

**Mimotec (Switzerland)**

Electroforming of finely featured micro components in nickel and gold, with up to three layers. Gears, clips, flat springs, micro-molds, MEMS probes, etc.

Production Quantities: Hundreds and up

Mimotec also offers CLR-LIGA, a unique anti-counterfeiting solution for injection molded plastic items, such as pharma and device packaging.

RepExact refers customers to domestic and European manufacturers of precision components, palm-of-hand size and smaller. Other available technologies include:

- Prototype Milling
- Prototyping and Manufacturing of precision springs, stampings, wire forms
- Laser micro machining of flat and tubular stock, including polymers and ceramics
- Centerless grinding of rod and wire
- Volume Swiss machining and milling, including implants and instrument components
- Injection molding, incl. micro, multi-cavity, insert-/overmolding, gears, optical, in vitro, etc.
- Precision metal and ceramic injection molding (MIM/CIM)
- Micro wire and sinker/plunge EDM
- Small tube bending and forming
- Swiss micro machining of wire stock down to 0.2 mm (8 thous) for pins, probes, screws, etc.
- Chemical etching and milling
- CNC precision grinding of burs, rasps, reamers, bits, etc.
- Microstructures in or on glass, including bonded layers with vias for in-vitro
- Machining and bonding of plastic manifolds
- Manufacturing of low volume nano and micro sized optical, MEMS, and electronics components
- Precision machining of polymers, including implantables. 100% dry machining available
- Machining, lapping, polishing of sapphire, ruby, ceramics, and other hard materials
- Carbon fiber (CFRP) parts
- Grinding of hypo needles and cannulas
- Coating and plating of metals and plastics, including RF shielding and radiopaque applications