

XTA Analogue Bore Gauges

Bowers XT Analogue Bore Gauges are an economical solution to accurate shop-floor bore measurement. 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 – 300 mm (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 12.5 mm (0.500")
- Extensions available above \varnothing 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

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Technical specifications: Individual instruments supplied with setting ring

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Accuracy (mm) (inch)	Depth (mm) (inch)	Setting Ring (mm) (inch)
XTA1M	2-2.5	XTA1i	.080-.100	0.004 0.00015	9 0.35	2.50 0.1000
XTA2M	2.5-3	XTA2i	.100-.120	0.004 0.00015	9 0.35	2.50 0.1000
XTA3M	3-4	XTA3i	.120-.160	0.004 0.00015	12 0.47	4.00 0.1600
XTA4M	4-5	XTA4i	.160-.200	0.004 0.00015	18 0.70	4.00 0.1600
XTA5M	5-6	XTA5i	.200-.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 .312
XTA8M	8-10	XTA8i	5/16 - 3/8	0.004 0.00015	58 2.28	8.00 .312
XTA10M	10-12.5	XTA10i	3/8 - 1/2	0.004 0.00012	58 2.28	12.50 .500
XTA12M	12.5-16	XTA12i	1/2 - 5/8	0.004 0.00015	62 2.44	12.50 .500
XTA16M	16-20	XTA16i	5/8 - 3/4	0.004 0.00015	62 2.44	20.00 .750
XTA20M	20-25	XTA20i	3/4 - 1	0.004 0.00015	66 2.62	20.00 .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	XTA200i	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

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 mm	inch	To fit heads 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

