



Internal precision bore gauge, steel, without dial indicator SU, Measuring range: 18-35mm



Order data

Order number	435040 18-35
GTIN	2050001047946
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 measuring discs	2
Measurement depth	110 mm
Number of contact points	9
Repetition accuracy without dial gauge	0.5 µm
Measuring range	18 - 35 mm
Centring plate width	14.8 mm
Packaging	sturdy box
Calibration	C4
Type of product	2-point precision bore gauge

Services

DAkkS calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	023220 60
Calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	023210 60

Accessories

Setting ring DIN 2250 C Nominal size Ø 26 mm	484030 26
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Setting ring DIN 2250 C Nominal size Ø 35 mm	484030 35
Setting ring DIN 2250 C Nominal size Ø 28 mm	484030 28
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 24 mm	435094 24
Measuring depth extension Length 1000 mm	435142 1000
Measuring depth extension Length 500 mm	435142 500
Setting ring DIN 2250 C Nominal size Ø 18 mm	484030 18
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Setting ring DIN 2250 C Nominal size Ø 30 mm	484030 30

Setting ring for measuring range 18 – 35 Thickness 0,5 mm	435107 0,5
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 32 mm	435084 32
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 22 mm	435084 22
Setting ringDIN 2250 C Nominal size Ø 32 mm	484030 32
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 20 mm	435084 20
Setting ringDIN 2250 C Nominal size Ø 19 mm	484030 19
Inductive precision comparator Extramess Type 2001	434670 2001
Measuring pins for measuring range 18 – 35 mmCarbide Measuring Ø 30 mm	435094 30
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 28 mm	435084 28
Setting ringDIN 2250 C Nominal size Ø 22 mm	484030 22
Digital dial indicator0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 18 mm	435084 18
Setting ringDIN 2250 C Nominal size Ø 25 mm	484030 25
Measuring depth extension Length 2000 mm	435142 2000
Measuring pins for measuring range 18 – 35 mmCarbide Measuring Ø 20 mm	435094 20
Setting ring for measuring range 18 – 35 Thickness 1 mm	435107 1
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Extension for contact points Length L 10 mm	434920 10
Measuring depth extension Length 750 mm	435142 750
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
	435084 24

Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 24 mm	
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 26 mm	435084 26
Steel contact point Type 16	434900 16
Measuring pins for measuring range 18 – 35 mmCarbide Measuring Ø 18 mm	435094 18
Setting ringDIN 2250 C Nominal size Ø 20 mm	484030 20
Measuring pins for measuring range 18 – 35 mmCarbide Measuring Ø 28 mm	435094 28
Setting ringDIN 2250 C Nominal size Ø 34 mm	484030 34
Measuring depth extension Length 1500 mm	435142 1500
Measuring depth extension Length 250 mm	435142 250
Measuring pins for measuring range 18 – 35 mmCarbide Measuring Ø 32 mm	435094 32
Setting ringDIN 2250 C Nominal size Ø 24 mm	484030 24
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 30 mm	435084 30
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Measuring pins for measuring range 18 – 35 mmCarbide Measuring Ø 34 mm	435094 34
Measuring pins for measuring range 18 – 35 mmSteel Measuring Ø 34 mm	435084 34