



## Internal precision bore gauge, carbide, without dial indicator SU, Measuring range: 18-35 mm



### Order data

Order number	435050 18-35
GTIN	2050001040022
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.

Calibration: C4

Repetition accuracy without dial gauge: 0.5  $\mu\text{m}$

Measurement depth: 110 mm

Number of contact points: 9

Number of measuring discs: 2  
Centring plate width: 14.8 mm

## Technical description

Measuring range	18 - 35 mm
Measurement depth	110 mm
Repetition accuracy without dial gauge	0.5 µm
Number of measuring discs	2
Number of contact points	9
Centring plate width	14.8 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	013520 60
Labelling laser-etched Type	018940
DAkkS calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	012930 60
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 18 – 35 mm Steel Measuring Ø 34 mm	435084 34
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 22 mm	435094 22
Inductive precision comparator Extramess Type 2001	434670 2001

Setting ring DIN 2250 C Nominal size Ø 25 mm	484030 25
Setting ring DIN 2250 C Nominal size Ø 22 mm	484030 22
Adapter for two-point bore gauges 1 piece Type 18-35	439914 18-35
Setting ring DIN 2250 C Nominal size Ø 30 mm	484030 30
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 32 mm	435094 32
Setting ring for measuring range 18 – 35 Thickness 0,5 mm	435107 0,5
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 18 mm	435094 18
Setting ring DIN 2250 C Nominal size Ø 18 mm	484030 18
Setting ring DIN 2250 C Nominal size Ø 19 mm	484030 19
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 26 mm	435094 26
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 34 mm	435094 34
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 20 mm	435084 20
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 24 mm	435084 24
Setting ring DIN 2250 C Nominal size Ø 32 mm	484030 32
Setting ring DIN 2250 C Nominal size Ø 24 mm	484030 24
Setting ring for measuring range 18 – 35 Thickness 1 mm	435107 1
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 20 mm	435094 20
Setting ring DIN 2250 C Nominal size Ø 28 mm	484030 28
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 18 mm	435084 18
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 26 mm	435084 26
Setting ring DIN 2250 C Nominal size Ø 35 mm	484030 35
Setting ring DIN 2250 C Nominal size Ø 26 mm	484030 26

Inductive precision comparator Extramess Type 2000	434670 2000
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 28 mm	435084 28
Steel contact point Type 16	434900 16
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 30 mm	435094 30
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 30 mm	435084 30
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 24 mm	435094 24
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Precision dial comparator ± measuring range / reading 1500/50 µm	434674 1500/50
Setting ring DIN 2250 C Nominal size Ø 34 mm	484030 34
Inductive precision comparator Extramess Type 2100	434670 2100
Extension for measuring probe Length L 10 mm	434920 10
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 22 mm	435084 22
Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 32 mm	435084 32
Setting ring DIN 2250 C Nominal size Ø 20 mm	484030 20
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 28 mm	435094 28