

Micrometer

The origin of Mitutoyo's trustworthy brand of small tool instruments

V-Anvil Micrometers SERIES 314, 114 — 3 Flutes and 5 Flutes

MeasurLink¹ ENABLED
Data Management Software by Mitutoyo

- Measures the outside diameter of taps and reamers with an odd number of flutes.
- Measures pitch diameter: refer to "Quick Guide to Precision Measuring Instruments" on page B-72.
- Measuring faces: Carbide.
- Equipped with Ratchet Stop for constant measuring force.

B



314-251-30



114-121



114-102



114-101

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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

Technical Data

- Flatness: (series 114) 0.6 μm /0.000024 in (Spindle)
1.3 μm /0.000052 in (Anvil)
(series 314) 0.3 μm /0.000012 in (Spindle)
1.0 μm /0.00004 in (Anvil)
- Battery for series 314
SR44 (1 pc.), 938882, for initial operational checks (standard accessory)
- Battery life: Approx. 2.4 years under normal use (for series 314)
- Length standard: Electromagnetic rotary sensor (for series 314)
- Standard accessories:
Reference bar, 1 pc.
Spanner (301336), 1 pc.

Optional Accessories

- Connecting cables for series 314
1 m: 05CZA662
2 m: 05CZA663
- USB Input Tool Direct
USB-ITN-B (2 m): 06AFM380B
- U-WAVE-T dedicated connection cable
160 mm: 02AZD790B
For foot switch: 02AZE140B
Refer to page A-27 for details.

Wireless Data Output U-WAVE^{fit}

- U-WAVE-TM 264-622 (IP67 type)
264-623 (Buzzer type)
- U-WAVE-TMB Transmitter
Mitutoyo Bluetooth[®] U-WAVE
264-626 (IP type)
264-627 (Buzzer type)
Refer to page A-16 for details.
- Connecting unit for U-WAVE-TM/TMB
02AZF310 (IP67/buzzer type common specification)
Refer to pages A-16 and A-18 for details.



