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Industrial & Scientific > Test, Measure & Inspect > Dimensional Measurement > Indicators & Accessories > Dial Indicators



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Brown & Sharpe 14.82022 Dial Indicator, 4.0-48 Thread, 0.374" Stem Dia., Central Lug Back, White Dial, 0-100 Reading, 2.25" Dial Dia., 0-1" Range, 0.001" Graduation, +/-0.001" Accuracy

Brand: TESA Brown & Sharpe

11 ratings

Price: **\$110.68** & **FREE Returns**

Available at a lower price from [other sellers](#) that may not offer free Prime shipping.

[Free Amazon product support included](#)

Range: **0-1"**

0-1"

0.25"

0.35"

1"

2"

Resolution: **0.001"**

0.001"

0.0001"

0.0005"

Measurement accuracy: **+/-0.001"**

+/-0.001"

+/-0.0001"

+/-0.0005"

Part Number: **14.82022**

14.82022

14.82023

14.83006

14.83008

14.83013

14.83018

14.83019

14.82028

14.82016

14.82017

14.83026

14.83027

- Precise dial graduations of 0.001", with one revolution equivalent to 0.10" and total measurement of 1.0"
- Revolution counter tracks overall measurement
- Stainless steel rack and bottom bearings for corrosion resistance
- The 2-1/4" diameter rotating dial allows for horizontal and vertical measurements
- Rack teeth are ground to ensure accurate measurement

Product Specifications

\$110.68

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Qty: 1

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New (5) from
\$110.68 + FREE Shipping

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Brand Name	TESA Brown & Sharpe
Color	White
Display Type	0-100
Ean	7630041123951 , 0622419268620
Global Trade Identification Number	07630041123951
Item Diameter	2.25 inches
Item Shape	Central Lug Back

[See more](#)

Specification for this product family

Brand Name	Brown & Sharpe
Material	Stainless Steel
Measurement System	Inch
Stem Outside Diameter	0.374 inches
Thread Style	4.0-48
UNSPSC Code	41113700

[See more product details](#)

New (5) from \$110.68 + FREE Shipping

Other Sellers on Amazon

\$105.38

+ \$7.49 shipping

Sold by: Travers Tool Co., Inc.

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Total price: \$200.17

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- ☒ This item: Brown & Sharpe 14.82022 Dial Indicator, 4.0-48 Thread, 0.374" Stem Dia., Central Lug Back, White... \$110.68
- ☒ Noga DG61003 Regular Duty Dial Gage Holder Mag Base w/Metal Fine Adjust \$89.49

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TESA Brown & Sharpe
Brown & Sharpe,
01889023, Dial Test
Indicator, 0.0004 in.

72

\$96.34



Brown & Sharpe 599-
7034-5 Dial Test Indicator
Set, M1.4x0.3 Thread,
Black Dial, 0-1...

41

\$135.33



Brown & Sharpe 599-7054
Universal Dovetail
Attachment, M1.4x0.3
Thread

19

\$32.95



TESA Brown & Sharpe
01699117 Value line
Magnetic Base, Stand,
Indicator Holder with...

18

\$66.24



Brown & Sharpe 599-4816
48-Piece Thread
Measuring Wire Set

84

\$35.91

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Mahr Federal B7I AGD 1
Dial Indicator, 0.125"
Range x 0.0005", Lug Back,
Jeweled

\$201.00

Only 4 left in stock (more on...



Mitutoyo 2416S" Dial
Indicator, 4-48 UNF
Thread, 0.375" Stem
Dia, "Lug Back," White...

72

\$88.84

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TECLOCK 4409-1001
Teclock Dial Indicator, 0-1"

4

\$54.12



Fowler FOW72-520-110
Dial Indicator

23

\$29.40



Starrett Dial Indicator, 25-
441J - Lug On Center
Back, Jeweled Bearings, 0-
100 Reading, 0 - 1"...

