

**Mahr**

**Lever dial indicator with horizontal dial contact point length 14.5 mm,  
Measuring range per direction / Body Ø: 0,1/38 mm**



## Order data

Order number	436355 0,1/38
GTIN	4059192013202
Item class	43A

## Description

### Version:

Lever dial indicator with **horizontal dial**.

High-precision lever dial indicator with jewel-mounted mechanism, in handy, robust design. Housing and dovetail block are of one piece, which means that mounting is particularly rigid. Corrosion protection due to matt chrome-plated housing.

**Mahr** – ruby mounted mechanism with carbide measurement ball. Contact point bearing in one-piece fork, therefore alignment is particularly exact; anti-magnetic. **2/1000 reading**.

### Application:

As an accurate dial bore gauge for testing variations from nominal size, testing concentricity, internal measurements, testing of parallelism, and flatness as well as for aligning components.

### Supplied with:

Clamping spigot Ø 8 mm.

### Optional extras:

Square holder No. 436510, centring holder No. 436512, knuckle stand No. 359680.

### Spare part:

Spare contact point with carbide or ruby ball available on request.

### Note:

**Additional information DIN 2270: Graduations 0.01** – deviation range 10 µm, total deviation range 13 µm, hysteresis error 3 µm. **Graduations 0.002/0.001** – deviation range 2 µm, total deviation range 4 µm, hysteresis error 2 µm.

Calibration: C5

Scale divisions: 0.002 mm

Variation range  $f_e$ : 2 µm

Total variation range  $f_{tot}$ : 4 µm

Hysteresis error  $f_u$ : 2 µm

Pivot range: 2×110 degrees

Gauging force: 0.25 N

## Technical description

Body Ø	38 mm
Hysteresis error $f_u$	2 µm
Variation range $f_e$	2 µm
Gauging force	0.25 N
Total variation range $f_{tot}$	4 µm
Scale divisions	0.002 mm
Measuring range per direction	0.1 mm
Pivot range	2×110 degrees
Clamping shank Ø h6	8 mm
Contact point length	14.5 mm
Measurement ball Ø	2 mm
Standard	DIN 2270
Measurement technology	analogue
Packaging	sturdy box
Calibration	C5
Type of product	Lever dial indicator

## Services

Calibration Lever dial indicator Type	013650
Labelling laser-etched Type	018940

DAkKS calibration Lever dial indicator Type	013660
Calibration Lever dial indicator Type ANALOG	023330 ANALOG
DAkKS calibration Lever dial indicator Type ANALOG	023340 ANALOG

### Accessories

Centring holder	436512
Carbide contact point, contact point length 14.5 mm Measurement ball Ø 1 mm	436371 1
Carbide contact point, contact point length 14.5 mm Measurement ball Ø 3 mm	436371 3
Articulated holder Radius of action 120 mm	359680 120
Carbide contact point, contact point length 14.5 mm Measurement ball Ø 2 mm	436371 2
Square holder for small indicator	436510
Carbide contact point, contact point length 14.5 mm Measurement ball Ø 2R mm	436371 2R