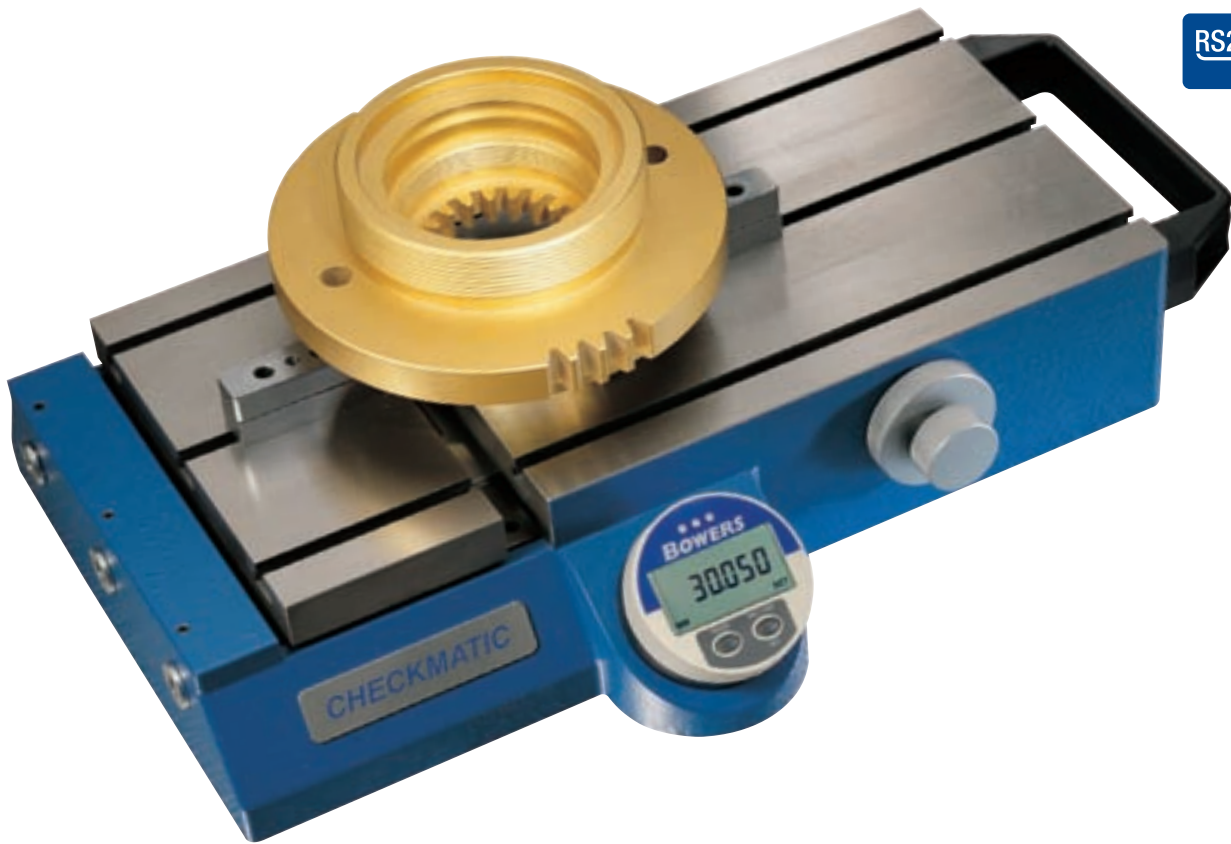


Universal Bench Fixture - Checkmatic

Bowers Checkmatic is a multifunction horizontal bench gauge, which is capable of being configured in a multitude of ways to enable most internal and external measuring tasks to be undertaken. The revolutionary accurate gauge can be supplied with an easy to read integral digital display or can be fitted with a wide variety of indicators and transducer probes.

The comprehensive range of quick-fit Checkmatic accessories means that this ingenious instrument can be rapidly set-up to enable most common internal or external measuring tasks to be performed with ease. Special accessories, contact points etc. can also be quoted to enable the accurate gauging of the most difficult of features.



WiFi 
see p251 for wireless options

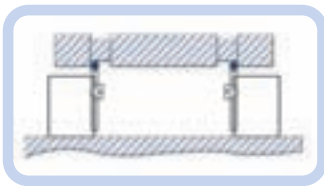
RS232 

Features

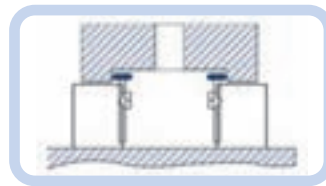
- Optional Integral Electronics
- 0.01 / 0.001mm (0.0005" / 0.00005") Switchable Resolution
- Inch – Metric conversion
- Preset
- Preset recall
- Zero settings
- Memory hold
- Ref 1 and Ref 2 Memories
- Min / Max
- Tolerance input
- RS - 232 output
- 1 year battery life
- Three additional measurement positions
- Nominal 15mm table travel
- Reversible measuring force
- Variable measuring force 7 - 9 Newtons
- Robust construction
- Central float position
- Caged ball technology