36

\$151.99

Special offers and product promotions

Range: **0-1"** | Resolution: **0.001"** | Measurement Accuracy: **+/-0.001"** | Part Number: **14.82022**

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Product description

Range: **0-1"** | Resolution: **0.001"** | Measurement accuracy: **+/-0.001"** | Part Number: **14.82022**

The Brown & Sharpe 14.82022 AGD 2 dial indicator reads to 0.001", with one revolution of the dial being 0.10", and the total available measurement being 1.0". The white dial face includes a revolution counter to keep track of the overall measurement and a contrasting black hand to help make measurements easy to read. The ball contact tip reaches into the workpiece to make accurate measurements of turned, milled, and ground parts, for tool setting gauges, fixtures, and inspections. The racks and bottom bearings are made of stainless steel, for corrosion resistance. Rack teeth are ground to ensure accuracy. The central lug back can be rotated 90 degrees for vertical or horizontal use. The dial face is 2 1/4" in diameter.

Dial indicators may also be called dial gauges, dial calipers, and probe indicators. These precision measuring tools are used to accurately measure small linear distances and object sizes. The dial magnifies the measurement so that it can more easily be read by the human eye. Frequently used in manufacturing, laboratories, and other industrial or mechanical fields, dial indicators are used anywhere a small measurement must be found and recorded or transferred, such as checking the variation in tolerance of a workpiece. Dial test indicators are very similar to dial indicators, except that the axis of measurement is perpendicular to the axis of the indicator. Standard dial indicators measure the displacement along the axis of the indicator. Dial indicators can be analog, with a mechanical dial, or electronic, with a digital display. Some electronic models transfer the data electronically to a computer for recording and potential manipulation.

Brown & Sharpe was founded in 1833, had a major part in setting industrial standards in the United States, and has given its name to several standards, including a tool spindle taper, a worm threadform, and others. Brown & Sharpe was acquired by Hexagon Metrology in 2001, and has since focused on precision measuring equipment and metrology hand tools. The Brown & Sharpe line of coordinate measuring machines (CMMs), optical measuring systems, benchtop measuring machines, and precision hand tools offer consistent, high-quality design, construction, and performance. Brown & Sharpe has manufacturing facilities in North America, Switzerland, and China.

Product details

Range: **0-1"** | Resolution: **0.001"** | Measurement accuracy: **+/-0.001"** | Part Number: **14.82022**

Product Dimensions : 7 x 3.3 x 2.6 inches; 1 Pounds

Item model number : 599-9749-12

Date First Available : November 9, 2004

Manufacturer : Hexagon Metrology
ASIN : B0006J4X30
Domestic Shipping: Item can be shipped within U.S.
International Shipping: This item can be shipped to select countries outside of the U.S. [Learn More](#)
Best Sellers Rank: #247,357 in Industrial & Scientific (See Top 100 in Industrial & Scientific)
#247 in [Dial Indicators](#)
Customer Reviews:
[11 ratings](#)

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Dial Indicator Contact
Point Spec-Form
\$14.22



Mitutoyo 3417S Dial
Indicator, #4-48 UNF
Thread, 0.375" Stem Dia.,
Lug Back, White ...
1
\$160.00



Mitutoyo 513-518, .001" X
.040" Pocket Test Indicator,
0-20-0
3
\$111.06



Mitutoyo 513-504 Pocket
Type Dial Test Indicator,
Basic Set, Horizontal Type,
0.375...
5
\$129.78



Toolrock Professional 0-
10mm Dial Indicator
Gauge with Magnetic Base
& Point Preci...
30
\$39.55

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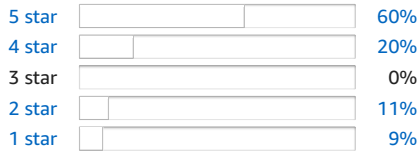
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Customer reviews

Top reviews

4.1 out of 5

11 global ratings



[How are ratings calculated?](#)



Mitutoyo 543-792 Absolute LCD Digimatic Indi...
8

\$231.73

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Top reviews from the United States

CMR

Awesome indicator

Reviewed in the United States on March 11, 2020

Range: 0-1" Resolution: 0.001" Measurement accuracy: +/-0.001" Part Number: 14.82023

Verified Purchase

I am a machinist student and have a couple indicators but this one from B&S is by far my favorite. From its design to its operation is flawless.

