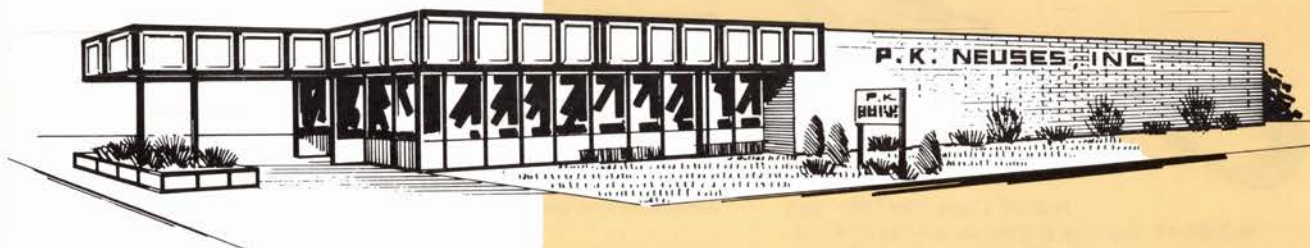


# P. K. Neuses, Inc.

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## SMALL TOOLS for the COMMUNICATION TELEPHONE and ELECTRONIC INDUSTRIES



### P. K. NEUSES, Inc.

Plant: 1401 Rohlwing Road, Rolling Meadows, Illinois 60008  
Mail: Box 100, Arlington Heights, Illinois 60006  
Telephone: (312) 253-6555

## CATALOG 80A



**N-62267** Cable Sheath Slitter with 2 blades.  
Size: 6" x 1½". Weight: 2 ozs.  
**N-62267A** Pkg. of 6 extra blades.

### N-62267 CABLE SHEATH SLITTER

For slitting most types of cable jackets. Especially good for most of the outdoor, heavy-duty types of cable sheathing.

The slender but tough and very sharp hook blade digs in between sheathing and wires and with the side supports permits most accurate jacket stripping. Handles large and small diameter cables equally well.

The forked ends of the tool are made of ductile aluminum and may be carefully bent (to expand the opening between forked ends) to fit many cable sizes.

The *razor sharp* hook lets you cut into cable at any point without previously notching, thereby avoiding hazard to wires inside *and your hands*.

An extra blade is included (as shown). Blades are easily changed. The two screws that hold blade in cutting position also secure the extra blade with its cutting end protected until put into position for use.



**N-2878** Cable Sheath Stripper.  
Size: 6" x 3". Weight: 4¼ ozs.  
**N-2878B** Blade Guide Retainer  
**N-2878H** Pkg. of 6 extra blades.

### N-2878 CABLE SHEATH STRIPPER

For stripping the jacket from all sizes of plastic and fabric covered cable. Red, rigid, phenolic handle equipped with a razor blade at one end with an "L" shaped hardened steel guide and blade guard. Handle shaped to fit worker's hand and so constructed that hand is fully protected from skinned knuckles through contact with the cable jacket. Stainless steel saddle with heavy nickel plated screws and screw bushings hold the guide and blade in place.

Operator holds **Cable Sheath Stripper** in one hand and guides cable with the other. Cable jacket is slit neatly and cleanly without damage to wire or insulation.

Blade may be reversed for new cutting edge. Two extra blades carried in slot in handle under name plate. Blades are standard Schick Injector blades—inexpensive—easily obtainable.



**N-2060** Cable Tool (.031" cut)  
**N-2060-18** Same as **N-2060** except has .018" cut.  
**N-2060A** Pkg. of 6 extra blades.

### N-2060 CABLE TOOL

For "ring" cutting the sheathing of *inside type* plastic, fabric or rubber covered cable. Cut through sheathing *limited to* 1/32" (or .018", see below).

Cable is pushed into tool and against the spring. Back pressure holds the cable against the cutting blade. An accurate .031" (or .018") deep cut is made when the tool is rotated around the circumference of the cable.

This tool is most practically suited for the customary *inside type* 3/16", 1/4", 3/8" or 1/2" cables, but will handle thin sheathed cable up to 1" in diameter.

The **N-2060 Cable Tool** is often used with the **N-62267 Cable Sheath Slitter** (above) to split the sheathing lengthwise after the circular cutting.

See page 4 for complete kit of cable terminating tools.



**N-287** (Evans type) Curved cable sewing needle with anodized aluminum handle. Size 5½" long. Weight: 1¼ ozs.  
**N-287A** Pkg. of 6 extra blades.



**N-287-7S** Cable sewing needle similar to **N-287** except has straight notched blade. Size: 7" long. Weight: 1¾ ozs.  
**N-287-7SA** Pkg. of 6 extra blades.



**N-2257** Long wire loop cable lacing needle with anodized aluminum handle. Size: 8" long. Weight: 1¼ ozs.  
**N-2257A** Pkg. of 6 extra wire loops.  
**N-2257-XL** Same as **N-2257** but is 20½" long overall for extra long reach.



### N-2077 CABLE JACKET REMOVER

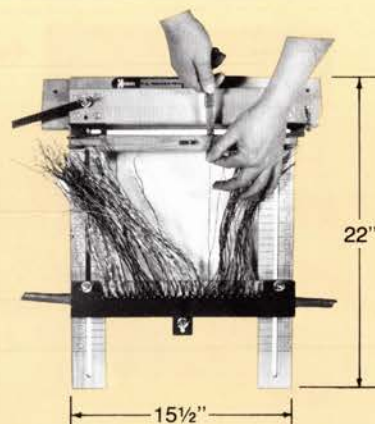
The fastest, safest  
and most versatile  
jacket remover  
available.



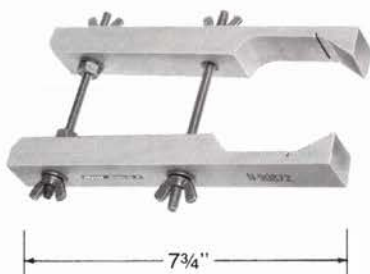
Length: 7" • Weight: 6½ ozs

Has special top cutting edge for wires and cables, and the longer bottom blade, shaped to prevent damage to conductors, serves as a cutting guide. Removes plastic and rubber-like jackets from all diameter cables. Cuts off fillers and is ideal for use on shielded and non-round cables.

### GT-T9 CABLE FANNING AND FORMING BOARD



An accurately made jig for the fabrication of switchboard multiples. Movable cable holding clamp permits any skinner length. Wire lengths remain absolutely uniform.

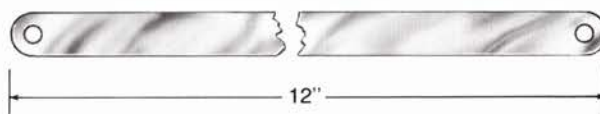


**N-90872 PROTECTOR RETAINER CLAMP** (3800 Cook Protector)  
Sturdily made of varnished hard maple, plated metal parts.



### N-1000 WIRE STRIPPER

Strips wire, cuts wire, gauges wire sizes, crimps terminals, shears bolts clean, measures stud sizes. Red plastic covered handle. 7½" long.



**N-284 STRAIGHT METAL NEEDLE** (Chicago Type)  
Intended for use as a cable sewing needle, 1/64" thick.



**N-289 METAL HOOK** (Weco. 289)  
For dressing skimmers to relays and resistances. Insulated handle.



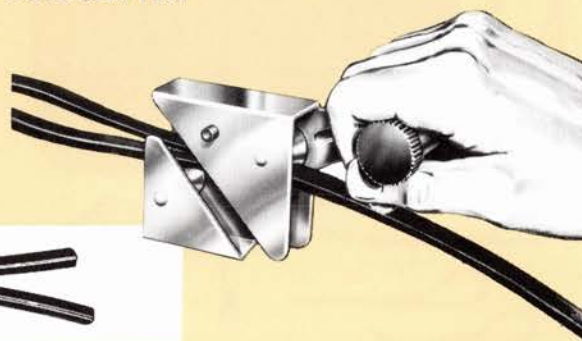
**N-724A WIRE REMOVAL TOOL** (Aeco 10731-A)  
Wire removal tool for quick connect terminal blocks. Slot width .050/.053. Red plastic coated (insulated) handle.

### N-2500 AERIAL DROP WIRE SLITTER

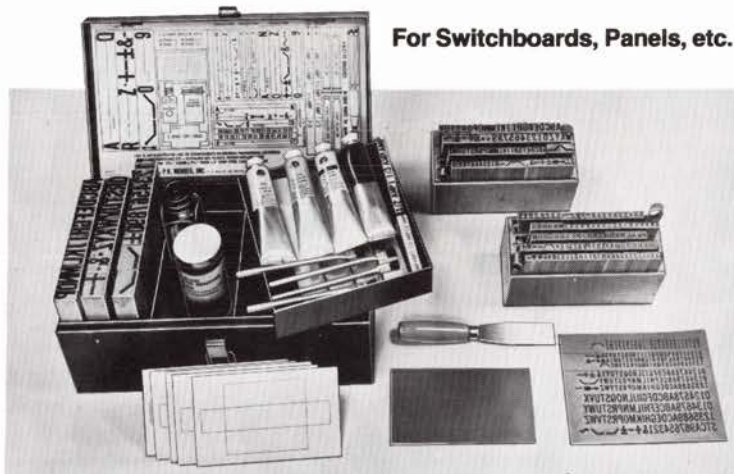
Gives optimum performance with minimum of effort, even at low temperatures, on any parallel 2-conductor cable.

Easy-to-use—slip cable into slot and pull. Rollers immediately place cable in parallel position and knife blade cuts through the exact center between the conductors. Cut made straight and evenly—wires remain fully insulated.

**N-2500A** Package of 3 extra blades.





**N-2315 NUMBERING AND LETTERING KIT****For Switchboards, Panels, etc.**

Contains everything needed for the permanent marking of various switchboard panels, junction boxes, sub-assemblies and chassis.

Indispensable in the laboratory, specialty department or in the field for marking those "very few of a kind" switchboard and other electronic assemblies. Not intended for production marking.

