

## PLIERS II

### DESCRIPTION

### TOOLS

#### 1. GENERAL

1.01 This practice lists and illustrates noncoded pliers within the part or type number range of R-2975, AT-7858 through AT-8810, KS-14441 through KS-21874, UTICA 44CT-5, and WISS 625.

1.02 Revision arrows are used to emphasize significant changes. The reasons for reissue are listed below.

- (a) To rate the KS-14441 offset pliers Mfr Disc.
- (b) To rate the KS-16060 cushion-jaw cutting pliers Mfr Disc.

1.03 See tool index for other Pliers Practices.

#### 2. DESCRIPTION OF NONCODED PLIERS

2.01 **R-2975:** The R-2975 tools are adjustable snap-ring pliers (Fig. 1) used in installing external snap rings on motor mounting shafts on the KS-13834 perforator.

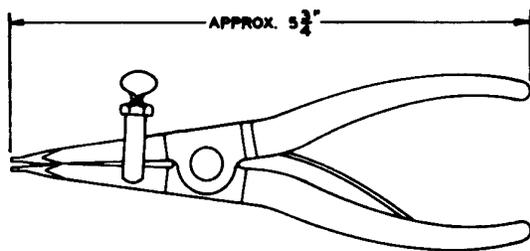


Fig. 1—R-2975 Adjustable Snap-Ring Pliers

2.02 **AT-7858 D:** The AT-7858 D tools are 6-inch diagonal pliers (Fig. 2) used on rubber covered service wire such as high-strength drop wire, as well

as distributing frame wire. These tools replace the AT-6655 and the AT-7858 tools.

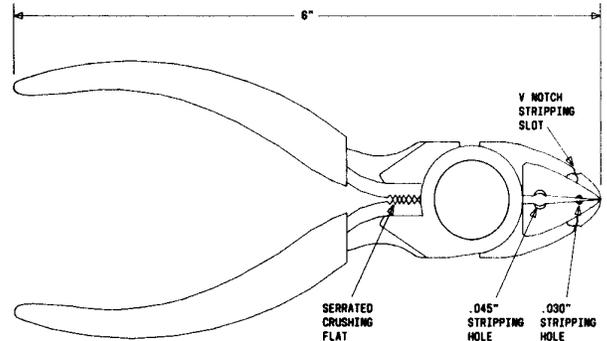


Fig. 2—AT-7858 D 6-Inch Diagonal Pliers

2.03 **AT-7858 E6:** The AT-7858 E6 tools are diagonal pliers (Fig. 3). The jaws have an insulating aluminum oxide coating. These tools replace AT-7858 C tools.

2.04 **AT-7859 B:** The AT-7859 B tools are side cutting pliers (Fig. 4) for general use. The plastic cushion grips do not provide protection against hazardous voltages. These tools replace AT-6649 tools.

2.05 **AT-7860 B and D:** The AT-7860 B and D tools are long-nose pliers (Fig. 5). The tools are identical except the D pliers have an insulating aluminum oxide coating on the jaws. These tools replace the AT-7860 P and F tools and are for general use. The plastic cushion grips do not provide protection against hazardous voltages.

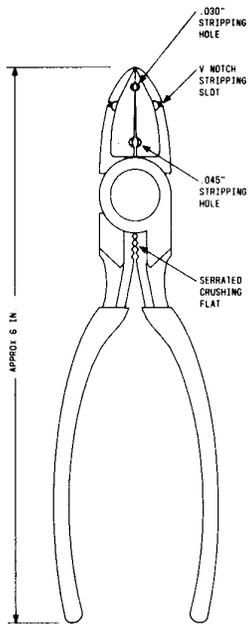


Fig. 3—AT-7858 E6 Diagonal Pliers

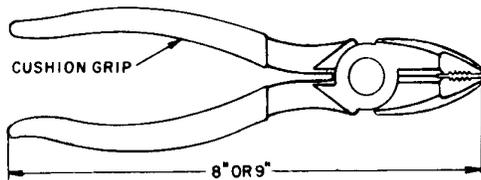


Fig. 4—AT-7859 B Side Cutting Pliers

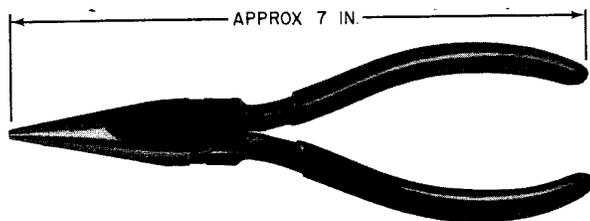


Fig. 5—AT-7860 B or D Long-Nose Pliers

2.06 **AT-7860 C and E:** The AT-7860 C and E tools are long-nose pliers (Fig. 6). The tools

are identical except the E pliers have an insulating aluminum oxide coating on the jaws. Both tools are provided with mating grooves near the joint for use in pressing 032-035 brass sleeves. The orange plastic cushion grips do not provide protection against hazardous voltage.

