

Probe  
**Z-Pico**

$\frac{1}{10} \mu$

Probe for tool measurement  
and breakage detection  
in microfinishing

BLUM CE  
P83.0175-048-A1  
S-No.: 200807472  
Made in Germany

highest measuring accuracy

precise and wear-free

for micro-tools

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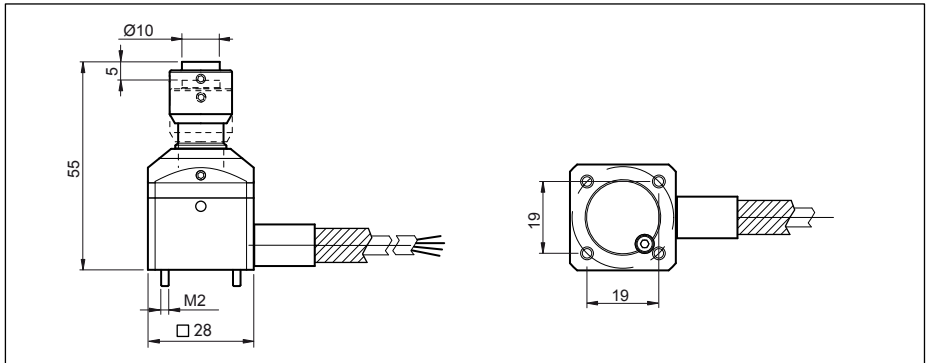
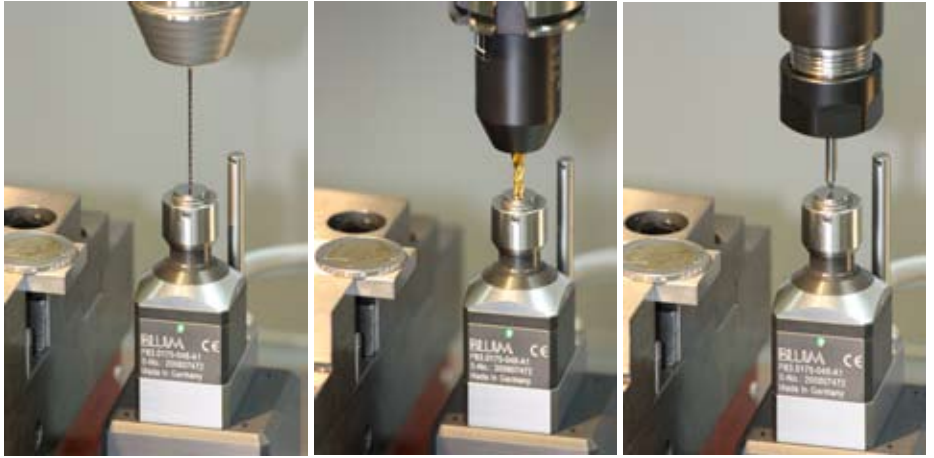
# Probe Z-Pico

## Applications:

- tool measurement
- tool control
- machine compensation

## Your advantage:

- compact and robust
- easy installation
- highest precision
- extremely wear-resistant



Due to the linear working principle the probe provides a minimal and torque-free measuring force. Even the most sensitive and smallest tool diameters can be measured.

## Options and accessories



chip protection



mounting system



nozzle incl. mounting system

## Technical data

Protection class	IP 67
Power supply	12-30 V / 100 mA
Outputs	12-30 V / 50 mA
Repeatability	1 µm 2σ
Minimum tool diameter	> 0,05 mm*
Measuring force	1,7 N
Maximum stroke	5 mm

\* depending on tool geometry and material, probing force must not result in tool damage

Subject to technical change without notice

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