INSTALLATION - MINI CLOTHESLINES: BRICK, STUD WALLS & ALL POSTS

BEFORE YOU START: CAUTION. Coastal Clotheslines recommends using a tradesperson for drilling into any walls or posts in case of exposing asbestos, electrical cables, gas pipes, water pipes and other dangers. Beware of heavy moving parts and only use to hang clothes on. Keep out of children's reach as this is not a climbing structure.
Personal Protection Equipment: **safety glasses, ear muffs, dust mask.**

KIT CONTENTS: Stainless steel brackets x 2, stainless cables swaged at one end x 2 DIY swageless stainless terminals & key. Hex nuts, dome nuts, washers, fixings & wire cutters & install instructions

TOOLS NEEDED- 13mm socket, ratchet, 2 x 10mm spanners, tape measure & pencil.

BRICK- Hammer drill, 7.5mm long series masonry drill bit (for wire-cut brick) or an 8mm long series masonry drill bit (clay brick/stone). If mounting into older brittle brick we recommend using ChemSet as per instructions.

STUDS- Drill, 6mm drill bit

POSTS (timber)-Drill, 6mm. (steel)- Nut & Bolt: 5mm drill bit & 8mm clearance drill bit. Tapping: 7mm drill bit & an M8 x 1.25 tap. Tapping lubricant.

DO NOT PRE-CUT CABLES AS BRACKETS ARE CURVED & LENGTHS VARY!

STEP 1.
INSTALLING THE FIRST BRACKET

1. Hold up your bracket to the desired height and location the back hole of the frame lined up with brick- not on a mortar line, wall or post and mark through the hole.
2. **a) BRICK:** Put the bracket down and drill the hole on the mark to 100mm DEPTH using the 7.5mm or 8mm masonry drill bit.

   b) STUD: Find 1st stud location. Drill pilot hole w 6mm drill bit to a depth of 70mm.

   c) POSTS - Timber: Drill the hole on the mark to 70mm DEPTH using the 6mm drill bit.

   d) POSTS - Steel: (nut & bolt): Pilot drill hole on the mark through the post skin using the 5mm drill bit follow with an 8mm clearance drill bit.

   e) POSTS - Steel (tapping): Drill a 7mm hole through post, lubricate hole using an M8 x 1.25 tap with a wrench or slowing moving drill in the post & out repeating to create the thread.
3. **a) BRICK:** Pick up screw (masonry M8 x 100mm GAL) and slide an M10 washer onto it and put it through the hole of the bracket and fasten screw 100% using a spanner or socket.

   b) STUD: Screw (coach bolt 8mm 316 Stainless steel) and slide M8 washer onto it & fix to wall to depth of 100% with spanner or socket.

   c) POST Timber: Pick up screw (coach bolt 8mm 316 stainless steel) and slide washer onto it and put it through the hole of the bracket & fasten to post to a depth of 100% using a spanner or socket.

   d) POST Steel: Nut & Bolt: pick up M8 bolt & slide M8 washer onto it and put it through the hole of the bracket & fasten through the post using spanner or socket. , placing M8 washer and Nyloc nut on the inside. Tapping: Tighten bolts to 100%.

STEP 2.
INSTALLING THE SECOND FRAME

1. Repeat the process as above for the first bracket within your cable length.

INSTALLING CABLES for ALL CLOTHESLINES - scan QR code

NOTE: Brackets are curved so cable lengths vary!

1. Swivel clothesline brackets up & insert linchpins into holes. 1st bracket - Thread every swaged cable through each hole pulling all the way through.
2. Now finger screw 2 hex nuts on every DIY terminal down the thread nipping the closest to the terminal base with a spanner.
3. 2nd bracket - Feed through every hole a DIY terminal allowing enough thread to screw on the 3rd hex nut and dome nut on the outer side. Now finger wind the inner hex nut in from the DIY terminal base towards the bracket to tighten.
4. Use the allen key to back off each grub screw in every DIY terminal to allow for cable insertion.
5. Stretch out the 1st cable closest to the wall over to the 2nd bracket, go beyond the DIY terminal, HOLD to the spot on the cable lining up just past the 2nd grub screw on the DIY terminal & cut with cutters provided.
6. Insert cable into the DIY terminal tightening with each grub screw w the allen key. Once approx. cable tension is set, further tighten outer hex nut to bracket. FINGER TIGHTEN ONLY.
7. Insert remaining cables as above cutting each cable as you go. FINGER TIGHTEN ONLY outer hex nuts until even tension is achieved on all cables. LASTLY nip up inner hex & outer dome nuts with 10mm spanner DO NOT OVER TIGHTEN.

TIGHTENING THE CABLES - scan QR code

1. Remove all outer dome nuts from DIY terminals with a spanner.
2. Loosen each inside hex nut closest to bracket with spanner and wind back a few turns.
3. Simultaneously whilst pushing the terminal through the bracket, HAND WIND the outside hex nuts towards the bracket on the terminal, working on each terminal and the lines will begin to tighten to even tension.
4. Tighten inside hex nuts against the bracket with a spanner.
5. Nip up outside dome nuts with a spanner to complete operation.

NOTE: Best practice for cable tension is achieved by hand tightening outer hex nuts & spanner tightening inner hex nuts.