



## Internal precision bore gauge, steel, without dial indicator SU, Measuring range: 160-290mm



### Order data

Order number	435040 160-290
GTIN	2050001047984
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.

### Technical description

Repetition accuracy without dial gauge	0.5 µm
Number of contact points	7
Number of measuring discs	4
Measurement depth	230 mm
Measuring range	160 - 290 mm
Centring plate width	120 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	023210 800
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## Accessories

Setting ring DIN 2250 C Nominal size Ø 175 mm	484030 175
Measuring depth extension Length 1500 mm	435142 1500
Measuring depth extension Length 1000 mm	435142 1000
Measuring depth extension Length 750 mm	435142 750
Adapter for two-point bore gauges 1 piece Type 90-300	439914 90-300
Digital dial indicator 0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Measuring depth extension Length 500 mm	435142 500
Measuring depth extension Length 2000 mm	435142 2000
Extension for contact points Length L 10 mm	434920 10
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
	434674 250/10

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

Measuring depth extension Length 250 mm

435142 250

Precision dial comparator  $\pm$  measuring range / reading  
25/0,5  $\mu\text{m}$

434674 25/0,5

Setting ring DIN 2250 C Nominal size  $\varnothing$  200 mm

484030 200

Steel contact point Type 16

434900 16

Inductive precision comparator Extramess Type 2001

434670 2001

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

434674 130/5