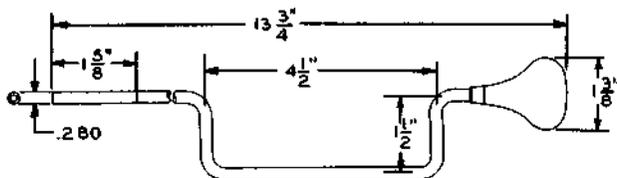


NONCODED TOOLS  
MISCELLANEOUS TOOLS  
DESCRIPTION

TOOL, WINDING, CALCULAGRAPH, AT&T Co. DWG  
38-X-2022.  
Replaced by the Calculagraph Co. No. 135  
winding tool.

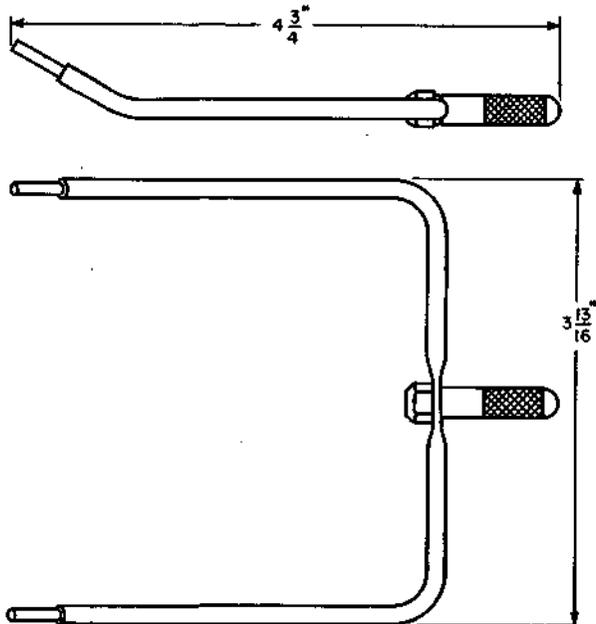
TOOL, WINDING, CALCULAGRAPH CO. NO. 135



Includes the No. 27 key pipe.

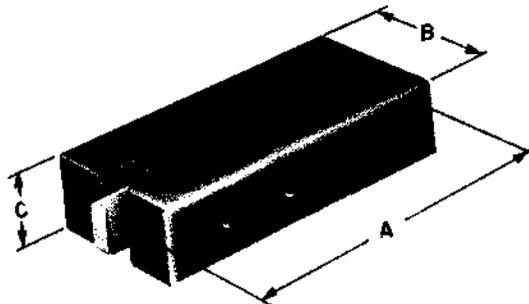
For use in winding Model 6 Calculagraphs.

TOOL, KS-14409



For use in tuning microwave cavities in the  
TD-2 Radio Systems.

TOOL, KS-14540.  
(In ordering, specify list number desired.)



Protector Spring Supporter

List Number	Dimensions		
	"A"	"B"	"C"
1	2.375"	1-1/8"	1/2"
2	2.320"	1-1/8"	1/2"

List 1 - For supporting springs of the  
1177C and E-type protectors when  
protector blocks are removed.

List 2 - For supporting springs of the  
1268- and 1269-type protectors  
when protector blocks are removed.

TOOL, KS-14546

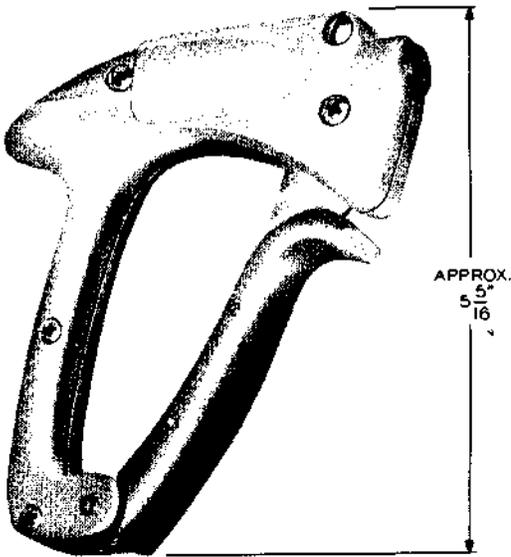


OVERALL LENGTH APPROX. 4 5/8"

Number Plate Remover

For use in removing KS-14534 Number Plates  
from protector springs on main distribut-  
ing frames.

