



## Internal micrometer MicroGauge, Measuring range: 6,15-10,35 mm



### Order data

Order number	428670 6,15-10,35
GTIN	5051102239565
Item class	46B

### Description

#### Version:

2-point bore measuring system for high-precision measurement of bores between 0.95 – 10.35 mm. The compact format and low weight (no more than a ball-point pen) facilitates measurement of small precision components. Hard chrome plated spherical measurement contacts. Clear LCD display with switchable resolution down to 0.0005 mm. Data output via RS232 or USB proximity. Dust-tight and proof against jets of water (IP65).

#### Function:

IP65: Protected against jets of water from all directions and protected against penetration by dust (dust-tight), also completely protected against touching.

#### Supplied with:

With 1 battery No. 081560 357, setting rings with UKAS calibration certificates.

#### Optional extras:

Data cable No. 498948

#### Note:

Available as individual micrometers or as a set, depth stops available on request. Diatest probes can be connected using an additional adapter.

Calibration: Price on request

IP Index of Protection: IP 65

Measuring range of the micrometer head: 6.15 – 6.85; 6.65 – 7.35; 7.15 – 7.85; 7.65 – 8.35; 8.15 – 8.85; 8.65 – 9.35; 9.15 – 9.85; 9.65 – 10.35 mm

Selectable display: 0.01 / 0.001 / 0.0005 mm

Repeatability: 0.001 mm

Linearity:  $\varnothing$  1.0 – 1.55: maximum 2% of the measurement travel; at least 0.001/ $\varnothing$  1.5 – 6.35: maximum 1% of the measurement travel; at least 0.001 mm

Number of measuring heads: 8

Number of setting rings: 8

## Technical description

Measuring range	6.15 - 10.35 mm
Measuring range of the micrometer head	6.15 – 6.85; 6.65 – 7.35; 7.15 – 7.85; 7.65 – 8.35; 8.15 – 8.85; 8.65 – 9.35; 9.15 – 9.85; 9.65 – 10.35 mm
Number of measuring heads	8
Repeatability	0.001 mm
Linearity	$\varnothing$ 1.0 – 1.55: maximum 2% of the measurement travel; at least 0.001/ $\varnothing$ 1.5 – 6.35: maximum 1% of the measurement travel; at least 0.001 mm
Number of setting rings	8
Selectable display	0.01 / 0.001 / 0.0005 mm
IP Index of Protection	IP 65
Standard	DIN 863
Reversible reading	mm / inch
Interface	RS232C interface
Interface	USB interface
Measurement technology	digital
Packaging	sturdy box
Calibration	Price on request
Type of product	2-point internal micrometer