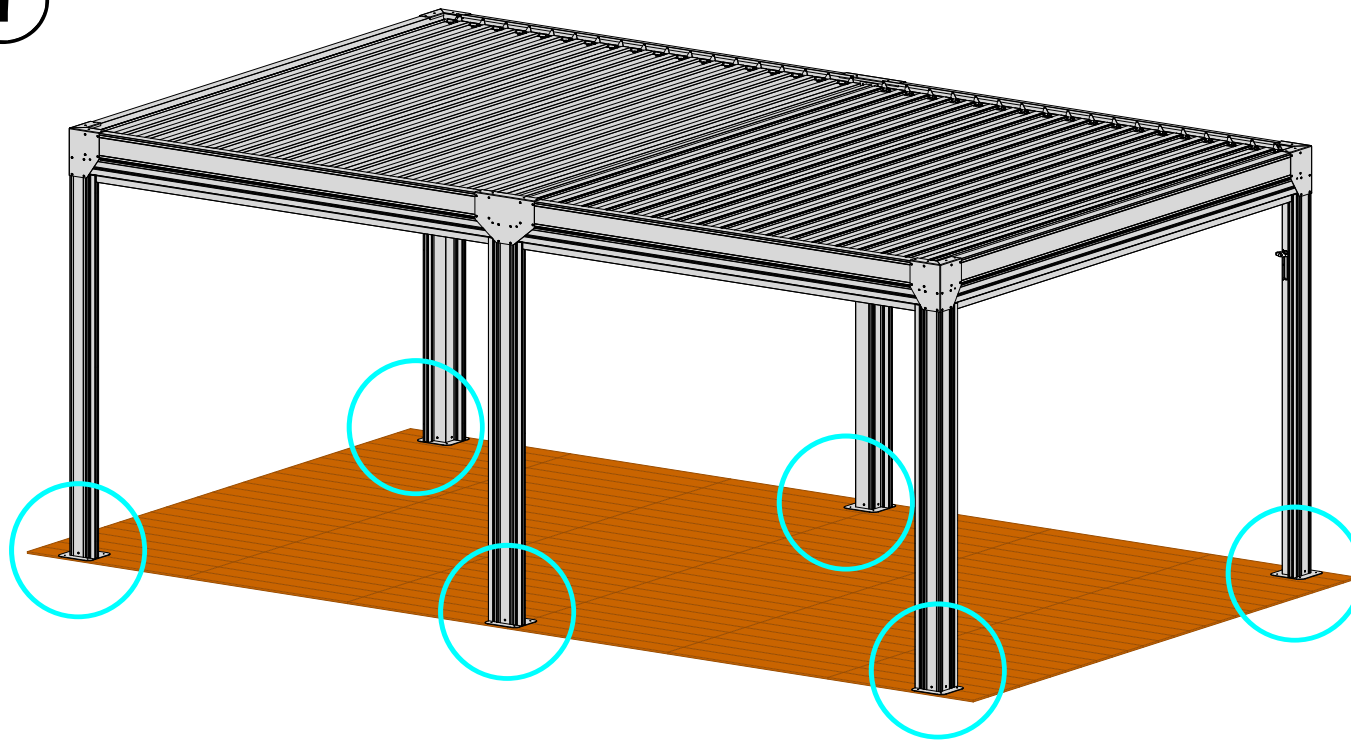
2. Do not fully tighten screws prior to complete assembly.

MOUNTING BLUEPRINT

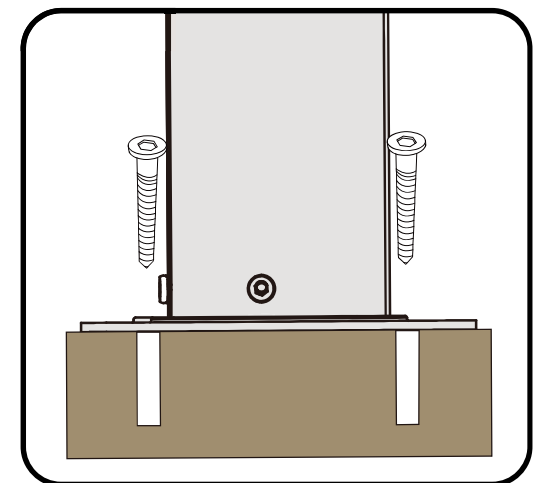
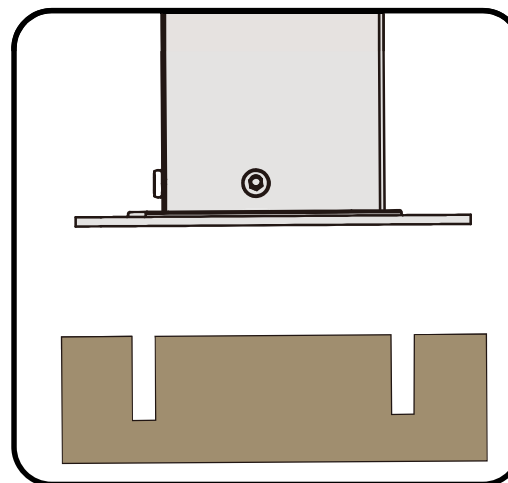
Pergola 10' x 20'



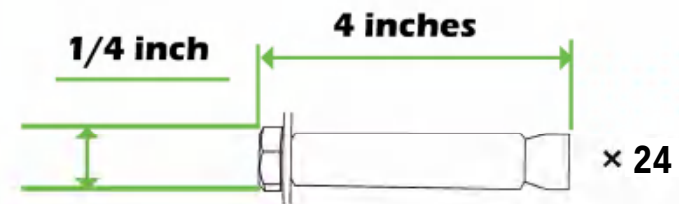
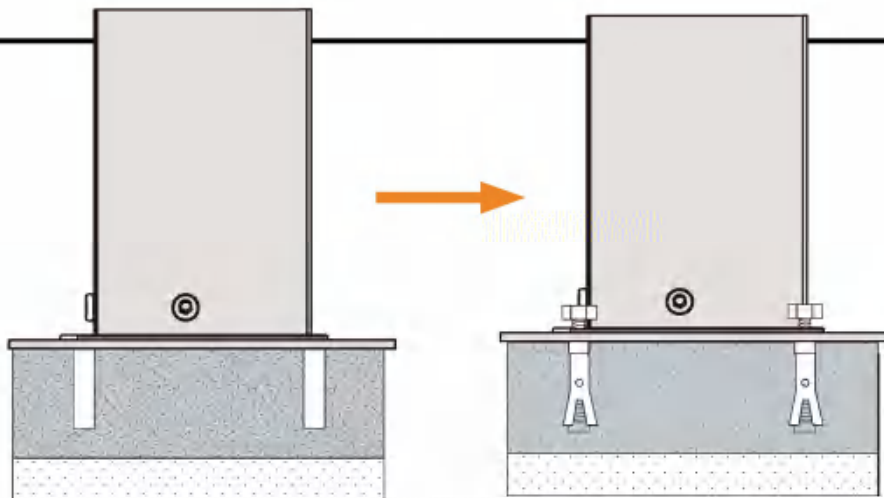
1



If the deck is hard wood and the depth of it is over 3 inch, you can use **5/16 in. ×4 in. Structural Wood Screw** to mount the Pergola.

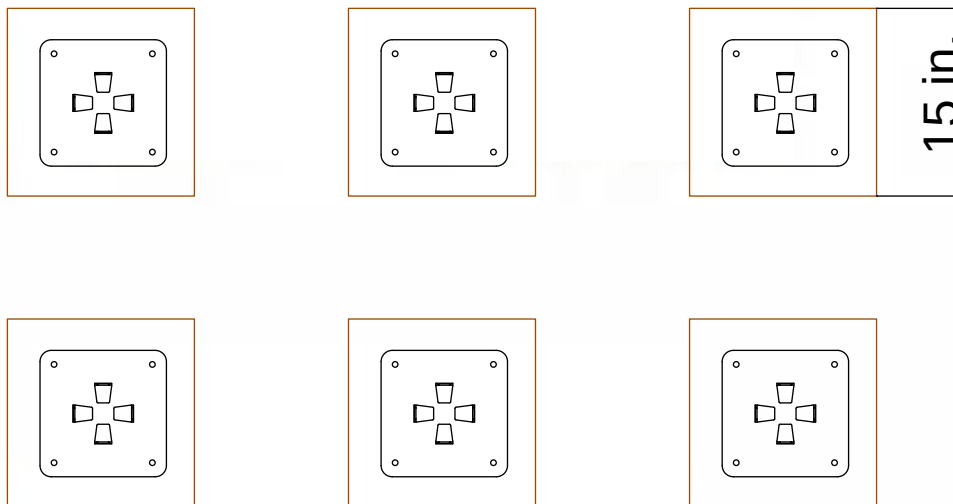


2



If the ground is concreted and the depth of it is over 3 inch, you can use 1/4 inch expansion bolts to mount the Pergola

3

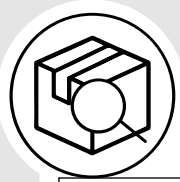


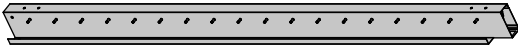
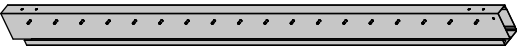
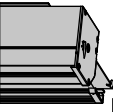
Or you can make a concrete footing for Pergola , **15×15×15 inches** is recommended. Use expansion bolts to mount the pergola like ② shows.

IMPORTANT:
Anchor is not recommended



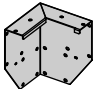
CHECK LIST



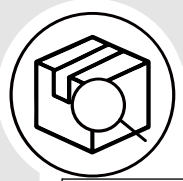
A1 x 1		Piullar 1	B4 x 1		Cross beam 4
A2 x 1		Piullar 2	B7 x 2		Cross beam 5
A3 x 2		Piullar 3	B8 x 1		Cross beam
A4 x 2		Piullar 4	C2 x18		Louver 1
B1 x 1		Cross beam 1	C4 x18		Louver 2
B2 x 1		Cross beam 2	D1 x 2		
B3 x 1		Cross beam 3	E1 x 2		 Roll screen 1

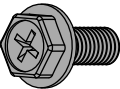
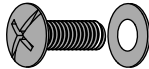
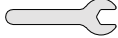
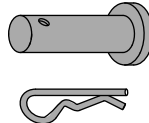
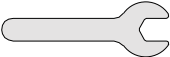
CHECK LIST

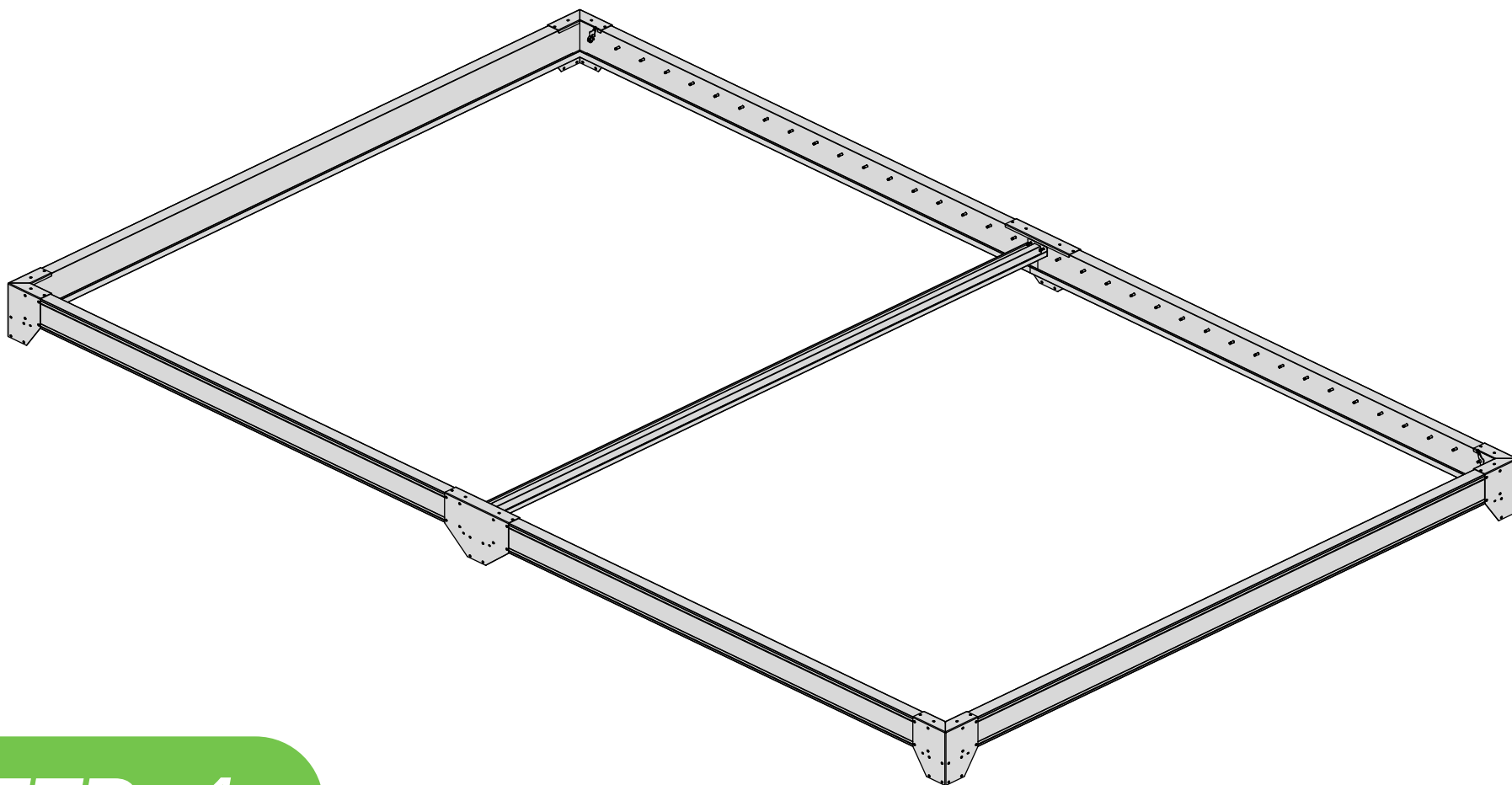


E2 x 2  Roll screen 2	J x 6  Foot Base
E4 x 2  Roll screen 3	
F x12 	
G1 x 1  Corner protector 1	
G2 x 1  Corner protector 2	
G3 x 2  Corner protector 3	
H x 2 	

