

HOLDERS I
DESCRIPTION
TOOLS

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1. GENERAL

1.01 This section describes Bell System coded holder tools within the part or type number range of 203 through 630.

1.02 The reasons for reissuing this section are listed below. Since this is a general revision, no revision arrows have been used to denote significant changes.

- (a) To rate the 445A and 515A holder tools Mfr Disc.
- (b) To update the practice to standard format.

1.03 See tool index for other Holder Practices.

1.04 For tools with similar functions, see Insulators, Section 074-226-122; Lifter, Spring, Section 074-235-115; Separators, Section 074-256-128; Spacers, Section 074-257-107; and Spreaders, Section 074-257-114.

1.05 The following is a list of tools that have been rated Mfr Disc. with no replacement:

- 382A
- 445A
- 449A
- 515A.

2. DESCRIPTION OF TOOLS

2.01 203: The 203 index wheel holder tool (Fig. 1) is used on the A- and B-type sequence switches to prevent the cam shaft from turning when a wrench is used on the cam clamping nut of an assembled cam shaft.

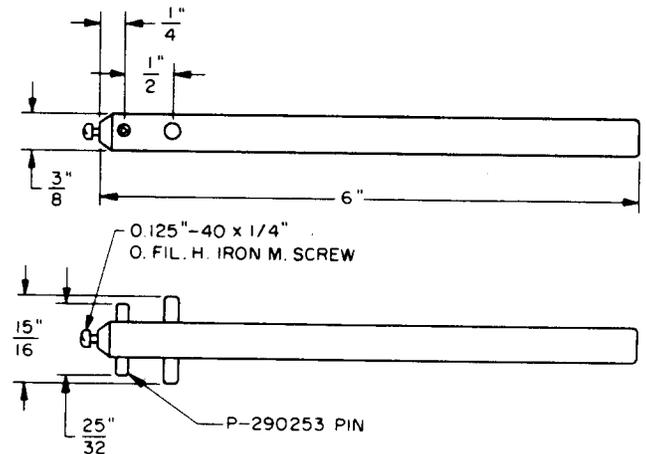


Fig. 1—203 Index Wheel Holder Tool

2.02 260: The 260 dial governor holder tool (Fig. 2) is used in holding rotating parts of 2-, 4-, and 5-type dial governors stationary when adjusting them for speed.

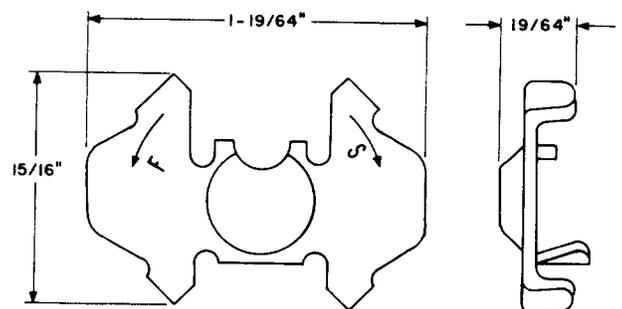


Fig. 2—260 Dial Governor Holder Tool

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2.03 265C: The 265C contact burnisher holder is covered in Section 074-217-110.

2.04 329: The 329 guide holder tool (Fig. 3) is used to hold the No. 1A guide while it is being adjusted with the 328 tool.

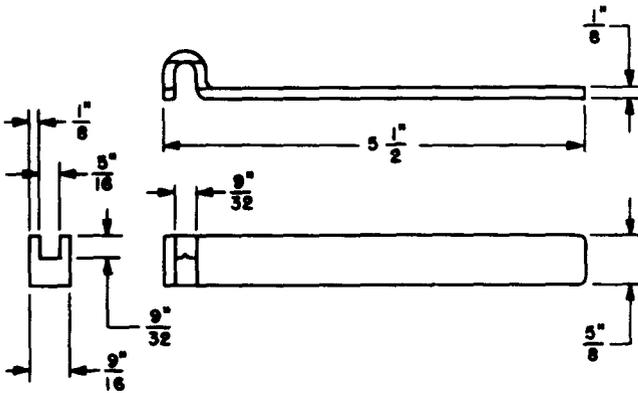


Fig. 3—329 Guide Holder Tool

2.05 373D: The 373D contact burnisher holder tool is covered in Section 074-217-110.

