

# RIVETRITE® SHELVING UNIT ASSEMBLY INSTRUCTIONS

DOUBLE RIVET BEAMS **MUST** BE USED AT TOP AND BOTTOM OF EACH UNIT (includes Double and Single Rivet Units)

**①** Insert Double Rivet Beam (side beam) rivets into the slots widest sections of Angle Post holes at the bottom of two Angle Posts. Use a rubber mallet to seat rivets down into narrowest section of slots.

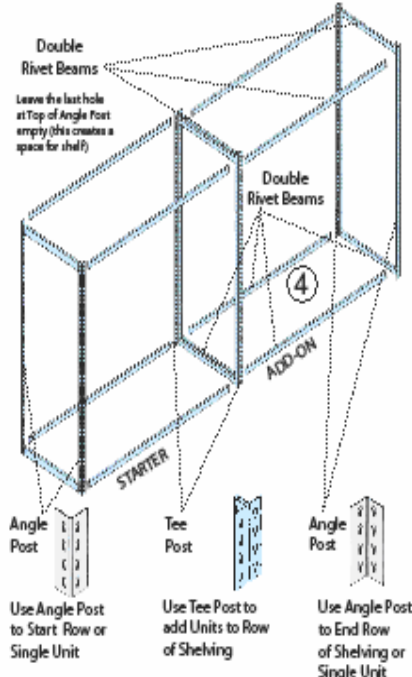
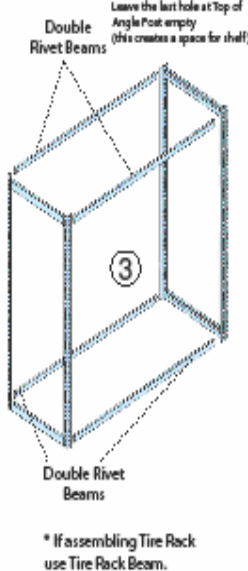
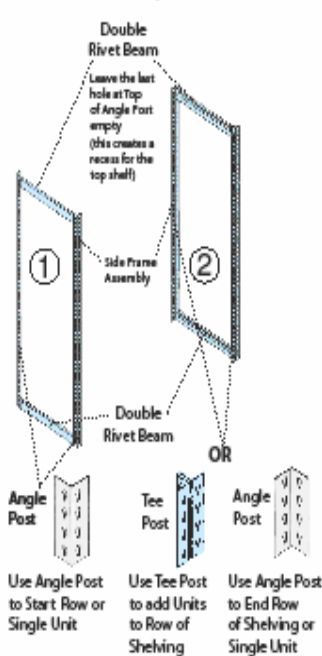
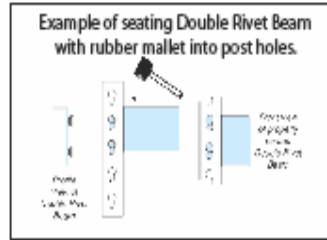
Repeat procedure for top beam except leave the last hole in Angle Post empty (this creates a recess for the top shelf) creating a "Side Frame Assembly".

**②** Create a second "Side Frame Assembly"  
If an ADD-ON is used (to extend the row of RivetRite Shelving), use a Tee Post to join front and back beams (repeat Step 1).

**OR**  
If at the end of the Unit or Row, use an Angle Post to create a "Side Frame Assembly" (repeat Step 1).

**③** Once both side frame assemblies are made, take one side frame assembly and insert one left to right \* Double Rivet Beam into the bottom of front post and one left to right beam into the bottom of the rear post. Repeat procedure for top beams except leave the last hole in Angle Post empty (to create a space for shelf) This will make the frame stand up by itself.

**④** If needed, add units to row using Tee Post "Side Frame Assembly" by repeating steps 1, 2 and 3. To end row of units, use Angle Post "Side Frame Assembly". Now insert additional Beams, supports and decking (shelves) required to complete unit.  
**More detail on other side of sheet.**



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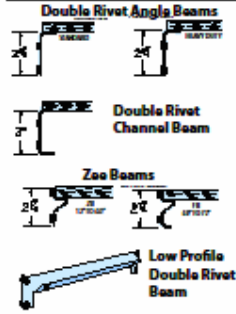
<p><b>Single Rivet Units consist of:</b></p> <p><b>Starter Units</b> 4 Standard Angle Posts 4 Double Rivet Angle Beams left to right (2 top, 2 bottom) 4 Double Rivet Angle Beams front to back (2 top, 2 bottom) The appropriate number of Single Rivet Shelf Beams left to right 2 Single Rivet Shelf Beams front to back up to 24" deep; 36" Deep - Single Rivet Shelf Beams front to back at every shelf level</p>	<p><b>Add-On Units</b> 2 Standard Tee Posts 4 Double Rivet Angle Beams left to right (2 top, 2 bottom) 2 Double Rivet Angle Beams front to back, except 36" deep unit has 4. The appropriate number of Single Rivet Shelf Beams left to right 1 Single Rivet Shelf Beam front to back except for 36" deep which has 2 per shelf level. Order Deck Material Separately</p>
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<p><b>Double Rivet Units without Center Supports consist of:</b></p> <p><b>Starter Units</b> 4 Standard Angle Posts (Up to and including 144" high) 2 Double Rivet Angle Beams left to right per shelf level 2 Double Rivet Angle Beams front to back per shelf level</p>	<p><b>Add-On Units</b> 2 Standard Tee Posts (Up to and including 144" high) 2 Double Rivet Angle Beams left to right per shelf level 2 Double Rivet Angle Beams front to back per shelf level Order Deck Material Separately</p>
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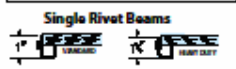
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**DOUBLE RIVET BEAM TYPES**



**Tire Rack Beam**  
 Sizes 48", 60" 2-3/4" High - For left to right shelf support of tires. 30 degree angle on supporting edge.