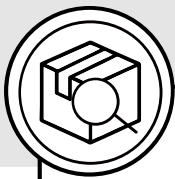
CHECK LIST



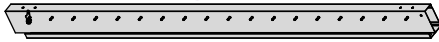
1 x140		Screw M6*16	8 x 1		6mm
2 x16		Screw M4*12	9 x 2		M6
3 x38		Screw Ø5*12	10 x 1		M8
4 x36		Screw	11 x 1		
5 x72		Screw M3.5*65			
6 x24					
7 x 1		5mm			



STEP 1



B1 x 1

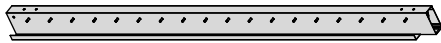


B7 x 1



1 x24

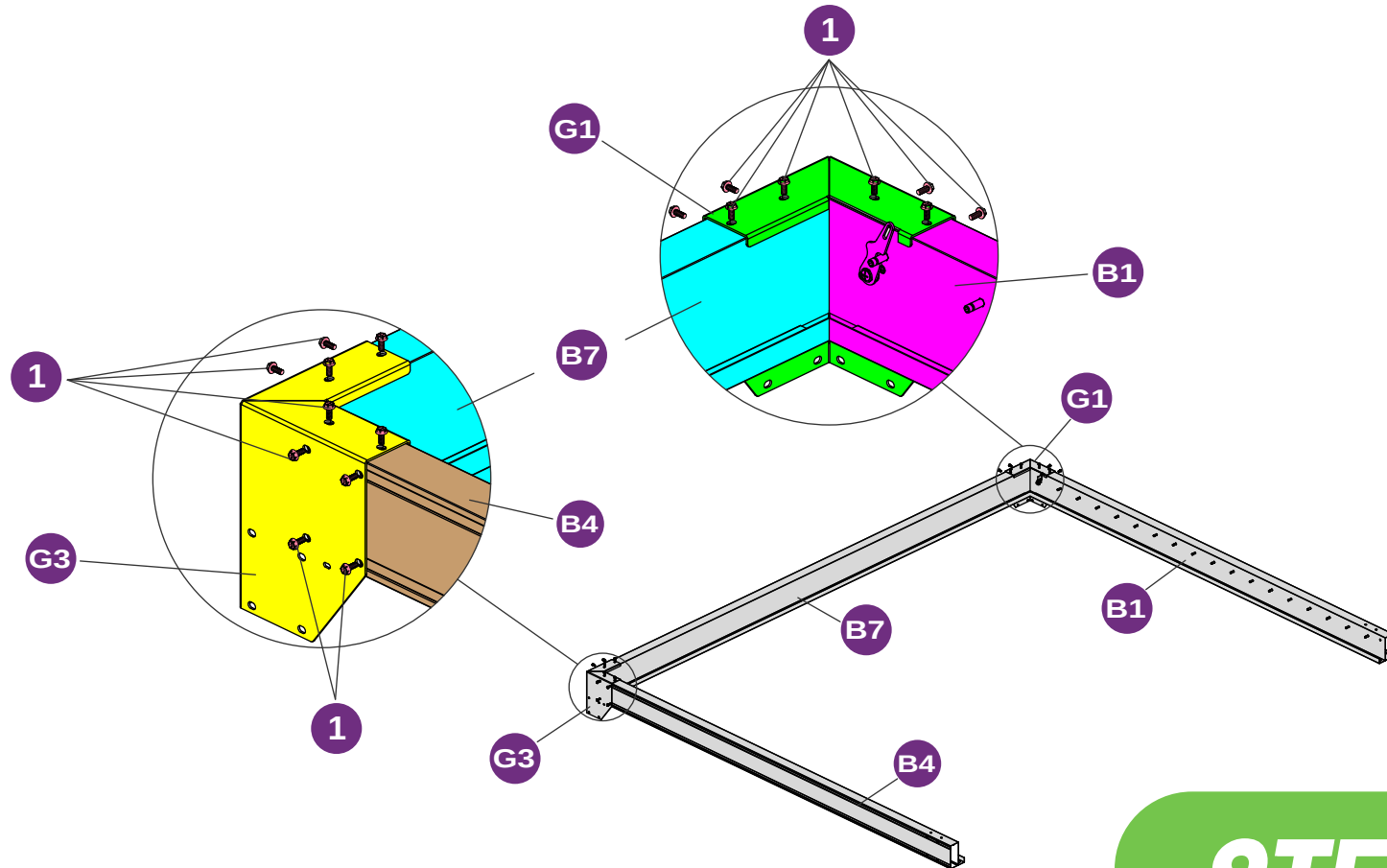
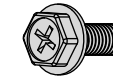
B4 x 1



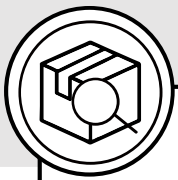
G1 x 1



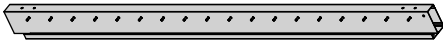
G3 x 1



STEP 1



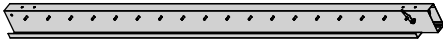
B2 x 1



B7 x 1



B3 x 1



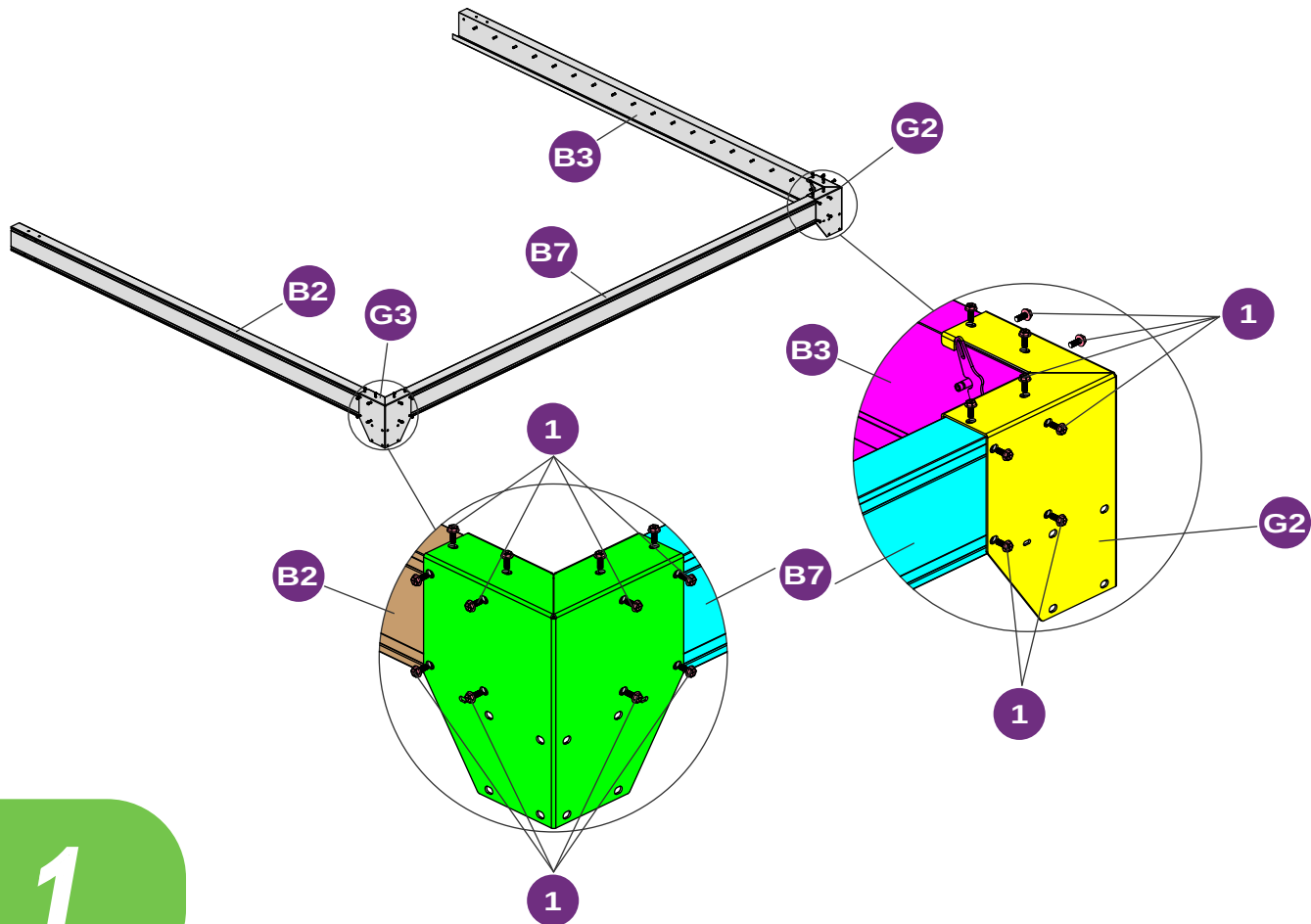
G2 x 1



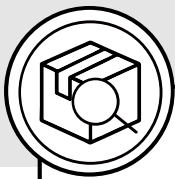
G3 x 1



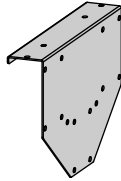
1 x24



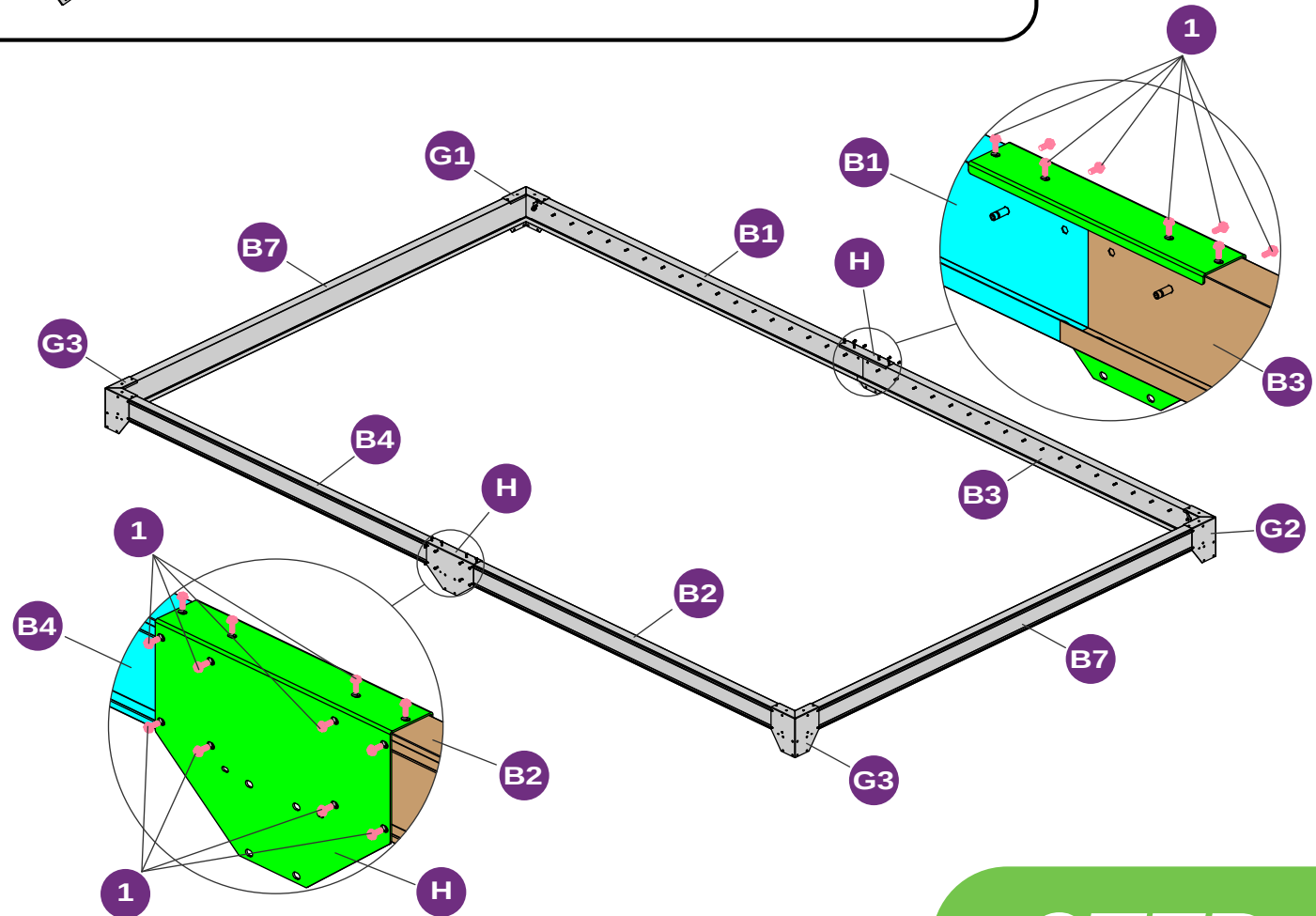
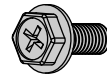
STEP 1



