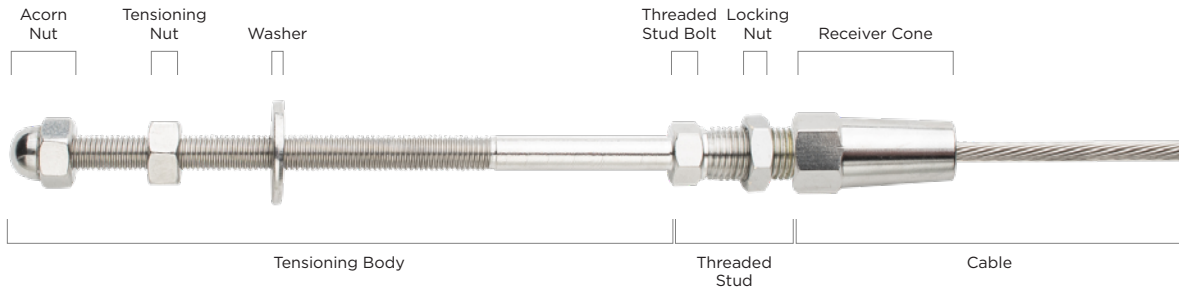




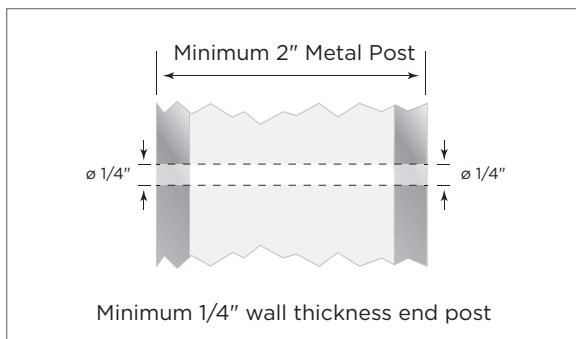
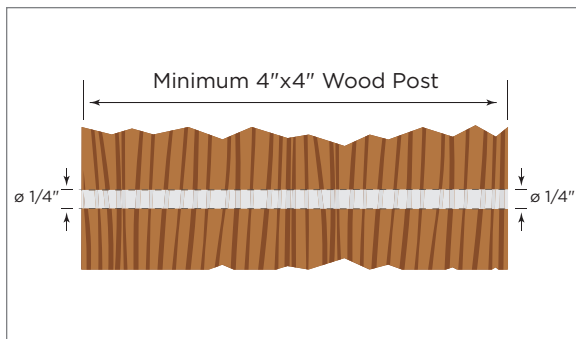
Installation Instructions for Wood or Metal Posts

Level Runs, Tensioning



Fitting comes preassembled.

A. Post Preparation



- A1. Using one face of the post, determine the center line of the post that runs from top to bottom.
- A2. Mark the placement of the holes to be drilled along the center line of post. Drill holes should be spaced a maximum of 3" apart from one another starting 3" from the underside of the handrail.
- A3. **End post:** to prepare an end post to accept the Tensioner, drill holes with a 1/4" drill bit.

Intermediate post: to prepare an intermediate post to accept 1/8" cable, drill holes with a 5/32" drill bit.

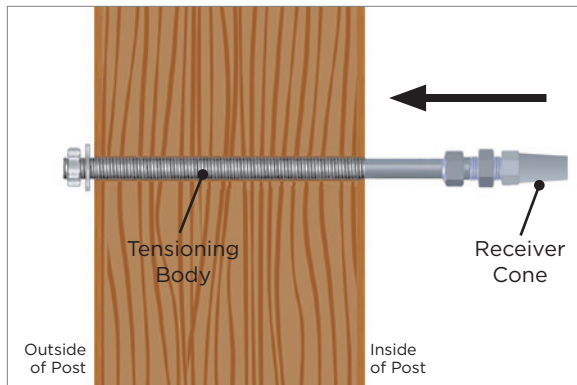
NOTE: The maximum hole spacing must be 3" apart to meet Building Code requirements.



