MANUFACTURER LIMITED LIFETIME WARRANTY

This warranty offered by Fleximounts covers defects in material or workmanship in new Fleximounts products. This warranty extends to the original purchaser only and is non-transferable. Only consumers purchasing Fleximounts products from authorized Fleximounts retailers or resellers may benefit from our limited warranty.

What is covered?
For the lifetime of the product, Fleximounts will replace the defective product or parts only if the product is installed, operated and maintained according to instructions and if the product or part fails as a result of defective materials or workmanship.

What is not covered?
●Service calls for any reason, including installation, correcting installation, or instructing installation of any Fleximounts product.

●Repair or replacement needed due to accident, misuse, abuse, fire, flood, improper installation, neglect, corrosion, modification, or handling in any way inconsistent with the installation instructions.

●Any loss of or damage to other belongings due to accident, misuse, abuse, fire, flood, improper installation, neglect, corrosion, modification, or handling in any way inconsistent with the installation instructions.

●Repair or replacement for any product is used in any scenario other than normal, single-family household use, such as a commercial environment.

●Products damaged by loading beyond the specified maximum loading capacity of the product.

●Cosmetic damage that does not affect the functional or structural ability of the product, including scratches, dents, or cracks in paint.

●Replacement parts needed outside of the United States.

●Shipping or freight fees to return defective products or deliver replacements.

●Any labor costs.

Implied Warranties and Limitation of Damages

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES (INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY, AND FLEXIMOUNTS SHALL NOT BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR REVENUE, RESULTING FROM ANY BREACH OF EXPRESS OR IMPLIED WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, EVEN IF FLEXIMOUNTS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
Some jurisdictions do not allow limitations on the duration of an implied warranty or the exclusion or limitation of special, indirect, incidental or consequential damages, so the above limitations or exclusions may not apply to you.

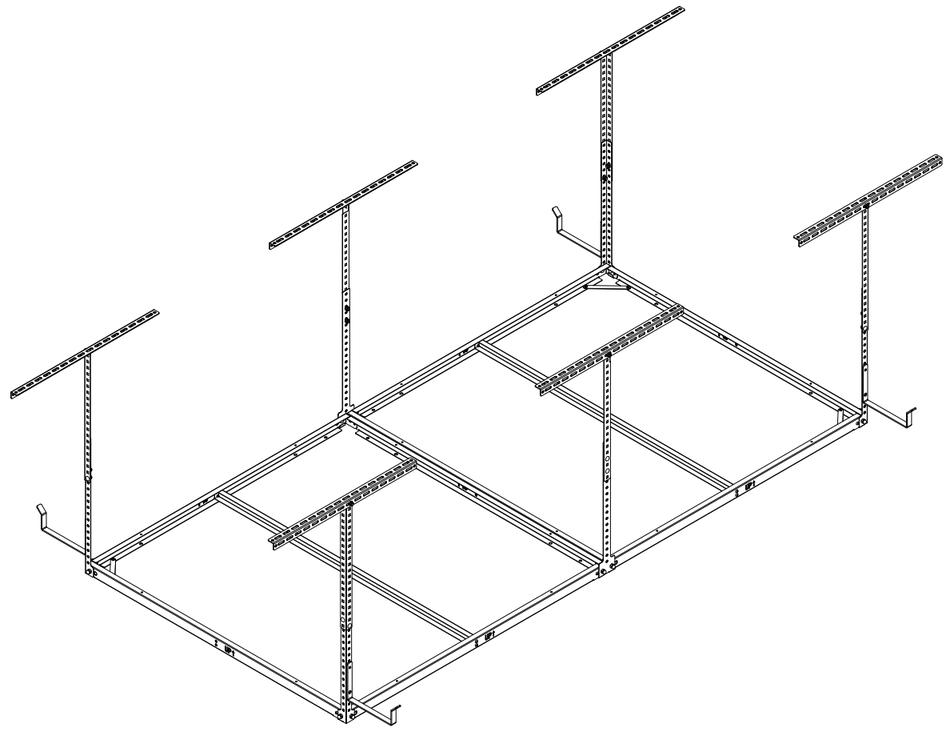
Governing Law
This Warranty shall be governed by the laws of the State of California, USA, without giving effect to any conflict of laws principles that may provide the application of the law of another jurisdiction.

How State Law Applies
This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

FLEXIMOUNTS

OHK48FB-E/OHK48F-E

Installation Guide

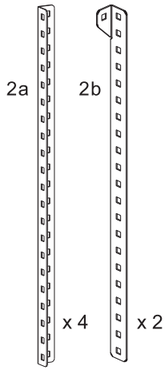
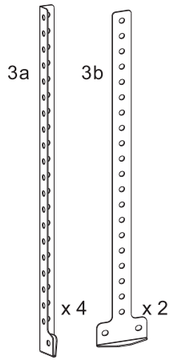
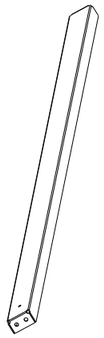
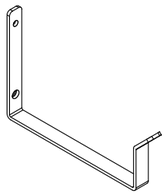


