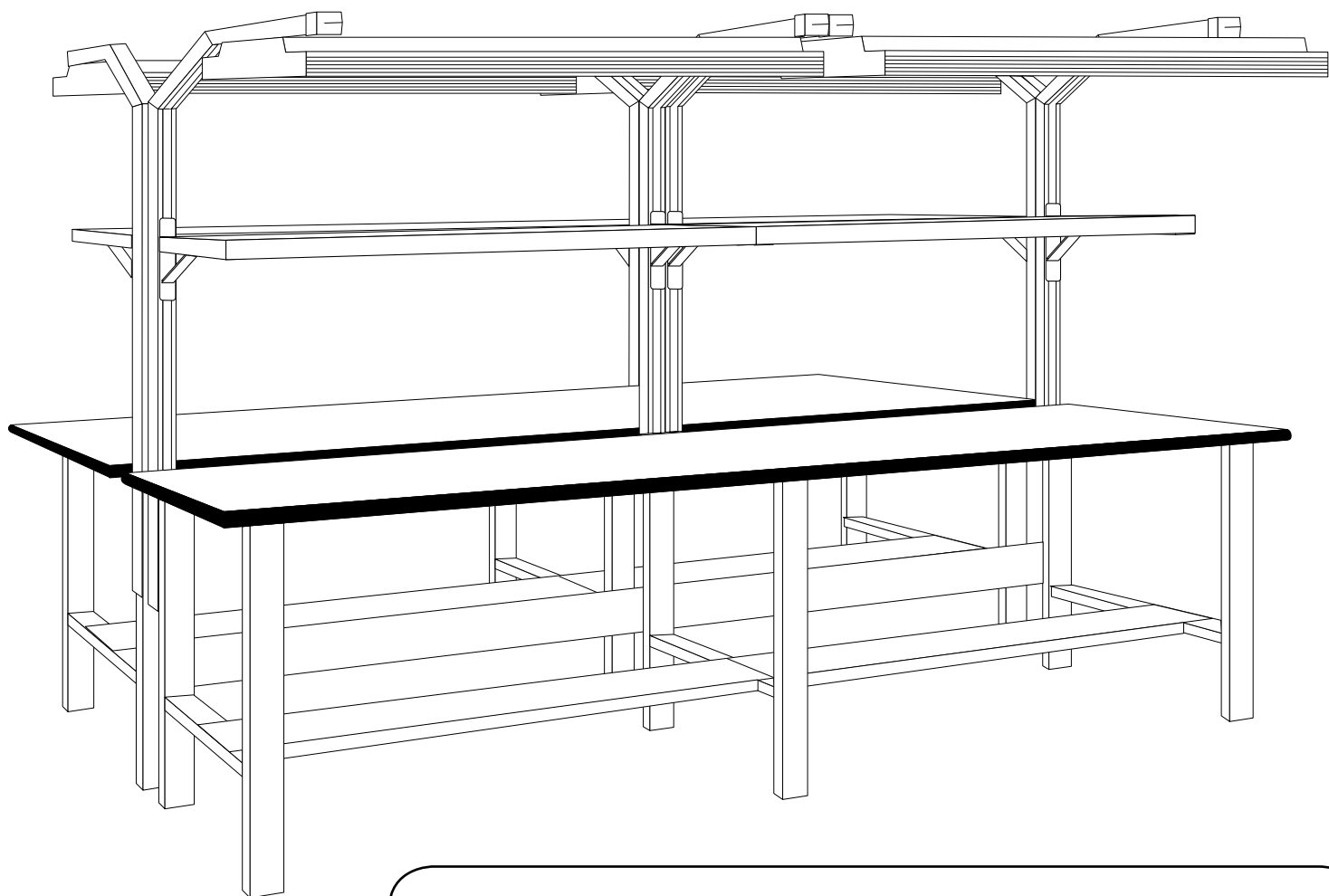


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Stackbin[®]
Corporation

OVERHEAD STRUCTURE ASSEMBLY



BEFORE YOU BEGIN ASSEMBLY:

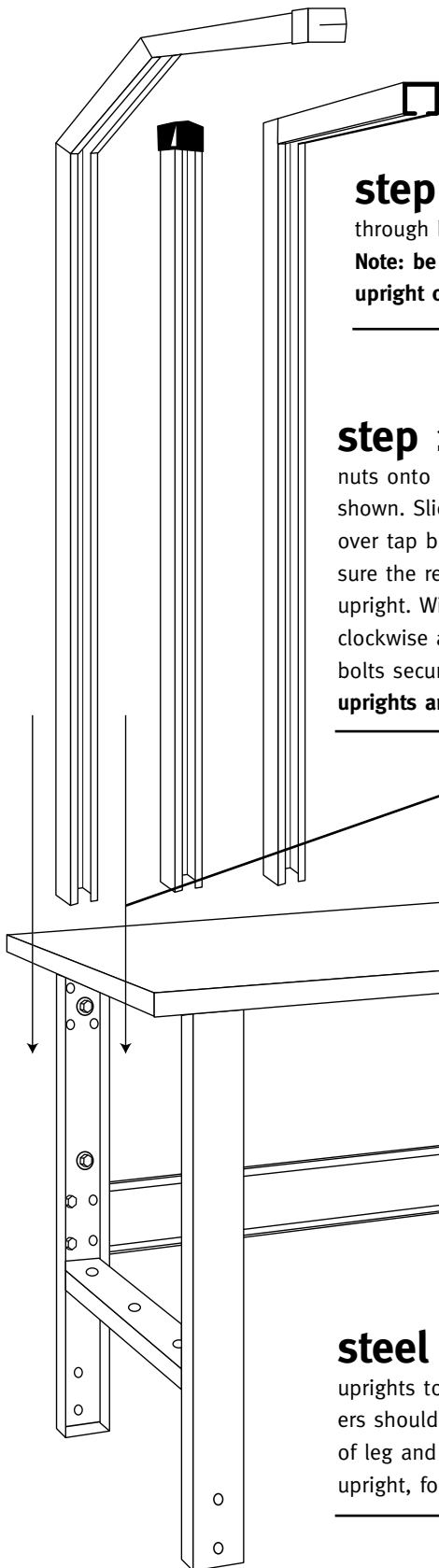
Before you begin attaching an overhead structure, you should have completed the assembly of the basic bench structure including; top legs and stringers. Two people may be required for the assembly overhead structure accessories such as shelving and lighting.

Weight capacity: Overhead structures with shelves are rated to hold a load capacity of 200 pounds for the complete structure.

Tools: The basic tools required for this assembly include a 9/16" ratchet and 9/16" open end or box end wrench. A drill will be required for mounting a split overhead structure.

OVERHEAD STRUCTURE ASSEMBLY

ATTACHING UPRIGHTS TO LEG STRUCTURES



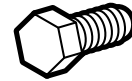
step 1: Insert tap bolts with washers through holes in rear upright as shown below.

