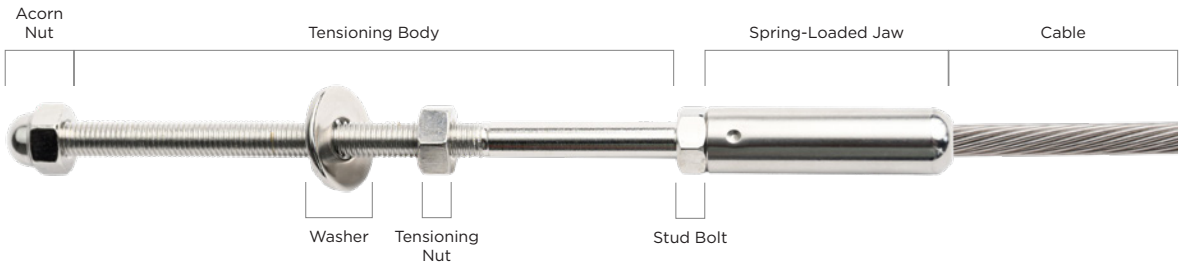
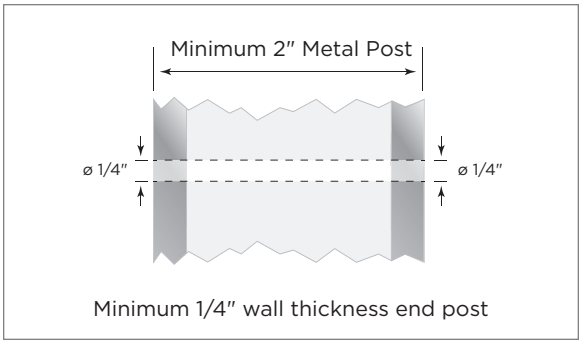
New Jaw

Installation Instructions for Wood or Metal Posts
Level Runs, Tensioning



Fitting comes preassembled.

A. Post Preparation



Minimum 1/4" wall thickness end post

A1. Using one face of the post, determine the center line of the post that runs from top to bottom.

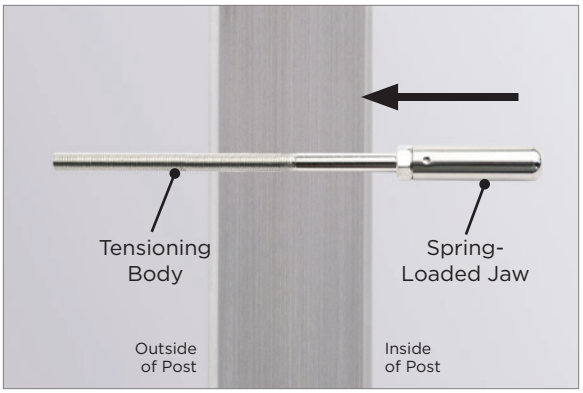
A2. Mark the placement of the holes to be drilled along the center line of post. Drill holes should be spaced a maximum of 3" apart from one another starting 3" from the underside of the handrail.

A3. **End post:** to prepare an end post to accept the Tensioner, drill holes with a 1/4" drill bit.

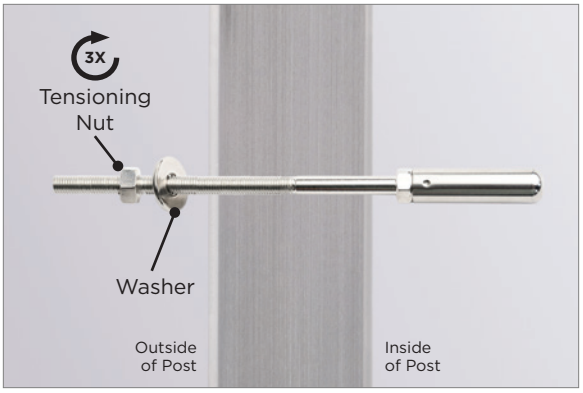
Intermediate post: to prepare an intermediate post to accept 1/8" cable, drill holes with a 5/32" drill bit.

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

B. Fastening the Tensioning Body

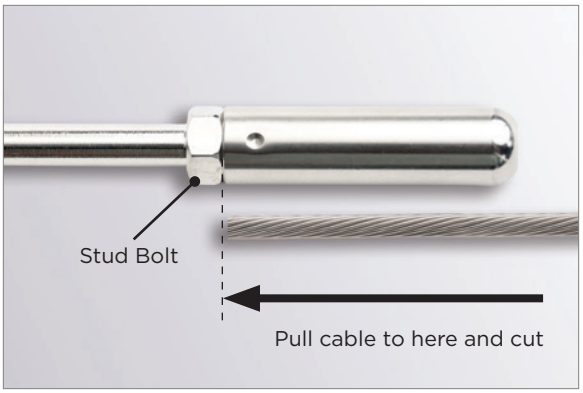


B1. Holding the Spring-Loaded Jaw, feed the Tensioning Body through the inside to the outside of the post. Part of the Tensioning Body will extend beyond the post.