Ideal for marking cables and wire or any place a permanent, non-fading, vivid, easy-to-read, clean marking is required. No tapes to come off. Special formula oil-base heavy stamping inks dry with clear brilliance and can be used for marking practically any background material.

**CONTENTS**

Peg rubber stamps: 3/4", 3/8", 1/4", 3/16", 1/8".

Peg stamps: A-Z, numbers and symbols.

Peg stamp repair sets: 3/8", 1/4", 3/16", 1/8". Adhesive backed for attaching to pegs.

Fuse capacity stamps: 3/8" and 3/16".

Tubes of heavy opaque stamping inks. Colors: White, Black, Yellow, English Vermillion (Red).

Inking plate, knife and brush for spreading ink, fluid for cleaning inking plate, peg stamps and unwanted markings.

Neatly housed in sturdy steel carrying case. Case size: 13 3/4" long x 7 1/2" wide x 5" deep.

Replacement parts and additional supplies available.

**TK-18  
RELAY SERVICE TOOL KIT**

From the time that relays first came to be, there has always been a need for a set of specially designed tools to adjust them. Not a lot of make-shift gadgets that a fellow might happen to have in his tool box, but a set of tools exactly suited for any job of adjusting, checking, trouble-shooting, etc., all types of relays.

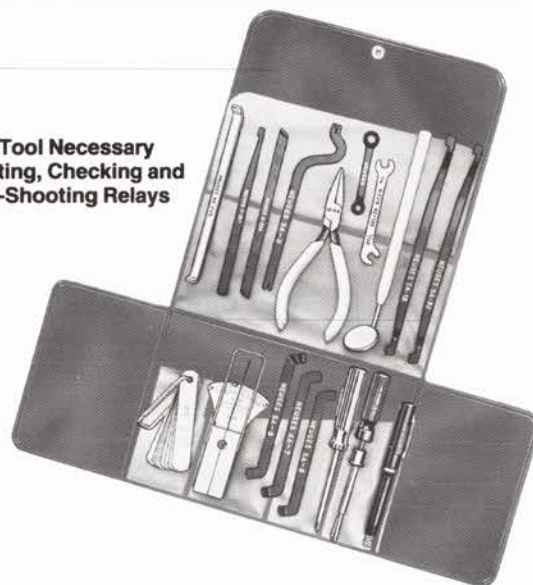
The **TK-18 Tool Kit** comes complete with every tool listed below—thickness gauges, a spring tension gauge, a contact burnisher—everything you could wish for to do the job fast and efficiently.

A new 8-page instruction booklet on "How to Service Relays" is available without charge. Send your request to P. K. Neuses, Inc., P.O. Box 100, Arlington Heights, Illinois 60006.

**TK-18 Tool Kit**—Vinyl plastic case with pockets, instruction booklet and one each of the following tools:

SA-6	SA-9	N-50	N-206	N-376A	CB-5
SA-7	SA-18	N-84	N-207	N-474A	N-82-13
SA-8	SA-32	N-96	SA-246	N-3216	N-1253

**Every Tool Necessary  
for Adjusting, Checking and  
Trouble-Shooting Relays**

**TK-2  
CABLE TERMINATING TOOL KIT**

A complete set of tools specifically designed for cable sheath slitting, ring cutting, lacing, sewing, parallel drop wire slitting, switch or panel board terminating—everything needed for cable work.

The **TK-2 Cable Tool Kit** comes complete in a handy vinyl carrying case and is perfect for use in either the Central Office or in the field.

The kit consists of one each of the following tools: N-2878 Sheath Stripper, N-62267 Sheath Slitter, N-2060 Ring Cutting Tool, N-287 Curved Sewing Needle, N-287-7S Straight 7" Sewing Needle for longer reach, N-2257 Wire Loop Lacing Needle, N-2500 Aerial Drop Wire Slitter and N-284 Straight Flat Metal Sewing Needle.

A complete description of each tool can be found on pages 2 and 3 of this catalog.



**SPRING TENSION GAUGES / DYNAMOMETERS**

**Extremely Accurate for Setting or Checking  
Tension of Relays and Other Springs**

**Well Made • Accurately Calibrated  
Definite and Dependable • Easy to Hold**

**Construction** — Non-magnetic stainless steel frame with scale calibrated front and back. Indicating spring. Folding handle. Adjustable tension attachment.

- N-10** (Weco. 70F) 10-0-10 grams, 1 gram steps.  
**N-30** (Weco. 70H) 0-30 grams, 2 gram steps.  
**N-50** (Weco. 70D) 50-0-50 grams, 5 gram steps. (Included in **TK-18 Tool Kit**).  
**N-150** (Weco. 70J) 0-150 grams, 5 gram steps.  
**N-300** 0-300 gram range, 10 gram steps.



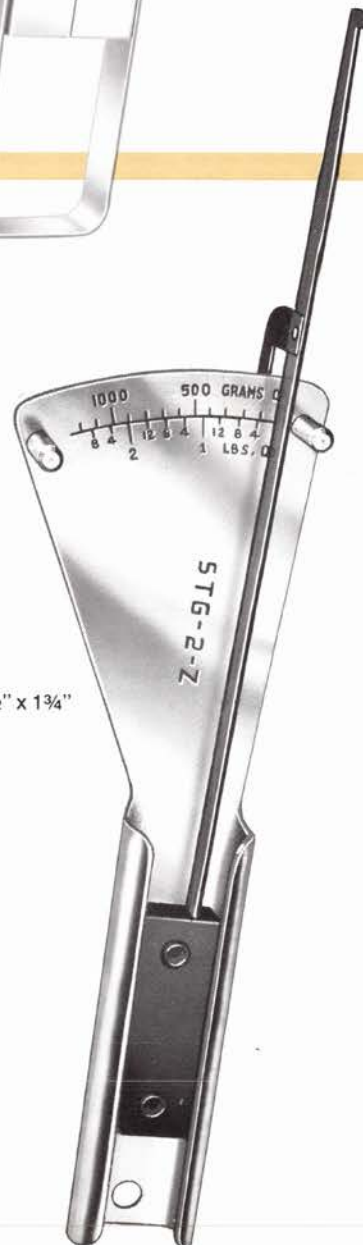
Size: 4½" x 1¾"

**FOR HEAVIER SPRINGS**

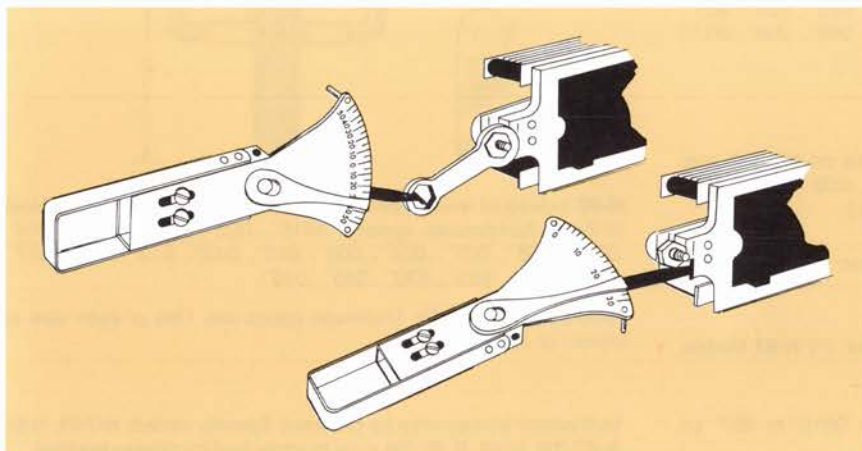
- N-700** (Weco. 62B) 0-700 grams range, 50 gram steps.  
**STG-2-Z** Range: 0 to 2¾ lbs. in ounces, and 0-1200 grams in 100 gram divisions.  
**N-2000** Range: 0 to 5 lbs. in ounces, and 0-2000 grams in 100 gram divisions.

Grams (units of weight of the metric system) may be converted to ounces avoirdupois by this table:

¼ ozs. =	7.087 grams
½ ozs. =	14.175 grams
1 ozs. =	28.350 grams
3 ozs. =	85.050 grams
7 ozs. =	198.450 grams
10 ozs. =	283.500 grams
16 ozs. =	453.600 grams



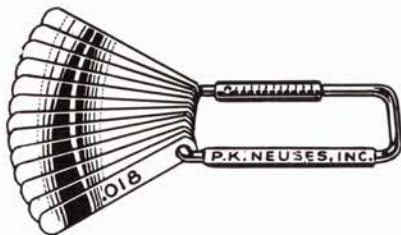
Size: 5½" x 1¾"



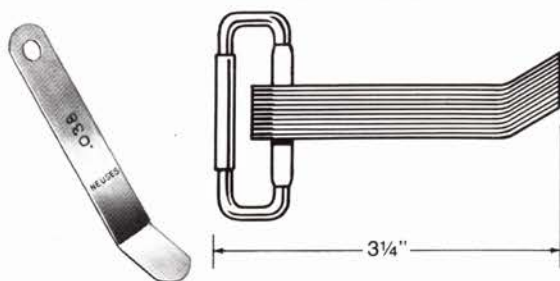


## THICKNESS GAUGES

Thickness Gauges of hardened, tempered, bright polished spring steel—U.S. Government Bureau of Standards accuracy rigidly adhered to. Our Thickness Gauges are made of the finest grade steel. They will withstand long wear. Sizes are permanently etched on each blade.



**N-74D** (Weco. 74D) Thickness gauge set with rounded end leaves  $1\frac{3}{4}$ " long by  $\frac{1}{4}$ " wide on **N-131R** ring. Readily removed and replaced. 13 leaves: .0015", .002", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .018".



**N-82-43** Thickness gauge set. One of each size as shown on **N-131R** ring. Individual leaves, rounded end offset type,  $\frac{1}{2}$ " wide by 3" long with 30° offset  $11\frac{1}{16}$ " from end, in stock in these thicknesses, specify: .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .022", .023", .024", .025", .026", .027", .028", .029", .030", .031", .032", .033", .034", .035", .036", .037", .038", .039", .040", .045", .050".

