

Cable Railing Infill for Metal and Wood Posts

Ultra-Tec, the ultimate cable railing infill, offers concealed hardware which allows for unobstructive views and easy installation. Ultra-Tec is available in pre-cut cable lengths or spools of cable for larger jobs.



Cable blackening
available upon
request.

OPTION 1: CABLE ON A SPOOL, SWAGE-ON FITTINGS, SWAGER RENTAL KIT

For larger cable installations consider spooled bulk cable, swage-on fittings and a swager rental kit. Choose your cable size and feet required, fixed end and tensioning end fittings.

Step 1: Choose cable size and feet required

Ultra-Tec® recommends using 1x19 Type 316 stainless steel L/H lay strand (or cable) for railing infill because of its strength, for its diameter, its resistance to corrosion, and its compatibility with stainless steel hardware. Choose from 1/8" and 3/16" diameters.

1/4", 5/16" and 3/8" cable is also available.



1/8" CABLE	PART NO.
PER FOOT*	4AS2
100FT	4AS2-100FT
500FT	4AS2-500FT

3/16" CABLE	PART NO.
PER FOOT*	6AS2
100FT	6AS2-100FT
500FT	6AS2-500FT

**spooling fee will apply*

Step 2: Choose Swaged Tensioning Fitting

See page 246 for Metal

See page 250 for Wood

Step 3: Choose Swaged Non-Tensioning Fitting

See page 247 for Metal

See page 251 for Wood

Step 4: Choose a Swager Rental Kit

See page 256

Step 5: Choose Accessories

See page 254-256

Scan the QR Code to view a video which demonstrates swaging studs onto cable and installing Invisiware® Receivers in metal posts.



OPTION 2: CUT-TO-LENGTH CABLES WITH ONE FACTORY-SWAGED FITTING AND ONE SWAGELESS END READY FOR A NON-TENSIONING FITTING

Step 1: Choose a cable assembly

Each cable length is provided with an Invisiware® Stud and a washer. Choose a receiver to hold the Invisiware® Stud and a non-tensioning fitting for the opposite end of the cable run, that fits your tubing size and you will be ready to install.

For metal and wood posts. Available in 1/8" and 3/16"

1/8" CABLE LENGTHS	MODEL
5'	4AS2-S4-5FT
10'	4AS2-S4-10FT
15'	4AS2-S4-15FT
20'	4AS2-S4-20FT
25'	4AS2-S4-25FT
30'	4AS2-S4-30FT
40'	4AS2-S4-40FT
50'	4AS2-S4-50FT
60'	4AS2-S4-60FT
70'	4AS2-S4-70FT

3/16" CABLE LENGTHS	MODEL
5'	6AS2-S6-5FT
10'	6AS2-S6-10FT
15'	6AS2-S6-15FT
20'	6AS2-S6-20FT
25'	6AS2-S6-25FT
30'	6AS2-S6-30FT
40'	6AS2-S6-40FT
50'	6AS2-S6-50FT
60'	6AS2-S6-60FT
70'	6AS2-S6-70FT



Step 2: Choose Swageless Tensioning Fitting

See page 248 for Metal

See page 252 for Wood

Step 3: Choose Swageless Non-Tensioning Fitting

See page 249 for Metal

See page 253 for Wood

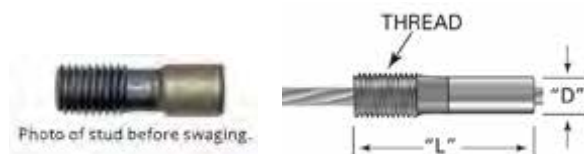
Step 4: Choose Accessories

See page 254-256

SWAGED TENSIONING FITTINGS FOR METAL POSTS

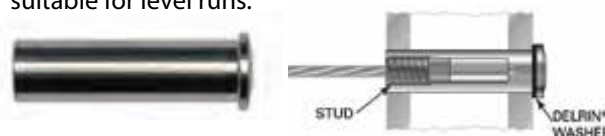


The **Invisiware® Stud** is swaged onto the end of the cable and used with the Invisiware® Receiver.



CABLE DIA.	ITEM NO.	THREAD	"L"	"D" DIAMETER AFTER SWAGED
1/8"	S-4	5/16-24	1.180"	.250"
3/16"	S-6	5/16-24	1.140"	.250"

The **Invisiware® Receiver** is to be used with the Invisiware® Stud. This combination is a concealed, swaged, tensioning, through-the-post-mounted fitting that is suitable for level runs.

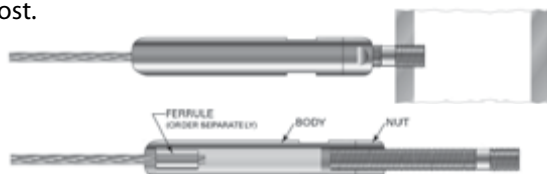


FRAMING OPTIONS FOR INVISIWARE® RECEIVER

CABLE DIA. FRAME OPTIONS	1/8" CABLE ITEM NO.	3/16" CABLE ITEM NO.	LENGTH
1-1/2" Tube* or 1-1/4" Pipe	R-6-12	R-6-12	1.56"
1-1/2" Pipe	R-6-22	R-6-22	1.81"
2" x 2" Tube*	R-6-32	R-6-32	2.03"
2" Pipe	R-6-42	R-6-42	2.30"
2-3/8" Tube*	R-6-72	R-6-72	2.405"
2-1/2" Tube*	R-6-82	R-6-82	2.53"
3" Tube*	R-6-52	R-6-52	3.03"
3-1/2" Tube*	R-6-62	R-6-62	3.5625"

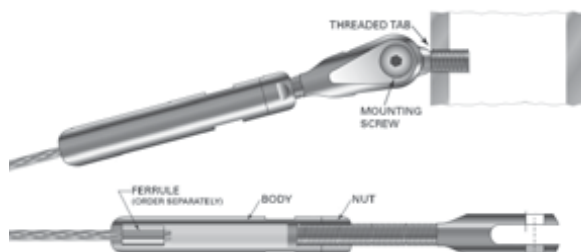
*ROUND OR SQUARE TUBE

Adjust-A-Body® w/Threaded Bolt can be used with any fitting on the opposite end of the run. The short thread of the threaded bolt portion of the fitting is secured into a pre-drilled and tapped hole in the end post.



