

ABSOLUTE Digimatic Depth Gage
SERIES 547

- Easy-to-read digital display effectively prevents misreading.
- An analog bar indicator on the LCD is convenient for observing subtle movements such as the approach to tolerance.
- Data output function allows integration into statistical process control and measurement systems.(Refer to page 09-3.)



SPECIFICATIONS

Metric										
Code No.	Range (mm)	Resolution (mm)	Stroke (mm)	Accuracy (μm)	Measuring force (N)	Base				
						W (mm)	T (mm)	flatness (μm)		
547-211A	0 - 200	0.01	12.7	±20	1.5 or less	63.5	16	5		
547-212A		(0.001/0.01 mm selectable)		±5		101.6		2		
547-251A						63.5				
547-252A						101.6				

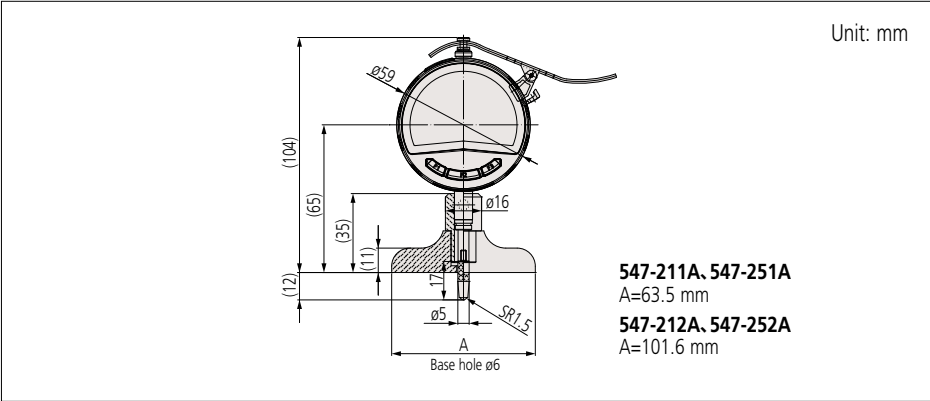
Code No.	Contact point*	Extension rod*	Indicator*
547-211A	Provided with a carbide-tipped ball point (21JAA224)	5 pcs. (10, 20, 30, 30, 100 mm)	543-710B
547-212A			543-700B
547-251A			
547-252A			

Inch / Metric								
Code No.	Range (in)	Resolution	Stroke (in)	Accuracy (in)	Measuring force (N)	Base		
						W (in)	T (in)	flatness (in)
547-217A	0 - 8	0.0005 in/0.01 mm	0.5	±0.001	1.5 or less	2.5	0.63	0.0002
547-218A				4				
547-257A		0.00002 in		2.5				
547-258A		(0.00005/0.0001/0.0005 in 0.0005/0.001/0.01 mm selectable)		4		0.00008		

Code No.	Contact point*	Extension rod*	Indicator*
547-217A	Provided with a carbide-tipped ball point (21JZA242)	4 pcs. (0.5 in, 1 in, 2 in, 4 in)	543-712B
547-218A			543-702B
547-257A			
547-258A			

* Refer to corresponding notes on page 06-17.

DIMENSIONS



Functions

- Peak detection (MAX/MIN)
- Runout range measurement (MAX - MIN)
- Zero-setting (INC system)
- Presetting (ABS system)
- Measuring direction switching
- Tolerance judgment
- Resolution switching
(For 0.0005 mm or 0.00002 inch resolution type)
- Simple calculation: f(x) =Ax
- Function Lock
- Calibration schedule warning
- Auto power OFF
- Data output
- Display value holding (when no external device is connected)
- 330° rotary display
- Low battery/voltage alarm display
- Error alarm display

Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type IT-020U
06AGL011	SF	Connection cable (1 m)
06AGL021	SF	Connection cable (2 m)
06AGQ001F	SF	USB Input Tool Direct* (2 m)
02AZG011	SF	Connection cable for U-WAVE-T (160 mm)
02AZG021	SF	Connection cable for U-WAVE-T (160 mm) For foot switch
264-622	IP67	U-WAVE-TM
264-623	Buzzer	U-WAVE-TM
02AZD810D	—	U-WAVE-R
02AZF670	—	U-WAVE-TM mounting bracket For Digimatic Indicator
264-626	IP67	U-WAVE-TMB
264-627	Buzzer	U-WAVE-TMB
02AZF700	—	Connecting unit for U-WAVE-TM/TMB (for ID-C/ID-F Series 12.7 mm/0.5 inch type only)

* One 06AGQ001F is necessary for each Digimatic indicator.