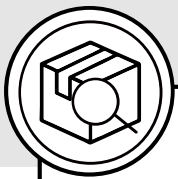
H x 2



1 x24



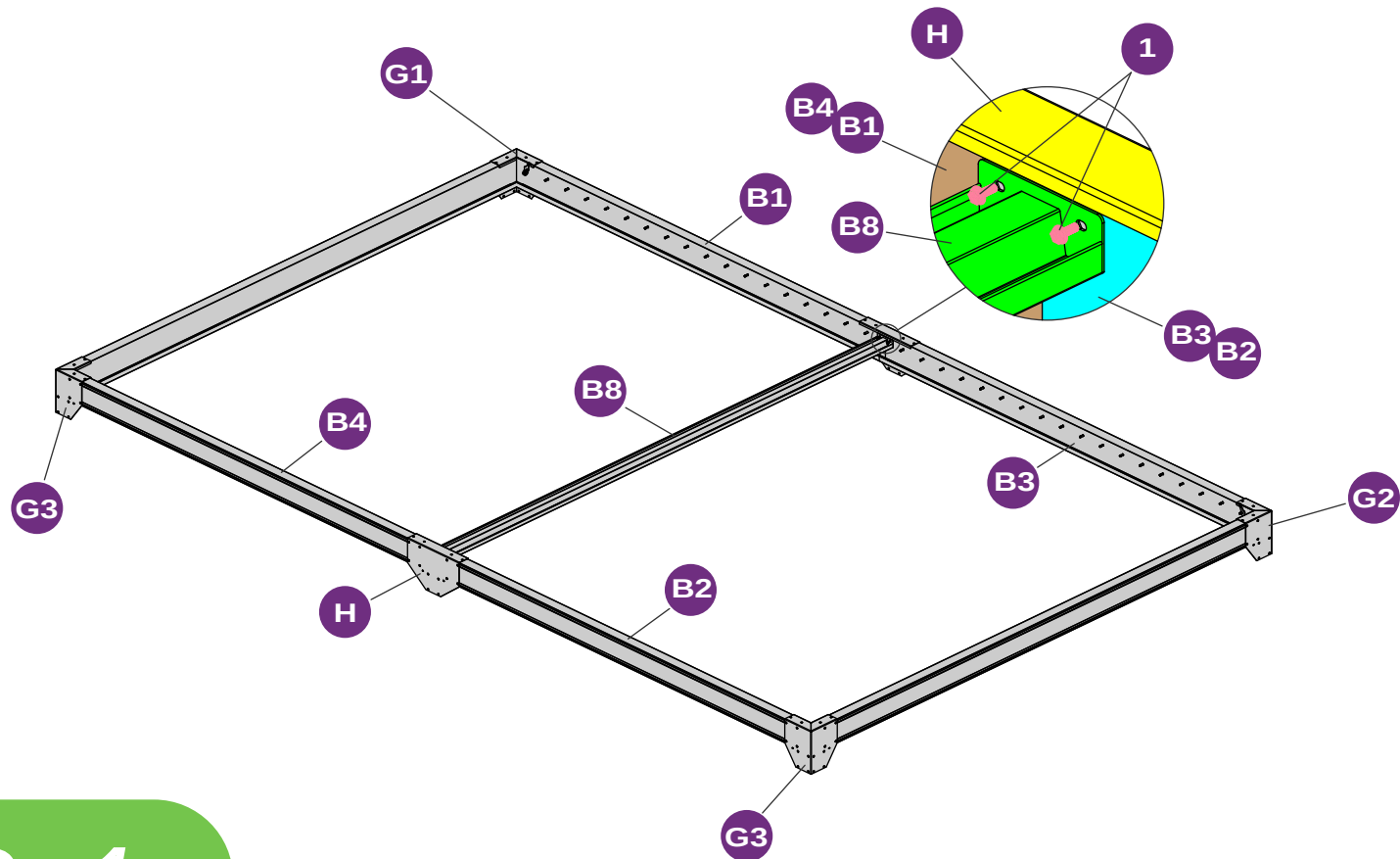
STEP 1



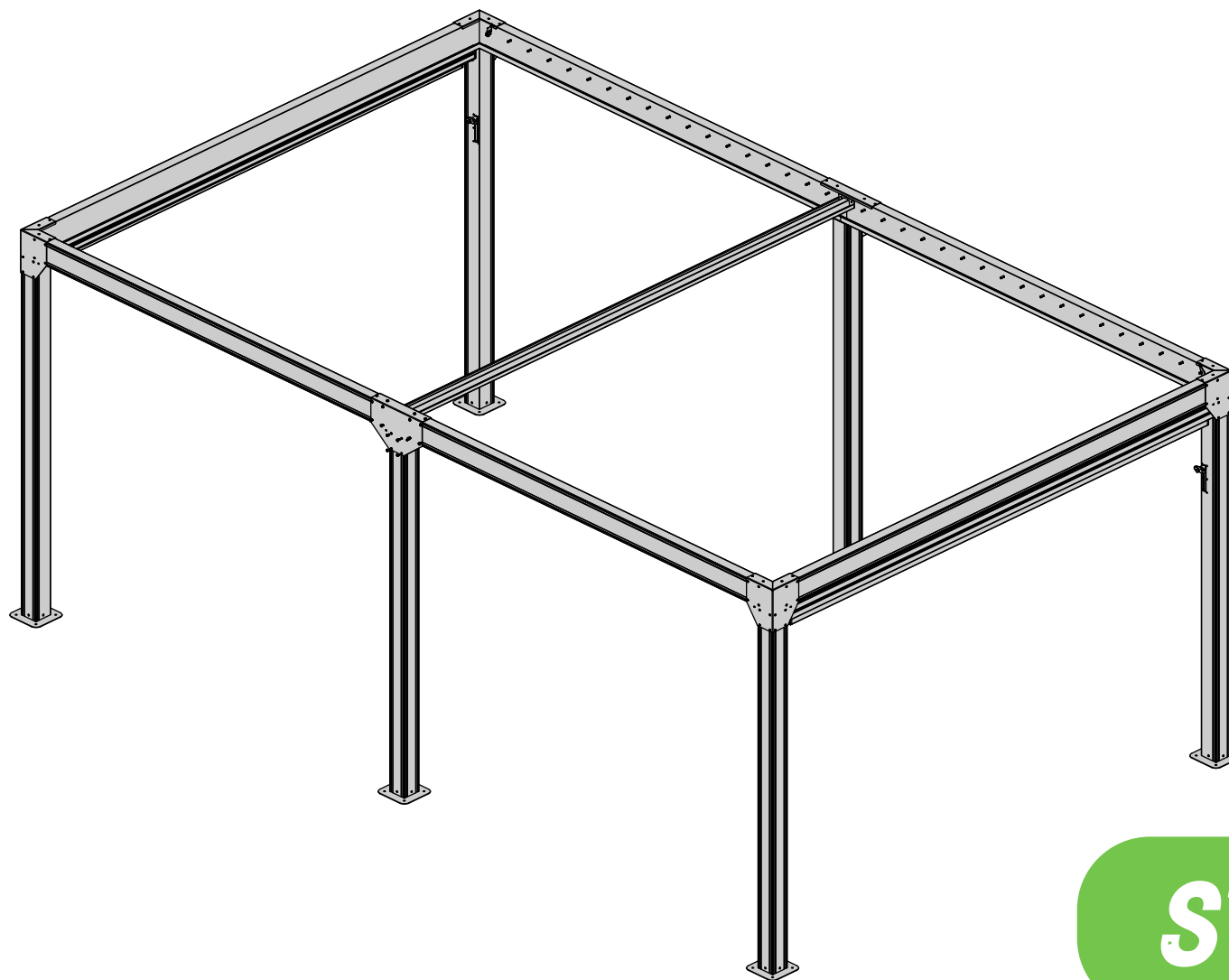
B8 x 1



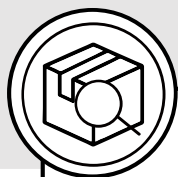
1 x 4



STEP 1



STEP 2



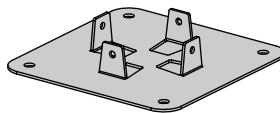
A1 x 1



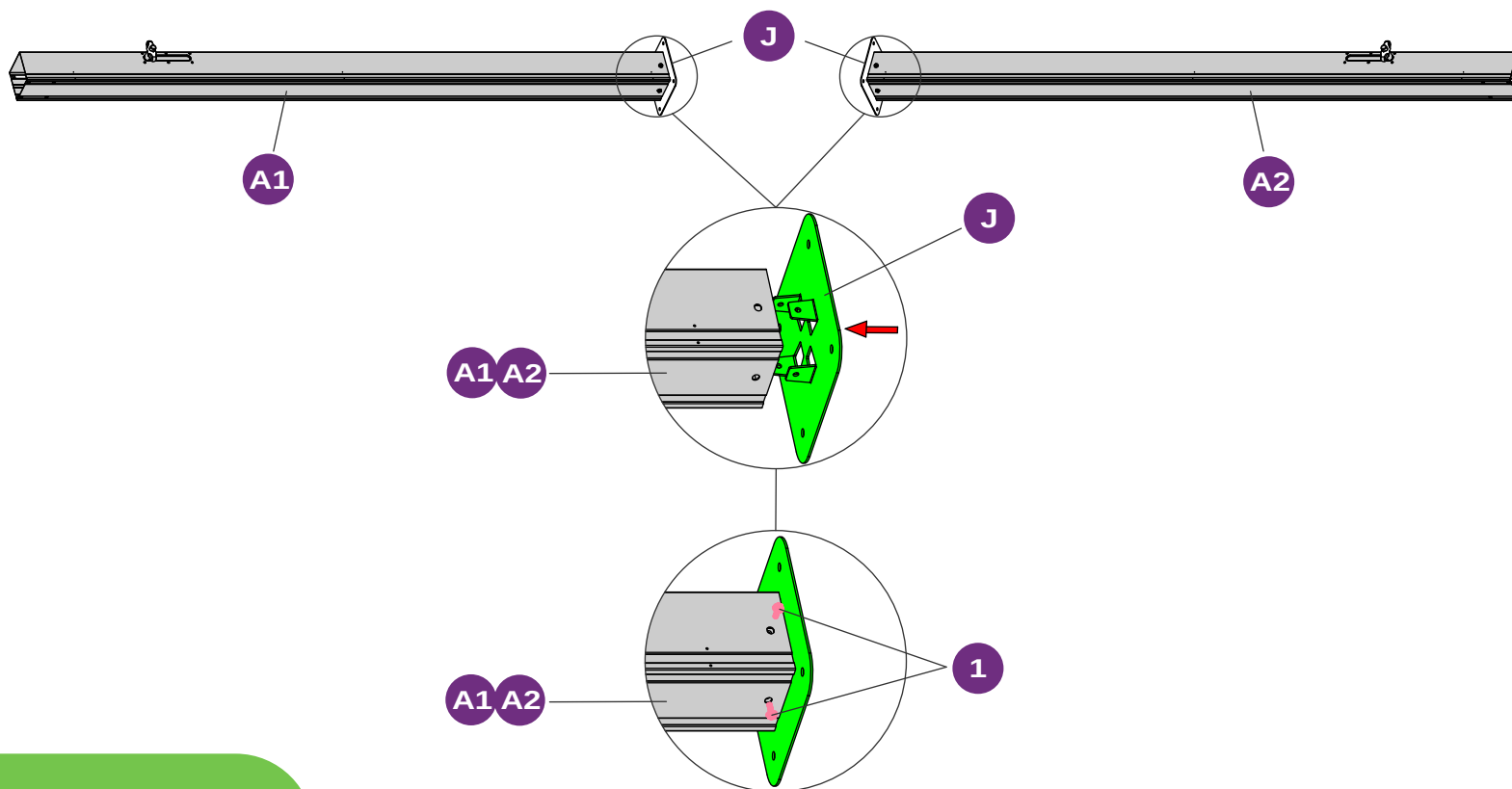
A2 x 1



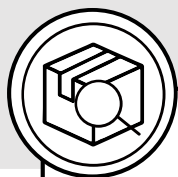
J x 2



