

# AnoPolish

## Electropolishing technology for a wide range of stainless steel medical applications

Electropolishing, as its name implies, refers to chemical polishing of various metals in an acid solution using electricity. Anoplate's **AnoPolish** process has been custom-engineered to provide maximum corrosion resistance of stainless steel components for medical applications.

**AnoPolish** has been proven to reduce to propensity for microbial growth on the surface of surgical implants after proper sterilization.

**AnoPolish** does not increase surface dimensions and there are no adhesion concerns that are a concern with electroplated coatings. **AnoPolish** has been shown time and time again to exceed the requirements of ASTM F 1089 – Standard Test Method for Corrosion of Surgical Instruments.



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

### SPECIFICATIONS

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

### KEY ADVANTAGES

- ❖ Improves 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

### KEY CONSIDERATIONS

AnoPolish typically results in a two-fold decrease in surface finish of the part. The **AnoPolish** can be tailored to fit specific dimensional or surface finish requirements.