Universal Bench Fixture - Checkmatic

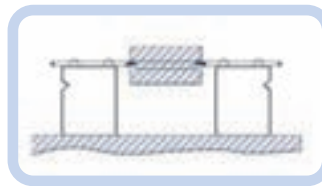
Applications



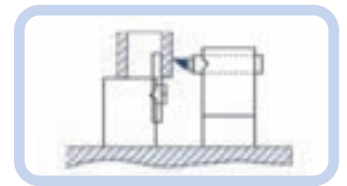
Bearing face distance



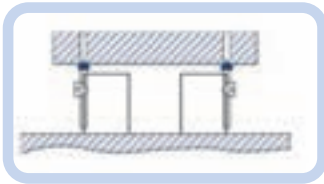
Internal diameters



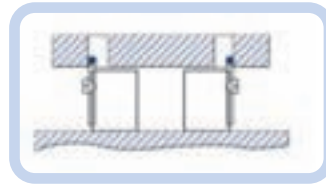
External diameters



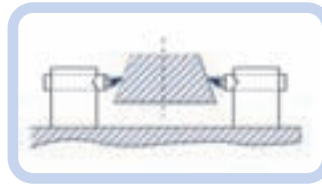
Concentricity/wall thickness



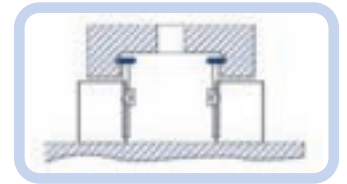
External splines



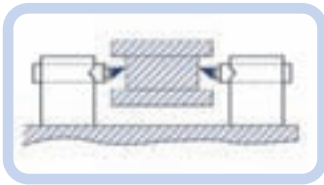
Hole position



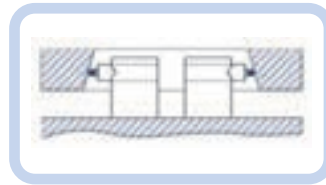
External tapers



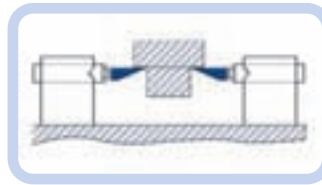
Internal recess diameter



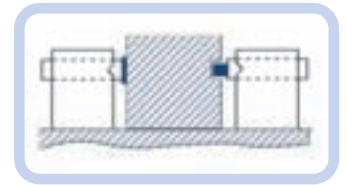
Recess diameters



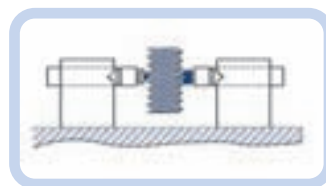
Internal tapers



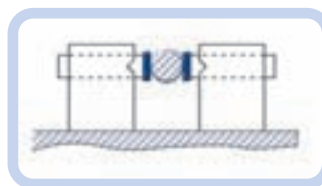
Rolling gear test



Slot depth



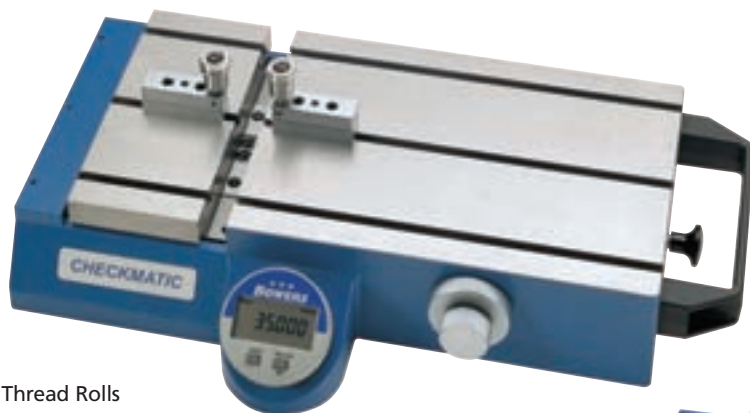
Thread measurement



External diameters
(round parts)