Note: be sure to use the center holes on rear upright of bench leg.

step 2: Loosely thread square nuts onto tap bolts with washers as shown. Slide overhead upright down over tap bolts to top of stringer. Be sure the rectangular nuts are inside the upright. With rectangular nuts turned clockwise as far as possible, tighten tap bolts securely. **Note:** make sure that the uprights are level before tightening.

steel tops: When attaching uprights to Steel Top, provided spacers should be placed in between back of leg and upright. (Two spacers per upright, four spacers per bench)

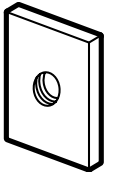
HARDWARE REQUIRED:



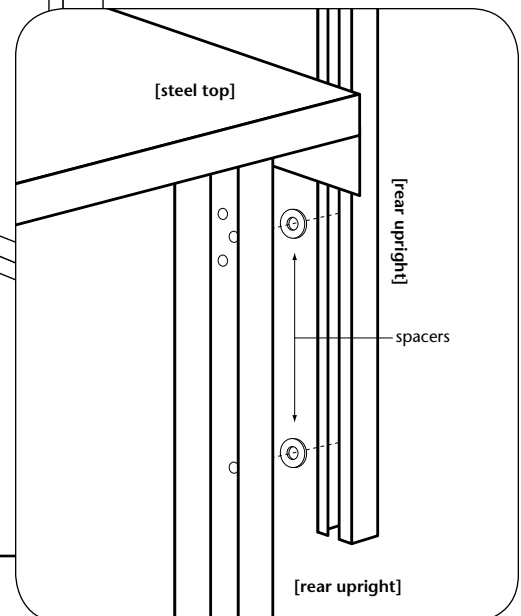
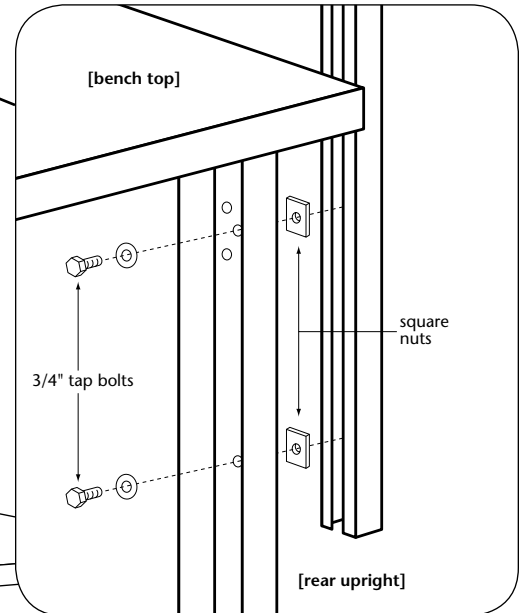
4 tap bolts 3/4" long

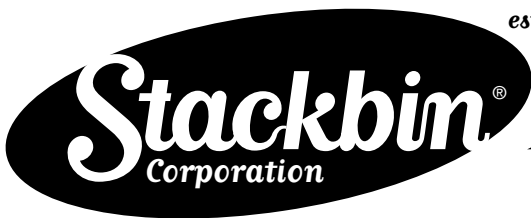


4 washers



4 square nuts

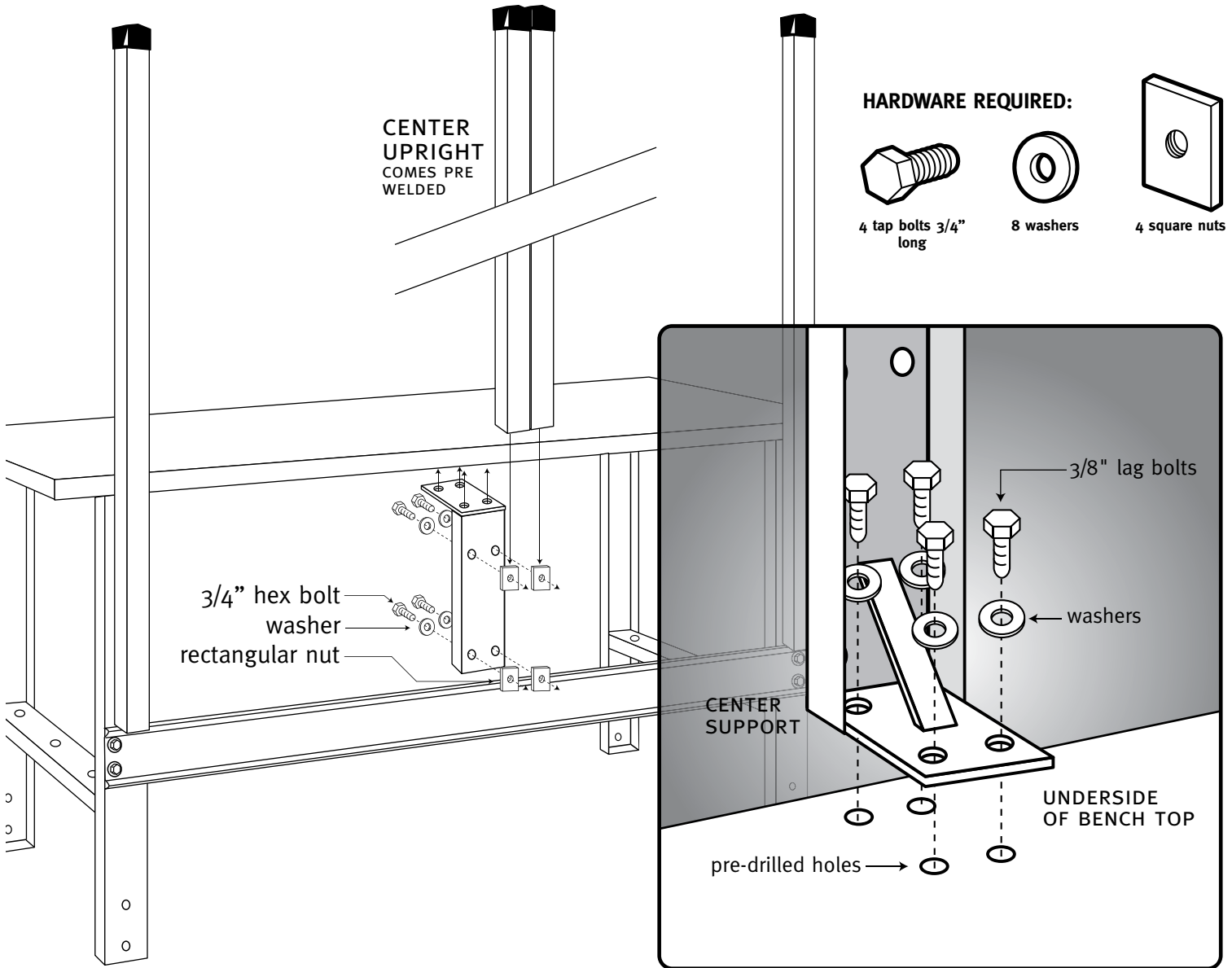




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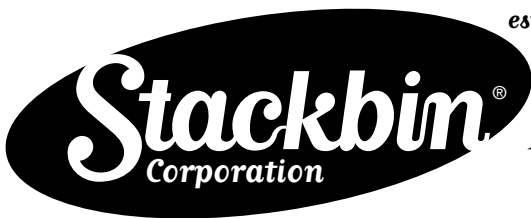
OVERHEAD STRUCTURE ASSEMBLY

CENTER UPRIGHT SUPPORT TO WOOD TOP



ASSEMBLING CENTER MOUNT OVERHEAD UPRIGHT BRACKET.

