MeasurLink® ENABLED Data Management Software by Mitutoyo

U-WAVE fit

IP65

Dust- and Water-Protected

TÜVRheinland CERTIFIED www.tuv.com ID 0000040191

Applicable models: **series 326**

Measurement example



Optional Accessories (for series 326)

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type **IT-020U**
05CZA662	B	Connection cable (1 m)
05CZA663	B	Connection cable (2 m)
06AFM380B	B	USB Input Tool Direct (2 m)
02AZD790B	B	Connection cable for **U-WAVE-T** (160 mm)
02AZE140B	B	Connection cable for **U-WAVE-T** For foot switch
264-622	IP67	**U-WAVE-TM**
264-623	Buzzer	**U-WAVE-TM**
264-626	IP67	**U-WAVE-TMB**
264-627	Buzzer	**U-WAVE-TMB**
02AZF310	IP67	Connecting unit for **U-WAVE-TM/TMB**

• For Metric/Unified threads (pair)

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

• For Whitworth threads (pair)

Code No.	Matching anvils/spindle tips included (mm)	Code No.	Matching anvils/spindle tips included (mm)
126-811	64 - 48 TPI	**126-817**	14 - 10 TPI
126-812	48 - 40 TPI	**126-818**	10 - 7 TPI
126-813	40 - 32 TPI	**126-819**	7 - 4.5 TPI
126-814	32 - 24 TPI	**126-820**	4.5 - 3.5 TPI
126-815	24 - 18 TPI	**126-810**	Set with one each of **126-811** to **126-820**
126-816	18 - 14 TPI		

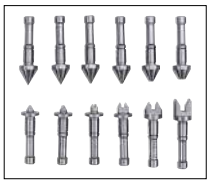
Screw Thread Micrometers
SERIES 326, 126 — Interchangeable Anvil/Spindle Tip Type

- This is a screw thread micrometer with changeable anvil and spindle tips. It enables direct reading of screw pitch diameter. Both analog and digital types are available.
- Interchangeable anvil and spindle tips are optional. Select the right model to meet the specifications of your screw thread.
- Equipped with Ratchet Stop for constant measuring force.
- Supplied with a setting standard for adjusting zero point for metric (unified) 60° threads.



326-251-30

Interchangeable anvils/ spindle tips (optional)



SPECIFICATIONS

Metric

Code No.	Range (mm)	Resolution (mm)	Spindle feed error (µm)
With SPC data output			
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

Code No.	Range (in)	Resolution	Spindle feed error (in)
With SPC data output			
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		

- Power source: SR44 battery (1 pc.), **938882** included as standard (for operational checks)
- Battery life: Approx. 2.4 years under normal use
- Position detection method: Electromagnetic rotary sensor
- Standard Accessories: Spanner (**301336**), 1 pc.

Note 1: A matching setting standard is supplied with each model (except for 0 to 25 mm measuring range). (Refer to page 02-73 for details.) The setting standard is for metric threads (unified) 60°.

Note 2: For functional details, refer to page 02-7. Please note that origin setting of these models is by presetting. Optional connection cable is available only for water-proof type (Digimatic model).



126-125

SPECIFICATIONS

Metric

Code No.	Range (mm)	Graduation (mm)	Spindle feed error (µm)
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

Code No.	Range (in)	Graduation (in)	Spindle feed error (in)
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		
126-901	0 - 1		
126-902	1 - 2		
126-903	2 - 3		
126-904	3 - 4		
126-905	4 - 5		
126-906	5 - 6		

- Standard Accessories: Spanner (**301336**), 1 pc.

Note: A matching setting standard is supplied with each model (except for 0 to 25 mm measuring range). (Refer to page 02-73 for details.) The setting standard is for metric threads (unified) 60°.

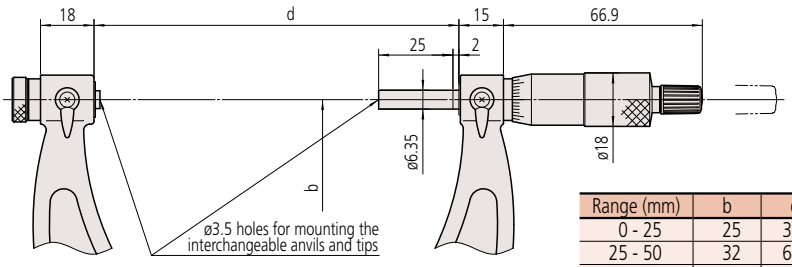
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Screw Thread Micrometers
SERIES 326, 126 — Interchangeable Anvil/Spindle Tip Type

DIMENSIONS

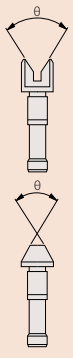
Unit: mm



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

Technical description

- Anvils/spindle tips



- Allowable error of the angle of anvils and spindle tips

Type	Metric (Unified)	Whitworth (Unified)	Half angle error α
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°

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