**N-82-13** Thickness gauge set. 13 **N-82** leaves on **N-131R** ring. .0015", .002", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .018". (Included in **TK-18 Tool Kit**.)

**N-82-15** (Weco. KS6938) Thickness gauge set. 15 **N-82** blades .026" to .040" on **N-131R** ring.

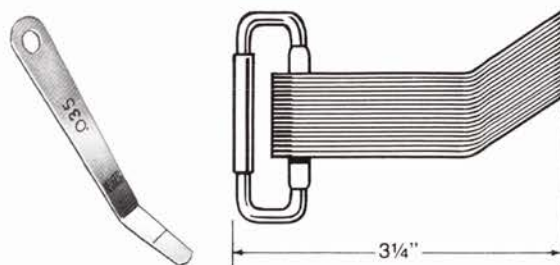
**N-82-25** (Weco. KS6909) Thickness gauge set. 25 **N-82** blades. .0015" to .025" on **N-131R** ring.

**N-82-37** Thickness gauge set. 37 **N-82** blades .0015" to .037" on **N-131R** ring.

## NON-MAGNETIC STAINLESS STEEL BLADES

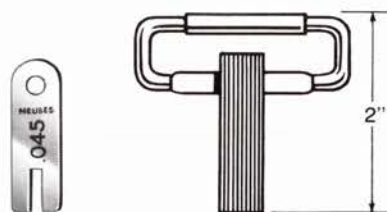
**N-82-SS-25** Thickness gauge set. Same as **N-82-25** except .0015" to .010" blades are of Type 301 non-magnetic SS blades. .011" to .025" are standard (magnetic) thickness gauge steel. On **N-131R** ring.

**N-82-SS** Individual non-magnetic SS leaves available. .0015", .002", .003", .004", .005", .006", .007", .008", .009", .010".



**N-88** Individual leaves, tapered, rounded end offset type,  $\frac{1}{2}$ " wide by 3" long tapered down to  $\frac{1}{4}$ " wide, 35° offset 1" back from narrow end, scribe line .375" back from narrow end. In stock in these thicknesses, specify: .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .022", .023", .024", .025", .026", .027", .028", .029", .030", .031", .032", .033", .034", .035", .036", .037".

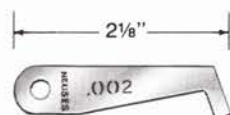
**N-88-37** Thickness gauge set. One of each size .0015" to .037" on **N-131R** ring.



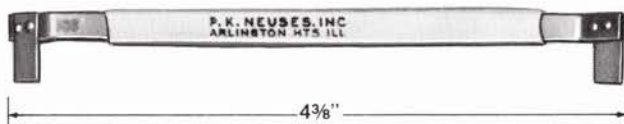
**N-90** Individual leaves, straddle type,  $\frac{1}{2}$ " wide by  $1\frac{1}{2}$ " long in stock in these thicknesses, specify: .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .012", .013", .015", .017", .020", .023", .025", .030", .040", .045".

**N-90-21** (Weco. 66D) Thickness gauge set. One of each size as shown on **N-131R** ring.

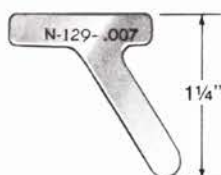
Individual leaves may be ordered. Specify series: **N-74D**, **N-82**, **N-82-SS**, **N-88**, **N-90**. Be sure to state leaf thickness wanted.



- N-92A** (Weco. 92A) Thickness gauge, dog leg .010" thick.  
**N-92D** (Weco. 92D) Thickness gauge, dog leg .018" thick.  
**N-92H** (Weco. 92H) Thickness gauge, dog leg .025" thick.  
**N-92P** (Weco. 92P) Thickness gauge, dog leg .003" thick.  
**N-92R** (Weco. 92R) Thickness gauge, dog leg .0015" thick.  
**N-92S** (Weco. 92S) Thickness gauge, dog leg .002" thick.



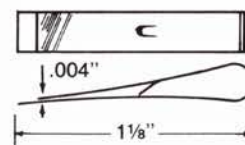
**N-117A** (Weco. 117A) Thickness gauge, double end, .006" and .008". Double end flat limit gauge intended for use in measuring the clearance between the rotary pawl and the rotary pawl front stop of Nos. 197 and 198 type switches.



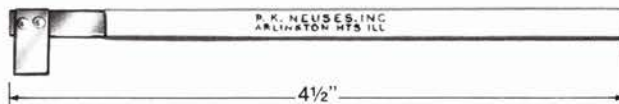
**N-129A** (Weco. 129A) Airline thickness gauge .007". For use in checking the gap between the heel piece and armature of 247 and 248 type relays.



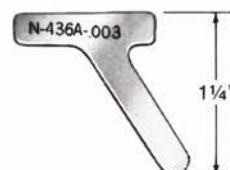
**N-131R** Sliding member ring for gauges, keys, etc.



**N-133A** (Weco. 133A) Thickness gauge for use in gauging stud gaps in U & Y type relays.



**N-134A** (Weco. 134A) Thickness gauge. Flat blade in an insulated handle for adjusting separation of the normally open contact of the make before break springs of U & Y type relays. .010" thick.

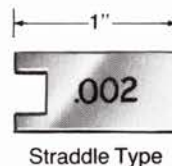
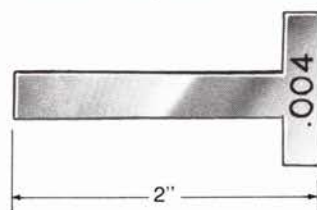
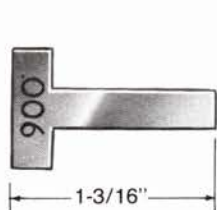


**N-436A** (Weco. 436A) Thickness gauge. Airline T gauge .003" for use on R & T type relays.

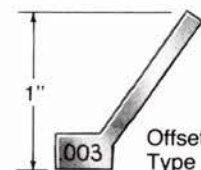


**N-80223** (Weco. 80223) Double ended thickness gauge. Has 2 steps .030" and .045" at one end and .060" and .120" at other end. For adjusting release armature on SXS switches (Strowger switches).

#### Airline Gauges Cat. No. 90410 (formerly EE-AM-90410)



Straddle Type



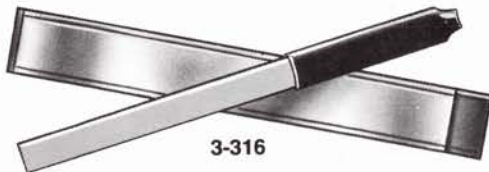
Offset Type

Cat. No.	Detail No.	Thickness	Shape	Use
N-90410	Det. 1	.003"	Offset	Type 58 relays
N-90410	Det. 2	.0015"	Offset	Type 58 relays
N-90410	Det. 3	.0015"	"T" large	Type 45 relays
N-90410	Det. 4	.004"	"T" large	Type 45 relays
N-90410	Det. 5	.003"	"T" small	Type 57 relays
N-90410	Det. 6	.006"	"T" small	Type 57 relays
N-90410	Det. 7	.002"	Straddle	Type "CODEL" relays
N-90410	Det. 8	.0015"	"T" small	44 type Rt/sw.
N-90410	Det. 9	.004"	"T" small	44 type Rot/sw.
N-90410	Det. 10	.006"	"T" large	
N-90410	Det. 14	.005"	"T" large	



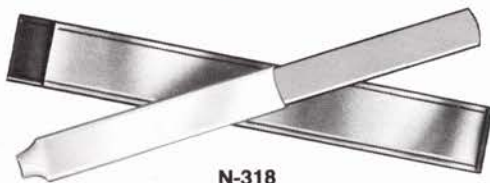
## "NON-RESIDUAL" CONTACT BURNISHERS CONTACT CLEANING TOOLS

Designed for any type contact—silver, platinum, gold, palladium, tungsten, molybdenum—all precious metal contacts. These "non-residual" tools leave no fillings, grit, dust or film on contacts to start a new carbonaceous build-up. They are economical and flexible, with enough stiffness to apply the right pressure to the contact face offering minimum wear on costly contacts. Insulated plastic handles eliminate possible shocks or shorts when working on live contacts. The microfine abrading element texture leaves contacts smooth, clean and without residue. These burnishers have been proven successful by leading instrument manufacturers as the only tool to use in cleaning contacts for longer life and fewer service complaints.



**3-316** Overall length 3" in balance with 2" long blade. 3/16" width by .007" thickness lets you get into cramped places. For best efficiency, each tool is in a vinyl case for protection from grease and moisture. Quantity users (1000 or more) may have name embossed at low per piece cost. Standard package contains 50 contact burnishing tools.

**3-316S-10** Sample trial package of 10.



**N-318** Heavy duty type with greater contact burnishing area. Blade is 1/4" wide, .010" thick and 3 1/4" long. Standard package contains 50.

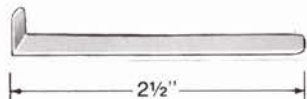
**N-318S-10** Sample trial package of 10.



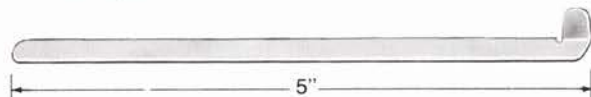
**N-373D** (Weco. 373D) For holding and storing **N-374A, B** and **C** burnisher blades. Insulated handle with holding chuck.



**N-374A** (Weco. 374A) Burnisher blade for cleaning contact points. Use with **N-373D** holder. .018" thick, tapered ends.



**N-374B** (Weco. 374B) Burnisher blade for use with **N-373D** holder. .018" thick, tapered end.



**N-374C** (Weco. 374C) Burnisher blade for use with **N-373D** holder. .018" thick, tapered end.



**CB-5**



### POCKET TYPE WITH REPLACEABLE BLADES

Handy and practical, with pocket clip and magazine of extra blades. Blades fit into chuck at end of barrel. Practically any degree of blade rigidity is possible by varying depth of blade in chuck. Reservoir for extra blades at other end. Black plastic barrel and cap permits working on live contacts. 4 1/4" long x 3/8" diameter overall. Blades are 11/64" wide x 1 1/2" long.