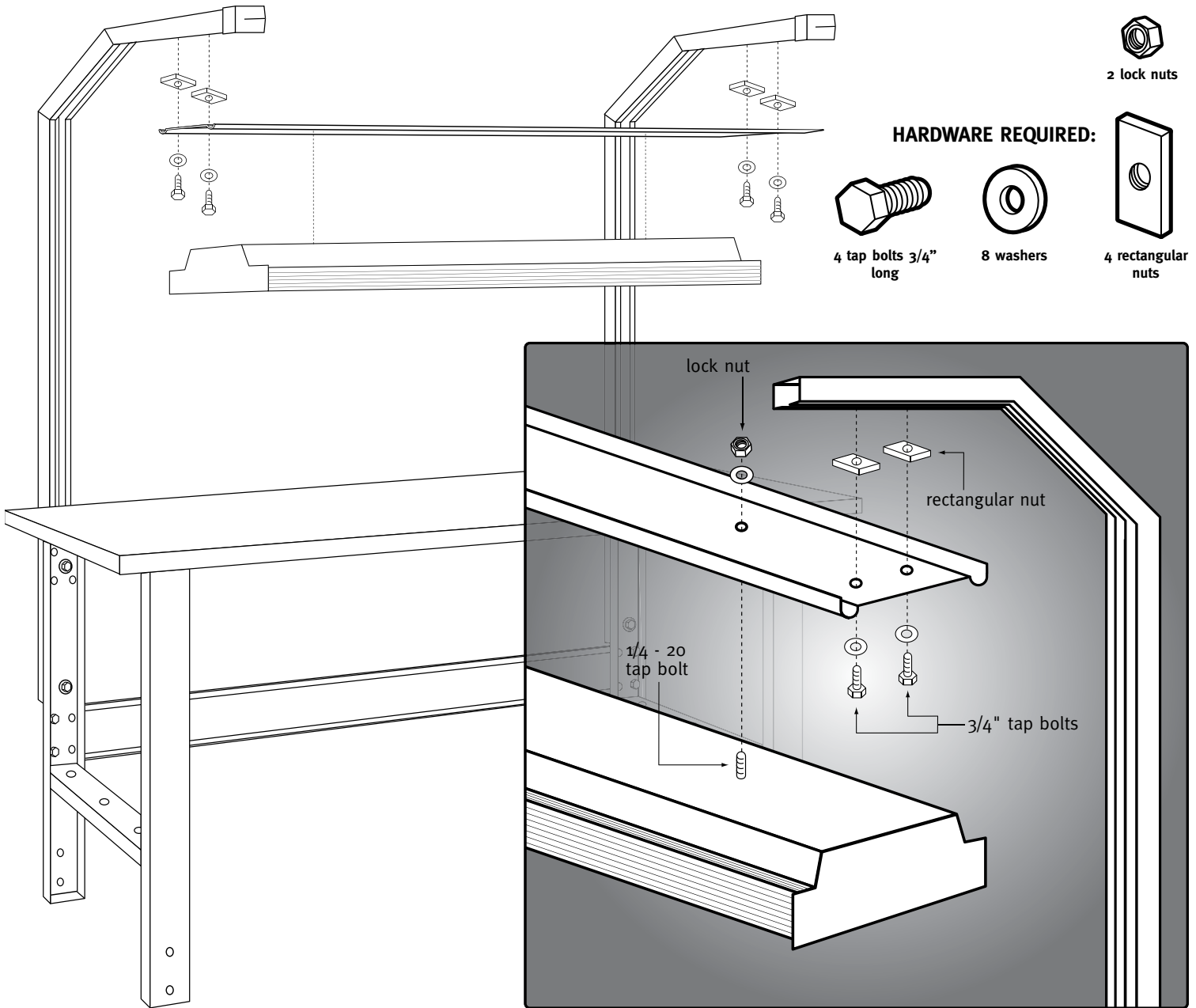
With the bench top down on the floor, find the exact center of the bench top and center the bracket as shown. Make sure the bracket is flush with the back of the bench top, then mark four holes to be drilled. Using a 9/32" drill bit, drill the pilot holes about 3/4" deep being very careful not to drill through the wood top. Place the bracket back on the top making sure that it is flush with the back of the bench top and secure using 4-3/8" tap bolts and 4 washers.



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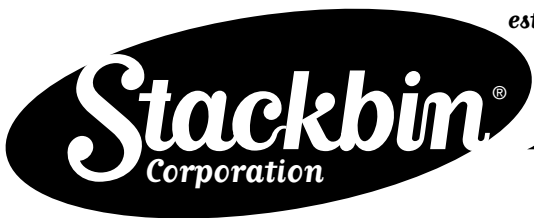
OVERHEAD STRUCTURE ASSEMBLY