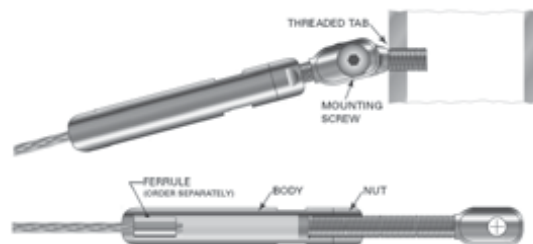
CABLE DIA.	ITEM NO.	USE WITH FERRULE
1/8"	A-JTB6	F-4
3/16"	A-JTB6	F-6

Adjust-A-Jaw® and Threaded Tab fitting attaches to the end post by installing a Threaded Tab into a pre-drilled and tapped hole in the end post and attaching the threaded jaw portion of the fitting to the threaded tab with a button head screw.



CABLE DIA.	ITEM NO.	USE WITH FERRULE	USE WITH SCREW	USE WITH TAB
1/8"	A-J62	F-4	SC-6	TT-6B
3/16"	A-J62	F-6	SC-6	TT-6B

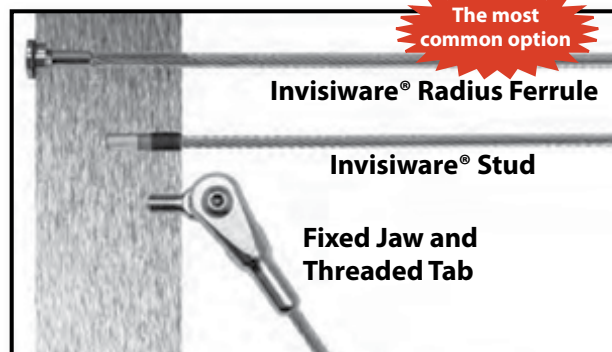
Adjust-A-Body® w/Threaded Eye and Threaded Tab fitting attaches to the end post by installing a Threaded Tab into a pre-drilled and tapped hole in the end post and attaching the threaded eye portion of the fitting to the threaded tab with a button head screw.



CABLE DIA.	ITEM NO.	USE WITH FERRULE	USE WITH SCREW	USE WITH TAB
1/8"	A-JTE6	F-4	SC-6	TT-6B
3/16"	A-JTE6	F-6	SC-6	TT-6B

Some fittings also available for 1/4", 5/16" and 3/8" dia. cable.

SWAGED NON-TENSIONING FITTINGS FOR METAL POSTS



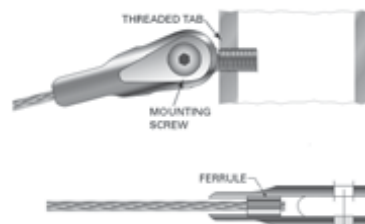
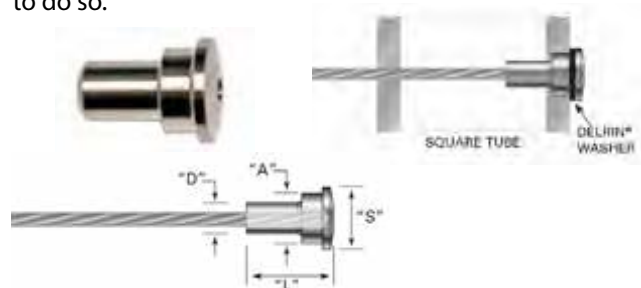
The **Invisiware® Stud** can be used as a non-tensioning end in level or pitched applications. It is swaged onto one end of the cable and threaded into a drilled and tapped hole in the face of the post. This fitting would typically be paired with an Invisiware® Receiver and Stud tensioning fitting on the opposite end. This method of using an Invisiware® Stud as a non-tensioning end is restricted to interior applications.



CABLE DIA.	ITEM NO.	THREAD	"L"	"D" DIAMETER AFTER SWAGED
1/8"	S-4	5/16-24	1.180"	.250"
3/16"	S-6	5/16-24	1.140"	.250"

The **Invisiware® Radius Ferrule** fitting has a head shaped to appear like the Invisiware® Receiver from the outside of the post (like the Invisiware® Receiver, the Invisiware® Radius Ferrule is concealed within the post). For these two reasons it is recommended to use the Invisiware® Radius Ferrule on one end of your cable run and an Invisiware® Receiver and Stud on the opposite end whenever practical to do so.

Fixed Jaw and Threaded Tab fitting attaches to the metal end post by installing a Threaded Tab into a pre-drilled and tapped hole in the end post and attaching the Fixed Jaw to the threaded tab with a button head screw. The cable is retained within the Fixed Jaw fitting by a ferrule swaged onto the end of the cable.



CABLE DIA.	ITEM NO.	"D" DIA. AFTER SWAGED	"L" LENGTH AFTER SWAGED	"S" HEAD DIA.	"A" SHOULDER DIA.
1/8"	RF-4	.250"	.750"	.537"	.437"
3/16"	RF-6	.250"	.750"	.537"	.437"

