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REV. 10/26/04

SCT-625/PF-ALU

Stripping/Coring Tool for Power Feeder™ Cable
FULL ONE YEAR WARRANTY

Ben Hughes Communication Products Co. warrants each SCT (Stripping/Coring tool) against defects in material and workmanship for a period of one year from the date of purchase and agrees to repair or replace any defective unit without charge.

IMPORTANT: This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care and loss of parts.

This warranty is void when service or repairs are performed by other than Ben Hughes Communication Products Co. No responsibility is assumed for any special, incidental or consequential damages.

No other warranty, written or oral is authorized by Ben Hughes Communication Products Co. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

U.S. customers may obtain warranty service by shipping product prepaid to Ben Hughes Communication Products Co., 207 Middlesex Ave., P.O. Box 373, Chester, CT 06412.

Customers outside the continental U.S. please ship product to point of purchase.

Damage occurring during transit is not covered by this warranty.

NOTE: Read attached instructions carefully.

INSTRUCTIONS FOR CABLE PREPARATION TOOL-SCT Power Feeder™ SERIES

The SCT series tool prepares aluminum sheathed Power Feeder™ cable for the connector. The tool will strip the aluminum sheath and core the cable in one easy operation. Just follow the simple instructions for a perfect cable trim every time.

1. Due to the tight clearances between the center conductor and outer conductor of the Power Feeder™ cable, it is imperative that the cable end be cut square prior to coring the cable. This is best accomplished with a hacksaw.
2. Jacketed Cable. If the cable is jacketed, remove at least 2.3/8 inches PLUS the length of the center conductor of the jacket from the cable. This is the minimum length for the tool to operate properly, however, your connector installation requirements may call for a longer length. Check your connector instruction sheet.
3. Flooded Cable. If the cable is flooded remove flooding compound from the aluminum sheath as recommended by the cable manufacturer.

The cable is now ready for stripping and coring.

Manual Operation:

1. Place the SCT tool over the end of the cable through the guide sleeve up to the blade. With a slight forward pressure, turn in a clockwise direction. "Note" the first cutting edge will remove any aluminum shield in its way. This is quite acceptable. Keep turning the tool until the aluminum sheath just touches the second cutting edge. Stop at this point and measure the required center conductor length from the end of the guide sleeve. Mark this distance on the cable.
2. Now resume turning with a slight forward pressure. Warning: too much pressure will distort the aluminum sheath, you will find a limited amount of forward pressure is all you need.
3. Continue coring and stripping the cable until you have reached the marked point on the cable. Rotate the tool once more to square the end of the cable.
4. Remove the tool. Clear off the center conductor as recommended by the cable manufacturer. The cable is now ready for the connector installation.

Power Operated Tool Use:

1. With the enclosed hex wrench loosen the set screw on the T-Bar handle and remove the T-Bar from the tool.
2. Place the shaft of the coring bit into the chuck of a 3/8" variable speed drill rating at slow speed. The drill should operate at a very low R.P.M. If a high R.P.M. is used the tool will drill out the dielectric instead of coring, leaving dielectric next to the shield which is not acceptable.
3. The same procedure used in the Manual Instructions should be used. Remember High Speeds should not be used. High Speed in this case does not increase production time.

Ratchet Handle Operation:

Use allen wrench to tighten 3 set screws against the flats of the blade shaft.

Tool is now ready for use, proceed as in manual operation instructions.

Establishes a positive torque in the core direction. Maintenance free.

Lubrication:

The Stripping/Coring tool blade should be lubricated every six to twelve cuts. The tool steel when cutting aluminum will cause a build-up of aluminum on the edge of the blade giving the appearance of a dull blade. The oil as a lubricant will wash away the excess aluminum and bring back the blade to normal for a quick and efficient cut.