

Cable Railing

SIMPLICITY. VERSATILITY. UNOBSTRUCTED VIEWS.

BEZDAN



Cable Railing

Create railings that achieve a modern look and showcase the view. Low-maintenance, versatile stainless steel components work with metal or wood posts and make cable infill ideal for indoor and outdoor applications.

Bezdan Cable

Bezdan Cable offers exceptional value with a cost-effective, low maintenance cable railing solution for decks, patios and stairs.

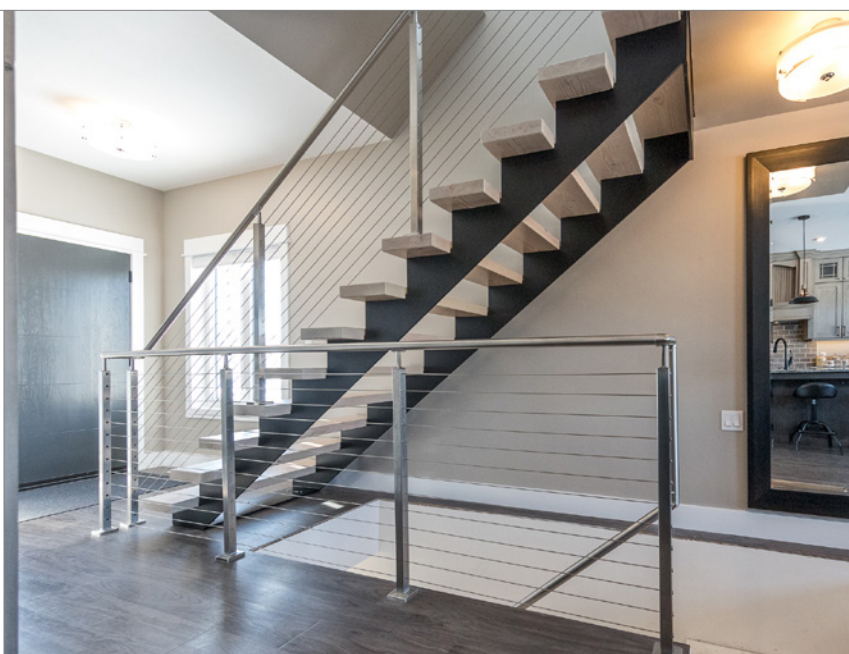
An off-the-shelf cable railing solution provides time and cost savings for installers.



RailFX®

formerly ULTRA-TEC®

RailFX features cable infill that keep views clear. Fittings are hidden and tamper resistant. Cable can be secured by hand with innovative swageless fittings. No special equipment required.





Bezdan Cable

CONTEMPORARY LOOK. EXCEPTIONAL VALUE.

Bezdan Cable offers exceptional value with a cost-effective, low maintenance cable railing solution for decks, patios, and stairs. Posts are pre-drilled to accept swageless fittings that are quick to install. Find an off-the-shelf cable railing solution in two color options.

Satin Stainless Collection

Create a complete cable railing solution in satin stainless for a timeless look.

- ▶ Fascia mount posts for level and stair applications
- ▶ Through-post and surface mount fitting options
- ▶ Stainless steel cable and accessories

Black Stainless Collection

Explore cable components in black stainless PVD finish to create an ultra-modern look for cable railings.

- ▶ Fascia mount posts for level and stair applications
- ▶ Through-post and surface mount fitting options
- ▶ Black oxide cable and black stainless accessories



FIGURE 1: Fascia Mount, Pre-Drilled Post CR1650 and CR1651, Tensioner CR1605, Non-Tensioner CR1610, Top Mount Bracket CR1690, Cable CR1600

Satin Stainless Collection

Clean. Contemporary. Timeless.

- ▶ Level and stair applications
- ▶ Indoor and outdoor use
- ▶ Engineered for structural performance

Cable Posts & Brackets

Fascia Mount Posts

- ▶ Pre-drilled for a cost-effective off-the-shelf solution
- ▶ Suitable for through-post fittings
- ▶ End and intermediate posts for level and stair applications

Top Mount Brackets

- ▶ Level and stair applications
- ▶ Precision fit components with extremely tight tolerances



Cable Fittings

Through-post and surface mount installation

- ▶ Suits metal or wood posts
- ▶ Level and stair applications
- ▶ Tensioning and non-tensioning components
- ▶ Quick-to-install, swageless fittings secure by hand



Metal Usage Guide

MATERIAL	INDOOR	OUTDOOR
Stainless Steel Alloy 316 	✓	✓
Stainless Steel Alloy 316L 	✓	✓

Refer to the [Metal Usage Guide: Stainless Steel and Architectural Railings](#) for more information.

CABLE POSTS & BRACKETS | FASCIA MOUNT POSTS

Fascia Mount, Pre-Drilled for Through-Post Cable Fittings



OVERVIEW

- ▷ Post wall thickness is 0.12" to accommodate top mount brackets
- ▷ End posts are pre-drilled for through-post cable fittings
- ▷ Intermediate posts are pre-drilled for 1/8" diameter cable
- ▷ Level and stair applications
- ▷ Hole placement designed to meet code requirements for cable spacing
- ▷ The extremely tight tolerance on the post tubing ensures a precision fit and quick-bonding with top mount brackets
- ▷ Use Bezdan approved Loctite 680 quick-bonding adhesive with fittings to expedite installation time
- ▷ [Engineering Report](#)
- ▷ Meets ASTM A554 standard

METAL USAGE





- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Top mount brackets for cable post, level and adjustable
- ▷ Tensioner, through-post
- ▷ Non-tensioner, through-post

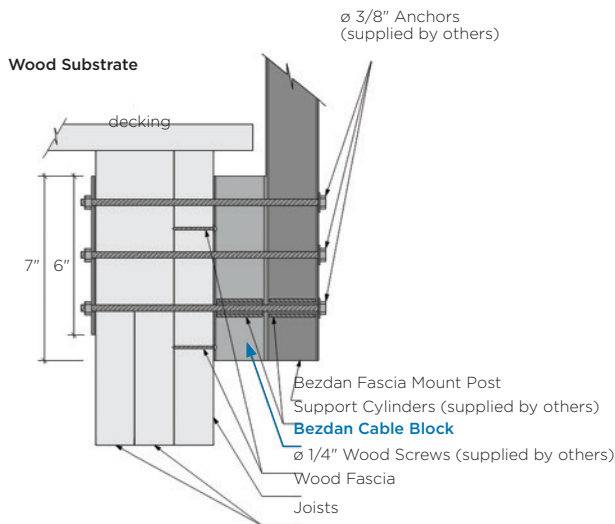
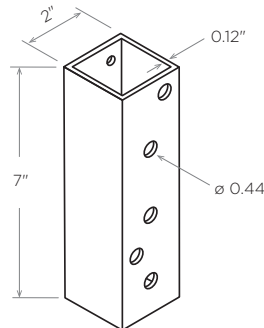
INSTALLATION

- ▷ Holes in post are drilled for \varnothing 3/8" anchors (supplied by others)
- ▷ Corner applications require the use of two end posts
- ▷ Engineered for installation on wood, steel, and concrete substrates
- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Post Configuration	Post Size	Material	Alloy	Finish	Height	Weight
CR1650	Level	End	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	49-1/2"	11.50 lbs. each
CR1651	Level	Intermediate	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	49-1/2"	11.60 lbs. each
CR1655	Stair	End	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	45-1/2"	10.35 lbs. each
CR1656	Stair	Intermediate	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	45-1/2"	10.40 lbs. each

CABLE POSTS & BRACKETS | FASCIA MOUNT POSTS

New Block for Fascia Mount Post



OVERVIEW

- ▶ The block is used with fascia mount cable posts for balconies and decks with flooring or nosing overhangs
- ▶ Use with Bezdan 2" x 2" x 0.12" square stainless steel fascia mount pre-drilled posts
- ▶ Requires a 0.94" x 0.125" x 1.75" Alloy 316 stainless steel support cylinder to be installed in the bottom hole line of block and post (see diagram)
- ▶ [Engineering Report](#)
- ▶ Meets ASTM A554 standard

METAL USAGE

- ▶ 316L indoor/outdoor use

RELATED PRODUCTS

- ▶ Fascia mount cable posts
- ▶ Support cylinder in alloy 316 (supplied by others)

INSTALLATION

- ▶ Install support cylinders in the bottom hole line of the block and post. Refer to ILLUSTRATION 1
- ▶ Holes in block are drilled for 3/8" anchors (supplied by others)
- ▶ Engineered for installation on wood, steel, and concrete substrates
- ▶ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Block Size	Material	Alloy	Finish	Height	Weight
CR1699	Level or Stair	2" x 0.12"	Stainless Steel	316L 	#4 Satin	7"	1.64 lbs. each

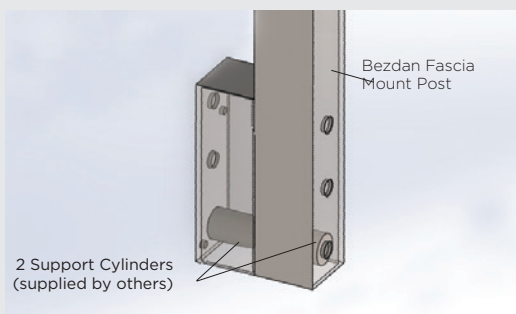


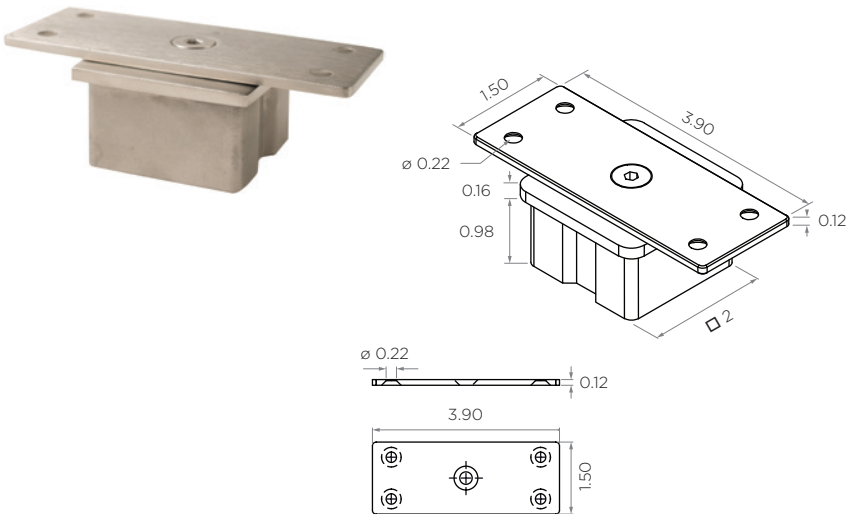
ILLUSTRATION 1

Support Cylinders Installation

- ▶ Cylinders to be stainless steel alloy 316 with cross sectional dimensions of 0.94" x 0.125" x 1.75" (supplied by others)
- ▶ Install support cylinders in the bottom hole line of the block and post

CABLE POSTS & BRACKETS | TOP MOUNT BRACKETS

Top Mount Bracket, Fixed, Flat Saddle



OVERVIEW

- ▷ Suits Bezdán 2" x 2" x 0.12" square stainless steel fascia mount pre-drilled posts for level applications
- ▷ Top mount bracket with ultra-low profile to create a streamlined railing
- ▷ Connection sleeve depth provides increased strength and ample surface area for adhesive application
- ▷ Use Bezdán approved Loctite 680 quick-bonding adhesive with fittings to expedite installation time
- ▷ A reservoir in the bracket sleeve accommodates any excess adhesive
- ▷ Available to suit square or rectangular handrail
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Fascia mount cable posts
- ▷ Loctite 680
- ▷ Suggested fastener:
 - Saddle to handrail, flat type, indoor/limited outdoor: Part #9934 for metal, #9930 for wood


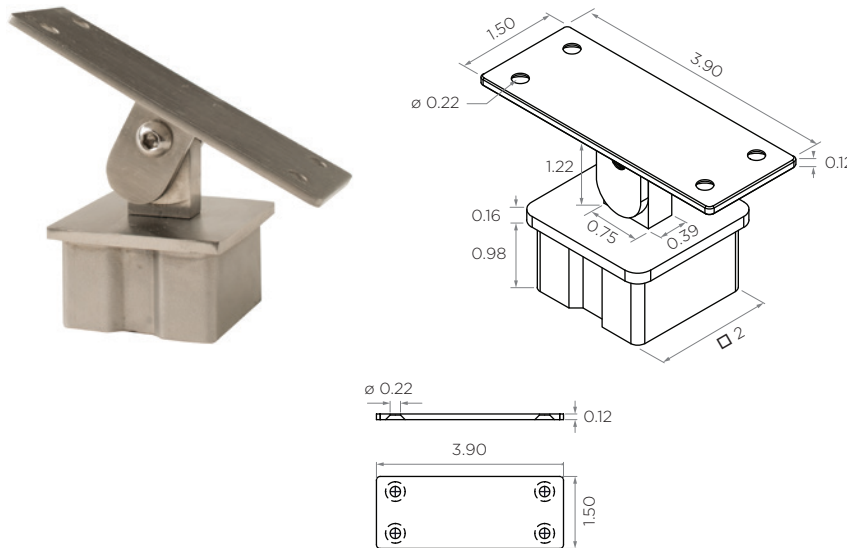
Part #	Post Type	Saddle Type	Material	Alloy	Finish	Weight
CR1690	□ 2" x 0.12"	Flat	Stainless Steel	316 	#4 Satin	0.50 lbs. each



FIGURE 2: Fascia Mount, Pre-Drilled Post CR1650 and CR1651, Top Mount Bracket CR1690 and Cable CR1600

CABLE POSTS & BRACKETS | TOP MOUNT BRACKETS

Top Mount Bracket, Adjustable, Flat Saddle



OVERVIEW


- ▷ Suits Bezdan 2" x 2" x 0.12" square stainless steel fascia mount pre-drilled posts for stair applications
- ▷ Top mount bracket with ultra-low profile to create a streamlined railing
- ▷ Connection sleeve depth provides increased strength and ample surface area for adhesive application
- ▷ Use Bezdan approved Loctite 680 quick-bonding adhesive with fittings to expedite installation time
- ▷ A reservoir in the bracket sleeve accommodates any excess adhesive
- ▷ Available to suit square or rectangular handrail
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Fascia mount cable posts
- ▷ Loctite 680
- ▷ Suggested fastener:
 - Saddle to handrail, flat type, indoor/limited outdoor: Part #9934 for metal, #9930 for wood

Part #	Post Type	Saddle Type	Material	Alloy	Finish	Weight
CR1691	□ 2" x 0.12"	Flat	Stainless Steel	316 	#4 Satin	0.65 lbs. each



Your Trusted Source for Cable Railing

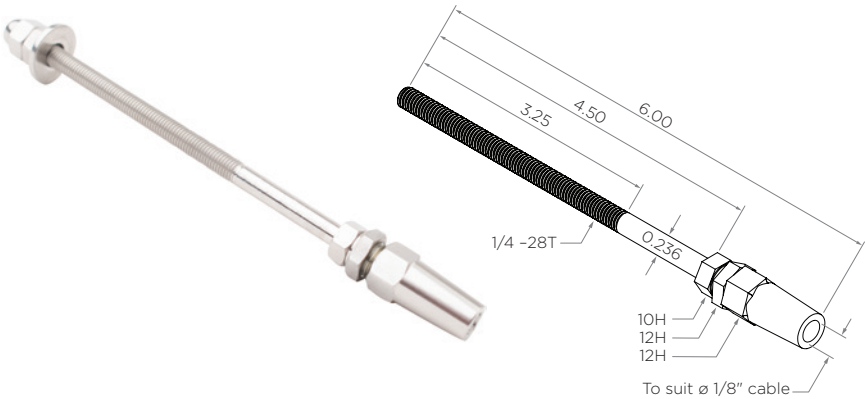
With over a decade of experience in cable railing, our knowledgeable customer service team is here to help with product recommendations and quoting for your specific needs.

