



LASER MARKING & ENGRAVING

 **MICROWELD**[®]

LASER WELDING & MARKING



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Microweld[°] also specialises in laser marking and engraving, and our technological expertise enables us to offer you top quality and precise results whatever your specific field of application.

TYPE OF OPERATIONS

- CAD work on logos
- traceability and product identification: part numbers, data matrix, bar codes, etc.
- incremental marking
- laser marking on medical components: surgical implants, medical instruments, drills, etc.
- imprinted advertising: logos, brand names, etc.
- marking electronic cards
- engraved casts for punching tools and injections
- miscellaneous customisation
- micro-cutting

MATERIALS

- all types of metal supports: steel, stainless steel, titanium, anodised aluminium, copper, nickel, etc.
- polymers: peek, Radel[®], polyoxymethylene, silicone, etc.
- ceramic
- surface treatment parts

OUR MASTERY OF TECHNOLOGY:

- **Marking by removal of TiN coating**
- **Qualified marking on stainless steel, resistant to passivation**

SHAPES

All shapes, including round and cylindrical parts

QUANTITIES

From single parts to mass production series

ADVANTAGES

- high precision
- engraving depth > 1mm
- indelible
- high legibility

Our vision software and surface inspection systems give us total control over code legibility and content: matrix data, bar codes, etc.

APPLICATIONS

- aeronautics
- automotive
- cosmetics
- electronics
- eye wear
- ironwork
- mechanics
- medical field
- object communication
- signalling and identification systems
- tooling
- valves and fittings
- watch-making

