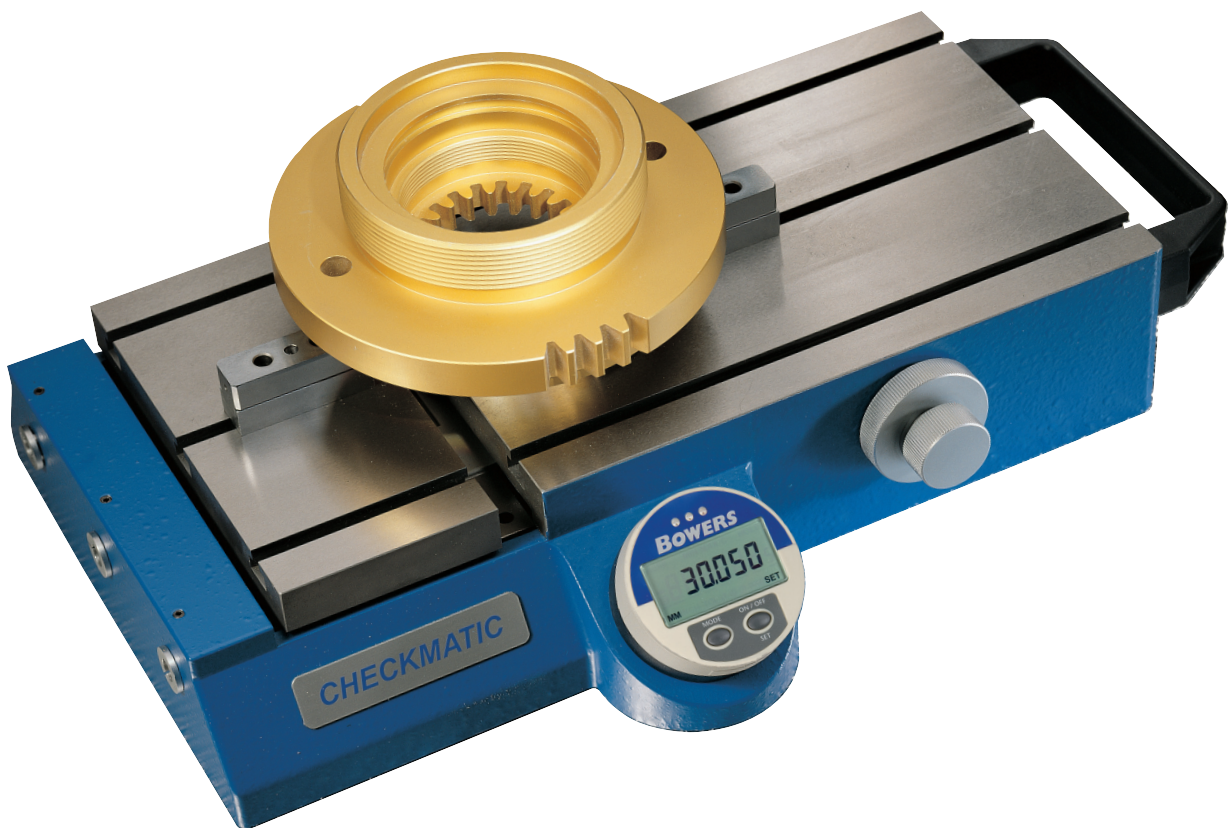


Checkmatic Universal Bench Fixture

The **Bowers Checkmatic** is a universal comparator gauge with a built in multifunction digital display. This versatile gauge can be configured in a multitude of ways, facilitating the rapid, accurate, internal or external gauging of both simple and complex components. A comprehensive range of accessories is available for the Bowers Checkmatic, alternatively special accessories can be designed for more specialised applications.