TOOL, WRAPPING, WIRE, KS-16363, L1



The following wrapping bits and stationary sleeves must be ordered separately for use with this tool:

- KS-16730, L1 Wrapping Bit (red band) for 22 or 24-gauge wire.
- KS-16903, L1 Wrapping Bit (green band) for 26-gauge wire.
- KS-16363, L30 Stationary Sleeve (yellow band) for 24-gauge wire.
- KS-16363, L31 Stationary Sleeve (blue band) for 22-gauge wire.
- KS-16363, L32 Stationary Sleeve (green band) for 26-gauge wire.
- KS-16363, L33 Stationary Sleeve (red band) for 22 or 24-gauge wire.

Refer to Section 074-520-101 for the wrapping bits and to Section 074-775-101 for the stationary sleeves.

For use in making solderless wrapped connections.

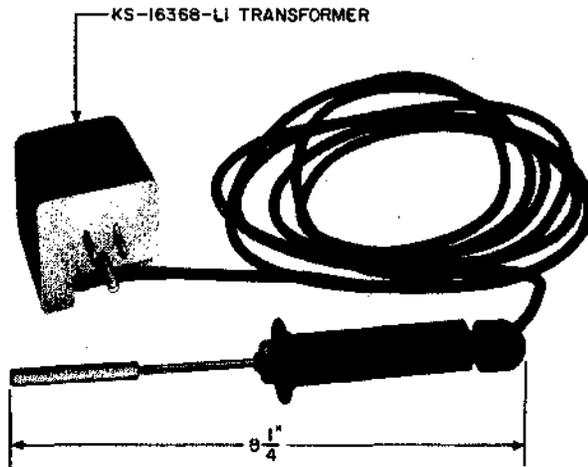
TOOL, UNWRAPPING, WIRE, KS-16492, L1  
Replaced by KS-16492-List 2, Wire Unwrapping Tool.

TOOL, UNWRAPPING, WIRE, KS-16492, L2



For use in removing solderless wrapped connections made with 22, 24 and 26 gauge wire on terminals arranged for solderless wrapped connections.

→ UNWRAPPER, KS-16450, L1  
(In ordering, specify list number desired.)



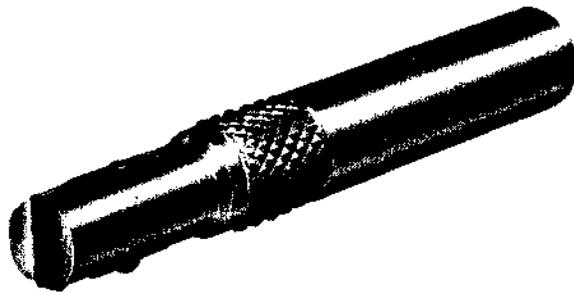
List Numbers

- |    |                |
|----|----------------|
| 10 | Unwrapping Bit |
| 11 | Handle         |
| 12 | Cable          |
| 13 | Nut            |
| 14 | Cable Swivel   |

Replacement procedures for these parts are covered in Section 075-121-802.

For use in removing solderless wrapped connections.

TOOL, KS-16567



OVERALL LENGTH APPROX. 4 1/2"

Protector Unit Wrench

For use in turning the protector units in the 121-type protectors.

TOOL, D-176938  
Replaced by the 643A tool.

TOOL, D-176939  
Replaced by the 643B tool.

TOOL, D-176940  
Replaced by the 644A tool.

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TOOL, D-178120  
Replaced by the 346B tool.

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TOOL, D-178122  
Replaced by the 224 tool

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TOOL, D-178123  
Replaced by the 646A tool.

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TOOL, D-178346  
Replaced by the 650A tool.

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TOOL, D-178347  
Replaced by the 648A tool.

TOOL, D-178348  
Replaced by the 535B tool.

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TOOL, D-178349  
Replaced by the 371B tool.

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TOOL, D-178352  
Replaced by the 642A tool.

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TOOL, D-178386  
Replaced by the 649A tool.

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TOOL, D-178696  
Replaced by the 647A tool.

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TOOL, D-178699  
Replaced by the 645A tool.