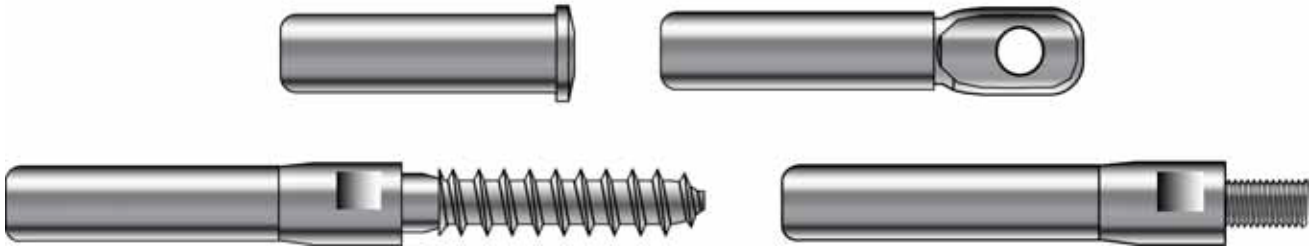


Push-Lock™ Fittings Installation Instructions



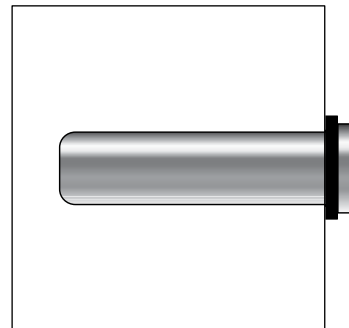
Install tensioning end of run to one end post and run cables through intermediate posts, before installing Push-Lock™ fitting.

1. Make sure the holes are drilled properly in the end post where you will be installing the Push-Lock™ fitting.

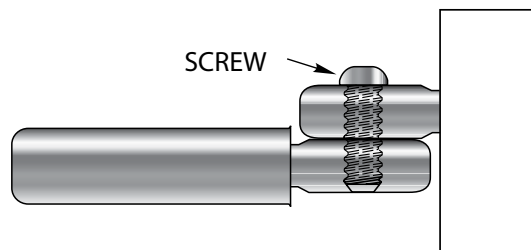
If you are installing the Push-Lock™ fittings in a metal railing, see Metal Railings/Hardware Mounting Holes/Boring Guide for boring instructions for your end post.

If you are using wood end posts, see “Wood Railings-Mounting Alternatives” (see page 4) for hole sizes and depths.

2. Slip the washer over the body of the fitting (11HW14 washer for wood posts, black Delrin® washer for metal posts), then slide the Push-Lock™ fitting into the hole in your end post with the hole in the fitting facing the inside (cable side) of the post.



- 2A. If you are using the Push-Lock™ with Threaded Eye, attach the threaded tab or lag eye to the end post and connect the Push-Lock with Threaded Eye with a screw.



Push-Lock Fittings (Continued)

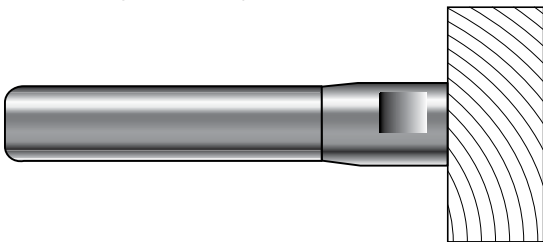
2B. If you are using a Push-Lock™ Lag, use a hex wrench to install the lag section of the fitting into your pre-drilled hole.



Then thread the Push-Lock™ coupler onto the lag.



Make sure the post side of the Push-Lock™ Lag is flush against the post.



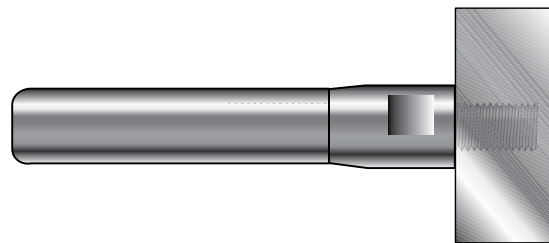
2C. If you are using a Push-Lock Threaded Bolt, hand-turn the fitting into your post hole pre-drilled and tapped to 5/16-24.



Then tighten with a 7/16" (or crescent) wrench.