**CB-5** Contact burnisher with 6 (**No. 266B**) .007" thick blades. (Included in **TK-18 Tool Kit**.)

**CB-54** Same as **CB-5** except has 6 (**No. 466B**) .0035" thick blades.

**CB-6** Same as **CB-54** except also contains 6 (**No. 266C**) round ended abrasive rods.

**CB-7** Same as **CB-5** except has 6 (**No. 566B**) new smooth satin finished blades.

**266B** Extra .007" blades. Package of 100 blades.

**266BM-25** Minimum package 25 — .007" blades.

**266C** Round ended abrasive rods for cleaning concave contacts. 1 1/4" long x .022" diameter with mildly abrasive balls at ends. Fits **CB-5** or **CB-54**. Minimum package 50 rods.



**N-266E** .004" thick burnisher blades. Fits our **CB-5** and **CB-54** holders.

**N-266E-25** Minimum package 25 — .0035" blades.

**466B** Extra .0035" blades. Package of 100 blades.

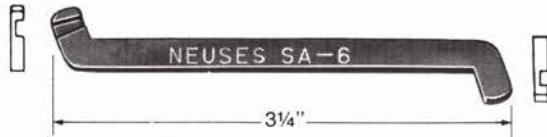
**466BM-25** Minimum package 25 — .0035" blades.

**566B** Extra .007" satin finished blades for **CB-7**. Package of 100 blades.

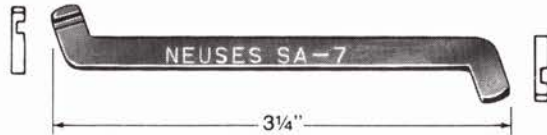
**566BM-25** Extra .007" satin finished blades for **CB-7**. Package of 25 blades.



# SPRING, ARMATURE, ETC.



**SA-6** (Aeco. H-88502-1) Adjuster, armature with oblique slots tapered from .115" to .130" wide by .047" deep. (Included in **TK-18 Tool Kit**.)



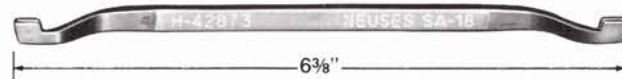
**SA-7** Adjuster, armature with oblique slots .088" wide by .047" deep. (Included in **TK-18 Tool Kit**.)



**SA-8** (Weco. 597A) (Aeco. H-14768) Adjuster, armature with 3 oblique slots .1094" wide by .047" deep. (Included in **TK-18 Tool Kit**.)



**SA-9** (Aeco. H-14769) Armature stop adjuster with .064" slots stepped down to .032" each end. (Included in **TK-18 Tool Kit**.)



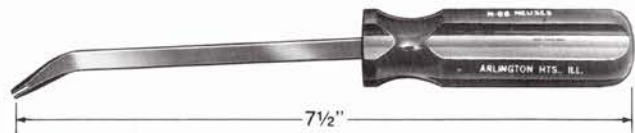
**SA-18** (Aeco. H-42873) Spring adjuster, offset with .018" lengthwise slots, insulated handle. (Included in **TK-18 Tool Kit**.)



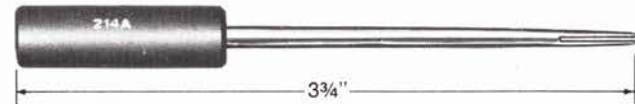
**SA-32** (Aeco. H-20777) Spring adjuster, offset with .032" lengthwise slots, insulated handle. (Included in **TK-18 Tool Kit**.)



**N-58** (ITT 58()770) Double end spring adjuster 1/4" offset .023" and .025" slots.



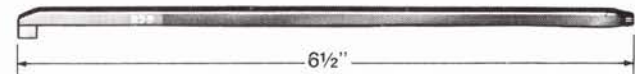
**N-88** (Stromberg 88) Fast bending tool, .036" slot, offset 30°.



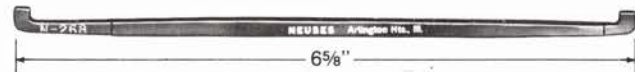
**N-214A** (ITT 214A) Similar to **N-363** except has .018" slot 7/16" deep. See page 10.



**SA-246** (Aeco. H-24600-1) Adjuster tool .040" and .028" slots. (Included in **TK-18 Tool Kit**.)



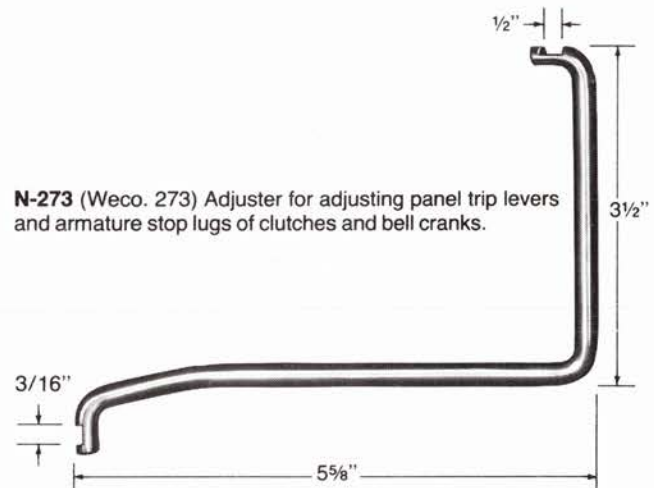
**N-259** (Weco. 259) Spring adjuster .031" slot. Insulated handle.



**N-268** (Weco. 268) Double end, spring adjuster .025" slots. Insulated handle.



**N-272** Adjuster tool. 3 3/4" long, slot size .021", handle 2 1/2".



**N-273** (Weco. 273) Adjuster for adjusting panel trip levers and armature stop lugs of clutches and bell cranks.



**N-143** Spring adjusting tool 3" long, slot .014", leaf springs.



**N-303** (Weco. 303) Armature adjuster 3" long, .038" slot.

**N-203** Spring adjusting tool 3" long, slot .020", leaf springs.



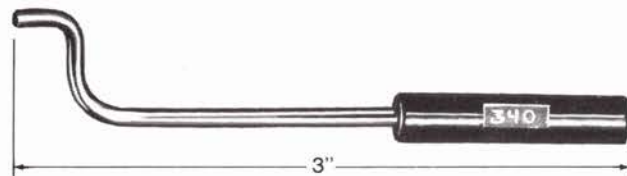
**N-325B** (Weco. 325B) Clutch trip lever adjuster. Slots .080".



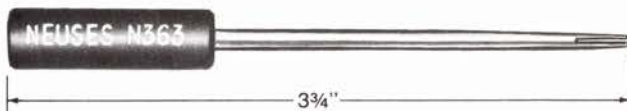
**N-326B** (Weco. 326B) Tool for holding trip lever of clutches. Slots .080".



**N-332** (Weco. 332) Retractable spring lug adjuster—horizontal trip rods. Slots .072".



**N-340** (Weco. 340) Armature and contact airgap adjuster (polarized relays).



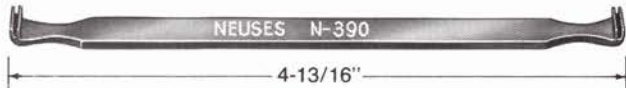
**N-363** (Weco. 363) Adjuster tool with 1/8" round shank tapering down to .018" wide slot that is 3/16" deep.



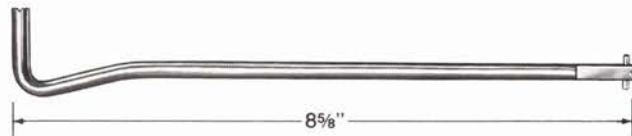
**N-363B** (Aeco. 363B) Similar to **N-363** except has .022" slot 13/64" deep and 22° offset.



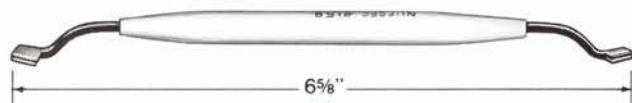
**N-371** (Weco. 371) Spring adjuster, single end, .057" slot, insulated handle.



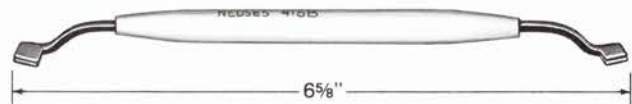
**N-390** (Aeco. H88390-1) Double end adjuster, type 26 for lever key adjusting. Slot sizes .034" and .023".



**N-405A** (Weco. 405A) Drift tool in adjusting position of line bank combs and plunger type primary, secondary and out of trunk switches.



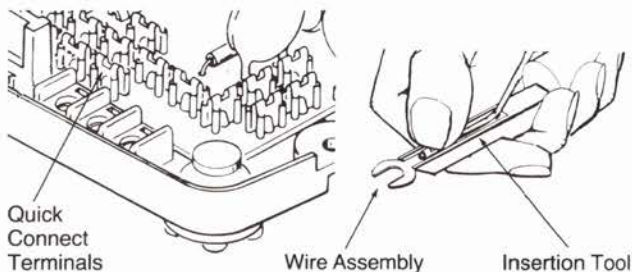
**N-415B** (Weco. 415B) Contact spring adjusting tool. Intended for use in the maintenance of horizontal type relays in step-by-step dial telephone systems. .020" slots.



**N-416B** (Weco. 416B) Same as **N-415B** except has .035" slots.



**N-493** (Automatic Electric BT-900493-SP) Insertion tool for AMP "Spanish terminal". 3 1/2" long. For use when inserting the spade terminal leads into the quick-connect terminals.

