



Able Electropolishing Co.
2001 S Kilbourn Ave
Chicago IL 60623
Phone: 773-277-1600

#1051 Brite Deburring

Industry: Automotive-Manufacturers of automotive components

Mfg/Method: Stamping

Alloy: 110 Copper

Problem: The part is molded into plastic, and comes in contact with other plastic parts. During assembly, it was found that the edges of the fingers were causing slivers to be cut off the plastic parts it mates to, causing problems in assembly of the finished product. The customer could not vibra-finish the part due to the fragile nature of the fingers.



Solution: Electropolishing removed the burrs, and in the process made the part's surface smoother, easing assembly. This was achieved without incurring any damage to the fragile fingers.

Note to engineer: *Electropolishing is a non-mechanical process, and does not rely on pressure, temperature or friction to remove burrs. As a result, parts that are fully annealed or hardened can be processed without adverse change to part function. It is important to note that burr removal is limited to small grinding, lapping and fine blanking burrs. We recommend tooling be sharpened regularly to avoid burr growth beyond electropolishing capabilities.*