

Swageless Ball End Tension Adjuster Installation Advice



Compression design to fit 4mm Ø 7x7 stainless steel wire rope.
Manufactured from 316 (marine) grade stainless steel.
Allows +/- 20mm adjustment.
Fits neatly into wire balustrade ball end mounting sockets.

Tools required :

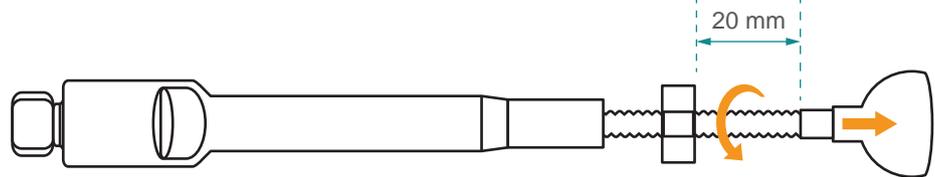
5mm open end spanner/wrench
8mm open end spanner/wrench
9mm open end spanner/wrench
10mm open end spanner/wrench
Wire rope cutters

Tip:

Before fitting the swageless ball end tensioner we recommend installing the fixed ball end fitting on to the opposite end of your wire rope, and the mounting sockets on to your posts (Fixed ball end and mounting sockets available separately). This will enable you to calculate the length of wire rope required before cutting.

1 Prepare Ball End Tensioner

Screw out the ball end to reveal approximately 20mm of thread, you will need this to apply your final wire tension once installed.

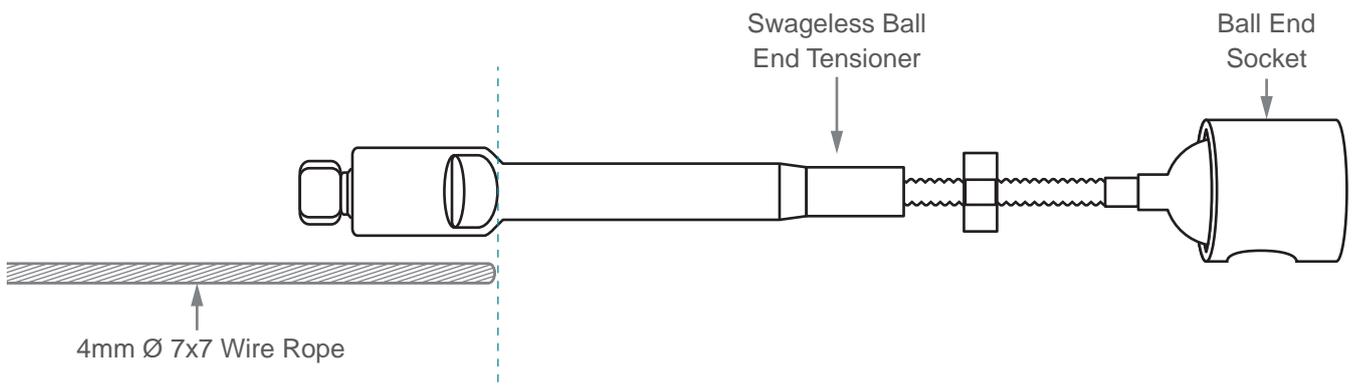


2 Mark Wire for Cutting

Insert ball end tensioner in to its mounting socket and pull the attached wire rope over from the other fixing post and align to the spanner flat of the DIY compression fitting.

Mark your wire ready for cutting with either a pen or chalk.

Note: The stand off from the mounting hub is 93mm when fully engaged.

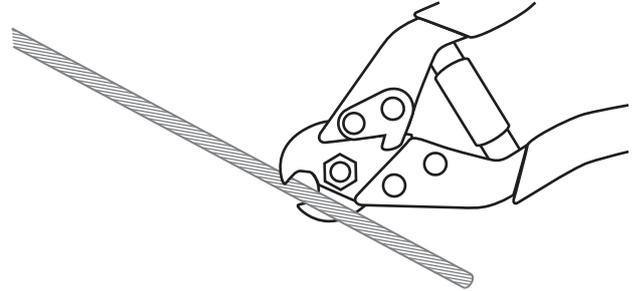


Swageless Ball End Wire Tension Adjuster Installation Advice

3 Cut Wire

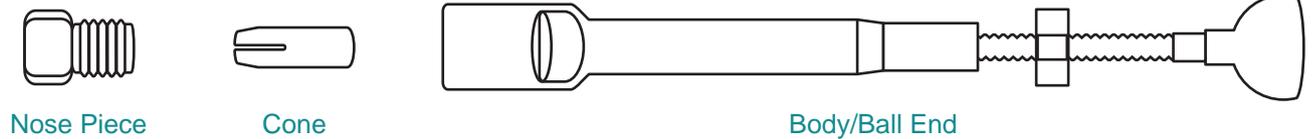
Cut your wire to required length, we recommend using a set of good wire rope cutters to give you a neat and tidy cut.

Remember - Measure Twice, Cut Once!
Please be as accurate as possible.



4 DIY Compression Fitting

The first step is to take apart your DIY compression fitting. Simply unscrew the nose piece and remove the cone from inside.



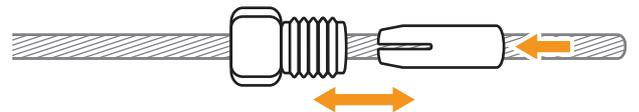
5 Thread Nose Piece onto Wire

Taking the blank wire end place the nose piece over the stainless steel wire rope (ensuring the thread end is towards the end of your wire).



