



## Internal precision bore gauge, carbide, without dial indicator SU, Measuring range: 8-12mm



### Order data

Order number	435050 8-12
GTIN	2050001040015
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

Measurement depth	100 mm
Repetition accuracy without dial gauge	0.5 µm
Number of contact points	9
Measuring range	8 - 12 mm
Centring plate width	6.5 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 60 mm	023210 60
DAkkS calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	023220 60

## Accessories

Measuring pins for measuring range 8 – 12 mm Carbide Measuring Ø 9,5 mm	435092 9,5
Extension for contact points Length L 10 mm	434920 10
Measuring pins for measuring range 8 – 12 mm Carbide Measuring Ø 10,5 mm	435092 10,5
Setting ring DIN 2250 C Nominal size Ø 8 mm	484030 8
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Inductive precision comparator Extramess Type 2001	434670 2001
Setting ring DIN 2250 C Nominal size Ø 12 mm	484030 12
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Measuring depth extension Length 750 mm	435142 750
Measuring pins for measuring range 8 – 12 mm Carbide Measuring Ø 9 mm	435092 9

Setting ringDIN 2250 C Nominal size Ø 10 mm	484030 10
Measuring depth extension Length 1000 mm	435142 1000
Measuring pins for measuring range 8 – 12 mmCarbide Measuring Ø 11,5 mm	435092 11,5
Measuring pins for measuring range 8 – 12 mmCarbide Measuring Ø 8,5 mm	435092 8,5
Steel contact point Type 16	434900 16
Measuring pins for measuring range 8 – 12 mmCarbide Measuring Ø 10 mm	435092 10
Digital dial indicator0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Setting ringDIN 2250 C Nominal size Ø 11 mm	484030 11
Measuring pins for measuring range 8 – 12 mmCarbide Measuring Ø 8 mm	435092 8
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
Measuring depth extension Length 1500 mm	435142 1500
Setting ring for measuring range 8 – 12 Thickness 0,5 mm	435105 0,5
Measuring depth extension Length 2000 mm	435142 2000
Measuring pins for measuring range 8 – 12 mmCarbide Measuring Ø 11 mm	435092 11
Setting ringDIN 2250 C Nominal size Ø 9 mm	484030 9
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Measuring pins for measuring range 8 – 12 mmCarbide Measuring Ø 12 mm	435092 12
Measuring depth extension Length 250 mm	435142 250
Measuring depth extension Length 500 mm	435142 500