

**Garant**
**Precision bore gauge set, Measuring range: 18-150mm**

**Order data**

Order number	435192 18-150
GTIN	4045197726360
Item class	41C

**Description**
**Version:**

Precision two-point dial bore gauge with spring-loaded centring disc. **Lightweight**, 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  $\varnothing$ .

**Version of the advertising text:**

- **Lightweight, stable version with CRP elements.**
- **Less thermal expansion.**
- **Increased protection against corrosion.**

**Application:**

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

**Supplied with:**

2 precision bore gauges No. 435190, additionally with extensions and setting rings.

**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.

## Technical description

Number of measuring discs	5
Measurement depth	146 - 178 mm
Number of contact points	20
Measuring range	18 - 150 mm
Repetition accuracy without dial gauge	1 µm
Standard	Manufacturer's standard
Packaging	sturdy box
Calibration	S9
Type of product	2-point precision bore gauge

## Services

CalibrationInternal precision bore gauge set Measuring range 18-150 mm	020580 18-150
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## Accessories

Extension for contact points Length L 10 mm	434920 10
Precision bore gauge Measuring range 18-35 mm	435190 18-35
Dial indicatorshock-resistant Measuring range / Body Ø 10/58 mm	432110 10/58
Precision bore gauge Measuring range 50-150 mm	435190 50-150
Steel contact point Type 16	434900 16
Precision dial indicatorshock-resistant Measuring range / Body Ø 1/58 mm	433090 1/58