



Digital dial indicator 0.01 mm reading, Measuring range: 100mm



Order data

Order number	434310 100
GTIN	4059192014421
Item class	43A

Description

Version:

Digital dial indicator with **very large** numeric display (**11 mm**) and integrated tolerance display (with or without measured value display). The REFERENCE measuring system saves and retains the set zero position, even after being switched on again. The lock function prevents measurement errors arising from accidentally touching the control buttons.

Absolute function:

Zeroing in any position, without losing the reference value.

Factor adjustable

 with indication in display.

Individual functions can be blocked directly at the digital indicator. Settings and saved values (factor, preset, tolerances) are not lost even when changing the battery.

Function:

IP42: Protected against splashed water from directions up to 15° (dripping water) and protected against penetration by foreign bodies with $\varnothing > 1$ mm, however tools and wires should be kept away.

Supplied with:

1 battery No. 081560 size CR 2450.

Optional extras:

Data cable No. 498940.

Technical description

Calibration	C1
Thickness of housing	35 mm
Gauging force	1.60–3.50 N
Clamping shank Ø h6	8 mm
Body Ø	58 mm
Measuring range	100 mm
Reversible reading	0.0005 in
Reversible reading	0.01 mm
IP Index of Protection	IP 42
Article no of the battery / rechargeable battery fitted	081560 CR2450
Number of batteries contained	1
Power supply	Battery-powered
Measurement variation E MPE (measurement range)	0.02 mm
Standard	Manufacturer's standard
Reversible reading	mm / inch
Interface	Digimatic interface
Interface	USB interface
Interface	RS232 interface
Measured value saving	MAHR reference-lock system
Measurement technology	digital
Type of product	dial gauge

Services

DAkkS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 100 mm	023010 100
Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 100 mm	023000 100

Accessories

Steel contact point Type 11/30	434900 11/30
Extension for contact points Length L 40 mm	434920 40
Steel contact point Type 24	434900 24
Steel contact point Type 18/1	434900 18/1
Angled bracket for dial indicator 45° Clamping length 25 mm	434917 25
Steel contact point Type 12	434900 12
Extension for contact points Length L 60 mm	434920 60
Steel contact point Type 30/10	434900 30/10
Carbide contact point Type 10	434910 10
Carbide contact point Type 11	434910 11
Extension for contact points Length L 15 mm	434920 15
Connection cablesimplex with data key Type D2	498940 D2
Carbide contact point Type 17	434910 17
Carbide contact point Type 18/4	434910 18/4
Multi-receiver / USB keyboard interface Type	498975
Ruby contact point Type 2	434915 2
Carbide contact point Type 18/2	434910 18/2
Carbide contact point Type 2	434910 2
Steel contact point Type 11/20	434900 11/20
Steel contact point Type 14/30	434900 14/30
Steel contact point Type 16	434900 16
Connection cablesimplex with data key Type USB2	498940 USB2
Steel contact point Type 2	434900 2
Carbide contact point Type 18/5	434910 18/5
Steel contact point Type 11/15	434900 11/15
Steel contact point Type 18/3	434900 18/3
Extension for contact points Length L 80 mm	434920 80
Steel contact point Type 18/5	434900 18/5

Transmitter Type S4E	498966 S4E
Steel contact point Type 14	434900 14
Steel contact point Type 18/6	434900 18/6
Angled bracket for dial indicator 60° Clamping length 50 mm	434918 50
Steel contact point Type 20	434900 20
Button cell / special battery Battery type CR2450	081560 CR2450
Steel contact point Type 18/2	434900 18/2
Steel contact point Type 13	434900 13
Steel contact point Type 29/20	434900 29/20
Receiver / USB keyboard interface Type	498965
Steel contact point Type 18/4	434900 18/4
Steel contact point Type 17	434900 17
Steel contact point Type 29/10	434900 29/10
Extension for contact points Length L 50 mm	434920 50
Carbide contact point Type 18/3	434910 18/3
Extension for contact points Length L 10 mm	434920 10
Steel contact point Type 14/20	434900 14/20
Steel contact point Type 15	434900 15
Carbide contact point Type 18/6	434910 18/6
Steel contact point Type 11	434900 11
Angled bracket for dial indicator 45° Clamping length 50 mm	434917 50
Extension for contact points Length L 90 mm	434920 90
Pivoting contact point	434912
Extension for contact points Length L 20 mm	434920 20
Extension for contact points Length L 30 mm	434920 30
Extension for contact points Length L 70 mm	434920 70
Steel contact point Type 39	434900 39
Steel contact point Type 11/35	434900 11/35

Steel contact point Type 11/25	434900 11/25
Steel contact point Type 14/15	434900 14/15
Carbide contact point Type 14	434910 14
Extension for contact points Length L 100 mm	434920 100
Steel contact point Type 10	434900 10
Carbide contact point Type 16	434910 16
Steel contact point Type 14/40	434900 14/40
Angled bracket for dial indicator 60° Clamping length 25 mm	434918 25
Carbide contact point Type 18/1	434910 18/1
Steel contact point Type 28	434900 28
Connection cablesimplex with data key Type R2	498940 R2