Get a Quote: geobezdan.com/quote-request



CABLE FITTINGS | THROUGH-POST

Tensioner, ø 1/8"



OVERVIEW

- ▷ Suits 2" x 2" x 0.12" stainless steel post for level and stair applications
- ▷ Suits 4" x 4" nominal wood post for level applications
- ▷ Swageless tensioning component
- ▷ For stair applications use with beveled washer
- ▷ Use with stainless steel cable, 1x19 L.H. lay, ø 1/8"
- ▷ Suits runs up to 45 ft when paired with another tensioner
- ▷ Supplied with acorn nut for a finished look
- ▷ [Test report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Non-tensioner stud
- ▷ Fascia mount cable posts

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

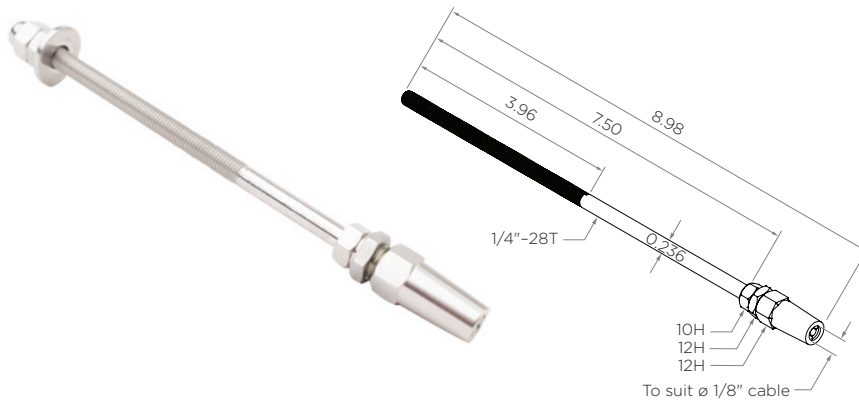
Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1605	Level, Tensioner, Metal & Wood Post Stair, Tensioner, Metal Post	ø 1/8"	Stainless Steel	316L 	Satin	0.13 lbs. each



FIGURE 3: Fascia Mount, Pre-Drilled Post CR1650 and CR1651, Top Mount Brackets CR1691, Through-Post Tensioner CR1605 and Cable CR1600

CABLE FITTINGS | THROUGH-POST

Tensioner, \varnothing 1/8"



OVERVIEW

- ▷ Suits 4" x 4" nominal wood post for stair applications
- ▷ Swageless tensioning component
- ▷ For stair applications use with beveled washer
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 45 ft when paired with another tensioner
- ▷ Supplied with acorn nut for a finished look
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Non-tensioner lag

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1620	Stair, Tensioner, Wood Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.25 lbs. each



Quality, Safety and Performance

Quick-to-install, swageless fittings.

- ▶ Alloy 316L for maximum corrosion resistance
- ▶ CNC machined for precision craftsmanship
- ▶ Electro-polished and beautiful satin finish
- ▶ Posts & fittings engineered to meet NBC 2015

BEZDAN

CABLE FITTINGS | THROUGH-POST

Non-Tensioner Stud, \varnothing 1/8"



OVERVIEW

- ▷ Suits 2" x 2" x 0.12" stainless steel post for level applications
- ▷ Swageless non-tensioning component
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 25 ft (**must be paired with a tensioning fitting**)
- ▷ Supplied with acorn nut for a finished look
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

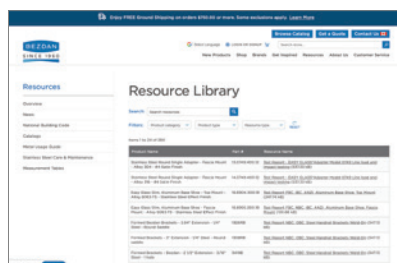
RELATED PRODUCTS

- ▷ Tensioner
- ▷ Fascia mount cable posts, level

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1610	Level, Non-Tensioner, Metal Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.11 lbs. each



New Resource Library

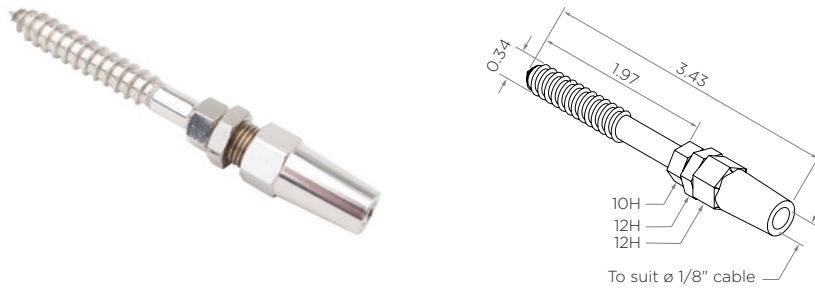
Visit the Resource Library to quickly and easily find test and engineering reports for our Bezdán Cable products.

Check out geobezdan.com/resource-library/



CABLE FITTINGS | SURFACE MOUNT

Non-Tensioner Lag, \varnothing 1/8"



OVERVIEW

- ▷ Suits 4" x 4" nominal wood post for level applications
- ▷ Swageless non-tensioning component
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 25 ft (**must be paired with a tensioning fitting**)
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioner

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

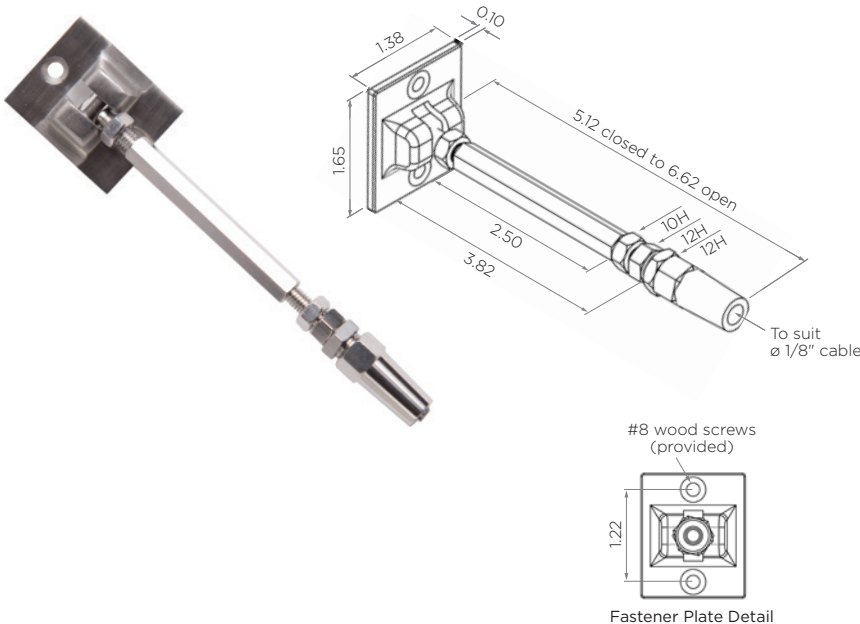
Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1615	Level, Non-Tensioner, Wood Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.08 lbs. each



FIGURE 4: Fascia Mount Post CR1650, Non-Tensioner CR1610 and Cable CR1600

CABLE FITTINGS | SURFACE MOUNT

Tensioner, $\varnothing 1/8"$



OVERVIEW

- ▷ Suits metal or 4" x 4" nominal wood post for level and stair applications
- ▷ Swageless tensioning component
- ▷ Fittings can achieve angles up to 180°
- ▷ Use with stainless steel cable, 1x19 L.H. lay, $\varnothing 1/8"$
- ▷ Suits runs up to 45 ft when paired with another tensioner
- ▷ Supplied with two #8, alloy 316 stainless steel wood screws
- ▷ Screws for metal post not included
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Non-tensioner

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1630	Level & Stair, Tensioner, Metal & Wood Post	$\varnothing 1/8"$	Stainless Steel	316L 	Satin	0.13 lbs. each

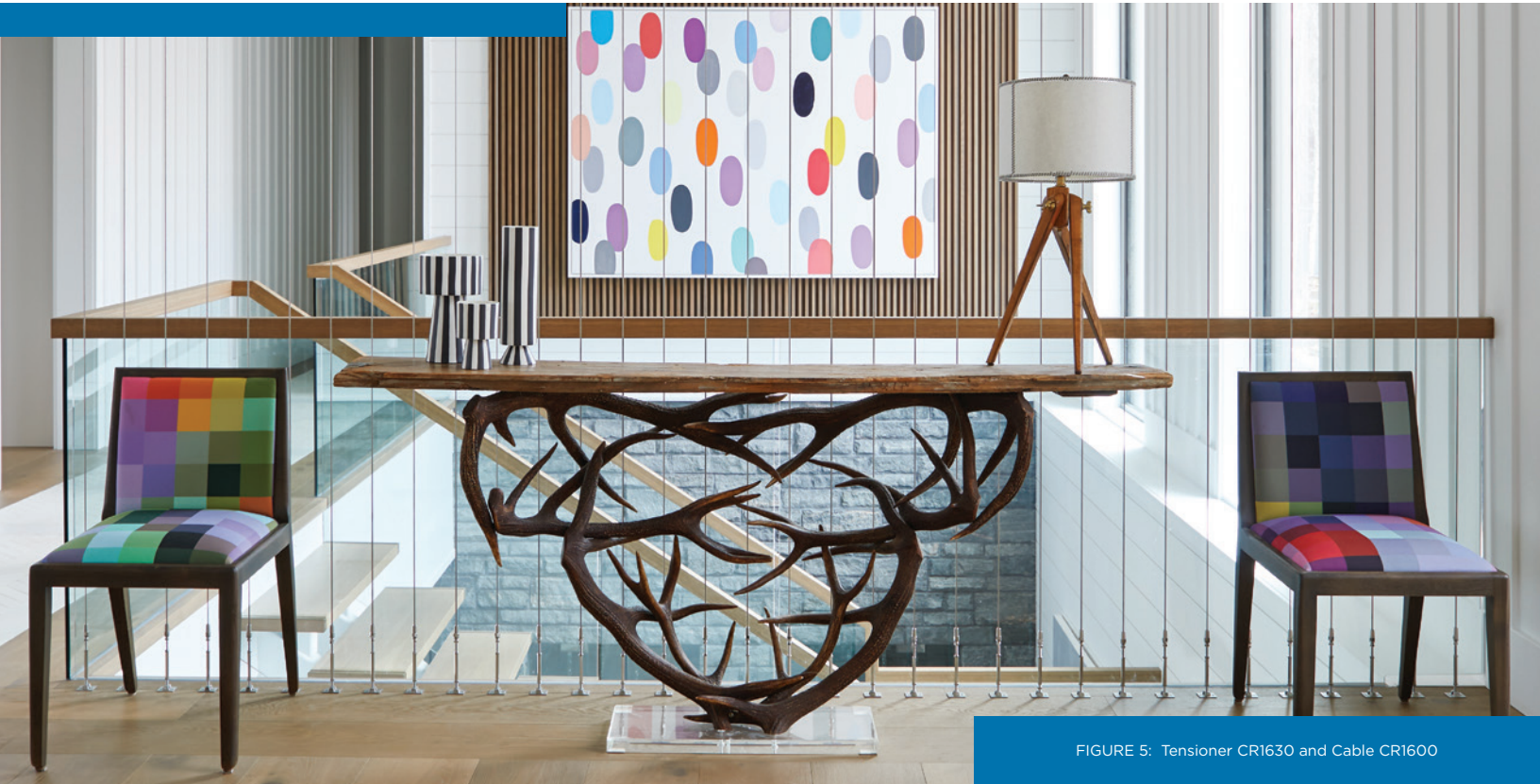
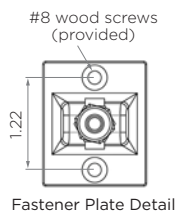
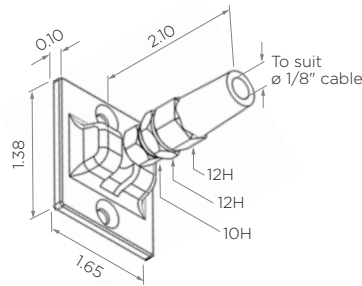


FIGURE 5: Tensioner CR1630 and Cable CR1600

CABLE FITTINGS | SURFACE MOUNT

Non-Tensioner, $\varnothing 1/8"$



OVERVIEW

- ▷ For metal or wood posts
- ▷ Swageless non-tensioning component
- ▷ Level and stair applications
- ▷ Fittings can achieve angles up to 150°
- ▷ Use with stainless steel cable, 1x19 L.H. lay, $\varnothing 1/8"$
- ▷ Suits runs up to 25 ft (**must be paired with a tensioning fitting**)
- ▷ Supplied with two #8, alloy 316 stainless steel wood screws
- ▷ Screws for metal post not included
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioner

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

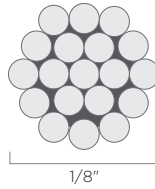
Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1635	Level & Stair, Non-Tensioner, Metal & Wood Post	$\varnothing 1/8"$	Stainless Steel	316L 	Satin	0.13 lbs. each



FIGURE 6: Tensioner CR1630 and Cable CR1600

ACCESSORIES | CABLE & REPLACEMENT PARTS

Stainless Steel Cable, 1x19 L.H. Lay, \varnothing 1/8" and \varnothing 3/16"



OVERVIEW







- ▷ \varnothing 1/8" cable with 1x19 left hand lay

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioning and non-tensioning fittings

Part #	Cable	Length	Material	Alloy	Finish	Weight
CR1600-25	1/8"	25'	Stainless Steel	316 	Polished	1.00 lbs. each
CR3600-25	3/16"	25'	Stainless Steel	316 	Polished	1.75 lbs. each
CR1600-100	1/8"	100'	Stainless Steel	316 	Polished	3.50 lbs. each
CR3600-100	3/16"	100'	Stainless Steel	316 	Polished	7.00 lbs. each
CR1600-500	1/8"	500'	Stainless Steel	316 	Polished	20.50 lbs. each
CR3600-500	3/16"	500'	Stainless Steel	316 	Polished	35.00 lbs. each

Post Protector Sleeve, \varnothing 1/8" and \varnothing 3/16"





OVERVIEW

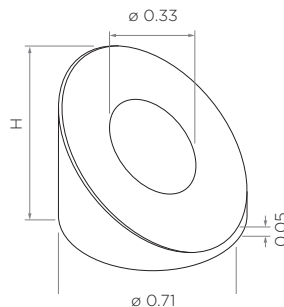
- ▷ For corner and stair applications up to 45° to keep cable from biting into the wood
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

Part #	Cable Size	A	B	X	Material	Alloy	Finish	Weight
CR1905	\varnothing 1/8"	\varnothing 0.14	\varnothing 0.26	\varnothing 0.39	Stainless Steel	316L 	Satin	0.01 lbs. each
CR3905	\varnothing 3/16"	\varnothing 0.22	\varnothing 0.34	\varnothing 0.55	Stainless Steel	316L 	Satin	0.01 lbs. each

Wedge



OVERVIEW

- ▷ Available to suit multiple angles
- ▷ Use to ensure proper installation of through-post tensioner at an angle
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use




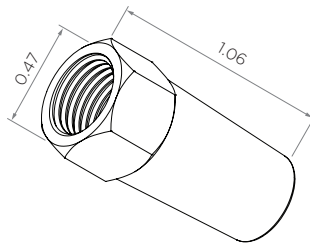
Part #	Application	Height (H)	Material	Alloy	Finish	Weight
CR1910	37.33°	0.57"	Stainless Steel	316L 	Satin	0.03 lbs. each
CR1911	40.27°	0.64"	Stainless Steel	316L 	Satin	0.03 lbs. each
CR1912	41.42°	0.67"	Stainless Steel	316L 	Satin	0.03 lbs. each



FIGURE 7: Tensioner CR1630, Non-Tensioners CR1635 and CR1615 and Cable CR1600

ACCESSORIES | POST PROTECTOR & WEDGE

Cone, \varnothing 1/8"**OVERVIEW**

- ▷ Replacement receiver cone
- ▷ Meets AISI steel grade designation

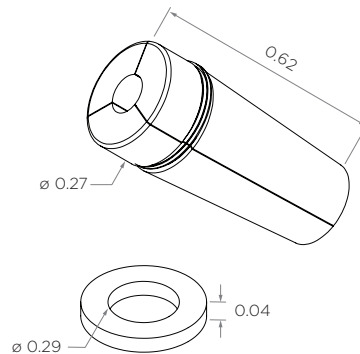
METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioning and non-tensioning fittings

Part #	Cable Size	Material	Alloy	Finish	Weight
CR1920	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.01 lbs. each

Jaw, \varnothing 1/8"**OVERVIEW**


- ▷ Replacement jaw and washer

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioning and non-tensioning fittings

Part #	Cable Size	Material	Alloy	Finish	Weight
CR1921	\varnothing 1/8"	Stainless Steel & Brass	316L 	Satin	0.01 lbs. each

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 bezdancable.com.