1 x 8



STEP 2



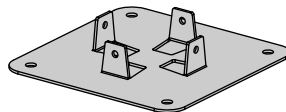
A3 x 2



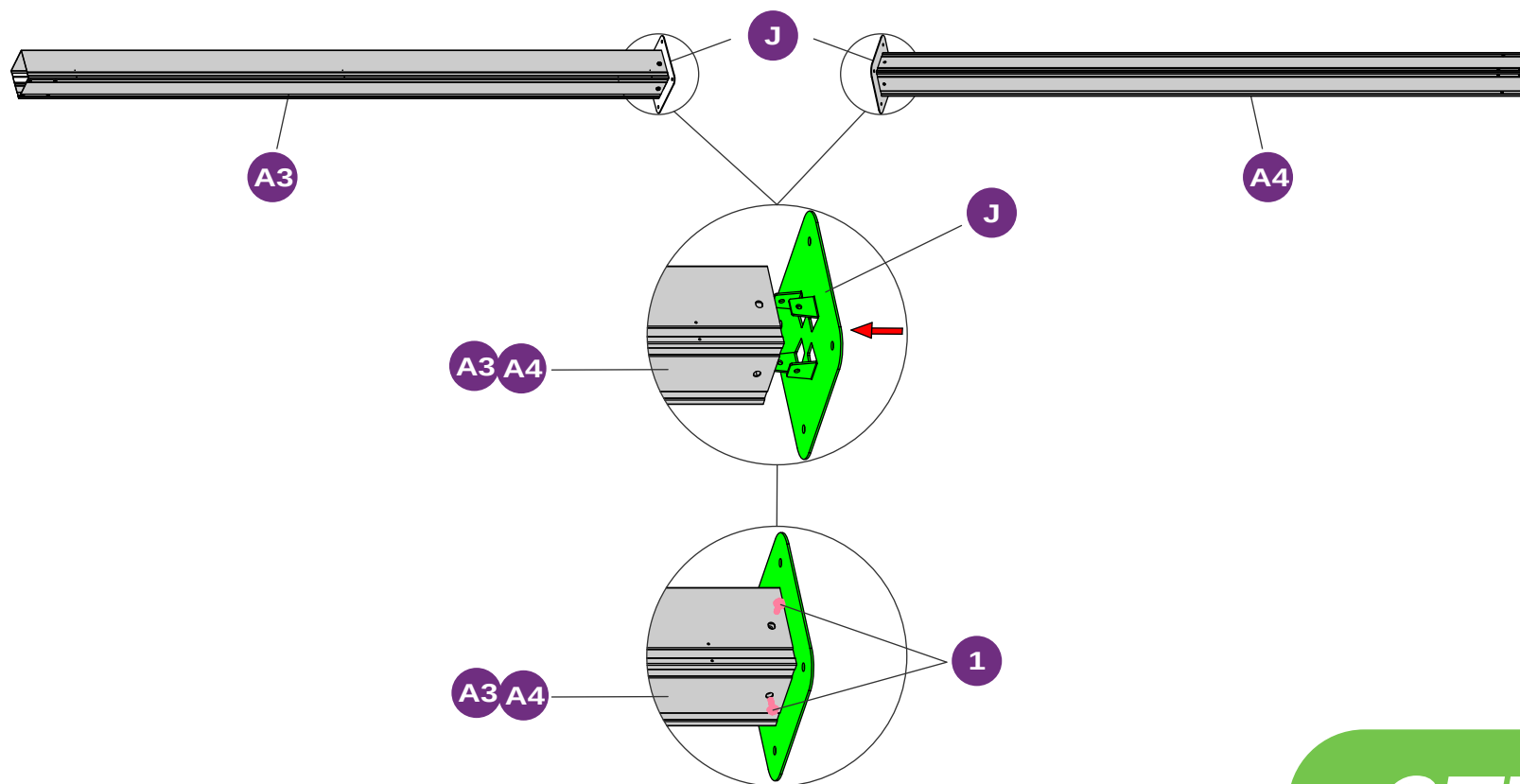
A4 x 2



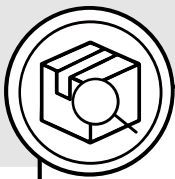
J x 4



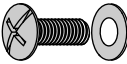
1 x16

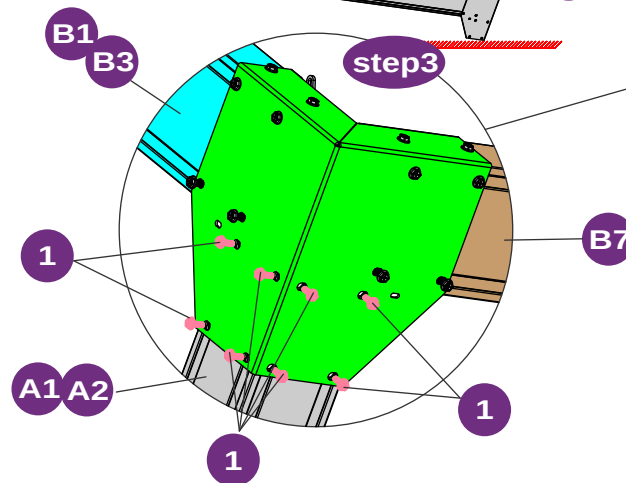
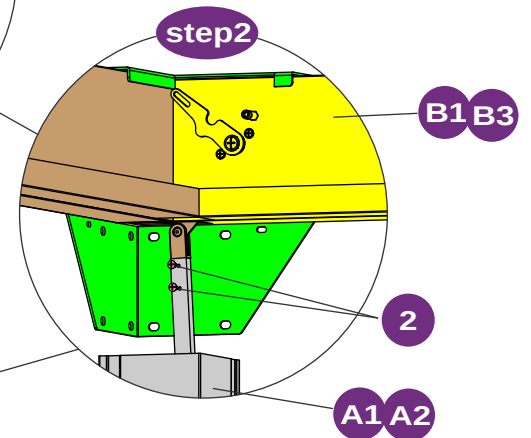
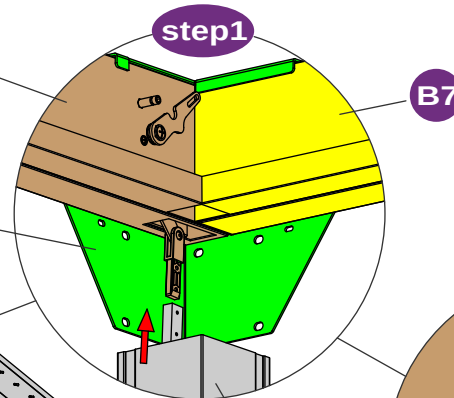
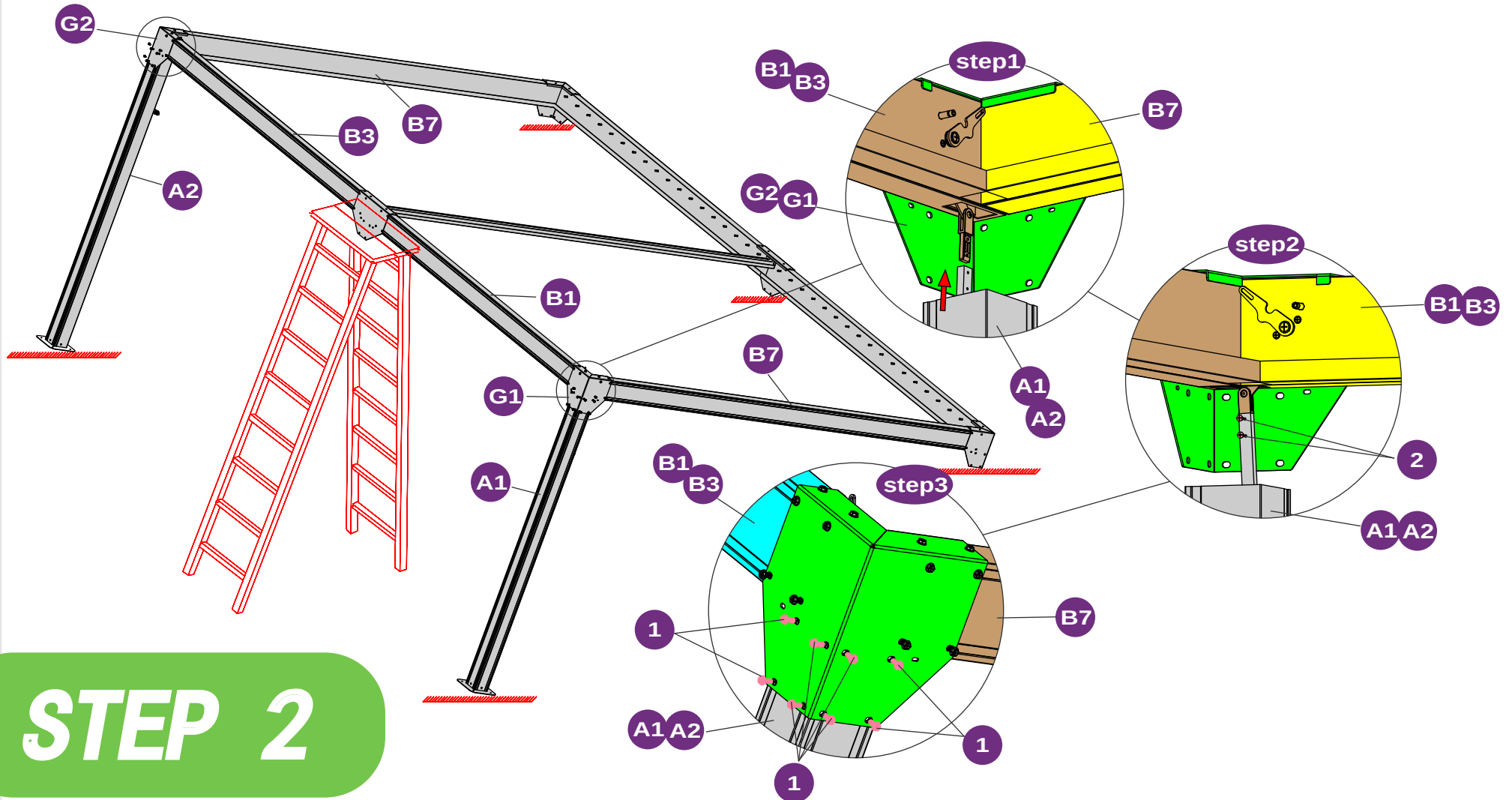