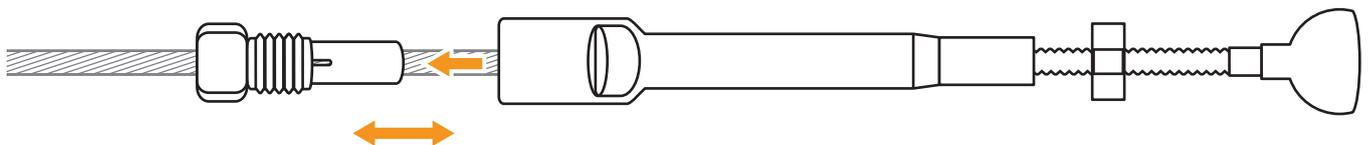
6 Thread Cone onto Wire

Thread the cone onto the wire and push into the threaded cone chamber.



7 Place Ball End onto Wire

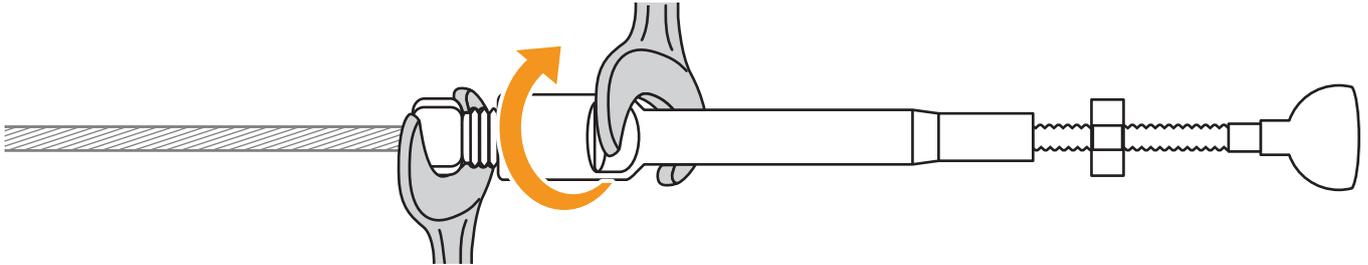
Take the stainless steel body and push onto the wire, bringing the three component parts together. Turn in opposite directions to thread them together.



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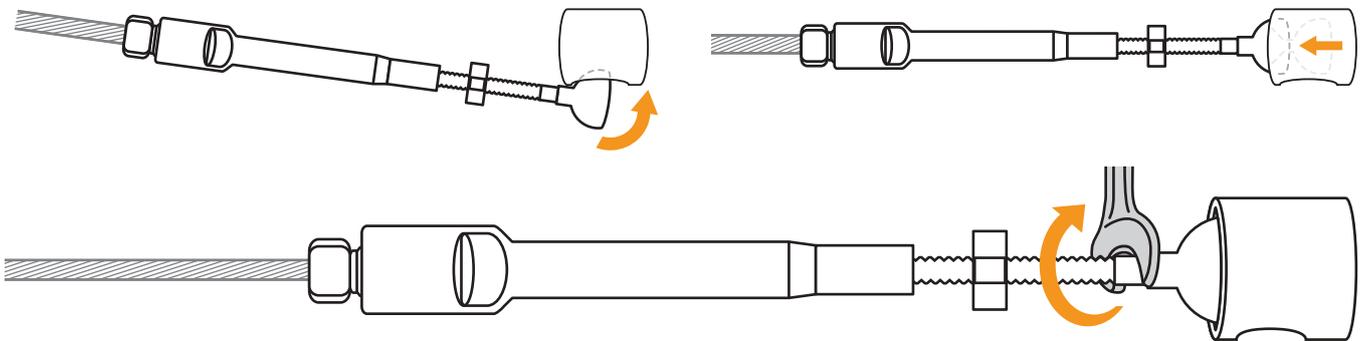
8 Secure Ball End Fitting

Using 8mm and 9mm spanners screw the two sections together until tight, the wire rope should be held firmly in place.



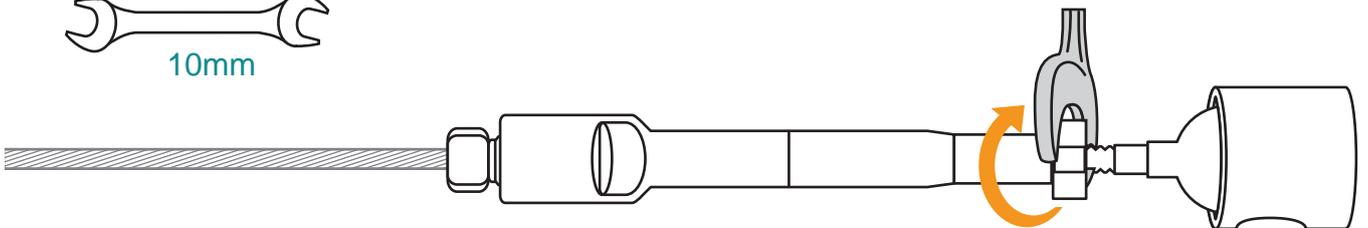
9 Tension Wire

Insert the DIY ball end into the fixing hole of the hub. Holding the tensioner body, use a 5mm spanner on the spanner flat just before the ball end to screw in the thread to tension wire rope.



10 Lock in Place

Once tension is achieved simply hold the tensioner body and tighten the lock nut in place using a 10mm spanner.



11 Check Wire tension

Once fully installed, we recommend double checking the wire tension, if needed adjust as required.