2.06 375A: The 375A holder tool (Fig. 4) is used to hold make-busy plugs and trouble tickets in maintenance of connectors, selectors, line switches, and repeaters of step-by-step equipment.

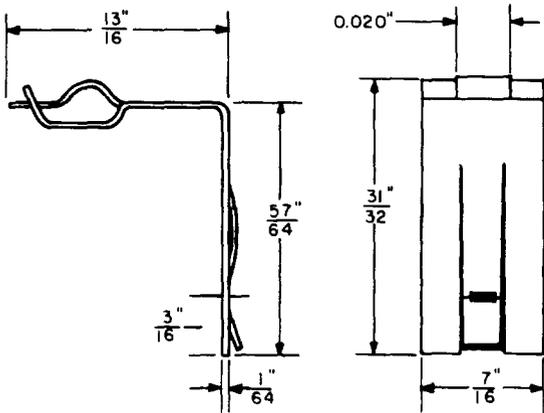


Fig. 4—375A Holder Tool

2.07 425A: The 425A selector holder tool (Fig. 5) is used for holding nonrigidly mounted No. 200- and 206-type selectors in a rigid position while adjustments are being made.

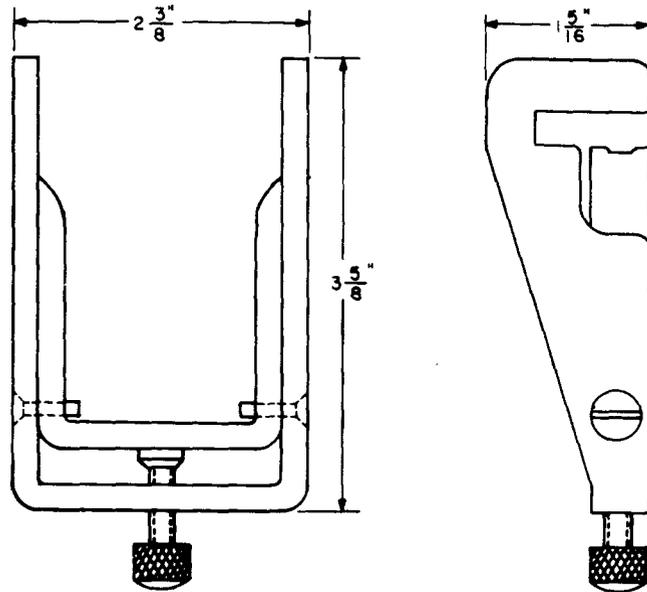


Fig. 5—425A Selector Holder Tool

2.08 504A: The 504A solder copper holder tool (Fig. 6) is a rectangular cage with an inner shield mounted on a base which may be used on a flat surface or fastened to a ladder step. The base extends beyond the cage and is formed to fit the handle of a soldering copper. The 721A adapter tool can be added to the 504A tool for holding the KS-14440 solder copper. This adapter cannot be used with KS-8740 soldering copper. See Rest, Copper, Soldering, in Section 074-253-130.

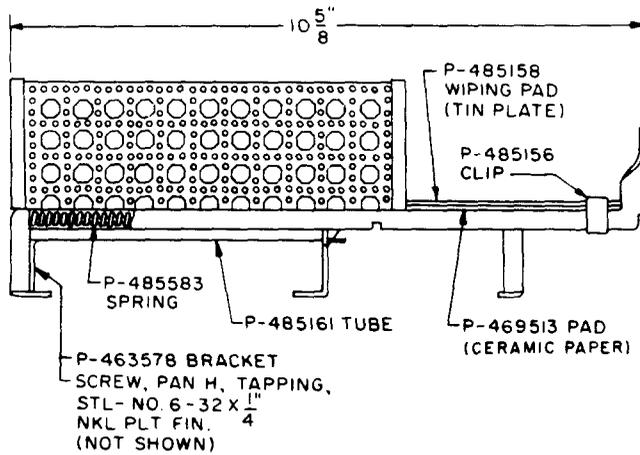


Fig. 6—504A Solder Copper Holder Tool

2.09 **511A:** The 511A holder tool (Fig. 7) is a bar of insulating material used for holding the numbers 3, 32, or 33 sleeving for cleaning the feeder brush contact patch on the rotor hubs of 200- and 206-type selectors.

