



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



Order data

Order number	435050 18-35
GTIN	2050001040022
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 **carbide-tipped**.

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

Measuring range	18 - 35 mm
Measurement depth	110 mm
Repetition accuracy without dial gauge	0.5 µm
Number of measuring discs	2
Number of contact points	9
Centring plate width	14.8 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 60 mm	023210 60
DAkkS calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	023220 60

Accessories

Measuring pins for measuring range 18 – 35 mm Steel Measuring Ø 34 mm	435084 34
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 22 mm	435094 22
Inductive precision comparator Extramess Type 2001	434670 2001
Setting ring DIN 2250 C Nominal size Ø 25 mm	484030 25
Setting ring DIN 2250 C Nominal size Ø 22 mm	484030 22
Setting ring DIN 2250 C Nominal size Ø 30 mm	484030 30
Measuring pins for measuring range 18 – 35 mm Carbide Measuring Ø 32 mm	435094 32
Setting ring for measuring range 18 – 35 Thickness 0,5 mm	435107 0,5
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
	435094 18

Measuring pins for measuring range 18 – 35 mm Carbide
Measuring Ø 18 mm

Setting ring DIN 2250 C Nominal size Ø 18 mm

484030 18

Setting ring DIN 2250 C Nominal size Ø 19 mm

484030 19

Measuring pins for measuring range 18 – 35 mm Carbide
Measuring Ø 26 mm

435094 26

Measuring pins for measuring range 18 – 35 mm Carbide
Measuring Ø 34 mm

435094 34

Measuring pins for measuring range 18 – 35 mm Steel
Measuring Ø 20 mm

435084 20

Measuring pins for measuring range 18 – 35 mm Steel
Measuring Ø 24 mm

435084 24

Setting ring DIN 2250 C Nominal size Ø 32 mm

484030 32

Setting ring DIN 2250 C Nominal size Ø 24 mm

484030 24

Setting ring for measuring range 18 – 35 Thickness 1 mm

435107 1

Measuring pins for measuring range 18 – 35 mm Carbide
Measuring Ø 20 mm

435094 20

Setting ring DIN 2250 C Nominal size Ø 28 mm

484030 28

Measuring pins for measuring range 18 – 35 mm Steel
Measuring Ø 18 mm

435084 18

Measuring pins for measuring range 18 – 35 mm Steel
Measuring Ø 26 mm

435084 26

Setting ring DIN 2250 C Nominal size Ø 35 mm

484030 35

Setting ring DIN 2250 C Nominal size Ø 26 mm

484030 26

Measuring pins for measuring range 18 – 35 mm Steel
Measuring Ø 28 mm

435084 28

Steel contact point Type 16

434900 16

Precision dial comparator ± measuring range / reading
130/5 µm

434674 130/5

Measuring pins for measuring range 18 – 35 mm Carbide
Measuring Ø 30 mm

435094 30

Measuring pins for measuring range 18 – 35 mm Steel
Measuring Ø 30 mm

435084 30

Precision dial comparator \pm measuring range / reading 250/10 μm	434674 250/10
Measuring pins for measuring range 18 – 35 mmCarbide Measuring \varnothing 24 mm	435094 24
Precision dial comparator \pm measuring range / reading 25/0,5 μm	434674 25/0,5
Setting ringDIN 2250 C Nominal size \varnothing 34 mm	484030 34
Extension for contact points Length L 10 mm	434920 10
Measuring pins for measuring range 18 – 35 mmSteel Measuring \varnothing 22 mm	435084 22
Measuring pins for measuring range 18 – 35 mmSteel Measuring \varnothing 32 mm	435084 32
Setting ringDIN 2250 C Nominal size \varnothing 20 mm	484030 20
Measuring pins for measuring range 18 – 35 mmCarbide Measuring \varnothing 28 mm	435094 28