**SINGLE RIVET BEAM TYPES**



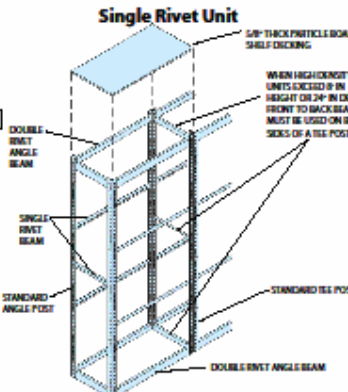
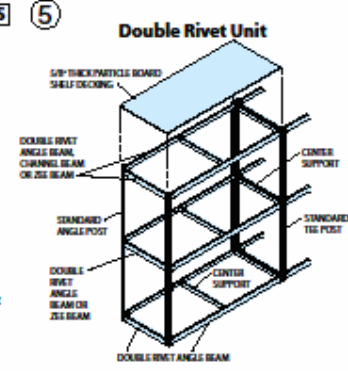
**Accessory Parts**

**Center Support** with hardware  
 2-3/4" high - Bolts to double rivet or channel beams adds support to decking and stabilizes beams. Supplied with bolts and wing nuts for fast assembly.

**Decking Support for Zee Beam**  
 1-1/8" - 11 Gauge. Provides front to back support of decking when used with Zee Step Beams.

**Double Row and Top Ties**  
 Sizes 9-1/4", 15-1/4", 18-1/4", 36-1/4"  
 Used to space back-to-back units and to top-tie rows across aisles for added stability.

**Deck-Over Grating Supports**  
 Sizes 36", 48", 60", 69", 72"  
 3-1/2" high - Provides secure support for grating when decking over entire installation.



**Wall Tie**  
 Size 9-1/4"  
 Used to secure units to wall and provide space between wall and unit. (Hardware to attach to wall not included).

**Foot Plate**  
 - with hardware  
 For use in anchoring angle and tee posts to the floor. NOTE: foot plate cannot be used if there is a double rivet channel beam at the lowest point. (Hardware to anchor to the floor not included).

**Hanger Bar**  
 1-1/4" x 1-1/4"  
 Sizes 36", 42", 48", 60"  
 For hanging items between double rivet beams. One or more may be used per level.

**Beam Cleat**  
 Sizes Left, Right  
 An economical way to add on units. Not recommended for heavy loads.

**Down Aisle Grating Supports**  
 Sizes 36", 48", 60", 69", 72"  
 3-1/2" - Attaches to unit front between rows to provide support for grating on two level shelving installations.

**Tire Storage Racks**

Single-Row, (12" deep units with 9" Wall Ties) and Double-Row, (two 12" deep units separated by 18" Double Row Spacers). Unit depth includes wall ties/row spacers. 192" high units are supplied with Heavy Duty Posts.



**Record Storage Units**

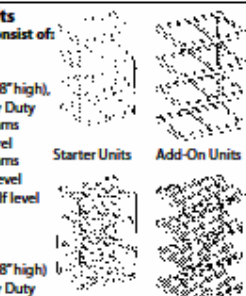
For Use With Decking Consist of:

**Starter Units**

- 4 Standard Angle Posts (Up to and including 108" high), 168" and 192" are Heavy Duty
- 2 Double Rivet Angle Beams left to right per shelf level
- 2 Double Rivet Angle Beams front to back per shelf level
- 1 Center Support per shelf level for 69" w. x 30" d. only.

**Add-On Units**

- 2 Standard Tee Posts (Up to and including 108" high) 168" and 192" are Heavy Duty
- 2 Double Rivet Angle Beams left to right per shelf level
- 2 Double Rivet Angle Beams front to back per shelf level
- 1 Center Support per shelf level for 69" w. x 30" d. only.



**Record Storage Units For Use With Steel Box Supports** Consist of: Same as above with the addition of Steel Box Supports in the following quantities.  
 3 pair per 42" wide shelf level  
 5 pair per 69" wide shelf level

**Record Storage Box Support - with hardware**

Sizes 15", 30"  
 Used in place of particle board to support boxes and maintain neat organized storage. Supplied with nylon button fasteners.

**Post Splice - with hardware**  
 1-3/8" x 1-3/8"  
 Used to extend posts. Order one per angle post. Order two per tee post. Note: Installs on the outside of the post.

**Tie Plate**  
 Tie Plate is used to join Angle Post units side by side to insure proper row alignment.

**Cross Aisle Support**  
 Sizes 30-1/4", 36-1/4", 42-1/4", 48-1/4"  
 3-1/2"  
 To support decking across shelving or main aisle. Spacing between supports not to exceed 48". Includes Hardware to bolt to posts.

# WEC

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