

SCREW THREAD MICROMETERS

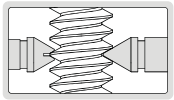


3281-1
(measuring tips are optional)

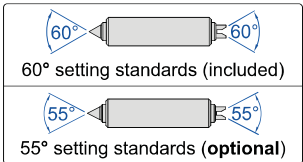


3281-S1
(measuring tips are included)

NON-ROTATING
SPINDLE



- Measure pitch diameter of screw threads
- Graduation .001"
- Non-rotating spindle
- Ratchet stop
- Supplied with 60° setting standards
- Optional accessory: 55° setting standards, measuring tips (part no. **7381**)



Measuring tips are optional

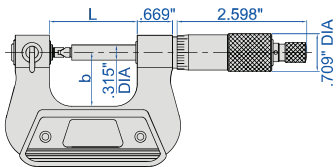
Part No.	Range	L	b	55° setting standard (optional)
3281-1	0-1"	1.654"	1.024"	—
3281-2	1-2"	2.638"	1.496"	3281-SPE1
3281-3	2-3"	3.622"	1.969"	3281-SPE2
3281-4	3-4"	4.630"	2.441"	3281-SPE3
3281-5	4-5"	5.630"	2.756"	3281-SPE4
3281-6	5-6"	6.622"	3.228"	3281-SPE5
3281-7	6-7"	7.559"	3.720"	3281-SPE6
3281-8	7-8"	8.543"	4.213"	3281-SPE7
3281-9	8-9"	9.528"	5.118"	3281-SPE8
3281-10	9-10"	10.512"	5.591"	3281-SPE9
3281-11	10-11"	11.457"	6.102"	3281-SPE10
3281-12	11-12"	12.480"	6.575"	3281-SPE11

Measuring tips are included

Part No.	Range	Unified and metric thread	55° setting standard (optional)
3281-S1	0-1"	6 pairs of measuring tips: metric and unified thread (60° thread angle) 64-48TPI/0.4-0.5mm 44-28TPI/0.6-0.9mm 24-14TPI/1-1.75mm 13-9TPI/2-3mm 8-5TPI/3.5-5mm 4.5-3.5TPI/5.5-7mm	—
3281-S2	1-2"		3281-SPE1
3281-S3	2-3"		3281-SPE2
3281-S4	3-4"		3281-SPE3
3281-S5	4-5"		3281-SPE4
3281-S6	5-6"		3281-SPE5
3281-S7	6-7"		3281-SPE6
3281-S8	7-8"		3281-SPE7
3281-S9	8-9"		3281-SPE8
3281-S10	9-10"		3281-SPE9
3281-S11	10-11"		3281-SPE10
3281-S12	11-12"		3281-SPE11

accuracy of micrometers with tips

Pitch	Range						
	0-1"	1-2"	2-3"	3-4"	4-5"	5-8"	8-9"
64~48TPI	±.00040"	-	-	-	-	-	-
44~32TPI	±.00040"	±.00050"	-	-	-	-	-
28~20TPI	±.00045"	±.00060"	±.00065"	±.00065"	-	-	-
18~13TPI	±.00055"	±.00065"	±.00075"	±.00075"	±.00080"	±.00090"	±.00098"
12~7TPI	±.00065"	±.00075"	±.00085"	±.00085"	±.00090"	±.00100"	±.00110"
6~3.5TPI	-	±.00085"	±.00090"	±.00090"	±.00100"	±.00110"	±.00122"

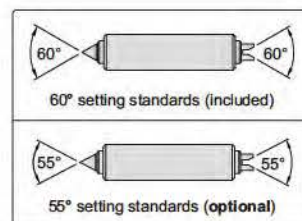
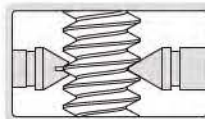


NON-ROTATING
SPINDLE

SCREW THREAD MICROMETERS



- 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) 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	—
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