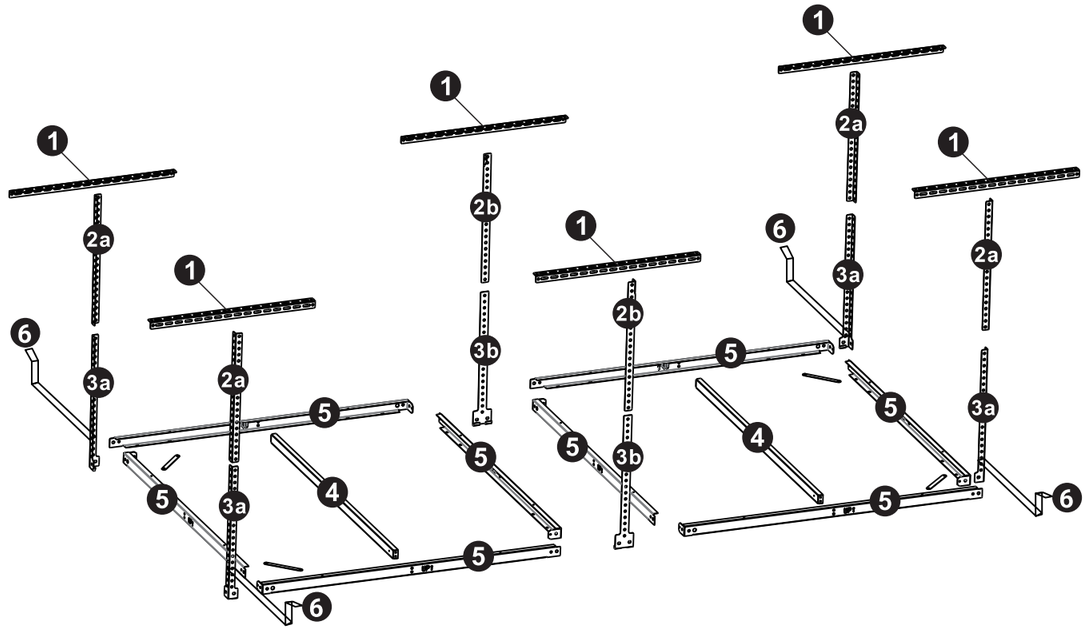
max
600 lbs
270 kg

560 - 1010 mm
22 - 40 in

Package Contents

(A) Parts Included

1 	2 	3 	4 	5 	6 
Ceiling Bracket x 6	2a. L-Shaped Upper Vertical Post x 4 2b. Upright Upper Vertical Post x 2	3a. L-Shaped Lower Vertical Post x 4 3b. Upright Lower Vertical Post x 2	Frame Reinforcement Bar x 2	Frame Bar x 8	Hook x4



(B) Srew Set

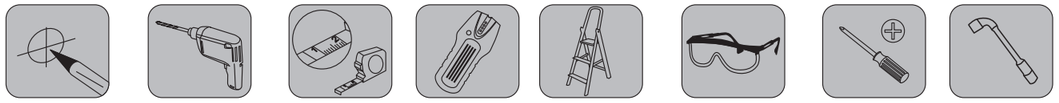
Package 1

6	7 	8 	9	10 	11 
St8.0 x 60 Tapping Screw (12 pcs/pack)	M8 x 15 mm Bolt (12 pcs/pack)	M8 Nut (12 pcs/pack)	Socket Wrench (1pc)	4 x 4 mm Hex Key (1pc)	M8 x 15 mm Bolt (6 pcs/pack)
12 	13 	14 	15 	16	17 
M8 Nut (6 pcs/pack)	M6 x 8 mm Bolt (26 pcs/pack)	M8 x 15 mm Bolt (14 pcs/pack)	M8 Cap Nut (14 pcs/pack)	St4.2 x 10 Tapping Screw (16 pcs/pack)	Reinforcement Bar (4 pcs/pack)

Package 2

18 	M8 x 16mm bolt x8	19 	M8 Nuts x8

(C) Tools Needed for Assembly



Pencil Cordless Power Drill Tape Measure Stud Finder Ladder Safety Glasses Screw Driver Wrench

Note: To fast the installation, we recommend to use electrical drill for tightening the screws and bolts.

⚠ SAFETY WARNING

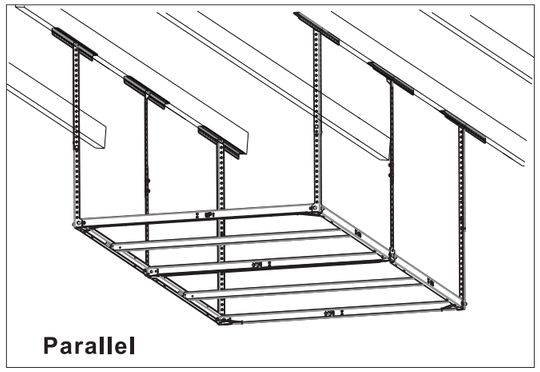
This product contains small items that could be a choking hazard if swallowed. Keep these items away from young children.

- Make sure these instructions are read and completely understood before attempting installation. If you are unsure of any part of this installation, please contact a professional installer for assistance.
- The ceiling must be capable of supporting the combined weight of the garage rack and your stuff. Otherwise, the structure and weight capacity of the ceiling must be reinforced.
- Proper tools must be used. A minimum of two people are required for this installation. Failure to install properly can result in property damage or serious injury.
- Check joint parts every two months, making sure the screws have not loosened.
- This product is designed to be installed on a wooden ceiling or solid concrete ceiling. Before installation, make sure that the weight capacity of the ceiling will support the combined load of the rack and your stuff. Never exceed the maximum load capacity of the product 600 lbs (270 kg), or else it may result in product damage or physical injury.

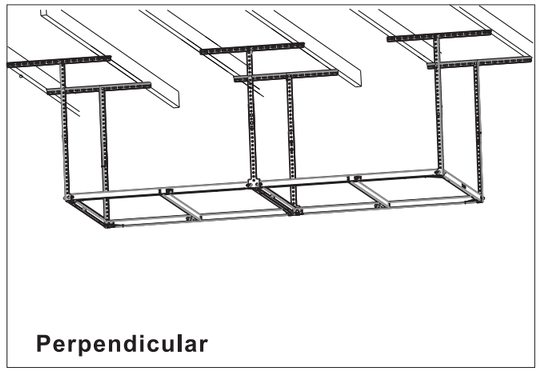
Note: This product is intended for indoor use only. Use of this product outdoors could lead to product damage or physical injury.

Fleximounts Installation Overview

A Plan your Fleximounts ceiling rack installation location, determine orientation and verify spacing of joists. (Page 04)

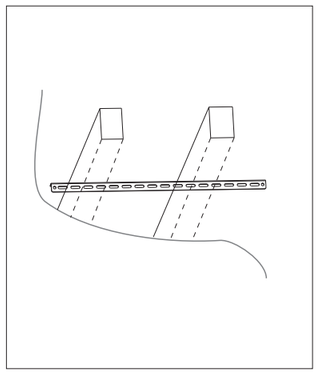


Parallel

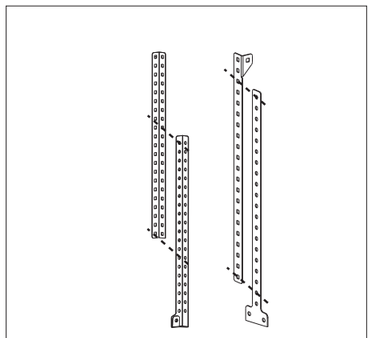


Perpendicular

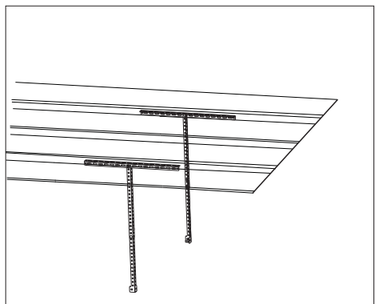
B Install ceiling brackets (Page 05-08)