WiFi

RS232

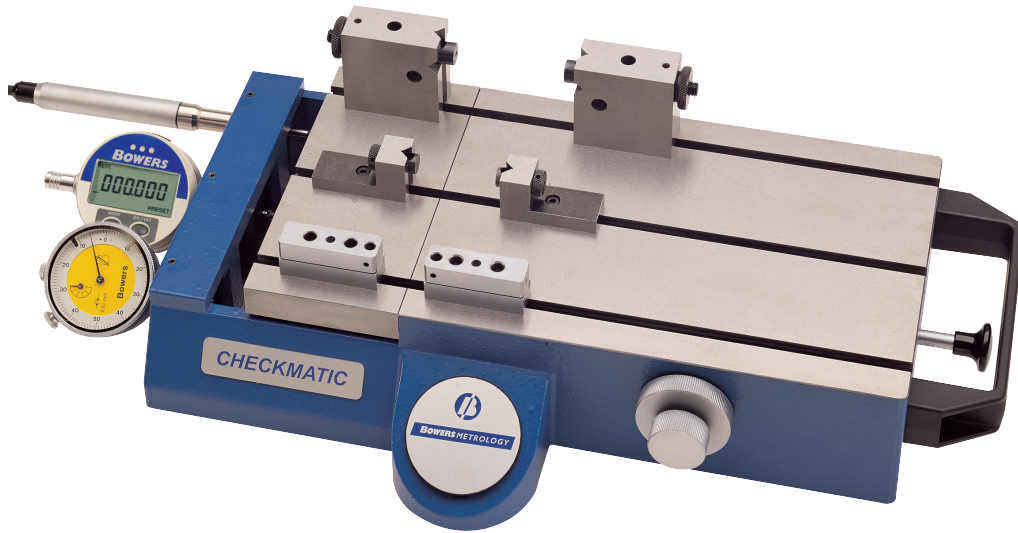


Features:

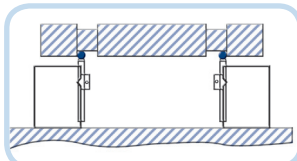
- Optional integral electronics
- 0.01/0.001mm (0.0005"/0.00005") switchable resolution
- Inch – Metric conversion
- Preset
- Preset recall
- Zero settings
- Memory hold
- Ref 1 & Ref 2 memories
- Min/Max
- Tolerance input
- RS-232 output
- 1 year battery life
- Three T-slots for mounting measuring accessories and contacts
- Nominal 15mm table travel
- Reversible measuring force
- Variable measuring force 7-9n
- Robust construction
- Central float position
- Caged ball technology