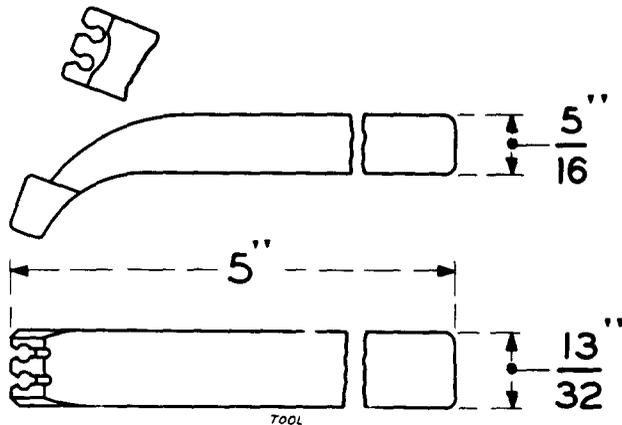


Fig. 7—511A Holder Tool

2.10 **536B:** The 536B selecting bar holder tool (Fig. 8) consists of a metal tool used for holding selecting bars when adjusting selecting finger supports on 300, 304, 314, 324, and similar crossbar switches. The 536B tool replaces the 536A tool.

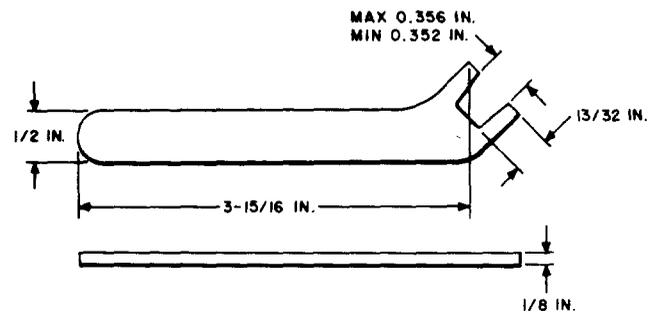


Fig. 8—536B Selecting Bar Holder Tool

2.11 **586A and B:** The 586A and B guard and holder tools (Fig. 9) consist of a wooden box which is open at one end and fitted with strap loops. For more information, see Table A.

(a) **586A:** The 586A tool forms a part of the 1004B tool kit and is the guard and holder for the 577A tool.

(b) **586B:** The 586B tool forms a part of the 1013A tool kit and is the guard and holder for the 577C and 577D tools of the 636A tool. The 586B tool has a center partition.

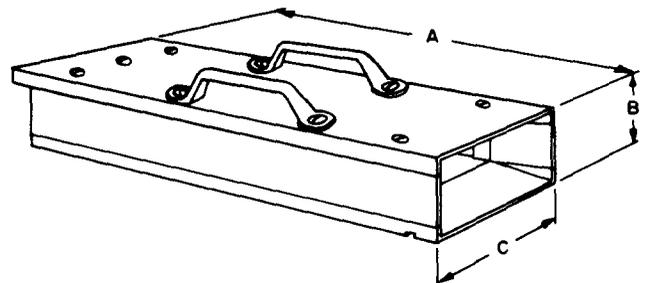


Fig. 9—586A or B Guard and Holder Tools

TABLE A

CODE	DIMENSIONS (INCHES)		
	A	B	C
586A	6-7/8	1-5/16	2-1/2
586B	6-7/8	2-1/8	2-7/8

2.12 **612A:** The 612A relay core holder tool (Fig. 10) consists of an insulated metal handle equipped at one end with a metal piece formed to fit over the cores of U-, UA-, and Y-type relays having hinge-pin type armature suspension. The 612A tool is used for supporting mounted U- and Y-type while adjusting the hinge bracket with the 611A tool.

