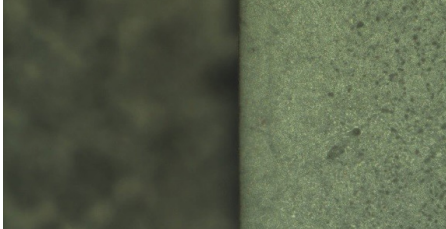


INDUSTRIAL MICROMACHINING APPLICATIONS

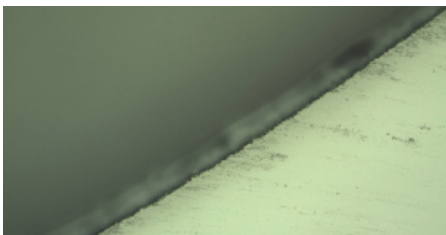


CIGS SELECTIVE ABLATION

- / Clean & selective removal
- / Micron diameter

APPLICATIONS

- / Renewable energies
- / Solar panel



GLASS CUTTING & DRILLING

- / Various holes diameter
- / No recast or HAZ
- / No cracks or chips
- / Tapper angle < 4 deg.
- / Clea, sharp edges

APPLICATIONS

- / Consumer electronics
- / Microfluidics

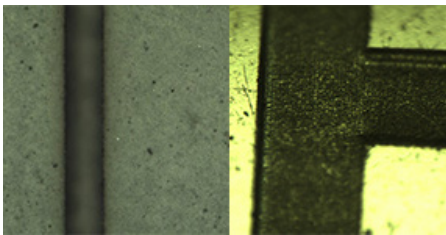


METAL SURFACE STRUCTURING

- / Refractive index changing
- / Colorful grating

APPLICATIONS

- / Consumer electronics
- / Luxury



SELECTIVE METAL ABLATION

- / Different layers of metal ablation
- / Different thickness
- / Micron accuracy

APPLICATIONS

- / Industrial needs

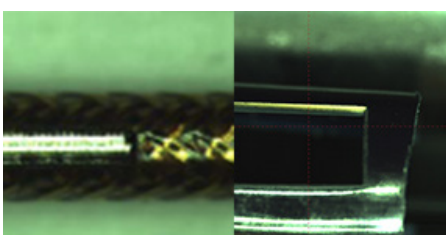


ITO PATTERNING

- / Micron size diameter
- / No burrs
- / 100% hole to the reproducibility

APPLICATIONS

- / Semiconductor industry
- / Consumer electronics

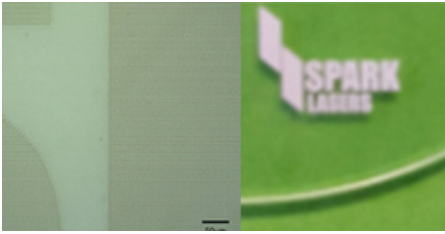


IMPLANTABLE MEDICAL DEVICES

- / No meeting, no HAZ
- / No debris
- / Clean straight cut
- / Micron precision
- / Selective coating removal

APPLICATIONS

- / Stent cutting
- / Drug delivery tube slot cutting
- / Coated Pebax catheter cutting

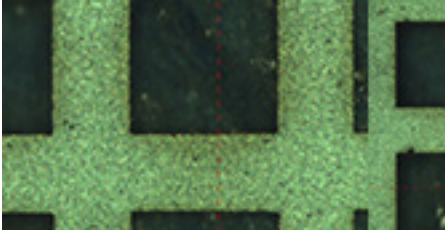


GLASS & SAPPHIRE PROCESSING

- / Inner glass white marking
- / Inner sapphire marking
- / No crack or chips
- / Clean surface rendering

APPLICATIONS

- / Consumer electronics
- / Luxury (anti-counterfeiting)

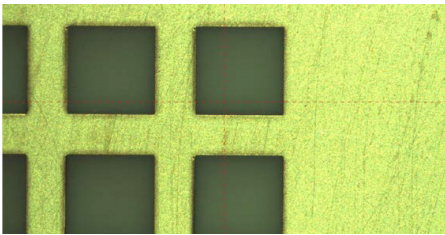


NITINOL MATRIX PATTERNING

- / No burrs, no recasts
- / Sharp edges
- / No discoloration
- / Micron accuracy

APPLICATIONS

- / Consumer electronics



GOLD COATED ALUMINA MATRIX PROCESSING

- / Clean, straight edges
- / No debris, no cracks
- / No HAZ
- / Intact Alumina substrate
- / Micron accuracy

APPLICATIONS

- / Consumer electronics

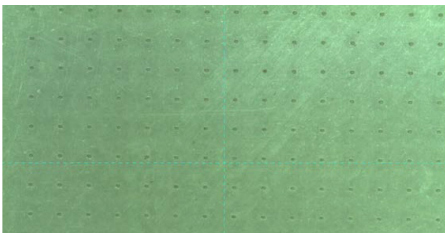


GLASS BULK PROCESSING

- / Refractive index volume changing
- / Birefringent inner glass gratings
- / No influence on substrate strength

APPLICATIONS

- / Consumer electronics
- / Luxury



DRILLING OF LOW DENSITY POLYETHYLENE COATED WITH EVA

- / Clean, straight holes
- / Minimal taper (<4 deg.)
- / No debris
- / < 30 -µm hole diameter
- / Micron accuracy

APPLICATIONS

- / Consumer electronics

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