

**Garant****Precision bore gauge, Measuring range: 18-35 mm****Order data**

Order number	435190 18-35
GTIN	4045197726377
Item class	41C

**Description****Version:**

Precision two-point dial bore gauge with spring-loaded centring disc. **Lighter**, stable version with **CRP elements**, hence reduced **thermal expansion** and increased **corrosion protection**. Hand heat insulation on the frame additionally reduces the effects of temperature. Smooth and precise transmission of the contact point travel by a curved segment. Fixed contact point with hardened steel ball allows adjustment to different  $\emptyset$ .

**Standard:**

- **CRP elements for lighter weight and greater stability.**
- **Less thermal expansion.**
- **Increased protection against corrosion.**

**Application:**

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

**Supplied with:**

Precision bore gauge complete in a wooden case (without dial indicator).

**Optional extras:**

Precision dial comparator No. 434674, inductive precision dial comparator No. 434670, dial indicator with anticlockwise scale 434807 size 10, digital dial indicator 434322, setting rings No. 484030.

**Note:**

When using precision dial indicators, an additional extension No. 434920 size 10 or contact point No. 434900 size 16 is required.

Calibration: C4

Repetition accuracy without dial gauge: 1 µm  
 Measurement depth: 146 mm  
 Number of contact points: 9  
 Number of measuring discs: 2  
 Centring plate width: 14.5 mm

## Technical description

Number of contact points	9
Number of measuring discs	2
Measurement depth	146 mm
Repetition accuracy without dial gauge	1 µm
Measuring range	18 - 35 mm
Centring plate width	14.5 mm
Standard	Manufacturer's standard
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
DAkkS calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	023220 60
Calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	023210 60

## Accessories

Adapter for two-point bore gauges 1 piece Type 18-35	439914 18-35
	432110 10/58

Dial indicator shock-resistant Measuring range / Body Ø  
10/58 mm

Precision dial indicator shock-resistant Measuring range /  
Body Ø 1/58 mm

433090 1/58

Precision dial comparator ± measuring range / reading  
1500/50 µm

434674 1500/50

Steel contact point Type 16

434900 16

Extension for measuring probe Length L 10 mm

434920 10