ACCESSORIES | CLEANING PRODUCTS

Stainless Steel Cleaner and Protectant Kit



OVERVIEW

- ▷ Engineered to penetrate metal pores deeply, displace moisture and dissolve minor corrosion
- ▷ Leaves a clean, waxy coating with superior, long-lasting durability
- ▷ T-9 protects metals for months, including steel, cast iron, aluminum, and copper, without harming paint, plastic and vinyl
- ▷ Kit includes T9 spray-on protectant and Rust Free spray-on stain remover

Part #	Includes		Weight
T9RFSM	T9 spray - 4 oz.	Rust Free spray - 4 fl. oz.	1.00 lbs. each
T9RFLG	T9 spray - 8 oz.	Rust Free spray - 12 fl. oz.	1.83 lbs. each

Cable Cutter



OVERVIEW

- ▷ For burr-free cutting of $\varnothing 1/8"$ cable
- ▷ Shear-cut blades give clean and sharp cuts

Part #	Weight
C-CUTTER	0.74 lbs. each

Cutting Wheel



OVERVIEW

- ▷ Cut faster, freer and cooler, with less power than standard thin cut-off wheels
- ▷ Heavily reinforced for extra safety yet flexible and resilient to resist twisting and bending
- ▷ Gives a true and straight cut every time

Part #	Weight
CUTTING WHEEL	0.07 lbs. each



FIGURE 8: Fascia Mount Posts CR1750, CR1751, CR1755, CR1756, Tensioner CR1705, Non-Tensioner CR1710, Top Mount Brackets CR1790, CR1791 and Cable CR1600

Black Stainless Collection

Stylish. Unique. Ultra-Modern.

- ▶ Level and stair applications
- ▶ Indoor and outdoor use
- ▶ Engineered for structural performance

Cable Posts & Brackets

Fascia Mount Posts

- ▶ Pre-drilled for a cost-effective off-the-shelf solution
- ▶ Suitable for through-post fittings
- ▶ End and intermediate posts for level and stair applications

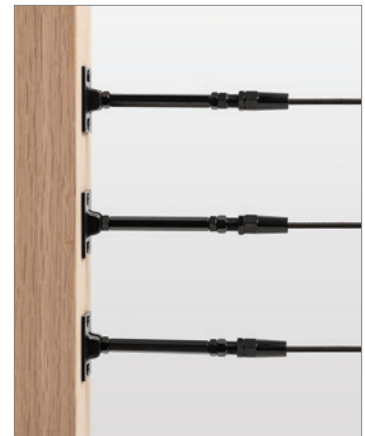
Top Mount Brackets

- ▶ Level and stair applications
- ▶ Precision fit components with extremely tight tolerances



Cable Fittings

Through-post and surface mount installation

- ▶ Suits metal or wood posts
- ▶ Level and stair applications
- ▶ Tensioning and non-tensioning components
- ▶ Quick-to-install, swageless fittings secure by hand



Metal Usage Guide

MATERIAL	INDOOR	OUTDOOR
Stainless Steel Alloy 316 	✓	✓
Stainless Steel Alloy 316L 	✓	✓

Refer to the [Metal Usage Guide: Stainless Steel and Architectural Railings](#) for more information.

CABLE POSTS & BRACKETS | FASCIA MOUNT POSTS

New Fascia Mount, Pre-Drilled for Through-Post Cable Fittings**OVERVIEW**

- ▷ Post wall thickness is 0.12" to accommodate top mount brackets
- ▷ End posts are pre-drilled for through-post cable fittings
- ▷ Intermediate posts are pre-drilled for 1/8" diameter cable
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Level and stair applications
- ▷ Hole placement designed to meet code requirements for cable spacing
- ▷ The extremely tight tolerance on the post tubing ensures a precision fit and quick-bonding with top mount brackets
- ▷ Use Bezdán approved Loctite 680 quick-bonding adhesive with fittings to expedite installation time
- ▷ [Engineering Report](#)
- ▷ Meets ASTM A554 standard

METAL USAGE





- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Top mount brackets for cable post, level and adjustable
- ▷ Tensioner
- ▷ Non-tensioner, through-post

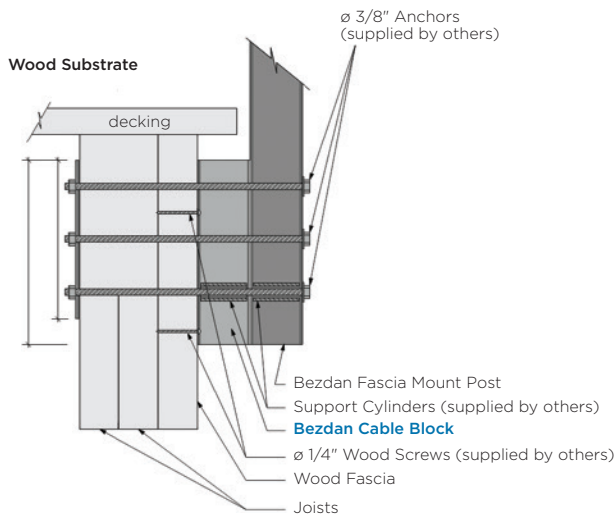
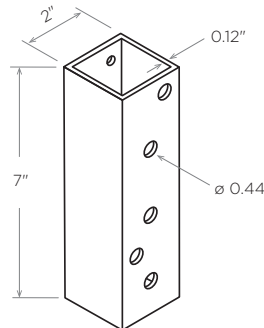
INSTALLATION

- ▷ Holes in post are drilled for \varnothing 3/8" anchors (supplied by others)
- ▷ Corner applications require the use of two end posts
- ▷ Engineered for installation on wood, steel, and concrete substrates
- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Post Configuration	Post Size	Material	Alloy	Finish	Height	Weight
CR1750	Level	End	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	49-1/2"	11.50 lbs. each
CR1751	Level	Intermediate	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	49-1/2"	11.60 lbs. each
CR1755	Stair	End	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	45-1/2"	10.35 lbs. each
CR1756	Stair	Intermediate	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	45-1/2"	10.40 lbs. each

CABLE POSTS & BRACKETS | FASCIA MOUNT POSTS

Block for Fascia Mount Post



OVERVIEW

- ▷ The block is used with fascia mount cable posts for balconies and decks with flooring or nosing overhangs
- ▷ Use with Bezdan 2" x 2" x 0.12" square stainless steel fascia mount pre-drilled posts
- ▷ Requires a 0.94" x 0.125" x 1.75" Alloy 316 stainless steel support cylinder to be installed in the bottom hole line of block and post (see diagram)
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ [Engineering Report](#)
- ▷ Meets ASTM A554 standard

METAL USAGE


- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Fascia mount cable posts
- ▷ Support cylinder in alloy 316 (supplied by others)

INSTALLATION

- ▷ Install support cylinders in the bottom hole line of the block and post. Refer to ILLUSTRATION 2
- ▷ Holes in block are drilled for $\varnothing 3/8''$ anchors (supplied by others)
- ▷ Engineered for installation on wood, steel, and concrete substrates
- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Block Size	Material	Alloy	Finish	Height	Weight
CR1799	Level or Stair	□ 2" x 0.12"	Stainless Steel	316L 	#4 Satin	7"	1.64 lbs. each

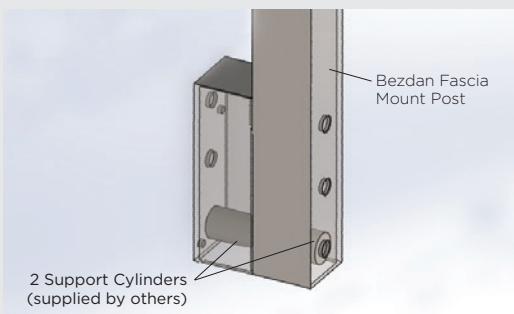


ILLUSTRATION 2

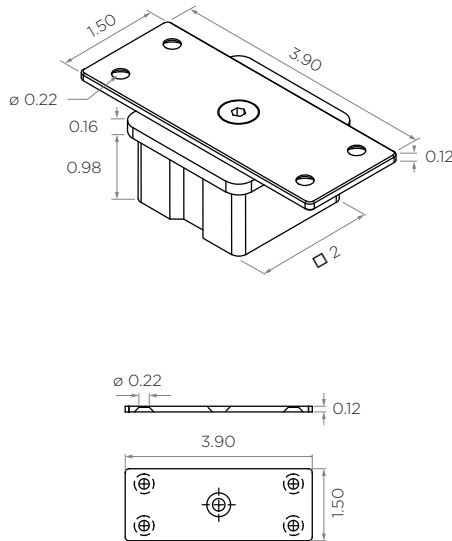
Support Cylinders Installation

- ▷ Cylinders to be stainless steel alloy 316 with cross sectional dimensions of 0.94" x 0.125" x 1.75" (supplied by others)
- ▷ Install support cylinders in the bottom hole line of the block and post

CABLE POSTS & BRACKETS | TOP MOUNT BRACKETS

New

Top Mount Bracket, Fixed, Flat Saddle



OVERVIEW

- ▷ Suits Bezdan 2" x 2" x 0.12" square stainless steel fascia mount pre-drilled posts for level applications
- ▷ Top mount bracket with ultra-low profile to create a streamlined railing
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Connection sleeve depth provides increased strength and ample surface area for adhesive application
- ▷ Use Bezdan approved Loctite 680 quick-bonding adhesive with fittings to expedite installation time
- ▷ A reservoir in the bracket sleeve accommodates any excess adhesive
- ▷ Available to suit square or rectangular handrail
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Fascia mount cable posts
- ▷ Loctite 680
- ▷ Suggested fastener:
 - Saddle to handrail, #10 flat head machine screw (supplied by others)


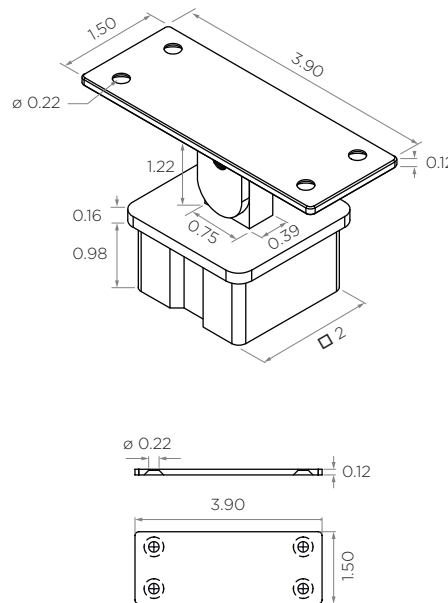
Part #	Post Type	Saddle Type	Material	Alloy	Finish	Weight
CR1790	□ 2" x 0.12"	Flat	Stainless Steel	316 	#4 Satin	0.50 lbs. each



FIGURE 9: Fascia Mount Posts CR1751, Top Mount Bracket CR1790, Tensioner CR1605 and Cable CR1600

CABLE POSTS & BRACKETS | TOP MOUNT BRACKETS

New Top Mount Bracket, Adjustable, Flat Saddle



OVERVIEW


- ▷ Suits Bezdan 2" x 2" x 0.12" square stainless steel fascia mount pre-drilled posts for stair applications
- ▷ Top mount bracket with ultra-low profile to create a streamlined railing
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Connection sleeve depth provides increased strength and ample surface area for adhesive application
- ▷ Use Bezdan approved Loctite 680 quick-bonding adhesive with fittings to expedite installation time
- ▷ A reservoir in the bracket sleeve accommodates any excess adhesive
- ▷ Available to suit square or rectangular handrail
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Fascia mount cable posts
- ▷ Loctite 680
- ▷ Suggested fastener:
 - Saddle to handrail, #10 flat head machine screw (supplied by others)

Part #	Post Type	Saddle Type	Material	Alloy	Finish	Weight
CR1791	□ 2" x 0.12"	Flat	Stainless Steel	316 	#4 Satin	0.65 lbs. each



Your Trusted Source for Cable Railing

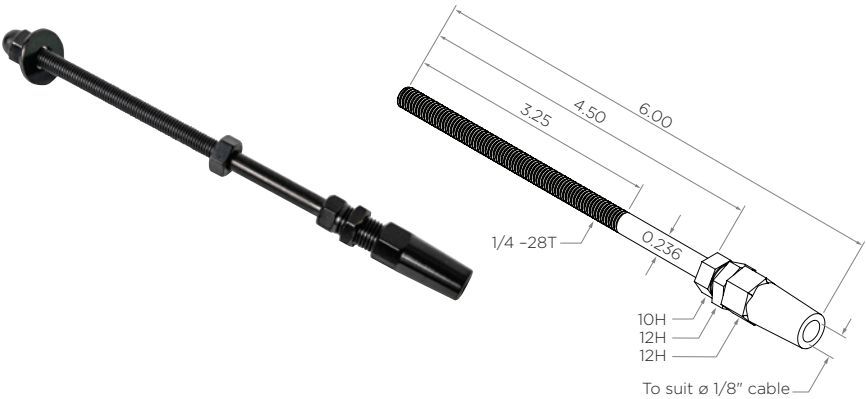
With over a decade of experience in cable railing, our knowledgeable customer service team is here to help with product recommendations and quoting for your specific needs.

Get a Quote: geobezdan.com/quote-request



CABLE FITTINGS | THROUGH-POST

 Tensioner, \varnothing 1/8"



OVERVIEW

- ▷ Suits 2" x 2" x 0.12" stainless steel post for level and stair applications
- ▷ Suits 4" x 4" nominal wood post for level applications
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Swageless tensioning component
- ▷ For stair applications use with beveled washer
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 45 ft when paired with another tensioner
- ▷ Supplied with acorn nut for a finished look
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE


- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Non-tensioner stud
- ▷ Square post, fascia mount, pre-drilled for through-post

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1705	Level, Tensioner, Metal & Wood Post Stair, Tensioner, Metal Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.13 lbs. each



Quality, Safety and Performance

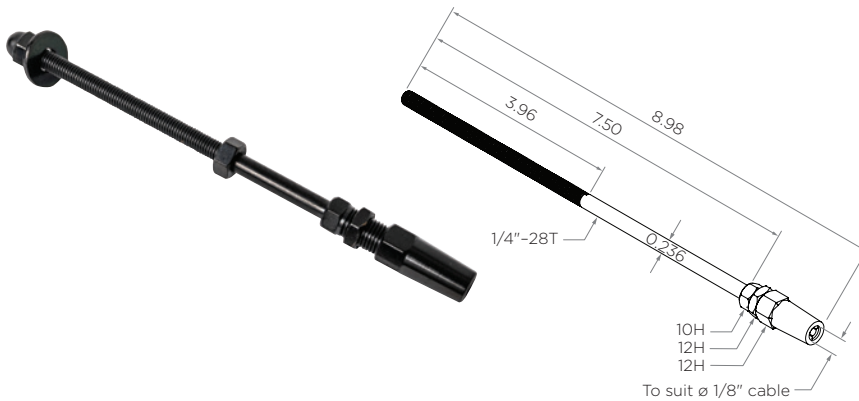
Quick-to-install, swageless fittings.

- ▶ Alloy 316L for maximum corrosion resistance
- ▶ CNC machined for precision craftsmanship
- ▶ Electro-polished and beautiful satin finish
- ▶ Posts & fittings engineered to meet NBC

BEZDAN

CABLE FITTINGS | THROUGH-POST

New Tensioner, \varnothing 1/8"



OVERVIEW

- ▷ Suits 4" x 4" nominal wood post for stair applications
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Swageless tensioning component
- ▷ For stair applications use with beveled washer
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 45 ft when paired with another tensioner
- ▷ Supplied with acorn nut for a finished look
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Non-tensioner lag

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1720	Stair, Tensioner, Wood Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.25 lbs. each