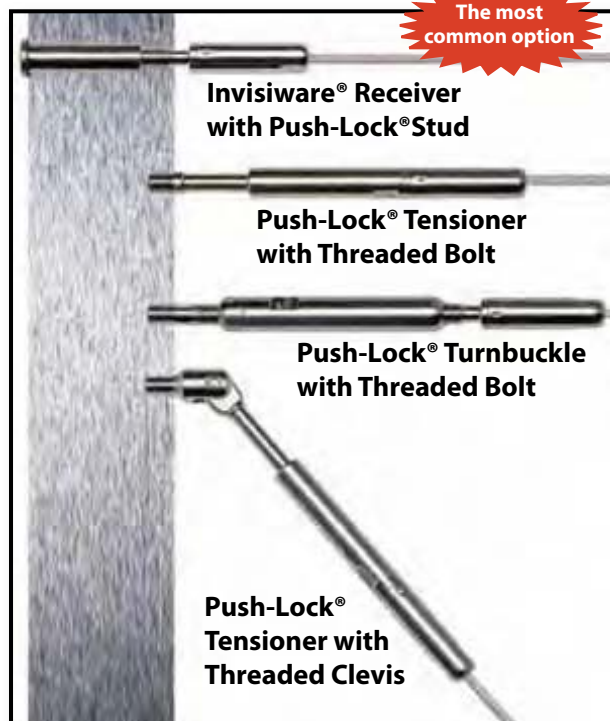
CABLE DIA.	ITEM NO.	USE WITH FERRULE	USE WITH SCREW	USE WITH TAB
1/8"	F-J62	F-4	SC-6	TT-6B
3/16"	F-J62	F-6	SC-6	TT-6B

Scan the QR Code to view a video which demonstrates swaging Ferrules onto Cable.



Some fittings also available for 1/4", 5/16" and 3/8" dia. cable.

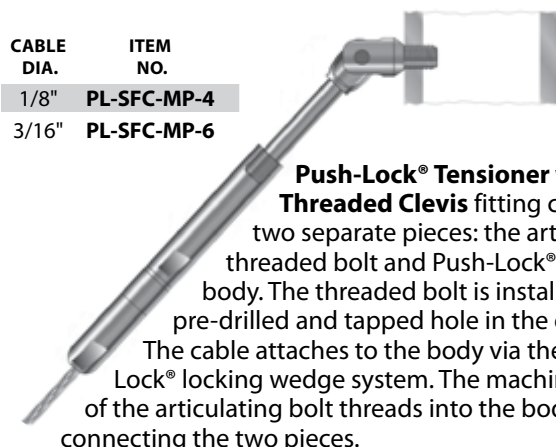
SWAGELESS TENSIONING FITTINGS FOR METAL POSTS



Push-Lock® Tensioner w/Threaded Bolt fitting consists of two separate pieces: the threaded bolt and Push-Lock® tensioning body. The threaded bolt is installed into a pre-drilled and tapped hole in the end post. The cable attaches to the fitting via the Push-Lock® locking wedge system. The body threads onto the other end of the bolt, connecting the two pieces.



CABLE DIA.	ITEM NO.
1/8"	PL-SFC-MS-4
3/16"	PL-SFC-MS-6



CABLE DIA.	ITEM NO.
1/8"	PL-SFC-MP-4
3/16"	PL-SFC-MP-6

Push-Lock® Tensioner w/ Threaded Clevis fitting consists of two separate pieces: the articulating threaded bolt and Push-Lock® tensioning body. The threaded bolt is installed into a pre-drilled and tapped hole in the end post. The cable attaches to the body via the Push-Lock® locking wedge system. The machine thread of the articulating bolt threads into the body, connecting the two pieces.

Invisiware® Receiver with Push-Lock® Stud fitting requires that a minimum of 2-1/2" of clearance exists on the back side of the end post to install the Receiver into the post. The Receiver is furnished with a Delrin® washer that is installed between the shoulder of the fitting and the end post to protect the surface of the finish of the end post as tension is applied.



Push-Lock® Stud attaches manually with no special tools required. The cable attaches to the fitting via the Push-Lock® locking wedge system.

CABLE DIA.	SWAGELESS. PUSH-LOCK STUD
1/8"	PLST-4
3/16"	PLST-6



Choose an **Invisiware® Receiver** to be used with the Push-Lock® Stud.



FRAMING OPTIONS FOR INVISIWARE® RECEIVER

CABLE DIA. FRAME OPTIONS	1/8" CABLE ITEM NO.	3/16" CABLE ITEM NO.	LENGTH
2" Pipe	R-6-42	R-6-42	2.30"
2-3/8" Tube*	R-6-72	R-6-72	2.405"
2-1/2" Tube*	R-6-82	R-6-82	2.53"
3" Tube*	R-6-52	R-6-52	3.03"
3-1/2" Tube*	R-6-62	R-6-62	3.5625"

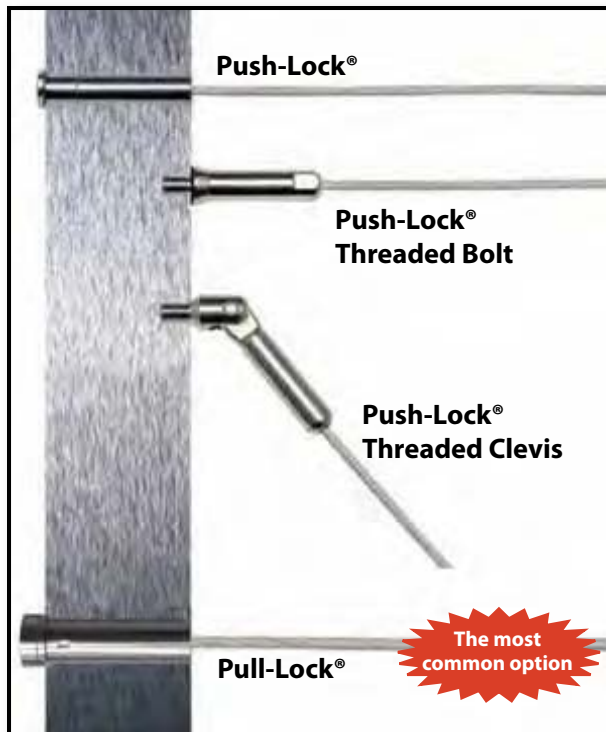
*ROUND OR SQUARE TUBE

Push-Lock® Turnbuckle w/Threaded Bolt fitting consists of four separate pieces: the threaded bolt, the body, the lock nut, and the Push-Lock® Stud. The short thread of the threaded bolt is secured into a pre-drilled and tapped hole in the face of the end post. The lock nut is installed all the way onto the exposed machine thread of the threaded bolt first, followed by the body. The Push-Lock® Stud threads into the body, and the cable attaches to the stud fitting via the Push-Lock® locking wedge system.

