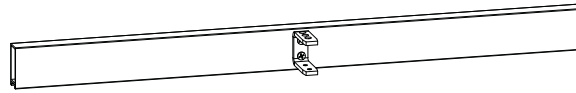
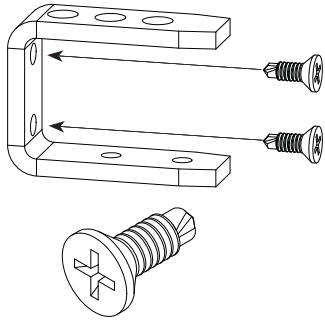
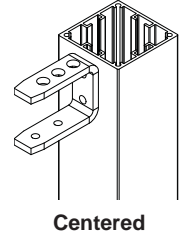


Visual Guide to Top Plate and C Bracket Installation

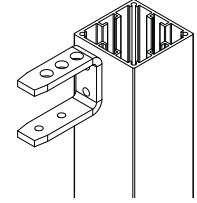
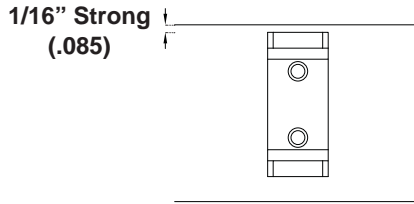
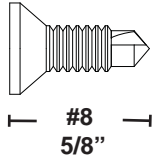
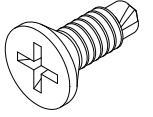
C Bracket Placement Locations



Brackets may be installed on Crossbars and legs in many different locations.

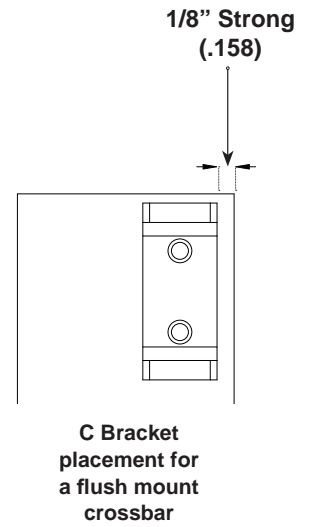
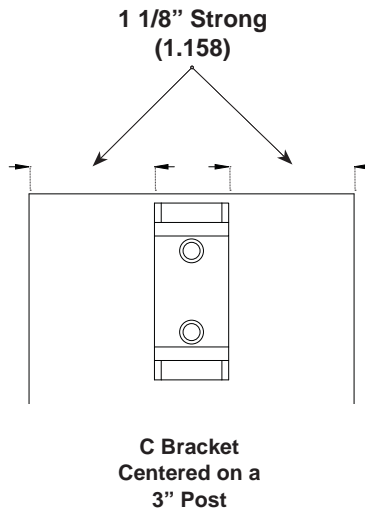
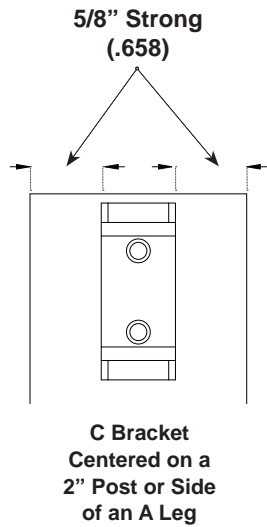
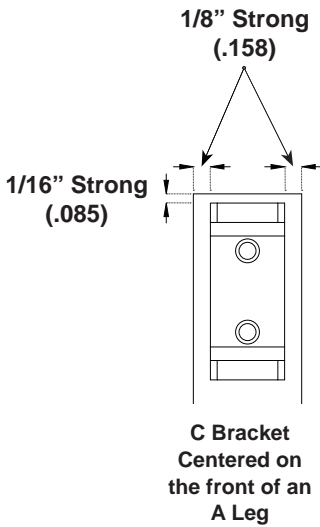


