

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.



201-101

Note: The dial indicator and protection cover are optional.

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)

SPECIFICATIONS

Metric

Order No.	Range (mm)	Parallelism (μm)	Measuring force* (N)
201-101	0 - 25	5	15±3
201-102	25 - 50		
201-103	50 - 75		
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

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		

* 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

