Micrometer

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

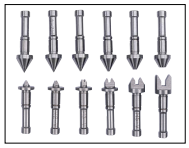
Screw Thread Micrometers SERIES 326, 126 — Interchangeable Anvil/Spindle Tip Type

MeasurLink® ENABLED
Data Management Software by Mitutoyo

- Use by installing a suitable interchangeable anvil/spindle tip pair.
- Direct reading of screw pitch diameter (no need for calculation).
- **Series 326** is a protection grade IP65, waterproof Digimatic screw thread micrometer with interchangeable anvil/spindle tip.
- Equipped with Ratchet Stop for constant measuring force.
- Supplied with a setting standard for adjusting zero point for metric (unified) 60° threads.
- Interchangeable anvils/spindle tips are optional.

326-251-30

126-125



Interchangeable anvils/spindle tips (optional)

SPECIFICATIONS

Metric

Order No.	Range (mm)	Resolution (mm)	Spindle feed error (µm)
Digimatic (LCD)			
326-251-30	0 - 25	0.001	3
326-252-30	25 - 50		
326-253-30	50 - 75		
326-254-30	75 - 100		

Inch/Metric

Order No.	Range (in)	Resolution	Spindle feed error (in)
Digimatic (LCD)			
326-351-30	0 - 1	0.00005 in/ 0.001 mm	0.00015
326-352-30	1 - 2		
326-353-30	2 - 3		
326-354-30	3 - 4		

Metric

Order No.	Range (mm)	Graduation (mm)	Spindle feed error (µm)
Analog			
126-125	0 - 25	0.01	3
126-126	25 - 50		
126-127	50 - 75		
126-128	75 - 100		
126-129	100 - 125		
126-130	125 - 150		
126-131	150 - 175		
126-132	175 - 200		
126-133	200 - 225		
126-134	225 - 250		
126-135	250 - 275		
126-136	275 - 300		

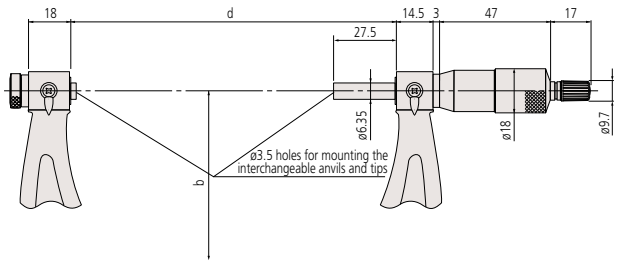
Inch

Order No.	Range (in)	Graduation (in)	Spindle feed error (in)
Analog			
126-137	0 - 1	0.001	0.00015
126-138	1 - 2		
126-139	2 - 3		
126-140	3 - 4		
126-141	4 - 5		
126-142	5 - 6		
126-143	6 - 7		

Note 1: A matching setting standard is supplied with each model (except for 0 - 25 mm measuring range). (Refer to page B-61 for details.)
The setting standard is for metric threads (unified) 60°.
Note 2: For functional details of **series 326**, refer to page B-8. Please note that origin setting of these models is by presetting.
Optional connecting cable is available only for water-proof type (Digimatic model).

DIMENSIONS

Unit: mm



Range (mm)	b	d
0 - 25	25	39
25 - 50	32	64
50 - 75	45	89.5
75 - 100	65	115.1
100 - 125	79	140.1
125 - 150	93	165.1
150 - 175	105	190
175 - 200	118	214
200 - 225	131	240
225 - 250	144	265
250 - 275	156	290
275 - 300	169	314

MeasurLink® ENABLED
Data Management Software by Mitutoyo

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).

IP65

These marks indicate that a product has successfully passed IP65-level testing, which is carried out by the independent German certification organization TÜV Rheinland.

TÜVRheinland® CERTIFIED
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ID 0000040191

IP Codes (series 326)

Level 6: Dust-proof. No ingress of dust allowed.
Level 5: Protected against water jets.
Water projected in jets against the enclosure from any direction shall have no harmful effects.

Technical Data

- Battery for **series 326**
  SR44 (1 pc.), **938882**, for initial operational checks (standard accessory)
- Battery life: Approx. 2.4 years under normal use (for **series 326**)
- Length standard: Electromagnetic rotary sensor (for **series 326**)

Standard Accessories

Spanner (**301336**), 1 pc.

Optional Accessories for Series 326

- Connecting cables
  1 m: **05CZA662** 2 m: **05CZA663**
- USB Input Tool Direct
  USB-ITN-B (2 m): **06AFM380B**

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.

Optional Accessories

Sets of interchangeable anvils/spindle tips

- For Metric/Unified threads (pair)

Order No.	Matching anvils/spindle tips included (mm)
126-801	0.4 - 0.5/64 - 48TPI
126-802	0.6 - 0.9/44 - 28TPI
126-803	1 - 1.75/24 - 14TPI
126-804	2 - 3/13 - 9TPI
126-805	3.5 - 5/8 - 5TPI
126-806	5.5 - 7/4.5 - 3.5TPI
126-800	Set with one each of **126-801** to **126-806**

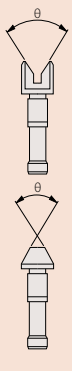
- For Whitworth threads (pair)

Order No.	Matching anvils/spindle tips included (mm)
126-811	64 - 48TPI
126-812	48 - 40TPI
126-813	40 - 32TPI
126-814	32 - 24TPI
126-815	24 - 18TPI
126-816	18 - 14TPI

Order No.	Matching anvils/spindle tips included (mm)
126-817	14 - 10TPI
126-818	10 - 7TPI
126-819	7 - 4.5TPI
126-820	4.5 - 3.5TPI
126-810	Set with one each of **126-811** to **126-820**

Technical description

- Anvils/spindle tips



- Allowable error of the angle of anvils and spindle tips

Type	Metric (Unified)	Whitworth (Unified)	Half angle error
Pitch (mm), Nominal designation of threads per inch		W1	±30'
	M1 (U1)	W2	±30'
		W3	±20'
	M2 (U2)	W4	±20'
		W5	±15'
	M3 (U3)	W6	±15'
	M4 (U4)	W7	±10'
		W8	±10'
	M5 (U5)	W9	±10'
	M6 (U6)	W10	±10'

Note: This chart indicates the difference between the angle made by anvil's contact faces and spindle's axes and the half angle with error α.
Metric/Unified θ=60°
Whitworth θ=55°

Mitutoyo reserves the right to change any or all aspects of any product specification, including prices, designs and service content, without notice.