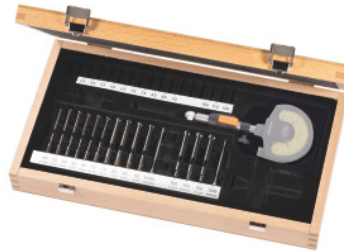




## Precision bore gauge OSIMESS, Measuring range: 4,5-12mm



### Order data

Order number	435010 4,5-12
GTIN	2050001047922
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.**

#### 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

Number of carbide gauging pins	2
Number of probe tips	13

effective application range	4.15 - 12.5 mm
Repetition accuracy	1 $\mu$ m
Measuring range	4.5 - 12 mm
Measurement depth	41 - 45 mm
Packaging	sturdy box
Calibration	Price on request
Type of product	Precision bore gauge

## Accessories

Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Probe for OSIMESS internal precision bore gauges Application range 7,20-7,80 mm	435015 7,20-7,80
Clamp with return key for nominal measuring range 0,95-20,6 mm	435013 0,95-20,6
Digital dial indicator 0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Precision dial comparator $\pm$ measuring range / reading 25/0,5 $\mu$ m	434674 25/0,5
Inductive precision comparator Extramess Type 2001	434670 2001
Clamp without return key for nominal measuring range 0,95-20,6 mm	435012 0,95-20,6
Set of steel setting rings (dimensions as for probes) Measuring range 4,5-12 mm	435030 4,5-12
Precision dial comparator $\pm$ measuring range / reading 50/1 $\mu$ m	434674 50/1
Angle clamp for OSIMESS for nominal measuring range 0,95-20,6 mm	435014 0,95-20,6
Comparator stand for OSIMESS Manufacturer's designation OSM6	435020 OSM6
	434674 130/5

Precision dial comparator  $\pm$  measuring range / reading  
130/5  $\mu\text{m}$

Comparator stand for OSIMESS Manufacturer's designation  
OSM5

435020 OSM5

Precision dial comparator  $\pm$  measuring range / reading  
250/10  $\mu\text{m}$

434674 250/10