

XTL Lever Bore Gauge

The robust new **Bowers XTL Lever** range is perfect for vertical bore measurement, providing accurate and repeatable bore gauging under inspection department or shop-floor conditions. The XTL has a simple ergonomic action and can be fitted with a wide variety of analogue and digital indicators or even transducer probes. The range can be provided with IP65 rated digital indicators, rendering it resistant to coolant, water and airborne particles. A 'wireless' gauge module is also available, enabling cable free communication with remote data collectors, PCs etc. The cost-effective new XTL boasts hardwearing extended travel carbide measuring anvils and is able to measure diameters up to 300mm.

Features:

- Measuring range 6-100mm (diameters above 100 on request)
- Excellent for vertical bore measurement
- Simple 2-button operation
- 3 preset memories
- RS-232 output
- Self-centering heads
- Constant measuring pressure
- Fast, accurate measurement
- Resolution 0.001mm (0.00005")
- Tungsten carbide measuring faces on all 3-point heads from 12.5mm
- Blind bore measurement above 12.5mm (0.500")
- Extensions available for deep hole measurement
- Setting rings included with individual instruments and sets
- UKAS certificates supplied as standard with all setting rings
- UKAS certificates supplied with all gauges
- Serial number on all gauges and measuring heads
- Heads with special anvils available to suit specific customer requirements (e.g. Threads, grooves, 2-point, spherical, splines etc)
- Bore gauges manufactured according to DIN 863, part 4



XTL 10-20mm set

Individual instruments: Supplied with head, ring and UKAS certificates

Code No (mm)	Range (mm)	Code No (inch)	Range (inch)	Accuracy (mm) (inch)	Depth (mm) (inch)	Setting ring (mm) (inch)
XTL6M	6-8	XTL6i	1/4 - 5/16	0.004 0.00015	58 2.28	8.00 .312
XTL8M	8-10	XTL8i	5/16 - 3/8	0.004 0.00015	58 2.28	8.00 .312
XTL10M	10-12.5	XTL10i	3/8 - 1/2	0.004 0.00015	58 2.28	12.50 .500
XTL12M	12.5-16	XTL12i	1/2 - 5/8	0.004 0.00015	62 2.44	12.50 .500
XTL16M	16-20	XTL16i	5/8 - 3/4	0.004 0.00015	62 2.44	20.00 .750
XTL20M	20-25	XTL20i	3/4 - 1	0.004 0.00015	66 2.62	20.00 .750
XTL25M	25-35	XTL25i	1 - 1 3/8	0.004 0.00015	66 2.62	35.00 1.375
XTL35M	35-50	XTL35i	1 3/8 - 2	0.004 0.00015	80 3.15	35.00 1.375
XTL50M	50-65	XTL50i	2 - 2 5/8	0.005 0.00020	80 3.15	65.00 2.625
XTL65M	65-80	XTL65i	2 5/8 - 3 1/4	0.005 0.00020	80 3.15	65.00 2.625
XTL80M	80-100	XTL80i	3 1/4 - 4	0.005 0.00020	85 3.35	80.00 3.250

Diameters above 100mm available on request.

Sets: Supplied with heads, rings and UKAS certificates

Code No	Range (mm)	Code No	Range (inch)
SXTL3M	6 - 10mm	SXTL3i	1/4 - 3/8"
SXTL4M	10-20mm	SXTL4i	3/8 - 3/4"
SXTL5M	20-50mm	SXTL5i	3/4 - 2"
SXTL6M	50-100mm	SXTL6i	2 - 4"