

ETCHING

Femtosecond technology enables **precision etching** with rapid machining (mm³/s) and surface roughness below one μm without **damaging** the 2D and 3D material. It is crucial for precision industries.



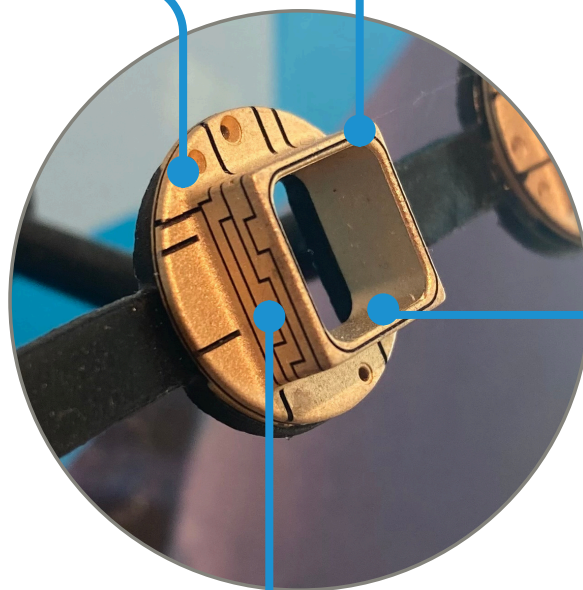
Did you know ?

The femtosecond laser allows for engraving with **thermal control** and material health preservation for the creation of **microchannels, tribology, sealing, or aesthetics**.

Interconnection circuit

HEF PVD gold coating

Coating :
silver,
titanium,
aluminium,
chrome,
carbide...



3D interconnection circuit

Benefits

No alteration
Extreme precision

By ablating the different layers of material, the laser can be used to create 3D interconnection circuits.

Microchannel etching

Business sectors :

Energy



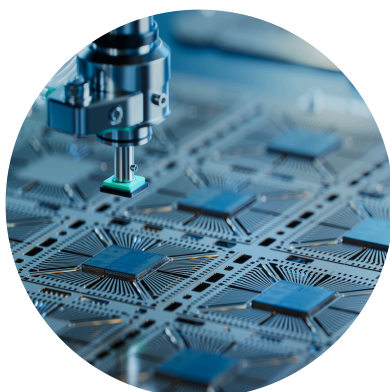
Aeronautics



Optics



Electronics



Medical



Consumer Goods



Our other applications :

- Surface texturing
- Cutting
- Selective ablation of thin layers

