

TENSIONER KIT FOR METAL POSTS

SKU #BM14-16-SE

TOOLS & SUPPLIES

- ❑ Tensioner kits for metal posts
- ❑ Cable Bullet installation kit
- ❑ 5/32" diameter cable
- ❑ Boeshield T-9® lubricant
- ❑ Socket wrench & 7/16" head
- ❑ Shop rags
- ❑ Hex socket power bit (*optional*)
- ❑ Cable spacer bar kits (*optional*)
- ❑ 3/4" painter's tape (*optional*)

1 SETTING TENSIONERS



Thread the tensioners into the post and use the Bullet driver **A** and a socket wrench and 7/16" socket to align them so the set screw is accessible relative to the angle of the cable.

2 LUBRICATING TENSIONERS



Apply a drop of Boeshield T-9 lubricant to the set screw channel of each tensioner to ease installation and reduce the likelihood of seizing, passivate the stainless, and help prevent corrosion.

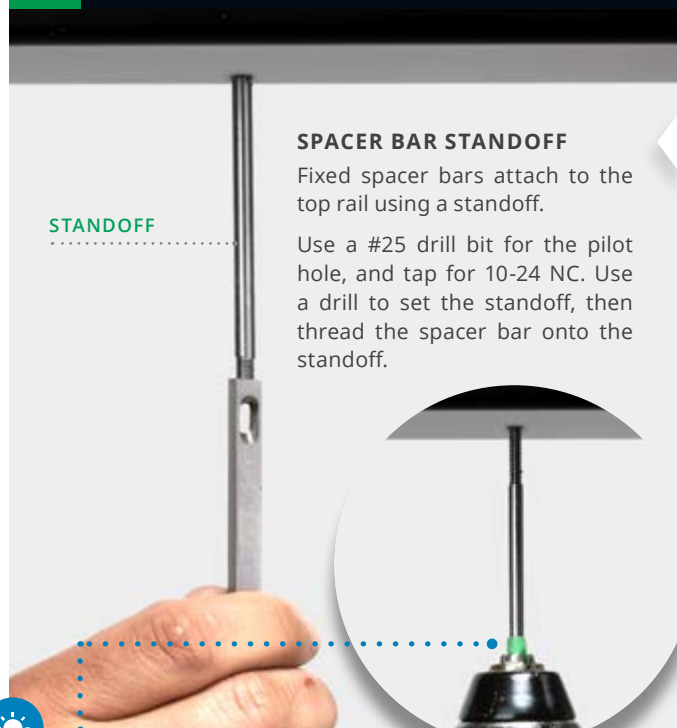
5 CRIMPING CABLE ENDS



Fit the first end of your cable with a lobed washer and crimp sleeve. Use the Cable Bullet crimper to firmly set the crimp. This should take 10-12 pumps. A properly crimped cable end will show a distinct hexagonal imprint pattern.

CAUTION: A properly crimped cable end is essential to maintaining the integrity and safety of your cable. A weak connection will slip over time or fail against an impact load!

3 FIXED SPACER BARS *Optional*



SPACER BAR STANDOFF

Fixed spacer bars attach to the top rail using a standoff.

Use a #25 drill bit for the pilot hole, and tap for 10-24 NC. Use a drill to set the standoff, then thread the spacer bar onto the standoff.

STANDOFF

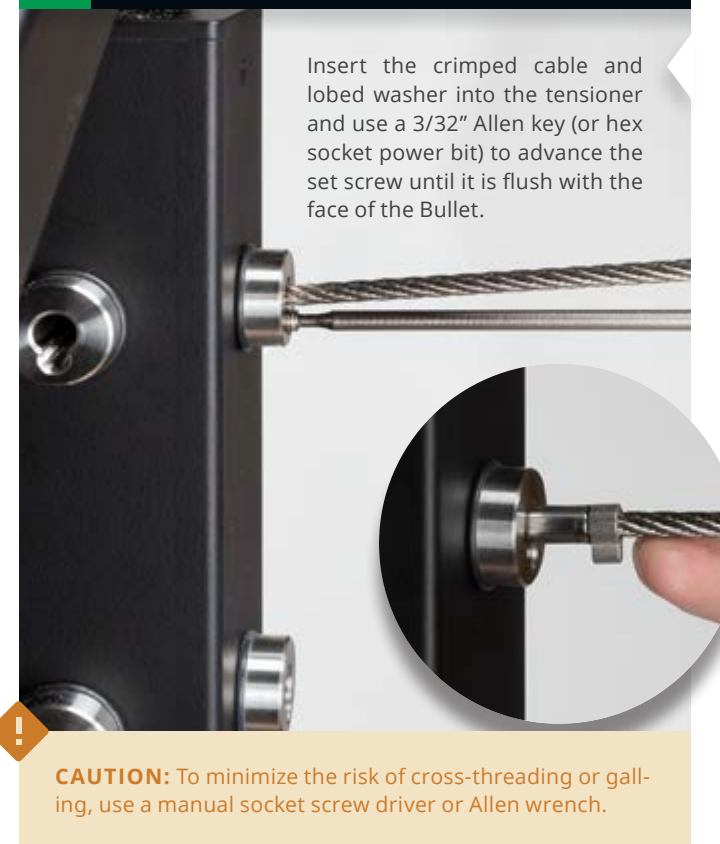
PRO TIP: Protect the finish and threads on your standoff during installation with a piece of painter's tape.