STEP 2

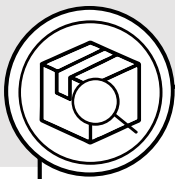


1 x16 

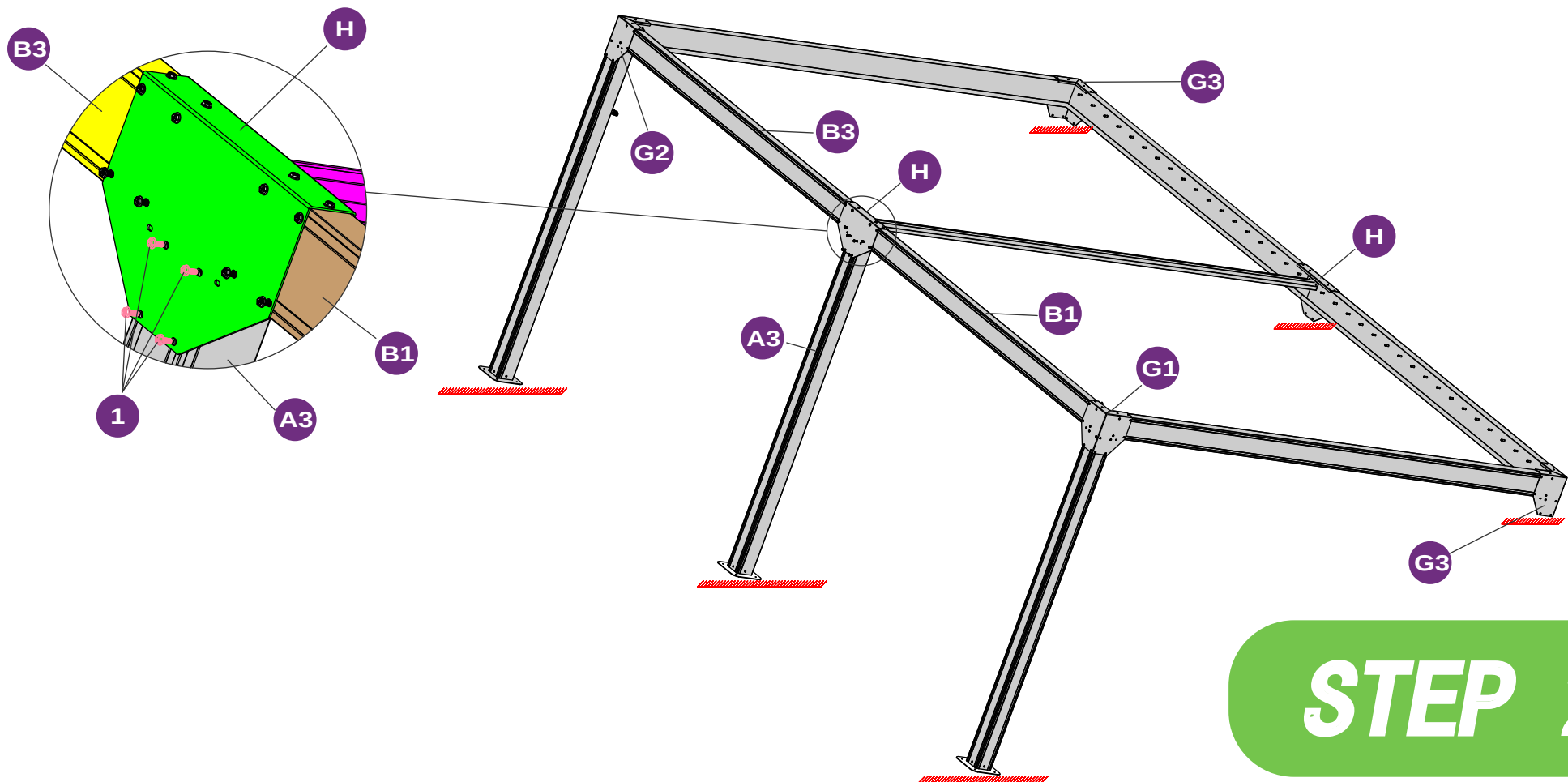
2 x 4 



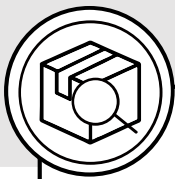
STEP 2



1 x 4

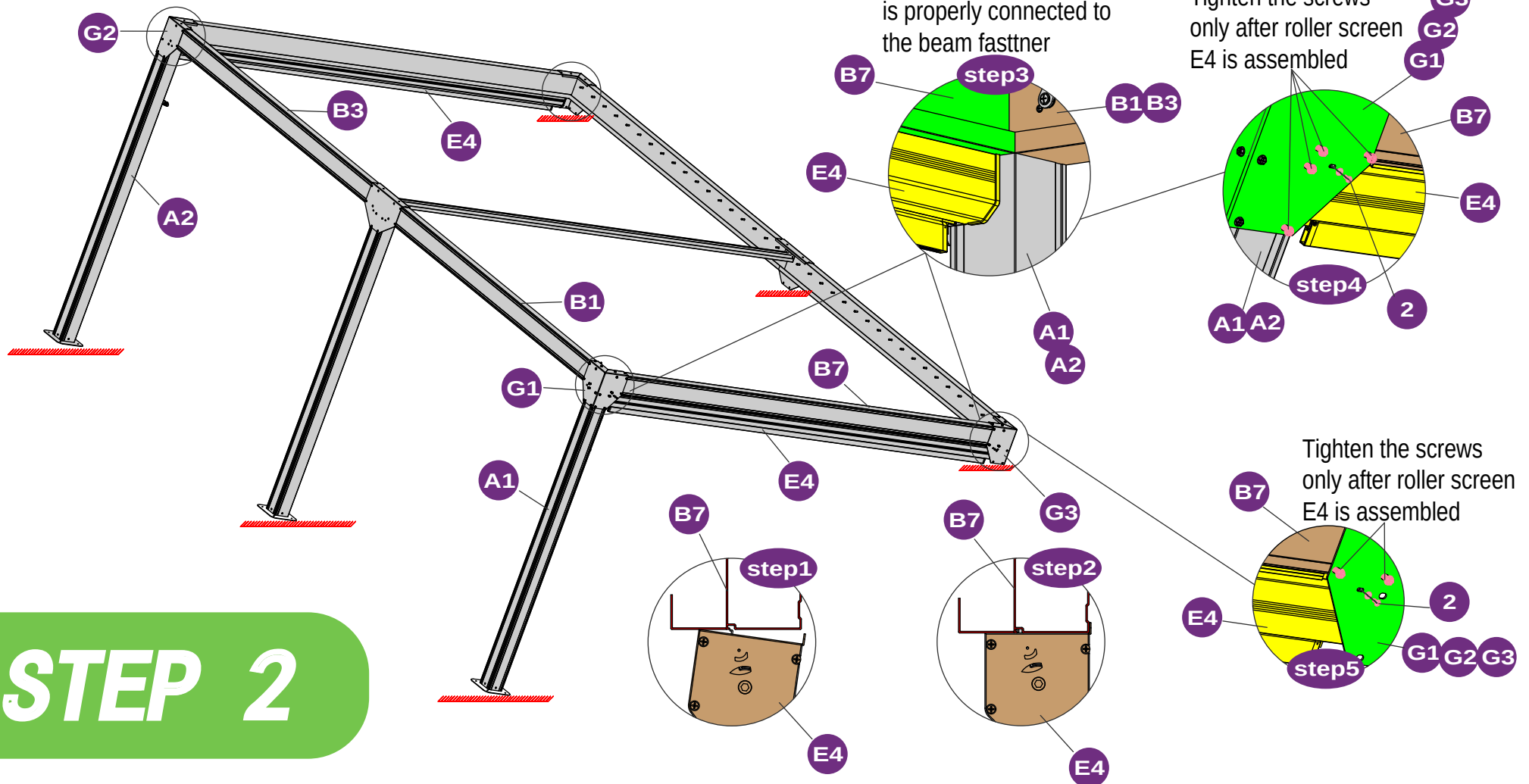
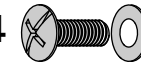


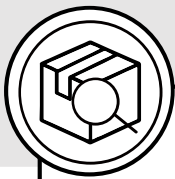
STEP 2

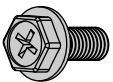


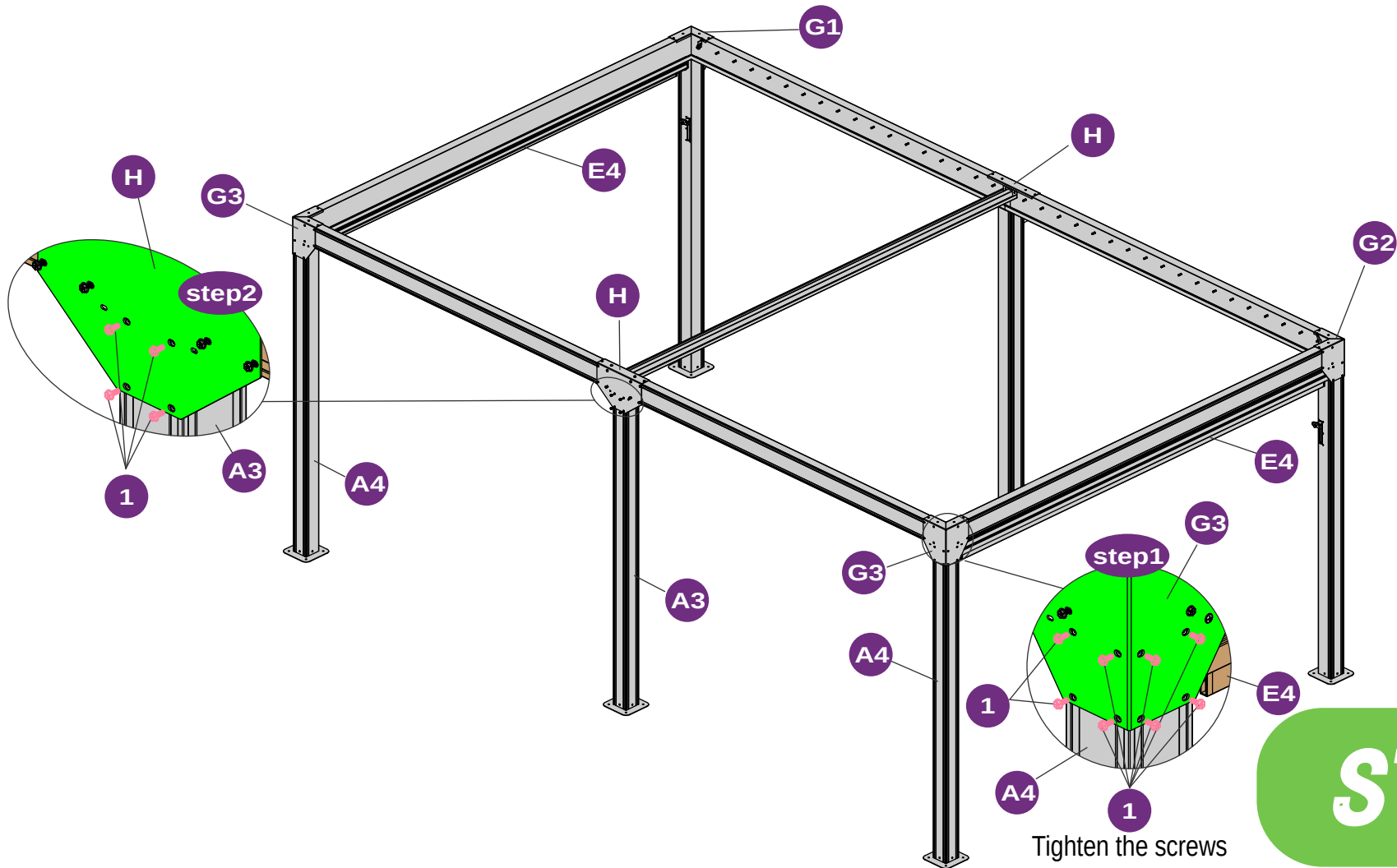
E4 x 2

2 x 4





1 x 20 



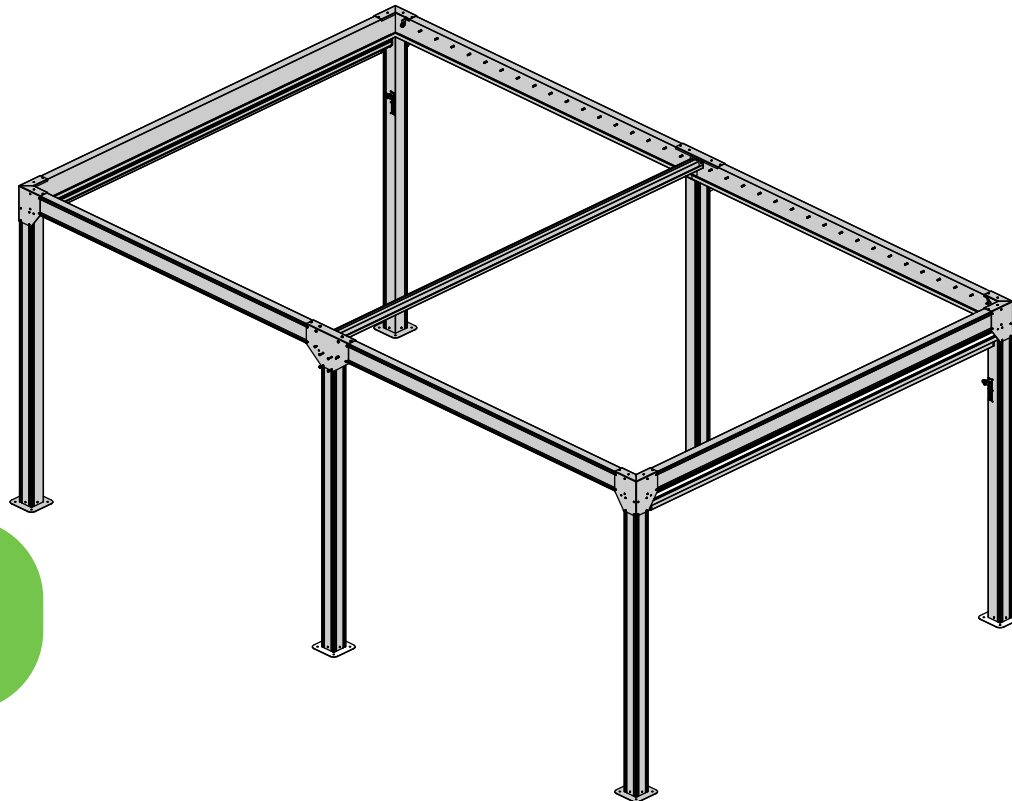
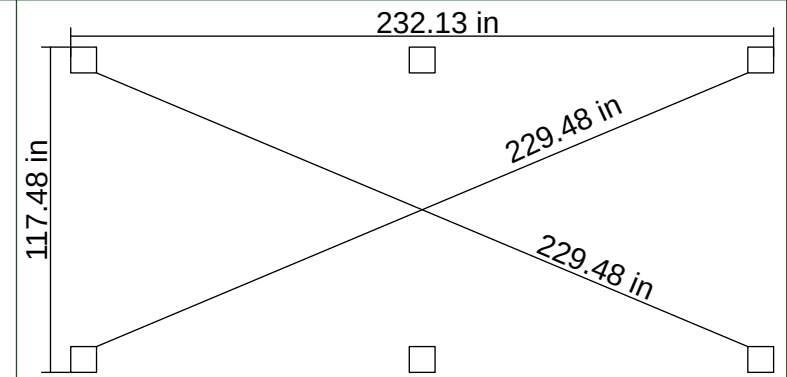
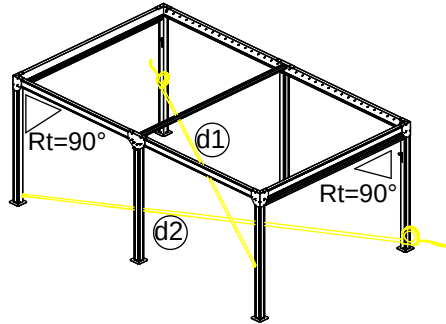
Tighten the screws
only after roller screen
E4 is assembled