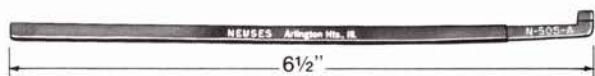


**N-504-18** (Aeco. H-88504-2) Oblique, offset, double ended spring adjuster with .018" wide slots.





**N-504-34** (Aeco. H-88504-1) Same as **N-504-18** except has .034" slots.



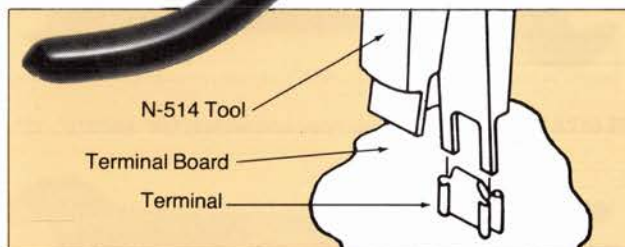
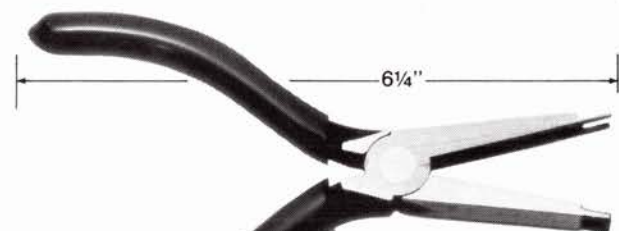
**N-505A** (Weco. 505A) Spring adjuster .014" slot. Insulated handle.

**N-506A** (Weco. 506A) Spring adjuster .024" slot, 1/4" deep. Insulated handle.

**N-506B** (Weco. 506B) Spring adjuster .024" slot, 3/16" deep. Insulated handle.

**N-507A** (Weco. 507A) Spring adjuster .032" slot. Insulated handle.

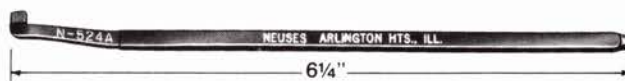
All tools above are the same as **N-505A** except for slot and depth sizes.



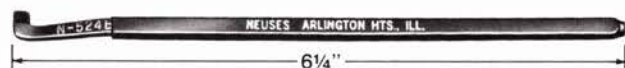
**N-514** (Automatic Electric CT-900514-SP) Receptacle adjusting tool used to resize terminals in 80E telephone set. 6 1/4" long. Fingers of tool are inserted into terminal until fingers contact terminal board. Handles of pliers are then squeezed together firmly to resize.



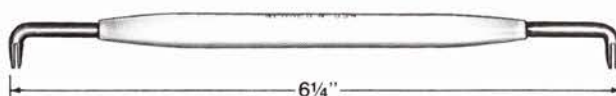
**N-516** (Aeco. 12861) Chisel edged, double ended spring adjuster with .016" wide offset lengthwise slots.



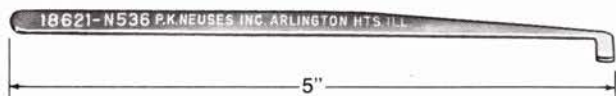
**N-524A** (Weco. 524A) Spring adjuster, .015" slot, for adjusting the outer movable spring of No. 245 and 254 relays. Insulated handle.



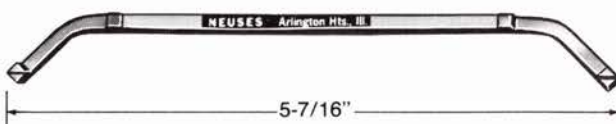
**N-524B** (Weco. 524B) Spring adjuster, .015" slot, used with **N-524A** above. Insulated handle.



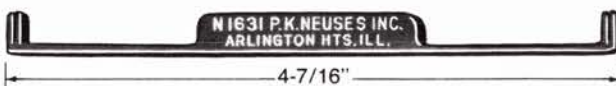
**N-534** (Weco. C-653431) Double ended adjuster with smoothly polished slots .034" wide x 1/4" deep for contact and multiple springs of crossbar switches. Insulated handle.



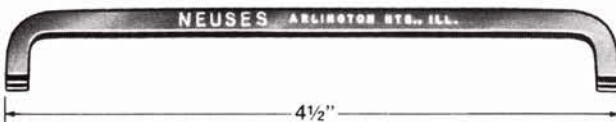
**N-536** (Aeco. 18621) Chisel edged, single ended spring adjuster with .036" wide slot, lengthwise.



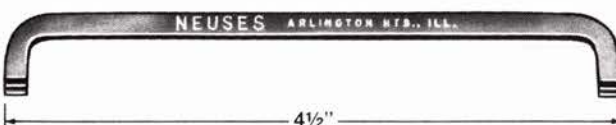
**N-582A** (Weco. 582A) Spring adjuster for adjusting the tongs of the springs which rest on the spoolhead of "VA" type relays. .035" slots. Insulated handle.



**N-1631** Adjuster tool with crosswise slots, one slot .016" wide and other slot .031" wide.



**N-19945** Double end adjuster for 400 type relays, .017" slots.



**N-19946** Double end adjuster for 400 type relays, same as above except .035" slots.

## Need a special tool?

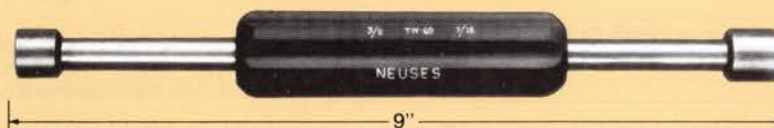
Send P. K. Neuses, Inc.  
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and quantity . . .

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on special tools call:

**(312) 253-6555**

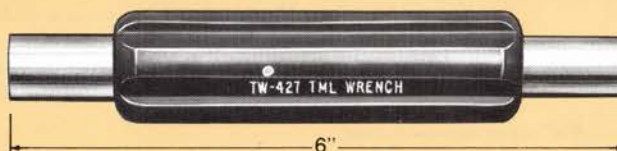
## HEX, BOX, OPEN END, ETC.

**TW-69 HEX SOCKET WRENCH**

The newest and most popular 3/8" and 7/16" hex socket wrench available features all the strength and engineering of the **N-311** and the **TW-427** along with greater torque provided by a larger grip. The wrench is 9" long, has an insulated handle, and the hardened steel shafts are hollow for tightening nuts on long screws.

**N-311 HEX SOCKET WRENCH (Aeco. 311)**

Very popular 3/8" and 7/16" hex socket wrench. Note slim 11/16" OD handle for reaching into narrow openings. Has hollow shafts for tightening nuts on long screws. Ends are insulated from each other.

**TW-427 HEX SOCKET WRENCH**

Terminal wrench 3/8" and 7/16" hex openings are 1" long for locking series of nuts on long screws.



**N-24 (Stromberg 24)** Double socket wrench and screwdriver 1/4" and 3/16" hex.

**N-72 (Weco. 72)** Double socket wrench and screwdriver 3/16" and 5/32" hex.

**N-48 (Weco. 48) (Aeco. H-883772-1)** Double socket wrench and screwdriver 7/32" and 1/4" hex.



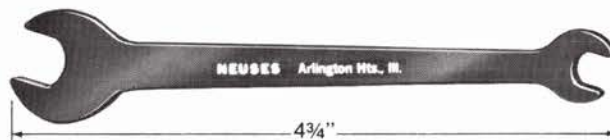
**N-43 (Weco. 43)** Double open end wrench 3/16" and 1/4".



**N-74 (Weco. 74)** Double open end wrench 5/32" and 7/32".



**N-110 (Weco. 110)** Double end socket wrench for 9/32" and 5/16" hex nuts.



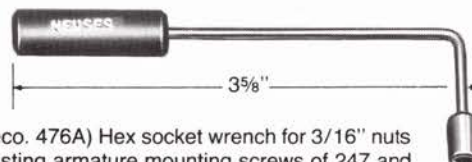
**N-417A (Weco. 417A)** Double open end wrench 1/4" and 3/8", 15°.



**N-418A (Weco. 418A)** Double open end wrench 7/32" and 5/16", 15°.



**N-474A (Weco. 474A)** Box wrench, 2 3/8" long, offset, 1/4" and 3/16" hex. (Included in **TK-18 Tool Kit**.)



**N-476A (Weco. 476A)** Hex socket wrench for 3/16" nuts used in adjusting armature mounting screws of 247 and 248 type relays.



**N-3216** Open end wrench, 3" long, 1/4" opening at 15°, 7/32" opening at 60° end. (Included in **TK-18 Tool Kit**.)





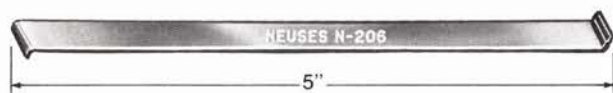
**N-40** (Weco. 40) Double screwdriver for use with drops, offset, .021\".



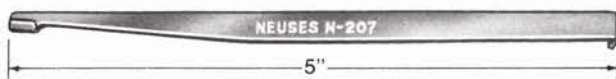
**N-42** (Stromberg 42) Screwdriver for switchboard plugs. Has point for engaging "hole-in-head" screws.



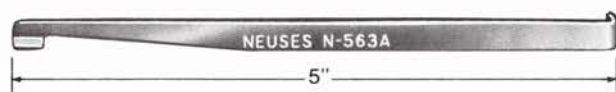
**N-96** Screwdriver, precision, No. 0, for Phillips head screws. (Included in TK-18 Tool Kit.)



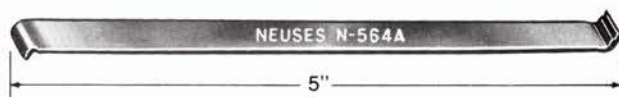
**N-206** (Weco. 206) Offset screwdriver 30° for mounted relay screws and general use. Blade ends .028" thick and 1/4" wide. (Included in TK-18 Tool Kit.)



**N-207** (Weco. 207) Offset screwdriver used with N-206 for mounted relay screws and general use. Blade ends .028" thick and 1/4" wide. (Included in TK-18 Tool Kit.)