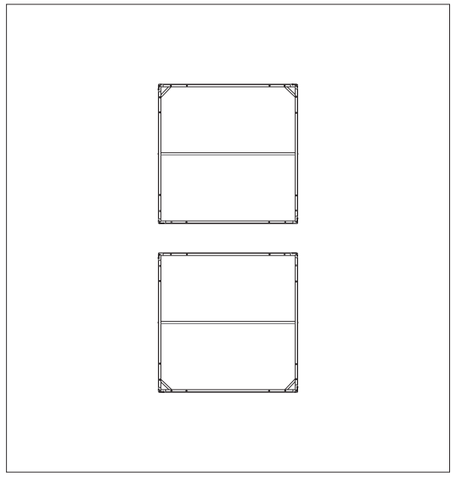
C Assemble the vertical posts (Page 09)



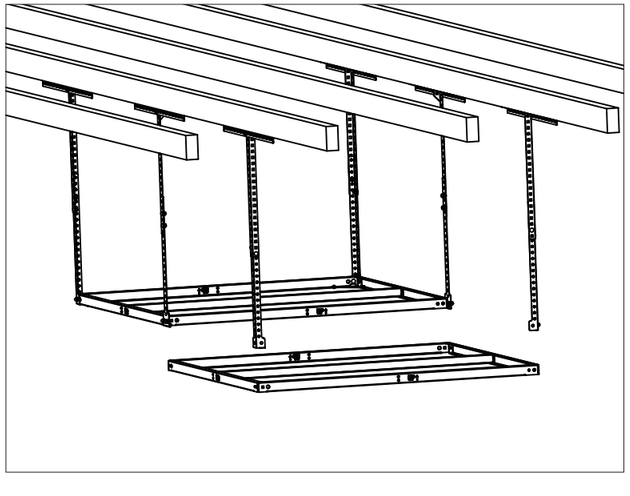
D Attach vertical posts to ceiling brackets (Page 10)



E Assemble the frames (Page 11)

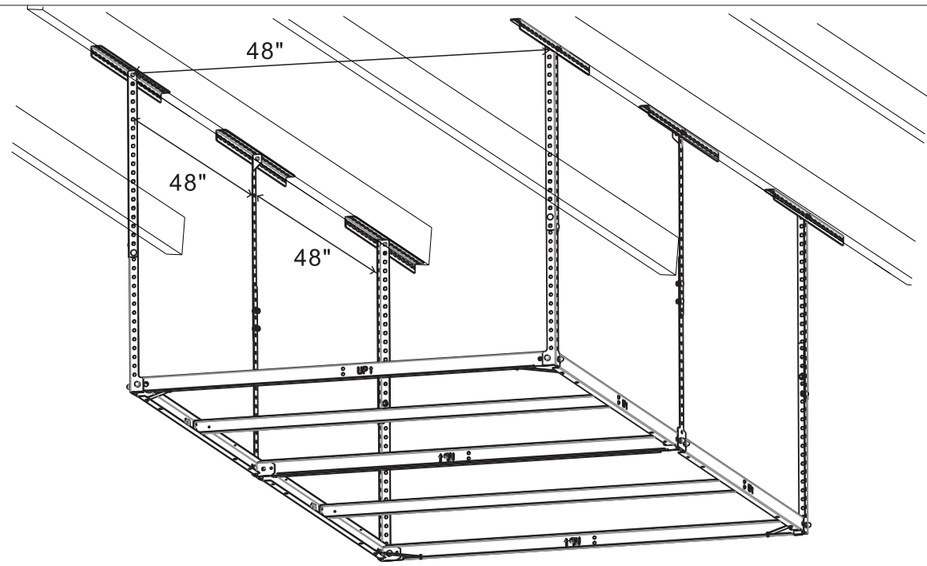


F Place and attach frames (Page 12)



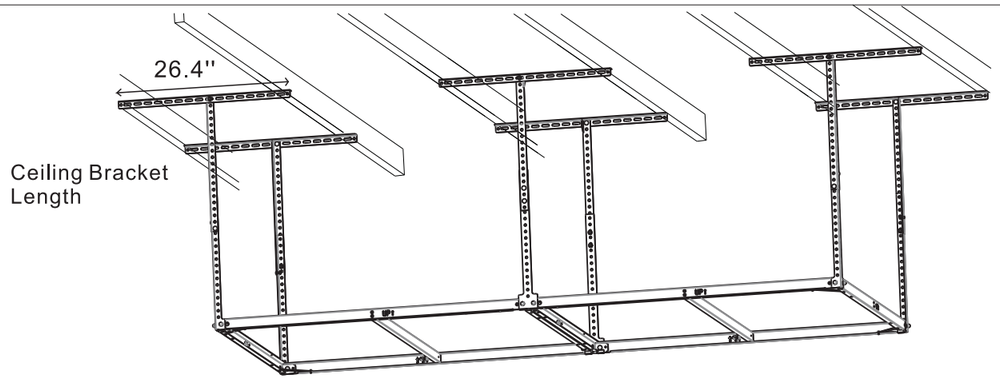
Step 1: Plan the Installation Location

Determine if your ceiling rack will be installed parallel or perpendicular to the direction of your ceiling joists. Make sure that the distance between the vertical posts are 48" apart. Use a stud finder to locate the joists if ceiling is finished with drywall.



Parallel

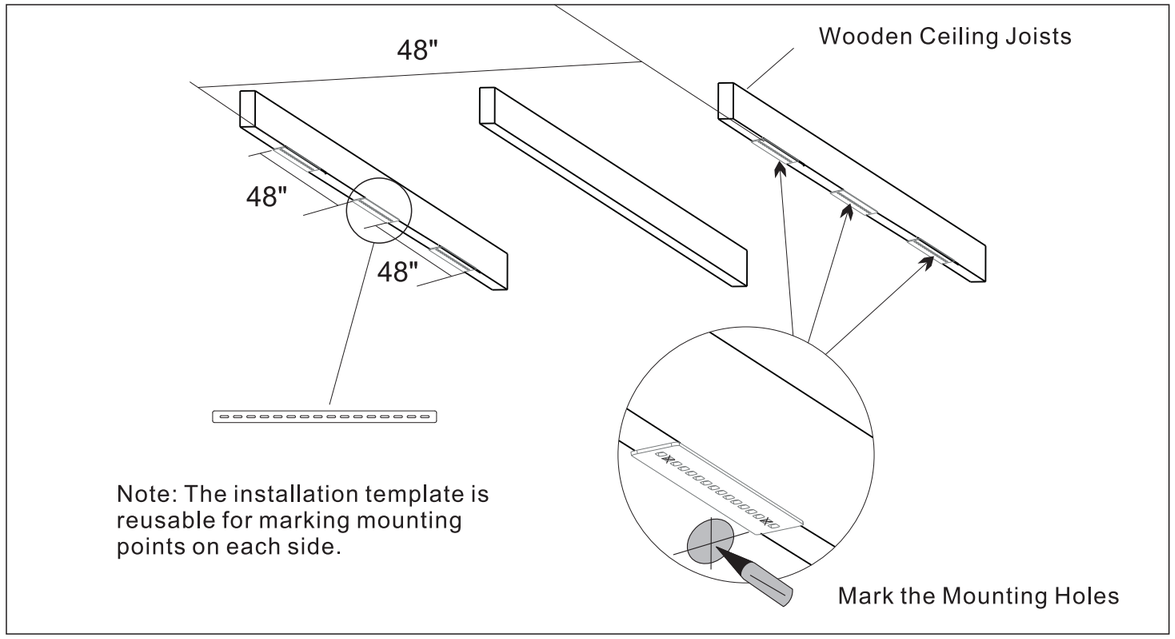
Note: For a parallel installation ensure that the ceiling joists are 48" apart. If not, install perpendicularly instead.



