Dial Indicator Applications

Thickness Gages
SERIES 547, 7

Pipe gage measurement
• Pipe wall thickness, thickness of curved boards can be measured. (Contact point, Anvil: hardened steel)

547-360A   7360A

Functions (547-360A)
• Display: 6-digit display, sign
• Power source: CR2032 battery (1 pc.), included as standard (for operational checks)
• Battery life: Approx. 2.5 years under normal use Approx. 2,700 hours of continuous use
• Response speed: Unlimited (except for scanning measurement)
• Zero-setting (INC system)
• Presetting (ABS system)
• Measuring direction switching
• Tolerance judgment
• Function Lock
• Calibration schedule warning function
• Data output
• Display value holding (when no external device is connected)
• 330° rotary display
• Low battery voltage alarm display
• Error alarm display

Optional Accessories
Refer to page 07-90.

• Measurement Data Management **USB-ITPAK V3.0**: **06AGR543**

SPECIFICATIONS

Metric

Code No.	Resolution (mm)	Range (mm)	Measuring depth (mm)	Contact point, Anvil (mm)
547-360A	0.01	0 - 10	20	ø3 Flat (Contact point) ø3.5 Ball (Anvil)

Accuracy (µm)	Measuring force (N)	Mass (g)	Remarks
±20	1.5 or less	230	Pipe gage

Inch / Metric

Code No.	Resolution	Range (in)	Measuring depth	Contact point, Anvil
547-361A	0.0005 in/0.01 mm	0 - 0.4	20 mm (0.79 in)	ø3 mm (ø0.12 in) Flat (Contact point) ø3.5 mm (ø0.14 in) Ball (Anvil)
547-561S	0.0005 in/0.01 mm	0 - 0.47*	20 mm (0.79 in)	ø3 mm (ø0.12 in) Flat (Contact point) ø3.5 mm (ø0.14 in) Ball (Anvil)

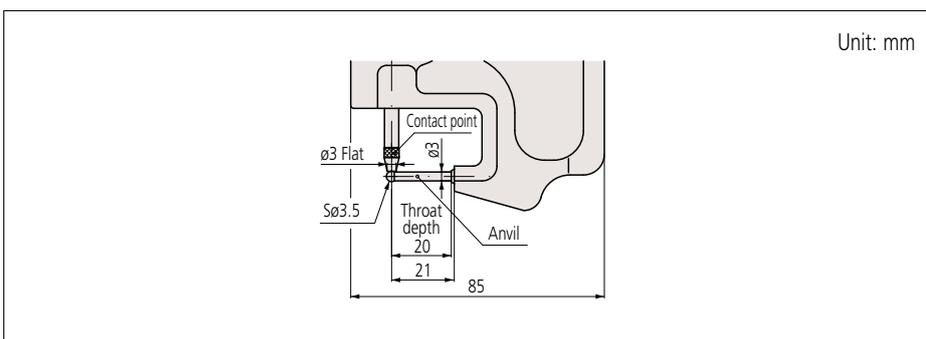| Accuracy	Measuring force (N)	Mass (g)	Remarks
±0.001 in/±20 µm	1.5 or less	230	Pipe gage
±0.001 in/±20 µm	1.5 or less	215	Pipe gage

* Using **ID-SX** Digimatic indicator.

Metric

Code No.	Graduation (mm)	Range (mm)	Measuring depth (mm)	Contact point, Anvil (mm)
7360A	0.01	0 - 10	20	ø3 Flat (Contact point) ø3.5 Ball (Anvil)

Accuracy (µm)	Measuring force (N)	Mass (g)	Remarks
±15	1.4 or less	200	Pipe gage

Inch

Code No.	Graduation (in)	Range (in)	Measuring depth (in)	Contact point, Anvil (in)
7361A	0.001	0 - 0.5	0.8	ø0.12 Flat (Contact point) ø0.14 Ball (Anvil)

Accuracy (in)	Measuring force (N)	Mass (g)	Remarks
±0.001	1.8 or less	200	Pipe gage

Note: The dial indicator needs to be reset when a contact point is replaced.

DIMENSIONS

Unit: mm

Mitutoyo