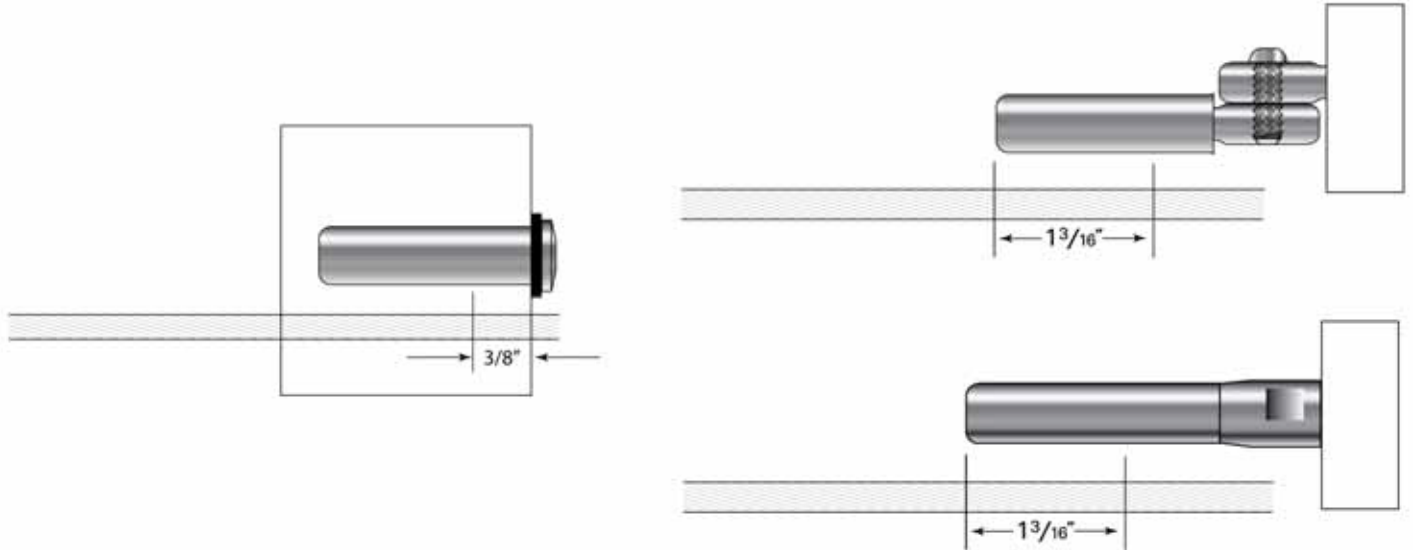


Make sure the post side of the Push-Lock™ Threaded Bolt is flush against the post.

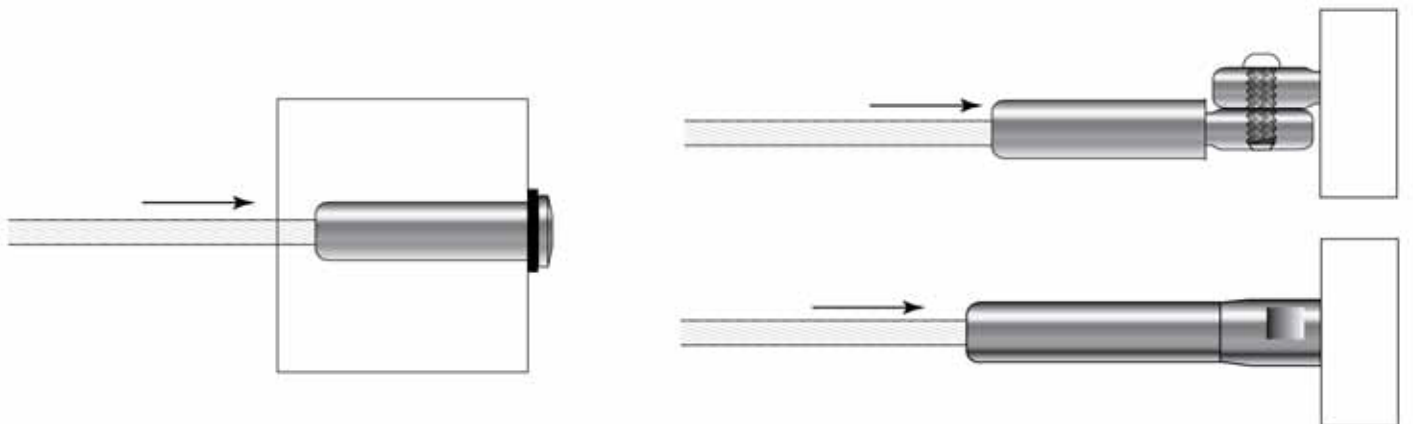


Push-Lock Fittings (Continued)

3. Pull the cable tight and mark the cable at a point $\frac{3}{8}$ " from the backside of the post or $1\text{-}\frac{3}{16}$ " from the end of the fitting opposite the eye/lag. Cut the cable at the mark, using a cable cutter.