Centered

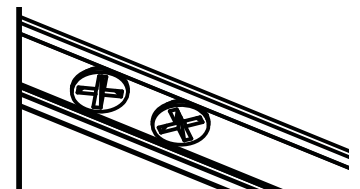
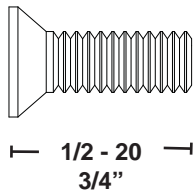
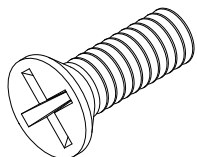
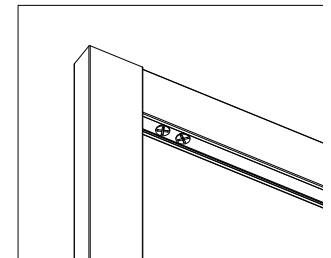
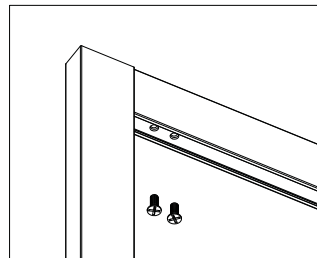
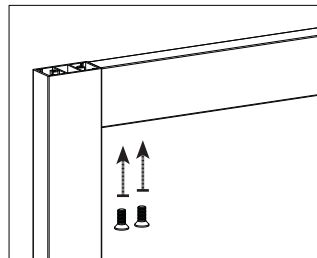
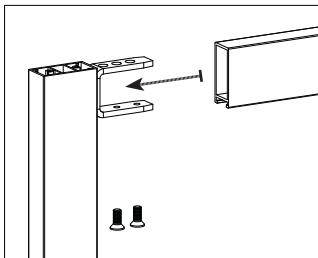


Flush

C Bracket Placement



Crossbar Installed Onto C Bracket



Visual Guide to Top Plate and C Bracket Installation

Top Plate Configurations

A Leg / F Leg Top Plates		N Leg (2x2 & 3x3) Top Plates		Post Leg Top Plates (2x2 & 3x3)		
Handed	Centered	Handed	Centered	Centered	Shared	Handed

Top Plate - Crossbars

Crossbar Top Plate Locations

Crossbar top plate locations vary depending on layout

Typical Finished Placement

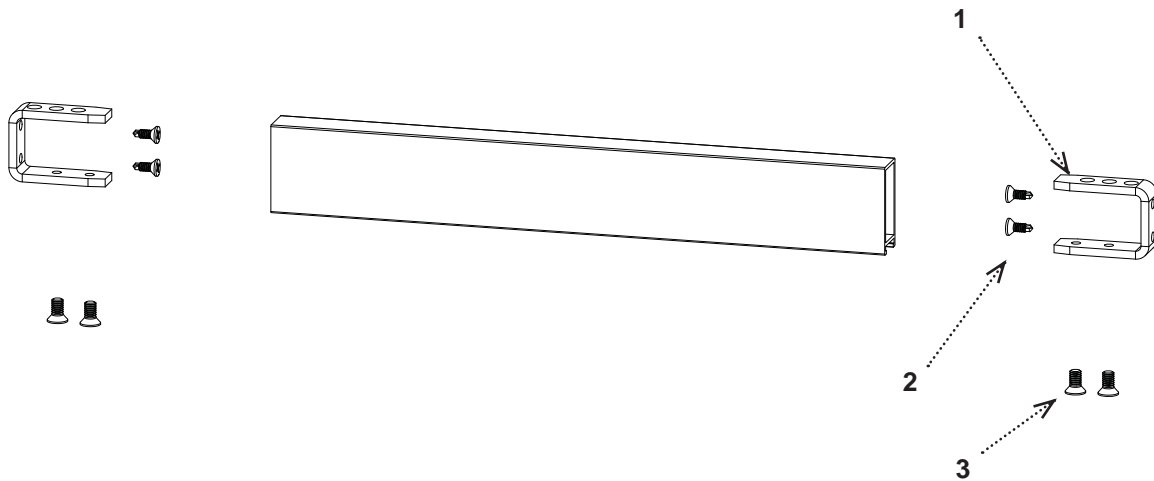
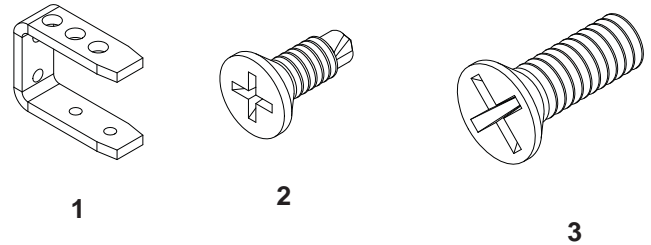
Crossbars

Crossbars have the most basic parts list (Crossbar, C Brackets and Screws), however they have the most complicated installation methods. The placement of the legs that are used with the crossbars is essential to the installation. If the legs are not installed in precise locations, the crossbar lengths may not install correctly.

