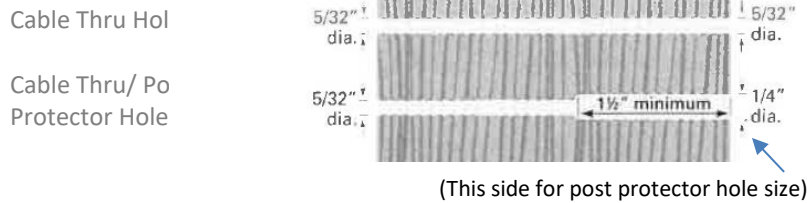


\*Use gloves, safety glasses and safety guards during installation. Cable can be sharp and spring wildly during tensioning and handling.

## Super View Push In Toggle Swivels Cable Kit Install Instructions

### A. Drill Posts

Hole size for 1/8" dia. cable installation



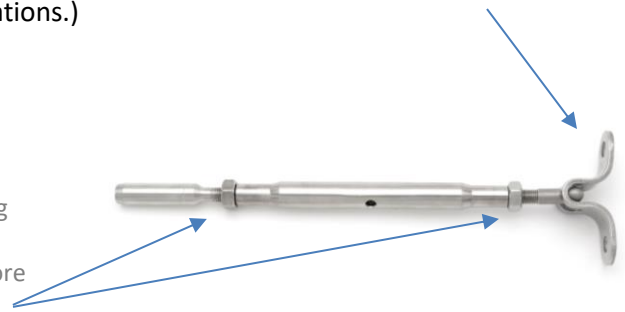
(\*Carefully layout your cable spacing for hole locations.)

### \*Mounting Holes for Toggles

Use recommended drill bit size for the fastener size and style appropriate for your surface application you have chosen. The most common screw size used for toggles is 1/4".

### B. Install the Tensioner toggle surface mount fitting

Use 2 fasteners of the proper style to mount the toggle tensioners to your surface. The tensioner is the longer fitting pictured to the right, usually has the cable attached. \*Leave thread visible/available for later tensioning of cable. The more thread you leave, more tensioning ability you have.



### C. Pass Cable Thru Posts

Pass your bare end of the cable from the tensioner end down thru all intermediate posts and supports towards the other end of the run.

### D. Install the push in toggle surface mount fitting

Use 2 fasteners of the proper style to mount the toggles to your surface on the opposite end than the tensioners.



### E. Measure and Cut Cable

Now pull your cable taught and hold near the side of the toggle body to mark for your cut.

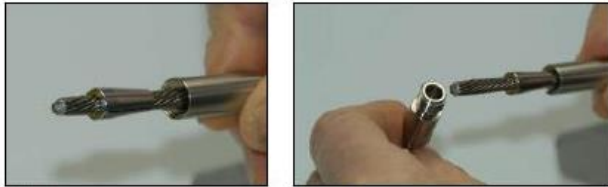
Mark the cable approximately 1 3/8" in from the front hole for the cut. \*The amount can vary based on how much you have the front of the body screwed in. Try to screw on the body as far as possible by hand before marking for your cut. It's normal to see a couple threads between. You can experiment and see the length needed by checking.

\*Make sure you have thread available on the other end fitting, the tensioner... Now cut the cable.

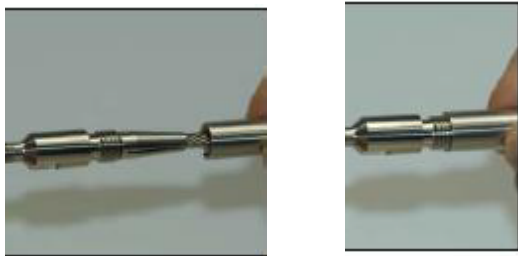
~ 1 3/8" Push In Depth into Toggle



Cone and 2 parts of Body of End Fitting



Face the cone properly and thread back together



Secure the cable by compressing the fitting together with 2 wrenches on flat spots



### F. Insert cable into toggle

Now you can insert the cable freely into the toggle body fitting you just measured for:

Unscrew the 2 sections of the toggle body and slide the cable thru the outer body and thru the compression cone inside. You may need to remove the cone to do this.

While pushing the cable bottomed out inside against the end fitting, slide the cone to the face to mate with the end fitting face.

Slide the body section to the End Fitting and engage the threads.

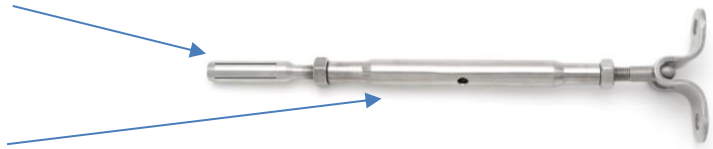
Now take 2 wrenches on the flat spots and tighten the 2 sections of the toggle body together to secure the cable.

**\*Make sure you tighten fully and the cable remains pushed in fully.**

## G. Tension your cables

Hold your cable from spinning with a wrench on the flat spots on the front of the stud.

Use the body and turn to advance along the thread. Once you have the proper tensioning, secure the nuts with a wrench up against the body sides. You may need to use a cloth and pliers to grip the body for the final tensioning rotations.



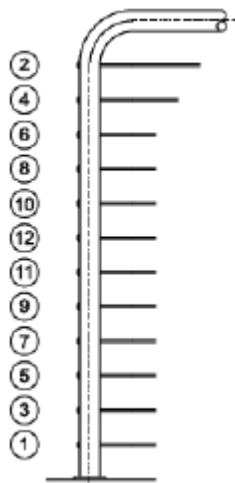
\*Plan ahead for the amount of thread needed for tensioning. You can dry fit for advance planning.

Make sure you have the proper tension needed for your cable spacing requirements. Railing Codes Require less than 4" openings.

**\*It's recommended to space cables approximately 3" for railings since they are flexible.**

### Recommended Tensioning Order

Tension in sequence, beginning with the outside cables and moving back and forth toward the center. Finished cables should be tensioned to have only 1/4" of play when finger-pulled.



All-Time Manufacturing Co. Inc. is not responsible for misuse of components.

Consult your local building codes for proper assembly requirements.