INSTALLING LIGHT SUPPORT TO ANGLED OCS



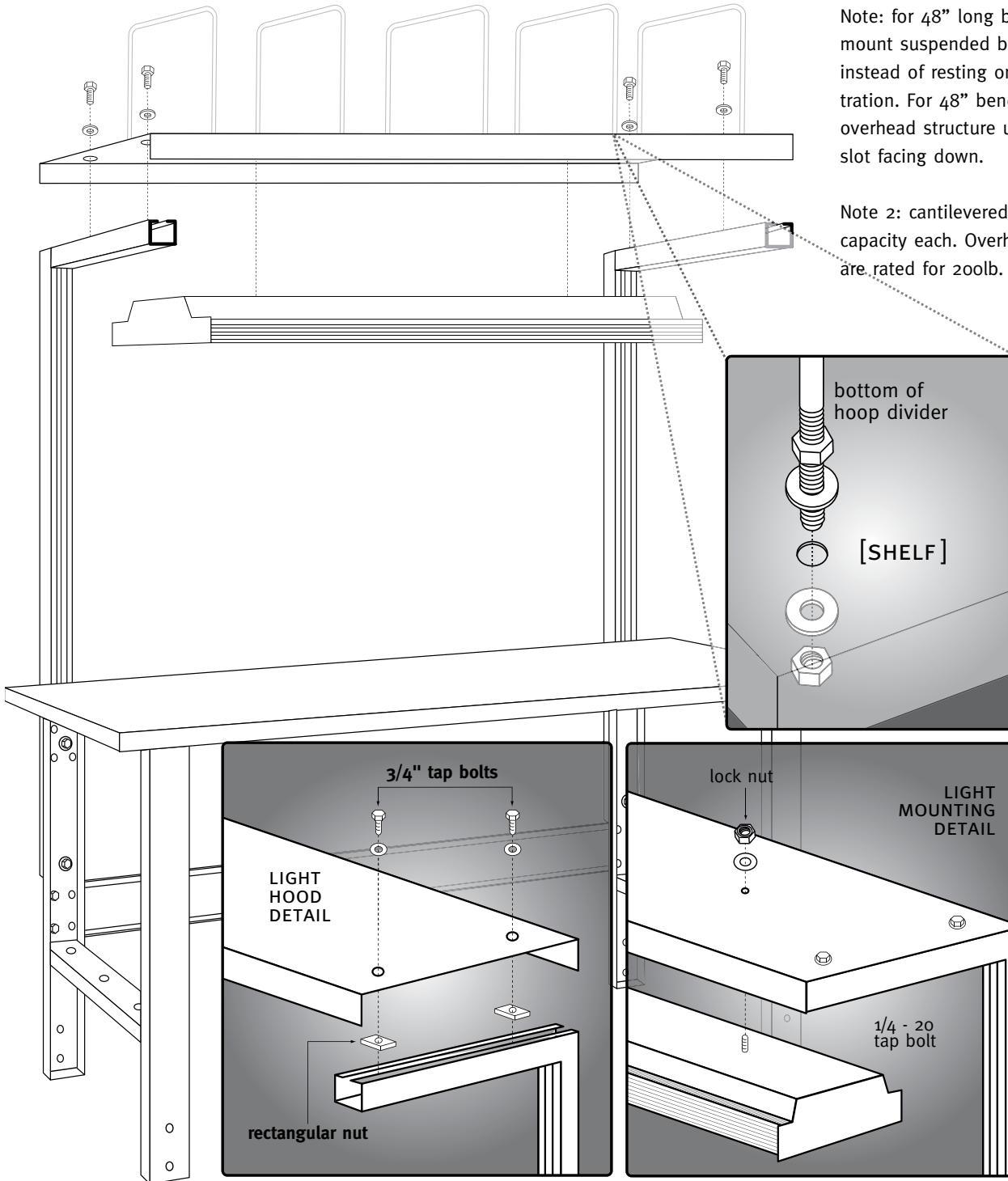
MOUNTING LIGHT SUPPORT TO ANGLED OVERHEAD STRUCTURE.

Hardware required: 4 rectangular nuts, 4 - 3/8" tap bolts, and 4 washers. Light supports look very similar to stringers, but have two holes 1/4" diameter to accept light fixtures. Loosely assemble hardware to support. Slide rectangular nuts into the channel on the overhead uprights. Tighten bolts securely being sure that rectangular nuts are turned counter clockwise as far as possible.



OVERHEAD STRUCTURE ASSEMBLY

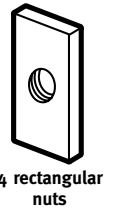
MOUNTING LIGHT HOOD TO 90° OVERHEAD



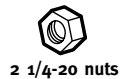
Note: for 48" long benches, light hood will mount suspended below overhead structure instead of resting on top as shown in the illustration. For 48" benches the top cross strut of overhead structure upright is supplied with the slot facing down.

Note 2: cantilevered shelves are rated for 75lb. capacity each. Overhead structures with shelves are rated for 200lb. total.

HOOD HARDWARE REQUIRED:



LIGHT HARDWARE:

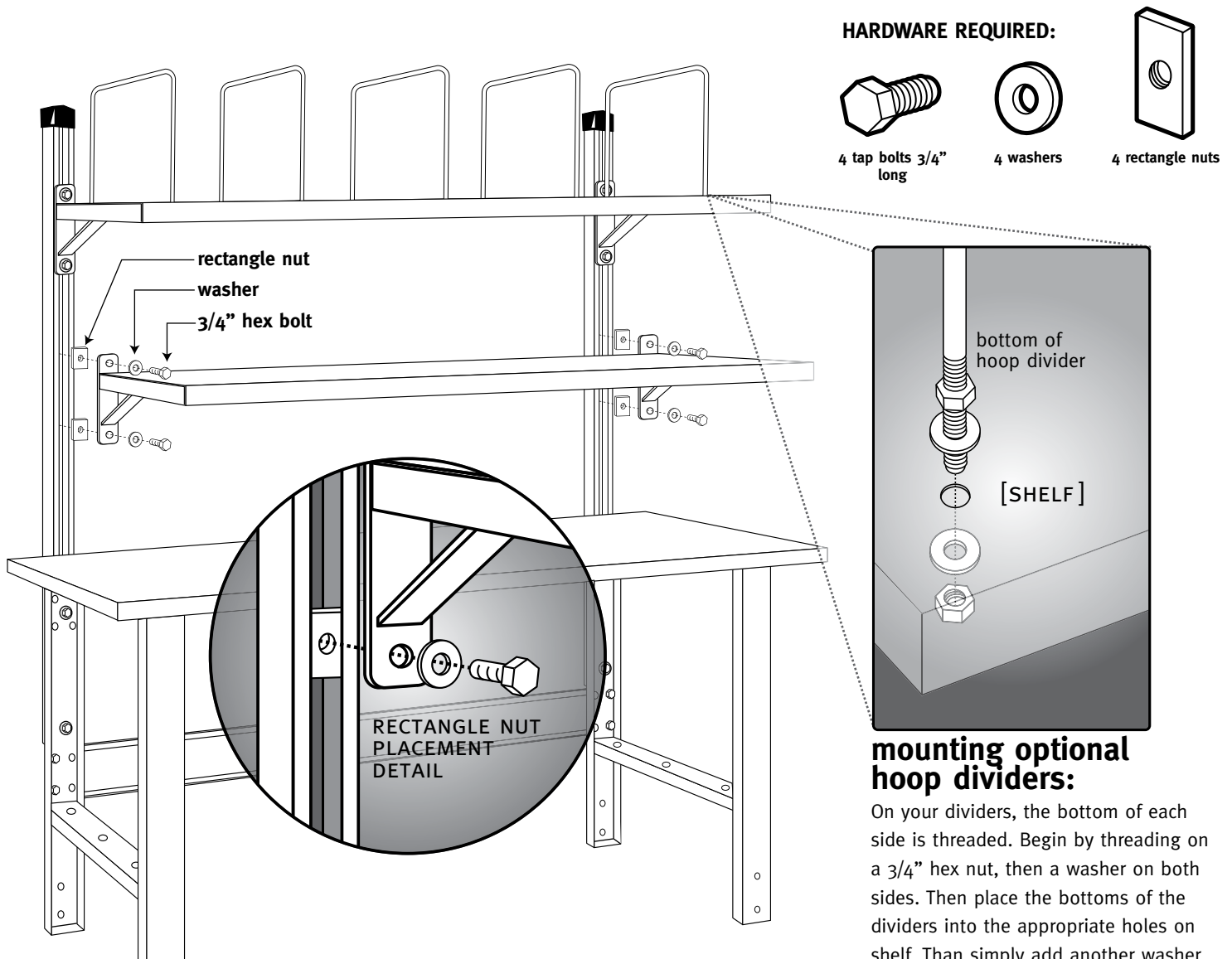


MOUNTING LIGHT HOOD TO OVERHEAD STRUCTURE.