STEP 2

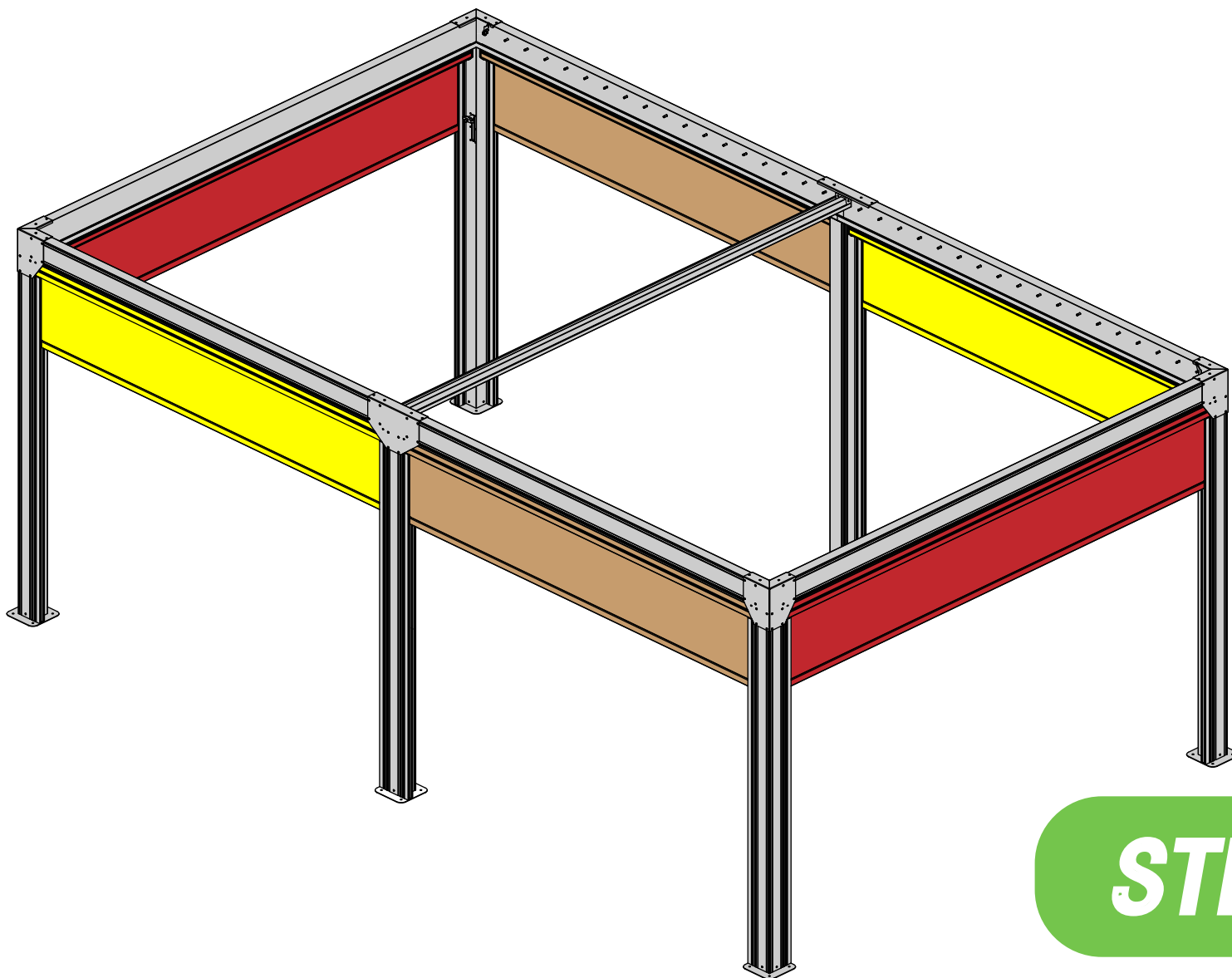
Before proceeding with next step ensure that the frame is square by ensuring the diagonal dimensions are identical, the beams are level and that the posts are at 90 degree angles to the beams and are plumb.

Important

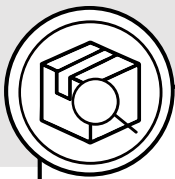
i d1=d2



STEP 2



STEP 3



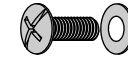
E1 x 2



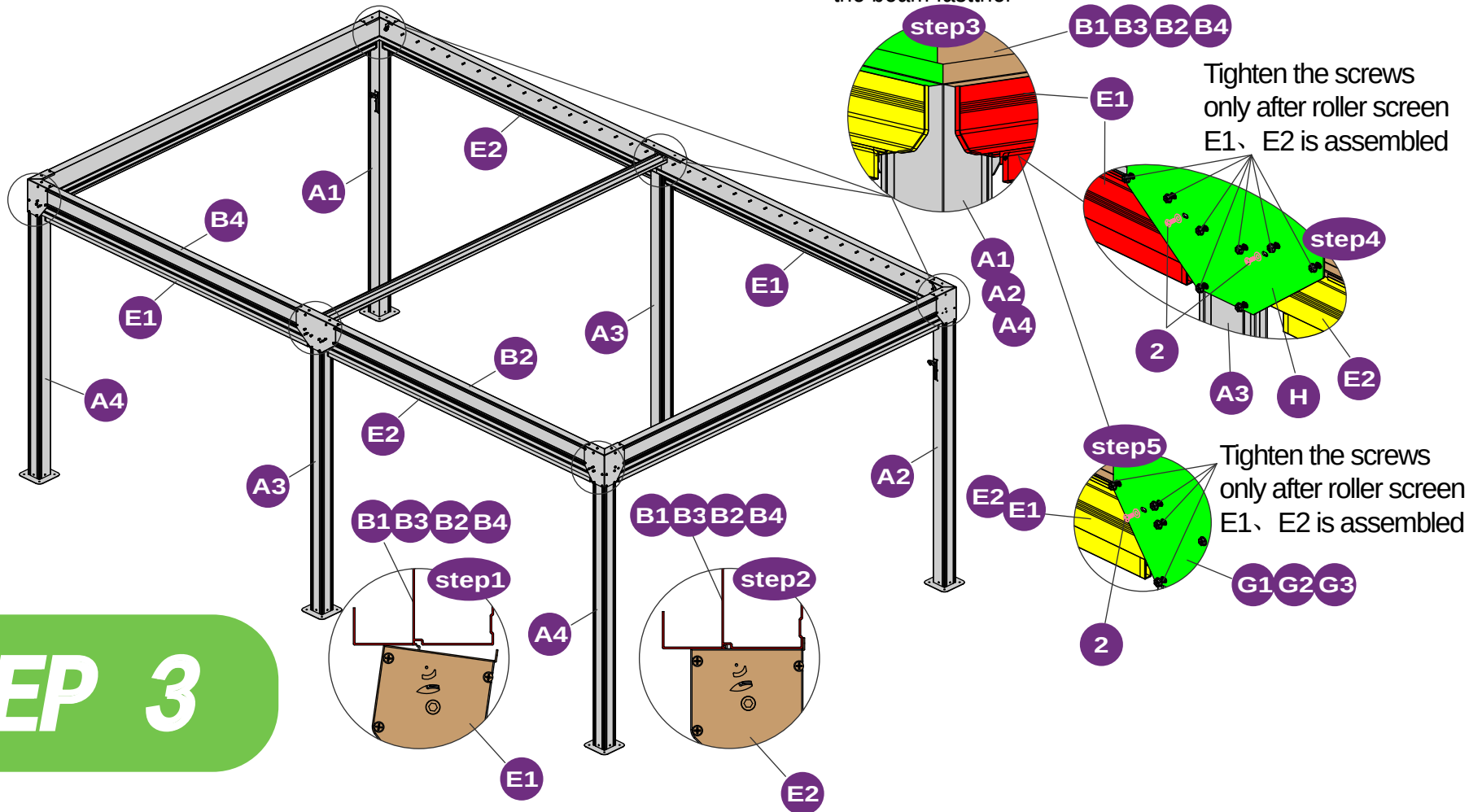
E2 x 2



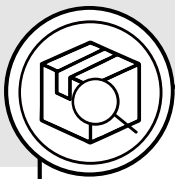
2 x 8



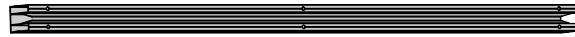
Check that the roller screen is properly connected to the beam fastener