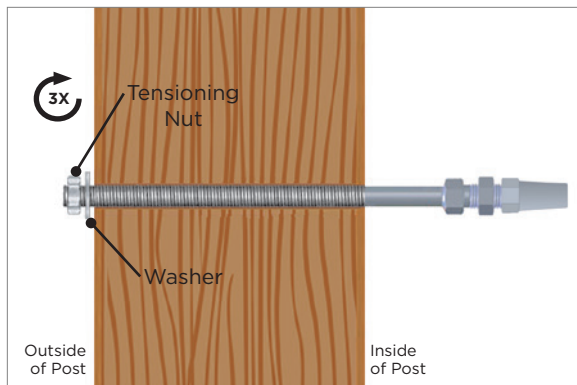
ATTENTION INSTALLERS! DO NOT REMOVE CONE

This new and improved Jaw does not require the cone to be removed. Removing the cone will render the Jaw to be **UNUSABLE**. In case of accidental removal, a replacement Jaw (CR1921) can be ordered at geobezdan.com/cr1921

B. Fastening the Tensioning Body

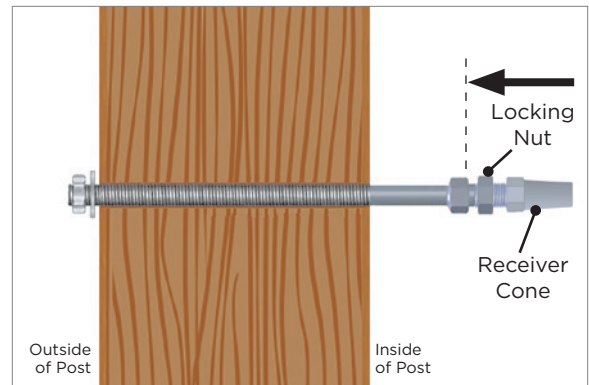


- B1. Holding the Receiver Cone, feed the Tensioning Body through the inside to the outside of the post. Part of the Tensioning Body will extend beyond the post.



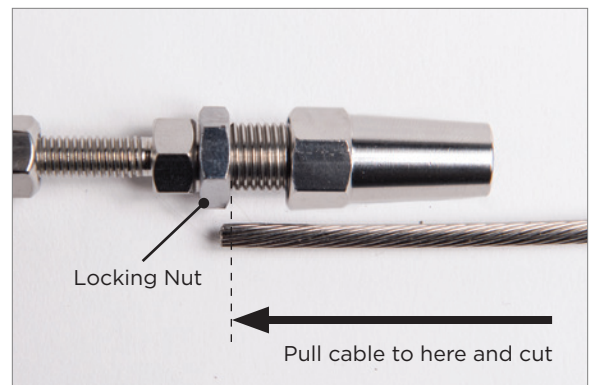
- B2. Slide the Washer over the Tensioning Body. Screw the Tensioning Nut in a clockwise direction onto the Tensioning Body three (3) full rotations. Do not fully tighten. The Tensioning Nut will be tightened at the end of the installation to allow for adequate tensioning of the cable.

C. Fastening the Locking Nut to the Tensioning Body



- C1. Screw the Locking Nut off the Receiver Cone until it sits flush with the Threaded Stud Bolt.

D. Fastening the Cable



- D1. Pull the cable, which is already attached to the non-tensioning fitting on the opposing end post, to the face of the Locking Nut. Measure, mark, and then cut the cable using a cable cutter.

IMPORTANT INSTALLATION NOTE

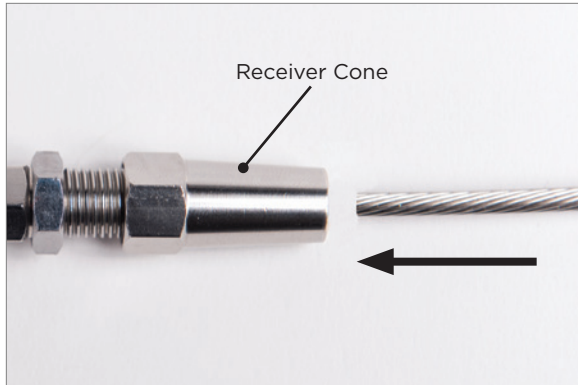
LEVEL RUNS LESS THAN 25'

Tensioning fitting CR1605 or CR1705 is to be installed on one end.

