

AnoPolish

Electropolishing Technology For A Wide Range Of Stainless Steels

AnoPolish is Anoplate's proprietary electropolishing process for a variety of stainless steels, Invar, and Kovar. Electropolishing, as its name implies, refers to chemical polishing of various metals in an acid solution using electricity. The process works by electro-chemically removing high spots on the part, but on a micro-level.

AnoPolish typically results in a two-fold decrease in surface finish of the part.



AnoPolish used on medically-invasive surgical instruments and bone plates to improve corrosion performance and sterilization ability.



AnoPolish can micro-deburr an edge (left), leaving the edge nice and smooth (right). By itself, **AnoPolish** is not a deburring process.

SPECIFICATIONS

- ❖ AMS 2700
- ❖ ASTM A 967
- ❖ ASTM A 380
- ❖ ASTM F 1089

KEY ADVANTAGES

- ❖ Improves lubricity through smoother surface finish
- ❖ Improves corrosion resistance
- ❖ Removes micro-burrs
- ❖ Offers excellent reflectance and sheen
- ❖ Removes impurities inherent in the machining/ bending/ welding process
- ❖ Relieves stresses in the part imparted by cold-working of machining
- ❖ Can be used to right-size parts that are over-tolerance
- ❖ Improves the sterilization-ability for invasive surgical instruments

APPLICATIONS

- ❖ Medical Implants & devices
- ❖ Food processing & handling eq.
- ❖ Pharmaceutical/ laboratory eq.
- ❖ Gears & spines