

Mechanical Internal Micrometer



XTA SERIES

Bowers XT Analogue Internal Micrometers are an economical solution to accurate shop-floor bore measurement. Their wide application range, 2 - 300mm, rugged construction and easy to read scale, ensures both accuracy and ease of use. XT measuring heads are supplied with UKAS certification.

TECHNICAL SPECIFICATIONS: Individual Instruments supplied with Setting Ring

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Accuracy		Depth		Setting Ring	
				(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
XTA1M	2-2.5	XTA1i	0.080-0.100"	0.004	0.00015"	9	0.35"	2.50	0.1000"
XTA2M	2.5-3	XTA2i	0.100-0.120"	0.004	0.00015"	9	0.35"	2.50	0.1000"
XTA3M	3-4	XTA3i	0.120-0.160"	0.004	0.00015"	12	0.47"	4.00	0.1600"
XTA4M	4-5	XTA4i	0.160-0.200"	0.004	0.00015"	18	0.70"	4.00	0.1600"
XTA5M	5-6	XTA5i	0.200-0.250"	0.004	0.00015"	18	0.70"	5.00	0.2000"
XTA6M	6-8	XTA6i	1/4-5/16"	0.004	0.00015"	58	2.28"	8.00	0.3125"
XTA8M	8-10	XTA8i	5/16-3/8"	0.004	0.00015"	58	2.28"	8.00	0.3125"
XTA10M	10-12.5	XTA10i	3/8-1/2"	0.004	0.00015"	58	2.28"	12.50	0.500"
XTA12M	12.5-16	XTA12i	1/2-5/8"	0.004	0.00015"	62	2.44"	12.50	0.500"
XTA16M	16-20	XTA16i	5/8-3/4"	0.004	0.00015"	62	2.44"	20.00	0.750"
XTA20M	20-25	XTA20i	3/4-1"	0.004	0.00015"	66	2.62"	20.00	0.750"
XTA25M	25-35	XTA25i	1-1 3/8"	0.004	0.00015"	66	2.62"	35.00	1.375"
XTA35M	35-50	XTA35i	1 3/8-2"	0.004	0.00015"	80	3.15"	35.00	1.375"
XTA50M	50-65	XTA50i	2-2 5/8"	0.005	0.00020"	80	3.15"	65.00	2.625"
XTA65M	65-80	XTA65i	2 5/8-3 1/4"	0.005	0.00020"	80	3.15"	65.00	2.625"
XTA80M	80-100	XTA80i	3 1/4-4"	0.005	0.00020"	100	3.94"	80.00	3.250"
XTA100M	100-125	XTA100i	4-5"	0.006	0.00025"	115	4.53"	125.00	5.000"
XTA125M	125-150	XTA125i	5-6"	0.006	0.00025"	115	4.53"	125.00	5.000"
XTA150M	150-175	XTA150i	6-7"	0.007	0.00030"	115	4.53"	175.00	7.000"
XTA175M	175-200	XTA175i	7-8"	0.007	0.00030"	115	4.53"	175.00	7.000"
XTA200M	200-225	XTA200i	8-9"	0.008	0.00030"	118	4.65"	225.00	9.000"
XTA225M	225-250	XTA225i	9-10"	0.008	0.00030"	118	4.65"	225.00	9.000"
XTA250M	250-275	XTA250i	10-11"	0.009	0.00035"	118	4.65"	275.00	11.000"
XTA275M	275-300	XTA275i	11-12"	0.009	0.00035"	118	4.65"	275.00	11.000"

FEATURES

- Range 2 - 300 mm (0.080" -12")
- 2 - 6 mm: 2 point / 6 - 300 mm: 3 point measurement
- Graduation 2-6 mm: 0.001 mm, 6-300 mm: 0.005 mm
- Tungsten carbide measuring faces on all 3-point heads from 12.5 mm
- Blind bore measurement from 2 mm-6 mm and above 12.5 mm (0.500")
- Extensions available above 6 mm for deep hole measurement
- Ratchet stop to ensure consistent measurement
- Setting rings included with individual instruments and sets
- UKAS certificate supplied as standard with all XT mechanical micrometers
- Serial number on all gauges
- Internal Micrometer manufactured according to DIN 863, part 4
- After sales service



SETS: Supplied with analogue internal micrometers and setting rings

Range (mm)	Code No	Range (inch)	Code No
2-3mm	SXTA1M	0.080-0.120"	SXTA1i
3-6mm	SXTA2M	0.120-0.25"	SXTA2i
6-10mm	SXTA3M	1/4-3/8"	SXTA3i
10-20mm	SXTA4M	3/8-3/4"	SXTA4i
20-50mm	SXTA5M	3/4-2"	SXTA5i
50-100mm	SXTA6M	2-4"	SXTA6i
100-150mm	SXTA7M	4-6"	SXTA7i
150-200mm	SXTA8M	6-8"	SXTA8i

EXTENSIONS:

Code No.	Length		To Fit Heads	
	mm	inch	mm	inch
EGX 0200	63	2.5"	6-10	1/4-3/8"
EGX 0400	76	3.0"	10-12.5	3/8-1/2"
EGX 0500	100	4.0"	12.5-20	1/2-3/4"
EGX 0001	150	6.0"	20-50	3/4-2"
EGX 0004	150	6.0"	50-300	2-12"