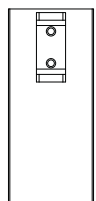
With three leg types, three leg installation points and two leg connection points to take into consideration, there are 462 different crossbars offered by AIS to accommodate all possible configurations.

Crossbars

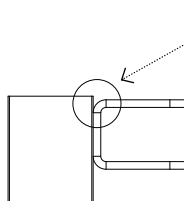
1. RWFS-OEPCB - Open End Panel "C" Connector
2. MSSFFP103238 - #10-32 x 3/8" Flat Phil Stainless Type "F"
3. RP-HMCB - Connector Bolt - Flat Machine 1/4 20 x 3/4"



C Bracket Placement



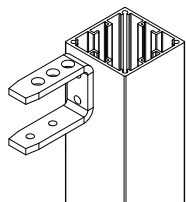
Front View



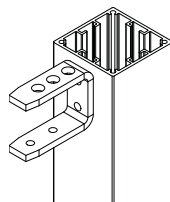
Side View

Not Flush

Top of C Bracket to Top of Leg / Crossbar is ALWAYS: 1/16" Strong (0.085")

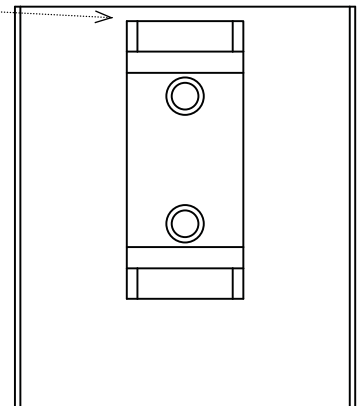


"Edge"



"Centered"

Crossbar C Brackets may be installed on either leg posts or leg crossbars.



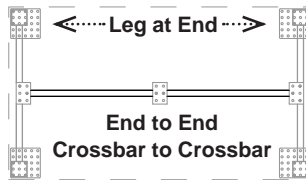
Crossbars - Before you Begin - Identify the crossbar application

There are three important parts to each crossbar:

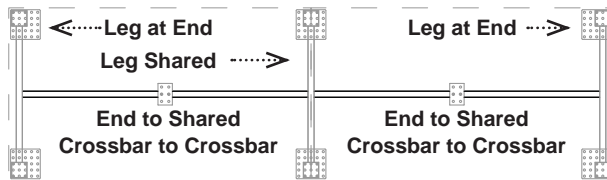
1. The type of leg the crossbar is being used with. Each leg has a different dimension, so the length of the crossbar changes depending on leg type.
2. The connection point for the crossbar. Since the leg also has a crossbar, the connection point can change the crossbar type. If you connect to the leg the distance is shorter than connecting to the crossbar on the leg.
3. The location of the legs that the crossbar is attaching onto. Depending on the leg location, the connection points can be closer or further away.

Below are visual examples of the scenarios that crossbars can be used for. (3x3 Post legs shown, however the crossbar length would change again if the legs were 2x2 or A Legs).

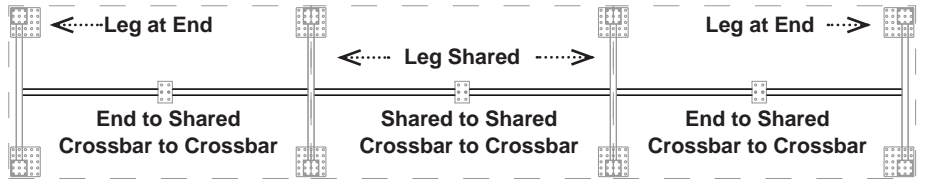
1. Example table length is 42"
2. Crossbar Attachment
3. Leg Locations - End / End



