



Grinding



Grinding



Eroding



Laser



Measuring

Application example

# Square Endmill $\varnothing$ 0,05 mm

Walter Maschinenbau GmbH



HELITRONIC MICRO

## Tool Data / Geometry Data

- Production
- Indexing Equal
- Tool Diameter 0.05 mm
- Number of Teeth 2
- Tool Length 40 mm
- Cutting Edge Length 0.15 mm

## Material

Carbide

## Cycle Time

- 4 min 50 s

## Production procedure

1. Probing Length
2. Grinding Gash Endface
3. Grinding 1. Clearance OD
4. Grinding 1. Clearance Endface
5. Grinding 2. Clearance Endface
6. Grinding Flute

## Equipment

- Clamping  $\mu$ -Grind
- Shank Steady Rest

## Software

- HELITRONIC TOOL STUDIO 3.2

The results respectively the properties mentioned above are among other depending on following factors: type of grinding oil, type of grinding wheel, type of the blank material, type and condition of the grinding machine and software.



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Pictures of the application example

