

The conventional turning and grinding of small work pieces is inevitably reaching its production technology limits. This means that specified dimensions are no longer being met, resulting in shearing and cutting forces destroying the clamped parts.

»» **Eroding rotationally symmetrical parts** 'Erosive Turning'

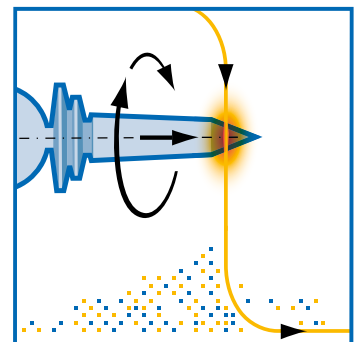
Our wire EDM machine with rotating and positioning spindle allows the benefits of wire EDM, without the lateral machining pressure, to be combined with the option of profile grinding or contour turning. This opens up completely new machining possibilities for rotationally symmetrical components:

- Machining of all conductive material, regardless of hardness
- Production of delicate turned parts
- Production of complex contours such as sharp-edged recesses, radii, bevels, grooves, etc.
- High dimensional and contour accuracy
- Repeatability
- High-quality surface finish

The new technology can be successfully applied in many areas, such as:

- Micro system technology (micro pushbuttons, shafts, pins)
- Medical technology (instruments for micro-cooperative intervention)
- Tool and mould making (ejector pins, electrodes)
- Aerospace technology

Together with the appropriate adjusting and clamping elements this enables work pieces with diameters of up to 20 mm and tolerances of < 0.005 mm to be manufactured.



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