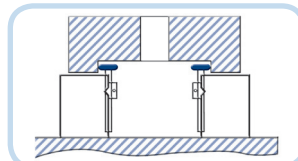
Checkmatic Universal Bench Fixture



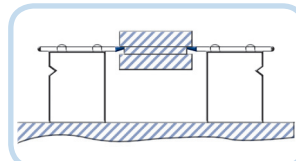
APPLICATIONS



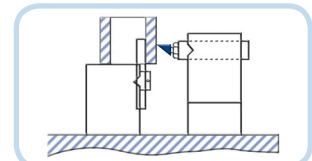
Bearing Face Distance



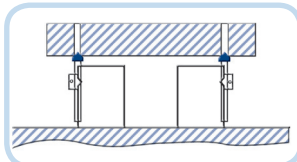
Internal Diameters



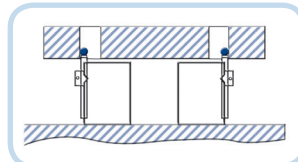
External Diameters



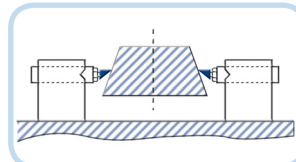
Concentricity/Wall Thickness



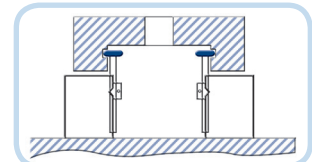
External Splines



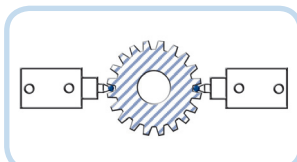
Hole Position



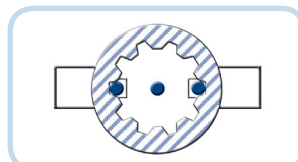
External Tapers



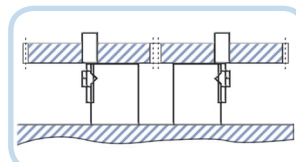
Internal Recess Diameter



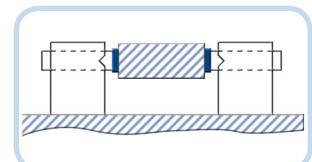
External Splines



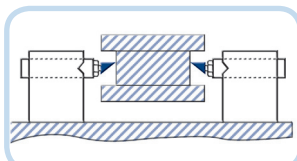
Internal Splines



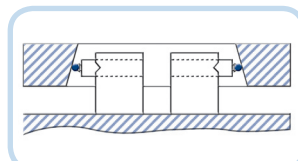
Roller-gear Measurement



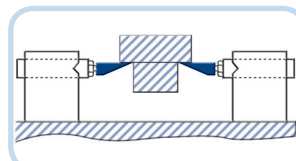
Length Measurement



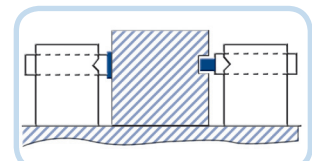
Recess Diameters



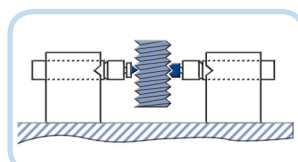
Internal Tapers



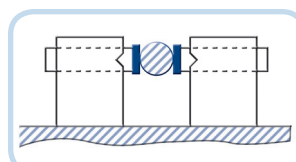
Rolling Gear Test



Slot Depth

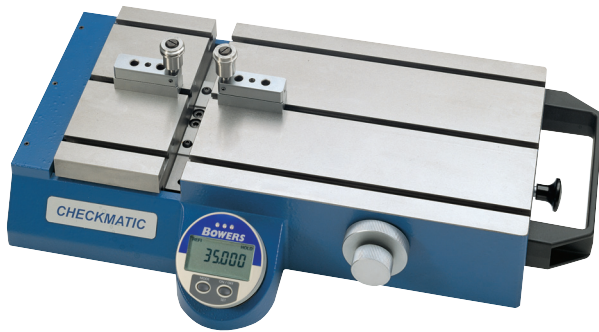


Thread Measurement



External Diameters (Round Parts)

