



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



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.

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	023210 160
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Accessories

Setting ring DIN 2250 C Nominal size Ø 150 mm	484030 150
Measuring depth extension Length 2000 mm	435142 2000
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Digital dial indicator 0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Adapter for two-point bore gauges 1 piece Type 90-300	439914 90-300
Setting ring DIN 2250 C Nominal size Ø 125 mm	484030 125
Measuring depth extension Length 750 mm	435142 750
Measuring depth extension Length 1000 mm	435142 1000
Measuring depth extension Length 250 mm	435142 250
Inductive precision comparator Extramess Type 2001	434670 2001
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
	434674 130/5

Precision dial comparator \pm measuring range / reading
130/5 μm

Extension for contact points Length L 10 mm

434920 10

Precision dial comparator \pm measuring range / reading
25/0,5 μm

434674 25/0,5

Precision dial comparator \pm measuring range / reading
250/10 μm

434674 250/10

Measuring depth extension Length 500 mm

435142 500

Setting ring DIN 2250 C Nominal size \varnothing 100 mm

484030 100

Steel contact point Type 16

434900 16

Measuring depth extension Length 1500 mm

435142 1500