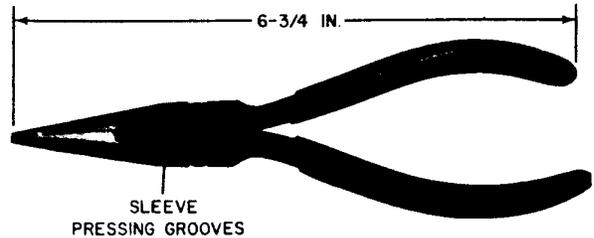


Fig. 6—AT-7860 C or E Long-Nose Pliers

2.07 **AT-8420 B:** The AT-8420 B tools are combination pliers (Fig. 7) for general use. These tools replace combination pliers AT-7582-X.

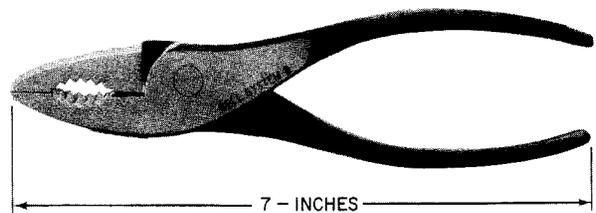


Fig. 7—AT-8420 B—Combination Pliers

2.08 **AT-8479 B and C:** The AT-8479 B and C tools are short-nose pliers (Fig. 8). The tools are identical except the jaws of the C pliers are coated with aluminum oxide. The plastic cushion grips do not provide protection against hazardous voltages. These tools replace the short-nose skinning pliers R-2291.

2.09 **AT-8810 G:** The AT-8810 G tools are long-nose pliers (Fig. 9) intended for use by installers and other craft persons on small jobs requiring the installation of a few 700-, 701-, or 702-type connectors.

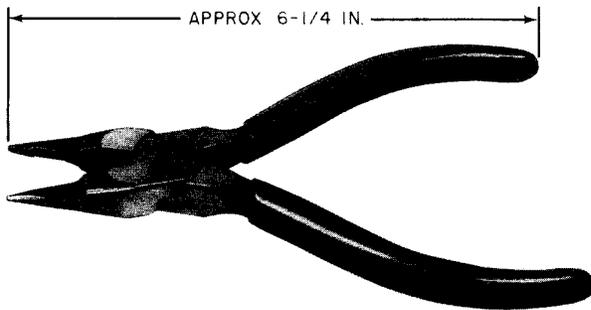


Fig. 8—AT-8479 B or C Short-Nose Pliers

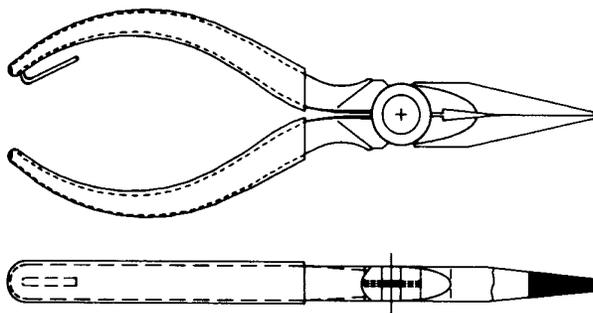


Fig. 9—AT-8810 G Long-Nose Pliers

- 2.10 ♦**KS-14441**: The KS-14441 offset pliers are rated Mfr Disc. with no replacements.♦
- 2.11 **KS-14640**: The KS-14640 tools are contact stripping pliers (Fig. 10) which form a part of the 1013A tool kit. The tools are used in removing contacts on stationary springs on wire-spring relays.

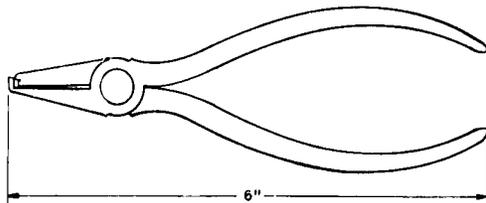


Fig. 10—KS-14640 Contact Stripping Pliers

- 2.12 **KS-14641**: The KS-14641 tools are contact cutting pliers (Fig. 11) which form a part of

the 1013A tool kit. These tools are used in cutting contact metal tape after being welded on movable springs of wire-spring relays.

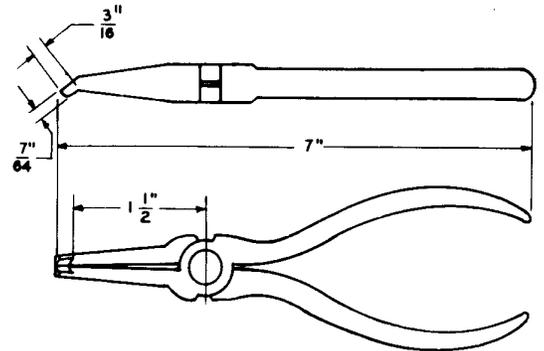


Fig. 11—KS-14641 Contact Cutting Pliers

- 2.13 ♦**KS-16060**: The KS-16060 cushion-jaw cutting pliers are rated Mfr Disc. with no replacement.♦
- 2.14 **KS-16735**: The KS-16735 tools are contact cutting pliers (Fig. 12) which form a part of the 1013A tool kit. These tools are used for shortening stationary contact springs of wire spring relays after removing original contact (rectangular contact block).