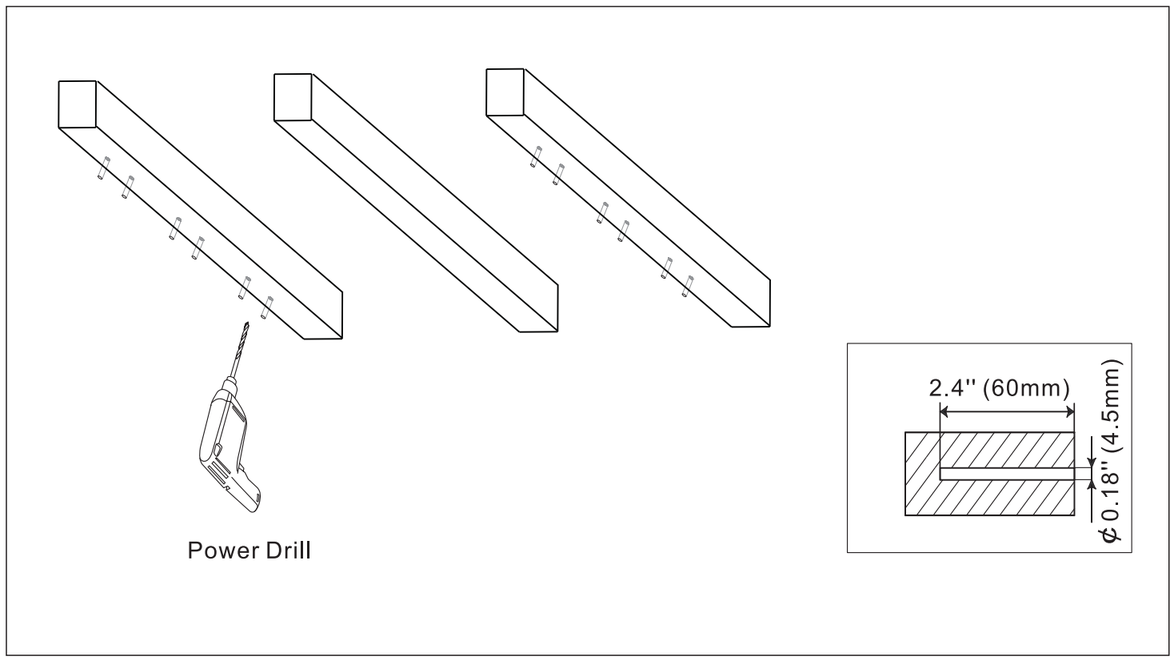
Perpendicular

Step 2-A: Install Ceiling Brackets Parallelly

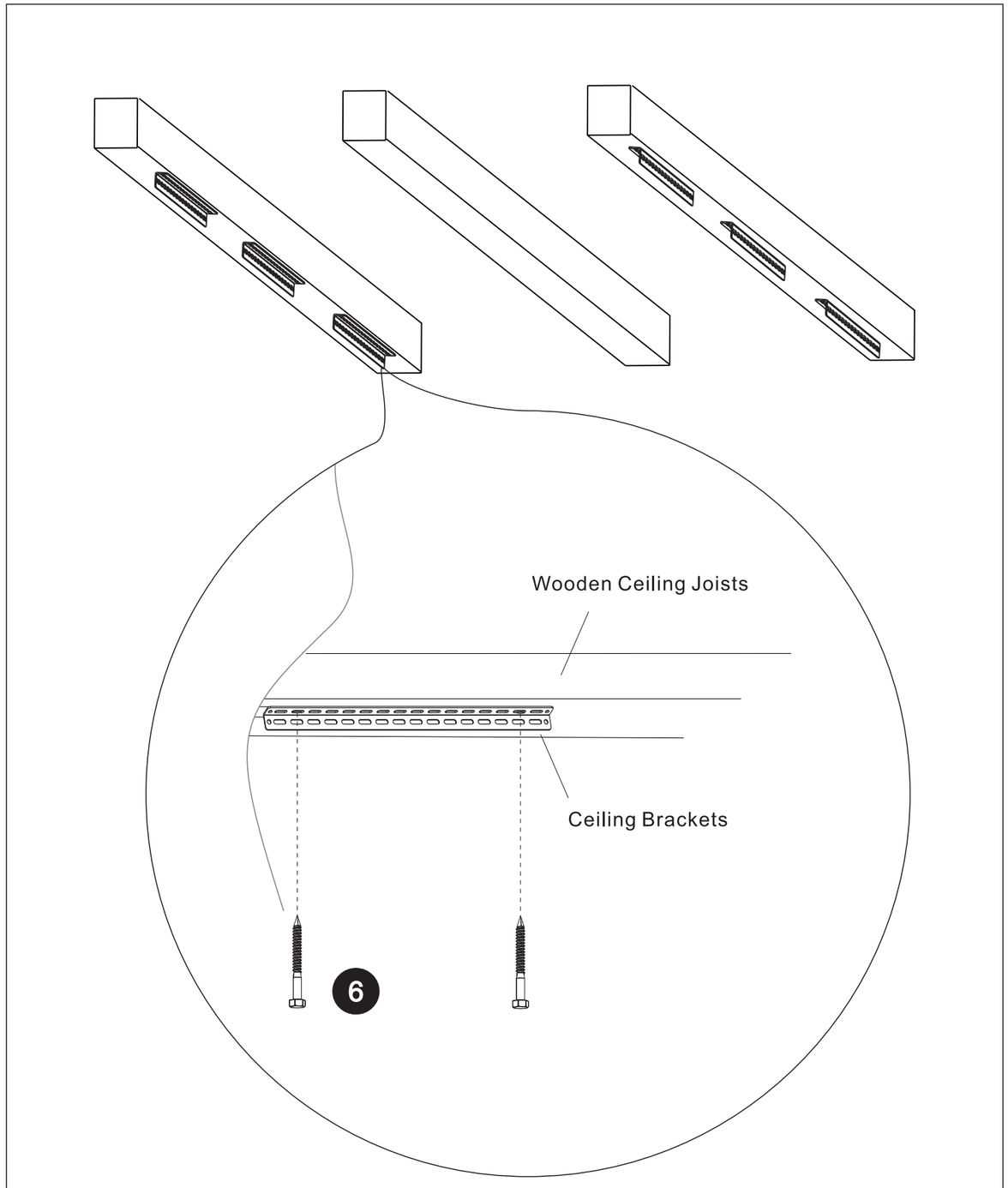
1. Use a stud finder to locate the wooden ceiling joists. Then use the installation template to mark the mounting points.



