

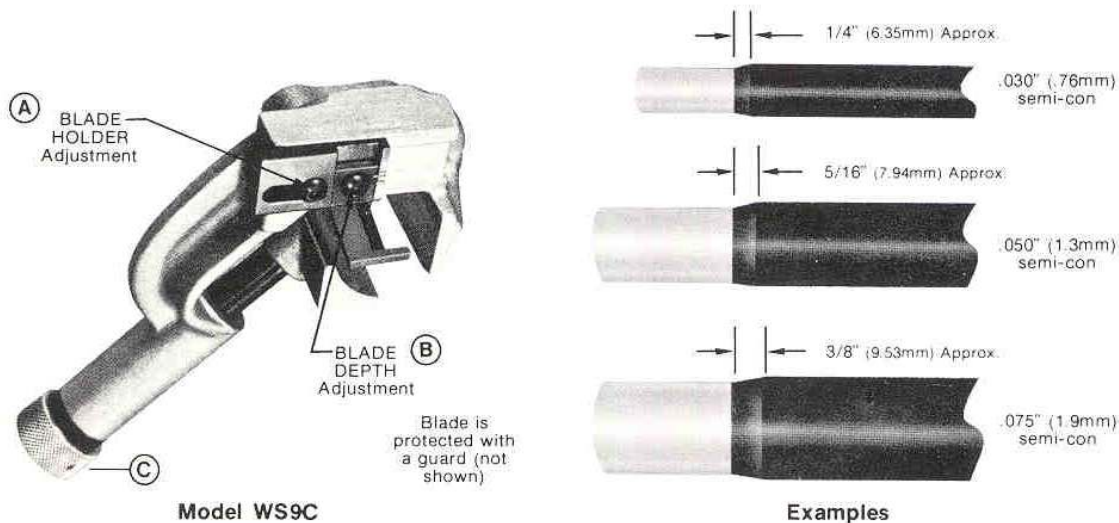
OPERATING INSTRUCTIONS

Model WS9C

Semi-Con Shaving Tool

Warning! This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI/CE 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.

This patented and unique adjustable shaving tool removes "bonded" semi-conductive insulation shield from URD cables 5KV to 46KV, having diameters .550" (13.9mm) to 2.250" (57mm), producing a TAPERED configuration at the semi-con end. The WS9C can also be used on "strippable" semi-con cables.



SPARE BLADE CB98

1. Use a sample piece of cable cut with a Hack-saw, to make Blade adjustments.
2. There are two adjustments for the Blade positioning: "A" Blade Holder position, and "B" Blade Depth position.

To set Blade Holder position: Place cable in tool with the tool's handle downward, and the Blade extending just out over the cable end. Tighten the adjusting knob, "C", clamping the cable firmly in the tool jaws.

Looking into the end of the cable, position and tighten the Blade Holder so the cutting edge of the Blade is approximately 1/32" behind the center line of the cable's vertical axis. The tool must be held at an angle, so the vertical sides of the Blade are parallel with the vertical axis of the cable.

When the Blade Holder is positioned correctly, the tip of the "extension arm" on the Blade, will extend slightly beyond the cable's vertical axis.

To set Blade Depth position: The gradations on the Blade Holder are reference marks and correspond closely in setting the Blade depth.

INSULATION SHIELD	BLADE SETTING, USE	APPX. TAPER LENGTH
.030"	Highest Mark	1/4" (6.35mm)
.050"	Center Mark	5/16" (7.94mm)
.075"	Lowest Mark	3/8" (9.53mm)

In general, for any semi-con thickness, the Blade Depth setting can be determined by positioning the bottom of the Blade's angled cutting edge to the "line" between the semi-con and the insulation. It is best to start deeper into the insulation, then gradually reduce the Depth adjustment until the least amount of insulation is removed.

3. The tool is now ready for use.
 - a. Straighten cable for the length to be shaved, and wipe clean.
 - b. Apply a film of Silicone cable lube over area to be shaved.
 - c. Clamp tool firmly over cable.
 - d. Rotate tool around cable in a continuous motion, controlling the forward "travel" so as to produce a shaving width not greater than 1/4".
 - e. A hose clamp or other means can be used as a "stop" to produce a squared-off finish.
 - f. Loosen and remove tool.
4. If required, the insulation surface can be further smoothed by polishing with an Aluminum Oxide abrasive tape, and wiped clean with an approved Solvent

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.

