



Internal precision bore gauge, steel, without dial indicator SU, Measuring range: 35-60mm



Order data

Order number	435040 35-60
GTIN	2050001047953
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

Measurement depth	180 mm
Measuring range	35 - 60 mm
Repetition accuracy without dial gauge	0.5 µm
Number of contact points	6
Number of measuring discs	3
Centring plate width	28 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

Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Measuring depth extension Length 750 mm	435142 750
Adapter for two-point bore gauges 1 piece Type 35-90	439914 35-90
Measuring depth extension Length 1000 mm	435142 1000
Measuring depth extension Length 2000 mm	435142 2000
Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 49 mm	435085 49
Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 39 mm	435095 39
Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 49 mm	435095 49
Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 39 mm	435085 39

Setting ringDIN 2250 C Nominal size Ø 46 mm	484030 46
Measuring depth extension Length 500 mm	435142 500
Setting ring for measuring range 35 – 60 Thickness 1 mm	435108 1
Setting ringDIN 2250 C Nominal size Ø 40 mm	484030 40
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
Measuring pins for measuring range 35 – 60 mmSteel Measuring Ø 59 mm	435085 59
Measuring pins for measuring range 35 – 60 mmCarbide Measuring Ø 54 mm	435095 54
Measuring pins for measuring range 35 – 60 mmSteel Measuring Ø 54 mm	435085 54
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Measuring pins for measuring range 35 – 60 mmCarbide Measuring Ø 44 mm	435095 44
Setting ringDIN 2250 C Nominal size Ø 60 mm	484030 60
Setting ringDIN 2250 C Nominal size Ø 55 mm	484030 55
Dial indicator with anticlockwise scale Measuring range 10 mm	434807 10
Steel contact point Type 16	434900 16
Measuring depth extension Length 1500 mm	435142 1500
Setting ringDIN 2250 C Nominal size Ø 35 mm	484030 35
Setting ringDIN 2250 C Nominal size Ø 45 mm	484030 45
Setting ringDIN 2250 C Nominal size Ø 44 mm	484030 44
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Measuring pins for measuring range 35 – 60 mmCarbide Measuring Ø 59 mm	435095 59
Measuring depth extension Length 250 mm	435142 250
Setting ring for measuring range 35 – 60 Thickness 0,5 mm	435108 0,5
Inductive precision comparator Extramess Type 2001	434670 2001

Measuring pins for measuring range 35 – 60 mmSteel Measuring Ø 35 mm	435085 35
Digital dial indicator0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Setting ringDIN 2250 C Nominal size Ø 38 mm	484030 38
Setting ringDIN 2250 C Nominal size Ø 42 mm	484030 42
Setting ringDIN 2250 C Nominal size Ø 36 mm	484030 36
Setting ringDIN 2250 C Nominal size Ø 50 mm	484030 50
Measuring pins for measuring range 35 – 60 mmSteel Measuring Ø 44 mm	435085 44
Extension for contact points Length L 10 mm	434920 10
Measuring pins for measuring range 35 – 60 mmCarbide Measuring Ø 35 mm	435095 35