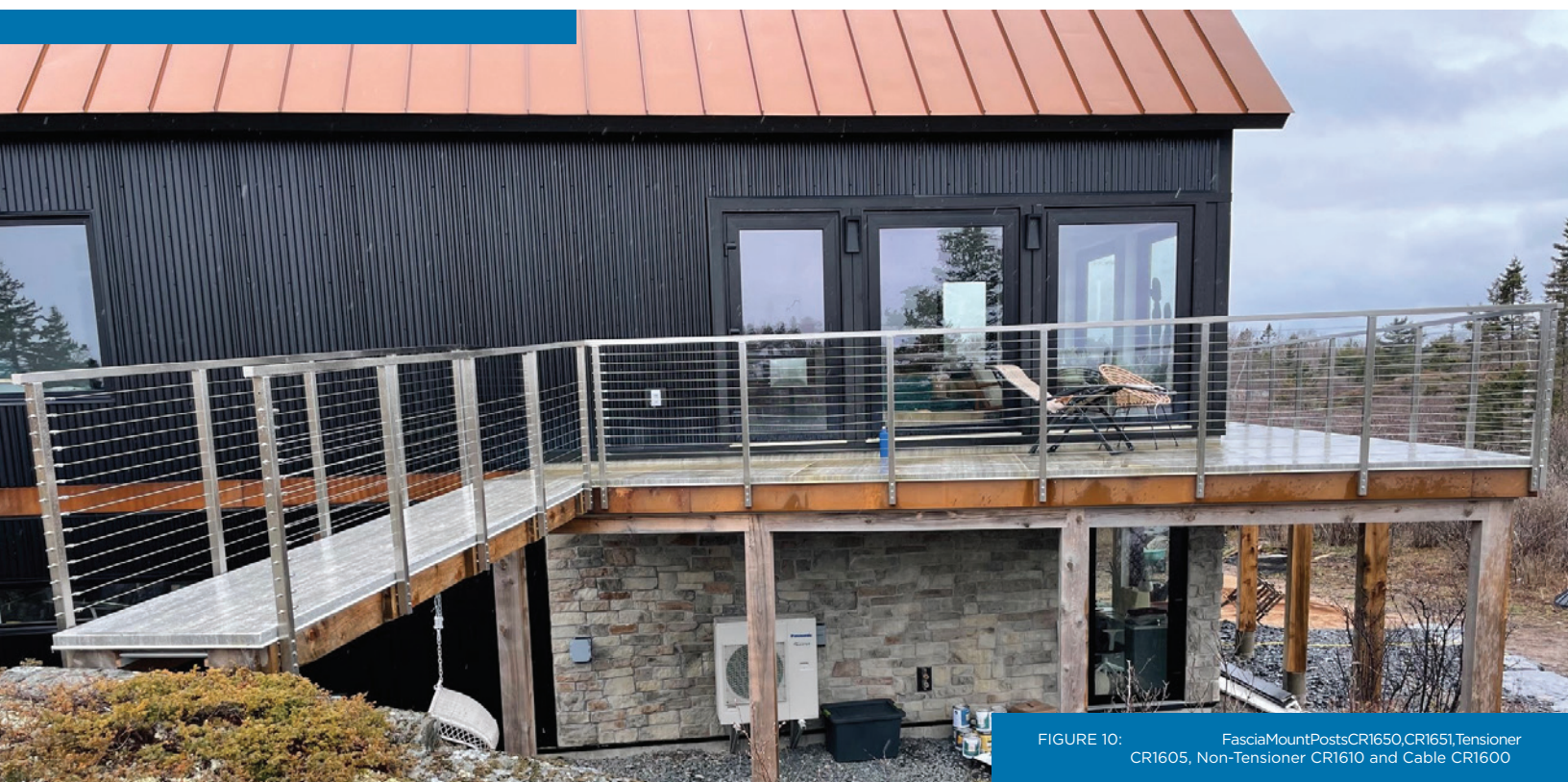


FIGURE 10: FasciaMountPostsCR1650,CR1651,Tensioner CR1605, Non-Tensioner CR1610 and Cable CR1600

CABLE FITTINGS | THROUGH-POST

New Non-Tensioner Stud, \varnothing 1/8"



OVERVIEW

- ▷ Suits 2" x 2" x 0.12" stainless steel post for level applications
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Swageless non-tensioning component
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 25 ft (**must be paired with a tensioning fitting**)
- ▷ Supplied with acorn nut for a finished look
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE


- ▷ 316L indoor/outdoor use

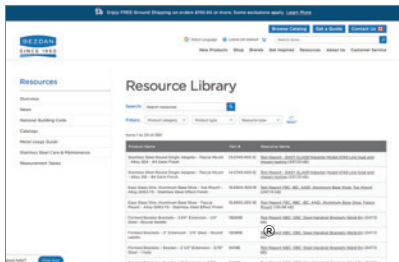
RELATED PRODUCTS

- ▷ Tensioner
- ▷ Fascia mount cable posts, level

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1710	Level, Non-Tensioner, Metal Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.11 lbs. each



New Resource Library

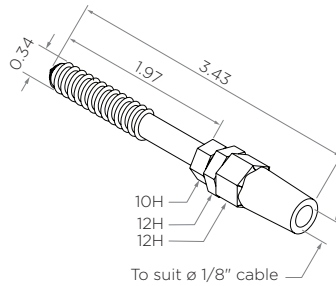
Visit the Resource Library to quickly and easily find test and engineering reports for our Bezdán Cable products.

Check out geobezdan.com/resource-library/



CABLE FITTINGS | SURFACE MOUNT

New Non-Tensioner Lag, \varnothing 1/8"



OVERVIEW

- ▷ Suits 4" x 4" nominal wood post for level applications
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Swageless non-tensioning component
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 25 ft (**must be paired with a tensioning fitting**)
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioner

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

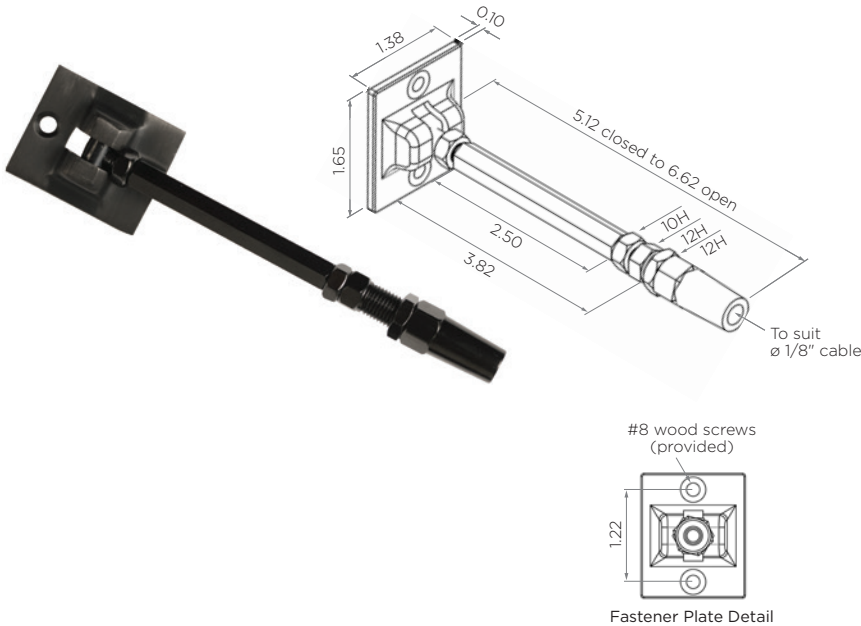
Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1715	Level, Non-Tensioner, Wood Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.08 lbs. each



FIGURE 11: Fascia Mount Post CR1750, Non-Tensioner CR1710 and Cable CR1700

CABLE FITTINGS | SURFACE MOUNT

 Tensioner, \varnothing 1/8"



OVERVIEW

- ▷ Suits metal or 4" x 4" nominal wood post for level and stair applications
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Swageless tensioning component
- ▷ Fittings can achieve angles up to 180°
- ▷ Use with stainless steel cable, 1x19 L.H. lay, \varnothing 1/8"
- ▷ Suits runs up to 45 ft when paired with another tensioner
- ▷ Supplied with two #8, alloy 316 stainless steel wood screws
- ▷ Screws for metal post not included
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Non-tensioner

INSTALLATION

- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

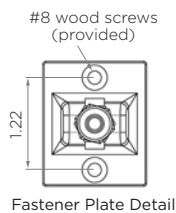
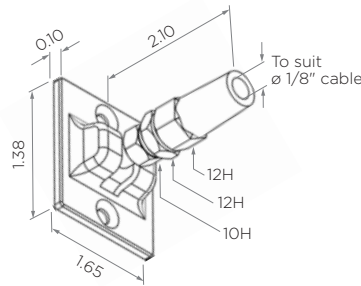
Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1730	Level & Stair, Tensioner, Metal & Wood Post	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.13 lbs. each



FIGURE 12: Tensioner CR1730 and Cable CR1700

CABLE FITTINGS | SURFACE MOUNT

New Non-Tensioner, $\varnothing 1/8"$



OVERVIEW

- ▷ For metal or wood posts
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Swageless non-tensioning component
- ▷ Level and stair applications
- ▷ Fittings can achieve angles up to 150°
- ▷ Use with stainless steel cable, 1x19 L.H. lay, $\varnothing 1/8"$
- ▷ Suits runs up to 25 ft (**must be paired with a tensioning fitting**)
- ▷ Supplied with two #8, alloy 316 stainless steel wood screws
- ▷ Screws for metal post not included
- ▷ [Test Report](#)
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioner

INSTALLATION

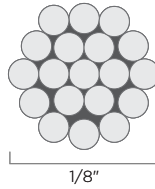
- ▷ Refer to the Downloads section on the [product page](#) for installation instructions

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
CR1735	Level & Stair, Non-Tensioner, Metal & Wood Post	$\varnothing 1/8"$	Stainless Steel	316L 	Satin	0.13 lbs. each

Black Stainless (PVD) Cleaning and Care

Clean PVD using a soft cloth or damp sponge with mild soap and water, then buff dry to avoid water deposits. Do not use cleaners containing ammonia, bleach or acid or caustic agents. Avoid abrasive cleaners and brushes.

ACCESSORIES | CABLE & REPLACEMENT PARTS

New Black Oxide, Stainless Steel Cable, 1x19 L.H. Lay, \varnothing 1/8"**OVERVIEW**

- ▷ \varnothing 1/8" cable with 1x19 left hand lay

METAL USAGE




- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

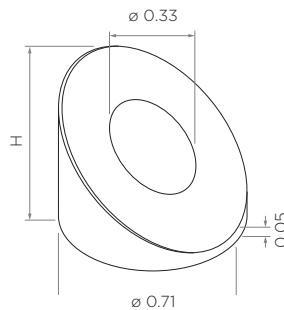
- ▷ Tensioning and non-tensioning fittings

INSTALLATION

- ▷ Special handling and care required to preserve the appearance and integrity of the cable railing installation. Refer to the [full disclaimer](#).

Part #	Cable	Length	Material	Alloy	Finish	Weight
◆ CR1700-25	1/8"	25'	Stainless Steel	316 	Polished	1.00 lbs. each
◆ CR1700-100	1/8"	100'	Stainless Steel	316 	Polished	3.50 lbs. each
◆ CR1700-500	1/8"	500'	Stainless Steel	316 	Polished	20.50 lbs. each




◆ Products are available on special order. Contact your Sales Representative for more information.

New Beveled Washer**OVERVIEW**

- ▷ Available to suit multiple angles
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Use to ensure proper installation of through-post tensioner at an angle
- ▷ Meets AISI steel grade designation

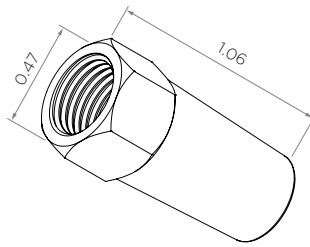
METAL USAGE

- ▷ 316L indoor/outdoor use

Part #	Application	Height (H)	Material	Alloy	Finish	Weight
CR1980	37.33°	0.57"	Stainless Steel	316L 	Satin	0.03 lbs. each
CR1981	40.27°	0.64"	Stainless Steel	316L 	Satin	0.03 lbs. each
CR1982	41.42°	0.67"	Stainless Steel	316L 	Satin	0.03 lbs. each

ACCESSORIES | POST PROTECTOR & WEDGE

New Cone, \varnothing 1/8"



OVERVIEW

- ▷ Replacement receiver cone
- ▷ Black stainless steel offers a beautiful, durable, chip-free satin finish that is scratch resistant
- ▷ Meets AISI steel grade designation

METAL USAGE

- ▷ 316L indoor/outdoor use

RELATED PRODUCTS

- ▷ Tensioning and non-tensioning fittings

Part #	Cable Size	Material	Alloy	Finish	Weight
CR1990	\varnothing 1/8"	Stainless Steel	316L 	Satin	0.01 lbs. each

Stainless Steel Cleaner and Protectant Kit



OVERVIEW

- ▷ Engineered to penetrate metal pores deeply, displace moisture and dissolve minor corrosion
- ▷ Leaves a clean, waxy coating with superior, long-lasting durability
- ▷ T-9 protects metals for months, including steel, cast iron, aluminum, and copper, without harming paint, plastic and vinyl
- ▷ Kit includes T-9 spray-on protectant and Rust Free spray-on stain remover

Part #	Includes		Weight
T9RFSM	T9 spray - 4 oz.	Rust Free spray - 4 fl. oz.	1.00 lbs. each
T9RFLG	T9 spray - 8 oz.	Rust Free spray - 12 fl. oz.	1.83 lbs. each

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 bezdancable.com.



RailFX®

formerly ULTRA-TEC®

CABLE RAILING WITH INVISIWARE®

RailFX® offers a comprehensive choice of cable railing infill featuring nearly invisible components that give the illusion of seamless, continuous cable for metal, wood, and concrete frameworks.

Metal Post Applications

Combine metal posts with cable infill for contemporary railings.

- ▶ Suits pipe or round and square tubing
- ▶ Level and angled applications
- ▶ Through-post and surface mount installations

Wood Post Applications

Combine the warmth of wood with cable infill for modern railings.

- ▶ Suits 4"x4" nominal post
- ▶ Level and angled applications
- ▶ Through-post and surface mount installations

Concrete Applications

Connect cable infill to concrete for a simple, clean railing.

- ▶ Suits frameworks with concrete surfaces
- ▶ Level applications
- ▶ Surface mount installation



FIGURE 13: RailFX® 232 Series Kit for Metal Post 23220

Metal Post Applications

Contemporary Form and Industrial Flair

- ▶ Suits pipe or round and square tubing
- ▶ Level and angled applications
- ▶ For indoor and outdoor use
- ▶ Through-post and surface mount fittings

Standard Cable Kits and À La Carte Components

Save time and money with standard cable kits or à la carte components that enable cable to be installed at the same time as the railing framework. There is no need to provide exact measurements for cable to be cut and swaged or for costly swaging equipment.

Standard Cable Kits in $\varnothing 1/8"$ and $\varnothing 3/16"$ Cable Size

Everything Required to Install a Single Run of Cable

- ▶ Includes cable, tensioning and non-tensioning fittings, and washers
- ▶ Install cable by hand with pre-attached swaging stud and a swageless end fitting
- ▶ Cable end with no fitting can be easily fed through intermediate and end posts
- ▶ Cable available in increments of 5 ft from 5 ft – 30 ft and 40 ft and 50 ft lengths
- ▶ Installation instructions included




À La Carte Components in $\varnothing 1/8"$ and $\varnothing 3/16"$ Cable Size

Individual Components for Ultimate Flexibility

- ▶ Save valuable installation time by measuring and cutting cable on site
- ▶ Tensioning and non-tensioning fittings sold individually
- ▶ Install cable by hand with completely swageless end fittings
- ▶ Cable available in 25 ft, 100 ft and 500 ft lengths to accommodate multiple or larger projects
- ▶ Installation instructions included



Metal Usage Guide

MATERIAL	INDOOR	OUTDOOR
Stainless Steel Alloy 316 	✓	✓
Stainless Steel Alloy 17-4 	✓	✓
Brass 	✓	✓



10-Year Limited Warranty
bezdanrailfx.com

METAL POST APPLICATIONS | THROUGH-POST

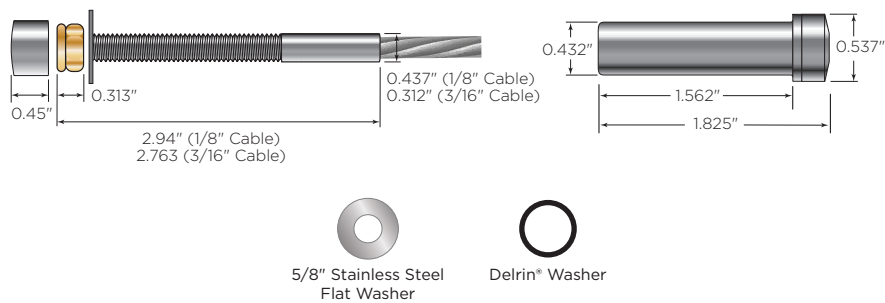
102 Series Kits, \varnothing 1/8" and \varnothing 3/16" Cable



Pre-Attached Threaded Swaging Stud and Cable

Pull-Lock® shown with Delrin Washer

Locknut and Stainless Steel Washer and Cap



OVERVIEW

- ▷ Suits 2" round or square post
- ▷ Level and angled applications
- ▷ Suits runs up to 50 ft
- ▷ Kit includes:
 - Cable, 1x19 L.H. lay
 - Tensioner: Pre-attached threaded swaging stud
 - Non-tensioner: Pull-lock swageless fitting
 - Brass locknut
 - 5/8" stainless steel flat washer
 - Delrin washer
 - Stainless steel cap
 - Stud bushing

METAL USAGE

- ▷ 316 indoor/outdoor use
- ▷ Brass indoor/outdoor use

RELATED PRODUCTS

- ▷ Cable release key
- ▷ Cable clip
- ▷ Stainless steel cap (optional)
- ▷ Cable cutter
- ▷ Cleaner and protectant

INSTALLATION

- ▷ Refer to and ILLUSTRATION 4

















Part #	Cable Length	Cable Size	Material	Alloy	Finish	Weight
10205-M	5'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.32 lbs. each
10205-6-M	5'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.32 lbs. each
10210-M	10'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.49 lbs. each
10210-6-M	10'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.49 lbs. each
10215-M	15'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.67 lbs. each
10215-6-M	15'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.67 lbs. each
10220-M	20'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.84 lbs. each
10220-6-M	20'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.84 lbs. each
10225-M	25'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.02 lbs. each
10225-6-M	25'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.02 lbs. each
10230-M	30'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.19 lbs. each
10230-6-M	30'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.19 lbs. each
10240-M	40'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.54 lbs. each
10240-6-M	40'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.54 lbs. each
10250-M	50'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.89 lbs. each
10250-6-M	50'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.89 lbs. each