2. Drill a 2.4'' (60mm) deep 0.18'' (4.5mm) diameter pilot hole at the center of each marked point.

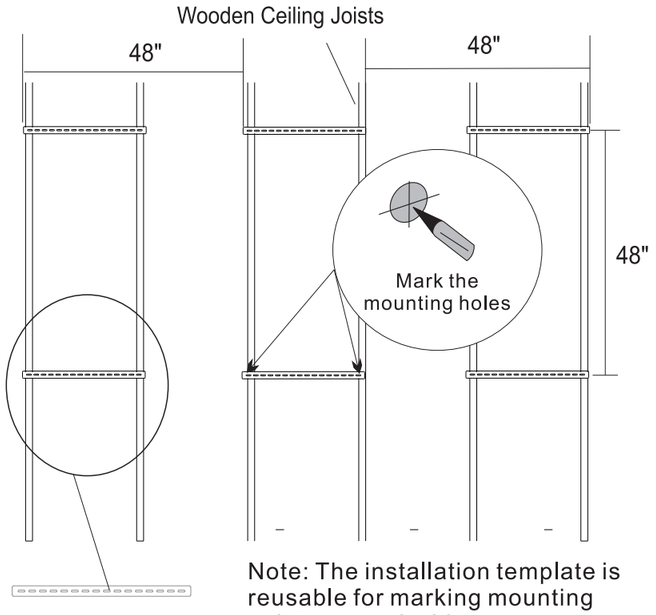


3. Install the ceiling brackets using tapping screws (6) and tighten with socket wrench.



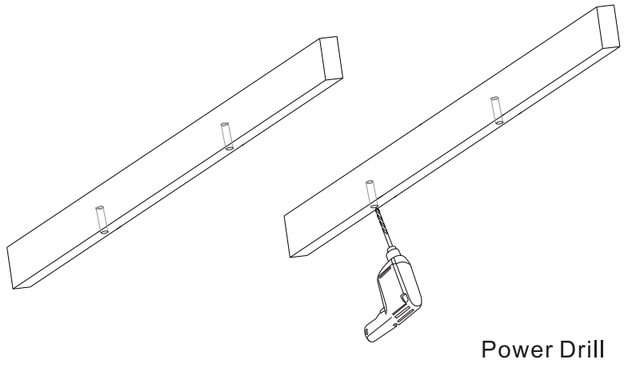
Step 2-B: Install Ceiling Brackets Perpendicularly

1. Use a stud finder to locate the wooden ceiling joists. Then use the installation template to mark the mounting points.

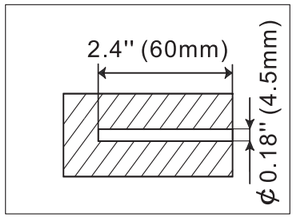


Note: The installation template is reusable for marking mounting points on each side.

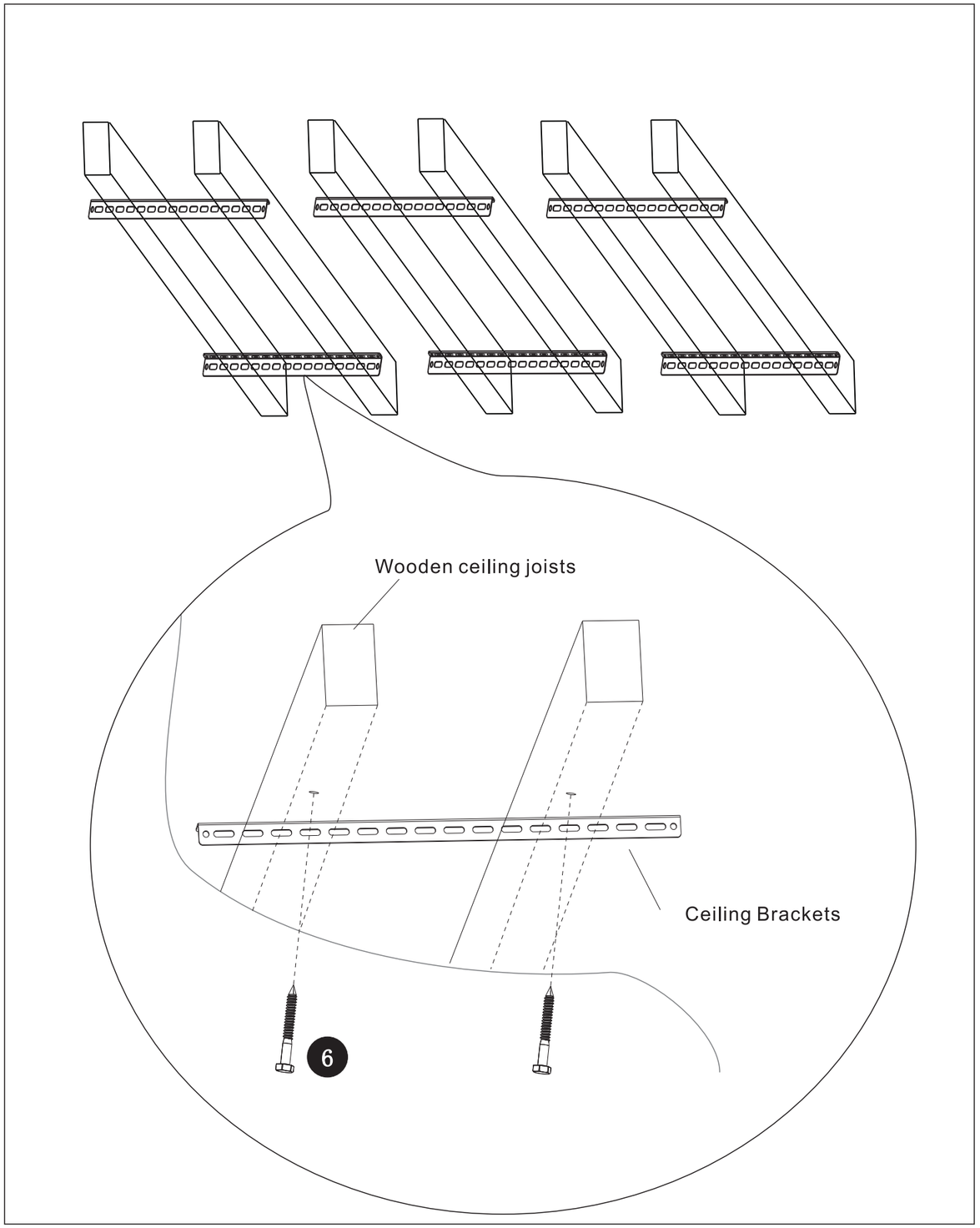
2. Drill a 2.4'' (60mm) deep 0.18'' (4.5mm) diameter pilot hole at the center of each marked point.