**N-563A** (Weco. 563A) Offset screwdriver 90° for No. 6 screws.



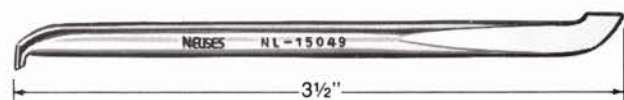
**N-564A** (Weco. 564A) Offset screwdriver 45° for No. 6 screws.



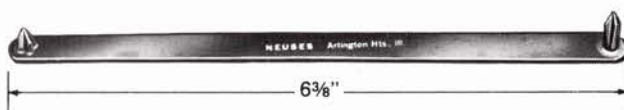
**N-1253** Screw-holding screwdriver 1/8" x 3" plus handle. (Included in TK-18 Tool Kit.)



**N-1734** (Stromberg 93) Screw-holding screwdriver 5/32" x 4" plus handle.

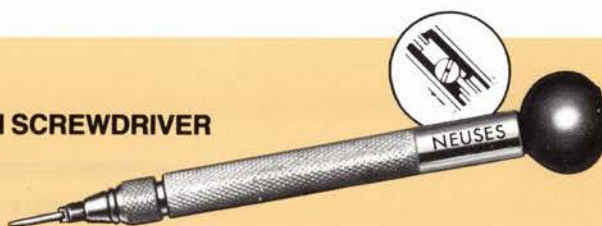


**NL-15049** New offset screwdriver for slotted small screws in confined quarters. Has .015" bit width for smallest of screw slots. Lets you reach into aperture small as 9/32". Hardened and stress relieved for maximum toughness.



**N-576099** (North 576099) Offset Phillips screwdriver No. 1.

### FAMOUS GUIDE-PIN SCREWDRIVER

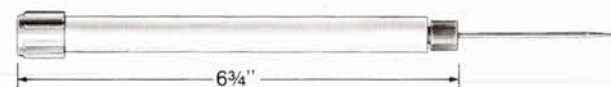
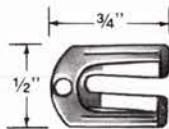


**N-2348** (Weco. KS-2348) (Aeco. H-883182-1) Screw guiding screwdriver for small "hole-in-head" screws. Retractable guide pin simplifies screw insertion and removal.

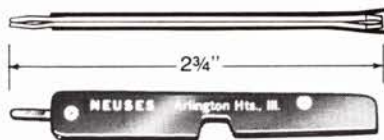
**N-2348B** Replacement screwdriver blades for N-2348 screwdriver.

**N-2348J** Pointer and shaft assembly.

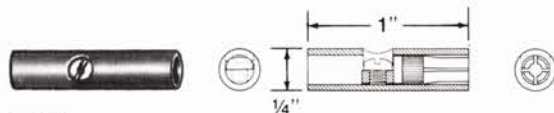
**N-136B** (Weco. 136B) Cut-over tool for holding the armature of flat type relays in either the operated or non-operated position. Package of 10.



**N-411C** (Weco. 411C) Adjustable test probe, insulated handle.



**N-357** (Weco. 357) Clip, for making connection to the springs of A and B type sequence switches. Also used for making connections to the springs of various other types of apparatus.



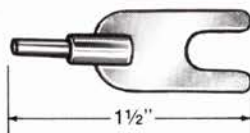
#### No. 360 Type

**Nos. 360A, 360B and 360C:** spring chucks. Used in conjunction with **Nos. 361B, 364 365 or 419A** tool; arranged to attach to Nos. 893, W1C, W1H, W1J, W1L, W1M or similar cords. Shells of insulating material colored as indicated: **360A**—Red, **360B**—Black, **360C**—White.

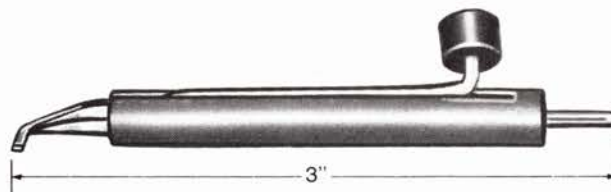
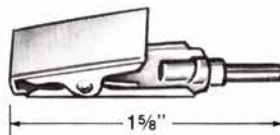


**N-361B** (Weco. 361B) Connector for making connection to the winding terminals of E, F, H, R and T type relays.

**N-364** (Weco. 364) Spade terminal for use with portable testing equipment.



**N-365** (Weco. 365) Connecting clip used with **No. 360** connectors for portable testing equipment.



**N-419A** (Weco. 419A) Test connector, used with **No. 360** type tools for test connections to spring and relay terminals.



**N-509A** (Weco. 509A) Relay winding connector for use with U & Y type relays.



**N-509B** (Weco. 509B) Relay winding connector for use with No. 286, 287 and 288 type relays.



**N-548A** (Weco. 548A) Used in making test connections on holding magnets on Nos. 300, 301, 302 and 303 type switches. Insulated handle.



**N-2348** (Weco. KS-2348) (Aeco. H-883182-1) Screw guiding screwdriver for small "hole-in-head" screws. Retractable guide pin simplifies screw insertion and removal.

**N-2348B** Replacement screwdriver blades for **N-2348** screwdriver.

**N-2348J** Pointer and shaft assembly.



**N-389A** (Weco. 389A) Dial Bank cleaning brush.

**N-389B** Brush head only for brush.



**N-14162** (Weco. KS14162) 11" brushes. Package of 10.

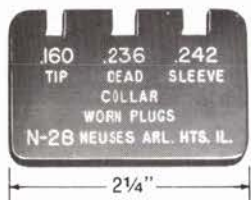


**N-14164** (Weco. KS14164) 11" brushes. Package of 10.

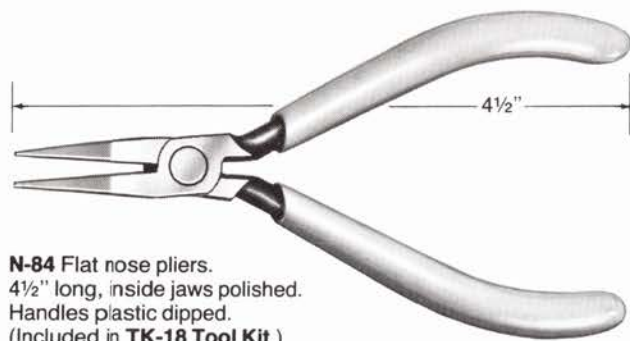


**N-2969** (Weco. R2969) 6" brushes. Package of 10.

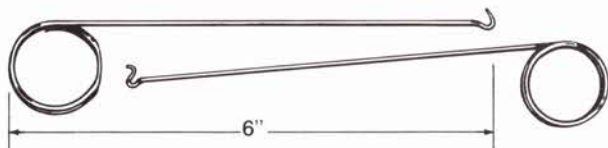




**N-28** (Weco. 28) Phone plug gauge. 1/4" thick plug gauge, tip .160", dead collar .236", sleeve .242".

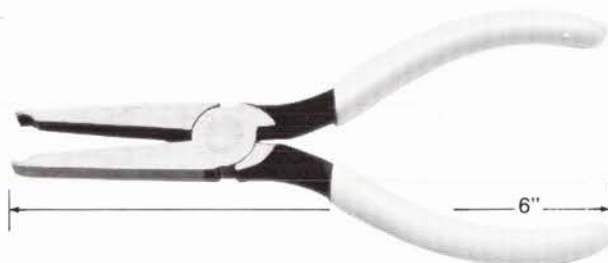


**N-84** Flat nose pliers. 4 1/2" long, inside jaws polished. Handles plastic dipped. (Included in TK-18 Tool Kit.)

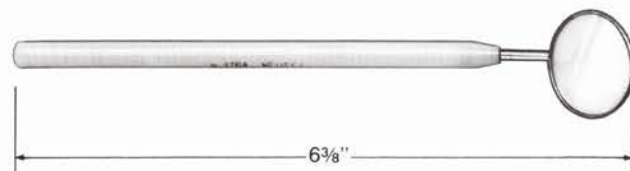


**N-120** Pull "Teletype" style tool for relay coil springs or any other "reach-in" use.

**N-125** Push, same as above except push type.

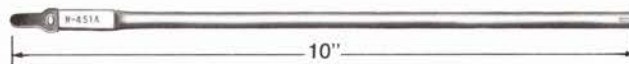


**N-313D** Heat coil pliers. Nose-shaped for handling heat coils of protectors or inserting and extracting coils, fuses and other cylindrical shaped components. Insulated dipped plastic handles are designed for "no-pinch" clearance.



**N-376A** (Weco. 376A) Inspection mirror, magnifying. Has 1/4" diameter handle with 1 1/8" diameter mirror on 45° angle. (Included in TK-18 Tool Kit.)

**N-376B** (Weco. 376B) Same as above but with 3/4" mirror.



**N-451A** (Weco. 451A) Terminal cleaner of plunger trip lineswitch banks.



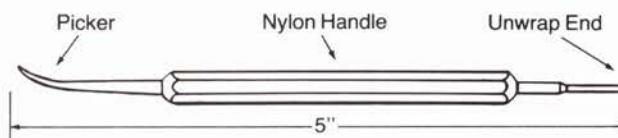
**N-557A** (Weco. 557A) Plug cushion placing clip used for applying cushions (rubber grommets) on switchboard plugs.



**N-647** Bare wire strapping tool. Use to speed and simplify strapping bare wire from terminal-to-terminal. Tool is held in the hand like a pencil—gives fingertip accuracy and consistency—reduces unnecessary hand movements. Feed No. 22-gauge wire (or similar size) directly from the spool through center hole running full length of the tool. Lead wire into back end—feed out directly to the work from the insulated front end. 6" long.



**N-1102** (Weco. R1102) Spudger, pencil type.



**N-2830** Combination hand unwrap and "picker" tool for wire wrapped connections. Working ends are of stainless steel for 28-30 gauge wire. Unwraps right and left hand connections. Picker end has a correctly designed pick for lifting unwrapped wires safely without damaging insulation or neighboring connections. The handle is made of Delrin.