4 CUTTING ROUGH CABLE LENGTHS



Measure your runs and cut oversized, rough lengths of cable for each. Leave an extra few inches so as not to end up short. You will make a finish cut later.

6 SETTING CABLE ENDS



Insert the crimped cable and lobed washer into the tensioner and use a 3/32" Allen key (or hex socket power bit) to advance the set screw until it is flush with the face of the Bullet.

CAUTION: To minimize the risk of cross-threading or galling, use a manual socket screw driver or Allen wrench.

7 RUNNING CABLES



With the crimped end locked in place, thread your cable through all the intermediate posts and spacer bars.

PRO TIP: Tape your floating spacer bars to the closest post until all your cables are set.

8

CUTTING EXACT CABLE LENGTHS



Pull the cable hand-tight, measure an inch past the face of the tensioner, and make your finish cut.

Repeat steps #5 and #6 to secure the second end of your cable, then repeat the entire process for each of your cables.

9

FINAL TENSIONING



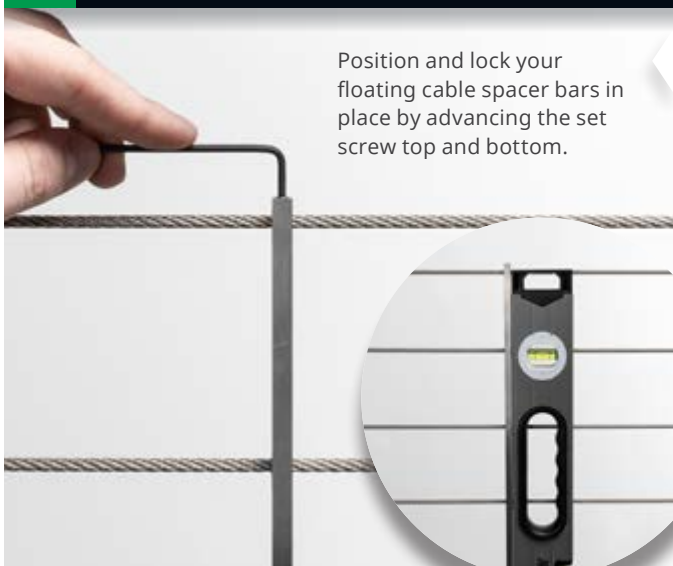
Once all your cables are in place, begin tensioning each run from the innermost cable outwards.

HOW TIGHT IS TIGHT ENOUGH?

Take care not to over-tighten the cables. A properly tensioned cable will deflect approximately 1/4" per foot under a 50# load.

10

SETTING SPACER BARS



Position and lock your floating cable spacer bars in place by advancing the set screw top and bottom.

WORKING WITH CUSTOM POSTS

Cable Bullet tensioners can be used for cable infill with custom metal railing. To make sure your posts are compatible with Cable Bullet tensioners, follow the guidelines below.

- ✓ **USE 2X2-INCH TUBING** (minimum) for strength, and to allow space for two sets of tensioners on opposing or perpendicular sides.
- ✓ **STEEL POSTS** should have a wall thickness of no less than 3/16". Drill a 19/32" pilot hole and tap for 5/8-18 threading.
- ✓ **ALUMINUM POSTS** should have a wall thickness of no less than 1/4". Drill a 37/64" pilot hole and tap for 5/8-18 threading.

After you've finished the installation process, follow the Cable Bullet care and maintenance instructions at:
www.cablebullet.com/blogs/guides

WE'RE HERE TO HELP!



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