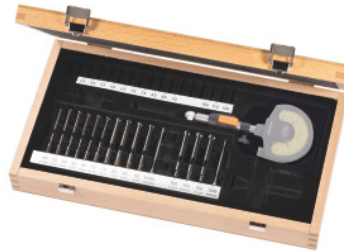




Precision bore gauge OSIMESS, Measuring range: 4,5-7,5mm



Order data

Order number	435010 4,5-7,5
GTIN	2050001047908
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	1
Repetition accuracy	1 µm

Measuring range	4.5 - 7.5 mm
Number of probe tips	7
effective application range	4.15 - 7.8 mm
Measurement depth	41 - 45 mm
Packaging	sturdy box
Calibration	Price on request
Type of product	Precision bore gauge

Accessories

Inductive precision comparator Extramess Type 2001	434670 2001
Comparator stand for OSIMESS Manufacturer's designation OSM6	435020 OSM6
Comparator stand for OSIMESS Manufacturer's designation OSM5	435020 OSM5
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Precision dial comparator \pm measuring range / reading 130/5 μm	434674 130/5
Set of steel setting rings (dimensions as for probes) Measuring range 4,5-7,5 mm	435030 4,5-7,5
Precision dial comparator \pm measuring range / reading 50/1 μm	434674 50/1
Probe for OSIMESS internal precision bore gauges Application range 4,70-5,30 mm	435015 4,70-5,30
Precision dial comparator \pm measuring range / reading 250/10 μm	434674 250/10
Precision dial comparator \pm measuring range / reading 25/0,5 μm	434674 25/0,5
Digital dial indicator 0.0005 mm reading Measuring range 12,5 mm	434322 12,5
	435012 0,95-20,6

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

Angle clamp for OSIMESS for nominal measuring range
0,95-20,6 mm

435014 0,95-20,6

Clamp with return key for nominal measuring range
0,95-20,6 mm

435013 0,95-20,6