



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



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.

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 gauge

Services

Calibration Internal precision bore gauge set Measuring range 18-150 mm	020580 18-150
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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 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
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 ringDIN 2250 C Nominal size Ø 46 mm	484030 46
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Setting ringDIN 2250 C Nominal size Ø 22 mm	484030 22
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Setting ringDIN 2250 C Nominal size Ø 32 mm	484030 32
Setting ringDIN 2250 C Nominal size Ø 75 mm	484030 75
Setting ringDIN 2250 C Nominal size Ø 30 mm	484030 30
Setting ringDIN 2250 C Nominal size Ø 95 mm	484030 95
Setting ringDIN 2250 C Nominal size Ø 85 mm	484030 85
Setting ringDIN 2250 C Nominal size Ø 20 mm	484030 20
Setting ringDIN 2250 C Nominal size Ø 34 mm	484030 34
Setting ringDIN 2250 C Nominal size Ø 45 mm	484030 45
Steel contact point Type 16	434900 16
Setting ringDIN 2250 C Nominal size Ø 90 mm	484030 90
Setting ringDIN 2250 C Nominal size Ø 65 mm	484030 65
Inductive precision comparator Extramess Type 2001	434670 2001
Setting ringDIN 2250 C Nominal size Ø 36 mm	484030 36
Setting ringDIN 2250 C Nominal size Ø 60 mm	484030 60
Extension for contact points Length L 10 mm	434920 10
Setting ringDIN 2250 C Nominal size Ø 25 mm	484030 25
Setting ringDIN 2250 C Nominal size Ø 80 mm	484030 80
Setting ringDIN 2250 C Nominal size Ø 35 mm	484030 35
Setting ringDIN 2250 C Nominal size Ø 50 mm	484030 50
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10