



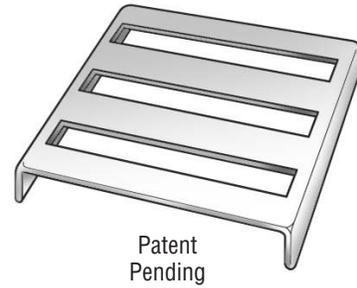
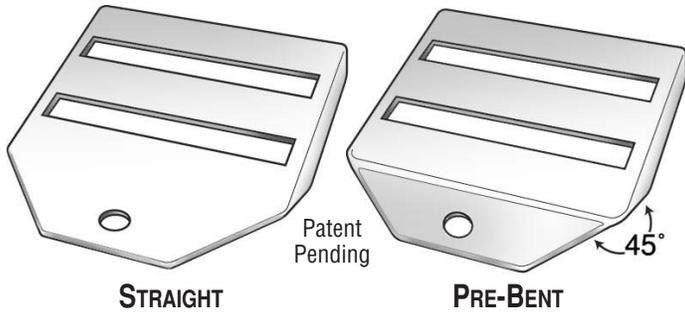
BUCKLES

TIPS & techniques

horserail.COM

DOUBLE COATED
Hot Dipped Galvanized & Powder Coated

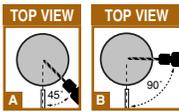
Colors Available: White, Black & Brown
Sizes Available: 4", 5" & 6"



END POST ATTACHMENT

1. On the end post - mark a center hole using the buckle as a guide. Drill a 3/8" pilot hole into the post...

- A) At a 45° angle when using the Pre-Bent Buckle
- B) Straight-in on the fence side of the post when using the Straight Buckle.



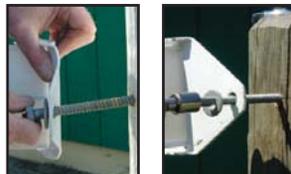
2. Install End Post Attaching Buckle (ribs away from end post). Use Bending Tool to accurately shape rail.
HANDY TIP: Using the Pre-Bent Buckle allows you to pull at a 45° angle decreasing the possibility of end post rotation after tensioning



3. Insert (now properly shaped) end of rail into remaining buckle slot and press flat against buckle. With sufficient force, flatten assembly by pulling up on end of buckle and down on rail.



4. Attach with approximate 1/2" x 5" hot dipped, galvanized lag screw and washer.
HANDY TIP: Do not tighten the lag screw the whole way. Leave the last inch or so for final tensioning of the fence.



JOINING

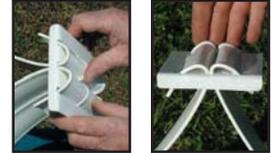
1. Insert the rail ends into and through the center buckle slot. Approximately 8".
HANDY TIP: Buckle ribs face down



2. Use the Bending Tool to accurately shape the rail, creating an "M" as shown in this inset photo.



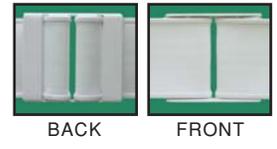
3. Insert "M" into outside slots of buckle and press flat against buckle.



4. Turn the fence assembly over and flatten by pushing down on both rails at the same time. Using sufficient force, flatten the rail/buckle assembly.



5. Finished, joined fence assembly back view and front view.
HANDY TIP: The assembly should be as flat as possible for tensioning purposes and the overall look of the fence

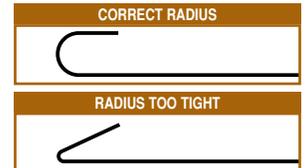


OPTIONAL APPLICATION – USING A BUCKLE AS A RAIL FORMING TOOL

1. Insert end of rail (maximum of 1") into the buckle using either the slot furthest from the hole for an end post attachment buckle or one of the outside slots on a joining buckle.
HANDY TIP: Use a speed square to assure proper alignment (buckle ribs up).
HANDY TIP: You can slide one buckle onto the rail and use a second to bend



2. Use the buckle as a tool to bend the end over as shown. Always bend towards the BACK of the rail. After removing the buckle you should have an approximate 2" bend. Repeat process on second rail end for joining.
CORRECT RADIUS
RADIUS TOO TIGHT
3. Follow appropriate Step 3 (above) for either end post attachment or joining application.



For more details on complete fence installation tips and techniques go to www.horserail.com

Safety First: Please Use Caution