



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



Order data

Order number	435050 35-60
GTIN	2050001040046
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.

Calibration: C4

Repetition accuracy without dial gauge: 0.5 μm

Measurement depth: 180 mm

Number of contact points: 6

Number of measuring discs: 3
Centring plate width: 28 mm

Technical description

Measuring range	35 - 60 mm
Number of measuring discs	3
Measurement depth	180 mm
Number of contact points	6
Repetition accuracy without dial gauge	0.5 µm
Centring plate width	28 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	013520 60
Labelling laser-etched Type	018940
DAkkS calibration Precision bore gauge (types B + C) maximum measuring range 60 mm	012930 60
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

Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 49 mm	435095 49
Inductive precision comparator Extramess Type 2100	434670 2100
Inductive precision comparator Extramess Type 2001	434670 2001
	434807 10

Dial indicator with anticlockwise scale Measuring range 10 mm

Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 49 mm	435085 49
Setting ring for measuring range 35 – 60 Thickness 2,5 mm	435108 2,5
Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 59 mm	435095 59
Adapter for two-point bore gauges 1 piece Type 35-90	439914 35-90
Setting ring DIN 2250 C Nominal size Ø 10 mm	484030 10
Steel contact point Type 16	434900 16
Setting ring DIN 2250 C Nominal size Ø 40 mm	484030 40
Measuring depth extension Length 500 mm	435142 500
Measuring depth extension Length 1500 mm	435142 1500
Setting ring DIN 2250 C Nominal size Ø 45 mm	484030 45
Setting ring for measuring range 35 – 60 Thickness 1 mm	435108 1
Setting ring DIN 2250 C Nominal size Ø 50 mm	484030 50
Setting ring DIN 2250 C Nominal size Ø 46 mm	484030 46
Measuring depth extension Length 2000 mm	435142 2000
Measuring depth extension Length 750 mm	435142 750
Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 35 mm	435095 35
Setting ring DIN 2250 C Nominal size Ø 60 mm	484030 60
Precision dial comparator ± measuring range / reading 250/10 µm	434674 250/10
Precision dial comparator ± measuring range / reading 1500/50 µm	434674 1500/50
Setting ring DIN 2250 C Nominal size Ø 42 mm	484030 42
Digital dial indicator 0.0005 mm reading Measuring range 12,5 mm	434322 12,5
Precision dial comparator ± measuring range / reading 25/0,5 µm	434674 25/0,5
Setting ring DIN 2250 C Nominal size Ø 35 mm	484030 35

Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 35 mm	435085 35
Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 44 mm	435095 44
Measuring depth extension Length 1000 mm	435142 1000
Setting ring DIN 2250 C Nominal size Ø 38 mm	484030 38
Setting ring DIN 2250 C Nominal size Ø 44 mm	484030 44
Precision dial comparator ± measuring range / reading 50/1 µm	434674 50/1
Precision dial comparator ± measuring range / reading 130/5 µm	434674 130/5
Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 54 mm	435095 54
Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 39 mm	435085 39
Setting ring DIN 2250 C Nominal size Ø 55 mm	484030 55
Extension for measuring probe Length L 10 mm	434920 10
Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 59 mm	435085 59
Setting ring for measuring range 35 – 60 Thickness 0,5 mm	435108 0,5
Setting ring DIN 2250 C Nominal size Ø 36 mm	484030 36
Setting ring for measuring range 35 – 60 Thickness 3 mm	435108 3
Measuring depth extension Length 250 mm	435142 250
Setting ring for measuring range 35 – 60 Thickness 1,5 mm	435108 1,5
Setting ring for measuring range 35 – 60 Thickness 2 mm	435108 2
Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 44 mm	435085 44
Measuring pins for measuring range 35 – 60 mm Steel Measuring Ø 54 mm	435085 54
Measuring pins for measuring range 35 – 60 mm Carbide Measuring Ø 39 mm	435095 39
Inductive precision comparator Extramess Type 2000	434670 2000