

Assembling A TECNI® M8 Balustrade - Stairway into Metal Posts

What you will need for each run of wire

602.000.060 - 6mm 1x19 A4-AISI 316 Stainless Steel Cable

160.880.060 – M8 RH A4-AISI 316 Female Threaded Self Assembly Terminal for 5mm & 6mm Cable

160.880.061 – M86 LH A4-AISI 316 Female Threaded Self Assembly Terminal for 5mm & 6mm Cable



105.021.908 316 Stainless Steel Eyebolt with Metric Thread



311.521.008 M8 LH 316 Stainless Steel Threaded Mini Jaw Terminal

311.520.008 M8 RH 316 Stainless Steel Threaded Mini Jaw Terminal



303.510.408 – M8 RH 316 Stainless Steel Hexagon Nut

303.511.408 – M8 LH 316 Stainless Steel Hexagon Nut

Optional

Felco C9 Wire Rope Cutter – Cat Code 104.000.009



First sort the fittings into Left hand and Right hand threaded units. All bags will be marked to help you.

1. Take the M8 Eyebolt with metric thread (**105.021.908**) and screw it fully into the top post of your stairway. Now do the same with the bottom post. Stretch a piece of string between the top eye and the bottom eye and mark the drilling positions for the cable to pass through any intermediate posts.
2. Fit the M6 LH 316 Stainless Steel Threaded Mini Jaw Terminal (**311.521.008**) to the Eyebolt to your left. Do the same with the M6 RH 316 Stainless Steel Threaded Mini Jaw Terminal (**311.469.408**) to the eyebolt on your right.
3. Next, screw a nut fully onto each of the protruding screws. These will later be used to lock the DIY fittings.
4. Screw a Left Hand M6 Female threaded assembly (**160.880.061**) half way onto the Left Hand threaded screw.
5. Screw a Right Hand M6 Female threaded assembly (**160.880.060**) half way onto the Right Hand threaded screw.
6. You are now ready to fit the wire rope. Measure the distance between the two fittings and add the depth of the hole in the fitting (45mm at each end). Cut the cable to this length.
7. Insert the cable fully into the left hand fitting and tighten the three Allen screws, ensuring that the rope is just visible in the inspection hole. Thread through any intermediate posts and then insert the cable into the right hand fitting and ensure that the cable is pulled hand tight to reduce the amount of adjustment.
8. Now the clever bit. By rotating the cable **and** both DIY fittings in one direction the cable will gradually tighten. Turn the assembly in the other direction and it will slacken. At this time it is best to just take up any slack as final tightening will be carried out after all of the ropes are in position.
9. Repeat steps 1 – 9 for the rest of the wires you intend to install.
10. Once you have all of the cables in place tighten them evenly and when you are satisfied the last step is to tighten all of the lock nuts and enjoy the view.

For video of the installation, go to www.tecni-cable.co.uk/balustrading.

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