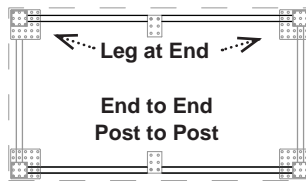
1. Example table lengths are 42"
2. Crossbar Attachment
3. Leg Locations - End / Shared



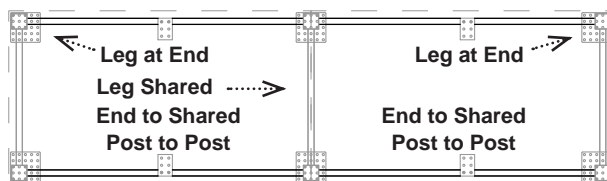
1. Example table lengths are 42"
2. Crossbar Attachment
3. Leg Locations - End / Shared
- Shared / Shared



1. Example table length is 42"
2. Post Attachment
3. Leg Locations - End / End



1. Example table lengths are 42"
2. Post Attachment
3. Leg Locations - End / Shared



1. Example table lengths are 42"
2. Post Attachment
3. Leg Locations - End / Shared
- Shared / Shared

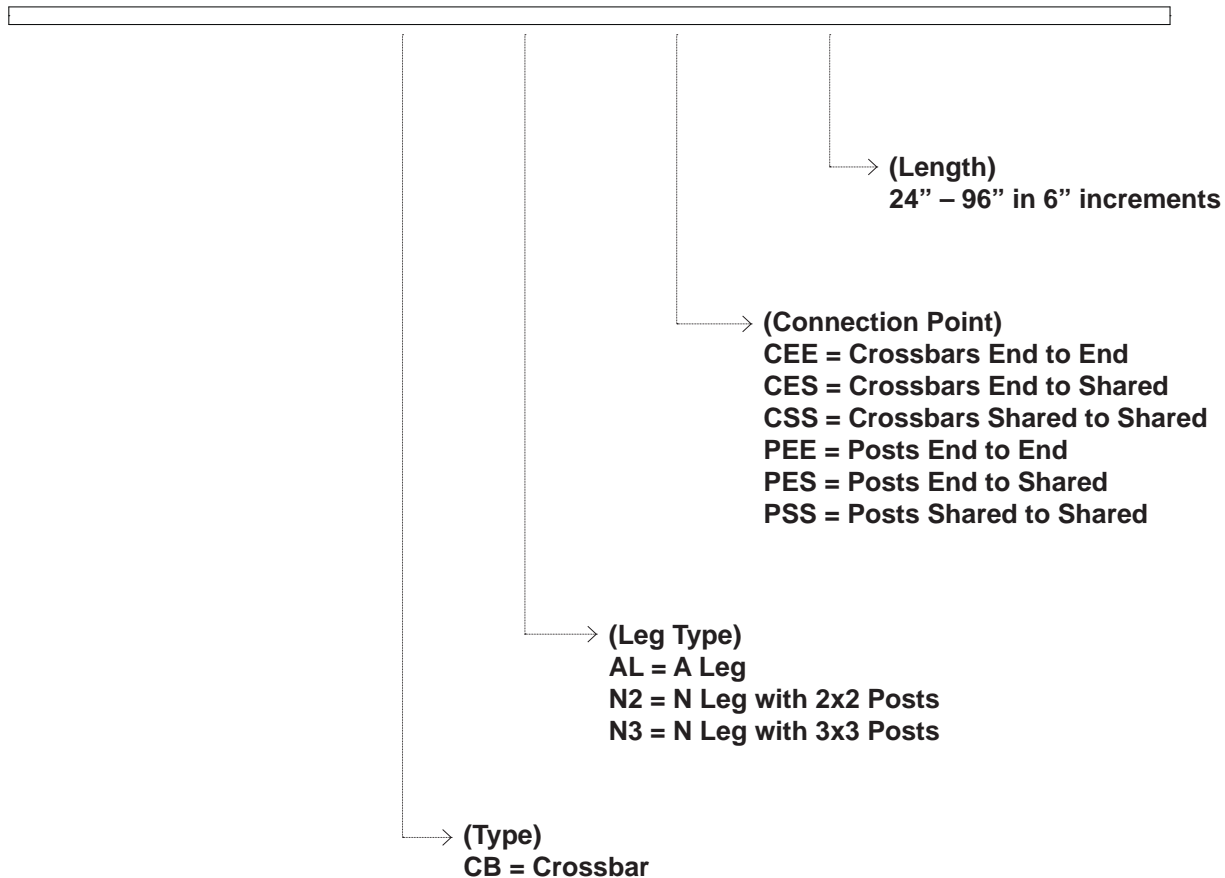


Crossbars - CAD Symbols

Below is a description of the tags on the design symbols for Crossbars. Since the crossbars themselves are just simple rectangular symbols, the tag is where all the specific information is contained regarding the type and use of the crossbar.

