



Able Electropolishing Co.
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#1042 Brite Deburring/Brite Microfinishing

Industry: Machinery - Manufacturers of spraying equipment

Mfg/Method: Machining

Alloy: Brass

Problem: After machining, the customer had found that a burr was produced up around the edge of the outlet hole (see close-up photo of critical area). This caused the spray to come out in an erratic fashion. The problem persisted after trying other methods of deburring and machining techniques.



Before



Critical Area

Solution: After machining, the part was electropolished with a minimum stock removal to clean up the orifice. The part now has a controlled, constant stream.

Note to engineer: *Although electropolishing is often used as a deburring process, results are best obtained on “micro-burrs”. Though there is no universally accepted definition of a micro-burr, experience has shown that each part needs to be evaluated on its own. If you have a difficult burr condition, we are well-equipped with measuring and high quality microscopes to help analyze the effects of electropolishing. Please contact our technical staff for ideas.*



After