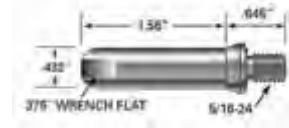


CABLE DIA.	ITEM NO.
1/8"	PL-TB-TB-4
3/16"	PL-TB-TB-6

SWAGELESS NON-TENSIONING FITTINGS FOR METAL POSTS



The **Push-Lock® Threaded Bolt** fitting is installed into a pre-drilled and tapped hole. This fitting is furnished with a Delrin® washer that is installed between the shoulder of the fitting and the end post to protect the surface of the end post.



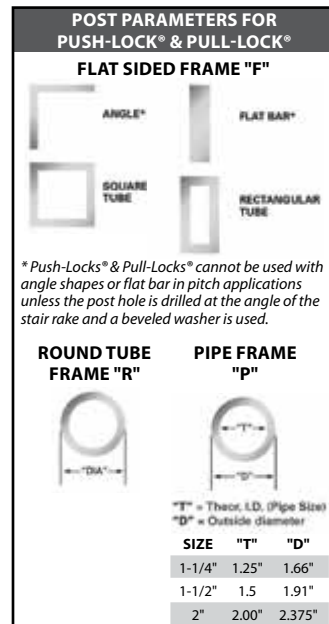
CABLE DIA.	ITEM NO.
1/8"	PL-FM-MS-4
3/16"	PL-FM-MS-6

The **Push-Lock® Threaded Clevis** fitting is installed into a pre-drilled and tapped hole in the end post. The cable attaches to the body via the Push-Lock® locking wedge system.

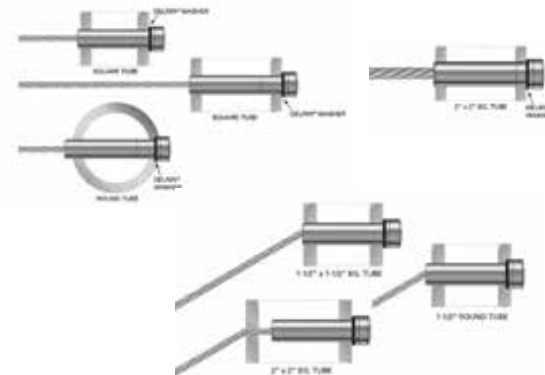


CABLE DIA.	ITEM NO.
1/8"	PL-CL-RP-4
3/16"	PL-CL-RP-6

The **Push-Lock®** fitting is installed into a pre-drilled hole in the end post. Using the Push-Lock® fitting requires enough clearance on the back side of the end post. The amount of clearance depends on the length of the Push-Lock® fitting chosen.



The **Pull-Lock®** fitting is installed into a pre-drilled hole in the end post. Using the Pull-Lock® fitting on level or pitched runs requires enough clearance on the back side of the end post to install the fitting through the back side of the post. That amount of clearance depends on the length of Pull-Lock® chosen.



METAL FRAMING OPTIONS FOR PULL-LOCK® FITTINGS

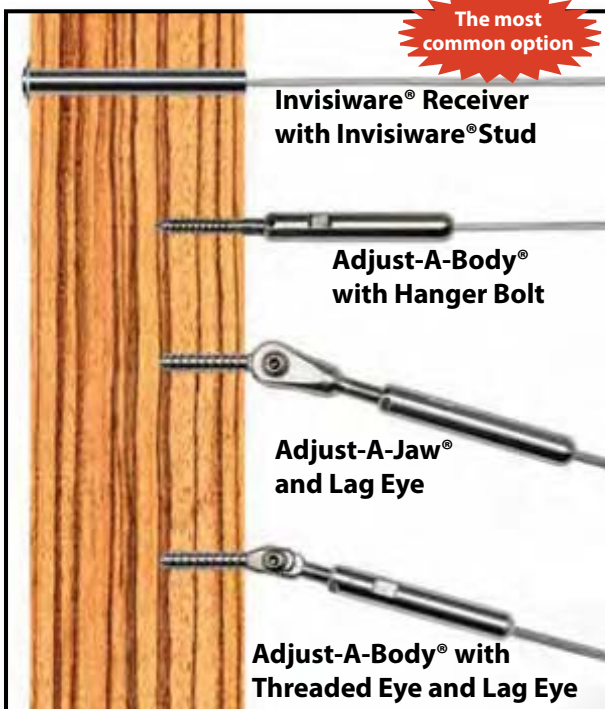
FRAME "F"	FRAME "R"	FRAME "P"	1/8" CABLE ITEM NO.	3/16" CABLE ITEM NO.	"L" LENGTH
1-1/2"	1-1/2"	1-1/4"	PUL-4-12	PUL-6-12	1.562"
N/A	N/A	1-1/2"	PUL-4-1.810	PUL-6-1.810	1.810"
2"	2"	N/A	PUL-4-2.030	PUL-6-2.030	2.030"
N/A	N/A	2"	PUL-4-2.300	PUL-6-2.300	2.300"
2-3/8"	2-3/8"	N/A	PUL-4-2.375	PUL-6-2.375	2.375"
3"	3"	N/A	PUL-4-3.030	PUL-6-3.030	3.030"
2-1/2"	2-1/2"	2-1/2"	PUL-4-2.530	PUL-6-2.530	2.530"
3-1/2"	3-1/2"	3"	PUL-4-3.030	PUL-6-3.030	3.030"

METAL FRAMING OPTIONS FOR PUSH-LOCK® FITTINGS

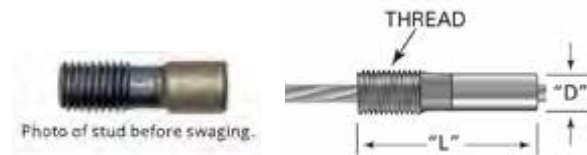
FRAME "F"	FRAME "R"	FRAME "P"	1/8" CABLE ITEM NO.	3/16" CABLE ITEM NO.	"L" LENGTH
1-1/2"	1-1/2"	1-1/4"	PL-4-12	PL-6-12	1.562"
2"	2"	1-1/2"†	PL-4-2.030	PL-6-2.030	2.030"
3"	3"	N/A	PL-4-3.030	PL-6-3.030	3.030"

† will protrude from cable side of post +/- 1/8"

SWAGED TENSIONING FITTINGS FOR WOOD POSTS



The Invisiware® Stud is swaged onto the end of the cable and used with the Invisiware® Receiver.



