



MICROTECH

PRECISION TOOLS MANUFACTURING SINCE 1995

BORE GAUGE MICROTECH

Item No _____

Range _____ mm

Serial N° _____



ISO 17025:2005 (cert. N° 4K051)



Quality management system
ISO 9001:2015 (cert. N° U228396)

www.microtech.ua

MAIN SPECIFICATIONS

Item №	Range, mm	Resolution, mm	Depth*, mm	Max error, mm
131010100	6-10	0.01	45	±0.008
131018100	10-18	0.01	45	±0.008
131050100	18-50	0.01	135	±0.012
131160100	50-160	0.01	200	±0.015
131250100	160-250	0.01	200	±0.015
131450100	250-450	0.01	200	±0.022
131800100	400-800	0.01	250	±0.030
131900100	700-1000	0.01	400	±0.030

Operating conditions from +10 °C to +30 °C.

2 OPERATION INSTRUCTIONS

2.1 Clean oil from the measuring surfaces of bore gauge and indicator.

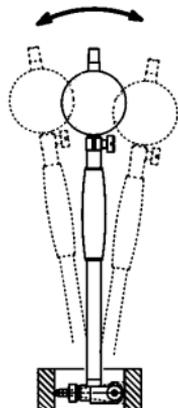
2.2 Attach bore gages body components to each other (if the body consists of two or more parts).

To avoid damaging the rods and threads DO NOT use excessive force when screwing body.

2.3 For the zero setting position make sure that the measurement line of bore gauge coincided with a diametrical cross-section of the setting ring.

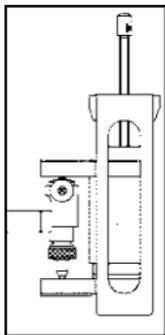
lightly shaking bore gages in the axial plane, determine the largest reading of indicator, which is the size of ring gauge. Combine the zero mark of the scale with an arrow by turning ring. Use a clamp to fixate a ring.

In order to increase the accuracy of setting up the



position of the bore gauge must be the same as in the measurement.

2.4 For the zero setting position by gauge blocks, the appropriate size block fix in a clamp between two outsides and enter between them bore gauge. Slightly shaking bore gauge in two mutually perpendicular directions, to determine the lowest reading device, which corresponds to the block size.



WARNING

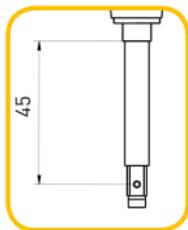
IMPORTANT!

Do not make sudden shock to the measuring rod, not put more effort in the case of jamming. Avoid contact with the indicator and oil emulsion. Do not turn indicator when it is fixed in the tool holder by a sleeve.

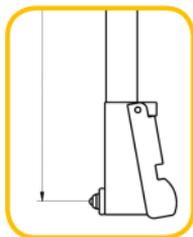
3 WARRANTY

MICROTECH guarantees within the warranty period of 12 months.

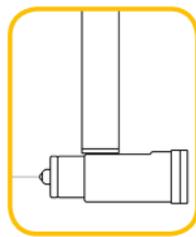
4 MODIFICATIONS



6-10 mm



10-18 mm
18-50 mm



over 50 mm