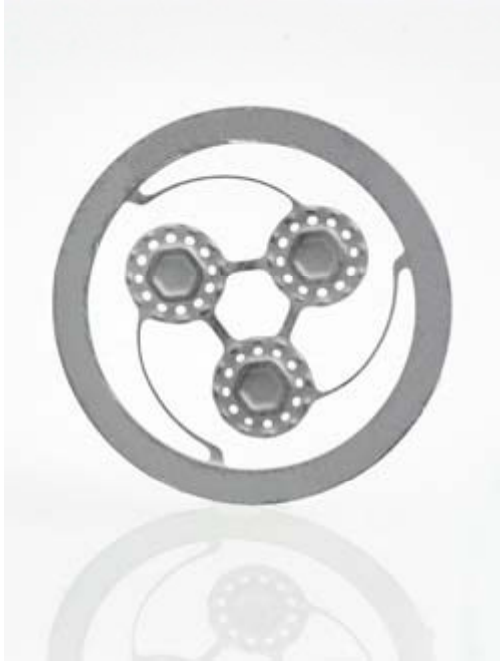




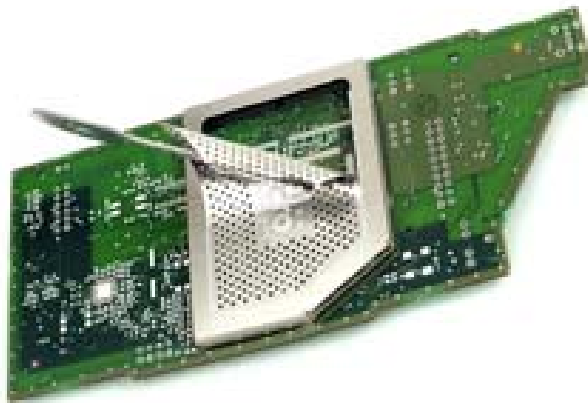
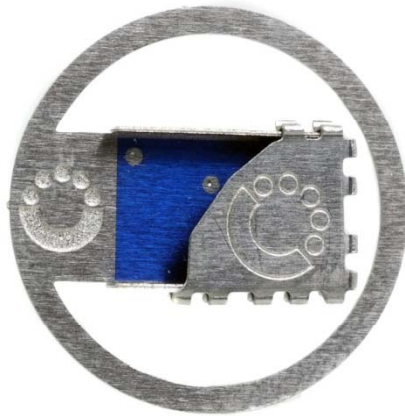
Precision Parts Made by Photochemical Machining

Anthony Marrett
PrecisionMicro Ltd,
11 Vantage Way, Erdington,
Birmingham B24 9GZ, UK



Springs and contacts

High volume automotive product showing very accurate differential etching patterns on both sides giving an almost 3D effect, tight linear tolerance and SPC measurement control using non-contact QV measuring machines. Material is 0.60 mm thick 7C27MO2 Stainless Steel

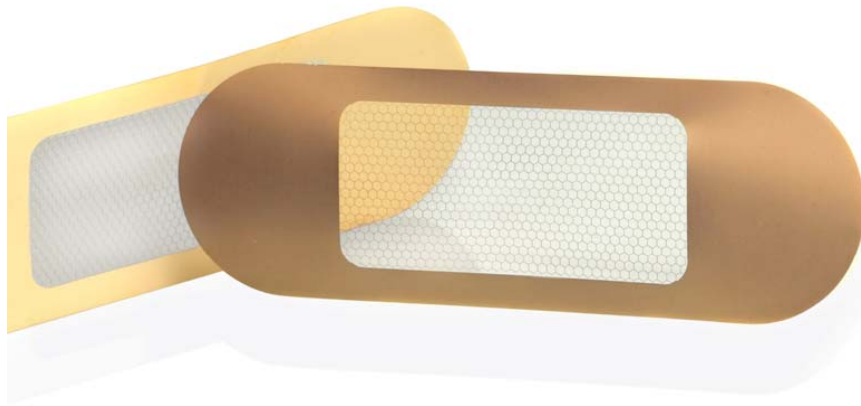
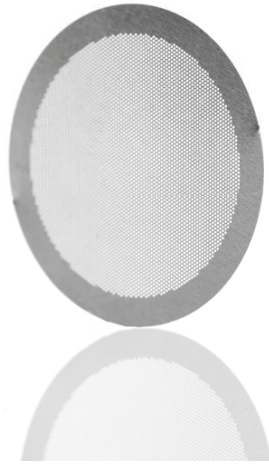


RFI Shielding

RFI shielding can, showing half-etched bend lines being used to form can and hard formed fixings on cut-away lid section.