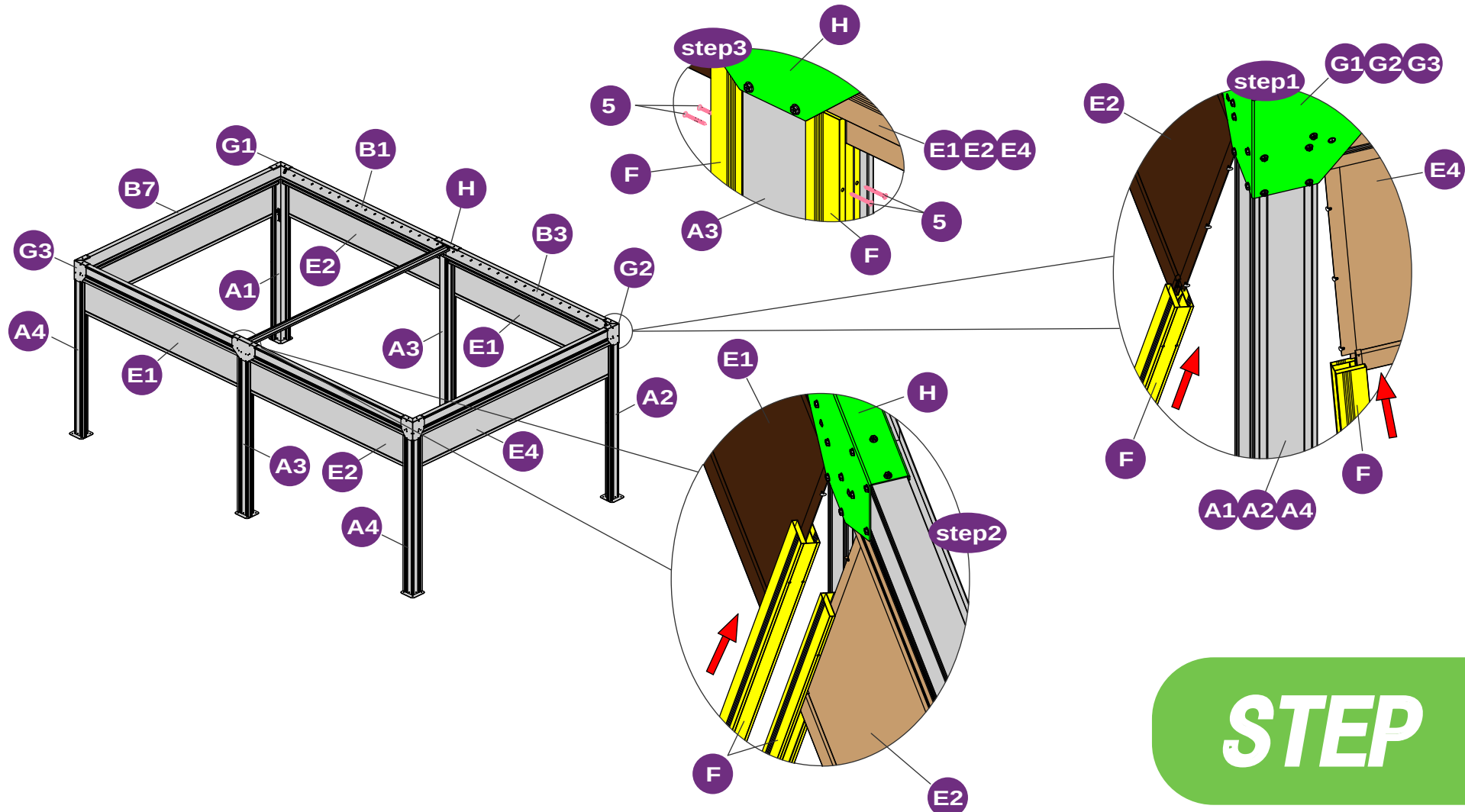
STEP 3



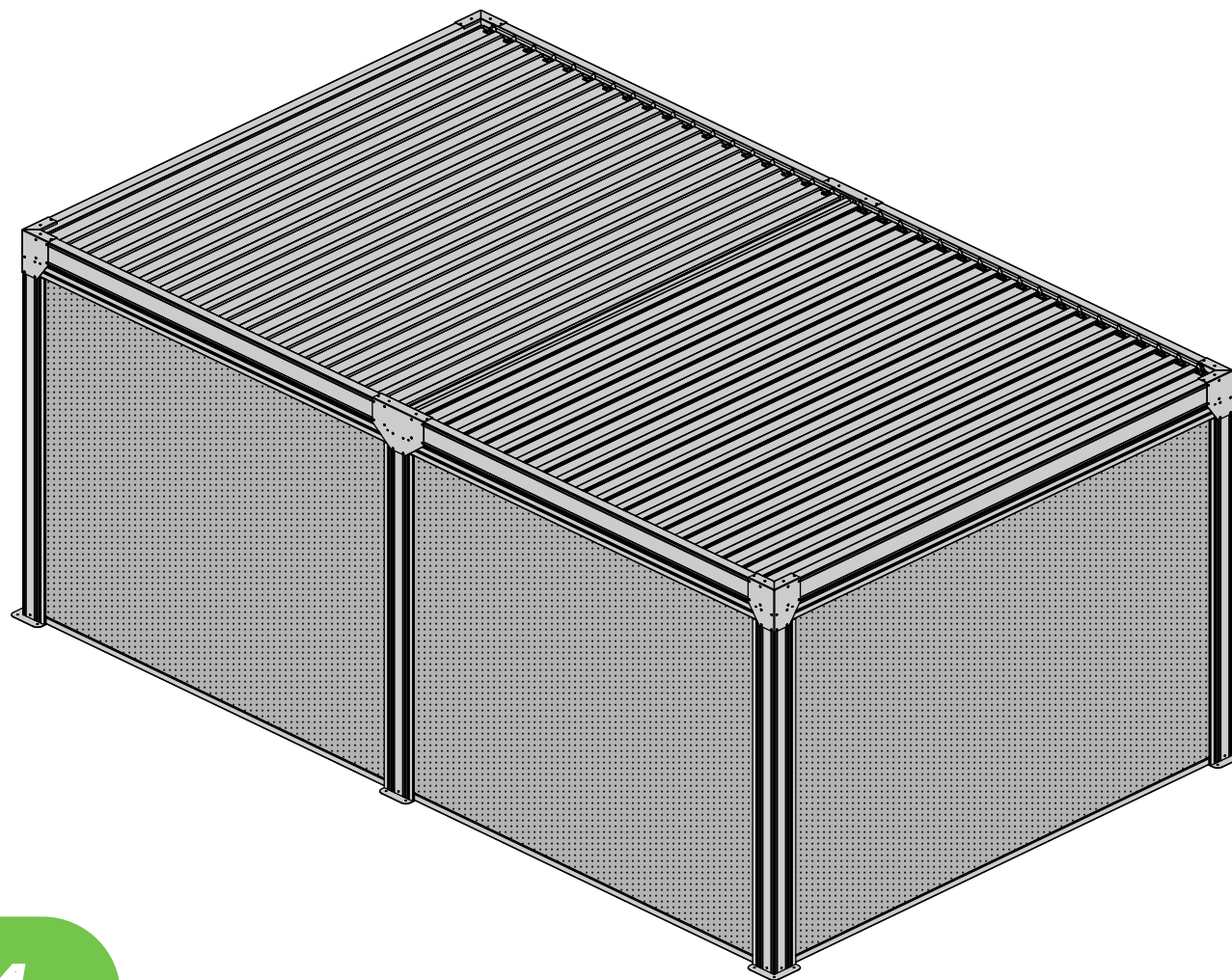
F x12



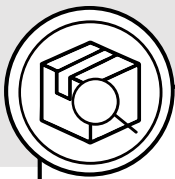
5 x72



STEP 3



STEP 4



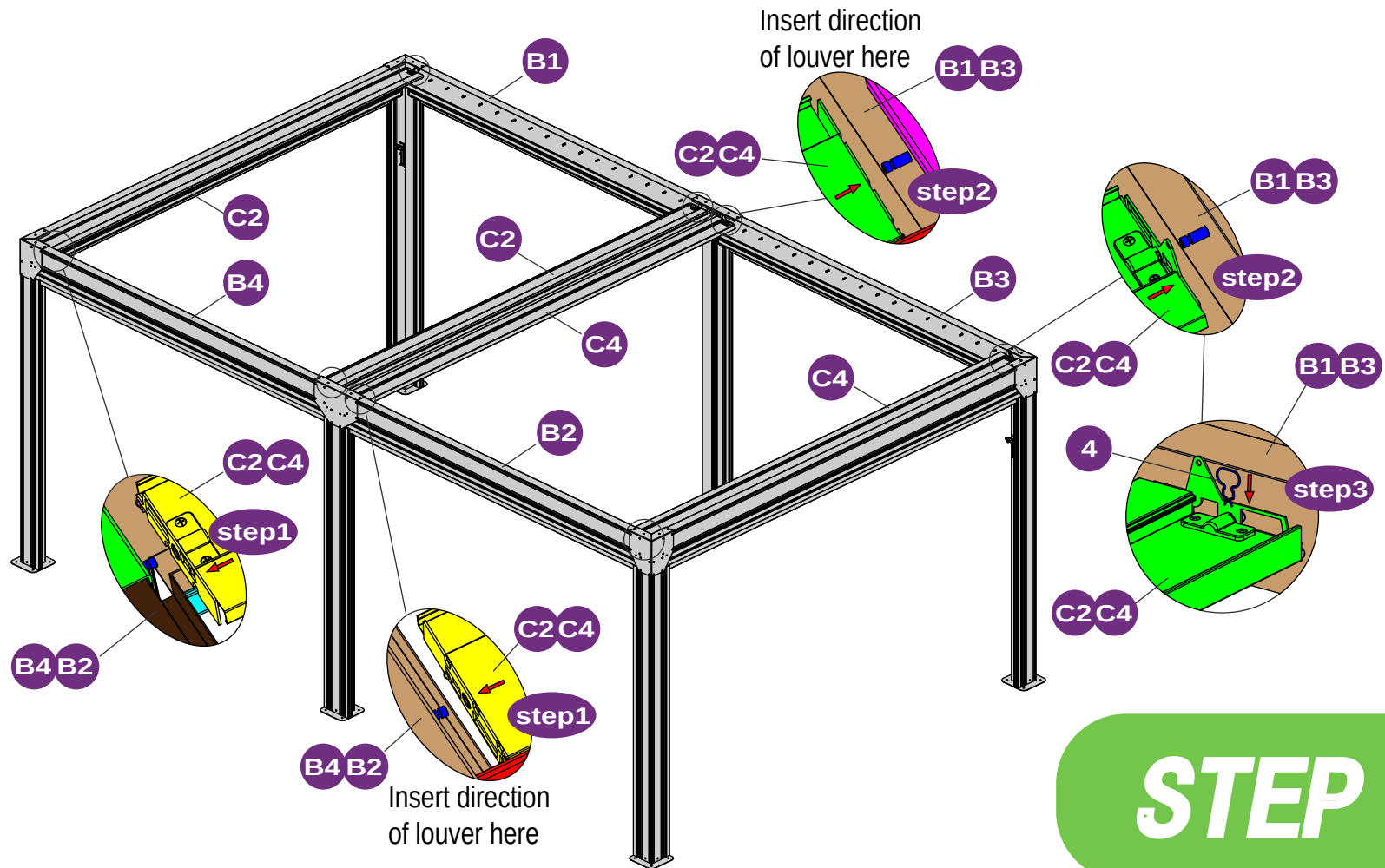
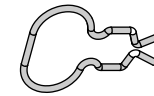
C2 x 2



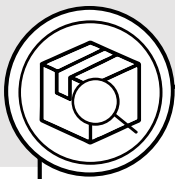
C4 x 2



4 x 4



STEP 4



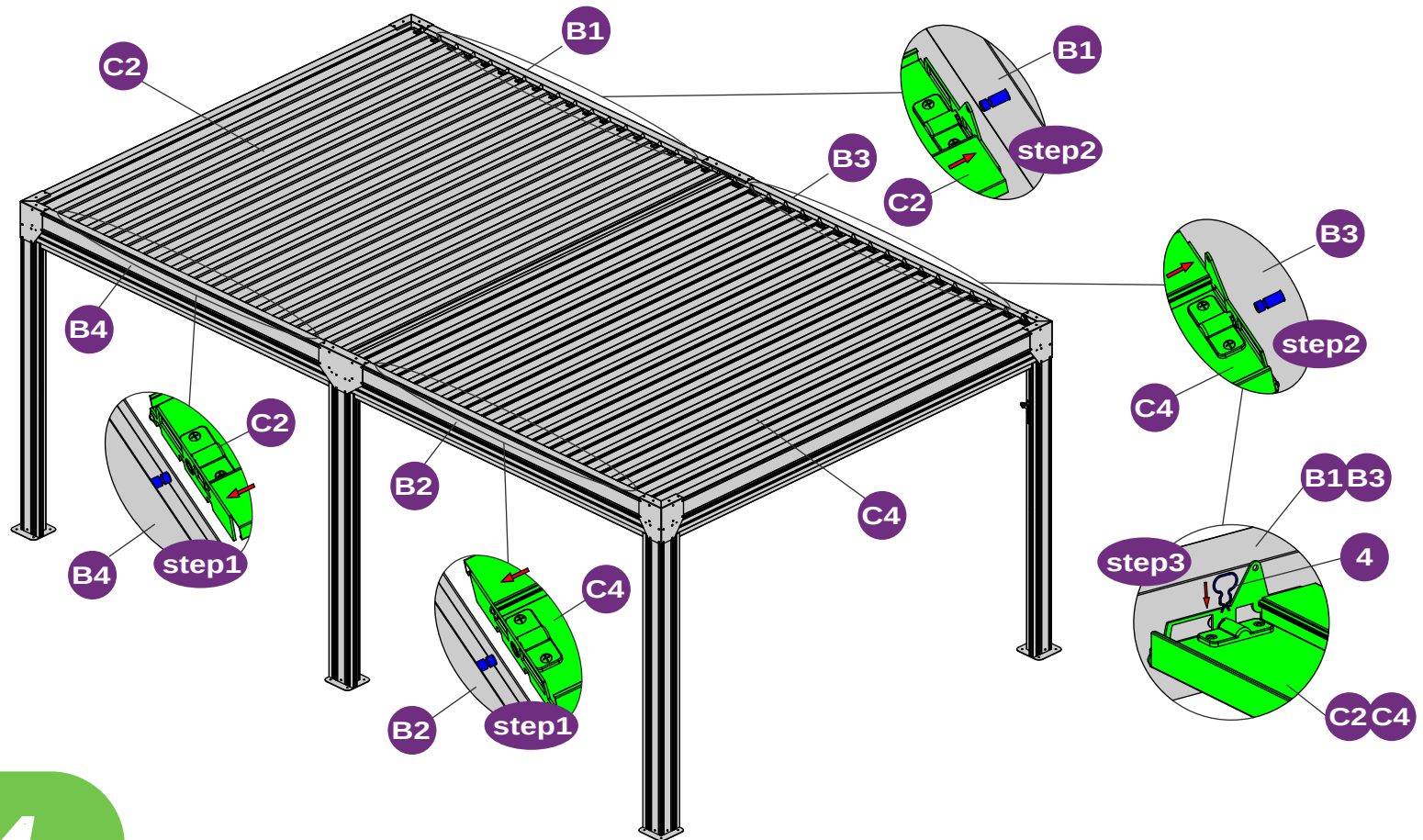
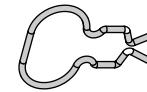
C2 x16