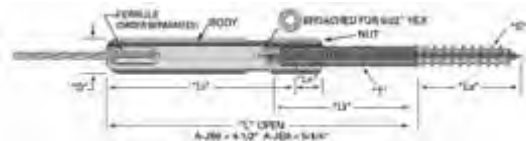
CABLE DIA.	ITEM NO.	THREAD	"L"	"D" DIAMETER AFTER SWAGED
1/8"	S-4	5/16-24	1.180"	.250"
3/16"	S-6	5/16-24	1.140"	.250"

The Invisiware® Receiver w/Invisiware® Stud fitting is placed and concealed within a pre-drilled hole in the wood end post (a minimum of 3" of clearance must exist on the back side of the post). It is recommended that a stainless steel flat washer be placed between the fitting shoulder and the mating surface of the wood post. The stud is swaged onto one end of the cable and is inserted and threaded into the Receiver installed in the end post.

CABLE DIA.	ITEM NO.
1/8"	R-6-62
3/16"	R-6-62

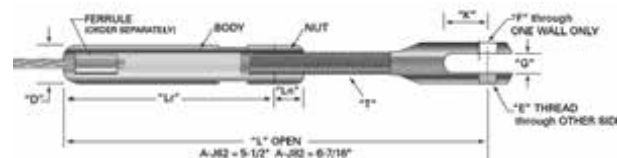


Adjust-A-Body® w/Hanger Bolt. The lag thread of the hanger bolt portion of the fitting is driven into a pre-drilled hole in the wood end post. The cable is retained within the body portion of the fitting by a ferrule swaged onto the end of the cable. The lock nut is installed all the way onto the hanger bolt first, followed by the body, which is secured onto the hanger bolt, creating tension on the cable. Once sufficient tension is achieved, the lock nut is secured against the end of the body to prevent the fitting from loosening.



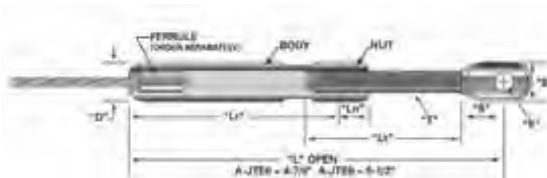
CABLE DIA.	ITEM NO.	USE WITH FERRULE
1/8"	A-JB6	F-4
3/16"	A-JB6	F-6

Adjust-A-Jaw® and Lag Eye fitting attaches to the end post by installing a Threaded Tab into a pre-drilled and tapped hole in the end post and attaching the threaded jaw portion of the fitting to the threaded tab with a button head screw.



CABLE DIA.	ITEM NO.	USE WITH FERRULE	USE WITH SCREW	USE WITH LAG EYE
1/8"	A-JJ6	F-4	SC-6	LE-6
3/16"	A-JJ6	F-6	SC-6	LE-6

Adjust-A-Body® w/Threaded Eye and Lag Eye fitting attaches to the wood end post by installing a Lag Eye into a pre-drilled hole in the end post and attaching the threaded eye portion of the fitting to the lag eye with a button head screw.



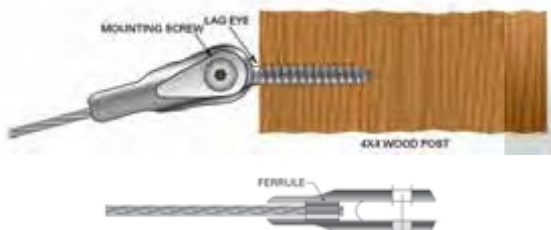
CABLE DIA.	ITEM NO.	USE WITH FERRULE	USE WITH SCREW	USE WITH LAG EYE
1/8"	A-JTE6	F-4	SC-6	LE-6
3/16"	A-JTE6	F-6	SC-6	LE-6

Some fittings also available for 1/4", 5/16" and 3/8" dia. cable.

SWAGED NON-TENSIONING FITTINGS FOR WOOD POSTS

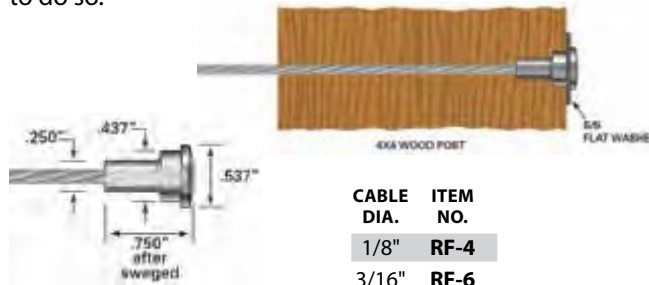


Fixed Jaw w/Lag Eye fitting attaches to the wood end post by installing a Lag Eye into a pre-drilled hole in the end post and attaching the Fixed Jaw to the lag eye with a button head screw. The cable is retained within the Fixed Jaw by a ferrule swaged onto the end of the cable.



CABLE DIA.	ITEM NO.	USE WITH FERRULE	USE WITH SCREW	USE WITH LAG EYE
1/8"	F-J62	F-4	SC-6	LE-6
3/16"	F-J62	F-6	SC-6	LE-6

The **Invisiware® Radius Ferrule** fitting has a head shaped to appear like the Invisiware® Receiver from the outside of the post (like the Invisiware® Receiver, the Invisiware® Radius Ferrule is concealed within the post). For these two reasons it is recommended to use the Invisiware® Radius Ferrule on one end of your cable run and an Invisiware® Receiver and Stud on the opposite end whenever practical to do so.

