

## Tin – Zinc Solution

This new development is a mixture of 70% tin and 30% zinc. This electrolyte is a more environmentally friendly alternative to cadmium. It is 2-3 times more effective than cadmium and up to ten times better than zinc. Tin-zinc can also serve as a primer for gold when plating gold on iron and steel parts. Tin-zinc becomes slightly dull, but can be polished to a shine. For this purpose we recommend our hand polishes!

### **Tin-Zinc has the following main advantages:**

- excellent alternative to the highly toxic cadmium
- very good corrosion resistance
- excellent solderability
- very ductile

### **Application:**

Positive cable with handle and electrode and pad as positive terminal  
negative cable with crocodile clip fixed to workpiece and connection in negative pole

stainless steel anode or graphite electrode and cotton pad

Voltage: from 4 volts

No hazardous material, irritant

Wear protective gloves, goggles

Use at min. room temperature

Can be used liquid or thickened - thickening with our gel former possible

Polish surface to gloss by hand or machine

Degrease surface with electrocleaner, acetone or similar.

Then apply the tin-zinc by means of anode pad with light circular movements on the surface until a rich layer is formed.

No drying phase or similar necessary.

Rinse with water and polish to shine with a soft cloth and our care product!