Below is an example of a Crossbar for A Legs connecting to the posts that are located at the ends of a 60" work surface. Below is an example of how the symbol tags are created and translated.

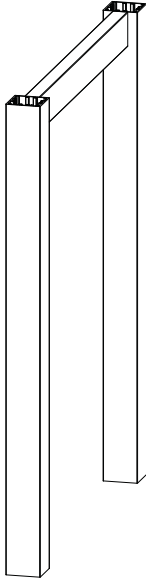
CB/AL/PEE/60



All crossbar symbols come with 2 versions, "high" and "low". The High crossbar will 3d to the top of a 27" high leg, matching the existing crossbars. The Low crossbars will elevate to match the lower crossbar on an A Leg. It is important to note that these two parts are the exact same; they only carry different 3d symbols.

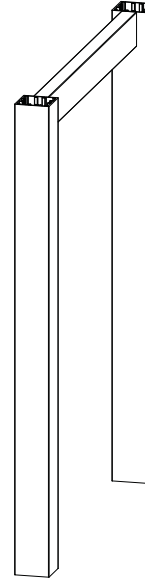
Crossbars - Step 1 (the first leg)

Identify the first leg in the configuration
(N Leg with 2x2 Posts used for example).



Crossbars - Step 1b (connection point)

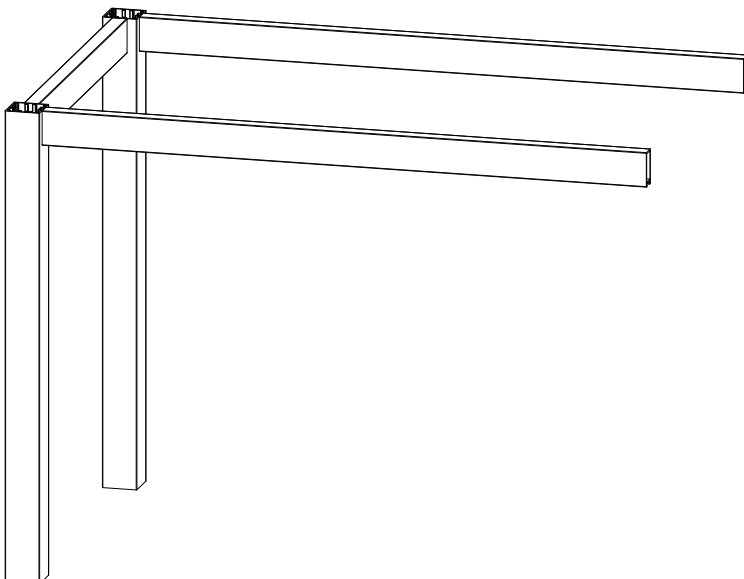
Determine if you are connecting the crossbars to the post part of the N Leg or to the crossbar already in place on the N Leg.
(N Leg with 2x2 Posts used for example)



Crossbars - Step 2 (placement)

Place and mark the center of the crossbars on the first leg.