Power Drill

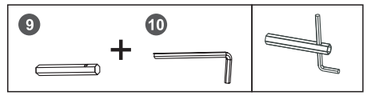


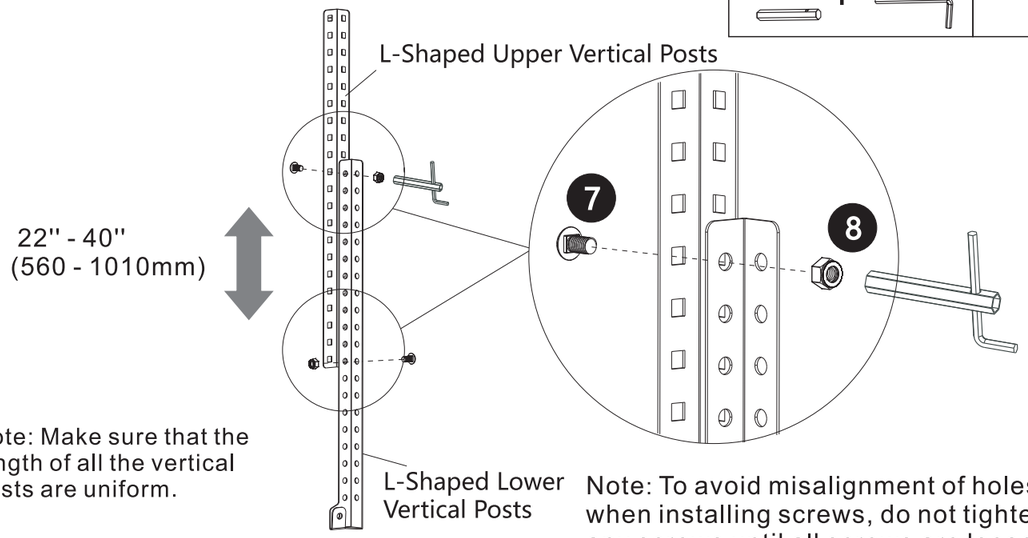
3. Install the ceiling brackets using tapping screws (6) and tighten with socket wrench.



STEP 3: Assemble the Vertical Posts

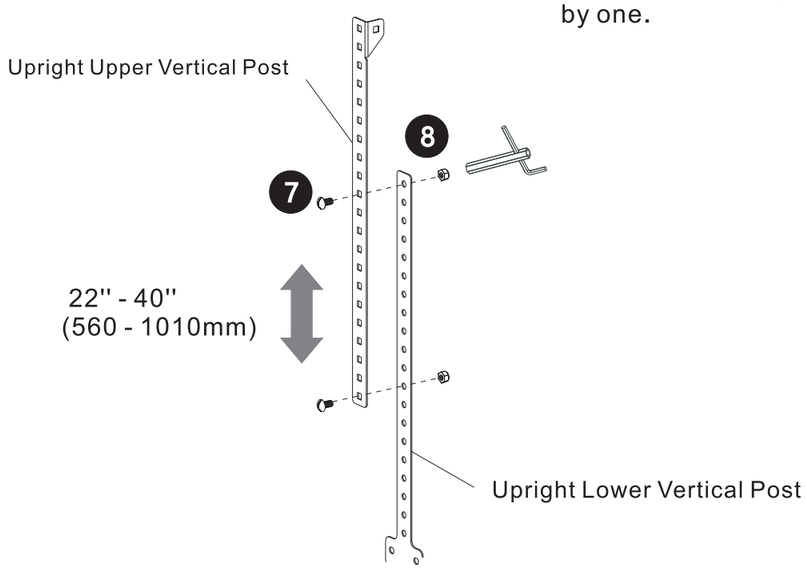
Determine hanging height and then attach L-shaped/upright upper vertical posts with L-Shaped/upright lower posts using bolts (7) and nuts (8). Tighten with socket wrench (9) and hex key (10).





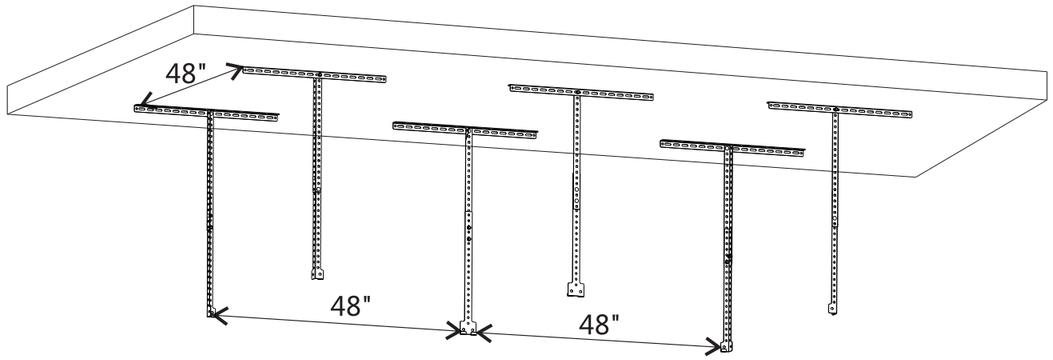
Note: Make sure that the length of all the vertical posts are uniform.

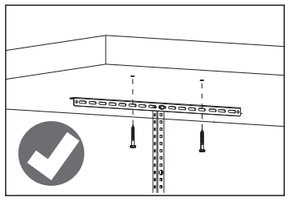
Note: To avoid misalignment of holes when installing screws, do not tighten any screws until all screws are loosely installed. Then, tighten the screws one by one.

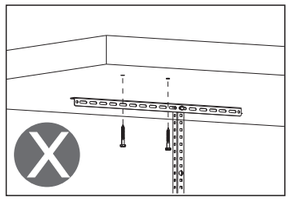


Step 4: Attach Vertical Posts to Ceiling Brackets

Attach vertical posts to ceiling brackets. Make sure the distance between the posts are completely consistent with the figure shown below.