FIGURE 14: RailFX® Through-Post Components for Metal Posts



ILLUSTRATION 3

Level Runs and Runs with One corner

- ▷ Requires a dedicated end post for each run
- ▷ A double post corner configuration is required to create a 90° corner with two 45° bends
- ▷ There must be at least 3-1/2" of space behind the terminating post to allow access to install the fittings
- ▷ Corner bend does not exceed 45° at any one time

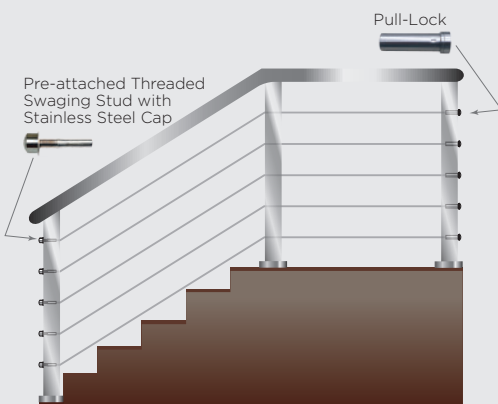


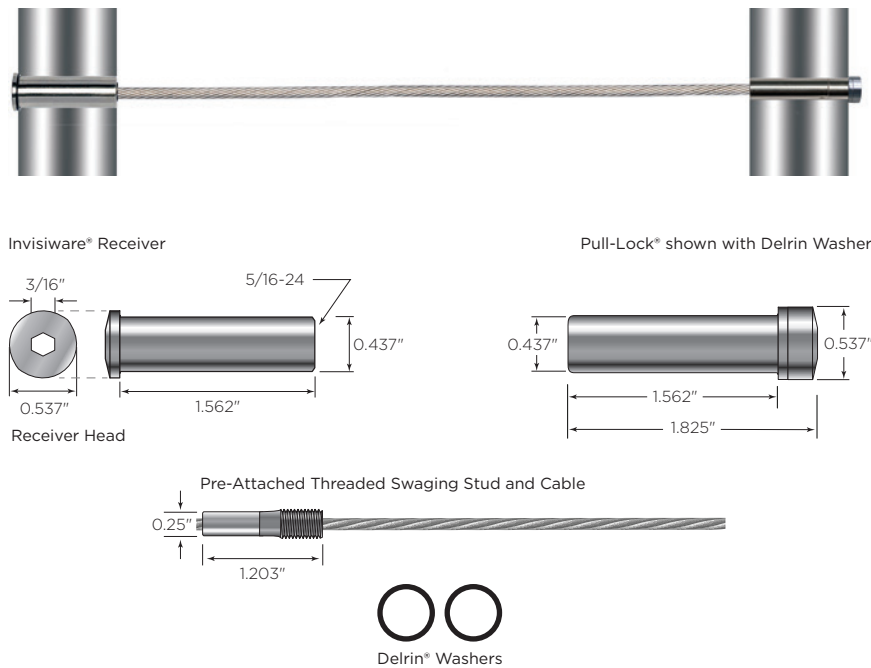
ILLUSTRATION 4

Angled Runs

- ▷ Refer to illustration
- ▷ Stainless steel cap (sold separately)

METAL POST APPLICATIONS | THROUGH-POST

212 Series Kits, ø 1/8" Cable



OVERVIEW

- ▷ Suits 1-1/2" round or square post
- ▷ Level applications
- ▷ Suits runs up to 25 ft
- ▷ Kit includes:
 - ø 1/8" cable, 1x19 L.H. lay
 - Tensioner: Invisiware receiver + pre-attached threaded swaging stud
 - Non-tensioner: Pull-lock swageless fitting
 - Delrin washers (2)

METAL USAGE






- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Cable release key
- ▷ Cable clip
- ▷ Bezdan Stainless ø 1-1/2" posts
- ▷ Cable cutter
- ▷ Cleaner and protectant

INSTALLATION

- ▷ Refer to ILLUSTRATION 5

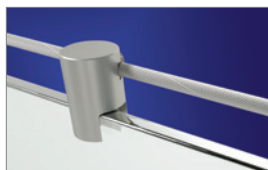
Part #	Cable Length	Cable Size	Material	Alloy	Finish	Weight
21205	5'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.30 lbs. each
21210	10'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.48 lbs. each
21215	15'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.65 lbs. each
21220	20'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.83 lbs. each
21225	25'	ø 1/8"	Stainless Steel	316 	#4 Satin	1.00 lbs. each



Round Posts

Combine stainless steel ø 1-1/2" posts with cable railing to create elegant railings with industrial flare.

- ▶ Round Post | Bezdan Stainless



Cable Clip

Use the cable clip for tempered glass or resin panel infill.

- ▶ Part #CC-1.8-SN | RailFX® page 40



FIGURE 15: RailFX® 212 Series Kit and 232 Series Kit for Metal Post 21220 and 23205

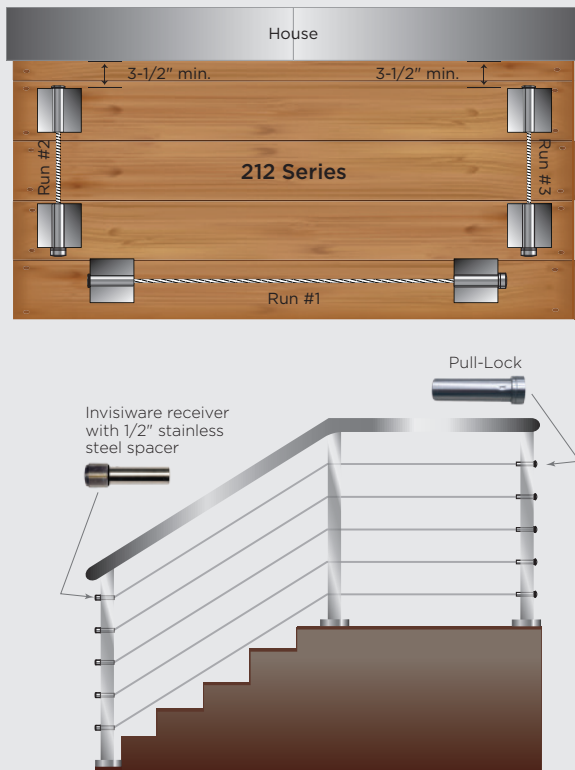


ILLUSTRATION 5 Level Runs

- ▷ Requires a dedicated end post for each run
- ▷ There must be at least 3-1/2" of space behind the terminating post to allow access to install the fittings

Angled Runs

- ▷ For 1-1/2" posts on angled runs, use the 232 Series with a 1/2" stainless steel spacer
- ▷ 232 Series | RailFX® page 8
- ▷ Stainless Steel Spacer | RailFX® page 36

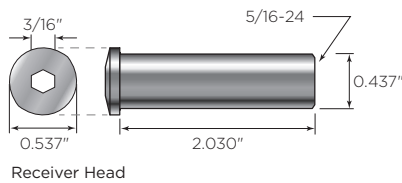
METAL POST APPLICATIONS | THROUGH-POST

232 Series Kits, ø 1/8" Cable

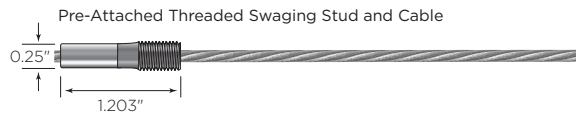
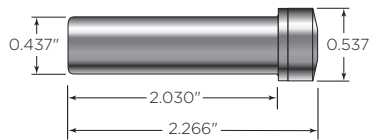


Invisiware® Receiver

Pull-Lock® shown with Delrin Washer



Receiver Head



Delrin® Washers

OVERVIEW

- ▷ Suits 2" round or square post
- ▷ Level and angled applications
- ▷ Suits runs up to 25 ft
- ▷ Kit includes:
 - ø 1/8" cable, 1x19 L.H. lay
 - Tensioner: Invisiware receiver + pre-attached threaded swaging stud
 - Non-tensioner: Pull-lock swageless fitting
 - Delrin washers (2)

METAL USAGE






- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Cable release key
- ▷ Stainless steel spacer
- ▷ Cable clip
- ▷ Cable cutter
- ▷ Cleaner and protectant

INSTALLATION

- ▷ Refer to ILLUSTRATION 6

Part #	Cable Length	Cable Size	Material	Alloy	Finish	Weight
23205	5'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.33 lbs. each
23210	10'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.50 lbs. each
23215	15'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.68 lbs. each
23220	20'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.84 lbs. each
23225	25'	ø 1/8"	Stainless Steel	316 	#4 Satin	1.01 lbs. each

Stainless Steel Spacer



For 1-1/2" posts on angled runs, use the 232 series with a 1/2" stainless steel spacer to properly achieve necessary tension and fit.

- ▶ Stainless Steel Spacer | RailFX® page 36



Cable Clip

Use the cable clip for tempered glass or resin panel infill.

- ▶ Part #CC-1.8-SN | RailFX® page 40



FIGURE 16: RailFX® 232 Series Kit for Metal Post 23220



ILLUSTRATION 6

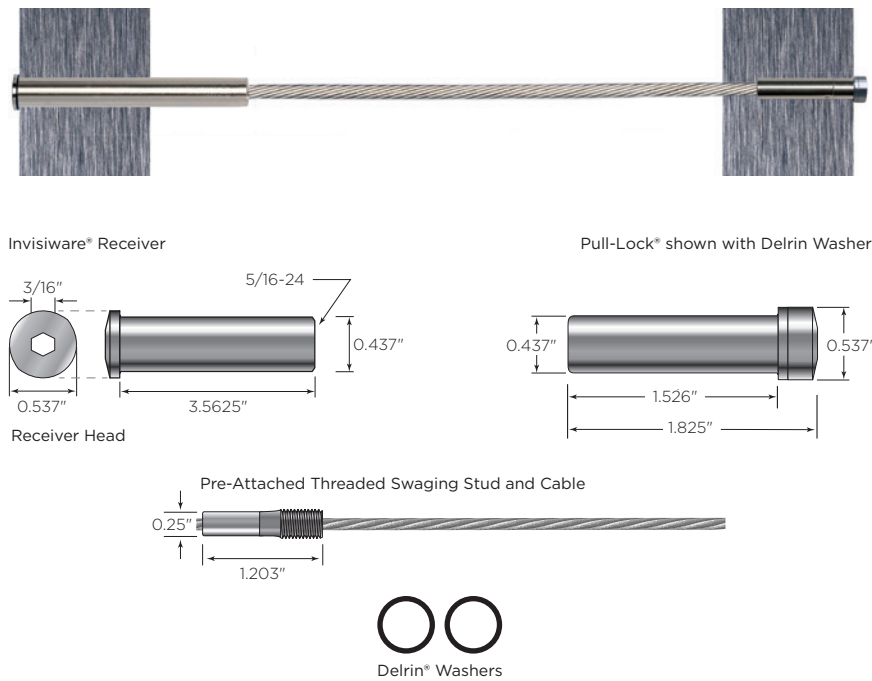
Level Runs

- ▶ Requires a dedicated end post for each run
- ▶ There must be at least 3-1/2" of space behind the terminating post to allow access to install the fittings

Long Runs with One Corner

- ▶ For long cable runs that extend 25' or need to accommodate a corner, use the 262 Series.
- ▶ 262 Series | RailFX® page 10

METAL POST APPLICATIONS | THROUGH-POST

262 Series Kits, \varnothing 1/8" Cable

OVERVIEW

- ▷ Suits 2" round or square post
- ▷ Level and angled applications
- ▷ Suits runs up to 50 ft
- ▷ Can accommodate a level run with one corner
- ▷ Kit includes:
 - \varnothing 1/8" cable, 1x19 L.H. lay
 - Tensioner: Invisiware receiver + pre-attached threaded swaging stud
 - Non-tensioner: Pull-lock swageless fitting
 - Delrin washers (2)

METAL USAGE


- ▷ 316 indoor/outdoor use

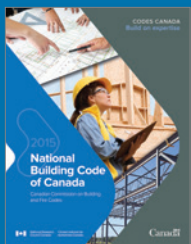
RELATED PRODUCTS

- ▷ Cable release key
- ▷ Cable cutter
- ▷ Cleaner and protectant

INSTALLATION

- ▷ Refer to ILLUSTRATION 7

Part #	Cable Length	Cable Size	Material	Alloy	Finish	Weight
26205-M	5'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.37 lbs. each
26210-M	10'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.55 lbs. each
26215-M	15'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.72 lbs. each
26220-M	20'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.89 lbs. each
26225-M	25'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.07 lbs. each
26230-M	30'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.24 lbs. each
26240-M	40'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.59 lbs. each
26250-M	50'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.94 lbs. each



Consult Local Building Authorities

This product information is not intended for use as a recommendation for using or installing cable rail. It is the customer's responsibility to ensure compliance with local, provincial or national building codes. Always consult with your local building department before starting your project. See the 2015 National Building Code under the "Resources" tab or visit geobezdan.com/nbc

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FIGURE 17: RailFX® 262 Series Kit for Metal Post 26230

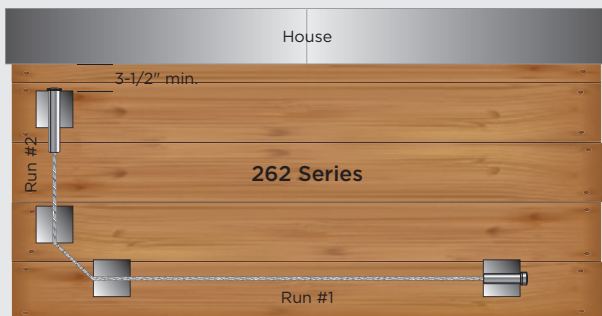


ILLUSTRATION 7

Level Run with One Corner

- ▷ Requires a dedicated end post for each run
- ▷ A double post corner configuration is required to create a 90° corner with two 45° bends
- ▷ There must be at least 3-1/2" of space behind the terminating post to allow access to install the fittings
- ▷ When used with a 2" post there will be a minimum of 1-1/2" of the receiver exposed

Level Runs with Two Corners

- ▷ For cable runs that need to accommodate two corners, use the 272 Series, available by special order. Please contact your Sales Representative for information

METAL POST APPLICATIONS | THROUGH-POST

Swageless Stud, ø 1/8" Cable



OVERVIEW

- ▷ Three-part fitting includes stud, collet and set screw
- ▷ Level and angled applications
- ▷ Pair with Invisiware receiver to form tensioning end of cable run

METAL USAGE

- ▷ Stud and screw: 316 indoor/outdoor use
- ▷ Collet: 17-4 indoor/outdoor use

RELATED PRODUCTS

- ▷ Invisiware receiver
- ▷ ø 1/8" cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Torx socket + 1/4" flare wrench
- ▷ Cleaner and protectant

INSTALLATION

- ▷ Insert cable into stud and hand tighten with supplied set screw
- ▷ A collet inside the stud attaches to the cable, similar to a Push-lock component
- ▷ The collet exerts a strong clamping force on the cable during tightening

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
SSA-4	Level and Angled, Tensioner Component	ø 1/8"	Stainless Steel	316 🔵, 17-4 🔵	#4 Satin	0.019 lbs. each



Swageless Stud

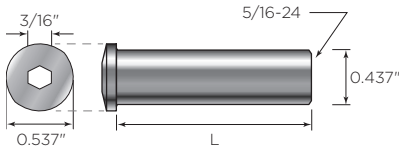
Save installation time and labor costs. The new swageless stud works with the Invisiware receiver and is an innovative through-post tensioning solution.

