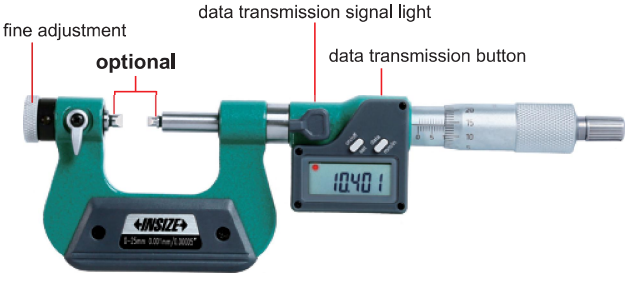
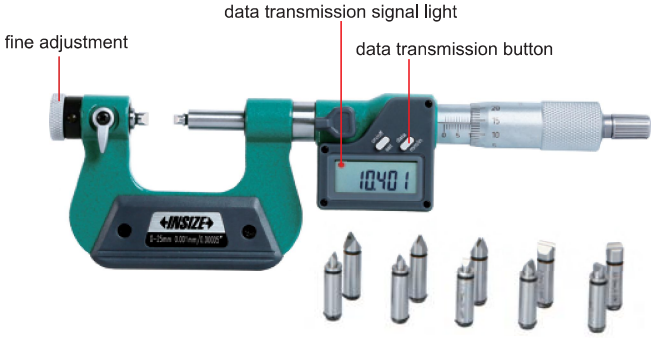
DIGITAL SCREW THREAD MICROMETERS

DATA OUTPUT

NON-ROTATING SPINDLE



3581-25A
(measuring tips are optional)



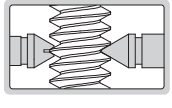
3581-S25
(measuring tips are included)

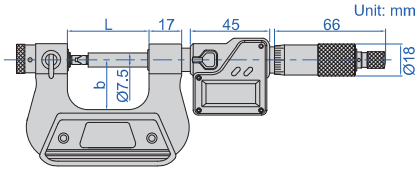
Measuring tips are optional, with data interface (optional wireless transmitter code 7315-31, receiver is needed)

(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
3581-225A	200-225mm/8-9"	242	130	3281-SP8
3581-250A	225-250mm/9-10"	267	142	3281-SP9
3581-275A	250-275mm/10-11"	291	155	3281-SP10
3581-300A	275-300mm/11-12"	317	167	3281-SP11

- Measure pitch diameter of screw threads
- Resolution 0.001mm/0.00005" (for range 0-250mm), 0.001mm/0.0001" (for range 250-300mm)
- Button function: on/off, set, mm/inch, data transmit
- Data output
- Automatic power off
- Non-rotating spindle
- Ratchet stop
- Anvil with fine adjustment
- Supplied with 60° setting standards (except 0-25mm/0-1")
- Power:
  with data interface: CR2032
  built-in wireless: rechargeable lithium battery
- Optional accessory: 55° setting standards

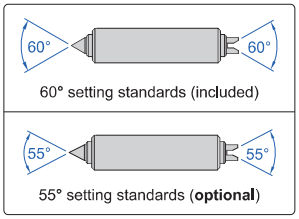




Measuring tips are included, with data interface (optional wireless transmitter code 7315-31, receiver is needed)

(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
3581-S225	200-225mm/8-9"	242	130		3281-SP8
3581-S250	225-250mm/9-10"	267	142		3281-SP9
3581-S275	250-275mm/10-11"	291	155		3281-SP10
3581-S300	275-300mm/11-12"	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

Built-in wireless (receiver code 7315-2/3/6/7/8/9 is needed)

Code
3581-□□□□WL

Code examples:

Original code	Wireless code
3581-25A	3581-25AWL
3581-S25	3581-S25WL