**N-3328** Unwrapping tool. Hand operated tool for removal of 22 or 24 gauge wire from terminals. Retractable sleeve protects extractor head. Insulated handle and tip. 6 3/8" long.



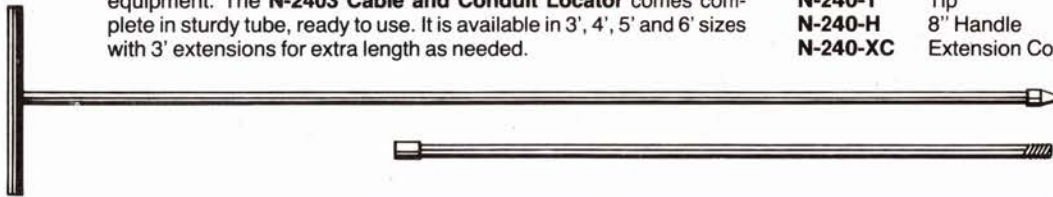
**N-6320** (Weco. KS6320) Orangewood stick. Package of 10 pieces.



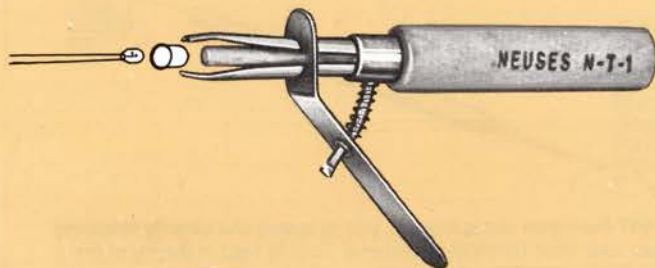
**N-570679** (North 570679) Magnetic shunt for adjusting polar relays in registers. 1 1/4" long.

**N-2403 CABLE AND CONDUIT LOCATOR**

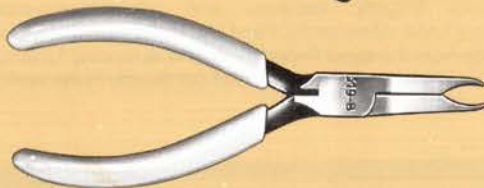
The **N-2403** probe offers fast, easy penetration of ground and positive location of underground objects with its highly machined stainless steel tip. The probe is not intended to replace existing cable or conduit locators—it is a practical, inexpensive tool that needs no special care. It will add safety and increase production of your power digging equipment. The **N-2403 Cable and Conduit Locator** comes complete in sturdy tube, ready to use. It is available in 3', 4', 5' and 6' sizes with 3' extensions for extra length as needed.



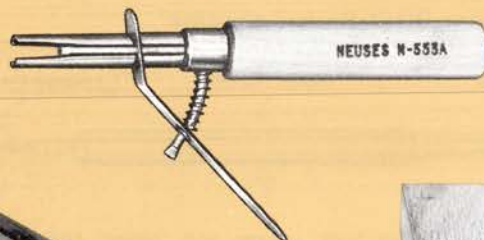
<b>N-2403</b>	3 Foot Locator (Complete)
<b>N-2404</b>	4 Foot Locator (Complete)
<b>N-2405</b>	5 Foot Locator (Complete)
<b>N-2406</b>	6 Foot Locator (Complete)
<b>N-240-X</b>	3 Foot Extension
<b>N-240-T</b>	Tip
<b>N-240-H</b>	8" Handle
<b>N-240-XC</b>	Extension Coupling

**N-T1 MICRO-MINIATURE EXTRACTOR**

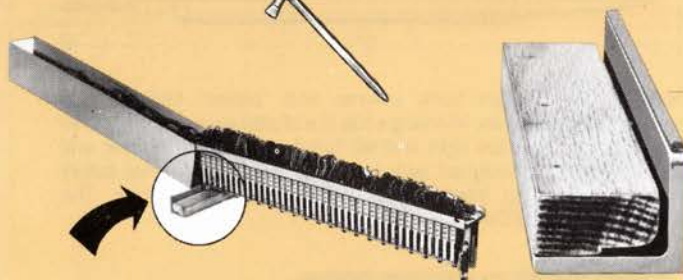
Specially designed for those "grain of wheat" lamps of  $\frac{1}{8}$ " diameter (T-1 type) with wire terminal bases. New extractor safely extracts the micro-miniature lamps as well as lamp caps from control panel assemblies. Features the same specifications as the **N-553A** extractor but has a specially designed front and end receiver for the micro-miniature lamps.

**N-319B LAMP CAP EXTRACTOR (Weco. 319B)**

Specially designed to extract switchboard lamp caps. Handles are plastic dipped. Length  $5\frac{1}{4}$ ".

**N-553A LAMP EXTRACTOR (Weco. 553A)**

Firmly and gently grasps miniature lamps with bayonet-type bases. Overall length is  $4\frac{3}{8}$ " with  $\frac{1}{2}$ " diameter handle. Area of lamp grasp is limited to  $\frac{3}{8}$ " to prevent shorting.

**N-4080 SUPPORT BRACKET**

Designed specifically for the Leich 40B and 80A PABX systems, this new support holds the bar firmly in the open position during maintenance and inspection. The **N-4080 Support Bracket** eliminates the chance of the bar falling on its side, which invariably happens without support, causing relays and contacts to become dislodged.

Terms: 30 days net. F.O.B. factory, Rolling Meadows or Arlington Heights, Illinois.

Please file claims with carrier for damage, broken boxes, etc. Please pay from invoice. Statements sent upon request only.

Our prices are in accordance with current price regulations as set forth by the U.S. Government. Manufacture of merchandise and performance of services ordered are in full compliance with all sections of the Fair Labor Standards Act of 1938, as amended.

**P. K. Neuses, Inc.**

TELE/COMMUNICATION TOOLS

Plant: 1401 Rohlwing Road, Rolling Meadows, Illinois 60008 • Telephone: (312) 253-6555

Mail: P.O. Box 100, Arlington Heights, Illinois 60006



**PAGE 2**

<b>N-62267</b>	Cable Sheath Slitter	\$ 5.62
<b>N-62267A</b>	Extra Blades (Pkg. of 6)	4.52
<b>N-2878</b>	Cable Sheath Stripper	9.96
<b>N-2878B</b>	Blade Guide Retainer	1.86
<b>N-2878H</b>	Extra Blades (Pkg. of 6)	.34
<b>N-2060</b>	Cable Ring Cutting Tool	8.98
<b>N-2060A</b>	Extra Blades (Pkg. of 6)	.84
<b>N-2060-18</b>	Cable Ring Cutting Tool, .018" Cut	8.98
<b>N-2060-18A</b>	Extra Blades (Pkg. of 6)	.84
<b>N-287</b>	Curved Cable Lacing Needle	3.02
<b>N-287A</b>	Extra Blades (Pkg. of 6)	6.56
<b>N-287-7S</b>	Straight Cable Lacing Needle, 7"	3.02
<b>N-287-7SA</b>	Extra Blades (Pkg. of 6)	6.56
<b>N-2257</b>	Cable Wire Puller	3.22
<b>N-2257A</b>	Extra Wire Loops (Pkg. of 6)	4.92
<b>N-2257-XL</b>	Extra Long Reach Wire Puller	4.48

**PAGE 3**

<b>N-2077</b>	Cable Jacket Remover	\$13.52
<b>N-90872</b>	Protector Retainer Clamp	7.20
<b>N-1000</b>	Wire Stripper	7.45
<b>GT-T9</b>	Cable Fanning Board	66.25
<b>N-284</b>	Metal Needle	1.98
<b>N-289</b>	Metal Hook	1.34
<b>N-724A</b>	Wire Removal Tool	4.72
<b>N-2500</b>	Aerial Drop Wire Slitter	7.78
<b>N-2500A</b>	Extra Blades (Pkg. of 3)	2.88

**PAGE 4**

<b>N-2315</b>	Numbering & Lettering Kit	\$89.75
<b>N-2880</b>	Stamping Ink, Black	2.43
<b>N-2881</b>	Stamping Ink, White	2.43
<b>N-2882</b>	Stamping Ink, Yellow	2.43
<b>N-2883</b>	Stamping Ink, Vermillion	2.43
<b>TK-18</b>	Relay Service Tool Kit	50.15
<b>TK-2</b>	Cable Terminating Tool Kit	50.70

**PAGE 5**

<b>N-10</b>	0 to 10 Grams	\$ 9.58
<b>N-30</b>	0 to 30 Grams	9.58
<b>N-50</b>	0 to 50 Grams	9.58
<b>N-150</b>	0 to 150 Grams	9.58
<b>N-300</b>	0 to 300 Grams	10.86
<b>N-700</b>	0 to 700 Grams	11.82
<b>STG-2-Z</b>	0 to 1200 Grams	11.82
<b>N-2000</b>	0 to 2000 Grams	12.80

**PAGE 6**

<b>N-74D</b>	Individual Thickness Gauge Leaves	\$ .35
<b>N-74D</b>	Thickness Gauge Set	4.75
<b>N-82</b>	Individual Thickness Gauge Leaves	.48
<b>N-82-13</b>	Thickness Gauge Set	6.44
<b>N-82-15</b>	Thickness Gauge Set	7.40
<b>N-82-25</b>	Thickness Gauge Set	12.20
<b>N-82-37</b>	Thickness Gauge Set	17.96
<b>N-82-43</b>	Thickness Gauge Set	20.84
<b>N-82-SS</b>	Individual Non-Magnetic SS Blades	1.04
<b>N-82-SS-25</b>	Non-Magnetic Stainless Steel Blades	17.80
<b>N-88</b>	Individual Thickness Gauge Leaves	.90
<b>N-88-37</b>	Thickness Gauge Set	33.50
<b>N-90</b>	Straddle Type Thickness Gauge Leaves	.54
<b>N-90-21</b>	Thickness Gauge Set	11.60

**PAGE 7**

<b>N-92A</b>	Thickness Gauge, Dog Leg, .010" Thick	\$ .94
<b>N-92D</b>	Thickness Gauge, Dog Leg, .018" Thick	.94
<b>N-92H</b>	Thickness Gauge, Dog Leg, .025" Thick	.94

