# SERIES 333 DIGITAL SCREW THREAD MICROMETER

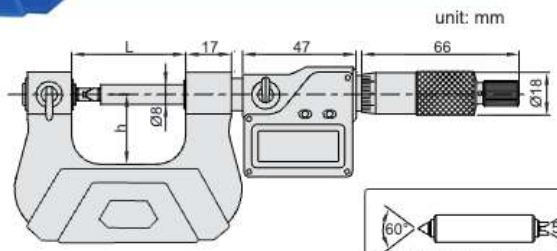
Data output

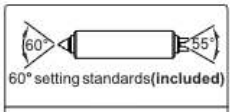
- Measure pitch diameter of screw threads
- Resolution 0.001mm/0.00005"
- Button: on/off, set, mm/inch, ABS/INC, data output
- Automatic power off
- Data output
- Non-rotating spindle
- Ratchet stop
- Supplied with 60° setting standards (except **333-001-01**)
- Optional accessory: 55° setting standards




**333-001-01**

unit: mm



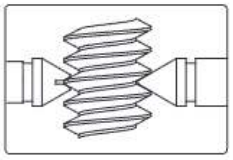

60° setting standards**(included)**




55° setting standards**(optional)**

Setting standards



| Code | Range | Micrometer head accuracy | L | h | Setting standards (included) |
|---|---|---|---|---|---|
| **333-001-01** | 0-25mm/0-1" | ±4μm | 42 | 26 | - |
| **333-002-01** | 25-50mm/1-2" | ±4μm | 67 | 38 | 25mm |
| **333-003-01** | 50-75mm/2-3" | ±5μm | 92 | 50 | 50mm |
| **333-004-01** | 75-100mm/3-4" | ±5μm | 117.6 | 62 | 75mm |
| **333-005-01** | 100-125mm/4-5" | ±6μm | 143 | 70 | 100mm |
| **333-006-01** | 125-150mm/5-6" | ±6μm | 168 | 82 | 125mm |
| **333-007-01** | 150-175mm/6-7" | ±7μm | 192 | 94.5 | 150mm |
| **333-008-01** | 175-200mm/7-8" | ±7μm | 217 | 107 | 175mm |
| **333-009-01** | 200-225mm/8-9" | ±8μm | 242 | 130 | 200mm |
| **333-010-01** | 225-250mm/9-10" | ±8μm | 267 | 142 | 225mm |
| **333-011-01** | 250-275mm/10-11" | ±9μm | 291 | 155 | 250mm |
| **333-012-01** | 275-300mm/11-12" | ±9μm | 317 | 167 | 275mm |

Accuracy of micrometers with tips

| Pitch | Range (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 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 |