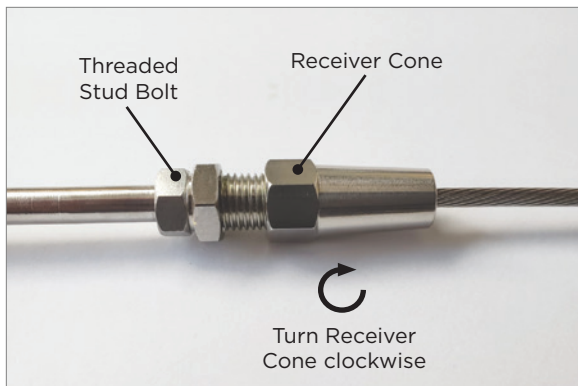
- ▶ For Metal: a non-tensioner (CR1610 or CR1710) should be used on the opposite end of the run.
- ▶ For Wood: a non-tensioner (CR1615 or CR1715) should be used on the opposite end of the run.

LEVEL RUNS MORE THAN 25' AND LESS THAN 45'

Tensioning fittings CR1605 or CR1705 must be installed on both ends.

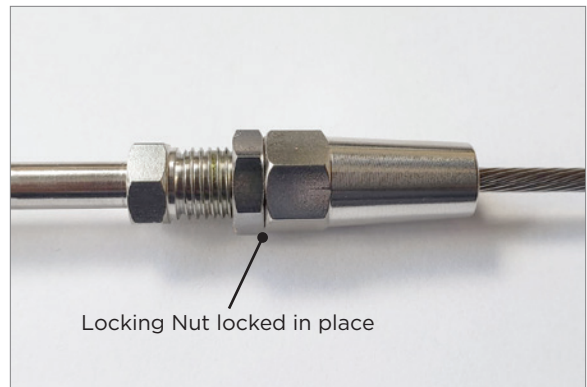
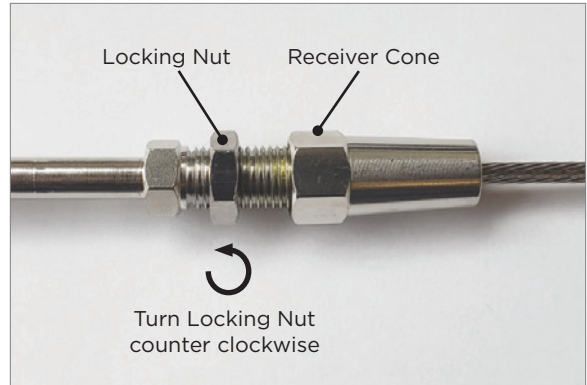


D2. Insert the cable into the cone.



D3. Use a 10mm wrench to hold the Threaded Stud Bolt. Holding the Threaded Stud Bolt will keep it from spinning while the Receiver Cone is being tightened.

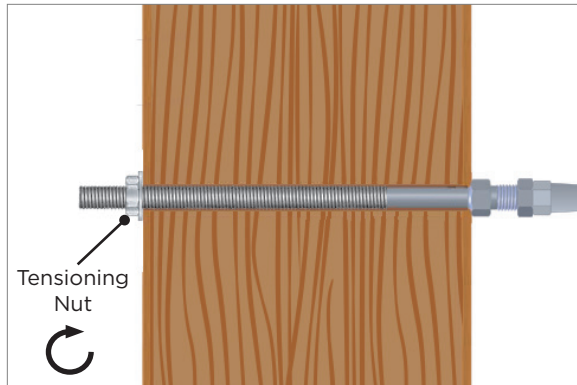
Tighten the receiver cone along the threaded stud. This step will crimp the Jaw and Receiver Cone onto the cable. Use a 12mm wrench to turn the Receiver Cone clockwise and securely fasten onto the Threaded Stud until the Receiver Cone can no longer turn.



