



Precision dial comparator, \pm measuring range / reading: 50/1 μ m



Order data

Order number	434674 50/1
GTIN	4059192014100
Item class	43A

Description

Version:

Sapphire mounted, all-in-one mechanism, particularly robust for use in the manufacturing area.

Low hysteresis due to virtually play-free gauging pins on ball guides.

Resistant to lateral forces.

One-piece housing for maximum stability and accuracy.

Shock resistance due to transmission lever which lifts up in the event of overload

Constant measuring force by straight spring.

Large overrun for convenient insertion of the component. Lifting key or lifting cable (special accessories) can be connected.

Clearly legible scale.

2 Tolerance pointers for presetting the permitted tolerance range.

Callout:

Tolerance pointers

Connection

for foot switch No. 434930

Fine adjustment

lockable (zero setting).

Application:

As a dial bore gauge for series and individual inspections.

Optional extras:

Lifting cable No. 434930.

Technical description

± measuring range	50 µm
Free stroke	2.8 mm
Scale divisions	1 µm
Clamping shank Ø h6	8 mm
Height	20 mm
Calibration	C3
Gauging force	1 N
Width	63 mm
Length	95 mm
Standard	DIN 879
Measurement technology	analogue
Packaging	sturdy box
Type of product	Precision dial comparators

Services

Calibration Precision dial comparator Type FZ	023180 FZ
DAkkS calibration Precision dial comparator Type FZ	023190 FZ

Accessories

Carbide contact point Type 18/3	434910 18/3
Steel contact point Type 20	434900 20
Steel contact point Type 39	434900 39
Carbide contact point Type 18/2	434910 18/2
Steel contact point Type 18/3	434900 18/3

Steel contact point Type 18/1	434900 18/1
Angled bracket for dial indicator 60° Clamping length 25 mm	434918 25
Extension for contact points Length L 60 mm	434920 60
Steel contact point Type 18/6	434900 18/6
Steel contact point Type 24	434900 24
Carbide contact point Type 14	434910 14
Extension for contact points Length L 20 mm	434920 20
Steel contact point Type 11/35	434900 11/35
Steel contact point Type 11/30	434900 11/30
Steel contact point Type 14/40	434900 14/40
Extension for contact points Length L 30 mm	434920 30
Angled bracket for dial indicator 45° Clamping length 25 mm	434917 25
Steel contact point Type 14	434900 14
Carbide contact point Type 17	434910 17
Steel contact point Type 13	434900 13
Steel contact point Type 17	434900 17
Steel contact point Type 2	434900 2
Pivoting contact point	434912
Carbide contact point Type 18/1	434910 18/1
Steel contact point Type 15	434900 15
Steel contact point Type 18/4	434900 18/4
Steel contact point Type 14/15	434900 14/15
Steel contact point Type 11/25	434900 11/25
Carbide contact point Type 2	434910 2
Extension for contact points Length L 50 mm	434920 50
Steel contact point Type 29/20	434900 29/20
Steel contact point Type 10	434900 10
Extension for contact points Length L 15 mm	434920 15

Carbide contact point Type 18/6	434910 18/6
Steel contact point Type 18/5	434900 18/5
Extension for contact points Length L 80 mm	434920 80
Carbide contact point Type 18/5	434910 18/5
Steel contact point Type 16	434900 16
Extension for contact points Length L 10 mm	434920 10
Angled bracket for dial indicator 45° Clamping length 50 mm	434917 50
Steel contact point Type 18/2	434900 18/2
Steel contact point Type 12	434900 12
Carbide contact point Type 18/4	434910 18/4
Extension for contact points Length L 40 mm	434920 40
Carbide contact point Type 11	434910 11
Carbide contact point Type 16	434910 16
Steel contact point Type 28	434900 28
Extension for contact points Length L 100 mm	434920 100
Lifting cables Length 140 mm	434930 140
Steel contact point Type 14/20	434900 14/20
Lifting cables Length 500 mm	434930 500
Steel contact point Type 11/20	434900 11/20
Angled bracket for dial indicator 60° Clamping length 50 mm	434918 50
Steel contact point Type 14/30	434900 14/30
Carbide contact point Type 10	434910 10
Steel contact point Type 30/10	434900 30/10
Steel contact point Type 11	434900 11
Extension for contact points Length L 70 mm	434920 70
Steel contact point Type 29/10	434900 29/10
Ruby contact point Type 2	434915 2
Steel contact point Type 11/15	434900 11/15

Extension for contact points Length L 90 mm

434920 90