



Internal precision bore gauge set, steel without dial indicator SU, Measuring range: 18-100 mm



Order data

Order number	435060 18-100
GTIN	2050001048004
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: 110 - 180 mm

Number of precision bore gauges: 3

Number of contact points: 27
 Number of measuring discs: 7

Technical description

Number of precision bore gauges	3
Measuring range	18 - 100 mm
Number of measuring discs	7
Repetition accuracy without dial gauge	0.5 µm
Number of contact points	27
Measurement depth	110 - 180 mm
Packaging	sturdy box
Calibration	S9
Type of product	2-point precision bore gauges

Services

Calibration Internal precision bore gauge set Measuring range 18-150 mm	011290 18-150
Labelling laser-etched Type	018940
Calibration Internal precision bore gauge set Measuring range 18-150 mm	020580 18-150

Accessories

Setting ring DIN 2250 C Nominal size Ø 18 mm	484030 18
Setting ring DIN 2250 C Nominal size Ø 28 mm	484030 28
Setting ring DIN 2250 C Nominal size Ø 42 mm	484030 42
Setting ring DIN 2250 C Nominal size Ø 55 mm	484030 55
Setting ring DIN 2250 C Nominal size Ø 38 mm	484030 38
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 44 mm	484030 44
Setting ring DIN 2250 C Nominal size Ø 70 mm	484030 70
Inductive precision comparator Extramess Type 2000	434670 2000
Setting ring DIN 2250 C Nominal size Ø 40 mm	484030 40
Setting ring DIN 2250 C Nominal size Ø 19 mm	484030 19
Setting ring DIN 2250 C Nominal size Ø 100 mm	484030 100
Setting ring DIN 2250 C Nominal size Ø 26 mm	484030 26
Setting ring DIN 2250 C Nominal size Ø 24 mm	484030 24
Setting ring DIN 2250 C Nominal size Ø 46 mm	484030 46
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Setting ring DIN 2250 C Nominal size Ø 22 mm	484030 22
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Setting ring DIN 2250 C Nominal size Ø 32 mm	484030 32
Setting ring DIN 2250 C Nominal size Ø 75 mm	484030 75
Setting ring DIN 2250 C Nominal size Ø 30 mm	484030 30
Setting ring DIN 2250 C Nominal size Ø 95 mm	484030 95
Setting ring DIN 2250 C Nominal size Ø 85 mm	484030 85
Setting ring DIN 2250 C Nominal size Ø 20 mm	484030 20
Setting ring DIN 2250 C Nominal size Ø 34 mm	484030 34
Inductive precision comparator Extramess Type 2100	434670 2100
Setting ring DIN 2250 C Nominal size Ø 45 mm	484030 45
Steel contact point Type 16	434900 16
Setting ring DIN 2250 C Nominal size Ø 90 mm	484030 90
Setting ring DIN 2250 C Nominal size Ø 65 mm	484030 65
Inductive precision comparator Extramess Type 2001	434670 2001
Setting ring DIN 2250 C Nominal size Ø 36 mm	484030 36
Setting ring DIN 2250 C Nominal size Ø 60 mm	484030 60
Extension for measuring probe Length L 10 mm	434920 10

Setting ring DIN 2250 C Nominal size Ø 25 mm	484030 25
Setting ring DIN 2250 C Nominal size Ø 80 mm	484030 80
Setting ring DIN 2250 C Nominal size Ø 35 mm	484030 35
Setting ring DIN 2250 C Nominal size Ø 50 mm	484030 50
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10