



Able Electropolishing Co.
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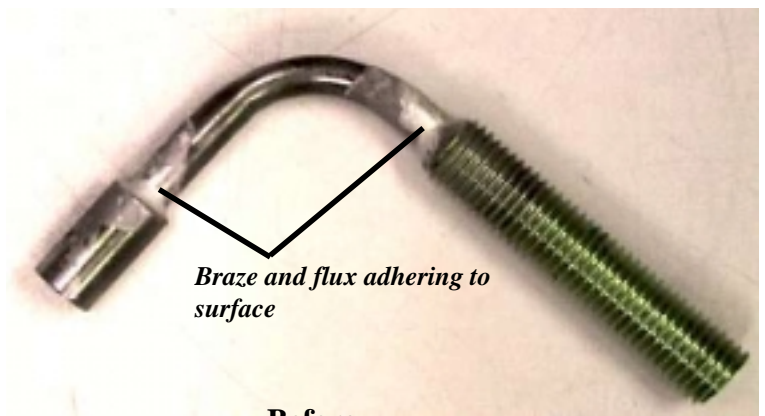
#1006 - Brite Ultraclean and Micro-Inch Finish

Industry: Electronics/Telecom - Manufacturers of fiber optic equipment

Mfg/Method: Machined, Brazed assembly

Alloy: 303 SS, 304 SS, and free machining brass

Problem: The shaft assembly is comprised of dissimilar metals that are silver brazed. The splatter and residue from brazing created some expensive secondary operations to produce a smoother finish and a clean surface. The part was tumbled to obtain a smooth finish, but tumbling alone could not remove the excess silver braze from the part.



Before

Solution: Electropolishing removed the excess silver braze, while smoothing and cleaning the surfaces of all three dissimilar metals. After electropolishing, the parts are free of oxides and other contaminants. Metal removal was controlled so that the threaded areas were not adversely altered.

Note to engineer: Assemblies, especially those with dissimilar metals are particularly tricky. If the assembly is of particular importance or of higher volume, we can assist in providing design or fabrication tips to lower costs or improve quality. Please call for assistance.

