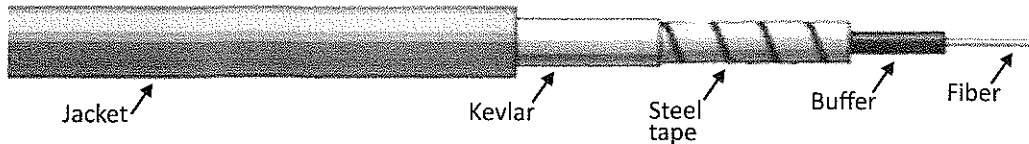


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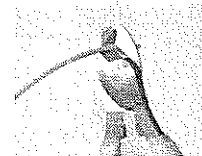
Steel Tape Removal Tool Instruction Sheet

Warning! This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

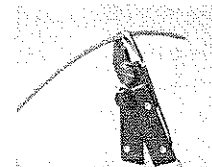
The steel tape removal tool is designed to remove the steel tape armoring in the fiber optic cable.



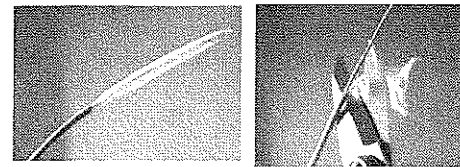
Step 1 Cut the optical cable with a steel cutter e.g. the CCS 22



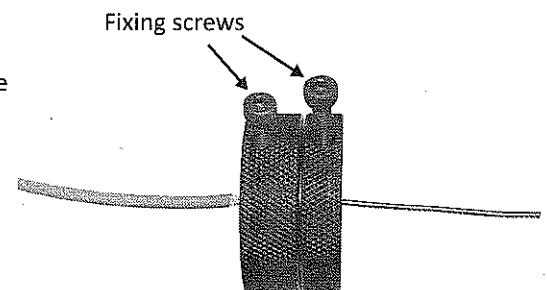
Step 2 Remove the jacket with a stripper, e.g. the tri hole fiber optic stripper FO-103-T-250-J



Step 3 Cut the Kevlar yarns to the specified length with a Kevlar cutter, e.g. the KS-1



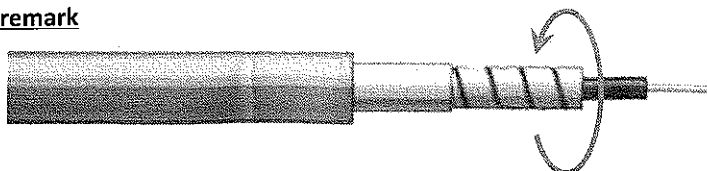
Step 4 Release the screws from the removal tool and insert the cable into the hole in the disc with the magnet (thicker disc) and tighten the screws with hand force. The armored steel tape should be fixed.



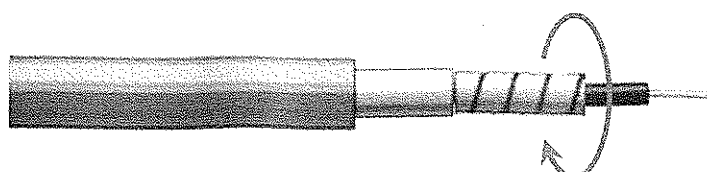
Step 5 Make 3 turns with the small (right) disc in the reverse direction. (see remark)

Release the screw on the smaller disc and remove the disc. The armored steel tape has opened.

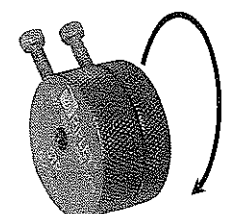
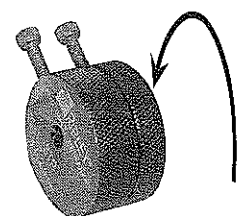
remark



If steel tape is wrapped right hand like this, move small disc backwards

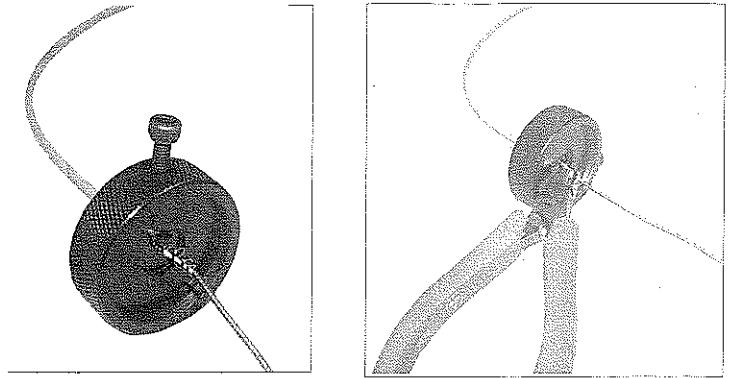


If steel tape is wrapped left hand like this, move small disc forward

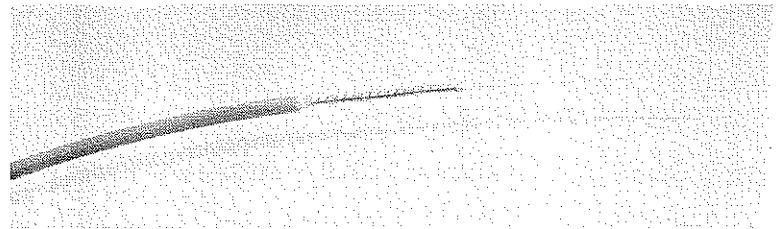
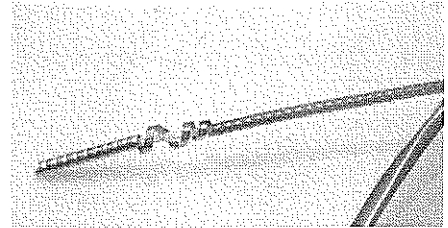


Depending on the type of steel tape an extra turn might be necessary to open the steel

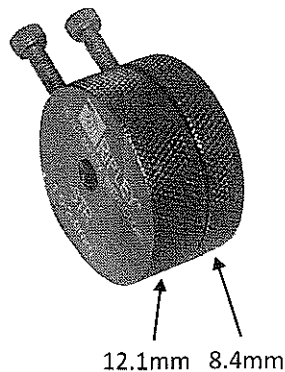
Step 6 Cut the steel tape at the position where it is widened and remove the armoring. Use a small steel cutter with fine jaws.



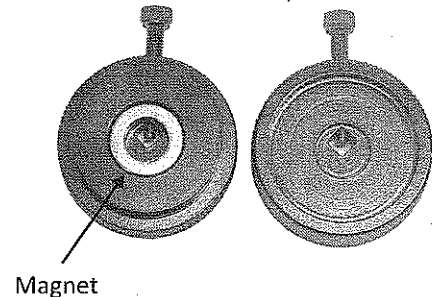
Step 7 Strip (1) the buffered coating 900µm with a dedicated optical fiber stripper. Strip (2) the coating from 250 µm to 125 µm. Then the fiber should be cleaned and cleaved before being connectorised. The tri hole stripper FO-103-T-250-J can be used to prepare the fiber.



Removal tool in closed position



removal tool: 2 separate discs



Type	Part nr	Weight	Size
STR Steel tape Removal Tool	81161	244g	38,1 x 20,9 mm

WARRANTY: The Ripley Company warrants that our line of tools are free of defect and fully operable at the time of shipment. The warranty is limited to the repair or replacement of any product which proves to be defective in material or workmanship, under normal use and service.

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