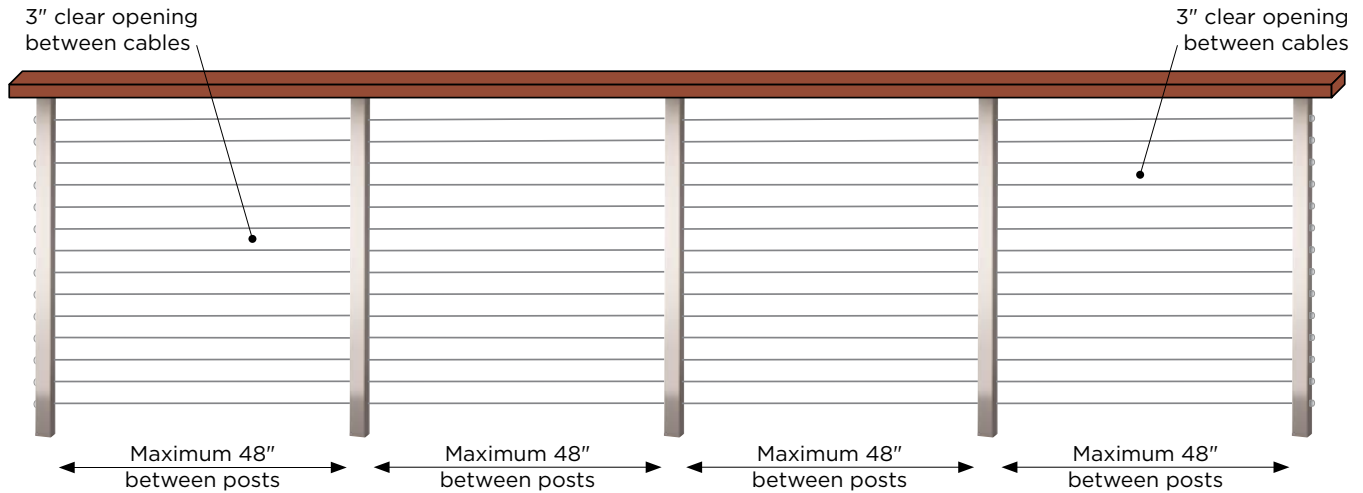


Framework Requirement Wood or Metal Applications



End Posts

Since hundreds of pounds of tension are being applied to end posts using cable railing, posts must be substantial enough to handle the tension. Please carefully review the requirements outlined on this page to ensure your installation provides appropriate support.

- ▶ For wood, a minimum 4" x 4" nominal (3-1/2" x 3-1/2" actual size) end post is required to handle the load when the cables are tensioned.
- ▶ For stainless steel posts, a minimum 2" x 2" post with 1/4" wall thickness (unless otherwise tested), is required to handle the load when the cables are tensioned.
- ▶ Must be securely fastened to the substrate or mounting surface to prevent the post from coming loose when cables are tensioned.

A top rail is always necessary when building a railing with cable infill. A top rail should always be installed prior to the infill and in a way that allows the top rail to absorb and deflect the pressure applied when cable is tensioned. It is best practice to secure top rails between the post rather than simply fastening the rail on the top of the post.

Intermediate Posts

To meet NBC code requirements for openings in guards, the cable should be supported in some manner at least every 48" along its run to keep the cable rung from deflecting beyond 4". Intermediate posts, other than those that are structurally necessary, can be thin metal cable braces with holes for the cables to pass through. Learn more at geobezdan.com/national-building-code.



Bezdán Metal Usage Guide

Learn about stainless steel alloy characteristics and recommendations for indoor and outdoor applications. Additionally, find care and maintenance information to preserve the appearance and integrity of stainless steel after installation. geobezdan.com/metal-usage-guide.

Fitting Selection Guide

Through-Post

Product Name and Part #		Tensioner		Application		Run Length		Substrate	
		Yes	No	Level	Stairs	< 25'	25'-45'	Wood	Metal
Bezdán Cable Tensioner Part # CR1605		✓		✓	✓*	✓	✓	✓	✓
Bezdán Cable Non-Tensioner Stud Part # CR1610			✓	✓		✓			✓

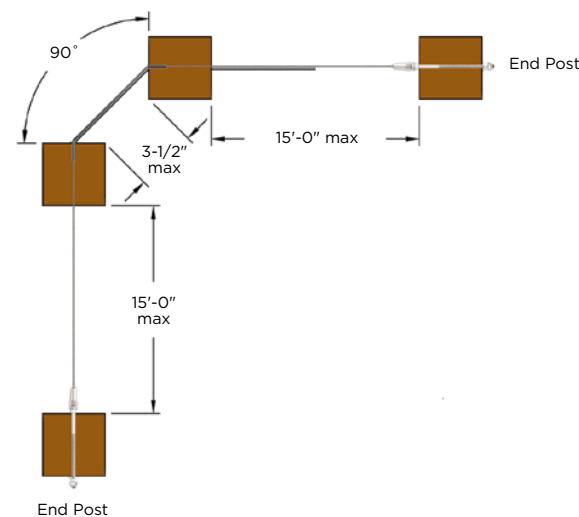
* Stair applications require beveled washers.

Surface Mount

Product Name and Part #		Tensioner		Application		Run Length		Substrate	
		Yes	No	Level	Stairs	< 25'	25'-45'	Wood	Metal
Bezdán Cable Non-Tensioner Lag Part # CR1615			✓	✓		✓		✓	

Corner Applications, Level Runs

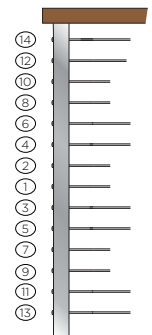
Corner applications require a double post system with posts placed no further than 3.5" apart and cable not exceeding 45°. A tensioner is required on each end post. The maximum run length is 15'. Wood systems require post protector sleeves to keep the cable from biting into the wood.



Tensioning Sequence

Cable railing requires 11-14 rows of cable depending on the post height and railing framework. A 3" spacing between runs is recommended to comply with code requirements. Learn more at geobezdan.com/national-building-code.

All runs of cable and end fittings are installed before tensioning. Follow the recommended tensioning sequence to ensure proper installation.



Required Tools & Recommended Cleaning Supplies



Suggested Tools for End Posts

(Supplied by others)

- ▶ 2 x 11mm wrench wrench
(For installation of CR1605, CR1610, CR1615)
- ▶ 2 x 12mm wrench wrench
(For installation of CR1605, CR1610, CR1615)
- ▶ 1 x 10mm wrench
(For installation of CR1605, CR1610, CR1615)
- ▶ 1/4" drill bit
(For installation of CR1605, CR1610)
- ▶ 1/8" drill bit
(For installation of CR1615)

Suggested Tools for Intermediate Posts

(Supplied by others)

- ▶ 5/32" drill bit

Additional Tools

- ▶ Cable Cutter for 1/8" Cable
Part # C-CUTTER

Recommended Cleaning Supplies

- ▶ Stainless Steel Cleaner and Protectant
Part # T9RFLG, T9RFSM

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.