



LASER EQUIPMENT & TECHNOLOGY

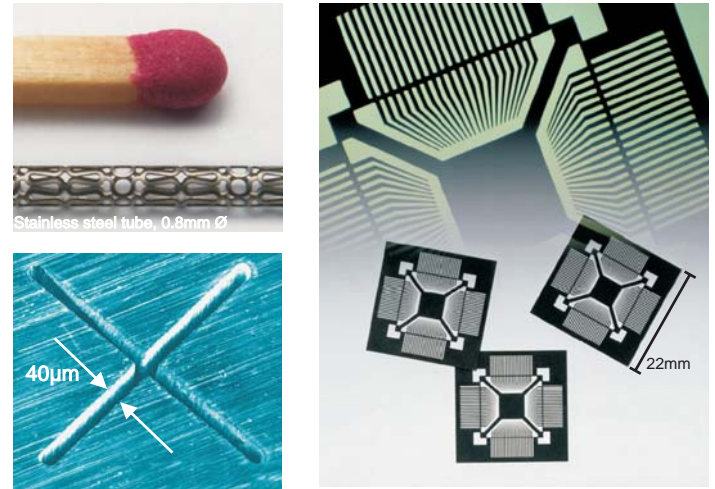
Laser Marking

All graphics, text, serie number, barcode can be directly marked on all kind of materials like metals, plastics, ceramic, glass, wood, leather, textile... with high contrast, abrasion-resistant, flexible and environmental friendly.

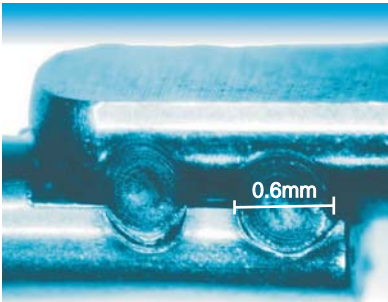


Laser Cutting

Solid state lasers are specially suitable for fine cutting due to their beam quality and short wavelength. This allows thin cut widths of down to 10 µm with a very small heat affected zone.



Laser Welding



Application Ranges

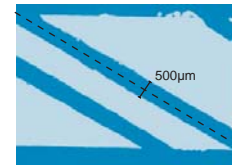
- * High grade steel
- * Nonferrous metal
- * High grade metal
- * Tantalum
- * Nickel/Beryllium
- * Aluminium
- * Titanium

Spot welding - with a single pulse



Seam welding
a) by overlapping multiple laser pulses
b) by using an optimized pulse form

Laser Drilling

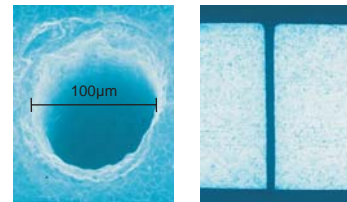


30° angled drill hole

Depending on material and method, laser can be used for hole diameters from 20 - 800µm. Diameter/hole depth ratio can be as much as 1:80.

Application Ranges

- * High temperature resistant alloys
- * Tungsten
- * Molybdenum
- * High alloyed steels
- * Ceramic materials



Laser Marking Service

All kind of graphics, logo, text, serial number, barcode can be marked on all kind of metal like gold, silver, titanium, galvanized chrom, bronze, aluminium, stainless steel, synthesis platics...

- * Direct marking on parts
- * Marking on jewelry, gift, pens, watch...
- * Name plate and laser label
- * Day/Night on control panel
- * Deep engraving on mold.

For more information, please visit: lasermarking.com.vn



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