

# Depth Gauges

## SERIES 547 – ABSOLUTE Digimatic Depth Gauge

- Easy-to-read dial effectively prevents misreading.
- Allows integration into statistical process control and measurement systems for models with a measurement data output connector.

**MeasurLink<sup>®</sup> ENABLED** **ABSOLUTE**

Data Management Software by Mitutoyo



547-217A



547-258A

### Specifications

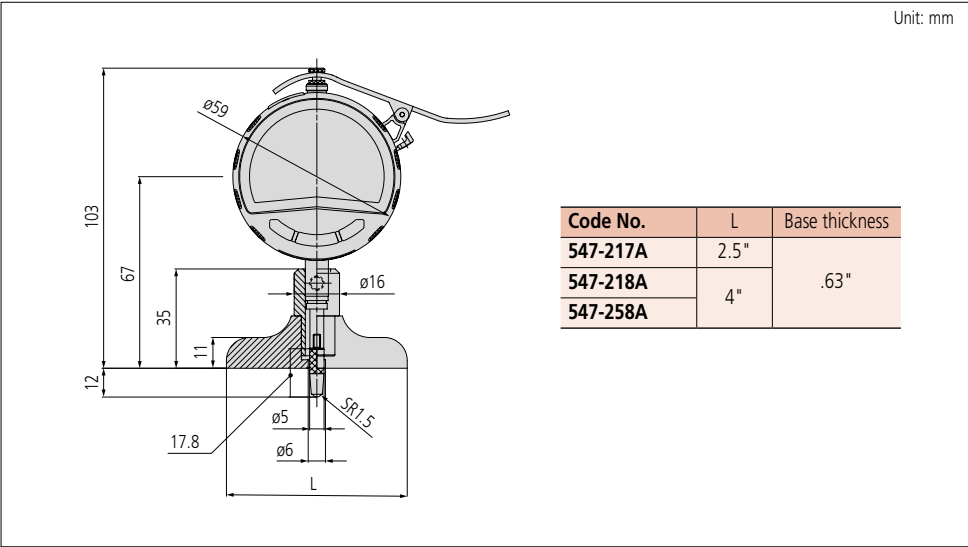
Inch/Metric

Code No.	Range	Resolution	Accuracy* <sup>1</sup>	Extension rod	Indicator
547-217A	0-200 mm/ 0-8"	0.01 mm/.0005"	±20 µm/±.001"	4 pcs. (.5", 1", 2", 4")	543-712B* <sup>2</sup>
547-218A					
547-258A		0.001 mm/.00005"	±5 µm/±.0002"		543-702B

\*<sup>1</sup> Excluding quantizing error.

\*<sup>2</sup> The measuring force of this indicator is different from that of the standard 543-402B.

### Dimensions



### Technical Data

Stroke:	12.7 mm/.5"
Measuring force:	1.5 N
Base flatness:	5 µm/.0002" (2 µm/.00008": <b>543-702B</b> )
Base thickness:	16 mm/.63"
Contact point:	Carbide-tipped ball point
Max. response speed:	Unlimited
Battery:	CR2032 (1 pc.), <b>055AA217</b>
Battery life:	Approx. 2.5 years under normal use

### Optional Accessories

Code No.	Description
02AZF700	U-WAVE-TM/TMB connection unit (12.7 mm / .5" type only)
02AZG021	U-WAVE-T data cable with footswitch connection (160/500 mm)
06AGL011	SPC data cable (1 m)
06AGL021	SPC data cable (2 m)
06AGQ001F	USB input tool direct (2 m)

### Caution should be used when exchanging the contact point of a depth gauge

The measurement range may not be maintained when mounting a differently sized contact point than the standard accessory. Zero-setting will not be possible if the contact-point diameter is too large for the plunger hole in the bottom face of the base. Parallelism adjustment with the bottom face of the base is required when mounting a flat contact point such as the flat/needle or carbide-tipped contact point.