



Digital dial indicator i-wi 0.0005 mm reading, Measuring range: 12,5mm



Order data

Order number	434318 12,5
GTIN	4059192014537
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 $\varnothing > 1 \text{ mm}$, however tools and wires should be kept away.

Supplied with:

1 battery No. 081560 size CR 2450.

Optional extras:

Data cable No. 498940.

i-wi radio receiver No. 498912 STICK.

Technical description

Gauging force	0.65-0.90 N
Measuring range	12.5 mm
Clamping shank Ø h6	8 mm
Calibration	C1
Body Ø	58 mm
Thickness of housing	35 mm
Reversible reading	0.00002 in
Reversible reading	0.0005 mm
IP Index of Protection	IP 42
Number of batteries contained	1
Article no of the battery / rechargeable battery fitted	081560 CR2450
Power supply	Battery-powered
Wireless application	Manufacturer's software
Measurement variation E MPE (measurement range)	0.004 mm
Standard	Manufacturer's standard
Reversible reading	mm / inch
Interface	USB interface
Interface	Digimatic interface
Interface	MAHR i-wi radio system
Interface	RS232 interface
Measured value saving	MAHR reference-lock system
Measurement technology	digital
Type of product	dial gauge

Services

CalibrationDial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm	023000 12,5
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0.01 / 0.001 maximum measuring span 12,5 mm

023010 12,5

Accessories

Carbide contact point Type 18/3	434910 18/3
Carbide contact point Type 18/2	434910 18/2
Steel contact point Type 18/5	434900 18/5
Carbide contact point Type 17	434910 17
Steel contact point Type 18/1	434900 18/1
Connection cablesimplex with data key Type USB2	498940 USB2
Steel contact point Type 11	434900 11
Carbide contact point Type 11	434910 11
Steel contact point Type 11/25	434900 11/25
Steel contact point Type 12	434900 12
Steel contact point Type 14/15	434900 14/15
Steel contact point Type 39	434900 39
Extension for contact points Length L 50 mm	434920 50
Pivoting contact point	434912
Steel contact point Type 28	434900 28
Carbide contact point Type 16	434910 16
Steel contact point Type 17	434900 17
Angled bracket for dial indicator60° Clamping length 50 mm	434918 50
Angled bracket for dial indicator60° Clamping length 25 mm	434918 25
Radio receiver for Mahr i-wi Type STICK	498914 STICK
Steel contact point Type 18/4	434900 18/4
Steel contact point Type 29/20	434900 29/20
Steel contact point Type 18/3	434900 18/3
Steel contact point Type 13	434900 13

Extension for contact points Length L 70 mm	434920 70
Carbide contact point Type 10	434910 10
Ruby contact point Type 2	434915 2
Steel contact point Type 16	434900 16
Carbide contact point Type 14	434910 14
Steel contact point Type 2	434900 2
Extension for contact points Length L 15 mm	434920 15
Carbide contact point Type 18/1	434910 18/1
Carbide contact point Type 18/6	434910 18/6
Steel contact point Type 30/10	434900 30/10
Steel contact point Type 11/20	434900 11/20
Carbide contact point Type 2	434910 2
Steel contact point Type 14/40	434900 14/40
Steel contact point Type 11/35	434900 11/35
Radio receivers for Mahr i-wi Type STICK	498912 STICK
Steel contact point Type 14	434900 14
Extension for contact points Length L 20 mm	434920 20
Steel contact point Type 14/20	434900 14/20
Steel contact point Type 11/30	434900 11/30
Extension for contact points Length L 30 mm	434920 30
Connection cablesimplex with data key Type D2	498940 D2
Carbide contact point Type 18/5	434910 18/5
Steel contact point Type 18/6	434900 18/6
Extension for contact points Length L 100 mm	434920 100
Steel contact point Type 15	434900 15
Extension for contact points Length L 90 mm	434920 90
Button cell / special battery Battery type CR2450	081560 CR2450
Steel contact point Type 14/30	434900 14/30
Steel contact point Type 20	434900 20

Multi-receiver / USB keyboard interface Type	498975
Extension for contact points Length L 60 mm	434920 60
Angled bracket for dial indicator45° Clamping length 25 mm	434917 25
Extension for contact points Length L 10 mm	434920 10
Steel contact point Type 11/15	434900 11/15
Steel contact point Type 10	434900 10
Angled bracket for dial indicator45° Clamping length 50 mm	434917 50
Steel contact point Type 18/2	434900 18/2
Extension for contact points Length L 80 mm	434920 80
Connection cablesimplex with data key Type R2	498940 R2
Extension for contact points Length L 40 mm	434920 40
Steel contact point Type 29/10	434900 29/10
Carbide contact point Type 18/4	434910 18/4
Steel contact point Type 24	434900 24