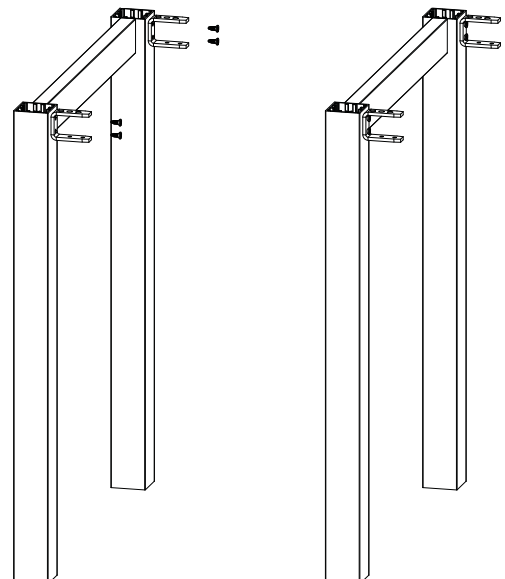
(N Leg with 2x2 Posts used for example)



Crossbars - Step 3 (C Brackets)

Using the placement marks, locate and secure the C Brackets to the N Leg

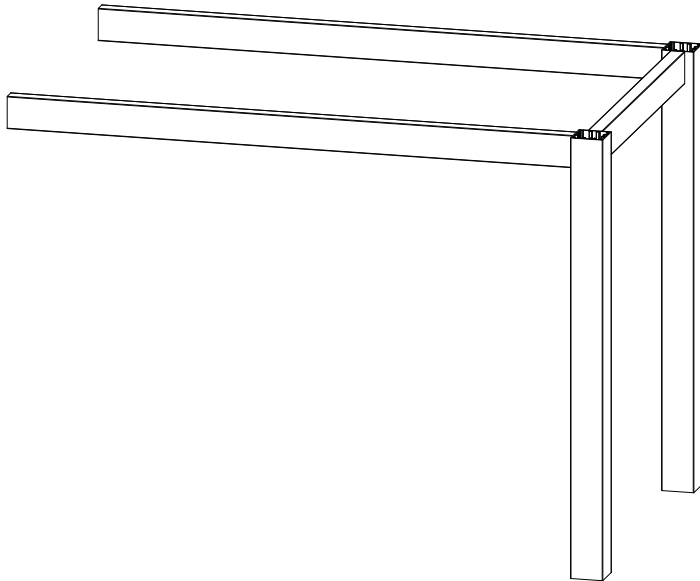
(N Leg with 2x2 Posts used for example).



Crossbars - Step 4 (opposite connection)

Determine the connection points on the other side of the crossbars, leaving the first leg with the C brackets aside for later use. Mark these locations (same as step 2).

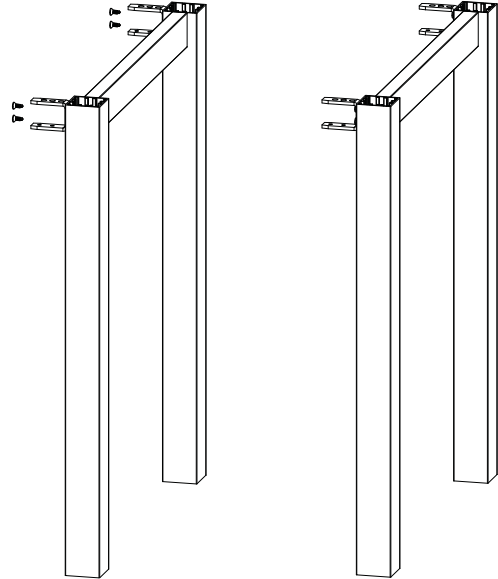
(N Leg with 2x2 Posts used for example).



Crossbars - Step 5 (C Brackets)

Using the placement marks, locate and secure the C Brackets to the N Leg.

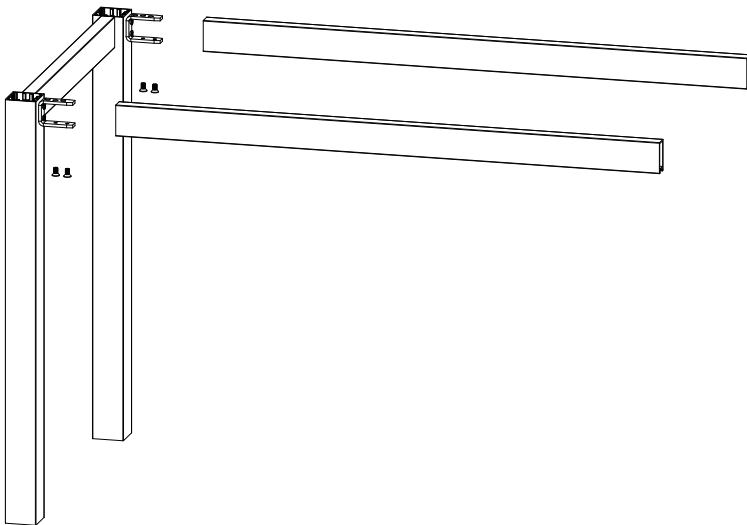
(N Leg with 2x2 Posts used for example).