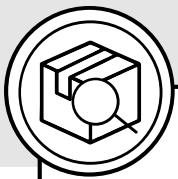
C4 x16



4 x32

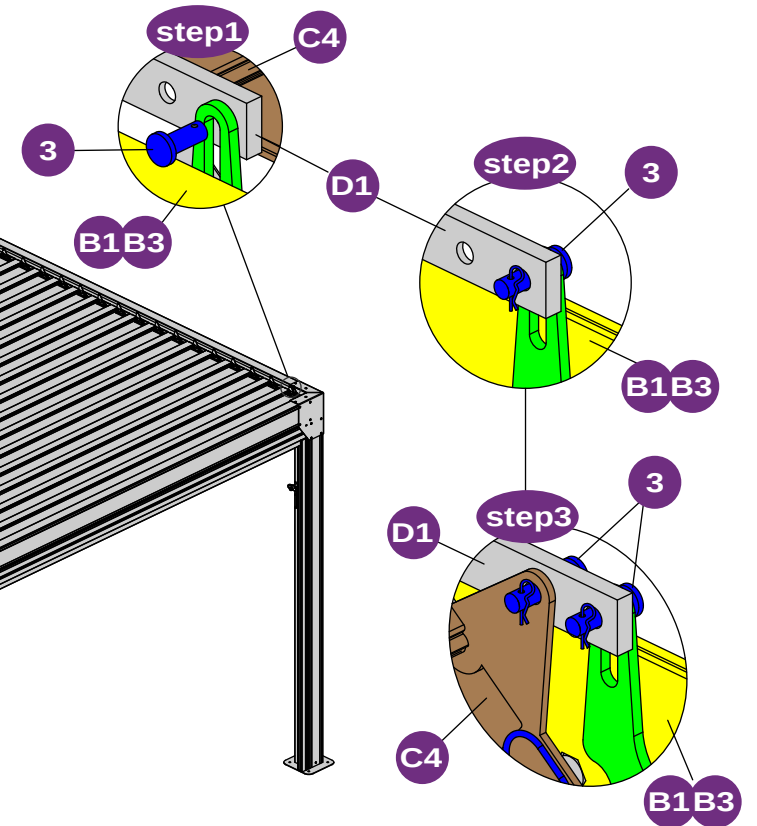
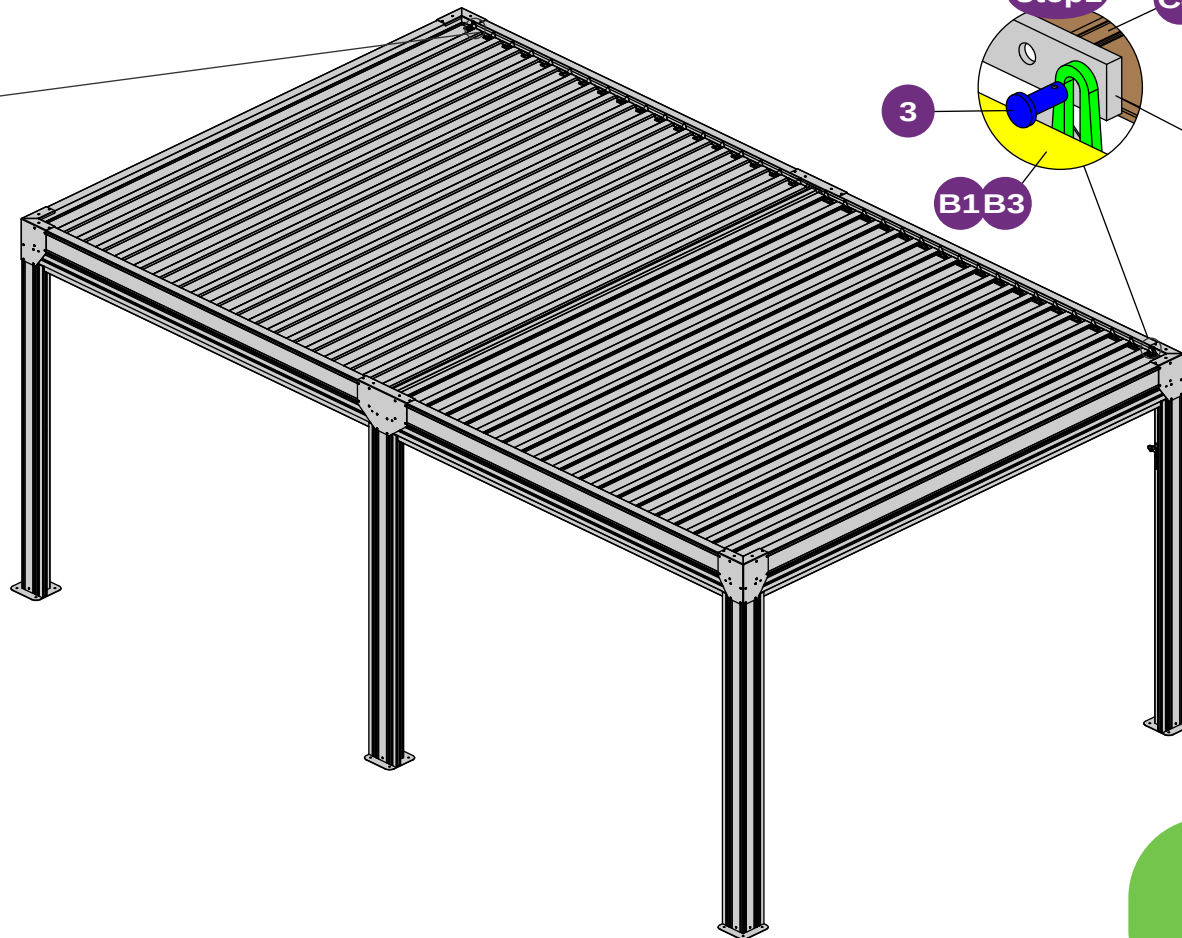
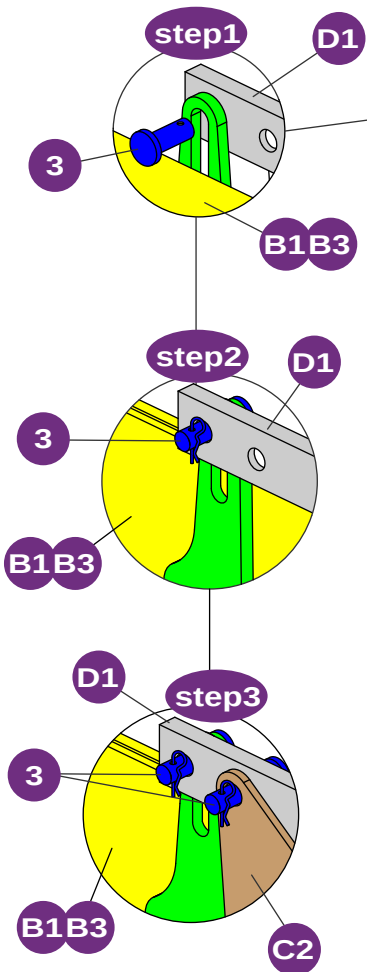


STEP 4

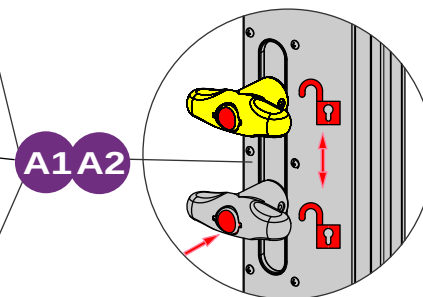
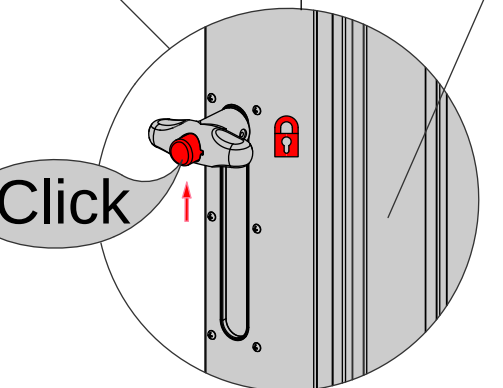
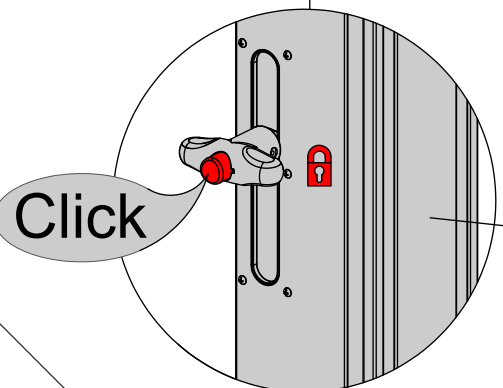
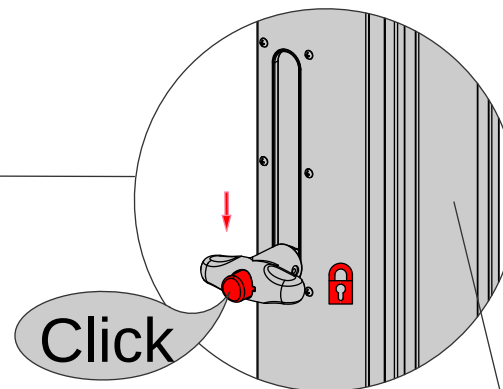


D1 x 2

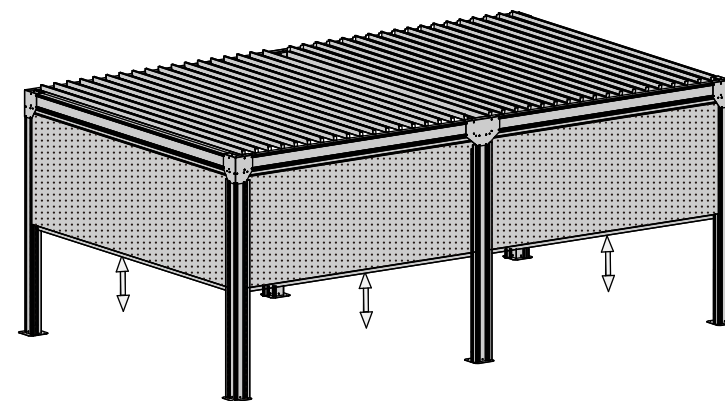
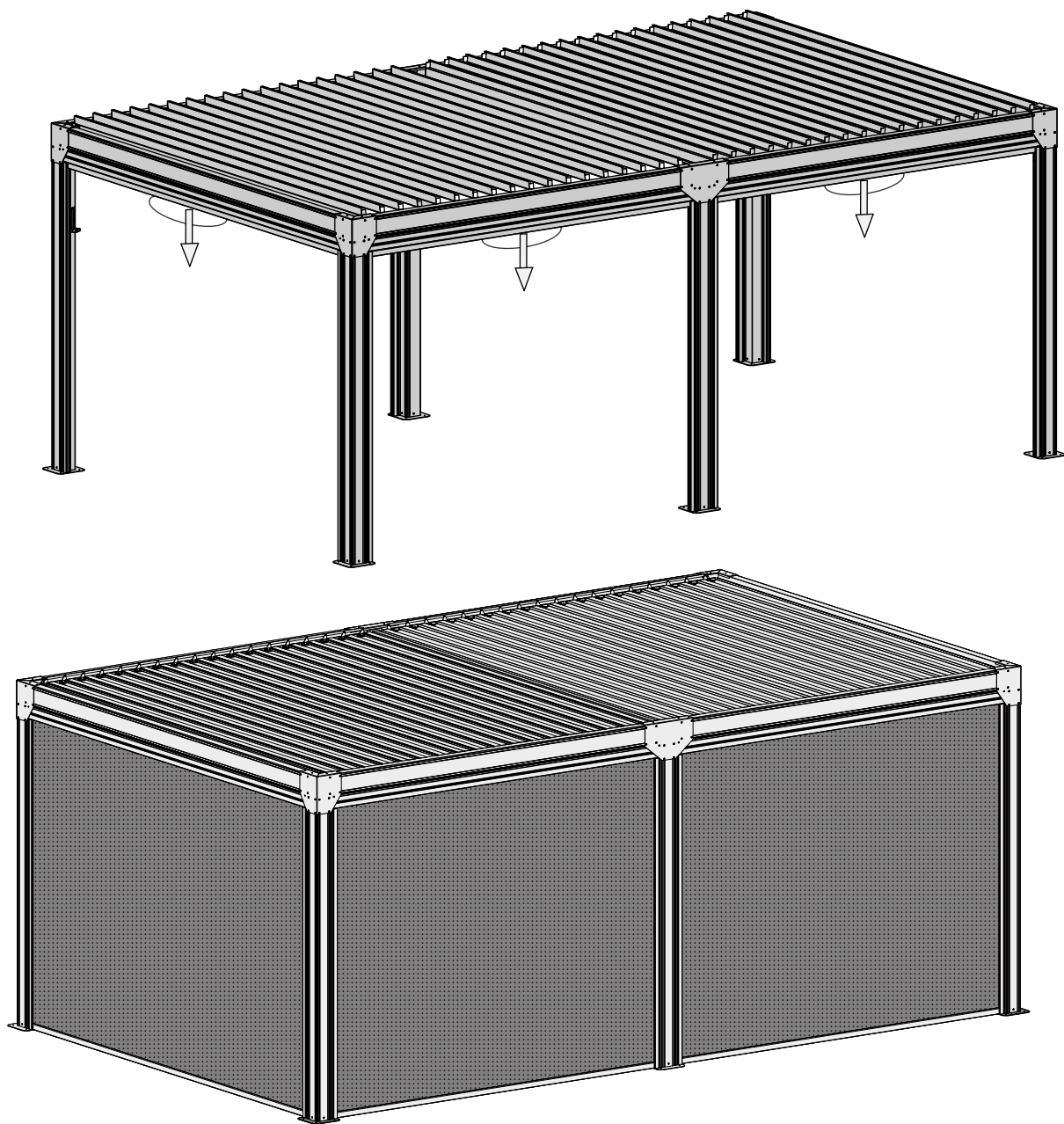
3 x38



STEP 4



STEP 4



STEP 4

Carton-1/8	
Part	Qty
A1	1
A2	1
A3	2
A4	2
F	12
G1	1
G2	1
G3	2

Carton-2/8	
Part	Qty
B1	1
B2	1
B3	1
B4	1
B7	2
B8	1
H	2
1.2.3.4.5.6 7.8.9.10.11	1

Carton-3/8	
Part	Qty
D1	2
E4	2

Carton-4/8	
Part	Qty
E1	2
E2	2
J	6

Carton-5/8	
Part	Qty
C2	9

Carton-6/8	
Part	Qty
C2	9

Carton-7/8	
Part	Qty
C4	9

Carton-8/8	
Part	Qty
C4	9

Warranty

The product is guaranteed to be replaced free of charge due to defects in materials and workmanship for one year from the date of purchase. However, damage caused by negligence, weather conditions, or intentional misuse is not covered by the warranty.

Warranty Limitation: This warranty applies only to the original purchase order (order number required). It is non-transferable, and we are responsible for the free replacement of parts, including shipping costs, for the 1-year warranty period. The 1-year warranty automatically expires after applying for a replacement. Please feel free to contact us to apply for warranty service.