

Additional Information for **COPPER STRAIGHTENER & REROUNDER (CSR)**

The use of this tool can save you time and material in a very short time, to more than cover the cost of the tool. The Tube Rounder has been engineered and built for rugged use. It's all steel with ductile iron jaws construction will last for years under normal use. **90-DAY SATISFACTION GUARANTEED OR FULL REFUND.**

The **CSR-2 Tube Rounder** is supplied with an insert set to allow rounding of 1-1/2 and 2 inch K-Copper. These two popular sizes of copper are a problem in the field, due to out-of-roundness, difficulty of fit-ups and handling. The **CSR-2** Tube Rounder solves these kinds of problems.

INSTRUCTIONS FOR USE:

The **CSR-2 Tube Rounder** has been engineered for simplicity, and successful use of the tool is almost self-explanatory. However, there is one precaution which must be understood by the user. The tool develops the force necessary to round the tubing thru an adjustable knuckle action toggle. The adjustment is provided by means of a setscrew at the base of one of the handles. The setscrew should be tightened to require approximately 40 pounds of force to close the handles with a tube in the jaws. Over tightening the adjusting screw can cause improper rounding or may damage the tool. Your Tube Rounder has been adjusted at the factory to properly round 1-1/2 inch K-Copper tubing.

When using your Tube Rounder, care should be taken to insure that the tubing to be rounded extends at least half way through the jaws. The tool works best when the jaws are fully engaged over the tubing to be rounded.

To convert your **CSR-2 Tube Rounder** for 2 inch K-Copper, remove the two allen head screws near the center of the jaws and pop out the 1-1/2 inch inserts. Slight adjustment may be required as described above. If rounding is required some distance from the end of the tube, it is not necessary to thread the tool over the end of the tube. Remove the hinge pin in the upper jaw and swing the jaws open. With the handles open, place the Tube Rounder over the area to be rounded and re-insert the hinge pin, being careful to engage the jaw-aligning tooth. The hinge pin will not go in unless the aligning tooth is engaged.

All moving parts of your **CSR-2 Tube Rounder** have been lubricated at the factory; however, periodic lubrication and maintenance is required, as would be for any fine hand tool.

We wish you many years of satisfactory use with your **CSR-2 Tube Rounder**.