

A black and white photograph showing a micro wire-sinking erosion process. A thin, bright wire is suspended vertically, creating a fine spray of sparks as it erodes a metal workpiece. The workpiece is held in a fixture with two visible screws. The background is dark, emphasizing the bright sparks and the precision of the process.

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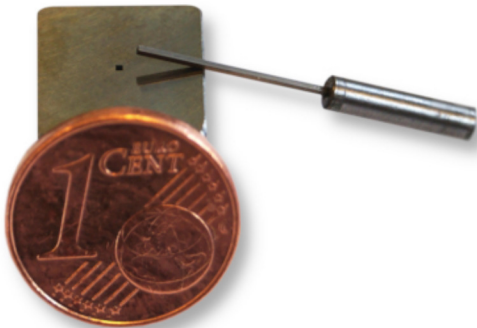
MICRO WIRE-SINKING EROSION
Production in highest precision

MICROEROSION

Newest developments in the areas of micro-erosion create undreamt perspectives and versatile possibilities in production of 3D shape inserts, micro-holes and miniature contours.

The variety of different applications such as micromechanics, micro-injection tools, micro-nozzles and spin jets, micro-optics, micro-electronics, micro-medicine and micro-drilling profit from the impressive scope of options that are offered by micro-erosion.

The process safety and consistent quality of different batch sizes is guaranteed.



Wire EDM

- Smallest inside corner radius 0,012
- Smallest wire diameter 0,02
- High surface quality until Ra of 0,07 μm
- Position accuracy $\pm 0,001$

Sinking EDM

- Smallest inside corner radius R 0,006
- Smallest drilling diameter 0,04
- High surface quality until Ra of 0,05 μm
- Position accuracy $\pm 0,001$