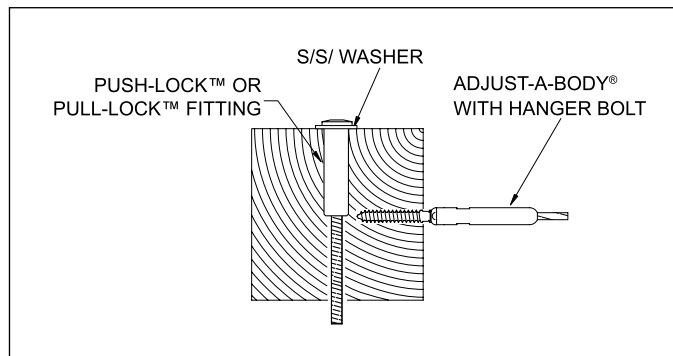
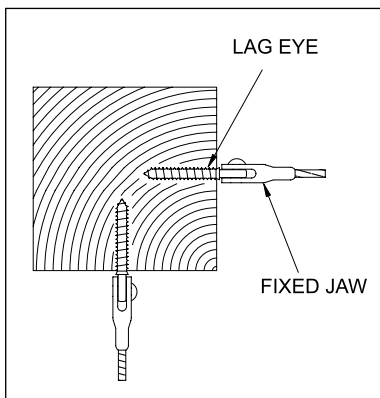
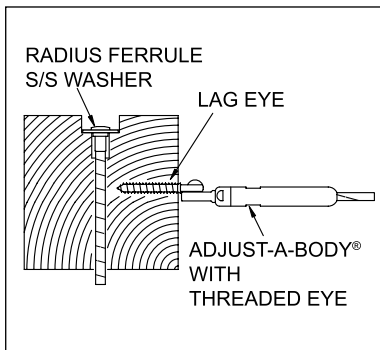
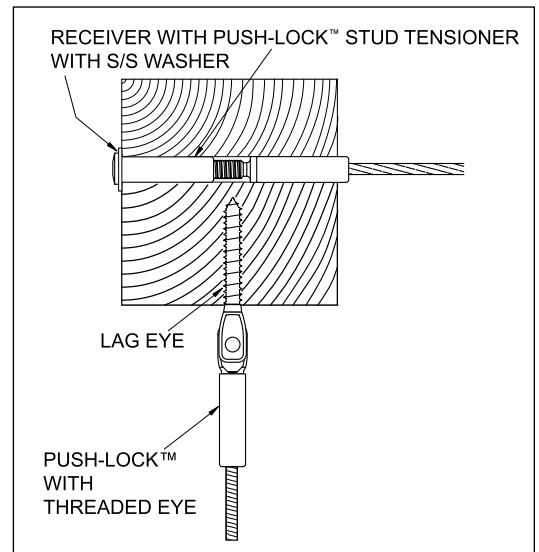
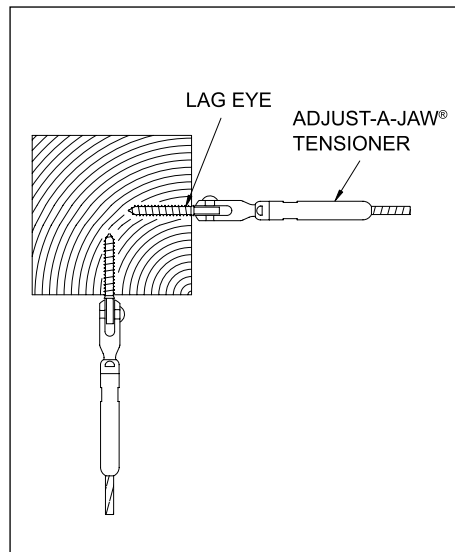
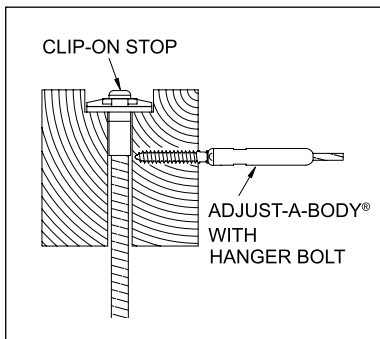
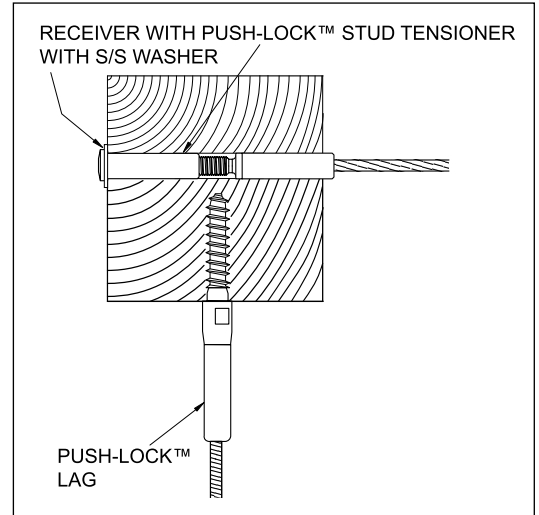
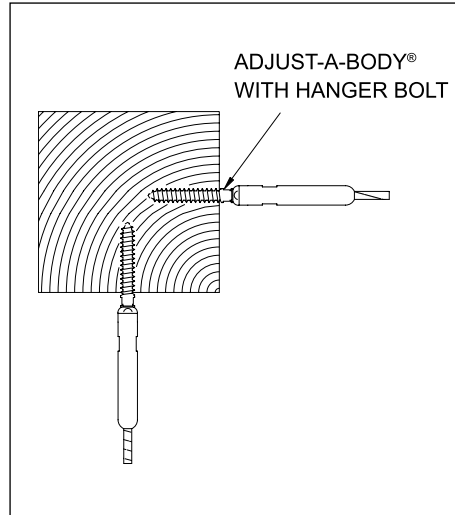
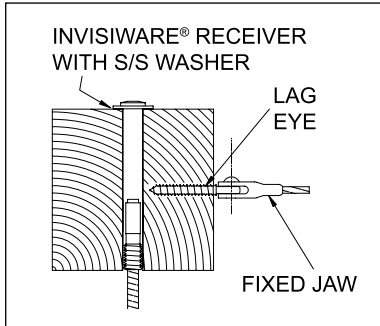
4. Push the cable into the hole in the fitting as far as it will go (approximately $1\text{-}\frac{1}{16}$ "). Twist the cable in the right-hand direction as you push it into the fitting. You will feel it slide through the jaws inside the stud. (If applicable, you will receive a PL-Key with your order. This may aid in your cable installation. Please see instructions for use of the PL-Key at the end of this section).