100% would recommend to anyone looking for a quality indicator!!

Helpful

Comment

Report abuse

S Muhn

Best mechanical dial indicator-HANDS DOWN!

Reviewed in the United States on February 6, 2017

Range: 0-1" Resolution: 0.001" Measurement accuracy: +/-0.001" Part Number: 14.82023

Verified Purchase

I have used everything from Mitutoyo to Starrett and this is my favorite dial indicator. The large second hand (0.100) (on the 14.82023 model) is one of the largest I know of and makes readings that happen quickly very easy to read. Minus digital dial indicators (check out the Motionics bluedial indicator with associated app and software, that's my favorite) this is the best mechanical one I have ever used. Highly recommend.

One person found this helpful

Helpful

Comment

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matthew hatch

Good quality, maybe not worth full price

Reviewed in the United States on August 30, 2018

Range: 1" Resolution: 0.0005" Measurement accuracy: +/-0.0005" Part Number: 14.82016

Verified Purchase

This dial indicator is typical Brown and Sharpe quality. The movement is smooth as silk. My only complaints were how big it is and that the plastic cover where the plunger comes out of the top of the dial is not very tight and seems to be to long to fit in the foam case.

Helpful

Comment

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Sean Czok

Exactly what I need

Reviewed in the United States on December 30, 2019

Range: 0-1" Resolution: 0.001" Measurement accuracy: +/-0.001" Part Number: 14.82023

Verified Purchase

Absolutely perfect everything I expected and more

Helpful

Comment

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The Family A

Perfect affordable option for the job.

Reviewed in the United States on May 12, 2015

Range: 0.25" Resolution: 0.001" Measurement accuracy: +/-0.001" Part Number: 14.83008

Verified Purchase

Wasn't sure what quality of product I would get for the price. Purchased a small indicator with 0.025" travel to set up a thickness planer I rebuilt. Couldn't be happier with it.

One person found this helpful

Helpful

Comment

Report abuse

J.G.

A high quality product.

Reviewed in the United States on March 15, 2015
Range: 0-1" Resolution: 0.001" Measurement accuracy: +/-0.001" Part Number: 14.82023
Verified Purchase

This is a very nice dial indicator. Very well made, smooth action and accurate. You would have to pay a lot more money to get a better indicator.

One person found this helpful

Helpful

Comment

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Don Gillette

Five Stars

Reviewed in the United States on January 16, 2015
Range: 0-1" Resolution: 0.001" Measurement accuracy: +/-0.001" Part Number: 14.82023
Verified Purchase

Very accurate!

Helpful

Comment

Report abuse

Al-Hala

Purchased one, had stiffness is the travel that bound ...

Reviewed in the United States on January 25, 2015
Range: 1" Resolution: 0.0005" Measurement accuracy: +/-0.0005" Part Number: 14.82016
Verified Purchase

Purchased one, had stiffness is the travel that bound the needle. Exchanged for a second; had much less issue, but still present. Very disappointing, given the brand name, and the cost of the units. Both returned for refund. Replacement competing brand functions flawlessly from the packaging.

One person found this helpful

Helpful

Comment

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[See all reviews](#)

Customers who bought this item also bought



Noga DG61003 Regular
Duty Dial Gage Holder
Mag Base w/Metal Fine
Adjust

315

\$89.49



Noga DG10533 Standard
Holder with Mag Base-176
lbs-Hold Power

78

\$85.00



Brown & Sharpe 599-579-
12-1 Dial Caliper, Stainless
Steel, White Face, 0-12"
Range, +/-0.001"...

139

\$318.58

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NOGA Heavy Duty Holder
with Magnetic Base -
Model: MG10533 Holding
Power: 176 lbs Top Arm...

65

\$104.95

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