- ▶ A swageless, through-post solution
- ▶ Installs by hand on site
- ▶ No special equipment required



METAL POST APPLICATIONS | THROUGH-POST

Invisiware® Receiver, ø 1/8" Cable



OVERVIEW

- ▷ Available to suit 1-1/2" and 2" post
- ▷ Level and angled applications
- ▷ Compatible only with swageless stud part # SSA-4
- ▷ Pair with swageless stud to form tensioning end of cable run

METAL USAGE

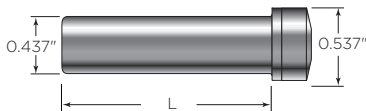
- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Swageless stud
- ▷ Pull-lock
- ▷ Cleaner and protectant
- ▷ Delrin washer
- ▷ Stainless steel spacer

Part #	Application	Post Type	Cable Size	Length (L)	Material	Alloy	Finish	Weight
R-4-12	Level, Tensioner Component	1-1/2"	ø 1/8"	1.560"	Stainless Steel	316	#4 Satin	0.028 lbs. each
R-4-32	Level and Angled, Tensioner Component	2"	ø 1/8"	2.030"	Stainless Steel	316	#4 Satin	0.034 lbs. each

Pull-Lock®, ø 1/8" Cable



OVERVIEW

- ▷ Available to suit 1-1/2" and 2" post
- ▷ Swageless non-tensioning component
- ▷ Level and angled applications
- ▷ Use with ø 1/8" cable, 1x19 L.H. lay
- ▷ Supplied with cap for a clean finished look

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Swageless stud
- ▷ Stainless steel spacer
- ▷ Delrin washer
- ▷ Cable release key
- ▷ ø 1/8" cable, 1x19 L.H. lay

Part #	Application	Post Type	Cable Size	Length (L)	Material	Alloy	Finish	Weight
PUL-4-12	Level, Non-Tensioner	1-1/2"	ø 1/8"	1.562"	Stainless Steel	316	#4 Satin	0.054 lbs. each
PUL-4-2.030	Level and Angled, Non-Tensioner	2"	ø 1/8"	2.030"	Stainless Steel	316	#4 Satin	0.060 lbs. each



Easy as 1-2-3

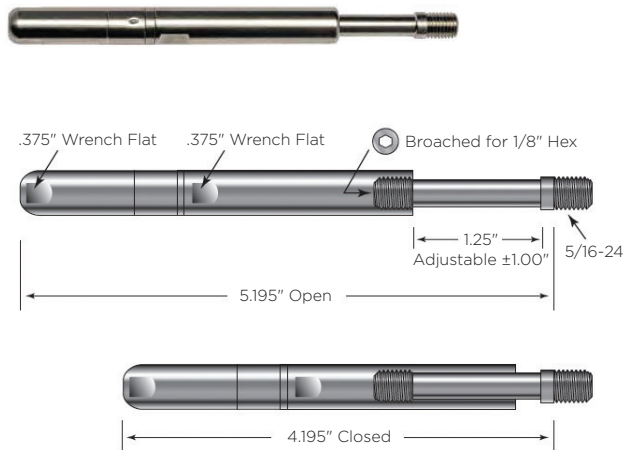
Pull-Lock® components can be used with any tensioning device on the opposing end.

- ▶ Simply pull the cable through the component
- ▶ Tension cable and cut excess on the back end
- ▶ Press on cap to cover bare cable end



METAL POST APPLICATIONS | SURFACE MOUNT

Push-Lock® Tensioner with Threaded Bolt, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW



- ▷ Suits post and flat bar
- ▷ Swageless tensioning component
- ▷ Level applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion
- ▷ Two-part tensioner: adjustable $\pm 1.00"$ to allow for sufficient take-up

METAL USAGE

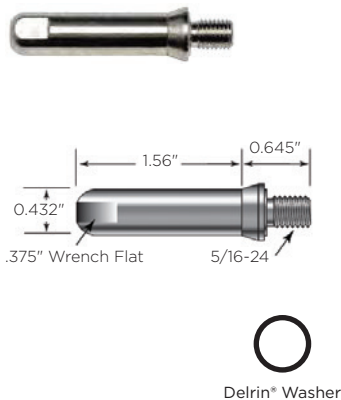
- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Push-lock threaded bolt
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-SFC-MS-4	Level, Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.175 lbs. each
PL-SFC-MS-6	Level, Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.100 lbs. each

Push-Lock® Threaded Bolt, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW



- ▷ Suits post and flat bar
- ▷ Swageless non-tensioning component
- ▷ Level applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion
- ▷ Delrin washer included

METAL USAGE

- ▷ 316 indoor/outdoor use

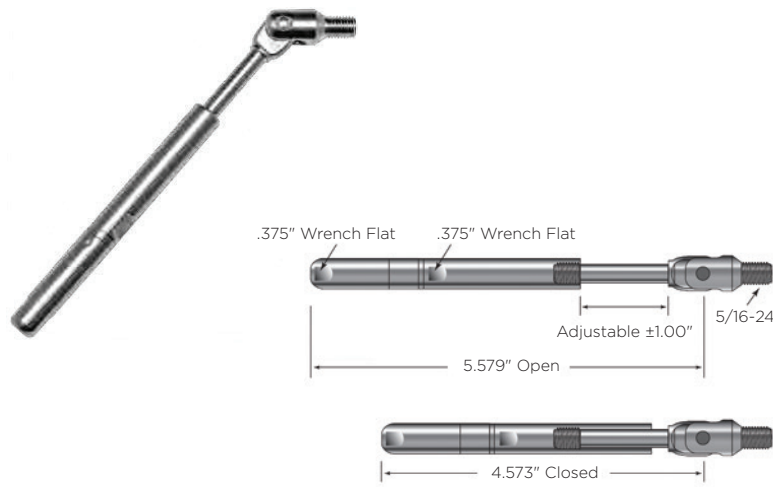
RELATED PRODUCTS

- ▷ Push-lock tensioner with threaded bolt
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-FM-MS-4	Level, Non-tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.059 lbs. each
PL-FM-MS-6	Level, Non-Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.058 lbs. each

METAL POST APPLICATIONS | SURFACE MOUNT

Push-Lock® Tensioner with Threaded Clevis, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW



- ▷ Suits post and flat bar
- ▷ Swageless tensioning component
- ▷ Angled applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion
- ▷ Two-part tensioner: adjustable $\pm 1.00"$ to allow for sufficient take-up

METAL USAGE

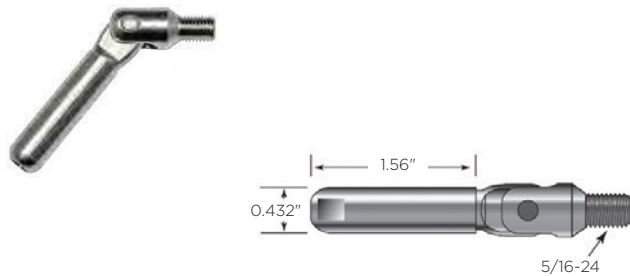
- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Push-lock threaded clevis
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-SFC-MP-4	Angled, Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.132 lbs. each
PL-SFC-MP-6	Angled, Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.100 lbs. each

Push-Lock® Threaded Clevis, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW



- ▷ Suits post and flat bar
- ▷ Swageless non-tensioning component
- ▷ Angled applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion

METAL USAGE

- ▷ 316 indoor/outdoor use

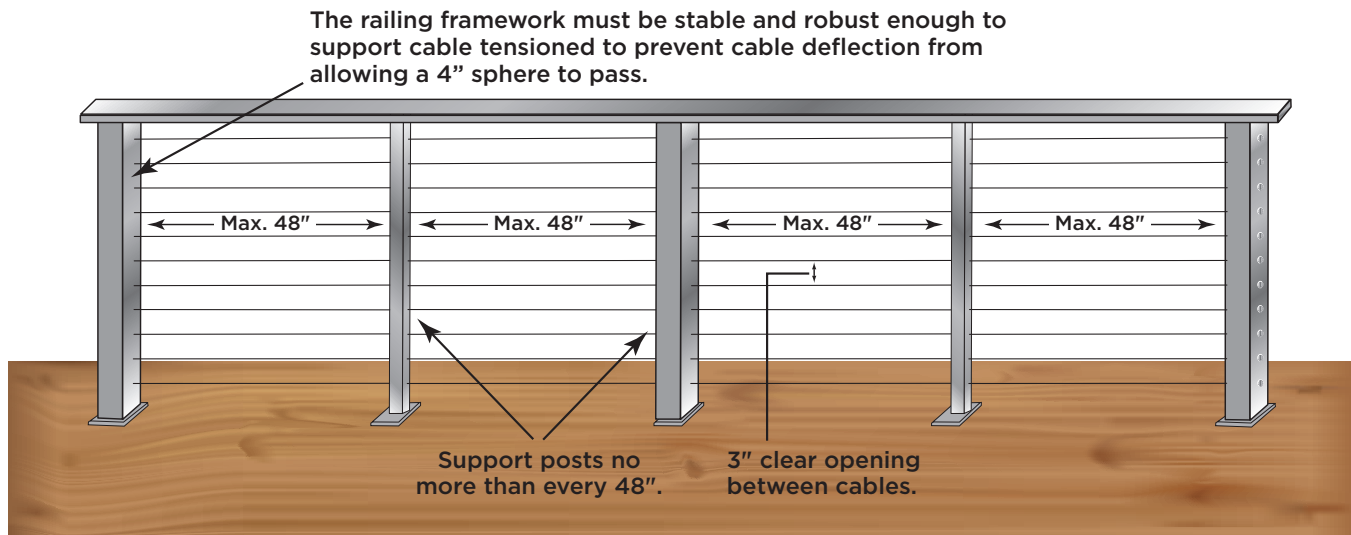
RELATED PRODUCTS

- ▷ Push-lock tensioner with threaded clevis
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-CL-RP-4	Angled, Non-Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.092 lbs. each
PL-CL-RP-6	Angled, Non-Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.090 lbs. each

METAL POST APPLICATIONS | ALL CONFIGURATIONS

Installation Guide



End Posts

Since hundreds of pounds of tension are being applied to end posts using cable railing, posts must be strong enough to support the tension. Please carefully review the requirements outlined on this page to ensure your installation provides appropriate support. For more detailed technical information regarding framework for cable rail installations go to bezdanrailfx.com.

- ▶ Stainless steel alloy 316 posts are strongly recommended for exterior applications
- ▶ The railing framework must be stable and robust enough to support cable tensioned to prevent cable deflection from allowing a 4" sphere to pass
- ▶ Must be securely mounted to the deck to prevent the post from coming loose when cables are tensioned
- ▶ The 212 Series and the 232 Series (for angled applications) have been tested for use with Bezdan's stainless steel \varnothing 1-1/2" posts. Test results available upon request.
- ▶ The 102, 232 and 262 Series metal post kits are designed for use with 2" square tube
- ▶ Wall thickness of end posts to be a minimum 1/4" to handle the load when the cables are tensioned while intermediate posts can be 1/8"

Intermediate Posts

The cable should be supported in some manner no less than every 48" along its run to keep the cable rungs from spreading.

Intermediate posts, other than those that are structurally necessary, can be a thin metal cable brace with holes for the cables to pass through (see illustration above). A typical cable brace is 1/4" thick by 1" wide made of steel (to be painted) or stainless steel. Intermediate posts are available on special order (see page 38).

Post for Intersecting Runs

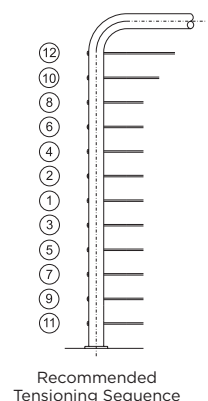
A desirable look, unique to RailFX®, is the ability to combine a through-post and surface mount fitting in a single corner post on the same plane. This feature achieves a 90° corner and the look of continuous cable. If a through-post installation is used the runs need to be offset and may appear unbalanced.

Top and Bottom Rail

Must be sufficient in strength for structural integrity. A bottom rail is not required but does help distribute the force away from the lower portion of the post. If using aluminum, the end posts should be reinforced. A bottom rail to prevent bowing is recommended.

Completing the Cable Railing

Cable railing requires 11 - 13 rows of cable depending on post height and railing framework. A 3" spacing between rows is recommended to comply with code requirements. All runs of cable and end fittings are installed before tensioning. Follow the recommended tensioning sequence to ensure proper installation and achieve optimal results.



Recommended
Tensioning Sequence



FIGURE 18: RailFX® 232 Series Kit for Metal Post 23220



Consult Local Building Authorities

This product information is not intended for use as a recommendation for using or installing cable rail. It is the customer's responsibility to ensure compliance with local, provincial or national building codes. Always consult with your local building department before starting your project. See the 2015 National Building Code under the "Resources" tab or visit geobezdan.com/nbc

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FIGURE 19: RailFX® 262 Series Kit for Wood Post 26240

Wood Post Applications

Combine Warmth with Modern Appeal

- ▶ Suits 4"x4" nominal wood post
- ▶ Level and angled applications
- ▶ For indoor and outdoor use
- ▶ Through-post and surface mount fittings

Standard Cable Kits and À La Carte Components

Save time and money with standard cable kits or à la carte components that enable cable to be installed at the same time as the railing framework. There is no need to provide exact measurements for cable to be cut and swaged or for costly swaging equipment.

Standard Cable Kits in \varnothing 1/8" and \varnothing 3/16" Cable Size

Everything Required to Install a Single Run of Cable

- ▶ Includes cable, tensioning and non-tensioning fittings, and washers
- ▶ Install cable by hand with pre-attached swaging stud and a swageless end fitting
- ▶ Cable end with no fitting can be easily fed through intermediate and end posts
- ▶ Cable available in increments of 5 ft from 5 ft – 30 ft and 40 ft and 50 ft lengths
- ▶ Installation instructions included




À La Carte Components in \varnothing 1/8" and \varnothing 3/16" Cable Size

Individual Components for Ultimate Flexibility

- ▶ Save valuable installation time by measuring and cutting cable on site
- ▶ Tensioning and non-tensioning fittings sold individually
- ▶ Install cable by hand with completely swageless end fittings
- ▶ Cable available in 25 ft, 100 ft and 500 ft lengths to accommodate multiple or larger projects
- ▶ Installation instructions included



Metal Usage Guide

MATERIAL	INDOOR	OUTDOOR
Stainless Steel Alloy 316 	✓	✓
Aluminum Alloy 6063-T5 	✓	✓
Brass 	✓	✓



10-Year Limited Warranty
bezdanrailfx.com

WOOD POST APPLICATIONS | THROUGH-POST

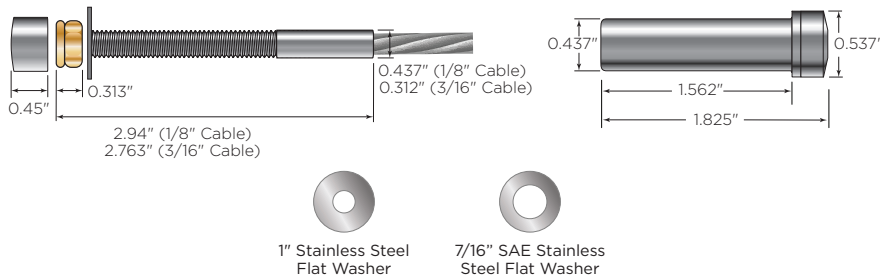
102 Series Kits, \varnothing 1/8" and \varnothing 3/16" Cable



Pre-Attached Threaded Swaging Stud and Cable

Pull-Lock® shown with Stainless Steel Washer

Locknut and Stainless Steel Washer and Cap



1" Stainless Steel
Flat Washer

7/16" SAE Stainless
Steel Flat Washer

OVERVIEW

- ▷ Suits 4"x4" nominal post
- ▷ Level and angled applications
- ▷ Suits runs up to 50 ft
- ▷ Kit includes:
 - Cable, 1x19 L.H. lay
 - Tensioner: Pre-attached threaded swaging stud
 - Non-tensioner: Pull-lock swageless fitting
 - Brass locknut
 - 1" stainless steel flat washer
 - 7/16" SAE stainless steel flat washer
 - Stainless steel cap

METAL USAGE

- ▷ 316 indoor/outdoor use
- ▷ Brass indoor/outdoor use

RELATED PRODUCTS

- ▷ Cable release key
- ▷ Cable clip
- ▷ Post protector tubes
- ▷ Stainless steel cap (optional)
- ▷ Cable cutter

INSTALLATION

- ▷ Refer to ILLUSTRATION 8

















Part #	Cable Length	Cable Size	Material	Alloy	Finish	Weight
10205-W	5'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.32 lbs. each
10205-6-W	5'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.320 lbs. each
10210-W	10'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.49 lbs. each
10210-6-W	10'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.490 lbs. each
10215-W	15'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.67 lbs. each
10215-6-W	15'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.670 lbs. each
10220-W	20'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.84 lbs. each
10220-6-W	20'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.840 lbs. each
10225-W	25'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.02 lbs. each
10225-6-W	25'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.020 lbs. each
10230-W	30'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.19 lbs. each
10230-6-W	30'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.190 lbs. each
10240-W	40'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.54 lbs. each
10240-6-W	40'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.540 lbs. each
10250-W	50'	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	1.89 lbs. each
10250-6-W	50'	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	1.890 lbs. each



