



## Internal precision bore gauge, steel, without dial indicator SU, Measuring range: 280-510 mm



### Order data

Order number	435040 280-510
GTIN	2050001039972
Item class	46F

### Description

#### Version:

Self-centring two-point dial bore gauge with spring-loaded centring disc. Smooth and accurate transmission of the contact point travel via a ring segment. Fixed, exchangeable measuring pins can be set to different  $\varnothing$ . Carbide-tipped point. Gauge holder with hand and ambient temperature protection.

Fixed measuring pins **of steel**.

#### Application:

For precise measuring of bores in terms of  $\varnothing$ , roundness, and cylindricity as well as measurements of internal profiles.

#### Supplied with:

Precision bore gauge complete (without dial indicator).

#### Optional extras:

Measuring depth extensions No. 435142, Precision dial comparator No. 434674, inductive precision dial comparator No. 434670, dial indicator with anticlockwise scale 434807 size 10, digital dial indicator 434322, setting ring No. 484030.

#### Note:

When using precision dial indicators, an additional extension No. 434920 size 10 or probe No. 434900 size 16 is required. Versions up to 800 mm measuring range available on request.

Calibration: C4

Repetition accuracy without dial gauge: 1.5  $\mu\text{m}$

Measurement depth: 400 mm

Number of contact points: 7

Number of measuring discs: 4  
Centring plate width: 156 mm

## Technical description

Number of contact points	7
Number of measuring discs	4
Measurement depth	400 mm
Measuring range	280 - 510 mm
Repetition accuracy without dial gauge	1.5 µm
Centring plate width	156 mm
Packaging	sturdy box
Calibration	C4
Type of product	2-point precision bore gauge

## Services

Calibration Precision bore gauge (types B + C) maximum measuring range 800 mm	013520 800
Labelling laser-etched Type	018940
Calibration Precision bore gauge (types B + C) maximum measuring range 800 mm	023210 800

## Accessories

Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Measuring depth extension Length 1500 mm	435142 1500
Inductive precision comparator Extramess Type 2000	434670 2000
Precision dial comparator ± measuring range / reading 1500/50 µm	434674 1500/50
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Inductive precision comparator Extramess Type 2100	434670 2100

Precision dial comparator $\pm$ measuring range / reading 130/5 $\mu\text{m}$	434674 130/5
Inductive precision comparator Extramess Type 2001	434670 2001
Measuring depth extension Length 250 mm	435142 250
Measuring depth extension Length 1000 mm	435142 1000
Steel contact point Type 16	434900 16
Measuring depth extension Length 500 mm	435142 500
Extension for measuring probe Length L 10 mm	434920 10
Precision dial comparator $\pm$ measuring range / reading 25/0,5 $\mu\text{m}$	434674 25/0,5
Digital dial indicator 0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Measuring depth extension Length 750 mm	435142 750
Setting ring DIN 2250 C Nominal size $\varnothing$ 290 mm	484030 290
Precision dial comparator $\pm$ measuring range / reading 250/10 $\mu\text{m}$	434674 250/10
Measuring depth extension Length 2000 mm	435142 2000