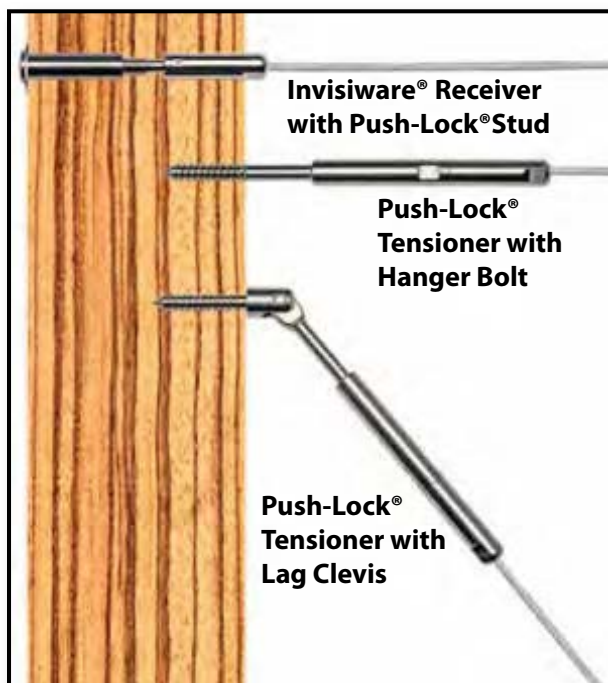


You can use this fitting on a pitched application by installing a post protector tube into the face of the post where the cable exits at an angle. The post protector tube protects the face of the post from abrasion and furrowing as the cable is tensioned. The post protector tube is sold separately.

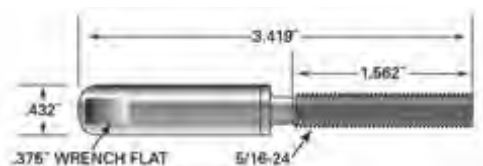
CS-TUBE
For 1/8" & 3/16"
Cable



SWAGELESS TENSIONING FITTINGS FOR WOOD POSTS

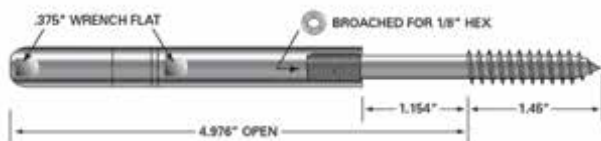


Push-Lock® Stud attaches manually with no special tools required. The cable attaches to the fitting via the Push-Lock® locking wedge system.



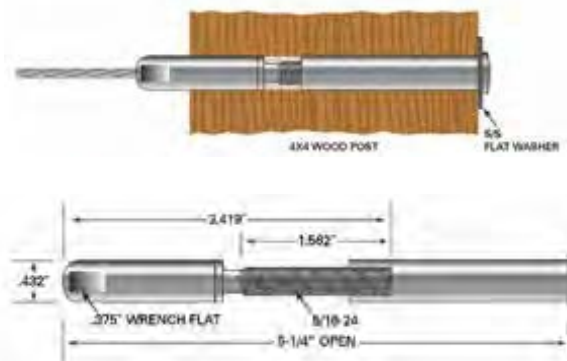
CABLE DIA.	ITEM NO.
1/8"	PLST-4
3/16"	PLST-6

Push-Lock® Tensioner w/Hanger Bolt fitting consists of two separate pieces: the hanger bolt and Push-Lock® tensioning body. The hanger bolt is driven into a pre-drilled hole in face of the wood end post. The cable attaches to the body via the Push-Lock® locking wedge system. The machine thread of the hanger bolt threads into the body, connecting the two pieces.



CABLE DIA.	ITEM NO.
1/8"	PL-SFC-WS-4
3/16"	PL-SFC-WS-6

Invisiware® Receiver with Push-Lock® Stud fitting requires that a minimum of 2-1/2" of clearance exists on the back side of the end post to install the Receiver into the post. It is recommended that a stainless steel flat washer between the fitting shoulder and the mating surface of your wood post. The cable attaches to the Push-Lock® Stud fitting via the Push-Lock® locking wedge system.



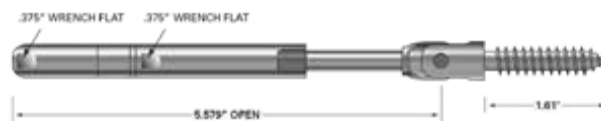
Choose an **Invisiware® Receiver** to be used with the Push-Lock® Stud.



POST SIZE OPTIONS FOR INVISIWARE® RECEIVER

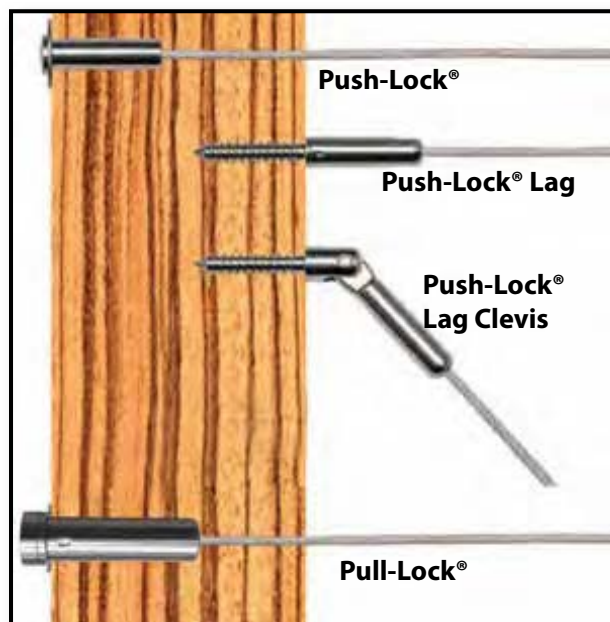
POST SIZE	ITEM NO.	LENGTH
4" x 4"	R-6-42	2.30"
4" x 6" or 6" x 6"	R-6-62	3.56"

Push-Lock® Tensioner w/Lag Clevis fitting consists of two separate pieces: the articulating lag and the Push-Lock® tensioning body. The lag is driven into a pre-drilled hole in the wood end post. The cable attaches to the body via the Push-Lock® locking wedge system. The machine thread of the articulating lag threads into the body, connecting the two pieces.

