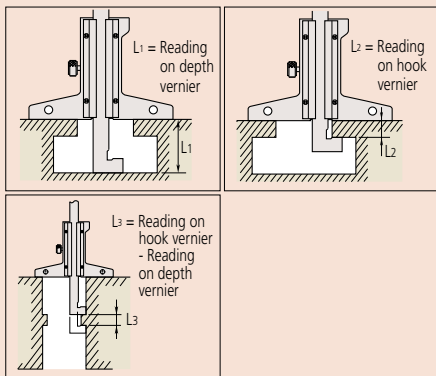


Typical applications



Optional Accessories for Digimatic Models

For details, refer to page A-27.

• Connection cables for **IT/DP/MUX**

05CZA624: SPC cable with data button (1 m)

05CZA625: SPC cable with data button (2 m)

Note: Optional connecting cable is available only for water-proof type.

• USB Input Tool Direct

06AFM380A: SPC cable for **USB-ITN-A** (2 m)

• Connecting cables for **U-WAVE-T**

02AZD790A: SPC cable with data button (160 mm)

02AZE140A: SPC cable for foot switch

Wireless Data Output U-WAVE™

• **U-WAVE-TC**: **264-620** (IP67 type)

264-621 (Buzzer type)

• **U-WAVE-TCB Transmitter**

(Mitutoyo **Bluetooth®** U-WAVE)

264-624 (IP type)

264-625 (Buzzer type)

Refer to page A-15 for details.

• Connecting unit for **U-WAVE-TC/TCB**

02AZF310 (IP67 type)

Note: IP67 model is water/dust-proofed suitable for the factory floor.

Buzzer type is not water/dust-proofed.

Refer to pages A-16 and A-18 for details.

DIMENSIONS

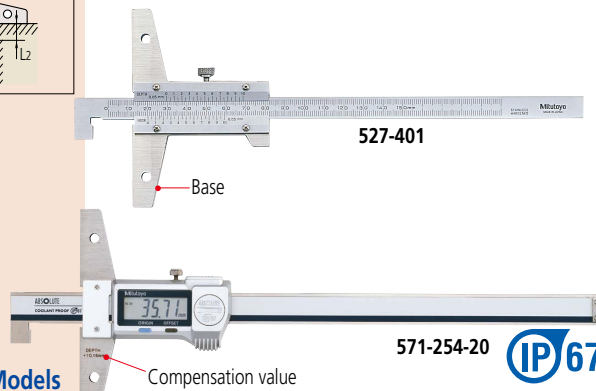
Range (mm)	L
0 - 150	249
0 - 200	299

Range (mm)	L
0 - 150	260
0 - 200	310
0 - 300	410

Range (mm)	L
0 - 150	239
0 - 200	289

Depth Gauge
SERIES 527, 571 — Hook End Type
Pin End Type

- The end of the main beam is hook-shaped to allow depth and thickness measurements of a projected portion or lip in a hole, in addition to standard depth measurement.
- Coolant proof models achieve IP67 protection level.
- Enables stable depth measurement with a resolution of 0.01 mm.
- ABSOLUTE Digital Caliper (Refer to page D-6 for ABSOLUTE function.)
- Digimatic models **571-254-20** and **571-255-20** need the compensation value (engraved on the base) added to the displayed value for correct depth measurement. However, the featured Offset function enables this to be done easily just by pressing the OFFSET button after the hook jaw is brought in contact with the base and the ORIGIN button is pressed.
- Slider operation of the Digimatic models is smooth and comfortable.
- Allows integration into statistical process control and measurement systems for models with measurement data output connector. (Refer to page A-3.)
- Battery: SR44 (1 pc), **938882**. For initial operational checks (standard accessory)
- Battery life: Approx. 5 years under normal use (for Digimatic models)
- Optional longer extension bases are available. (Refer to page D-66.)



SPECIFICATIONS

Metric				
Order No.	Range (mm): L1 (L2 and L3)	Resolution/Graduation (mm)	Base (WxT) (mm)	Maximum Permissible Error*1 (mm)/EMPE
Digimatic (LCD)				
571-254-20 *2	10.1 - 160 (0 - 150)	0.01	100x6	±0.03
571-255-20 *2	10.1 - 210 (0 - 200)			
571-301-20 *2	0 - 150			
571-302-20 *2	0 - 200			±0.02
Analog				
527-401	10 - 150 (0 - 150)	0.05	100x6.5	±0.05
527-402	10 - 200 (0 - 200)			
527-403	10 - 300 (0 - 300)			
527-411	10 - 150 (0 - 150)	0.02		±0.03
527-412	10 - 200 (0 - 200)			
527-413	10 - 300 (0 - 300)			

*1 Maximum Permissible Error, EMPE, is the term (notation) used in JIS B 7517: 2018, revised based on ISO/TR 14253-6: 2012.

*2 IP67 Coolant Proof model

Inch/Metric				
Order No.	Range: L1 (L2 and L3)	Resolution	Base (WxT) (mm)	Maximum Permissible Error*1/EMPE
Digimatic (LCD)				
571-264-20 *2	0.4 in - 6.4 in (0 - 6 in)	0.0005 in/0.01 mm	100x6	±0.0015 in/±0.03 mm
571-265-20 *2	0.4 in - 8.4 in (0 - 8 in)			
571-311-20 *2	0 - 150 mm/0 - 6 in	0.0005 in/0.01 mm		±0.001 in/±0.02 mm
571-312-20 *2	0 - 200 mm/0 - 8 in			

*1 Maximum Permissible Error, EMPE, is the term (notation) used in JIS B 7517: 2018, revised based on ISO/TR 14253-6: 2012.

*2 IP67 Coolant Proof model