Hardware required: 4 tap bolts 3/4" long, 4 rectangular nuts, 4 washers. This assembly should only be done after overhead structure uprights have been attached to bench. Insert tap bolts with washers through holes in light hood as shown below. Loosely thread nuts onto tap bolts, stopping with nuts positioned lengthwise front to back. Tip the bolts sideways until nuts slip through slot of overhead structure. Be sure nuts are turned clockwise as far as possible, then tighten bolts securely.

OVERHEAD STRUCTURE ASSEMBLY

MOUNTING CARTON SHELVES TO OVERHEAD



On your dividers, the bottom of each side is threaded. Begin by threading on a 3/4" hex nut, then a washer on both sides. Then place the bottoms of the dividers into the appropriate holes on shelf. Then simply add another washer and nut at bottom and tighten.

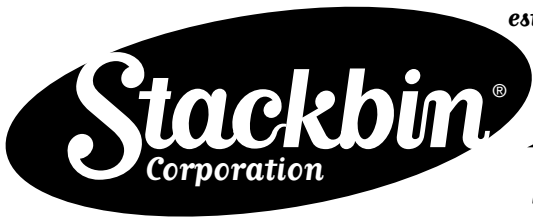
ATTACHING SHELVES

step 1: Assembly of Carton Shelf should be done once the overhead uprights are in place and fastened to bench legs. Begin by assembling hardware supplied for the shelf (shown above) which consists of four 3/4" hex bolts, four washers and four rectangle nuts per shelf.

step 2: Place hex bolt and washer through mounting hole in shelf support and loosely thread bolt to rectangle nut. If you have uprights that are straight, simply slide the the rectangle nuts into the channel at the top, position, then tighten. If you have an angled upright or 90 degree upright you will have to keep the square nut as loose as possible and angle it into the upright channel. This can be a bit tricky sometimes.

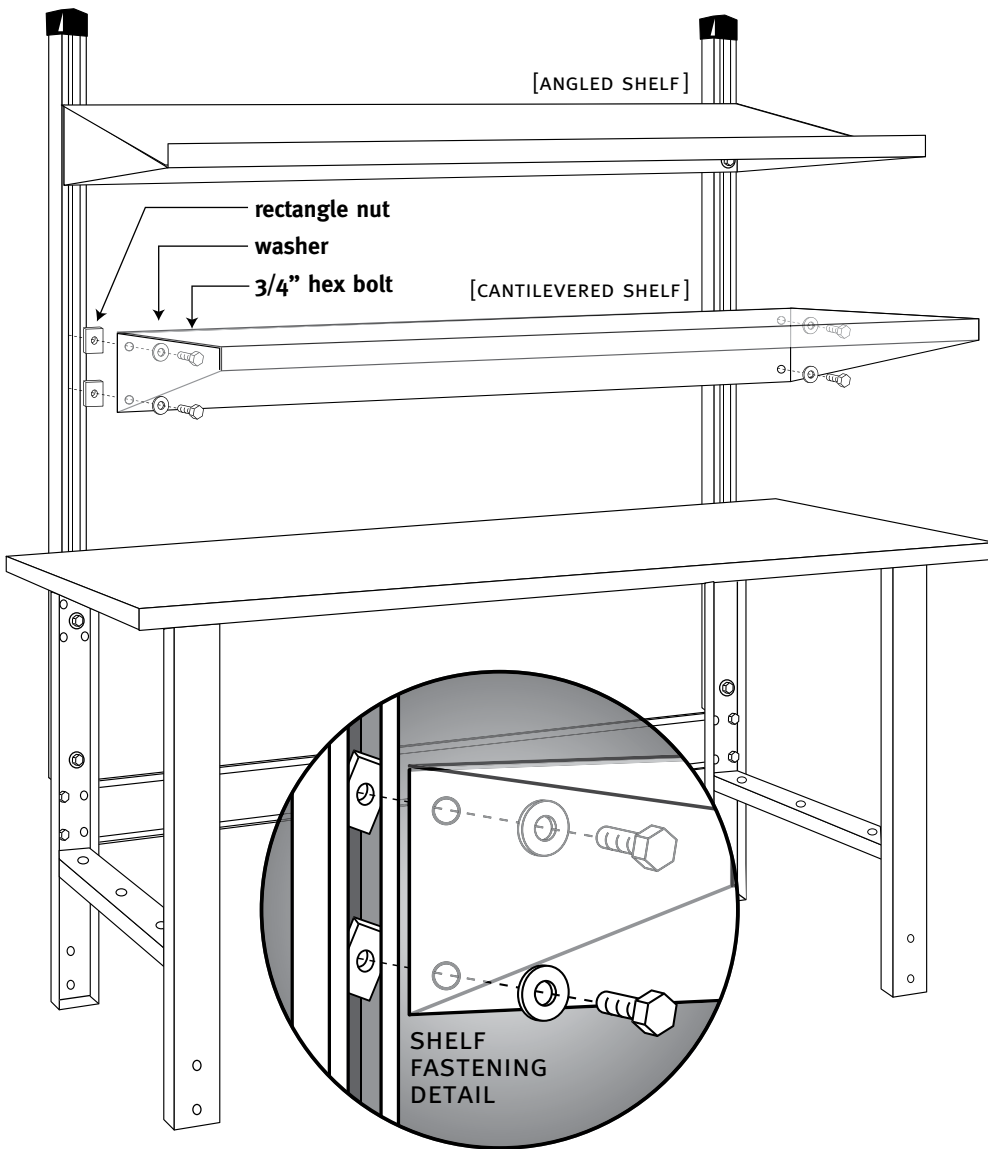
step 3: Slide shelf down to desired position being sure that the shelf is level and tightly fasten the shelf to the overhead uprights. Shelves can be adjusted by simply loosening the hex bolts and moving the shelf to desired height.

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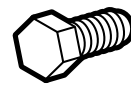


OVERHEAD STRUCTURE ASSEMBLY

MOUNTING CANTILEVERED AND ANGLED SHELVES



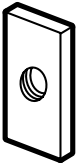
HARDWARE REQUIRED:



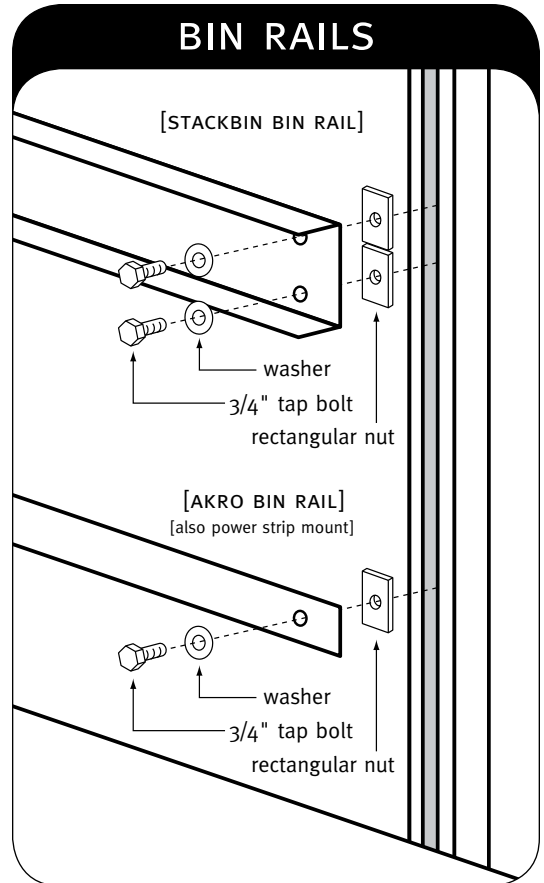
4 tap bolts 3/4" long



4 washers



4 rectangular nuts



MOUNTING SHELVES AND BIN RAILS TO OVERHEAD

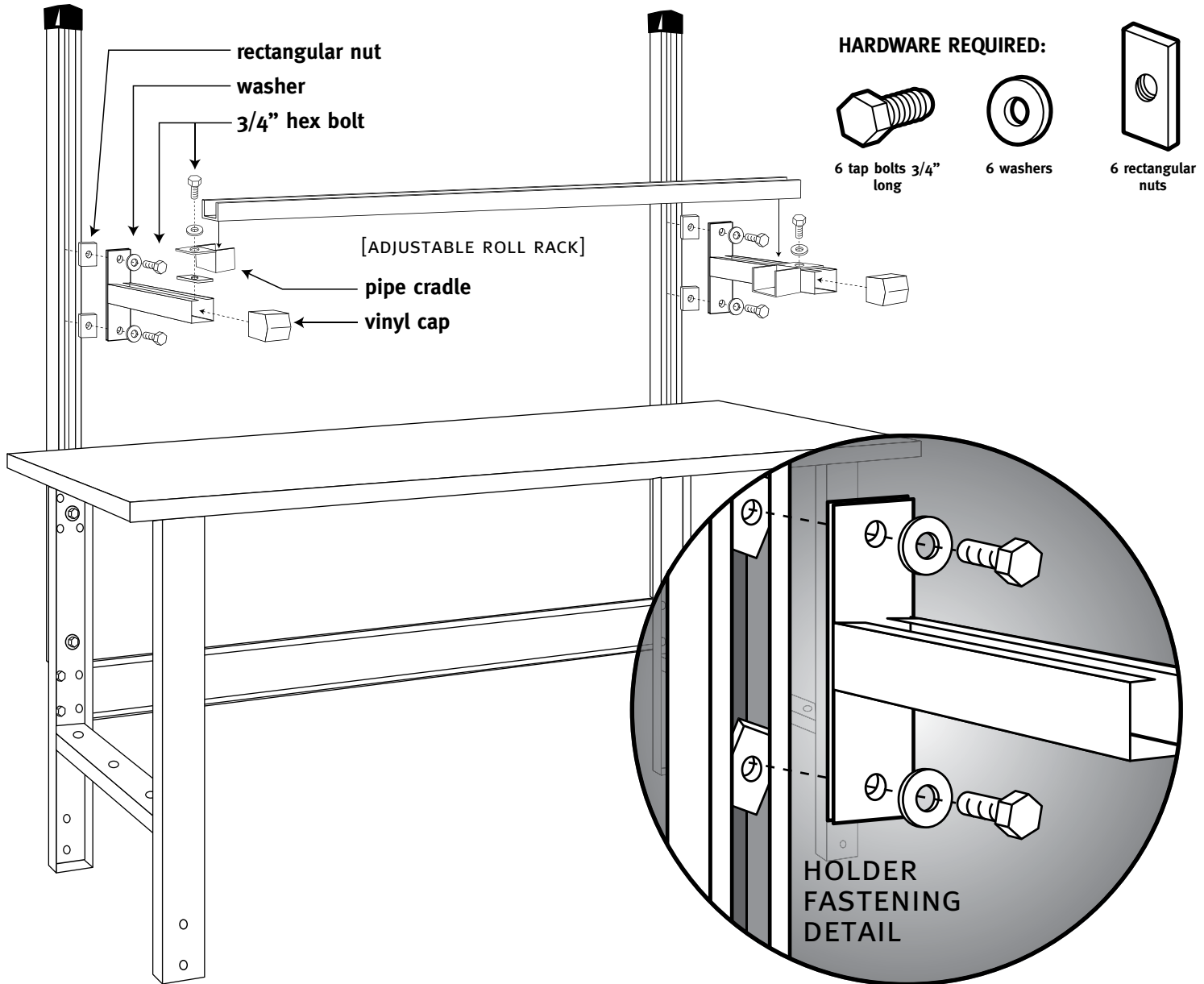
Please Note: This assembly may require two people. Cantilevered and angled shelves are rated for 75lbs of weight capacity.

Hardware required for Akro bin rails: 2 tap bolts 3/4" long, 2 washers, 2 rectangular nuts. Hardware required for cantilevered shelves or Stackbin bin rails: 4 tap bolts 3/4" long, 4 washers, 4 rectangular nuts.

Insert tap bolts with washers through holes at ends of part to be mounted. Loosely thread rectangular nuts onto tap bolts, stopping with nuts in a vertical position. With one person on each end, tip the tap bolts until nuts slip through slot in overhead upright. Be sure nuts are turned clockwise as far as possible, then tighten tap bolts securely (shown in detail illustration above). This method of installation works for most of Stackbins' Overhead Structure accessories.

OVERHEAD STRUCTURE ASSEMBLY

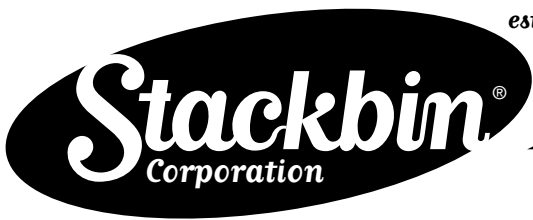
MOUNTING ADJUSTABLE SPOOL HOLDER



MOUNTING SPOOL HOLDER TO OVERHEAD STRUCTURE.

