

# Tin-Nickel

## SLOTOLLOY NIT 10

The fluoride-containing Tin-Nickel SLOTOLLOY NIT 10 deposits brightness-retaining alloy-coatings composed of approx. 65 % by weight tin and 35 % by weight nickel. The process is used to coat copper, brass, nickel etc.. Tin-Nickel SLOTOLLOY NIT 10 operates over a wide current density range of approx. 0.1 to 2.0 A/dm<sup>2</sup>. The same make-up is suitable for both rack and barrel plating. The electro deposited alloy is very resistant to corrosion and tarnishing. Over the entire current density range and the temperature maintained within the specified operating parameters the colour is similar to the one of stainless steel.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

### Important:

Please read this instruction carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).

The current IMDS number of the layer deposited from the process is available on the internet at [www.schloetter.com/downloads](http://www.schloetter.com/downloads).

For the storage of chemical products the TRGS 510 must be followed.

**If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.**