5. Tension the cable with the tensioner installed at the other end of the cable.

Wood Railings—Mounting Alternatives

The following illustrations demonstrate how the hardware can be used on a single corner post. Not all possible hardware combinations are shown. If the hardware and cable run all the way through the post in one direction, you will need to use a hanger bolt end or hardware that is mounted to a lag eye for the perpendicular direction.



Wood Railings—Mounting Alternatives *(Continued)*

Drilling Holes in End Posts for Cable Mounting Hardware

Where hardware requiring mounting with lag eyes is being used, drill holes in the end posts using the drill size shown on the following chart and screw Lag Eyes into the holes. The Fixed Jaws, Adjust-A-Jaw® and Adjust-a-Body® with Threaded Eye tensioners, or Push-Lock™ Lags and Push-Lock™ fittings with Threaded Eyes will be mounted to the lag eyes.

CABLE SIZE	USING LAG EYE PART NO.	USE DRILL SIZE*
1/8"	20FPLL4 20HLE4	9/32"
3/16"	20FPLL6	
1/4"	20HLE8	3/8"

Where Adjust-A-Body® with Hanger Bolt Tensioners are being used, drill holes in the end posts using the drill size shown on the following chart and screw the Hanger Bolt into the holes. The body of the fitting will be mounted to the Hanger Bolt (*see "Installing Cable", pages 4 through 14 in this guide*).

CABLE SIZE	USING ADJUST-A-BODY® PART NO.	USE DRILL SIZE*
1/8"	20ALB4	1/4"
3/16"	20AXLB4	
1/4"	20ALB8	3/8"

*Due to the differences in different types of woods, slightly smaller or larger holes may be required for your particular application.

Drilling Holes in Intermediate Posts and Cable Braces

Cable Size	Hole Diameter Where Studs/Ferrules are Swaged in the Field or Swageless Fittings are Put on the Cables	Hole Diameter Using Push-Lock™ or Pull-Lock™ Fittings	Hole Diameter Where Cables Supplied by Factory with Fittings Swaged on Both Ends of Cable	
			Using Threaded Studs	Using Ferrules for Clip-on Fixed Jaws or Using Clip-on Stop
1/8"	5/32"	5/32"	11/32"	17/64"
3/16"	7/32"	7/32"	11/32"	17/64"
1/4"	9/32"	NA	15/32"	25/64"