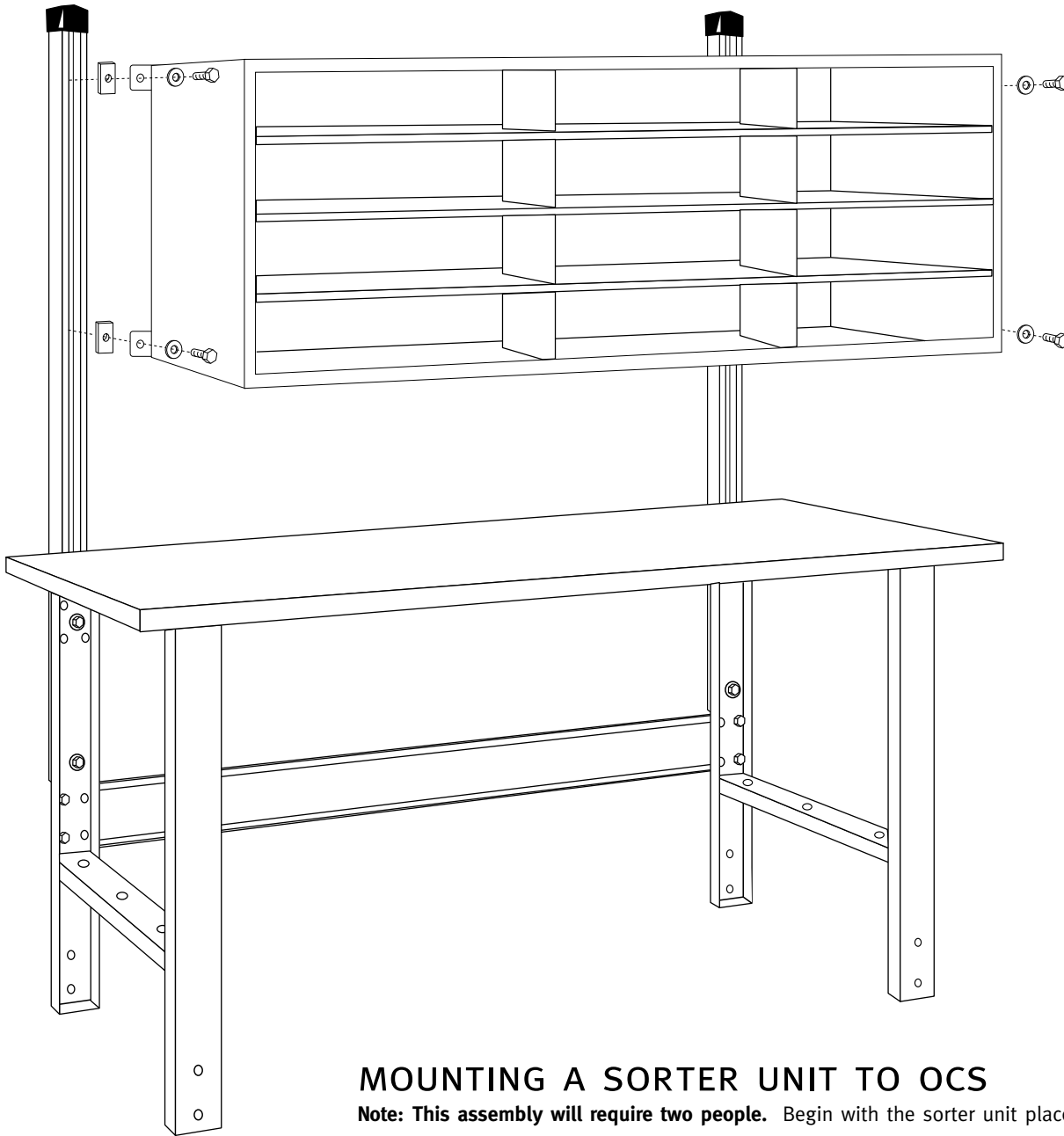
Using hardware shown above, mount support arm to upright by loosely threading rectangular nuts onto hex bolt and sliding the support arm into the channel of the upright. Be sure the rectangular nuts inside upright are turned clockwise as far as possible and tighten securely. Using large square nut and adjustment handle, mount pipe cradle to the support arm by loosely attaching all hardware and sliding square nut into opening at end of support arm and tighten. Place black vinyl cap over open end of support arm. By loosening and adjusting hardware, this set-up can be reset at desired location vertically and horizontally. After both sides are adjusted properly and at the same height, insert pipe into both cradles.

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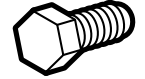


OVERHEAD STRUCTURE ASSEMBLY

MOUNTING SORTER UNIT TO UPRIGHTS



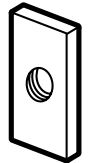
HARDWARE REQUIRED:



4 tap bolts 3/4"
long



4 washers

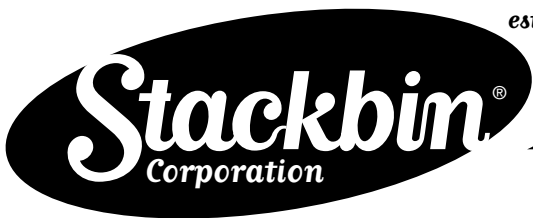


4 rectangular
nuts

MOUNTING A SORTER UNIT TO OCS

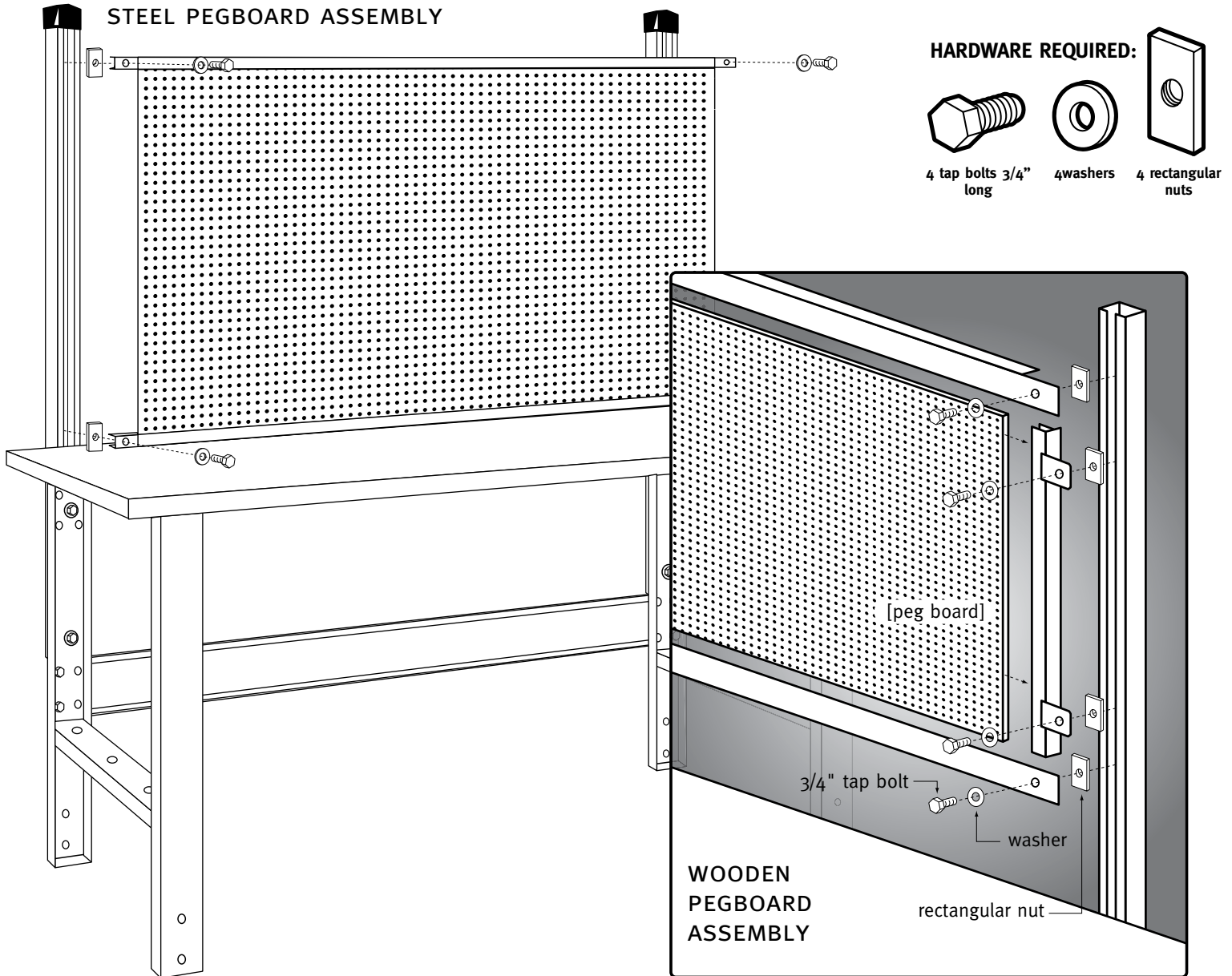
Note: This assembly will require two people. Begin with the sorter unit placed with the compartments facing forward. Place all 4 tap bolts with washer through mounting holes on sorter unit and loosely thread rectangular nuts to tap bolts. For straight overhead uprights, have two people lift the sorter unit above the top of the uprights and guide the rectangular nuts into the channel and slide the unit into desired position and tighten. If you have a 90 degree or angled uprights, you will have to tilt the rectangular nuts and bolt assembly, while keeping the nut parallel to the uprights, slide one side of the nut into the channel and the other side will follow... then tighten.