<b>N-92P</b>	Thickness Gauge, Dog Leg, .003" Thick	.94
<b>N-92R</b>	Thickness Gauge, Dog Leg, .0015" Thick	.94
<b>N-92S</b>	Thickness Gauge, Dog Leg, .002" Thick	.94
<b>N-117A</b>	Thickness Gauge, Double End	2.74
<b>N-129A</b>	Airline Gauge, .007"	.94
<b>N-131R</b>	Sliding Member Ring	.20
<b>N-133A</b>	Thickness Gauge, .004"	2.04
<b>N-134A</b>	Thickness Gauge, Flat Blade	3.18
<b>N-436A</b>	Airline Gauge, .003"	.94
<b>N-80223</b>	Double Ended Step Gauge	11.18
<b>N-90410-1</b>	Detail 1, .003" Offset	1.28
<b>N-90410-2</b>	Detail 2, .0015" Offset	1.28
<b>N-90410-3</b>	Detail 3, .0015" "T" 1/4	1.20
<b>N-90410-4</b>	Detail 4, .004" "T"	1.20
<b>N-90410-5</b>	Detail 5, .003" "T"	1.18
<b>N-90410-6</b>	Detail 6, .006" "T"	1.18
<b>N-90410-7</b>	Detail 7, .002" Straddle	1.44
<b>N-90410-8</b>	Detail 8, .0015" "T"	1.18
<b>N-90410-9</b>	Detail 9, .004" "T"	1.18
<b>N-90410-10</b>	Detail 10, .006" "T"	1.20
<b>N-90410-14</b>	Detail 14, .005" "T" lge.	1.20

**PAGE 8**

<b>3-316</b>	Contact Burnishing Tools (Std. Pkg. of 50), each piece	\$ .32
<b>3-316S-10</b>	Contact Burnishing Tools (Pkg. of 10)	4.25
<b>N-318</b>	Heavy Duty Contact Burnishing Tools (Std. Pkg. of 50), each piece	.52
<b>N-318S-10</b>	Heavy Duty Contact Burnishing Tools (Pkg. of 10)	5.20
<b>N-373D</b>	Burnisher Holder	2.82
<b>N-374A</b>	Blade	1.02
<b>N-374B</b>	Blade	.88
<b>N-374C</b>	Blade	1.62
<b>CB-5</b>	Contact Burnisher with 6 .007" Blades	4.90
<b>CB-54</b>	Contact Burnisher with 6 .0035" Blades	5.02
<b>CB-6</b>	Contact Burnisher with 6 .0035" Blades and 6 266C Abrasive Rods	6.50
<b>CB-7</b>	Contact Burnisher with 6 .007" Satin Finish Blades	5.02
<b>266B</b>	Extra .007" Burnisher Blades (Pkg. of 100)	10.12
<b>266-BM-25</b>	Extra .007" Burnisher Blades (Pkg. of 25)	2.95
<b>266C</b>	Ball Ended Abrasive Rods (Pkg. of 50)	15.45
<b>N-266E</b>	Blades (Pkg. of 100)	20.52
<b>N-266E-25</b>	Blades (Pkg. of 25)	5.70
<b>466B</b>	Extra .0035" Burnisher Blades (Pkg. of 100)	12.80
<b>466BM-25</b>	Extra .0035" Burnisher Blades (Pkg. of 25)	4.02
<b>566B</b>	Extra .007" Satin Finish Burnisher Blades (Pkg. of 100)	12.80
<b>566BM-25</b>	Extra .007" Satin Finish Burnisher Blades (Pkg. of 25)	4.02

**PAGE 9**

<b>SA-6</b>	"Z" Wrench .130" Slots	\$ 1.78
<b>SA-7</b>	"Z" Wrench .088" Slots	1.34
<b>SA-8</b>	"Z" Wrench .1094" Slots	1.52
<b>SA-9</b>	Reverse Curve Wrench	1.30
<b>SA-18</b>	Spring Adjuster .018"	1.66
<b>SA-32</b>	Spring Adjuster .032"	1.66
<b>N-58</b>	Adjuster, Double End	5.10
<b>N-88SC</b>	Adjuster, Bending	5.18
<b>N-214A</b>	Adjuster .018" Slot	2.58
<b>SA-246</b>	Adjuster Tool	2.10
<b>N-259</b>	Adjuster, .031" Slot	3.78
<b>N-268</b>	Adjuster, Double End .025"	3.68
<b>N-272</b>	Adjuster Tool .021" Slot	2.46
<b>N-273</b>	Adjuster	4.70



**PAGE 10**

N-143	Spring Adjuster .014"	\$ 3.58
N-203	Spring Adjuster .020"	3.58
N-303	Armature Adjuster .038" Slot	2.34
N-325B	Adjuster .080" Slot	4.16
N-326B	Adjuster .080" Slot	3.04
N-332	Adjuster, Lug	2.10
N-340	Adjuster, Airgap	1.60
N-363	Adjuster .018" Slot	2.58
N-363B	Adjuster .022" Slot	2.68
N-371	Adjuster .057" Slot	3.92
N-390	Adjuster, Double End	4.58
N-405A	Adjuster, Drift Tool	5.76
N-415B	Adjuster, Double .020"	5.12
N-416B	Adjuster, Double .035"	5.12
N-493	Insertion Tool	5.44
N-504-18	Adjuster .018" Oblique Slots	2.60

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N-504-34	Adjuster .034" Oblique Slots	\$ 2.60
N-505A	Adjuster, Spring .014" Slot	3.66
N-506A	Adjuster, Spring .024" Slot	3.66
N-506B	Adjuster, Spring .024" Slot	3.66
N-507A	Adjuster, Spring .032" Slot	3.66
N-514	Receptacle Adjusting Tool	20.58
N-516	Adjuster, Double Offset .016"	3.78
N-524A	Adjuster, Spring .015"	6.22
N-524B	Adjuster, Spring .015"	6.22
N-534	Adjuster, Double .034"	7.78
N-536	Adjuster, Chisel Edge .036"	2.26
N-582A	Adjuster, Double .035" Slots	7.26
N-1631	Adjuster, Double .016" and .031"	3.28
N-19945	Adjuster, Double .017"	4.50
N-19946	Adjuster, Double .035"	4.50

**PAGE 12**

TW-69	Hex Socket Wrench	\$ 5.28
N-311	Wrench, Hex Socket	4.75
TW-427	Wrench, Terminal Socket	4.75
N-24	Double Socket Wrench and Screwdriver	3.70
N-48	Double Socket Wrench and Screwdriver	3.70
N-72	Double Socket Wrench and Screwdriver	3.70
N-43	Double Open End Wrench	1.12
N-74	Double Open End Wrench	1.12
N-110	Double End Socket Wrench	3.62
N-417A	Double Open End Wrench	1.66
N-418A	Double Open End Wrench	1.66
N-474A	Wrench, Box	.34
N-476A	Wrench, Hex Socket 3/16"	4.06
N-3216	Open End Wrench	1.60

**PAGE 13**

N-40	Offset Screwdriver	\$ 4.66
N-42	Screwdriver for SWBD Plugs	4.60
N-96	Phillips Head Screwdriver	1.74
N-206	Offset Screwdriver	1.58
N-207	Offset Screwdriver	1.58
N-563A	Offset Screwdriver	2.40
N-564A	Offset Screwdriver	2.40
N-1253	Screw-Holding Screwdriver	2.02
N-1734	Screw-Holding Screwdriver	2.28
NL-15049	Offset Screwdriver	8.10
N-576099	Offset Phillips Screwdriver	4.40
N-2348	Guide Pin Screwdriver	5.18

**PAGE 14**

N-136B	Cut-Over Tool (Pkg. of 10)	\$ 1.92
N-357	Test Clip	4.64
N-360A,B,C	Connector, Red-A, Black-B, White-C	1.35
N-361B	Connector	13.36
N-364	Spade Terminal	1.24

N-365	Connecting Clip	1.70
N-411C	Test Probe	2.86
N-419A	Test Connector	7.26
N-509A	Relay Winding Connector	13.36
N-509B	Relay Winding Connector	13.36
N-548A	Test Connector	13.36
N-2348	Guide Pin Screwdriver	5.18
N-2348B	Replacement Blades	.84
N-2348J	Pointer and Shaft Assembly	1.58
N-389A	Dial Bank Cleaning Brush	2.24
N-389B	Brush Head Only	1.12
N-14162	Brush (Pkg. of 10)	7.24
N-14164	Brush (Pkg. of 10)	9.76
N-2969	Brush (Pkg. of 10)	5.14

**PAGE 15**

N-28	Phone Plug Gauge	\$ 7.26
N-84	Flat Nose Pliers	6.08
N-120	Pull Tool	1.44
N-125	Push Tool	1.44
N-313D	Heat Coil Pliers	8.44
N-376A	Inspection Mirror	2.26
N-376B	Inspection Mirror	2.26
N-451A	Terminal Cleaner	4.48
N-557A	Plug Placing Clip	5.08
N-647	Bare Wire Strapping Tool	1.76
N-1102	Spudger, Pencil Type	.94
N-2830	Unwrap and "Picker" Tool	12.16
N-3328	Unwrapping Tool	4.86
N-6320	Orangewood Stick (Pkg. of 10)	2.56
N-570679	Magnetic Shunt	.46

**BACK COVER**

N-2403	3 Foot Locator (Complete)	\$ 7.20
N-2404	4 Foot Locator (Complete)	7.72
N-2405	5 Foot Locator (Complete)	8.78
N-2406	6 Foot Locator (Complete)	9.60
N-240-X	3 Foot Extension	5.60
N-240-T	Tip	1.34
N-240-H	8" Handle	3.20
N-240-XC	Extension Coupling	1.34
N-T1	Micro Miniature Extractor	2.68
N-319B	Lamp Cap Extractor	7.74
N-553A	Lamp Extractor	2.35
N-4080	Support Bracket	5.12