



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



Order data

Order number	435040 100-160
GTIN	2050001047960
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 **of steel**.

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 μm

Measurement depth: 230 mm

Number of contact points: 7

Number of measuring discs: 4
Centring plate width: 75 mm

Technical description

Number of contact points	7
Repetition accuracy without dial gauge	0.5 µm
Measurement depth	230 mm
Measuring range	100 - 160 mm
Number of measuring discs	4
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	013520 160
Labelling laser-etched Type	018940

Accessories

Measuring depth extension Length 500 mm	435142 500
Inductive precision comparator Extramess Type 2000	434670 2000
Setting ring DIN 2250 C Nominal size Ø 150 mm	484030 150
Precision dial comparator ± measuring range / reading 1500/50 µm	434674 1500/50
Inductive precision comparator Extramess Type 2100	434670 2100
Setting ring DIN 2250 C Nominal size Ø 100 mm	484030 100
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
Extension for measuring probe Length L 10 mm	434920 10

Precision dial comparator \pm measuring range / reading 130/5 μm	434674 130/5
Steel contact point Type 16	434900 16
Precision dial comparator \pm measuring range / reading 50/1 μm	434674 50/1
Precision dial comparator \pm measuring range / reading 25/0,5 μm	434674 25/0,5
Inductive precision comparator Extramess Type 2001	434670 2001
Setting ring DIN 2250 C Nominal size \varnothing 125 mm	484030 125
Digital dial indicator 0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Measuring depth extension Length 1000 mm	435142 1000
Measuring depth extension Length 1500 mm	435142 1500
Measuring depth extension Length 2000 mm	435142 2000
Measuring depth extension Length 250 mm	435142 250
Measuring depth extension Length 750 mm	435142 750
Adapter for two-point bore gauges 1 piece Type 90-300	439914 90-300