

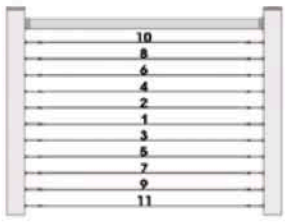
# RAILEASY

## Stainless steel cable railing Project Planner

Whether your project is a railing, trellis or a fence, indoor or outdoor, residential or commercial, our architectural tensioners and cables are the clear choice.



Follow the recommended tensioning sequence below to ensure proper installation and achieve optimal results.



### PATENTED SIMPLICITY

Featuring mechanical swaging capabilities, these tensioners allow installers to cut cable on site, removing the hassle of pre-measuring and the cost of miscalculating dimensions.

The patented technology of the RailEasy™ tensioner accommodates angles up to 45 degrees, making it ideal for stair applications.

Installation is quick and easy and requires simple hand tools. Follow these three easy installation steps to produce an attractive, durable and clean looking cable railing system.

### 3 EASY INSTALLATION STEPS

#### Step 1 - Insert

Extend receiver end 3/4" to 1-1/4" out of the body for tensioning later. Loosen cone on receiver, but keep assembly together. Push end of wire rope through cone until fully seated.

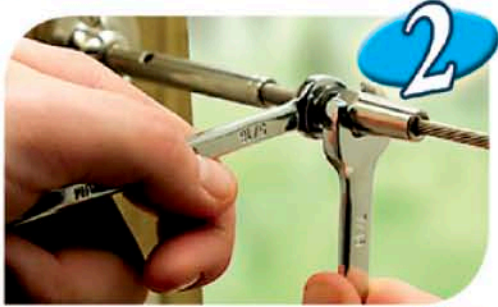
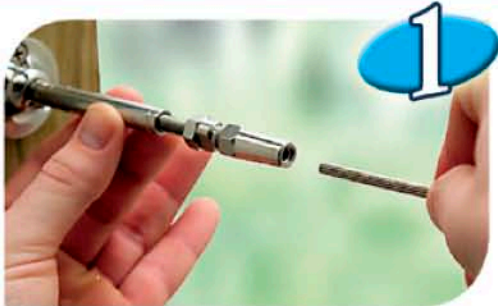
#### Step 2 - Tighten

Hold receiver with wrench. Fully tighten cone onto receiver end to ensure strongest connection.

#### Step 3 - Tension

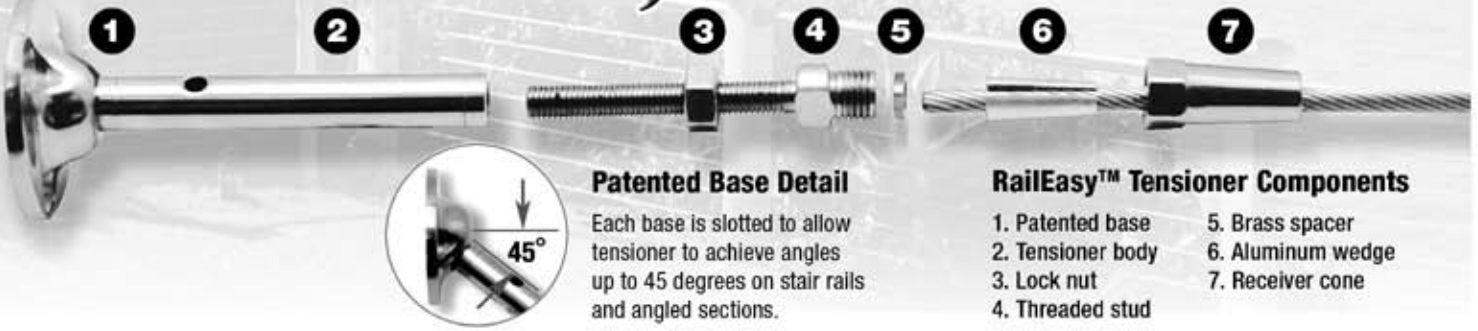
Hold receiver with wrench, while rotating body to tension. Tighten locknut to complete.

Refer to opposite side for RailEasy™ tensioner diagram



\*Please contact your local RailEasy™ Dealer with any questions on how to install and/or how to order tensioners.

# RAILEASY Project Planner



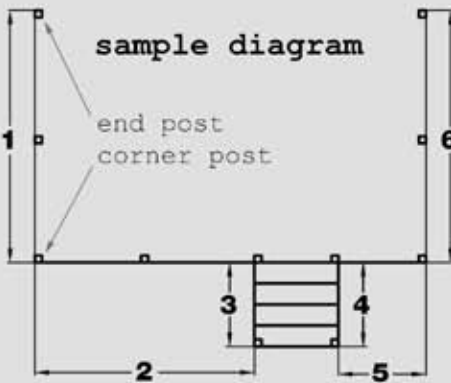
## Patented Base Detail

Each base is slotted to allow tensioner to achieve angles up to 45 degrees on stair rails and angled sections.

## RailEasy™ Tensioner Components

1. Patented base
2. Tensioner body
3. Lock nut
4. Threaded stud
5. Brass spacer
6. Aluminum wedge
7. Receiver cone

## GETTING STARTED



### Sketch your project

Sketch your project to aid in the process of ordering your cable rail system. Indicate the location of the rails and the posts on the deck and any stairs.

## STEP-BY-STEP ORDERING

### STEP 1 - Measure your cable sections

Cable sections are the total length between end and corner posts (refer to diagram). Record each cable section length below in the easy ordering chart. **Maximum length for a section is 48 FEET.**

### STEP 2 - Determine the number of cable rows needed

Measure the distance from the top of your bottom rail or deck to the bottom of your top rail in inches. Divide that measurement by 3, round down to the nearest whole number and subtract 1.

#### Example:

A 36" high railing with 34" between deck and bottom of top rail.  
 $34 \text{ divided by } 3 = 11.33, \text{ round to } 11 - 1 = 10 \text{ rows}$

### STEP 3 - Determine the number of tensioners needed

Multiply the number of rows by the number of cable sections. Multiply the resulting number by 2 to obtain the number of tensioners required.

### STEP 4 - Stainless steel rails

Determine your post spacing (never exceed 72") and enter the quantity by stock length for each section.

### STEP 5 - Rail mounting brackets

#### Straight

Multiply your total number of straight section railings x 2.

#### Adjustable

Multiply your total number of adjustable (stair and angles) sections railings x 2.

**ALWAYS CONSULT YOUR LOCAL BUILDING CODE**

## EASY ORDERING CHART

Cable Section	STEP 1	STEP 2	STEP 3	STEP 4						STEP 5	
	Length	# of Rows	# of Tensioners	Post Spacing						Rail Brackets	
	feet each			#	48"	#	60"	#	72"	straight	adjustable
Cable Section 1											
Cable Section 2		Length of Cable									
Cable Section 3		total length x # of rows									
Cable Section 4											
Cable Section 5											
Cable Section 6											
Cable Section 7											
Cable Section 8											
Cable Section 9											
Cable Section 10											
<b>Total Length</b>			<b>Total Rails</b>								

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