

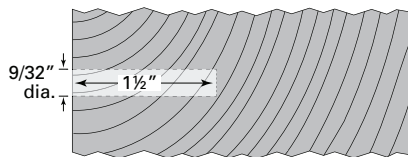
Series 4400 Installation Instructions

Hole size for 1/8" dia. cable installation:

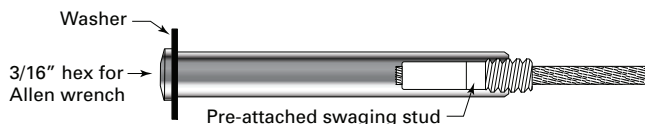
Drill 5/32" hole clear through intermediate posts.

Drill 29/64" hole clear through Receiver
tensioning end post.

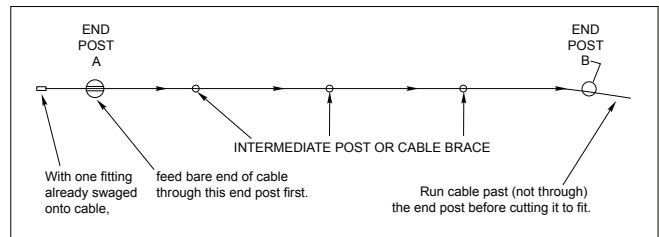
Drill 9/32" hole 1-1/2" into the inside of the
Push-Lock Lag end post.



1. Install the tensioning end first with the Receiver.
2. Slip the S/S flat washer over the body of the Receiver and insert the Receiver into the wood post. (Use Delrin Washer if used in metal post)
3. Start the threaded stud attached to the cable into the Receiver and turn 3 complete turns. This will thread about 1/2 of the stud into the Receiver.



4. Run the bare end of the cable through all your intermediate posts and to the end post where you will be installing the Push-Lock fitting.



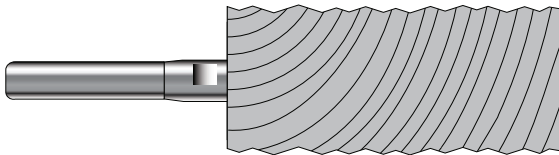
5. Use a hex wrench to install the lag section of the fitting into your pre-drilled pilot hole.



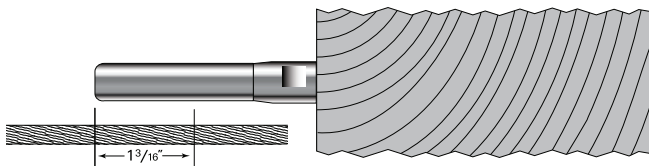
6. Thread the Push-Lock coupler onto the post and tighten with 7/16" wrench.



7. Make sure the post side of the Push-Lock lag is flush against the post.



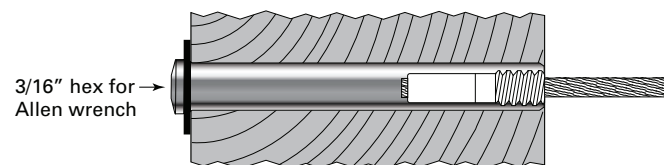
8. Pull the cable tightly along the side of the fitting and mark the cable 1-3/16" from the end of the fitting opposite the post. Mark and cut the cable on your mark.



9. Push the cable into the hole in the fitting as far as it will go (approximately 1-1/16"). Twist the cable in a right hand direction as you push it into the fitting.

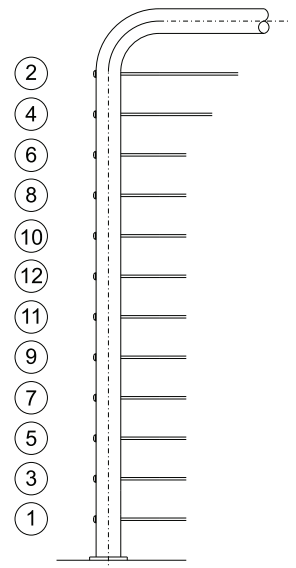


10. Go to the other end and tension the cable by holding the cable securely to prevent it from turning while you turn the Receiver with an Allen hex wrench. Be careful to protect the cable from damage while tensioning the Receiver



The Receiver will be pulled into place by the tensioning.