D4. Use a 12mm wrench to turn the Locking Nut in a counter clockwise direction, this will lock the Receiver Cone into place.

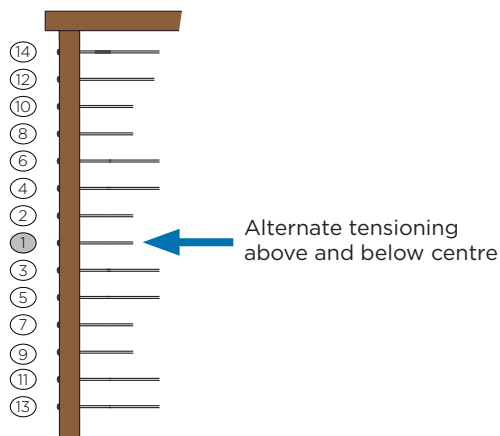
Use a 12mm wrench to hold the Receiver Cone while the Locking Nut is being tightened.

E. Tensioning



- E1. Use an 11 mm wrench to tighten the Tensioning Nut in a clockwise direction.

Follow the recommended tensioning sequence (below) to ensure proper installation.



Alternating between cables above and below the center run of cable, tighten until the cable is taut.

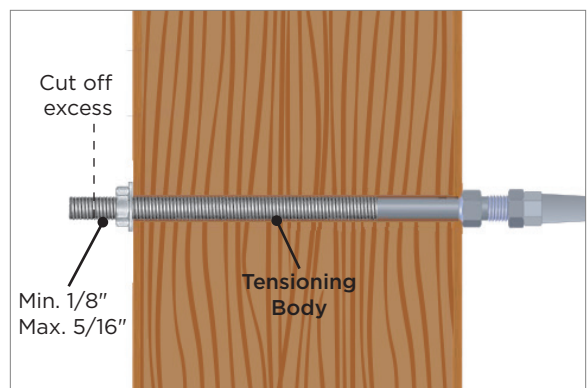
As tension is applied the surrounding cables may become loose. If this happens move onto the next sequenced cable run.

Repeat the sequence if necessary, re-tensioning the cables starting from the center cable run.

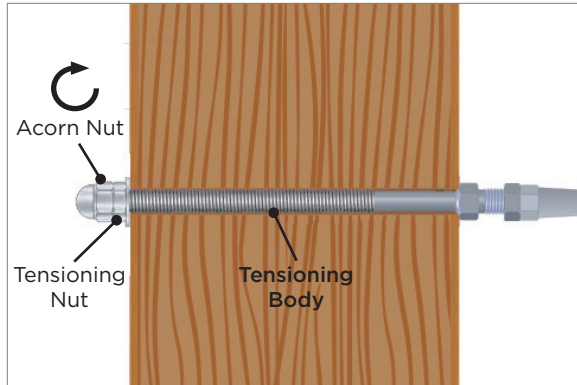
It is important to keep the cable from spinning during tensioning. Do not over tension. Over-tensioning will lead to bowing of metal posts.



- E2. Once all tensioners have been tightened, test the cable run for deflection. Once all cable runs are properly tensioned the cable spacing should measure 3" and the cable runs should be taut. The cable should not exceed a 1/2" deflection and a 4" sphere should not be able to pass between two cable runs. If more than 1/2" deflection exists, repeat step E1 until greater tension has been achieved. Do not over tension. Overtensioning will lead to bowing of metal posts.



- E3. The Tensioning Body can be cut to a minimum length of 1/8" with a maximum exposed length of 5/16" to allow the Acorn Nut to be affixed.



- E4. Complete the installation by threading the Acorn Nut in a clockwise direction onto the Tensioning Body. The Acorn Nut should sit flush against the Tensioning Nut.

Limited Warranty

Bezdan warrants to the original property owner/purchaser that Bezdan stainless steel cable and fittings are free of defect for a period of ten (10) years from the date of receipt. This warranty covers defects in workmanship and materials under normal use, conditions, installation and maintenance in accordance with the product specifications and procedures described in the cable rail installation and maintenance instructions. Learn more at geobezdan.com/bezdan-cable.