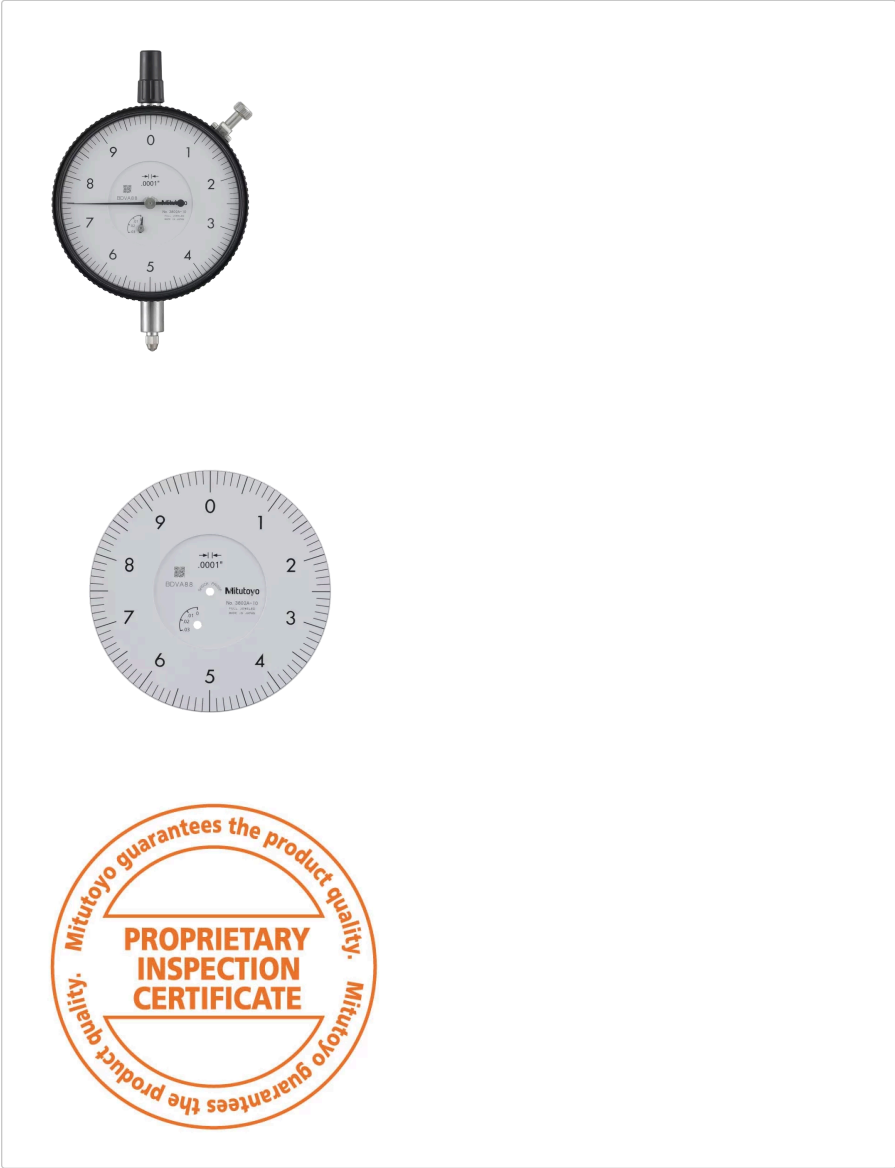




# Dial Gauge, Lug Back, ANSI/AGD Type

Item number: 3802A-10

## Images



## Description

This is a standard, inch dial indicator. It offers you the following benefits:

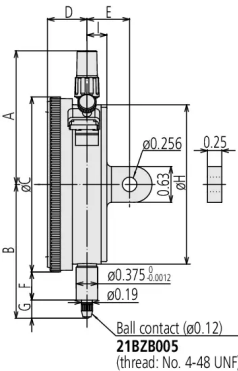
- Large-diameter dial face  $\varnothing = 78\text{ mm}$  for easy reading
- Supplied with limit markers and a bezel clamp as standard
- 0.001" / 0.0001" graduation

## Specification

|                 |                                             |
|-----------------|---------------------------------------------|
| Digital/Analog: | Analog                                      |
| Inch-Metric:    | Inch                                        |
| Delivered:      | With certificate of inspection, bezel clamp |

|                              |                                 |
|------------------------------|---------------------------------|
| Range:                       | 0,025 "                         |
| Range per rev.:              | 0.01"                           |
| Dial reading:                | 0-10                            |
| Graduation:                  | 0.0001"                         |
| H MPE (Hysteresis):          | 0,0001"                         |
| R MPE (Repeatability):       | ±0,00003"                       |
| MPE first one revolution:    | ±0,0001"                        |
| MPE first 2 1/2 revolutions: | ±0,0001"                        |
| Type:                        | ANSI/AGD Standard               |
| Measuring force:             | 0,4-2 N                         |
| Mass:                        | 260 g                           |
| Stem:                        | 9.52 mm / 0.375"                |
| Contact point:               | Carbide tipped, thread: 4-48UNF |
| Continuous dial:             | Yes                             |
| Shockproof:                  | Yes                             |

Dimensions



Technical drawing of a Mitutoyo dial gauge showing dimensions A through I. The drawing includes a side view and a detail of the contact point. Dimensions are as follows:

- A: 2.41 inch
- B: 2.35 inch
- C: 3.07 inch
- D: 0.7 inch
- E: 3/4 inch
- F: 0.5 inch
- G: 0.32 inch
- H: 2.8 inch
- I: 0.35 inch

Additional details from the drawing:

- Ball contact (ø0.12)
- 21BZB005 (thread: No. 4-48 UNF)
- ø0.375  $\pm 0.0012$
- ø0.19
- ø0.256
- 0.13
- 0.25

Accessories

Optional accessories:



### Limit Hands (green) 2pcs

Dial Indicator Series 2/3/4  
Art No. 21AZB195



### Spindle Lifting Lever

for Digital Indicator, A-Type Dial Indicator  
Serie 2/3/4  
Art No. 21EZA198  
£7.70 ex. VAT



### Spindle Lifting Cable

for Indicator, L=500mm  
Art No. 21JZA295



### Spindle Lifting Cable with Auto Stop

for Indicator, L=300mm  
Art No. 21JZA301

Standard accessories:

## Bezel Clamp for Dial Gauge



Inch, Series 2/3/4  
Art No. 21RZA065  
**£2.30** ex. VAT

### Spare parts

#### Consumable spares:



## Contact Element Ball Point, 4-48UNF

1/4" Length, Carbide, Inch  
Art No. 21BZB005  
**£8.60** ex. VAT