

# Lasermarking in the tool producing industry

## Markieren of milling and special tools

### Case Studies

# berger

## ■ Berger

Company Berger, situated near Salzburg, Austria, is an innovative and competent partner regarding tool supply. Berger takes care of setting up the best and individualized tool assortment for their customers. If required, existing tools can be modified and special tools produced. At Berger, the customer gets all tools from one source and consequently profits from an ideally harmonized tool set that stands for productivity, accuracy and safety.

## ■ The application

The complete service for the customer includes also the marking of the ordered tools with either product information or traceability data. Furthermore, company Berger takes care of individualizing tools by applying company logos etc.



## ■ The challenge

As company Berger realizes so many different marking applications, the marking system must be highly flexible. It is required to mark small as well as large work pieces, single copies as well as small series. It has to be easy to operate and must work fast. The realized markings have to be mechanically, thermally and chemically resistant, as the marked tools are often used in harsh environments also.



## ■ The Trotec solution

Equipped with the Trotec FineMarker, company Berger is ideally set for all marking requirements. On its large working area of 720 mm x 430 mm, the flatbed laser system with Nd:YVO<sub>4</sub> laser source marks large and small work pieces at high speed. Thanks to the very small beam diameter the FineMarker realizes even precise 1-point fonts. Marking with the Trotec FineMarker is a contact-free operation—the sometimes very expensive tools remain perfectly intact. The FineMarker realizes markings on all sorts of metals as well as on many other materials. The laser can be easily and intuitively operated by the Trotec software JobControl. With the FineMarker, company Berger can live up to their customers' high quality standards in all marking matters.

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