

#81527 SOLDERING PLIER

Helpful Hints

This American Beauty Soldering Plier is designed for the rapid heating of metal parts, castings, wire splices and other similarly-sized workpieces that require fast, efficient soldering. As with all resistance soldering handpieces, heat is generated local to the workpiece and is present for only so long as power is supplied to the handpiece.

Electrode jaws open 3/16", but the Soldering Plier may be modified to open wider so that larger workpieces may be held:

Use a pair of needle-nose pliers to release the catch in the middle of the Soldering Plier. If you want the Soldering Plier to permanently open wide, bend the catch completely out of the way. Otherwise, re-engage the catch when you have completed soldering large items.

Only light pressure between the carbon electrodes and the workpiece is necessary in order to provide the electrical path required to generate heat. The resistance of the specially-formulated carbon electrodes is such that high-temperature solders may be used when required. The tool is ruggedly built of high-grade materials and works best when the set screws that secure the electrodes are checked periodically for tightness.

The carbon electrodes may be shaped with a file so that difficult-to-hold parts may be securely held. Extra electrodes (item #81559) are available from Micro-Mark to replace those that come with the Soldering Plier. Keep electrodes clean and free from burnt flux and solder residue by dressing them with emery cloth or a fine file. Replace electrodes that have become too short or badly burnt (seat electrodes so that the inside end is just past the second clamping screw and the connector straps are fully down).

This Soldering Plier may be used with either the 100 watt or the 250 watt power supplies available through Micro-Mark.

Micro-Mark®

340 Snyder Avenue, Berkeley Heights, NJ 07922

www.micromark.com • Tech Support: 908-464-1094, weekdays, 1pm to 5pm ET • MMTechService@micromark.com