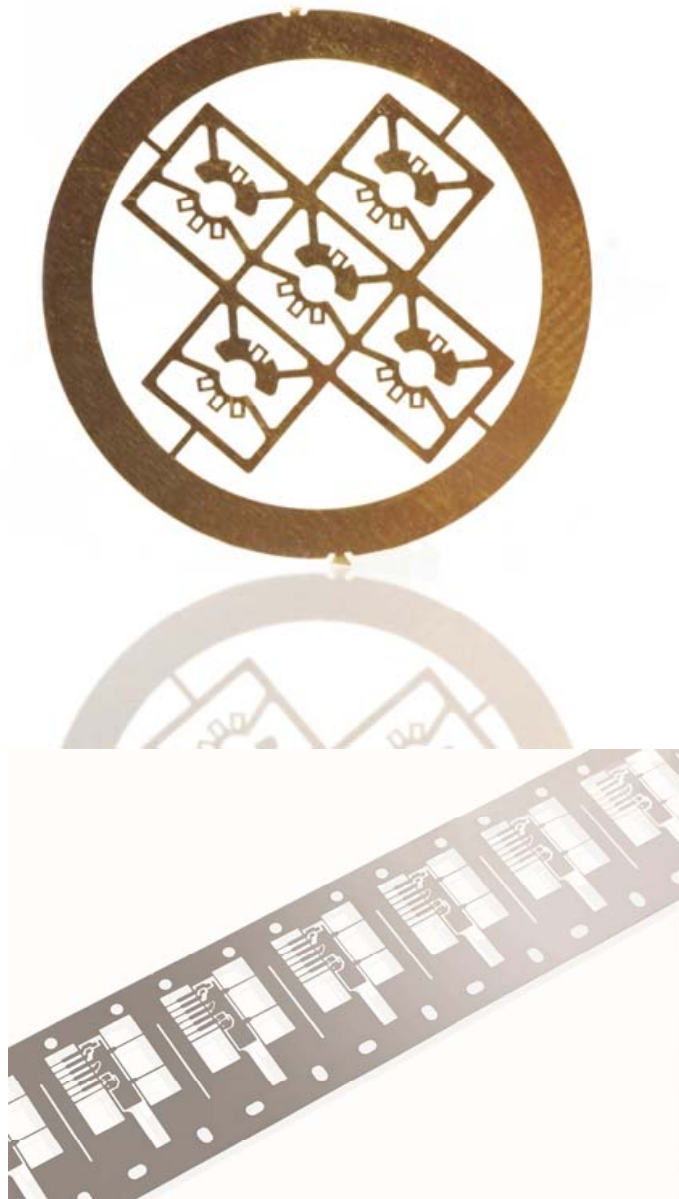
Also shown is the Micro-Safe insulation layer photographically applied after etching to Customer's specifications.

Material is 0.25 mm thick NS106 Nickel Silver.



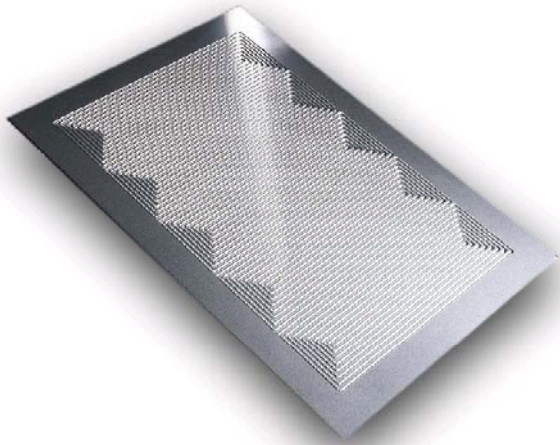
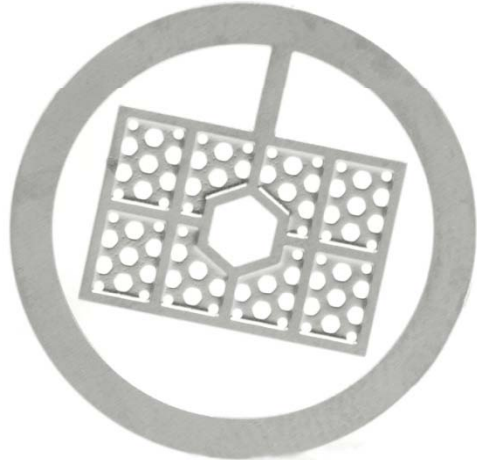
Meshes and filters

Fine etched mesh for filtration or medical applications. On production parts we can etch repeatable holes at the rate of 30 holes per square millimetre, coupled with a solid border and location holes if required. Material is 0.050 mm thick 304S15 Stainless Steel.



Lead frames

Miniaturised medical switch contact lead frame, etched to a tolerance of plus or minus ten microns and Gold plated to finite tolerances. Material is 302S25 hard rolled stress relieved and levelled Stainless Steel



Fuel Cells

Fuel cell type applications showing etched recesses as well as etched-through hexagonal holes, which are etched at the same time, saving time in processing and reducing costs. Material is 0.25 mm thick 316S11 Stainless Steel.