

USE OF STAINLESS STEEL BANDING FOR ATTACHING TELENCO UNIVERSAL POLE BRACKETS TO WOOD AND HOLLOW POLES WITHIN THE BT NETWORK



EXECUTIVE SUMMARY:

This memo details the installation practice for attaching the Telenco Universal Pole Bracket (UPB) to wood and hollow poles. It details the item codes for the products to use for the attachment of the UPB.

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1. INTRODUCTION:

This memo has been issued to introduce the use of Stainless Steel Banding for the attachment of the Telenco Universal Pole Bracket (UPB) to wooden and hollow poles. It allows the fitting of a UPB to poles where it is not permissible to drill a hole and attach the UPB using Bolts Hex Head 300mm or 350mm. It is ideal for use on Joint User poles where permission can not be granted to drill a bolt hole through the pole to attach BT cable fixings.

Below is a copy of the instruction sheet including pictures, that will be issued with every banding installation tool.

PLEASE NOTE:- Some supplies of banding tools may have been issued without the instruction sheet.

PLEASE NOTE:- Make sure that you use personal safety equipment when installing /using the steel banding i.e Eye Shields and gloves to protect you from any sharp edges.

2. INSTALLATION PROCEDURE

- 1) Estimate the length of steel banding required to go around the pole and cut the appropriate length.
- 2) Bend back 2 - 3 cm of the banding & hammer flat. see (Fig 1).

Then thread the banding through buckle (fig 1.1), making sure that the ears are facing outwards, away from the pole (Fig 2).

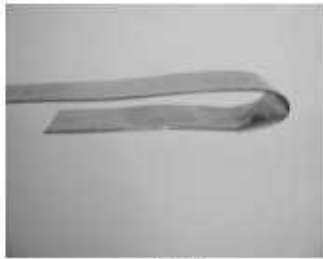


Fig 1



Fig 1.1



Fig 2

- 3) Pass the banding around the pole and through the top slot of the Universal Pole Bracket (UPB) (Fig3). Place the UPB and banding on the pole. Insert the end of banding through the buckle (see Figs 4 and 4.1)



Fig 3



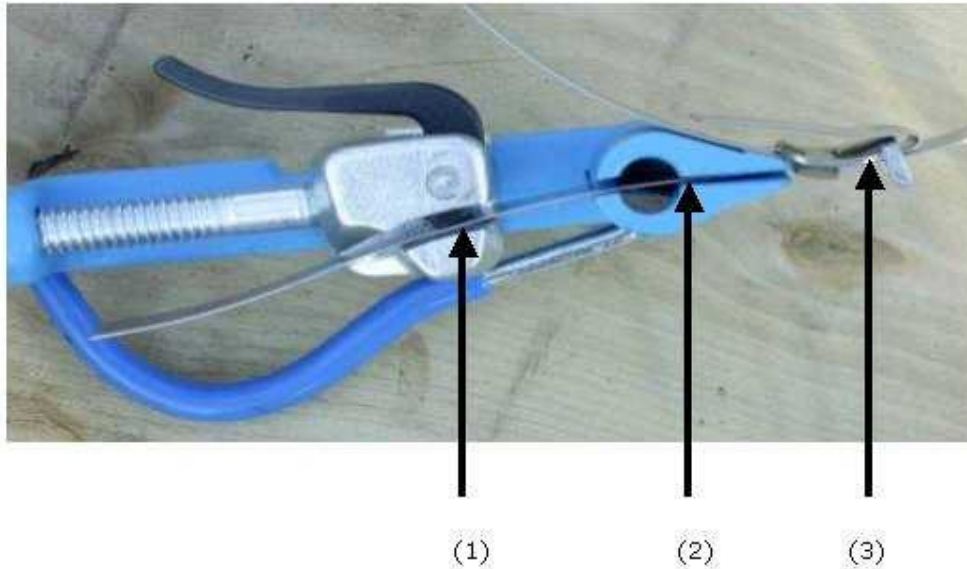
Fig 4



Fig 4.1

- 4) Ensure the UPB is correctly positioned on the pole before beginning to tighten the banding.
- 5) For clarity Figure 5 shows the banding in position but not attached to a pole. There are 2 slots in the tool. Pull the black handle (Spring loaded) away from main body to allow the steel banding to be inserted (slot1). The second slot (2) contains the cutting mechanism. The third arrow (3) shows the banding buckle.

Fig 5



- 6) Make sure the locking lever is closed down onto the Steel banding before tightening up.
- 7) Wind handle in a clockwise direction ensuring that the banding is being tightened in a straight pull (Fig.6 and Fig 6.1)



Fig 6



Fig 6.1

(8) When banding is tightened sufficiently, move the tool in excess of 90° towards the buckle (fig 7), then use the cutting lever (blue handle) to cut the banding by pulling it away from the main body of the banding tool and forward towards the pole (Fig 7.1) until the steel banding is cut.



Fig 7



Fig 7.1

9) Remove the tool (Fig 8) and bend back the end of the steel (Fig 8.1) and close the ears of the buckle by tapping with a hammer (Fig 8.2).

Bend the Steel back after it is cut



Fig 8



Fig 8.1



Fig 8.2

10) Complete the same procedure for the lower slot of the Universal Pole Bracket Fig 9 and 9.1).



Fig 9



Fig 9.1

11) If two brackets are required the process is the same as above. Ensure the two brackets are correctly aligned for the required terminations before applying tension.



Fig 10

4. SUMMARY

Universal Pole Bracket (UPB) attachment to wood poles without drilling hole through pole. Useful for use on Joint User poles.

Cheaper method of attaching light weight aerial cables to hollow poles that do not have welded loops (Retaining catenary wire for Full Termination using Grips Wire Suspension) or Collar Hollow Poles already attached.

Simple and quick to install.