



## Internal precision bore gauge, carbide, without dial indicator SU, Measuring range: 100-160mm



### Order data

Order number	435050 100-160
GTIN	2050001046604
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 **carbide-tipped**.

#### 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

Number of contact points	7
Number of measuring discs	4
Measurement depth	230 mm
Repetition accuracy without dial gauge	0.5 µm
Measuring range	100 - 160 mm
Centring plate width	75 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 160 mm	023210 160
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## Accessories

Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Measuring depth extension Length 2000 mm	435142 2000
Inductive precision comparator Extramess Type 2001	434670 2001
Measuring depth extension Length 1000 mm	435142 1000
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
Setting ring DIN 2250 C Nominal size Ø 125 mm	484030 125
Steel contact point Type 16	434900 16
Setting ring DIN 2250 C Nominal size Ø 100 mm	484030 100
Measuring depth extension Length 750 mm	435142 750
Measuring range extension Length 70 mm	435143 70
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
	434322 12,5

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

Measuring depth extension Length 500 mm	435142 500
Setting ring DIN 2250 C Nominal size Ø 10 mm	484030 10
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Adapter for two-point bore gauges 1 piece Type 90-300	439914 90-300
Extension for contact points Length L 10 mm	434920 10
Measuring depth extension Length 1500 mm	435142 1500
Setting ring DIN 2250 C Nominal size Ø 140 mm	484030 140
Measuring depth extension Length 250 mm	435142 250