11. Tension in sequence, beginning with the outside cables and moving from side to side toward the center.

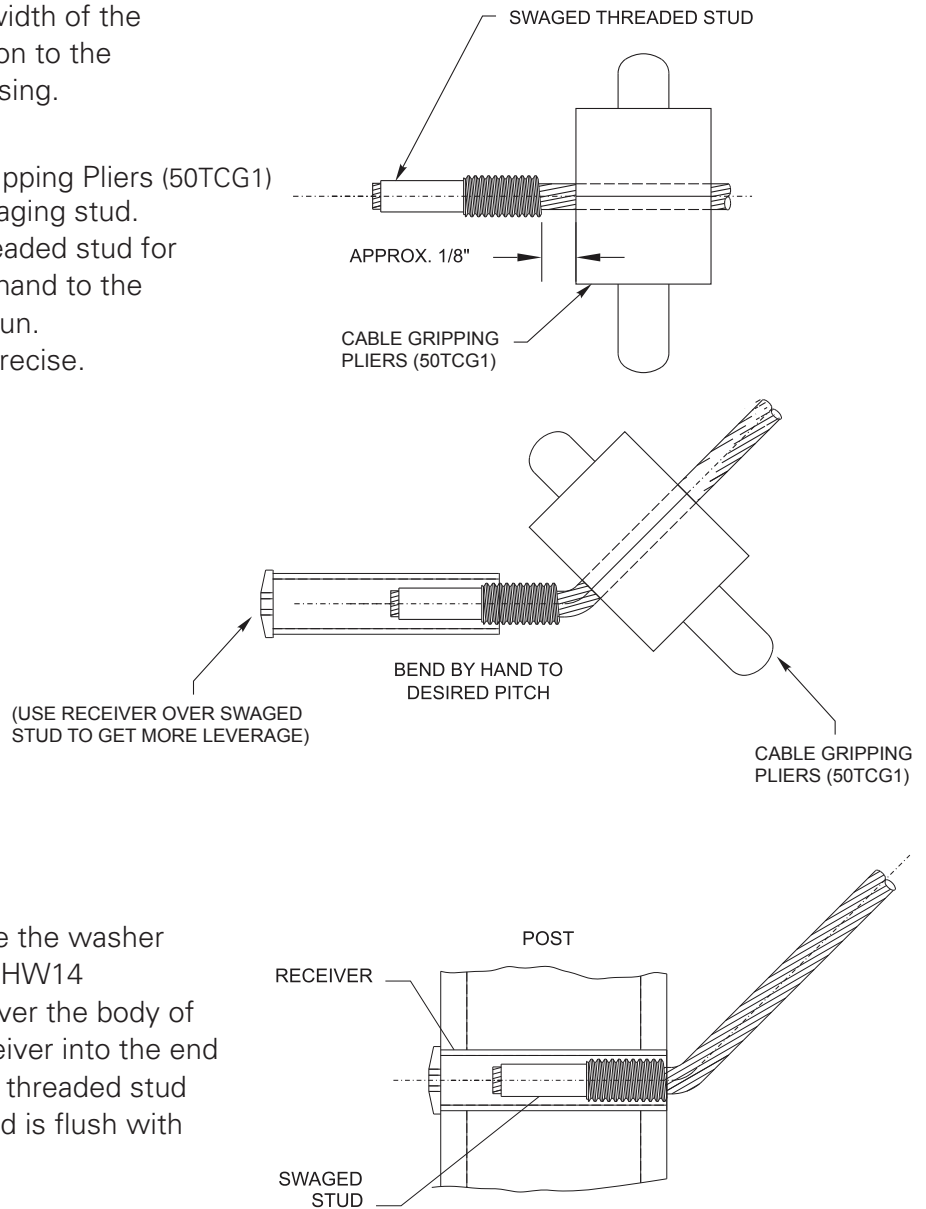


RECOMMENDED TENSIONING SEQUENCE

Using Invisiware® Receivers on stairways without having to drill the holes at an angle

To use this technique, the overall width of the end post must be close in dimension to the length of the receiver you will be using.

1. Grip the cable with the Cable Gripping Pliers (50TCG1) approximately 1/8" from the swaging stud. Screw the receiver onto the threaded stud for leverage and bend the cable by hand to the approximate angle of the cable run. This bend does not have to be precise.



2. Remove the threaded stud. Slide the washer (black plastic for metal posts, 11HW14 stainless steel for wood posts) over the body of the receiver, then install the receiver into the end post. Turn the receiver onto the threaded stud until the end of the threaded stud is flush with the end of the post.

3. Proceed with the instructions for stringing the cable and installing the Push-Lock™ Lag.