## **Dial Indicator Applications**

Comparison measuring instruments which ensure high quality, high accuracy and reliability.

## **Dial Snap Gage SERIES 201**

• Designed for quick GO/NG judgment of diameters of cylinders and shafts in machining processes.

• Wide (13.5×12 mm/1.53×47 in), flat carbide anvils.

• Anvil retracting stroke: 2 mm/0.08 in Anvil positioning range: 25 mm/1 in

• Adjustment nut: adjusts the measuring range.

• Clamp: adjustment nut

• Flatness of measuring face: 1 µm

• Repeatability of indication: 2 µm or better (repeatability of indicators is not included)

• The dial indicator and protection cover are optional. Also, some dial indicators and protection covers cannot be used with the dial snap gage. Consult Mitutoyo if intending to use dial indicators which are not recommended.



Note: The dial indicator and protection cover are optional.

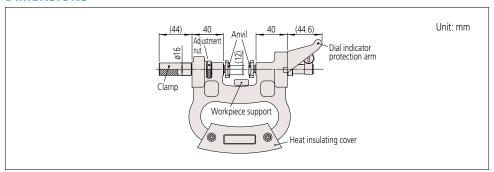
## **SPECIFICATIONS**

Metric				
Order No.	Range (mm)	Parallelism (µm)	Measuring force* (N)	
201-101	0 - 25			
201-102	25 - 50			
201-103	50 - 75	5	15±3	
201-104	75 - 100			
201-105	100 - 125			
201-106	125 - 150			
201-107	150 - 175			
201-108	175 - 200			
201-109	200 - 225			
201-110	225 - 250			
201-111	250 - 275			
201-112	275 - 300			

Inch	ı		
Order No.	Range (in)	Parallelism (in)	Measuring force* (N)
201-151	0 - 1	0.00025	15±3
201-152	1 - 2		
201-153	2 - 3		
201-154	3 - 4		
201-155	4 - 5		
201-156	5 - 6		
201-157	6 - 7		
201-158	7 - 8		
201-159	8 - 9		
201-160	9 - 10		
201-161	10 - 11		
201-162	11 - 12		

<sup>\*</sup> Measuring force is that force present before an indicator is installed and is determined at the point where the spindle is retracted 1 mm from the rest position.

## **DIMENSIONS**





**Optional accessories** 

Dial protection cover: 21DZA000

**Recommended dial indicators (optional)** 

• Metric models:

2046SB: Dial indicator (Graduation: 0.01 mm) 2109SB-10: Dial indicator (Graduation: 0.001 mm) • Inch models: 2803SB-10 (Graduation: 0.0001 in)