Crossbars - Step 6 (the first leg)

Going back to the first leg, align the crossbars with the C Brackets installed on the N Leg.

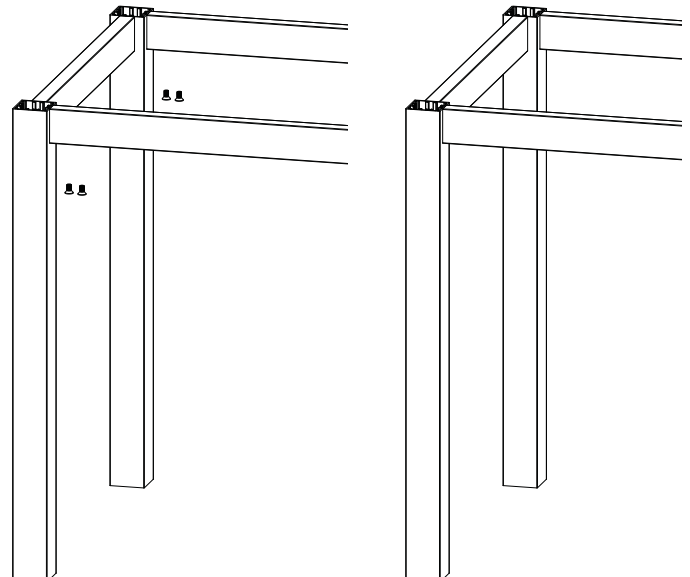
(N Leg with 2x2 Posts used for example)



Crossbars - Step 7 (secure the crossbars)

Secure the crossbars to the first leg.

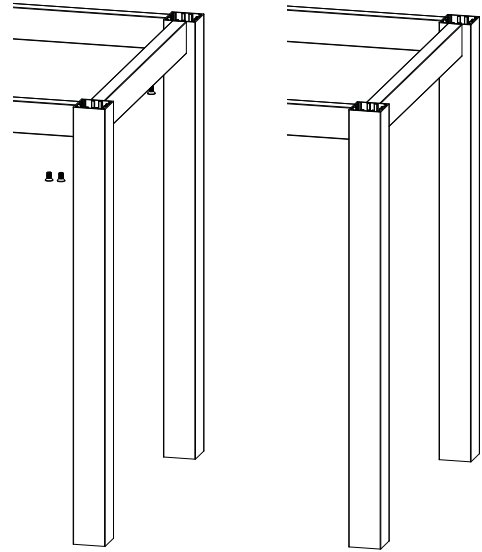
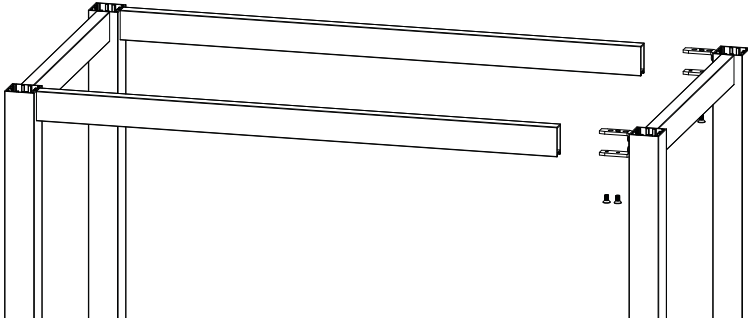
(N Leg with 2x2 Posts used for example)



Crossbars - Step 8 (secure the crossbars)

Repeat steps 7 and 8 for the leg on the other side of the crossbars.

(N Leg with 2x2 Posts used for example)



Crossbars - Step 9 (Top Plates)

Install top plates as needed.

(N Leg with 2x2 Posts used for example)

Note: Repeat as needed for shared applications and configurations. Top plate placement is best left for last to make sure all left, right and shared applications are properly installed.

