

# GENERAL NOTES ON STRANDVISE AUTOMATIC DEADENDS

Strandvise Automatic Deadends were designed for providing a termination to guy lines supporting utility posts. They are fundamentally designed as a one-use product although they are often used to terminate catenary wires. There is a small slot in the side of the body which allows a screwdriver to be inserted to release the wire gripping cams. The adjustment slot was designed to initially re-position the Deadend during the first installation. Continual sliding of the product along galvanised wires could lead to the cams wearing or being blocked by galvanising deposits. As there is no access inside the enclosed body to inspect the cams it is our opinion that a log should be kept of the products use and the use should be limited so that cam wear or clogging with galvanising deposits is unlikely to occur.

To inspect a Deadend whilst in use, we would recommend you look for any slackness in previously tensioned wires and for any signs of slippage. Inspect carefully for any signs of corrosion or heat marks such as scorch marks or welding splatter, and for any nicks, cracks, gouges or contamination. Look for any signs of stress on the crown of the loop.

The items should be individually marked before putting into service. Not designed for dynamic loads. Rated to hold a minimum of 90% of the RBS of the strand used.

## INSTRUCTION SHEET FOR AUTOMATIC DEADENDS [Bullets]

This sheet applies to Flint product codes

WIR5199 (marked  $\frac{3}{16}$ STR) and suits cables from 3.5-5.4mm diameter  
WIR5200 (marked  $\frac{5}{16}$  or  $\frac{9}{32}$ STR) and suits cables from 5.4-6.8mm diameter  
WIR5201 (marked  $\frac{1}{4}$  or  $\frac{7}{32}$ STR) and suits cables from 6.8-8mm diameter

Flints warehouse location -UFR40

These fittings are very easy to fit, just follow the simple instructions below

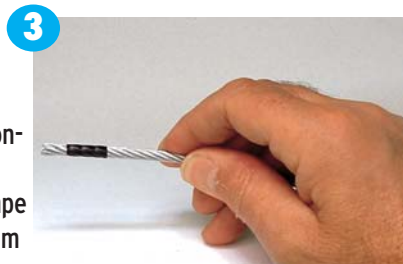
Each deadend comes packaged in a sealed polythene bag with printed instructions.



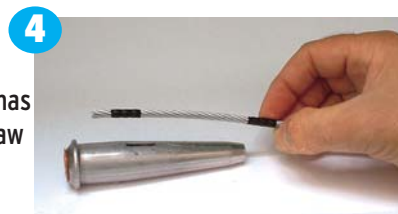
Inside the bag you will find these three components.



The end of the wire to be inserted must have a clean cut with all the strands correctly laid. If you are concerned about the strands unlaying wrap some PVC tape around the cable about 6mm above the cut to leave the end clear ready for insertion.



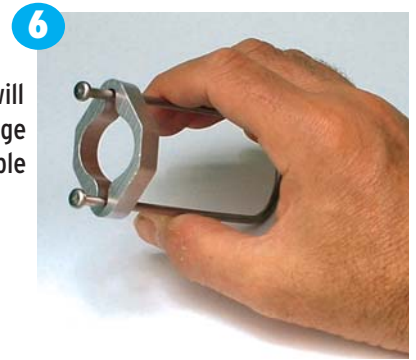
A second mark can be made anywhere along the cable so long as the wire has fully passed through the jaw mechanism.



The other two components can be clipped together at this stage.



When they are together, as shown, they will slide over the main body. You will need to do this at this stage if the other end of the cable is already terminated or fixed off.



Now carefully insert the clean cut end of the cable 6mm into the "pilot cup" which is at the narrow end of the body. Ensure that the cable and deadend are free from grease or contaminants as this could cause failure.



Remove your first tape marker (if used) before pushing the wire fully home in one even stroke until it reaches your second mark.



Once fully home your second tape marker can be removed.



The final assembly will look like this. If your second mark was further up the cable wire will be shown protruding from the body. The deadend can be further slid up the cable at a later stage if necessary.



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