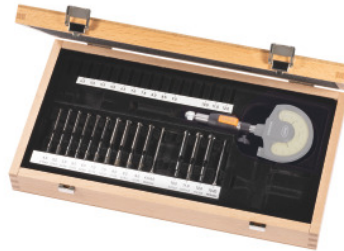




Precision bore gauge OSIMESS, Measuring range: 1,5-4,2mm



Order data

Order number	435010 1,5-4,2
GTIN	2050001039965
Item class	46D

Description

Version:

OSIMESS internal precision bore gauge for small bores from 1 mm. DLC-coated tips (from size 4.5-7.5). The tapered form of the gauging pin, under the measuring force of the precision bore gauge, expands the slotted probe. **Repetition accuracy 1 µm.** Probes of **carbide.**

Application:

Determination of deviation from nominal value and shape errors such as run-out or conicity.

Supplied with:

Probes, carbide gauging pins, standard holder (display unit and setting rings not included).

Optional extras:

Precision dial comparator No. 434674, inductive precision dial comparator No. 434670, dial indicator with anticlockwise scale No. 434807 size 10, digital dial indicator No. 434322, comparator stand No. 435020.

Note:

Versions up to 20 mm measurement range and for blind holes available on request.

Technical description

Repetition accuracy	1 µm
Measuring range	1.5 - 4.2 mm

Number of probe tips	10
Measurement depth	17 - 25 mm
Number of carbide gauging pins	2
effective application range	1.5 - 4.2 mm
Packaging	sturdy box
Calibration	Price on request
Type of product	Precision bore gauge

Accessories

Angle clamp for OSIMESS for nominal measuring range 0,95-20,6 mm	435014 0,95-20,6
Precision dial comparator \pm measuring range / reading 50/1 μm	434674 50/1
Comparator stand for OSIMESS Manufacturer's designation OSM5	435020 OSM5
Clamp with return key for nominal measuring range 0,95-20,6 mm	435013 0,95-20,6
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Inductive precision comparator Extramess Type 2001	434670 2001
Precision dial comparator \pm measuring range / reading 25/0,5 μm	434674 25/0,5
Precision dial comparator \pm measuring range / reading 250/10 μm	434674 250/10
Set of steel setting rings (dimensions as for probes) Measuring range 1,5-4,2 mm	435030 1,5-4,2
Probe for OSIMESS internal precision bore gauges Application range 1,50-1,90 mm	435015 1,50-1,90
Comparator stand for OSIMESS Manufacturer's designation OSM6	435020 OSM6
	435012 0,95-20,6

Clamp without return key for nominal measuring range
0,95-20,6 mm

Precision dial comparator \pm measuring range / reading
130/5 μm

434674 130/5

Digital dial indicator 0.0005 mm reading Measuring range
12,5 mm

434322 12,5