

Kit 471 Series Installation Instructions for Metal Posts

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

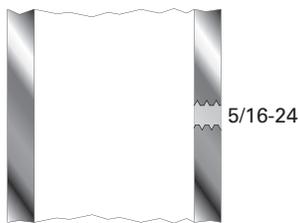
Drill 5/32" hole clear through intermediate posts.

Hole size for 3/16" dia. cable installation:

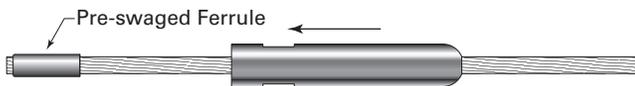
Drill 7/32" hole clear through intermediate posts.

For both 1/8" and 3/16" dia. cable:

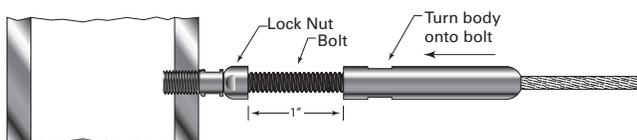
Drill and tap 5/16-24 threaded holes on the inside of each end post.



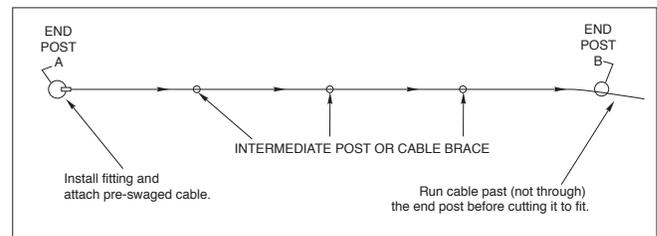
1. Install the tensioning end first with the Adjust-A-Body with Threaded Bolt Tensioner (A-JTB6) by threading the short end of the bolt into the pre-tapped hole in your end post using a 1/4" open-end wrench.
2. Screw the lock nut all the way onto the 2" long threaded end of the bolt.
3. Slide the body of the Adjust-a-Body with Threaded Bolt tensioner onto the bare end of the cable, threaded end first, and pull it the length of the cable until it is stopped by the ferrule already swaged onto the cable.



4. Thread the body with the cable attached onto the threaded end of the bolt and turn until 1" of thread is left showing.

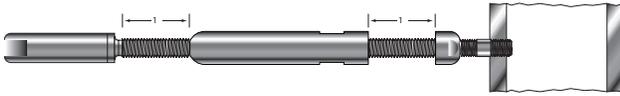


5. Run the bare end of the cable through all your intermediate posts and to the end post where you will be installing the Push-Lock fitting.

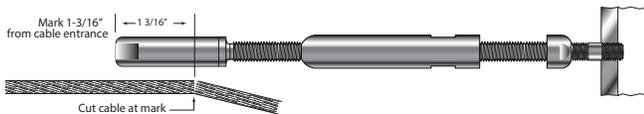


6. Install the Push-Lock Turnbuckle with Threaded Bolt by threading the short end of the bolt into the pre-tapped hole in End Post B using a 1/4" open end wrench.
7. Screw the lock nut all the way onto the 2" long threaded end of the bolt.
8. Thread the Turnbuckle body onto the bolt and turn until 1" of thread is showing between the nut and the body.

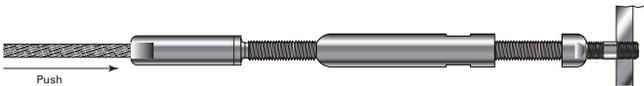
9. Thread the Push-Lock Stud into the Turnbuckle body until there is 1" of thread showing between the Turnbuckle body and the shoulder of the Push-Lock Stud.



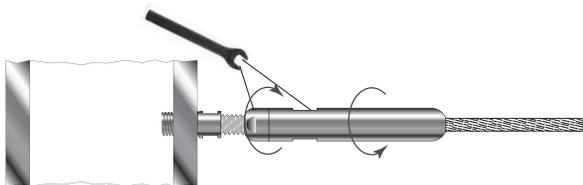
10. Mark the Push-Lock Stud body at 1-3/16" from the cable entrance of the stud. Holding the fitting, pull the cable taut over the mark on the stud and transfer the mark to the cable. Cut cable at mark.



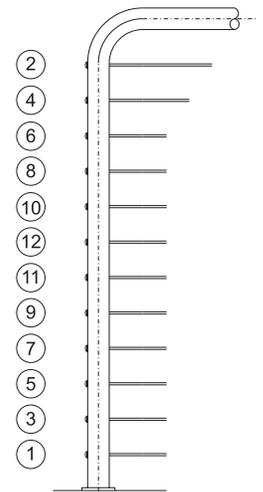
11. At Post A, detach the body from the Threaded Bolt to allow cable slack so you can perform the next step.
12. At Post B, push the cable into the hole in the stud as far as it will go (approximately 1-1/16"). Twist the cable in a right hand direction as you push it into the fitting. You will feel it slide through the jaws inside the stud.



13. At Post A, hand turn the body as far onto the Threaded Bolt as possible.
14. Tension the cable beginning at Post A, by holding it to prevent the cable from turning while you turn the Adjust-A-Body with a 7/16" open-end wrench. Be careful to protect the cable from damage while tensioning the Adjust-A-Body. Any remaining visible thread may be needed for future tightening.
15. Turn the lock nut against the body and tighten with open-end wrenches.

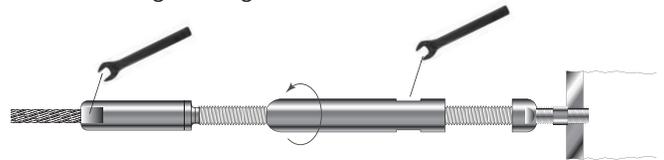


16. Tension in sequence, beginning with the outside cables and moving back and forth toward the center.

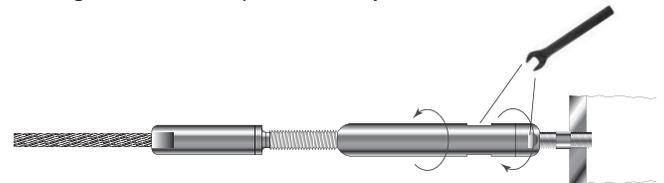


RECOMMENDED TENSIONING SEQUENCE

17. Go to Post B and finish tensioning using the Turnbuckle. While preventing the Push-Lock Stud from turning by holding it in place with a 3/8" open-end wrench (using wrench flat), turn the body of the Turnbuckle with a 7/16" wrench until the cable is suitably tensioned. Once tensioned, there may be 1/2"-3/4" of thread left showing on either side of the turnbuckle body. Any remaining visible thread may be needed for future tightening.



18. Remove 3/8" wrench from the Push-Lock body. Using another 7/16" wrench to prevent the Turnbuckle body from rotating, tighten the nut against the body to lock adjustment.



19. Tension in sequence as in Step 16. Finished cables should be tensioned to have only 1/4" of play when finger-pulled.