

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		Price (£)
	(mm)	(inch)	
XTR3M(I)	2.5	0.1000	£75.00 Q
XTR5M(I)	4.00	0.1600	£75.00 Q
XTR7M(I)	5.00	0.2000	£75.00 Q
XTR8M(I)	8.00	0.312	£53.00 Q
XTR12M(I)	12.50	0.500	£53.00 Q
XTR20M(I)	20.00	0.750	£67.00 Q
XTR35M(I)	35.00	1.375	£74.00 Q
XTR65M(I)	65.00	2.625	£94.00 Q
XTR80M(I)	80.00	3.250	£101.00 Q
XTR125M(I)	125.00	5.000	£153.00 Q
XTR175M(I)	175.00	7.000	£197.00 Q
XTR225M(I)	225.00	9.000	£332.00 Q
XTR275M(I)	275.00	11.000	£361.00 Q

(I) = Imperial option

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TECHNICAL SPECIFICATIONS: Individual instruments supplied with setting ring and UKAS

Code No	Range (mm)	Price (£)	Code No	Range (inch)	Price (£)	Accuracy (mm)	Accuracy (inch)	Depth (mm)	Depth (inch)	Setting Ring (mm)	Setting Ring (inch)
XTA1M	2 - 2.5	£453.00 C	XTA1i	0.080 - 0.100	£453.00 C	0.004	0.00015	9	0.35	2.50	0.1000
XTA2M	2.5 - 3	£453.00 C	XTA2i	0.100 - 0.120	£453.00 C	0.004	0.00015	9	0.35	2.50	0.1000
XTA3M	3 - 4	£405.00 C	XTA3i	0.120 - 0.160	£405.00 C	0.004	0.00015	12	0.47	4.00	0.1600
XTA4M	4 - 5	£405.00 C	XTA4i	0.160 - 0.200	£405.00 C	0.004	0.00015	18	0.70	4.00	0.1600
XTA5M	5 - 6	£405.00 C	XTA5i	0.200 - 0.250	£405.00 C	0.004	0.00015	18	0.70	5.00	0.2000
XTA6M	6 - 8	£188.00 C	XTA6i	1/4 - 5/16	£188.00 C	0.004	0.00015	58	2.28	8.00	0.312
XTA8M	8 - 10	£195.00 C	XTA8i	5/16 - 3/8	£195.00 C	0.004	0.00015	58	2.28	8.00	0.312
XTA10M	10 - 12.5	£195.00 C	XTA10i	3/8 - 1/2	£195.00 C	0.004	0.00012	58	2.28	12.50	0.500
XTA12M	12.5 - 16	£195.00 C	XTA12i	1/2 - 5/8	£195.00 C	0.004	0.00015	62	2.44	12.50	0.500
XTA16M	16 - 20	£199.00 C	XTA16i	5/8 - 3/4	£199.00 C	0.004	0.00015	62	2.44	20.00	0.750
XTA20M	20 - 25	£217.00 C	XTA20i	3/4 - 1	£217.00 C	0.004	0.00015	66	2.62	20.00	0.750
XTA25M	25 - 35	£313.00 C	XTA25i	1 - 1 3/8	£313.00 C	0.004	0.00015	66	2.62	35.00	1.375
XTA35M	35 - 50	£318.00 C	XTA35i	1 3/8 - 2	£318.00 C	0.004	0.00015	80	3.15	35.00	1.375
XTA50M	50 - 65	£379.00 C	XTA50i	2 - 2 5/8	£379.00 C	0.005	0.00020	80	3.15	65.00	2.625
XTA65M	65 - 80	£379.00 C	XTA65i	2 5/8 - 3 1/4	£379.00 C	0.005	0.00020	80	3.15	65.00	2.625
XTA80M	80 - 100	£481.00 C	XTA80i	3 1/4 - 4	£481.00 C	0.005	0.00020	100	3.94	80.00	3.250
XTA100M	100 - 125	£484.00 C	XTA100i	4 - 5	£484.00 C	0.006	0.00025	115	4.53	125.00	5.000
XTA125M	125 - 150	£558.00 C	XTA125i	5 - 6	£558.00 C	0.006	0.00025	115	4.53	125.00	5.000
XTA150M	150 - 175	£718.00 C	XTA150i	6 - 7	£718.00 C	0.007	0.00030	115	4.53	175.00	7.000
XTA175M	175 - 200	£821.00 C	XTA175i	7 - 8	£821.00 C	0.007	0.00030	115	4.53	175.00	7.000
XTA200M	200 - 225	£851.00 C	XTA200i	8 - 9	£851.00 C	0.008	0.00030	118	4.65	225.00	9.000
XTA225M	225 - 250	£878.00 C	XTA225i	9 - 10	£878.00 C	0.008	0.00030	118	4.65	225.00	9.000
XTA250M	250 - 275	£958.00 C	XTA250i	10 - 11	£958.00 C	0.009	0.00035	118	4.65	275.00	11.000
XTA275M	275 - 300	£999.00 C	XTA275i	11 - 12	£999.00 C	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	Price (£)		Range (inch)	Code No	Price (£)	
2 - 3	SXTA1M	2	1	£825.00	C	0.080 - 0.120	SXTA1i	£825.00	C
3 - 6	SXTA2M	3	2	£1,114.00	C	0.120 - 0.250	SXTA2i	£1,114.00	C
6 - 10	SXTA3M	2	1	£355.00	C	1/4 - 3/8	SXTA3i	£355.00	C
10 - 20	SXTA4M	3	2	£529.00	C	3/8 - 3/4	SXTA4i	£529.00	C
20 - 50	SXTA5M	3	2	£832.00	C	3/4 - 2	SXTA5i	£832.00	C
50 - 100	SXTA6M	3	2	£1,131.00	C	2 - 4	SXTA6i	£1,131.00	C
100 - 150	SXTA7M	2	1	£846.00	C	4 - 6	SXTA7i	£846.00	C
150 - 200	SXTA8M	2	1	£1,204.00	C	6 - 8	SXTA8i	£1,204.00	C



EXTENSIONS

Code No	Length (mm)	(inch)	To Fit Heads (mm)	(inch)	Price (£)	
EGX 0200	63	2.5	6 - 10	1/4 - 3/8	£61.00	Q
EGX 0400	76	3.0	10 - 12.5	3/8 - 1/2	£61.00	Q
EGX 0500	100	4.0	12.5 - 20	1/2 - 3/4	£61.00	Q
EGX 0001	150	6.0	20 - 50	3/4 - 2	£90.00	Q
EGX 0004	150	6.0	50 - 300	2 - 12	£97.00	Q