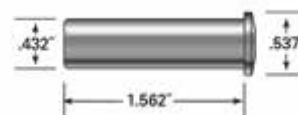


CABLE DIA.	ITEM NO.
1/8"	PL-SFC-WP-4-1
3/16"	PL-SFC-WP-6-1

SWAGELESS NON-TENSIONING FITTINGS FOR WOOD POSTS

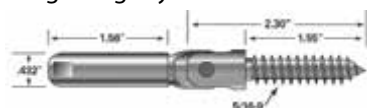


Push-Lock® fitting is installed into a pre-drilled hole in the end post. Using the Push-Lock® fitting on level runs requires that a minimum of 1-1/2" of clearance exists on the back side of the end post. It is also recommended that a stainless steel flat washer be installed between the shoulder of the fitting and the mating surface of the wood post. The cable attaches to the fitting via the Push-Lock® locking wedge system.



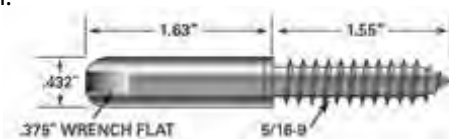
CABLE DIA.	ITEM NO.
1/8"	PL-4-12
3/16"	PL-6-12

Push-Lock® w/Lag Clevis fitting is installed into a pre-drilled hole in the wood end post. Drive the lag thread into the hole until the fitting shoulders on the post face. The cable attaches to the body via the Push-Lock® locking wedge system.



CABLE DIA.	ITEM NO.
1/8"	PL-LAG-CL-TE4-1
3/16"	PL-LAG-CL-TE6-1

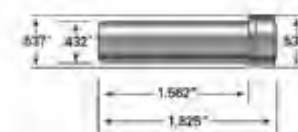
Push-Lock® Lag fitting is installed into a pre-drilled hole in the wood end post by rotating the fitting to drive the lag thread into the hole until the fitting shoulders on the post face. Because the wrench flat is at the back of the fitting, it can be used with sleeved posts as well. The cable attaches to the fitting via the Push-Lock® locking wedge system.



CABLE DIA.	ITEM NO.
1/8"	PL-LAG-4
3/16"	PL-LAG-6



Pull-Lock® fitting is installed into a pre-drilled hole in the end post. Using the Pull-Lock® fitting on level or pitched runs requires that a minimum of 1-1/2" of clearance exists on the back side of the end post. It is also recommended that a stainless steel flat washer be installed between the shoulder of the fitting and the mating surface of the wood post. The cable attaches to the fitting via the Push-Lock® locking wedge system.



CABLE DIA.	ITEM NO.
1/8"	PUL-4-12
3/16"	PUL-6-12

ACCOMPANYING FITTINGS FOR METAL POSTS

Invisiware® Threaded Tab for attaching an Adjust-A-Jaw® and Threaded Tab, Adjust-A-Body® with Threaded Eye and Threaded Tab, Fixed Jaw and Threaded Tab, Clip-On Fixed Jaw and Threaded Tab and Push-Lock® Threaded Eye and Threaded Tab.



CABLE DIA.	ITEM NO.
1/8" & 3/16"	TT-6B

Mounting Screw

Stainless steel steel socket-head screws for mounting an Adjust-A-Jaw® and Threaded Tab, Adjust-A-Body® with Threaded Eye and Threaded Tab, Fixed Jaw and Threaded Tab, Clip-On Fixed Jaw and Threaded Tab and Push-Lock® Threaded Eye and Threaded Tab.



CABLE DIA.	ITEM NO.	THREAD
1/8" & 3/16"	SC-6	1/4-28

The Ferrule is used for attaching the Adjust-A-Jaw® and Threaded Tab, Adjust-A-Body® with Threaded Bolt, Adjust-A-Body® with Threaded Eye and Threaded Tab, Fixed Jaw and Threaded Tab, Clip-On Fixed Jaw and Threaded Tab onto cable.



CABLE DIA.	ITEM NO.	AFTER SWAGED "D" DIA.	"L" LENGTH
1/8"	F-4	.25"	.61"
3/16"	F-6	.25"	.56"



ACCOMPANYING FITTINGS FOR WOOD POSTS

Stainless Steel Post Protector Tube will keep the cable from biting in the wood, the post protector tube is inserted into a wood post where the cable enters/exits the post at a angle.

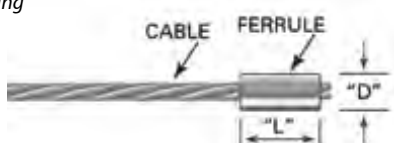
ITEM NO.	CABLE DIA.
CS-TUBE	1/8" & 3/16"



The Ferrule is used to retain an Adjust-A-Jaw®, Adjust-A-Body® or a Fixed Jaw onto cable.



CABLE DIA.	ITEM NO.	AFTER SWAGED "D" DIA.	"L" LENGTH
1/8"	F-4	.25"	.61"
3/16"	F-6	.25"	.56"

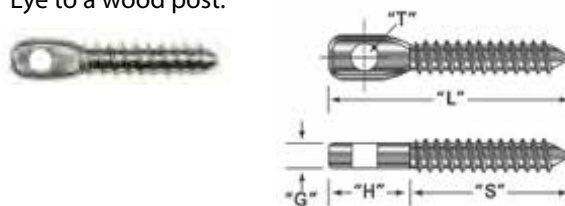


Stainless Steel Washer



ITEM NO.	WASHER O.D.	WASHER I.D.	CABLE DIA.
7/16SAE	59/64"	31/64"	1/8" & 3/16"

Lag Eye is a convenient, easy-to-install means for attaching an Adjust-A-Body® with Threaded Eye, Adjust-A-Jaw®, Fixed Jaw, or Push-Lock® with Threaded Eye to a wood post.