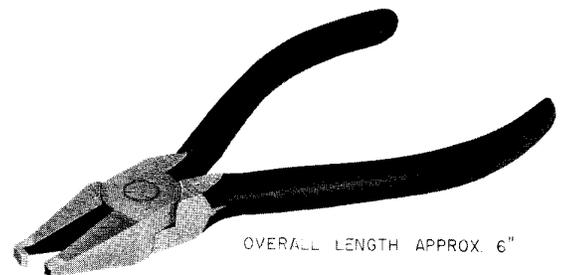


Fig. 12—KS-16735 Contact Cutting Pliers

- 2.15 **KS-21257**: The KS-21257 tools are cut-crush-strip pliers (Fig. 13). These tools are provided with side cutters, a crushing slot, and one stripping notch. These tools are used in cutting wire and for crushing and stripping IPVC

(irradiated polyvinyl chloride) insulation on 22-gauge wire. When ordering, specify list number desired.

LIST NO.	DESCRIPTION
1	Plain Long Jaws
2	Coated Long Jaws
3	Plain Short Jaws
4	Coated Shot Jaws

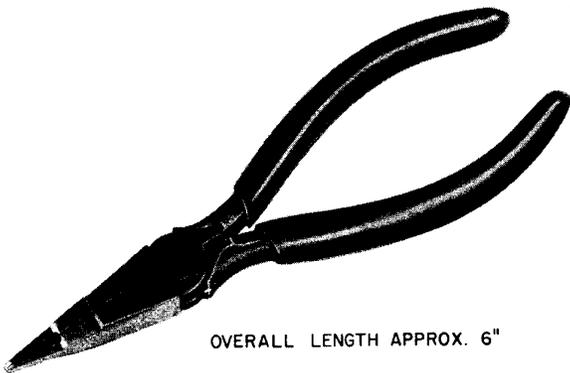


Fig. 13—KS-21257 Cut-Crush-Strip Pliers

2.16 **KS-21874:** The KS-21874 tools are staking pliers (Fig. 14) used in staking bushings permanently in plug shells.

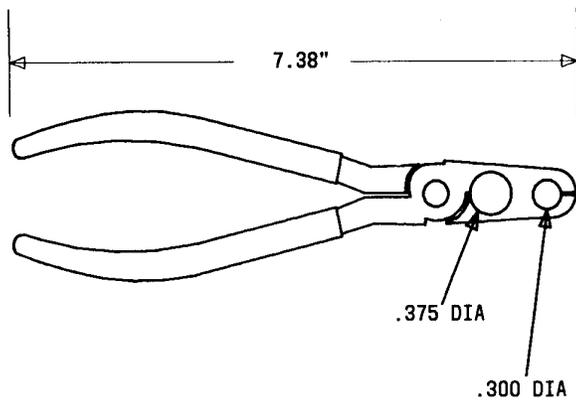


Fig. 14—KS-21874 Staking Pliers

2.17 **UTICA 44CT-5 Cushion-Jaw Cutting Pliers:**

The UTICA 44CT-5 cushion-jaw cutting pliers (Fig. 15) are diagonal pliers equipped with plastic grips above the cutting edges for holding small wire clippings. The plastic covering does not provide protection against hazardous voltages.

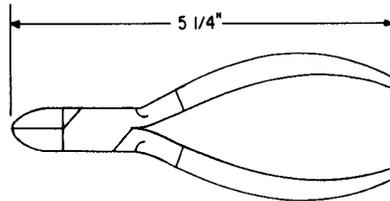


Fig. 15—UTICA 44CT-5 Cushion-Jaw Cutting Pliers

2.18 **WISS 625 Cutting Pliers:**

The WISS 625 cutting pliers (Fig. 16) are used in cutting wrapped connections which are inaccessible with standard cutting pliers.

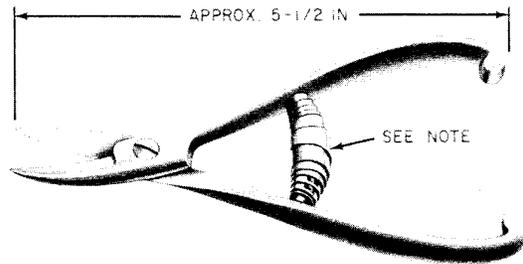


Fig. 16—WISS 625 Cutting Pliers