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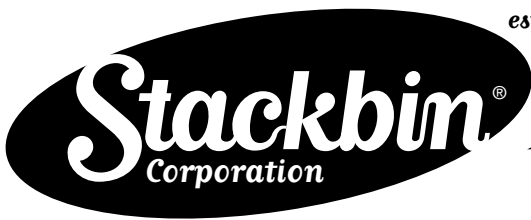
OVERHEAD STRUCTURE ASSEMBLY

MOUNTING PEGBOARD SYSTEM TO OVERHEAD



ASSEMBLY OF A PEGBOARD TO AN OVERHEAD STRUCTURE.

Begin with overhead structure already assembled and attached to the back of the bench. Attach the bottom rail of the pegboard system to the overhead structure flush against the top of the bench with the bend facing back. Do this by loosely threading 2 rectangular nuts to 2-3/8" hex bolts and washers. Slide the rectangular nuts into the channel of the overhead upright and tighten securely making sure that the rectangular nuts are turned clockwise as far as they can inside the upright. Next step is to attach the side channels for the pegboard to the uprights. The sides should be facing in and back as shown in the diagram to the left and attached in the same manner as the bottom rail using 2 rectangular nuts, 2-3/8" hex bolts and 2 washers. Take your pegboard with the white side facing forward and slide it into the side channels all the way to the bottom rail. The pegboard should slide behind the front bend of the bottom rail. The final step is to attach the top rail this is done in the same fashion as the bottom rail. Make sure all bolts are securely tightened.

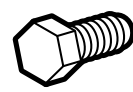


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OVERHEAD STRUCTURE ASSEMBLY

SIDE MOUNT SPOOL HOLDER ASSEMBLY

HARDWARE REQUIRED:



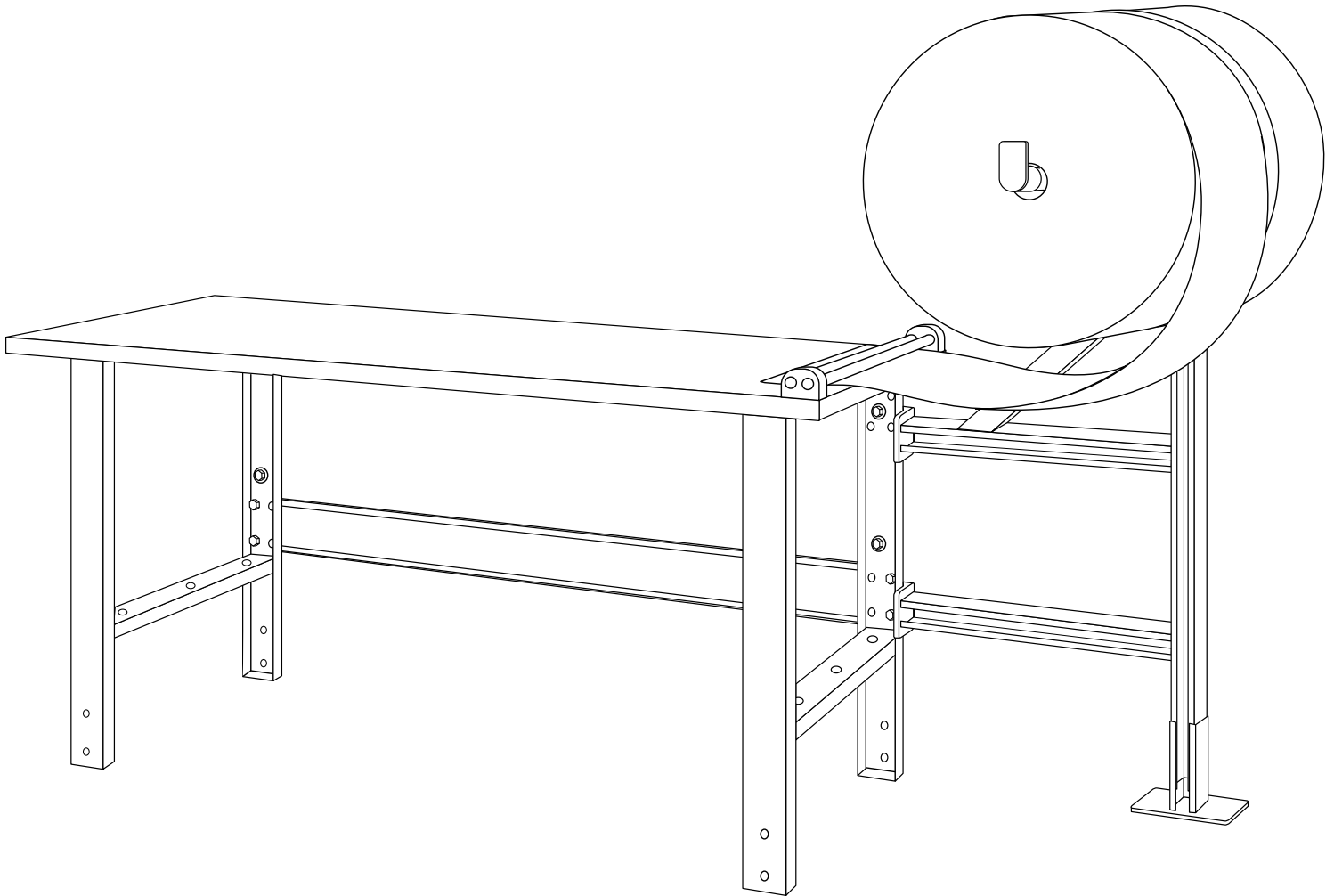
4 tap bolts 3/4"
long



4 washers



4 hex-nuts



ASSEMBLY OF A SIDE MOUNT SPOOL HOLDER TO 3500 SERIES LEG.

Need to talk to you about this assembly.