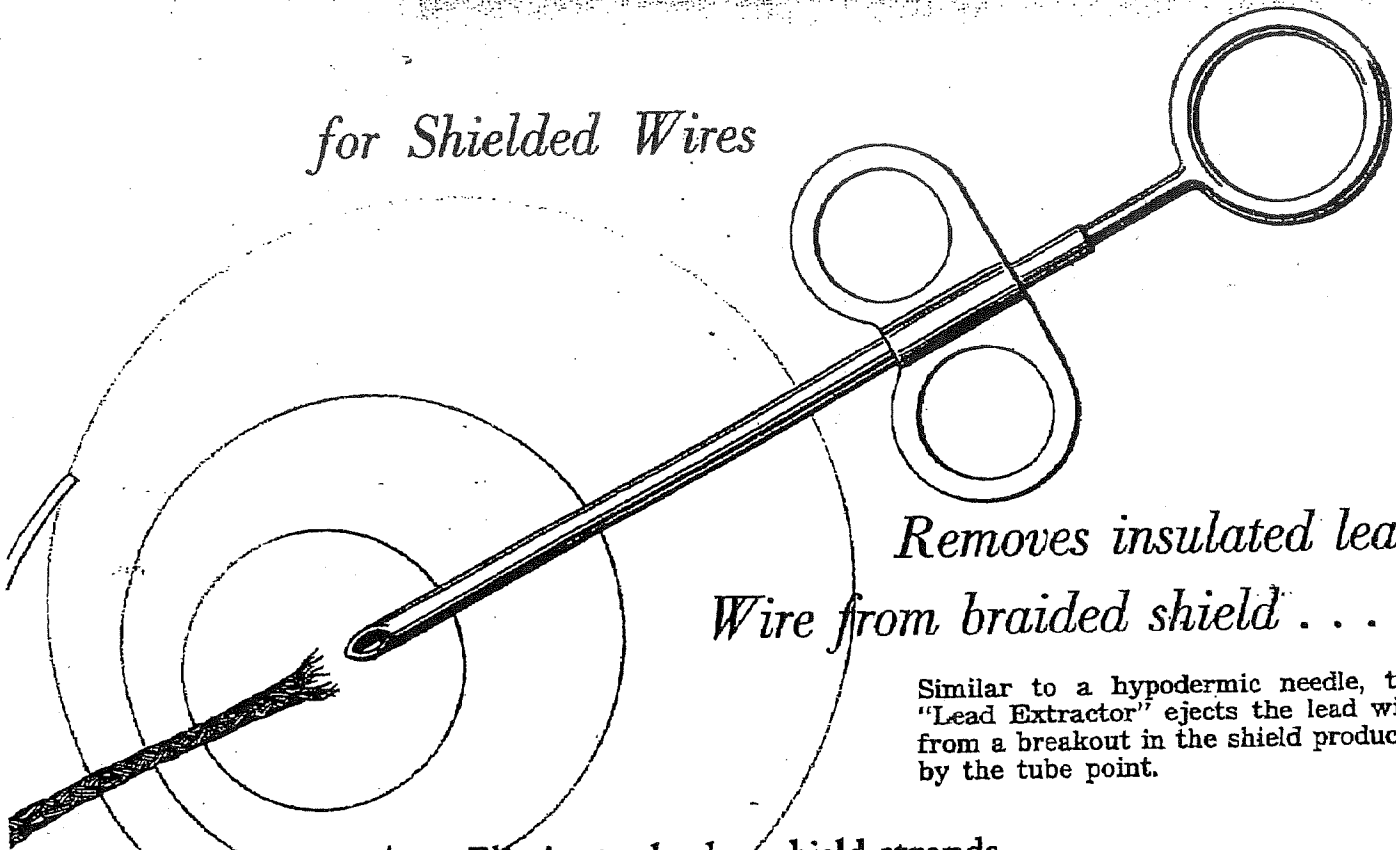


LEAD EXTRACTOR . . .

for Shielded Wires



*Removes insulated lead
Wire from braided shield . . .*

Similar to a hypodermic needle, the "Lead Extractor" ejects the lead wire from a breakout in the shield produced by the tube point.

- ★ Eliminates broken shield strands
- ★ Production increases to 800%
- ★ Color coded for quick identification
- ★ Leaves braid intact for easy, neat soldering
- ★ 5 sizes will process most shielded wires from 30 AWG to 14 AWG
- ★ Shipped in individual boxes with instructions

ORDERING INFORMATION

81-1-45 - for lead wires up to .045" O. D.

81-1-60 - for lead wires up to .060" O. D.

81-1-80 - for lead wires up to .080" O. D.

81-1-100 - for lead wires up to .100" O. D.

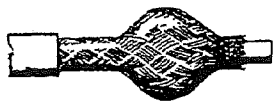
81-1-130 - for lead wires up to .130" O. D.

NO FACTORY SHIPMENTS OF LESS THAN 5 UNITS

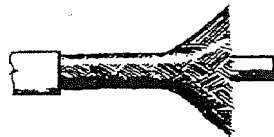
Suggestions on how to use a Technical Engineering Devices Inc. **LEAD EXTRACTOR**



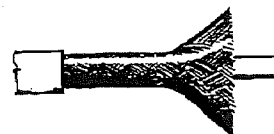
1. Strip off the outer jacket, exposing the braided shielding to the desired length.



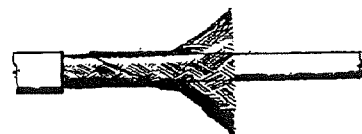
2. Holding the end of the jacket and a portion of the exposed braided shielding in the left hand (thumb, 1st & 2nd fingers) press the free end of the shielding with the right hand (thumb, 1st & 2nd fingers) in a rolling motion, back along the inner insulation, to form a "bulge"



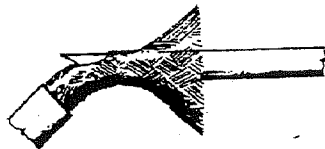
3. Holding the wire in the left hand, roll the "bulge" between the thumb and forefinger toward the free end; this will depress the "bulge" and form in its place a "flare" at the end of the braided shielding.



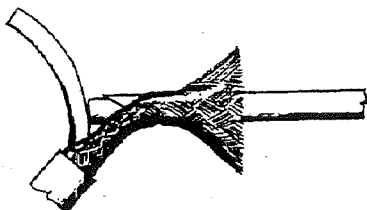
4. Retract the plunger of the Lead Extractor. (The size Lead Extractor should be selected so that the tube will pass outside the inner insulation of the wire, and beneath the braided shielding. See reverse for size selection.)



5. Work the Lead Extractor tube over the wire and underneath the braided shielding to the point at which it is desired to "break out"



6. Holding the braiding firmly on the tube, using the thumb and forefinger of the left hand, bend the wire down with the palm of the left hand; now with the right hand, work the Lead Extractor tube partially through the shielding at the "break out" point. Do not push the tube too far or you may damage the insulation.



7. Still holding the braiding firmly on the tube with the thumb and forefinger of the left hand, now press the plunger "home" in the Lead Extractor. It will force the insulated conductor out through the braided shield at "break out" point. Remove the Lead Extractor, straighten the now exposed wire and the empty braided shield to suit.