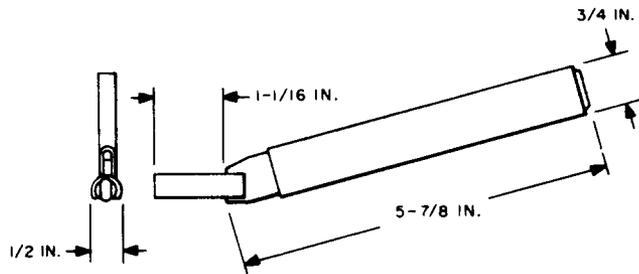


Fig. 10—612A Relay Core Holder Tool

2.13 **629A and B:** The 629A and B spring holder tools are arranged to clamp onto the core plate of the relays and slotted to engage the movable springs on the right hand side of the fixed springs. These tools are used in conjunction with the 630A tool, in guiding the movable springs during the removal of cards from the AF-, AG-, and AJ-type relays.

(a) **629A:** The 629A spring holder tool (Fig. 11) engages springs in positions 7 through 12.

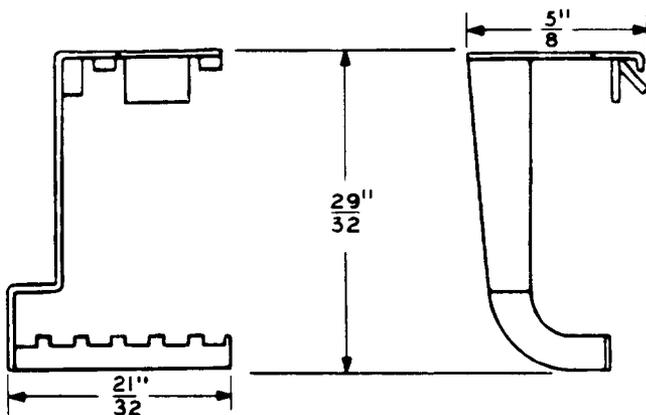


Fig. 11—629A Spring Holder Tool

(b) **629B:** The 629B spring holder tool (Fig. 12) engages springs in positions 1 through 6.

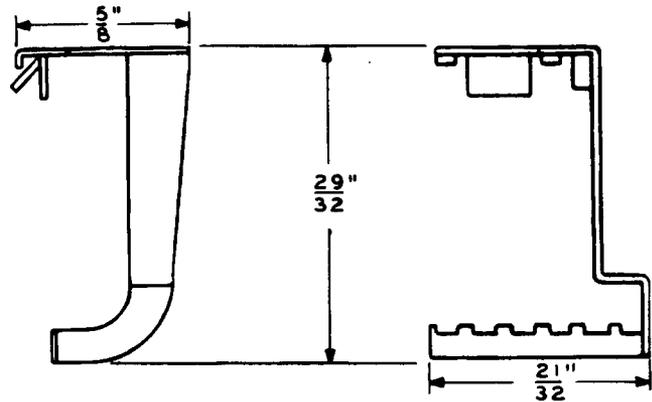


Fig. 12—629B Spring Holder Tool

2.14 **630A:** The 630A spring holder tool (Fig. 13) is slotted to engage the 12 movable springs on the left hand side of the fixed springs of the AF-, AG-, and AJ-type relays and is equipped with a clamp plate of insulating material. The 630A tool is used in conjunction with the 629A and B tools, in guiding the movable springs during removal of cards from the relays.

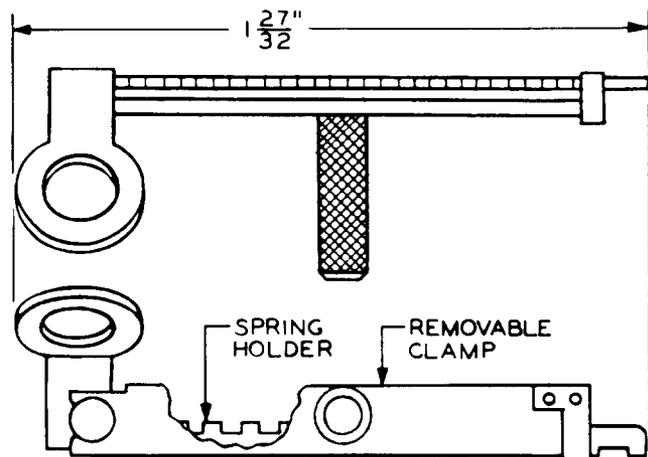


Fig. 13—630A Spring Holder Tool