



Internal precision bore gauge set, steel without dial indicator SU, Measuring range: 50-160 mm



Order data

Order number	435060 50-160
GTIN	2050001048011
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: S9

Repetition accuracy without dial gauge: 0.5 μm

Measurement depth: 180 - 230 mm

Number of precision bore gauges: 2

Number of contact points: 18
 Number of measuring discs: 7

Technical description

Measurement depth	180 - 230 mm
Number of precision bore gauges	2
Number of contact points	18
Measuring range	50 - 160 mm
Number of measuring discs	7
Repetition accuracy without dial gauge	0.5 µm
Packaging	sturdy box
Calibration	S9
Type of product	2-point precision bore gauges

Services

Labelling laser-etched Type	018940
Calibration Internal precision bore gauge set Measuring range 50-230 mm	011290 50-230
Calibration Internal precision bore gauge set Measuring range 50-230 mm	020580 50-230

Accessories

Setting ring DIN 2250 C Nominal size Ø 100 mm	484030 100
Setting ring DIN 2250 C Nominal size Ø 95 mm	484030 95
Inductive precision comparator Extramess Type 2001	434670 2001
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Setting ring DIN 2250 C Nominal size Ø 75 mm	484030 75
Setting ring DIN 2250 C Nominal size Ø 85 mm	484030 85

Extension for measuring probe Length L 10 mm	434920 10
Setting ring DIN 2250 C Nominal size Ø 80 mm	484030 80
Setting ring DIN 2250 C Nominal size Ø 65 mm	484030 65
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Setting ring DIN 2250 C Nominal size Ø 60 mm	484030 60
Inductive precision comparator Extramess Type 2100	434670 2100
Inductive precision comparator Extramess Type 2000	434670 2000
Setting ring DIN 2250 C Nominal size Ø 55 mm	484030 55
Precision dial comparator ± measuring range / reading 1500/50 µm	434674 1500/50
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Setting ring DIN 2250 C Nominal size Ø 50 mm	484030 50
Setting ring DIN 2250 C Nominal size Ø 125 mm	484030 125
Setting ring DIN 2250 C Nominal size Ø 70 mm	484030 70
Setting ring DIN 2250 C Nominal size Ø 90 mm	484030 90
Steel contact point Type 16	434900 16