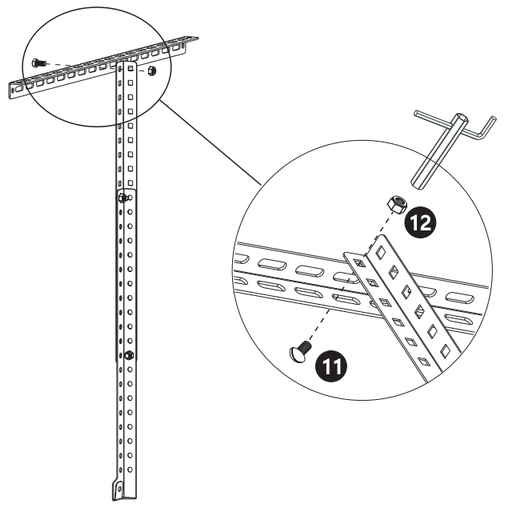




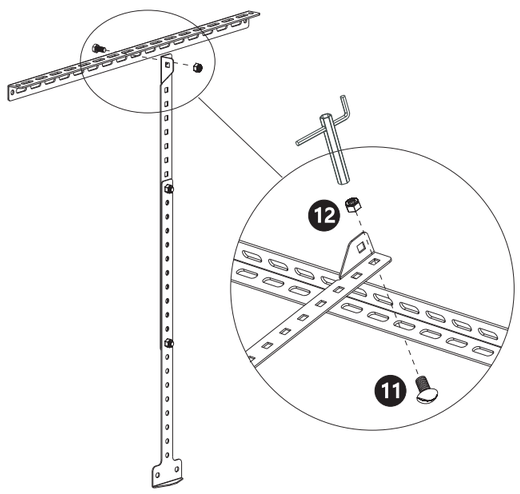


Always install the vertical posts between the bolts in the ceiling bracket. Do not attach the vertical posts outside. Otherwise the ceiling brackets will bend, causing personal injury or damage to your stored items if they fall.

Attach L-Shaped vertical posts to ceiling brackets using bolts (11) and nuts (12). Tighten with socket wrench (9) and hex key (10).

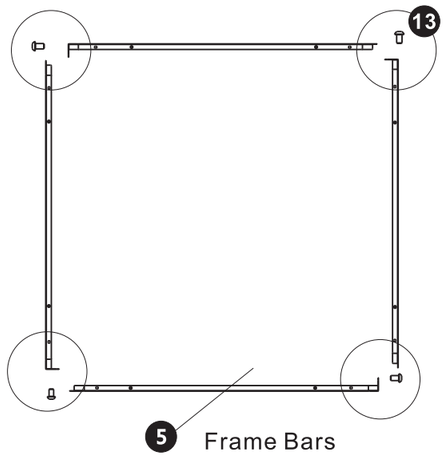


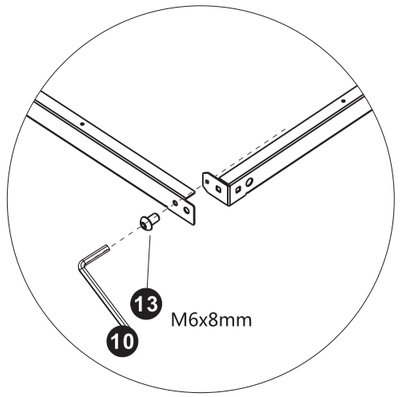
Attach upright vertical posts to ceiling brackets using bolts (11) and nuts (12). Tighten with socket wrench (9) and hex key (10).



Step 5: Assemble the frames

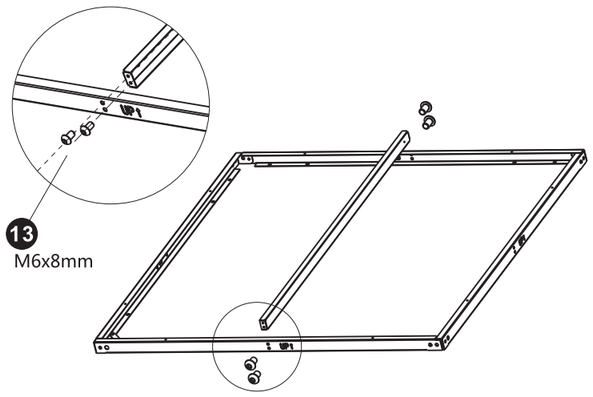
1. Assemble the 8 bars into 2 frames.



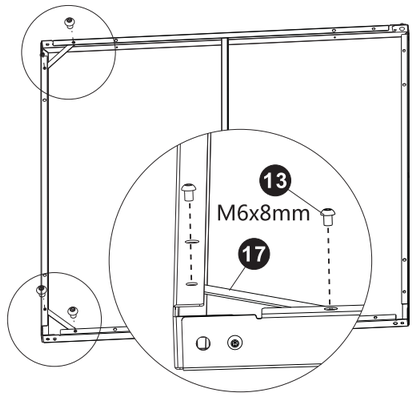


Note:
To avoid misalignment of holes when installing screws, do not tighten any screws until all screws are loosely installed. Then tighten the screws one by one.

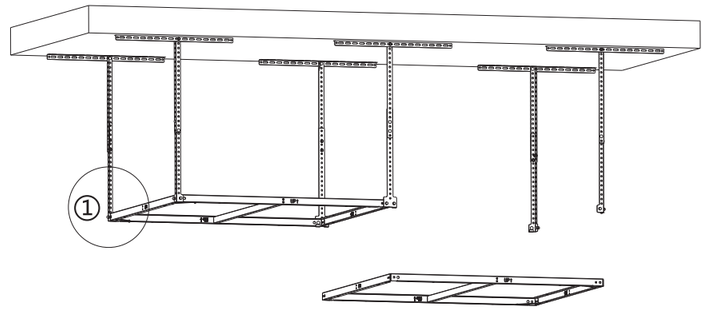
2. Assemble the frame reinforcement bar.

