

Analogue Bore Gauges

Bowers XT Analogue Bore Gauges are an economical solution to accurate shop-floor bore measurement. The extended mechanical travel of these advanced two or three point gauges ensures that exchanging measuring anvils is now unnecessary. Their wide application range, 2-300mm, rugged construction and easy read scale, ensure both accuracy and ease of use. XT measuring heads and setting rings are supplied with UKAS certification.



Features

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

XT SERIES SETTING RINGS

Code No	Setting Rings	
	(mm)	(inch)
XTR3M(I)	2.5	0.1000
XTR5M(I)	4.00	0.1600
XTR7M(I)	5.00	0.2000
XTR8M(I)	8.00	0.312
XTR12M(I)	12.50	0.500
XTR20M(I)	20.00	0.750
XTR35M(I)	35.00	1.375
XTR65M(I)	65.00	2.625
XTR80M(I)	80.00	3.250
XTR125M(I)	125.00	5.000
XTR175M(I)	175.00	7.000
XTR225M(I)	225.00	9.000
XTR275M(I)	275.00	11.000

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TECHNICAL SPECIFICATION: Individual instruments supplied with setting ring and UKAS

Code No	Range (mm)	Code No	Range (inch)	Accuracy (mm)	Accuracy (inch)	Depth (mm)	Depth (inch)	Setting Ring (mm)	Setting Ring (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	0.312
XTA8M	8-10	XTA8i	5/16-3/8	0.004	0.00015	58	2.28	8.00	0.312
XTA10M	10-12.5	XTA10i	3/8-1/2	0.004	0.00012	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

SETS: Supplied with individual instrument, setting rings and UKAS

Range (mm)	Code No	Measuring Heads	Setting Rings	Range (inch)	Code No
2-3	SXTA1M	2	1	0.080-0.120	SXTA1i
3-6	SXTA2M	3	2	0.120-0.250	SXTA2i
6-10	SXTA3M	2	1	1/4-3/8	SXTA3i
10-20	SXTA4M	3	2	3/8-3/4	SXTA4i
20-50	SXTA5M	3	2	3/4-2	SXTA5i
50-100	SXTA6M	3	2	2-4	SXTA6i
100-150	SXTA7M	2	1	4-6	SXTA7i
150-200	SXTA8M	2	1	6-8	SXTA8i



EXTENSIONS

Code No	Length (mm)	Length (inch)	To Fit Heads (mm)	To Fit Heads (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