FIGURE 20: RailFX® Surface Mount Components for Wood Posts

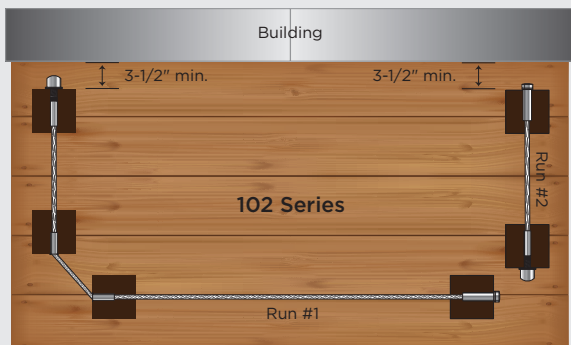


ILLUSTRATION 8 Level Runs and Runs with One Corner

- ▷ Requires a dedicated end post for each run
- ▷ A double post corner configuration is required to create a 90° corner with two 45° bends
- ▷ There must be at least 3-1/2" of space behind the terminating post to allow access to install the fittings
- ▷ Post protector tubes required for corner bend (sold separately)

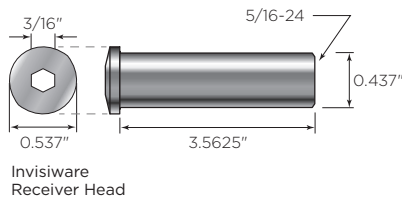
WOOD POST APPLICATIONS | THROUGH-POST

262 Series Kits, ø 1/8" Cable

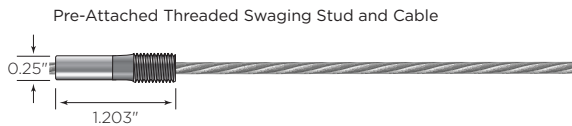
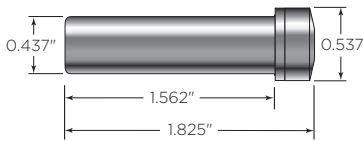


Invisiware® Receiver

Pull-Lock® shown with Stainless Steel Washer



Invisiware Receiver Head



Pre-Attached Threaded Swaging Stud and Cable



7/16" SAE Stainless Steel Flat Washers

OVERVIEW

- ▷ Suits 4"x4" nominal post
- ▷ Level and angled applications
- ▷ Can accommodate a level run with one corner
- ▷ Suits runs up to 50 ft
- ▷ Kit includes:
 - ø 1/8" cable, 1x19 L.H. lay
 - Tensioner: Invisiware receiver + pre-attached threaded swaging stud
 - Non-tensioner: Pull-lock swageless fitting
 - 7/16" SAE stainless steel flat washers (2)

METAL USAGE



- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Cable release key
- ▷ Cable Clip
- ▷ Post protector tubes
- ▷ Cable cutter
- ▷ Cleaner and protectant

INSTALLATION

- ▷ Refer to ILLUSTRATION 9 and ILLUSTRATION 10

Part #	Cable Length	Cable Size	Material	Alloy	Finish	Weight
26205-W	5'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.37 lbs. each
26210-W	10'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.55 lbs. each
26215-W	15'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.72 lbs. each
26220-W	20'	ø 1/8"	Stainless Steel	316 	#4 Satin	0.89 lbs. each
26225-W	25'	ø 1/8"	Stainless Steel	316 	#4 Satin	1.07 lbs. each
26230-W	30'	ø 1/8"	Stainless Steel	316 	#4 Satin	1.24 lbs. each
26240-W	40'	ø 1/8"	Stainless Steel	316 	#4 Satin	1.59 lbs. each
26250-W	50'	ø 1/8"	Stainless Steel	316 	#4 Satin	1.94 lbs. each

Post Protector Tubes



Post protector tubes are required for corner and angled applications to keep the cable from biting into the wood.

- ▶ Part #CS-TUBE-6 | RailFX® page 36



FIGURE 21: RailFX® 262 Series Kit for Wood Post 26240

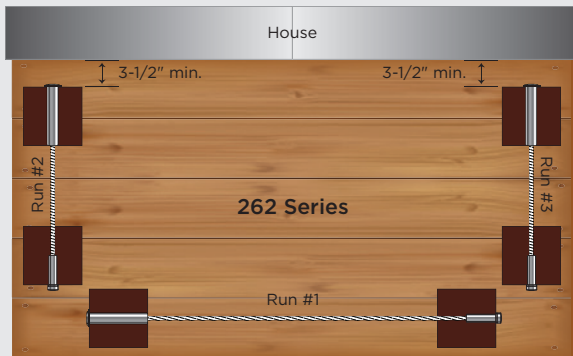


ILLUSTRATION 9

Level Runs

- ▷ Requires a dedicated end post for each run
- ▷ There must be at least 3-1/2" of space behind the terminating post to allow access to install the fittings

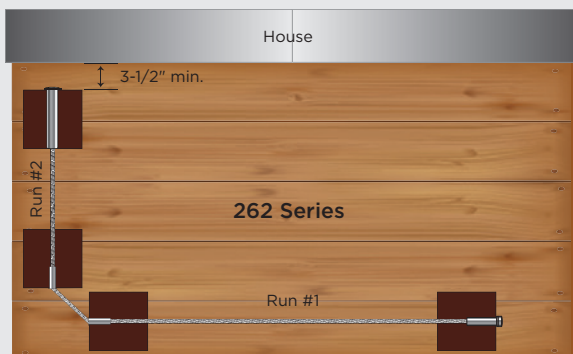


ILLUSTRATION 10

Level Runs with One Corner

- ▷ Requires a dedicated end post for each run
- ▷ A double post corner configuration is required to create a 90° corner with two 45° bends
- ▷ There must be at least 3-1/2" of space behind the terminating post to allow access to install the fittings
- ▷ Post protector tubes required for corner bend (sold separately)

Level Runs with Two Corners

- ▷ For cable runs that need to accommodate two corners, use the 272 Series, available by special order. Please contact your Sales Representative for information

WOOD POST APPLICATIONS | THROUGH-POST

Swageless Stud, ø 1/8" Cable



OVERVIEW

- ▷ Three-part fitting includes stud, collet and set screw
- ▷ Level and angled applications
- ▷ Pair with Invisiware receiver to form tensioning end of cable run

METAL USAGE

- ▷ Stud and screw: 316 indoor/outdoor use
- ▷ Collet: 17-4 indoor/outdoor use

RELATED PRODUCTS

- ▷ Invisiware receiver
- ▷ ø 1/8" cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Torx socket + 1/4" flare wrench
- ▷ Cleaner and protectant

INSTALLATION

- ▷ Insert cable into stud and hand tighten with supplied set screw
- ▷ A collet inside the stud attaches to the cable, similar to a Push-lock component
- ▷ The collet exerts a strong clamping force on the cable during tightening

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
SSA-4	Level and Angled, Tensioner Component	ø 1/8"	Stainless Steel	316 🔵, 17-4 🔵	#4 Satin	0.019 lbs. each



Swageless Stud

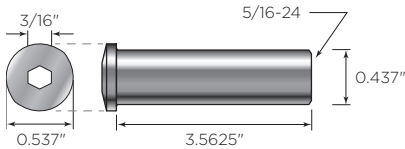
Save installation time and labor costs. The new swageless stud works with the Invisiware receiver and is an innovative through-post tensioning solution.

- ▶ A swageless, through-post solution
- ▶ Installs by hand on site
- ▶ No special equipment required



WOOD POST APPLICATIONS | THROUGH-POST

Invisiware® Receiver, ø 1/8" Cable



OVERVIEW

- ▷ Suits 4" x 4" nominal post
- ▷ Level and angled applications
- ▷ Compatible only with swageless stud part # SSA-4
- ▷ Pair with swageless stud to form tensioning end of cable run

METAL USAGE

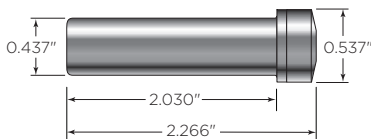
- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Swageless stud
- ▷ Pull-lock
- ▷ Cleaner and protectant
- ▷ Stainless washer 7/16 SAE (supplied by others)

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
R-4-62	Level and Angled, Tensioner Component	ø 1/8"	Stainless Steel	316	#4 Satin	0.071 lbs. each

Pull-Lock®, ø 1/8" Cable



OVERVIEW

- ▷ Suits 4" x 4" nominal post
- ▷ Swageless non-tensioning component
- ▷ Level and angled applications
- ▷ Supplied with cap for a clean finished look

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Swageless stud
- ▷ Invisiware receiver
- ▷ Cable release key
- ▷ Post protector tubes
- ▷ ø 1/8" cable, 1x19 L.H. lay
- ▷ Stainless washer 7/16 SAE (supplied by others)

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PUL-4-2.030	Level and Angled, Non-Tensioner	ø 1/8"	Stainless Steel	316	#4 Satin	0.060 lbs. each



Easy as 1-2-3

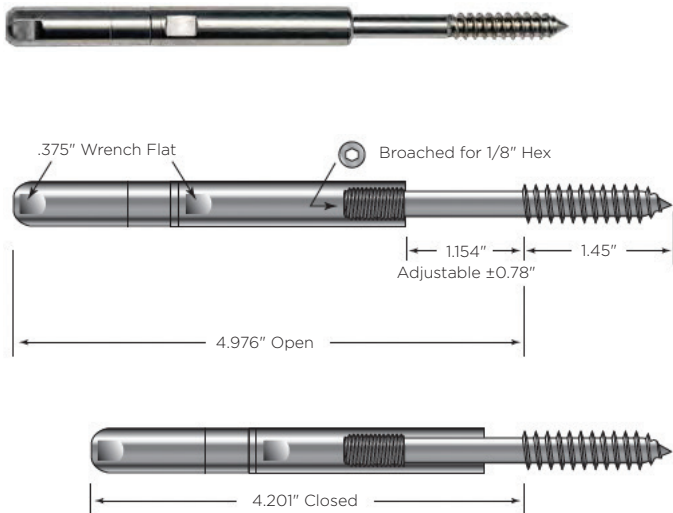
Pull-Lock® components can be used with any tensioning device on the opposing end.

- ▶ Simply pull the cable through the component
- ▶ Tension cable and cut excess on the back end
- ▶ Press on cap to cover bare cable end



WOOD POST APPLICATIONS | SURFACE MOUNT

Push-Lock® Tensioner with Hanger Bolt, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW



- ▷ Suits 4"x 4" nominal post
- ▷ Swageless tensioning component
- ▷ Level applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion
- ▷ Two-part tensioner: adjustable \pm 0.78" to allow for sufficient take-up

METAL USAGE

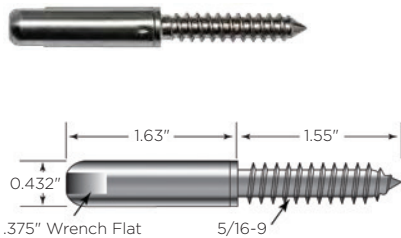
- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Push-Lock® Lag
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-SFC-WS-4	Level, Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.192 lbs. each
PL-SFC-WS-6	Level, Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.110 lbs. each

Push-Lock® Lag, \varnothing 1/8" and \varnothing 3xX/16" Cable



OVERVIEW



- ▷ Suits 4"x 4" nominal post
- ▷ Swageless non-tensioning component
- ▷ Level applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion

METAL USAGE

- ▷ 316 indoor/outdoor use

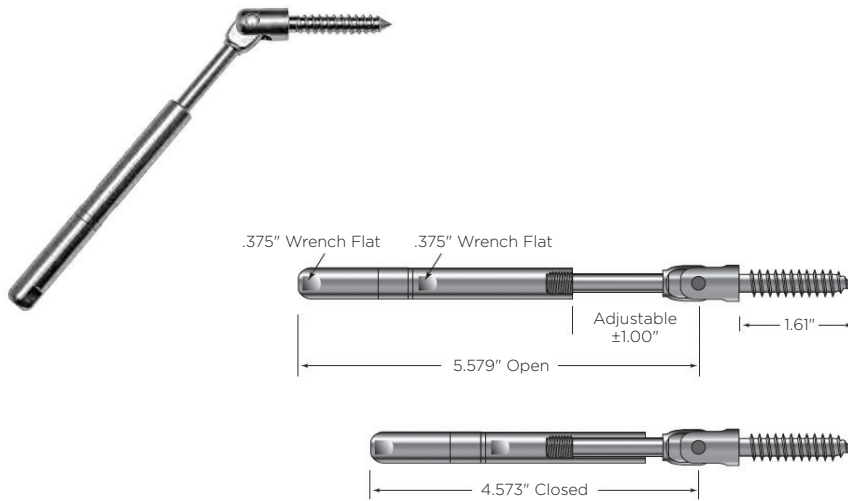
RELATED PRODUCTS

- ▷ Push-lock tensioner with hanger bolt
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-LAG-4	Level, Non-Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.065 lbs. each
PL-LAG-6	Level, Non-Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.064 lbs. each

WOOD POST APPLICATIONS | SURFACE MOUNT

Push-Lock® Tensioner with Lag Clevis, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW



- ▷ Suits 4"x 4" nominal post
- ▷ Swageless tensioning component
- ▷ Angled applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion
- ▷ Two-part tensioner: adjustable \pm 1.00" to allow for sufficient take-up

METAL USAGE

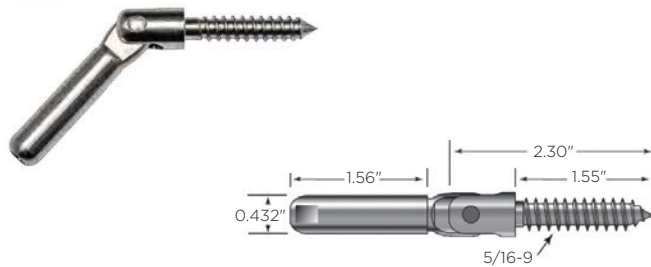
- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Push-lock with lag clevis
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-SFC-WP-4-1	Angled, Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.145 lbs. each
PL-SFC-WP-6-1	Angled, Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.110 lbs. each

Push-Lock® Lag with Clevis, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW



- ▷ Suits 4"x 4" nominal post
- ▷ Swageless non-tensioning component
- ▷ Angled applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion

METAL USAGE

- ▷ 316 indoor/outdoor use

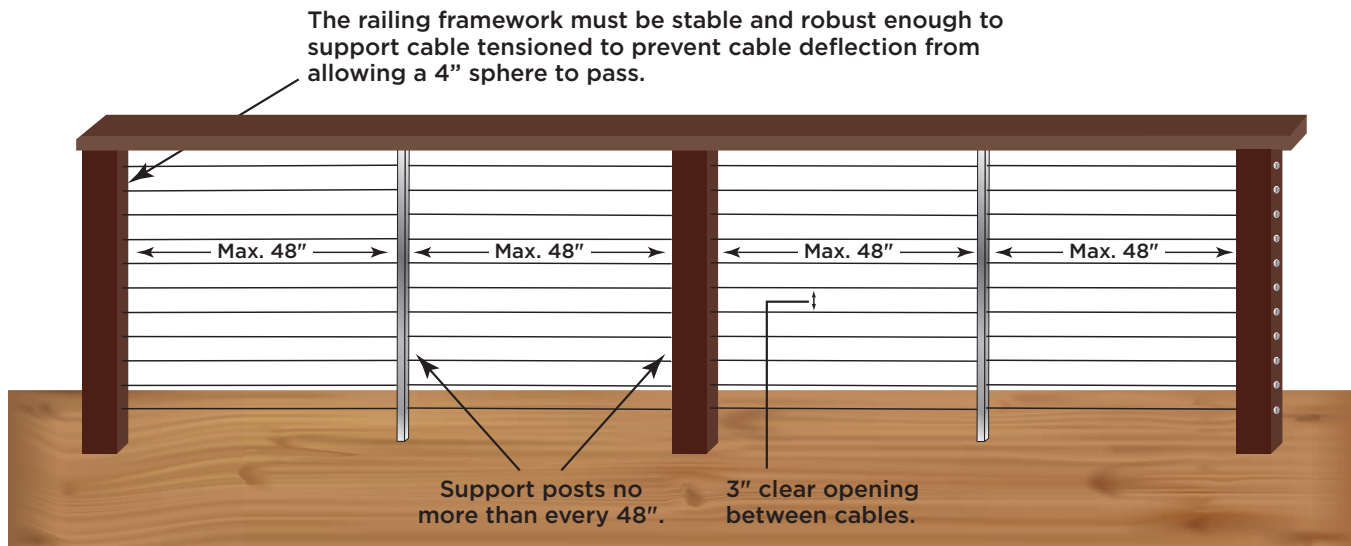
RELATED PRODUCTS

- ▷ Push-lock tensioner with hanger bolt
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cleaner and protectant

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-LAG-CL-TE4-1	Angled, Non-Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.108 lbs. each
PL-LAG-CL-TE6-1	Angled, Non-Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.107 lbs. each

WOOD POST APPLICATIONS | ALL CONFIGURATIONS

Installation Guide



End Posts

Since hundreds of pounds of tension are being applied to end posts using cable railing, posts must be strong enough to support the tension. Please carefully review the requirements outlined on this page to ensure your installation provides appropriate support. For more detailed technical information regarding framework for cable rail installations go to bezdanrailfx.com.

