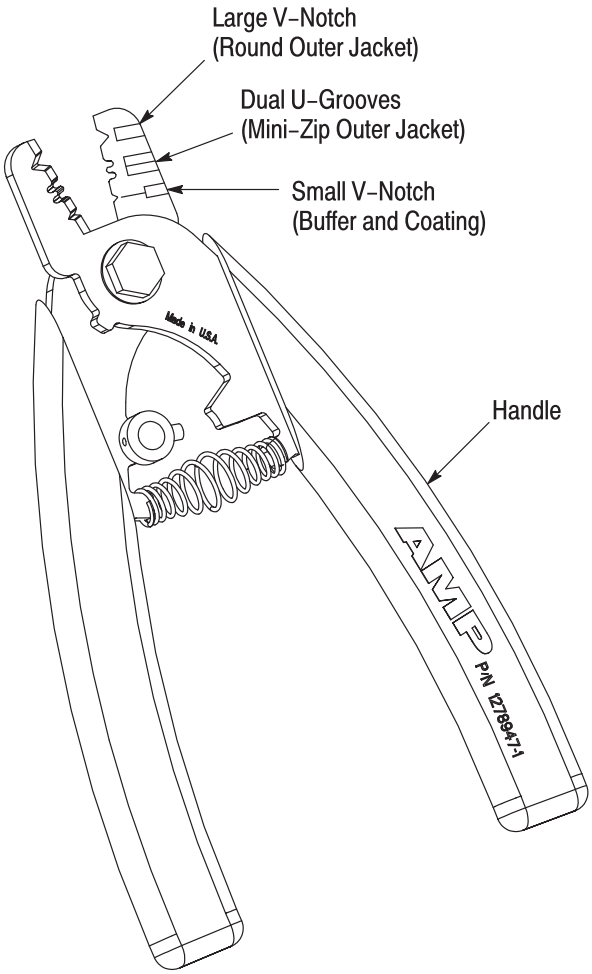

Figure 1

1. INTRODUCTION

This instruction sheet covers the use of Fiber Optic Combination Strip Tool 1278947–1 shown in Figure 1.

Read this instruction sheet thoroughly before proceeding.

NOTE

Dimensions in this instruction sheet are in metric units [with U.S. customary units in brackets]. Figures are not drawn to scale.

Reasons for reissue of this instruction sheet are provided in Section 5, REVISION SUMMARY.

2. DESCRIPTION (Figure 1)

The strip tool is used to remove the outer jacket of round and Mini–Zip fiber optic cable and to remove the buffer and coating material from the fiber.

The large V–notch, located at the end of the blade, is used to remove the outer jacket from round cable approximately 3 mm [.12 in.] in diameter.

The dual U–grooves, which are centered in the blade, are designed to remove the outer jacket from 1.80– to 2.0–mm [.071– to .079–in.] Mini–Zip cables.

The small V–notch, located at the inner portion of the blade, is used to strip the buffer and coating material from 125–µm to 140–µm fiber.

3. USING THE TOOL

3.1. Outer Jacket Removal

A. Round Outer Jacket

1. Position the cable in the large V–notch and squeeze the handle until the blades close.

2. With the blades still closed, pull the tool parallel to the fiber optic cable until the jacket separates.

NOTE

Some cable jackets may require a slight rotation of the tool to aid in removal.

3. Open the handles, and remove the loose jacket.

B. Mini–Zip Jacket

1. Position the cable in the dual U–grooves and squeeze the handles until the blades close.

2. With the blades still closed, pull the tool parallel to the fiber optic cable until the jacket separates.

3. Open the handles, and remove the loose jacket.

3.2. Buffer and Coating Removal

DANGER

ALWAYS wear eye protection when working with optical fibers. NEVER look into the end of terminated or unterminated fibers. Laser radiation is invisible but can damage eye tissue. Never eat, drink, or smoke when working with fibers. This could lead to ingestion of glass particles.

DANGER

Be careful to dispose of fiber ends properly. The fibers can create slivers that can easily puncture the skin and cause irritation.

NOTE

Many fiber optic cable constructions include aramid strength members. DO NOT attempt to cut this material with the combination strip tool. The aramid strands can be trimmed with KEVLAR shears.

1. Position a buffered or coated fiber into the small V–notch, and squeeze the handles until the blades close.

CAUTION

To avoid damage to the fiber, remove any debris from the V–notches.

2. Using a slow, constant motion, draw the tool parallel to the fiber until the buffer and coating pulls off the fiber.

NOTE

For best results, strip several 6–mm [.25–in.] sections until the desired strip length is achieved.

4. REPLACEMENT AND REORDERING

This strip tool is not repairable. Order additional strip tools through your representative, or call 1–800–526–5142, or send a facsimile of your purchase order to 1–717–986–7605, or write to:

CUSTOMER SERVICE (038–035)
TYCO ELECTRONICS CORPORATION
PO BOX 3608
HARRISBURG PA 17105–3608

5. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated document to corporate requirements