CABLE DIA.	ITEM NO.	"G"	"H"	"T"	"S"	"L"	MINIMUM TIMBER SIZE
1/8" & 3/16"	LE-6	.232"	.735"	.256"	1.50"	2.23"	4x4

Mounting Screw

Stainless steel socket-head screws for mounting an Adjust-A-Body® with Threaded Eye, Adjust-A-Jaw®, Fixed Jaw, or Push-Lock® with Threaded Eye.



CABLE DIA.	ITEM NO.	THREAD
1/8" & 3/16"	SC-6	1/4-28

OPTIONAL ACCESSORIES

Beveled Washers (for flat-sided frames only)

Made of stainless steel for use with Invisiware® Receivers, and Pull-Lock® fittings on stairways or slopes where you need to drill your end post holes at an angle.

PART NO.	CABLE DIA.	STAIR/SLOPE PITCH
BW32-6	1/8" / 3/16"	30°-33°
BW35-6	1/8" / 3/16"	34°-36°
BW38-6	1/8" / 3/16"	37°-39°



Isolation Bushing

ITEM: **B-687-562-437**

These bushings are placed over a fitting, such as the Receiver or Pull-Lock, before inserting into the post. By doing so the risk of bimetallic corrosion is reduced.



Stainless Steel Cleaner and Protectant

ITEM: **E-Z-CLEAN**

Dissolves minor corrosion, then leaves a protective coating that lasts for months. Includes an 8 oz. spray-on rust and stain remover and a 4 oz. bottle of protectant.



Stainless Steel Cable Brace

ITEM: **CB-34.5-SS-10**

1/4" x 1" x 36" high rails. Holes pre-drilled at 3-1/8" on center, 10 holes. For use between structural posts to keep cables code compliant on level runs. Weld to metal frames; use cable brace floor plates for attaching to wood. Type 316 Stainless Steel.



Stainless Steel Cable Brace Floor Plates

ITEM: **FLP-CBS**

For mounting cable braces to top or bottom rail or deck. 2-1/4" x 1-1/4" x 1/4" Type 316 Stainless Steel

Install with 1/4" flathead screw, purchased separately.



Cable Grommets

Sold in packages of 100



INTERMEDIATE POST MATERIAL (Not slotted for stairway)

CABLE DIA.	SCH. 40 PIPE 1-1/4", 1-1/2" AND 2"	SQUARE OR RECTANGULAR TUBE WITH .120 WALL	1/4" CABLE BRACE or SQUARE OR RECTANGULAR TUBE WITH .250 WALL	1/2" FLAT BAR
1/8" & 3/16"	G-C6-1	G-C6-2	G-C6-4	G-C6-.500

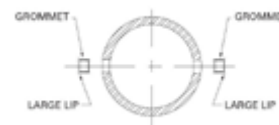
INTERMEDIATE POST MATERIAL SLOTTED FOR STAIRWAY PITCH UP TO 37°

CABLE DIA.	SCH. 40 PIPE 1-1/4", 1-1/2" AND 2"	SQUARE OR RECTANGULAR TUBE WITH .120 WALL	SQUARE OR RECTANGULAR TUBE WITH .250 WALL
1/8" & 3/16"	GI-C6-1	GI-C6-2	GI-C6-4

END POST MATERIAL USING RADIUS FERRULE, OR PULL-LOCK® FITTINGS*

CABLE DIA.	SCH. 40 PIPE 1-1/4", 1-1/2" AND 2"	SQUARE OR RECTANGULAR TUBE WITH .250 WALL
1/8" & 3/16"	G-C6-3	G-C6-4

* Cable grommets are not required for applications where the end fittings extend through both walls of post frames.



OPTIONAL ACCESSORIES

Swager Rentals

This Swager Rental Kit will be needed if you are wanting to cut and swage cables yourself in the field, we rent swager kits that come complete with the swager head, hydraulic pump, cable cutters, cable gripping pliers, and other tools to help ensure you have what you need to successfully complete your cable installation. The 650 kit comes with an electric pump; the 610 comes with a pump that requires a compressor. For the 610, you need to supply an air compressor to power the pump and the swager. Requirements are minimum 5.8 CFM at 90 psi and a minimum 20 gallon tank. Air pressure should be regulated to a minimum of 120 psi, not to exceed 140 psi.

ITEM: **610 Swager**
for 1/8" and 3/16"
cable only



ITEM: **650 Swager**
for all cable sizes



Cable Release

ITEM: **PL-KEY**

Releases cable from Push-Lock® and Pull-Lock® type fittings before cables are ensioned. For 1/8" cable only.



Cable Tension Gauge

ITEM: **PT-CR**

Check the tension on your cables with this easy to use gauge.



Cable Gripping Pliers

ITEM: **PLIERS**

Locking pliers with machined jaws to grip the cable as you are tensioning the cable. Keeps the cable from turning and prevents damage to the cable when cable is being tensioned.



Cable Cutters

For burr-free cutting of cable.

ITEM: **C-7**

To cut 1/8" cable

ITEM: **C-9**

To cut 3/16" or 1/4" cable



Cut-off Tool

ITEM: **CUT-OFF-KIT**

This tool is used to cut cable flush with the end of the Pull-Lock® fittings and to cut excess threads off stud-type tensioners. Includes mandrel and two cut-off wheels.



Pretensioner Tool

ITEM: **PRETENSIONER01**

Commercial Pre-Tensioner is recommended to be used when installing cable with lengths longer than 70' and threading through multiple posts. This tool allows you to pretension the cable at an intermediate post location. Use the gauge to guide the cable tension.