- ▶ A minimum 4"x4" nominal post (3-1/2"x3-1/2" actual size) end post is required to keep from bending when cables are tensioned
- ▶ The railing framework must be stable and robust enough to support cable tensioned to prevent cable deflection from allowing a 4" sphere to pass
- ▶ Must be securely mounted to the deck to prevent the post from coming loose when cables are tensioned

Intermediate Posts

The cable should be supported in some manner no less than every 48" along its run to keep the cable rungs from spreading.

Intermediate posts, other than those that are structurally necessary, can be a thin metal cable brace with holes for the cables to pass through (see illustration above). A typical cable brace is 1/4" thick by 1" wide made of steel (to be painted) or stainless steel. Intermediate posts are available on special order (see page 38).

Post for Intersecting Runs

A desirable look, unique to RailFX®, is the ability to combine a through-post and surface mount fitting in a single corner post on the same plane. This feature achieves a 90° corner and the look of continuous cable. If a through-post installation is used the runs need to be offset and may appear unbalanced.

Top and Bottom Rail

Must be sufficient in strength for structural integrity. It is recommended to reinforce the flat edge under the top rail with a support such as a 2"x4". A bottom rail is not required but does help distribute the force away from the lower portion of the post.

Completing the Cable Railing

Cable railing requires 11 - 13 rows of cable depending on post height and railing framework. A 3" spacing between rows is recommended to comply with code requirements. All runs of cable and end fittings are installed before tensioning. Follow the recommended tensioning sequence to ensure proper installation and achieve optimal results.

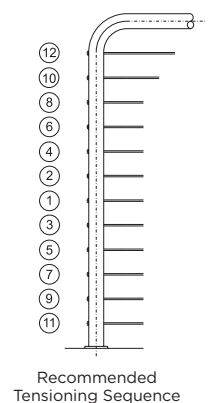
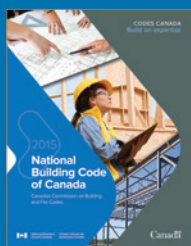




FIGURE 22: RailFX® Surface Mount Components for Wood Posts



Consult Local Building Authorities

This product information is not intended for use as a recommendation for using or installing cable rail. It is the customer's responsibility to ensure compliance with local, provincial or national building codes. Always consult with your local building department before starting your project. See the 2015 National Building Code under the "Resources" tab or visit geobezdan.com/nbc

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FIGURE 23: RailFX® Through-Post Components for Metal Posts

Concrete Applications

Classic, Clean and Versatile

- ▶ Mounts to concrete surface
- ▶ Level applications
- ▶ For indoor and outdoor use
- ▶ Surface mount fittings

New Products for Concrete Applications

Introducing all new products for concrete applications including à la carte components that can install into a concrete surface offering a flexible solution for one or both ends of the cable.

À La Carte Components in \varnothing 1/8" and \varnothing 3/16" Cable Size

Surface mount options for level applications.

- ▶ Save valuable installation time by measuring and cutting cable on site
- ▶ Tensioning and non-tensioning fittings sold individually
- ▶ Install cable by hand with completely swageless end fittings
- ▶ Cable available in 25 ft, 100 ft and 500 ft lengths to accommodate multiple or larger projects
- ▶ Installation instructions included



Metal Usage Guide

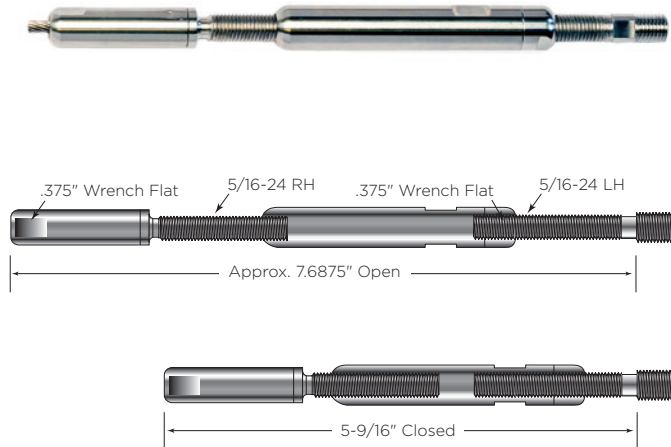
MATERIAL	INDOOR	OUTDOOR
Stainless Steel Alloy 316 	✓	✓



10-Year Limited Warranty
bezdanrailfx.com

CONCRETE APPLICATIONS | SURFACE MOUNT

Push-Lock® Turnbuckle Concrete Anchor Bolt, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW

- ▷ Suits concrete surface
- ▷ Swageless tensioning component
- ▷ Level applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion
- ▷ Five piece tensioner: adjustable $\pm 2.00''$ to allow for sufficient take-up

METAL USAGE



- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Push-lock concrete anchor bolt
- ▷ Cable release key
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Concrete anchor (supplied by others)

INSTALLATION

- ▷ Refer to ILLUSTRATION 11

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-TB-AB-4	Level, Tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.253 lbs. each
PL-TB-AB-6	Level, Tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.253 lbs. each

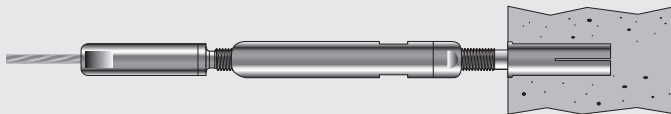
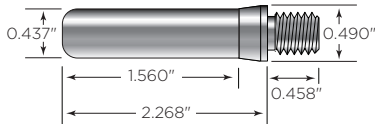


ILLUSTRATION 11

- ▷ The concrete anchor (supplied by others) is driven into a pre-drilled hole in the concrete surface
- ▷ The short thread of the anchor bolt portion of the fitting is threaded into the concrete anchor
- ▷ The lock nut is installed first, followed by the body and the Push-lock stud
- ▷ Attach the cable to the push-lock
- ▷ Tension is created by using the body as a turnbuckle
- ▷ Secure with lock nut to prevent loosening

CONCRETE APPLICATIONS | SURFACE MOUNT

Push-Lock® Concrete Anchor Bolt, \varnothing 1/8" and \varnothing 3/16" Cable



OVERVIEW

- ▷ Suits concrete surface
- ▷ Swageless non-tensioning component
- ▷ Level applications
- ▷ Clean design with no visible threads: prevents buildup of particles that can cause corrosion

METAL USAGE


- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Push-lock turnbuckle concrete anchor bolt
- ▷ Cable, 1x19 L.H. lay
- ▷ Cable cutter
- ▷ Cable release key
- ▷ Concrete anchor (supplied by others)

INSTALLATION

- ▷ A concrete anchor (supplied by others) is driven into a pre-drilled hole in the concrete surface
- ▷ The anchor bolt is threaded into the concrete anchor
- ▷ Attach cable to the Push-lock

Part #	Application	Cable Size	Material	Alloy	Finish	Weight
PL-AB4	Level, Non-tensioner	\varnothing 1/8"	Stainless Steel	316 	#4 Satin	0.064 lbs. each
PL-AB6	Level, Non-tensioner	\varnothing 3/16"	Stainless Steel	316 	#4 Satin	0.062 lbs. each



Consult Local Building Authorities

This product information is not intended for use as a recommendation for using or installing cable rail. It is the customer's responsibility to ensure compliance with local, provincial or national building codes. Always consult with your local building department before starting your project. See the 2015 National Building Code under the "Resources" tab or visit

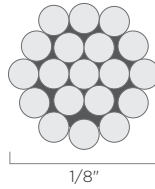
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FIGURE 24: RailFX® 262 Series Kit for Metal Post 26230

CABLE & ACCESSORIES

Stainless Steel Cable, 1x19, ø 1/8" and ø 3/16" Cable



OVERVIEW






- ▷ Cable with 1x19 left hand lay

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Swageless fittings for level and angled applications

Part #	Cable Size	Length	Material	Alloy	Finish	Weight
CR1600-25	ø 1/8"	25'	Stainless Steel	316 	Polished	1.00 lbs. each
CR3600-25	ø 3/16"	25'	Stainless Steel	316 	Polished	1.75 lbs. each
CR1600-100	ø 1/8"	100'	Stainless Steel	316 	Polished	3.50 lbs. each
CR3600-100	ø 3/16"	100'	Stainless Steel	316 	Polished	7.00 lbs. each
CR1600-500	ø 1/8"	500'	Stainless Steel	316 	Polished	20.50 lbs. each
CR3600-500	ø 3/16"	500'	Stainless Steel	316 	Polished	42.10 lbs. each

Delrin Washer



OVERVIEW

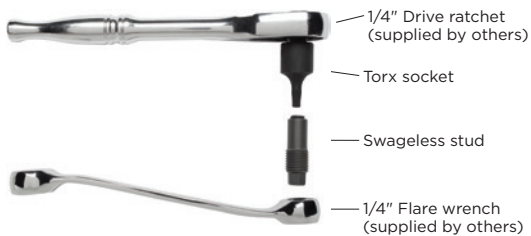
- ▷ Seal for components to prevent water seepage and bimetallic corrosion

RELATED PRODUCTS

- ▷ Invisiware receiver
- ▷ Pull-lock

Part #	Material	Color	Weight
W-R6B	Polymer	Black	0.00015 lbs. each

Torx Socket



OVERVIEW

- ▷ Use torx socket together with drive ratchet and flare wrench to tighten the swageless stud into the Invisiware receiver

RELATED PRODUCTS

- ▷ Swageless stud

Part #	Weight
T15 TORX	0.21 lbs. each

CABLE & ACCESSORIES

Post Protector Tube



OVERVIEW

- ▷ Suits $\varnothing 1/8"$ cable
- ▷ For corner and angled applications up to 45° to keep the cable from biting into the wood

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

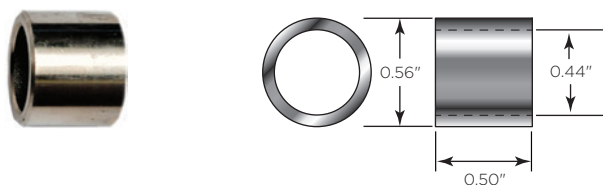
- ▷ 262 series kits for wood posts
- ▷ 102 series kits for wood posts
- ▷ Pull-lock swageless fitting for wood posts

INSTALLATION

- ▷ Refer to ILLUSTRATION 12

Part #	Material	Alloy	Finish	Weight
CS-TUBE-6	Stainless Steel	316 	#4 Satin	0.007 lbs. each

Stainless Steel Spacer



OVERVIEW

- ▷ Used to allow for receiver extension in an angled application with 1-1/2" posts

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ 232 series kits

Part #	Material	Alloy	Finish	Weight
SPC-R6-.500	Stainless Steel	316 	#4 Satin	0.051 lbs. each

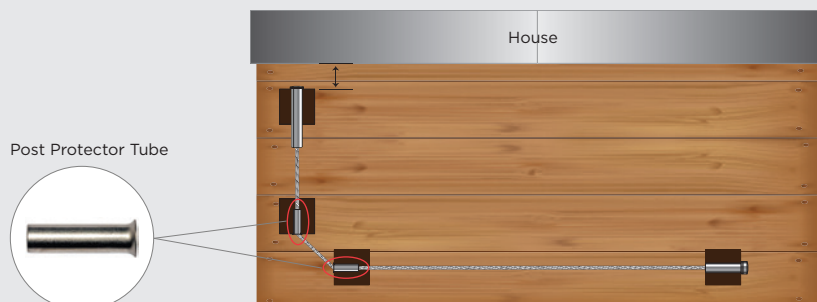


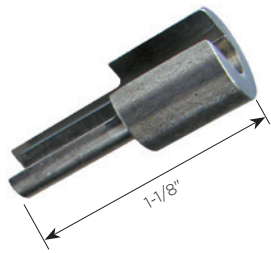
ILLUSTRATION 12

Post Protector Tube Installation

- ▷ Pre-drill wood posts with a $1/4"$ hole on the side of the posts where the cable exits at an angle
- ▷ Tap the post protector tube into the wood post for a snug fit
- ▷ Post protector tubes are designed to protect wood posts from chafing and incidental damage from the cables rubbing around the outside of the mid post cable holes

CABLE & ACCESSORIES

Cable Release Key



OVERVIEW

- ▷ Suits \varnothing 1/8" cable
- ▷ Releases cable from push-lock and pull-lock fittings before cable is tensioned

RELATED PRODUCTS

- ▷ All series kits for 1/8" cable
- ▷ Push-lock fittings
- ▷ Pull-lock fittings

INSTALLATION

- ▷ Cable release key opens the spring loaded jaws that grip the cable prior to tensioning

Part #	Material	Weight
PL-KEY	Polymer/Resin Blend	0.026 lbs. each

Cable Cutter



OVERVIEW

- ▷ For burr-free cutting of \varnothing 1/8" cable
- ▷ Shear-cut blades give clean and sharp cuts

Part #	Weight
C-CUTTER	0.74 lbs. each

Stainless Steel Cleaner and Protectant



OVERVIEW

- ▷ T9 spray-on protectant, SM 4 oz., LG 8 oz.
- ▷ Rust Free spray-on stain remover, SM 4 fl. oz., LG 12 fl. oz.
- ▷ Dissolves minor corrosion then leaves a protective coating that lasts for months

INSTALLATION

- ▷ Preserve the appearance and integrity of stainless steel after installation. See the "Resources" tab to learn more.

Part #	Description	Volume	Weight
T9RFSM	Small Kit	4 oz. & 4 fl. oz	1.00 lbs. each
T9RFLG	Large Kit	8 oz. & 12 fl. oz	1.83 lbs. each

CABLE & ACCESSORIES

Cable Brace, Stainless Steel



OVERVIEW

- ▷ 1/4" x 1" brace
- ▷ Suits ø 1/8" cable
- ▷ For consistent cable spacing between structural posts
- ▷ For level and angled applications
- ▷ Suits 36" and 42" rail heights
- ▷ Holes are drilled 3-1/8" on center

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Cable brace floor plates for wood frames

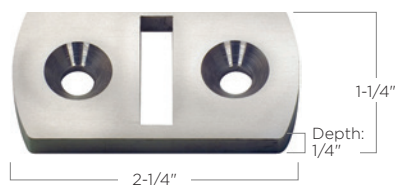
INSTALLATION

- ▷ For metal frames, weld brace in place
- ▷ For wood frames, use cable brace floor plates

Part #	Application	Length	# of Holes	Material	Alloy	Finish	Weight
◆ CB-34.5-SS-10	Level	34.5"	10	Stainless Steel	316	#4 Satin	2.20 lbs. each
◆ CB-40.5-SS-12	Level	40.5"	12	Stainless Steel	316	#4 Satin	2.63 lbs. each
◆ CBS-34.5-SS-10	Angled	34.5"	10	Stainless Steel	316	#4 Satin	2.20 lbs. each
◆ CBS-40.5-SS-12	Angled	40.5"	12	Stainless Steel	316	#4 Satin	2.48 lbs. each

◆ Products are available on special order. Contact your Sales Representative for more information.

Cable Brace Floor Plate



OVERVIEW

- ▷ For wood frame installations
- ▷ For level applications
- ▷ Countersunk fastener holes

METAL USAGE

- ▷ 316 indoor/outdoor use

RELATED PRODUCTS

- ▷ Cable brace, stainless steel

INSTALLATION

- ▷ Mounts to top or bottom rail or deck

Part #	Material	Alloy	Finish	Weight
◆ FLP-CBS	Stainless Steel	316	#4 Satin	0.16 lbs. each

◆ Products are available on special order. Contact your Sales Representative for more information.



FIGURE 25: RailFX® 212 and 232 Series Kit

CABLE & ACCESSORIES

Cable Clip



OVERVIEW

- ▷ Suits $\varnothing 1/8"$ cable
- ▷ Suits up to 6.35mm tempered glass or resin panel
- ▷ Minimum thickness of 4.76mm for infill recommended
- ▷ Supplied with M6 and M8 set screws

METAL USAGE


- ▷ Solid brass indoor/outdoor use

RELATED PRODUCTS

- ▷ 102 series kits
- ▷ 212 series kits
- ▷ 232 series kits
- ▷ 262 series kits (For wood only)

INSTALLATION

- ▷ Refer to ILLUSTRATION 13

Part #	Material	Finish	Weight
CC-1.8-SN	Solid Brass 	Electro-plated Satin Silver	0.11 lbs. each



Larger Cable Sizes

For commercial or public applications, 3/16" or 1/4" diameter cable is recommended.

- ▶ Please contact your Sales Representative for design and technical support.



ILLUSTRATION 13

Cable Clip Installation

- ▷ Fasten clip on cable using a stainless steel M6 set screw (supplied)
- ▷ Infill panel is securely held in place with a stainless steel M8 set screw (supplied)

Performance & Safety

Cable Clips are engineered and tested to meet the National Building Code requirements for infill loads. Test data and additional product information can be found at bezdancableclip.com.