

# SCREW THREAD MICROMETERS

NON-ROTATING SPINDLE

5

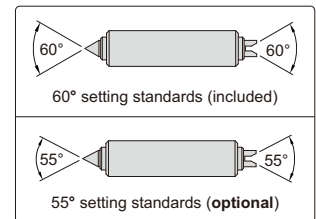
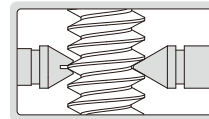


**3281-25A**  
(measuring tips are optional)



**3281-S25**  
(measuring tips are included)

- Measure pitch diameter of screw threads
- Graduation 0.01mm
- Non-rotating spindle
- Ratchet stop
- Supplied with 60° setting standards (except 0-25mm)
- Optional accessory: 55° setting standards



**Measuring tips are optional (mm)**

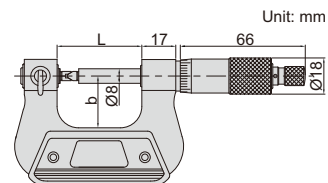
Code	Range	L	b	55° setting standard (optional)
3281-25A	0-25mm	42	26	—
3281-50A	25-50mm	67	38	3281-SP1
3281-75A	50-75mm	92	50	3281-SP2
3281-100A	75-100mm	117.6	62	3281-SP3
3281-125A	100-125mm	143	70	3281-SP4
3281-150A	125-150mm	168.2	82	3281-SP5
3281-175A	150-175mm	192	94.5	3281-SP6
3281-200A	175-200mm	217	107	3281-SP7

**Measuring tips are included (mm)**

Code	Range	L	b	Measuring tips (included)	55° setting standard (optional)
3281-S25	0-25mm	42	26	6 pairs of measuring tips: metric and unified thread (60° thread angle)	—
3281-S50	25-50mm	67	38	0.4-0.5mm/64-48TPI,	3281-SP1
3281-S75	50-75mm	92	50	0.6-0.9mm/44-28TPI,	3281-SP2
3281-S100	75-100mm	117.6	62	1-1.75mm/24-14TPI,	3281-SP3
3281-S125	100-125mm	143	70	2-3mm/13-9TPI,	3281-SP4
3281-S150	125-150mm	168.2	82	3.5-5mm/8-5TPI,	3281-SP5
3281-S175	150-175mm	192	94.5	5.5-7mm/4.5-3.5TPI	3281-SP6
3281-S200	175-200mm	217	107		3281-SP7

**accuracy of micrometers with tips (mm)**

Pitch	Range					
	0-25	25-50	50-75	75-100	100-125	125-200
0.4~0.5	±0.01	-	-	-	-	-
0.6~0.8	±0.01	±0.013	-	-	-	-
1~1.25	±0.012	±0.015	±0.017	±0.017	-	-
1.5~2.0	±0.014	±0.017	±0.019	±0.019	±0.020	±0.023
2.5~3.5	±0.016	±0.019	±0.021	±0.021	±0.023	±0.025
4.0~7.0	-	±0.021	±0.023	±0.023	±0.025	±0.028



DATA  
OUTPUT

NON-ROTATING  
SPINDLE

## DIGITAL SCREW THREAD MICROMETERS

5



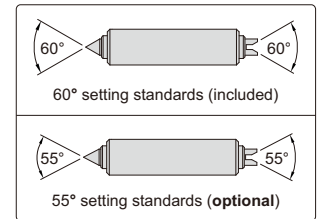
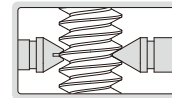
**3581-25A**  
(measuring tips are optional)



**3581-S50**  
(measuring tips are included)



- Measure pitch diameter of screw threads
- Resolution 0.001mm/0.00005"
- Button function: on/off, set, mm/inch, ABS/INC
- Data output
- Automatic power off
- Non-rotating spindle
- Ratchet stop
- Supplied with 60° setting standards (except 0-25mm/0-1")
- Optional accessory: 55° setting standards, data output cable (code **7315-30**, **7302-30**)



Measuring tips are optional (mm)

Code	Range	L	b	55° setting standard (optional)
3581-25A	0-25mm/0-1"	42	26	-
3581-50A	25-50mm/1-2"	67	38	3281-SP1
3581-75A	50-75mm/2-3"	92	50	3281-SP2
3581-100A	75-100mm/3-4"	117.6	62	3281-SP3
3581-125A	100-125mm/4-5"	143	70	3281-SP4
3581-150A	125-150mm/5-6"	168.2	82	3281-SP5
3581-175A	150-175mm/6-7"	192	94.5	3281-SP6
3581-200A	175-200mm/7-8"	217	107	3281-SP7

Measuring tips are included (mm)

Code	Range	L	b	Measuring tips (included)	55° setting standard (optional)
3581-S25	0-25mm/0-1"	42	26	6 pairs of measuring tips: metric and unified thread (60° thread angle) 0.4-0.5mm/64-48TPI, 0.6-0.9mm/44-28TPI, 1-1.75mm/24-14TPI, 2-3mm/13-9TPI, 3.5-5mm/8-5TPI, 5.5-7mm/4.5-3.5TPI	-
3581-S50	25-50mm/1-2"	67	38		3281-SP1
3581-S75	50-75mm/2-3"	92	50		3281-SP2
3581-S100	75-100mm/3-4"	117.6	62		3281-SP3
3581-S125	100-125mm/4-5"	143	70		3281-SP4
3581-S150	125-150mm/5-6"	168.2	82		3281-SP5
3581-S175	150-175mm/6-7"	192	94.5		3281-SP6
3581-S200	175-200mm/7-8"	217	107		3281-SP7

accuracy of micrometers with tips (mm)

Pitch	Range					
	0-25	25-50	50-75	75-100	100-125	125-200
0.4~0.5	±0.01	-	-	-	-	-
0.6~0.8	±0.01	±0.013	-	-	-	-
1~1.25	±0.012	±0.015	±0.017	±0.017	-	-
1.5~2.0	±0.014	±0.017	±0.019	±0.019	±0.020	±0.023
2.5~3.5	±0.016	±0.019	±0.021	±0.021	±0.023	±0.025
4.0~7.0	-	±0.021	±0.023	±0.023	±0.025	±0.028

