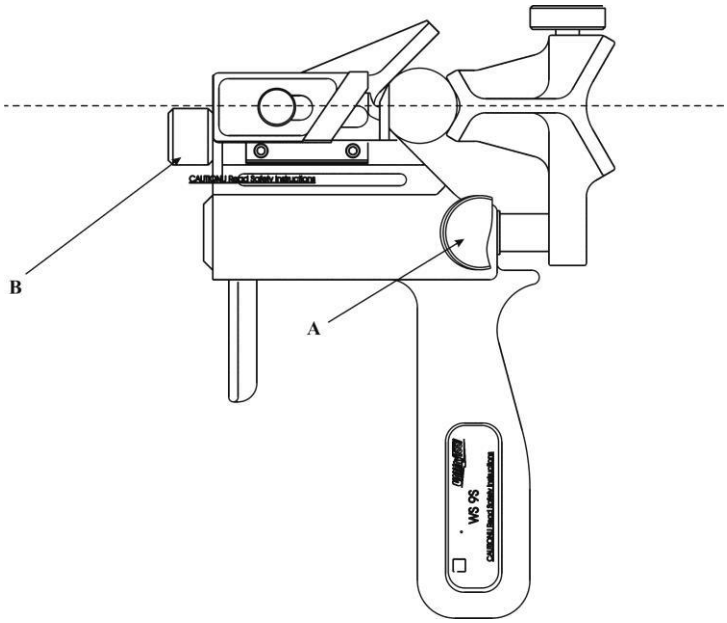
WS9S, WS 9S-T

Semi-con Shield Shaving Tools

***Warning*! <u>This tool is not protected against electrical shock!</u>** 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.

Note: This tool has been specifically designed to remove the bonded semi conductive layer on primary medium voltage distribution cable. The tool works on semi-con diameters from 1/2”(12.7mm) thru 2 ½” (63.5mm). Up to .100”(2.54mm) thickness of semi con can be shaved.



TOOL ADJUSTMENTS

• It is recommended that a sample piece of cable cut with a HACK-SAW be used to make tool adjustments. Silicon lubricant applied to the cable is also recommended during tool adjustments and tool operation.

•**To obtain proper gripping tension**, place the cable into the grasp of the tool’s jaws with the blade extending out over the cable end. Tighten adjusting knob **A**, clamping the cable firmly in the tool jaws.

•**To set the Blade Depth**, looking into the cable end, set the blade with adjusting knob **B** so its cutting surface is below the semi-con thickness slightly into the insulation. Rotate the tool a few turns around the cable with slight forward pressure. Note how much insulation is being shaved along with the semi-con. Back off the Blade Depth Position in incremental stages until the least amount of insulation is removed with the semi-con.

• **The tool is now ready ready for use.**

THORNE & DERRICK INTERNATIONAL
Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

See Other Side

Instructions for WS9S - Part 2

OPERATING INSTRUCTIONS

Before using this tool, insure that the cable end has not been flattened. Use of a curved cable cutter or hack saw is recommended. Application of silicon lubricant to the cable is recommended.

1. Straighten the length of cable to have the semi-con removed.
2. Clamp the tool firmly over the cable, as described previously in the Tool Adjustment procedure.
3. Rotate the tool around the cable in a continuous motion, controlling the forward "travel". Ideally, the width of semi-con being removed is approx 1/16"(1.5mm) per revolution . This can be controlled by gentle forward pressure on the tool and the gripping tension as described above.
4. Occasionally pull off any accumulation of shavings or "train" the chip so it does not wrap around the cable.
5. The QC-2 can be used as a "stop" to produce a square cut finish. ***Refer to Ripley catalog on the QC-2 use.***

Ripley / Utility Tool Accessories

WS9S--- P/N 38430
Replacement Blade CB 40X -- P/N 21715

WS9S-T--- P/N 38435
Replacement Blade CB 98 ---- P/N 28201

The insulation surface can be further smoothed by polishing with an Aluminum Oxide abrasive tape.

For best results, keep the cutting blade edge well honed.
Ripley has available the **Model HS1 Honing Stone Set -- P/N 15460**

Warranty: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.

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