Universal Bench Fixture - Checkmatic

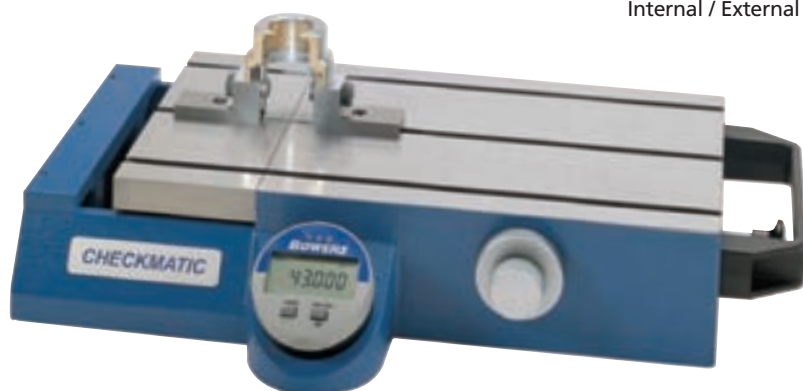
Applications



Thread Rolls



Internal / External grooves

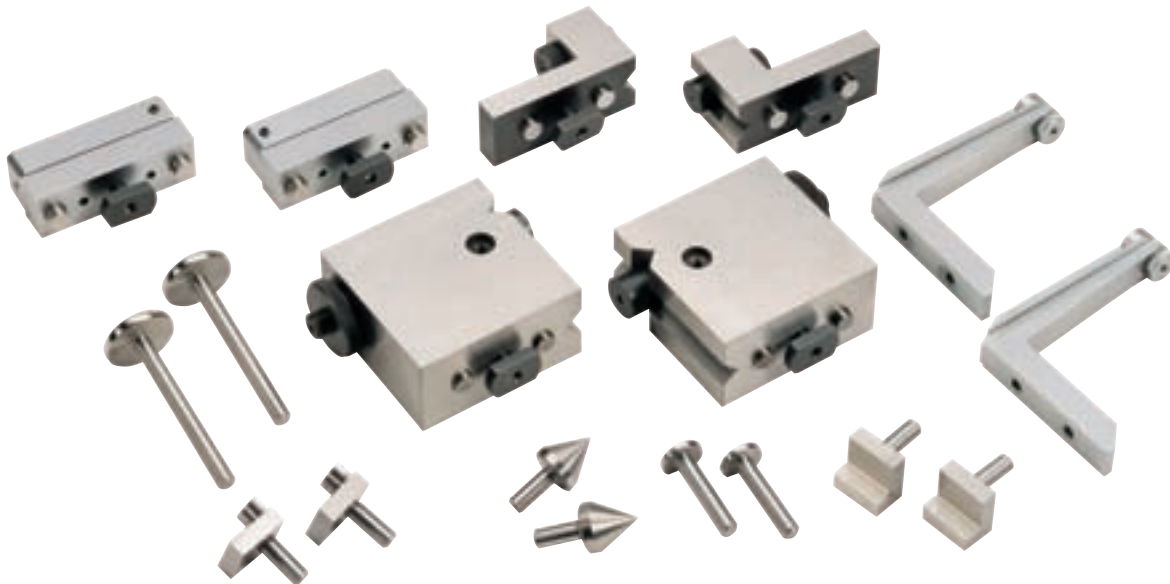


Internal / External diameters



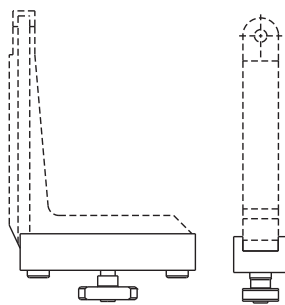
Centre axis distance (Max - Min)

Universal Bench Fixture Tooling



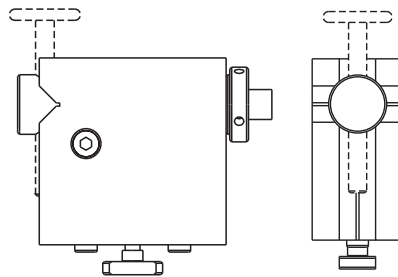
Tooling and accessories not included with Checkmatic basic gauge - See pages 32-35 for details of Accessories.

CKUA005



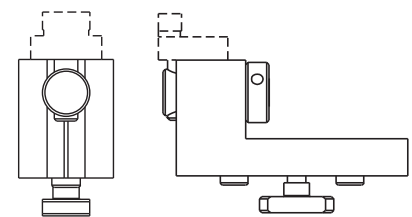
Universal Gauge
Tooling Adapter Arm

CKTB003



Large Tooling Block

CKTB004



Small Tooling Block

CHECKMATIC

Code No	Description	Price (£)
CHECK001	Checkmatic with digital indicator	£989.00
CHECK002	Checkmatic without indicator	£790.50
CKTB003	Large tooling blocks (pair)	£328.50
CKTB004	Small tooling blocks (pair)	£245.50
CKUA005*	Universal gauge tooling adapters (pair)	£49.50

CHECKMATIC

*Note: The CKUA005 Universal Gauge tooling adapters will be necessary to use the following accessories:

Code No	Description	Price (£)
TGUA006	Measuring arms 50mm (pair)	£181.50
TGUA007	Measuring arms 75mm (pair)	£193.00
TGUA008	Measuring arms 100mm (pair)	£222.50