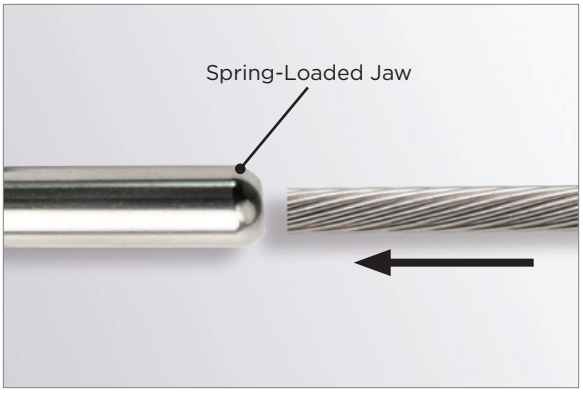


B2. First, slide the washer onto the Tensioning Body. Then, screw the Tensioning Nut clockwise onto the Tensioning Body for three (3) full rotations, but do not fully tighten it yet, as proper cable tensioning will be done at the end of the installation. Ensure that the Tensioning Nut is pressed firmly against the outside of the post. It is normal for part of the Tensioning Body to remain exposed on the inside of the post.

C. Fastening the Cable



C1. Pull the cable, which is already attached to the non-tensioning fitting on the opposing end post. Measure, mark, and then cut the cable using a cable cutter.



C2. Insert the cable into the Spring-Loaded Jaw.

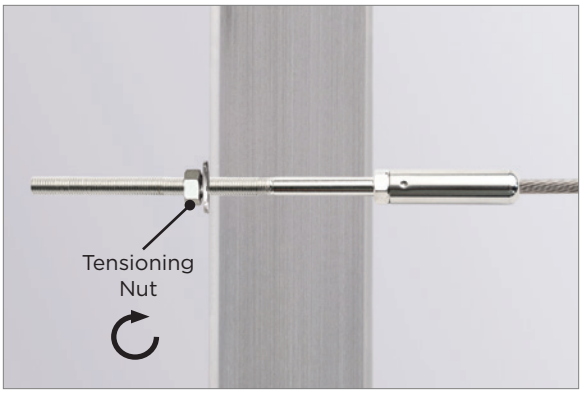
IMPORTANT INSTALLATION NOTE

LEVEL RUNS LESS THAN 25'
Tensioning fitting CR1606 or CR1706 is to be installed on one end.

- For Metal: a non-tensioner (CR1611 or CR1711) should be used on the opposite end of the run.
- For Wood: a non-tensioner (CR1616 or CR1716) should be used on the opposite end of the run.

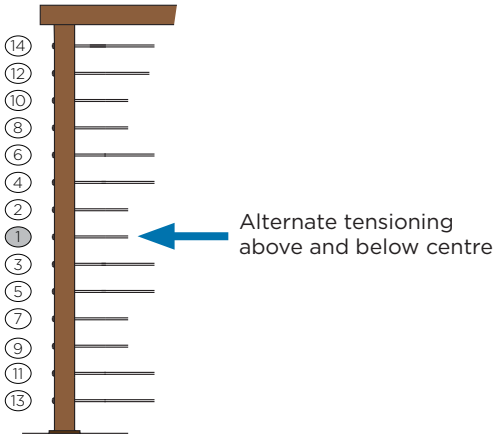
LEVEL RUNS MORE THAN 25' AND LESS THAN 45'
Tensioning fittings CR1606 or CR1706 must be installed on both ends.

D. Tensioning



D1. Use an 11 mm wrench to tighten the Tensioning Nut in a clockwise direction.

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



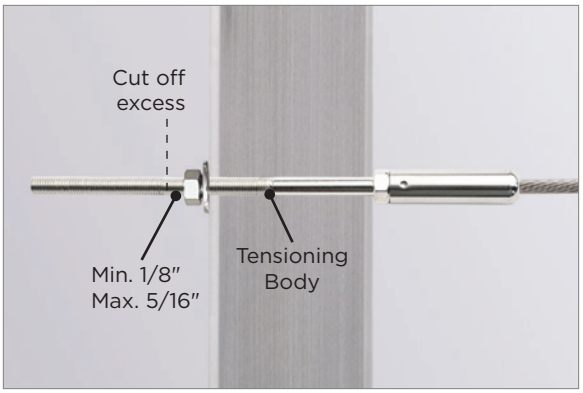
Alternating between cables above and below the center run of cable, tighten until the cable is taut.

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

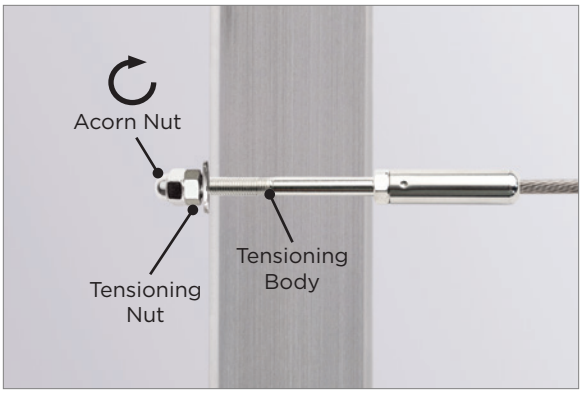
Repeat the sequence if necessary, re-tensioning the cables starting from the center cable run.

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

D2. Once all tensioners have been 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 D1 until greater tension has been achieved. Do not over tension. Overtensioning will lead to bowing of metal posts.



D3. 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.



D4. 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**.