



Able Electropolishing Co., Inc.
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#1066 Brite Ultracleaning/ Brite Passivation

Industry: Other - Manufacturers of optical equipment for military use.

Mfg/Method: Forming

Alloy: 304 Stainless Steel

Problem: This formed bracket is used in a military optical application. The part after forming was dull and under closer inspection showed evidence of imbedded contaminants normal for this type of fabrication.

Solution: Electropolishing removed the outer layer of surface metal containing the contaminants. Corrosion resistance was enhanced by enriching the chromium oxide layer on the surface of the material. The parts were left chemically clean and ready for final assembly.



Before



After