

NON-ROTATING  
SPINDLE

# SCREW THREAD MICROMETERS



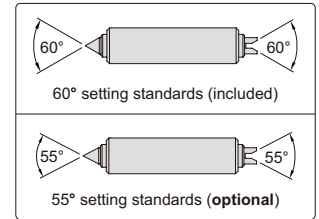
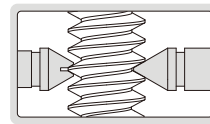
**3281-25A**  
(measuring tips are optional)



**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)

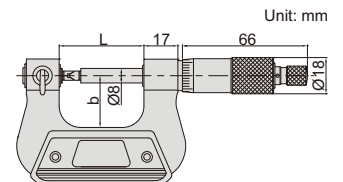
| Code      | Range     | L     | b    | 55° setting standard (optional) |
|-----------|-----------|-------|------|---------------------------------|
| 3281-25A  | 0-25mm    | 42    | 26   | -                               |
| 3281-50A  | 25-50mm   | 67    | 38   | 3281-SP1                        |
| 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                        |
| 3281-225A | 200-225mm | 242   | 130  | 3281-SP8                        |
| 3281-250A | 225-250mm | 267   | 142  | 3281-SP9                        |
| 3281-275A | 250-275mm | 291   | 155  | 3281-SP10                       |
| 3281-300A | 275-300mm | 317   | 167  | 3281-SP11                       |

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)<br>0.4-0.5mm/64-48TPI,<br>0.6-0.9mm/44-28TPI,<br>1-1.75mm/24-14TPI,<br>2-3mm/13-9TPI,<br>3.5-5mm/8-5TPI,<br>5.5-7mm/4.5-3.5TPI | -                               |
| 3281-S50  | 25-50mm   | 67    | 38   |  | 3281-SP1                        |
| 3281-S75  | 50-75mm   | 92    | 50   |  | 3281-SP2                        |
| 3281-S100 | 75-100mm  | 117.6 | 62   |  | 3281-SP3                        |
| 3281-S125 | 100-125mm | 143   | 70   |  | 3281-SP4                        |
| 3281-S150 | 125-150mm | 168.2 | 82   |  | 3281-SP5                        |
| 3281-S175 | 150-175mm | 192   | 94.5 |  | 3281-SP6                        |
| 3281-S200 | 175-200mm | 217   | 107  |  | 3281-SP7                        |
| 3281-S225 | 200-225mm | 242   | 130  |  | 3281-SP8                        |
| 3281-S250 | 225-250mm | 267   | 142  |  | 3281-SP9                        |
| 3281-S275 | 250-275mm | 291   | 155  |  | 3281-SP10                       |
| 3281-S300 | 275-300mm | 317   | 167  | 3281-SP11  |                                 |

accuracy of micrometers with tips (mm)

| Pitch   | Range  |        |        |        |         |         |         |         |
|---------|--------|--------|--------|--------|---------|---------|---------|---------|
|         | 0-25   | 25-50  | 50-75  | 75-100 | 100-125 | 125-200 | 200-225 | 225-300 |
| 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  | ±0.025  | ±0.028  |
| 2.5~3.5 | ±0.016 | ±0.019 | ±0.021 | ±0.021 | ±0.023  | ±0.025  | ±0.028  | ±0.031  |
| 4.0~7.0 | -      | ±0.021 | ±0.023 | ±0.023 | ±0.025  | ±0.028  | ±0.031  | ±0.033  |



Unit: mm