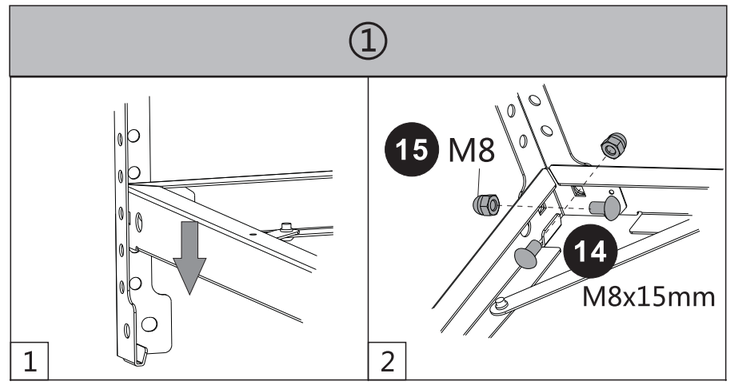


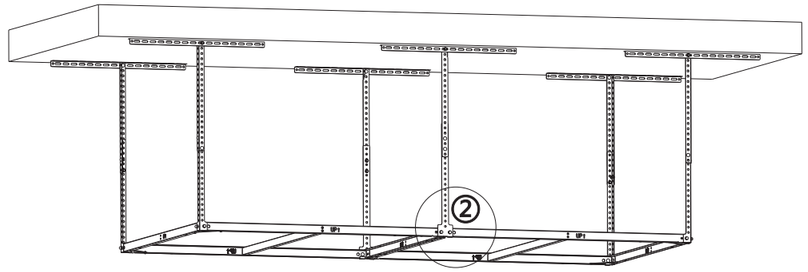
3. Flip over the frame and attach the reinforcement bar.

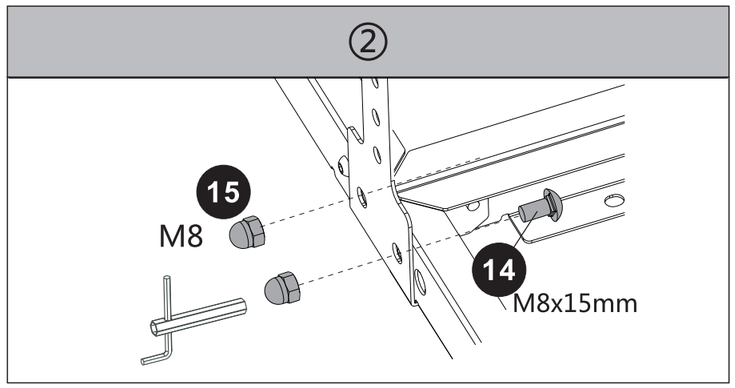


Step 6: Place and attach the frames to vertical posts



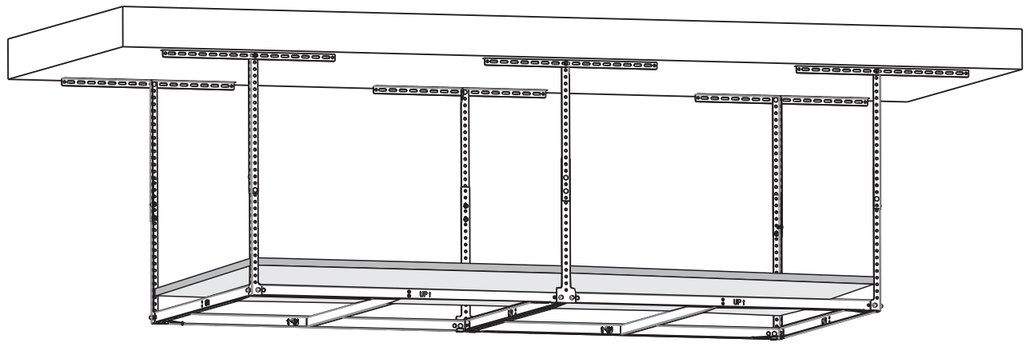






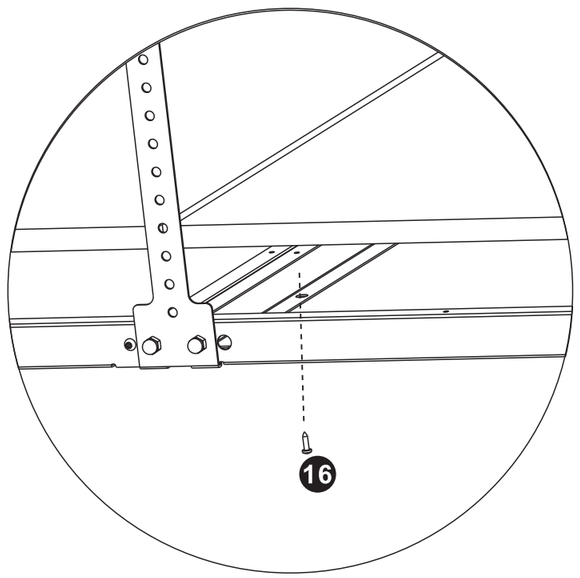
Step 7: Assemble the plywood (if needed)

Place the board on the frame,select the appropriate self-tapping screws.
Lock the board and frame from bottom to up.



Note:
Recommended plywood size:
2 sheets of 4'x 4' plywood.

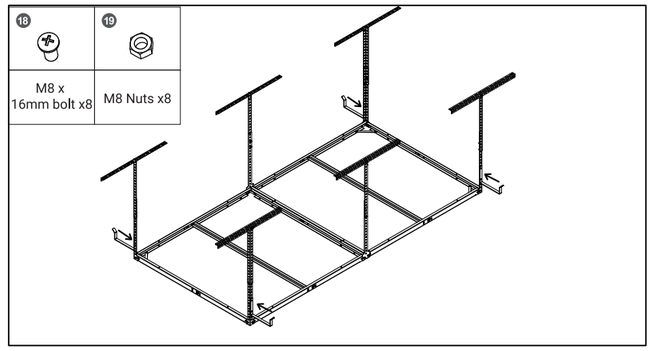
Recommended plywood thickness:
3/8" plywood or thicker.



Note:
Fleximounts give ST4.2 x 10 Tapping Screws ⑯.
If not suitable, you need to buy screws according to the thickness of the board.

Step 8: Attach the hooks

Attach the hooks to
the vertical posts,
tighten with bolts and nuts.

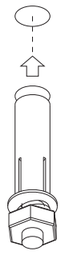


Installation Tips

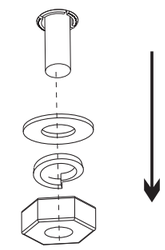
Use of Metal Expansion Bolt

The metal expansion bolt is needed if installing to a concrete ceiling (metal expansion bolts are not included).

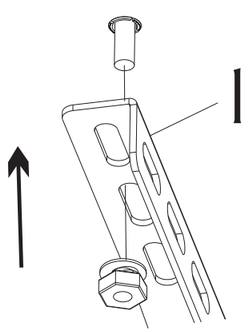
1 Tap the metal expansion bolt into the mounting hole.



2 Screw out the nut and washer.



3 Install the ceiling bracket.



4 Tighten the nut with a socket wrench.

