



Etching pens



Description:

The metal etching pens from GIMA are the optimum solution for the permanent marking of metal. The following materials can be easily and cost-effectively marked: Cast iron, tool-steel, high-alloy steels (e.g. 1.4301, 1.4404), carbides, aluminium, zinc, tin, copper and bronze.

The marking is oil and cleaning-resistant.

Application areas:

Toolmaking, machine construction, model building etc.

Application:

- Thoroughly clean surface (abrasive block, abrasive pad)
- Remove oxide film, oil and grease
- Label
- Clean and neutralise with **NEUTRALIX NG01**
- Lightly grease for corrosion protection of low-alloy steels

Pens available:

- **KBS 5003:** (black cap) Etching pen for low-alloy steels and cast iron
- **KBS 5004:** (red cap) Etching pen for tool-steel, heat-resistant up to 650°C
- **KBS 5005:** (blue cap) Etching pen for raw aluminium, copper, brass, bronze, zinc and tin
- **KBS 5006:** (white cap) Etching pen for carbides

NEUTRALIX:

- Neutralising solution in 100 ml spray bottle

Pickling paste:

- **KBS 2002:** For derusting workpieces previous to marking