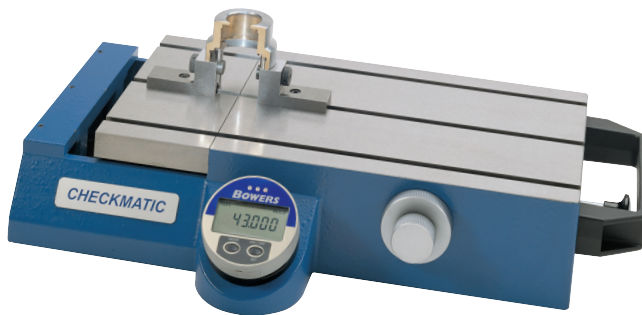
Checkmatic Universal Bench Fixture



Thread Rolls



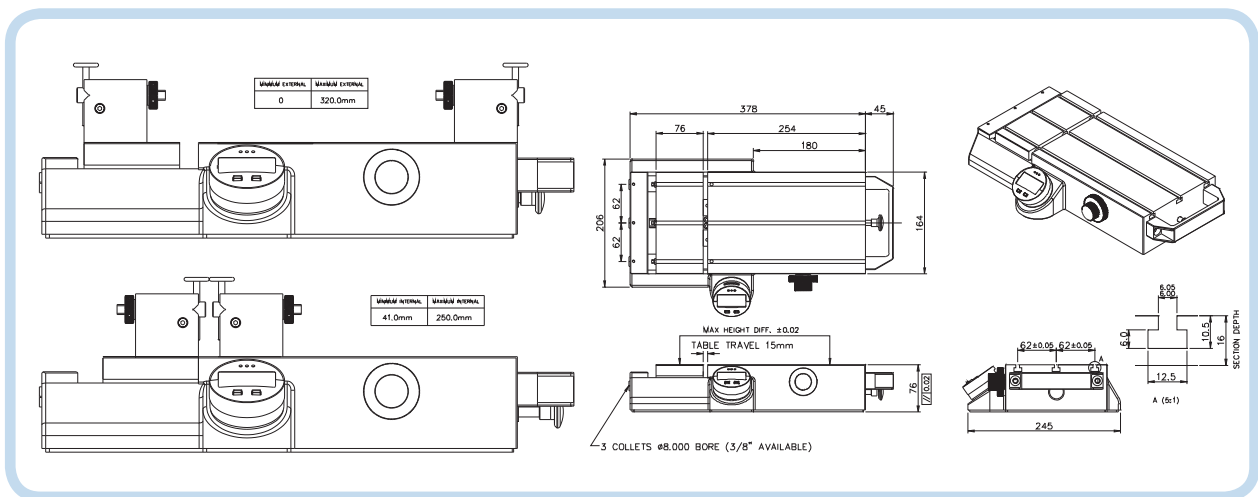
Internal/External Grooves



Internal/External Diameters

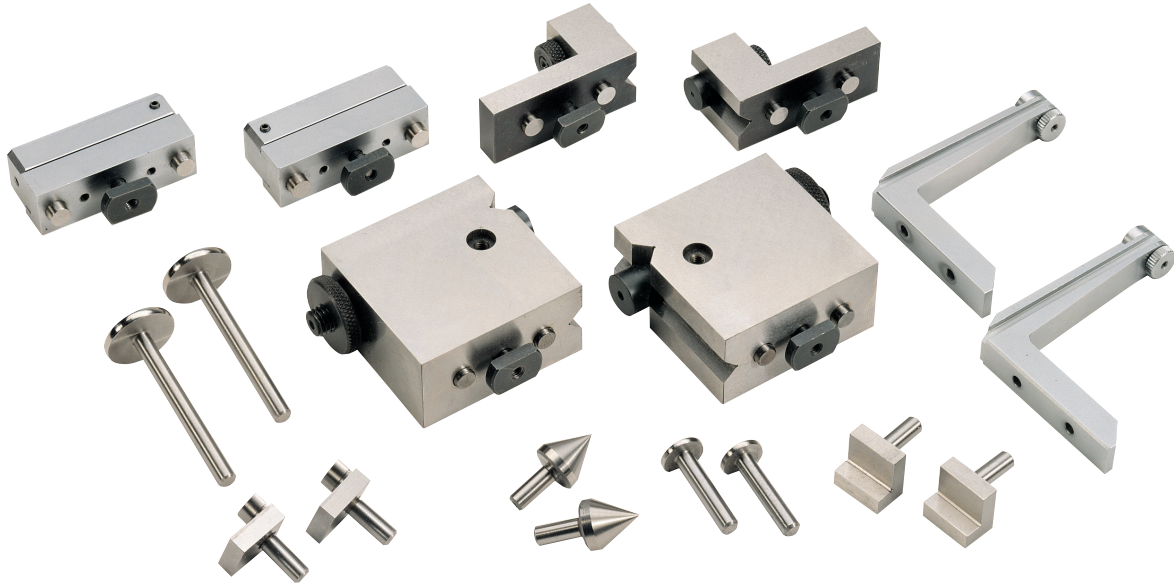


Centre Axis Distance (Max-Min)



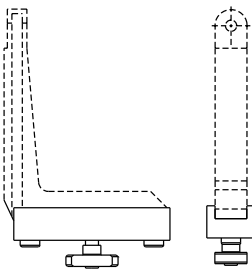


Checkmatic Universal Bench Fixture



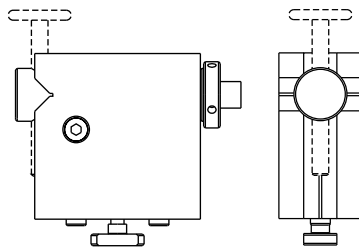
Tooling and accessories not included with Checkmatic basic gauge

CKUA005



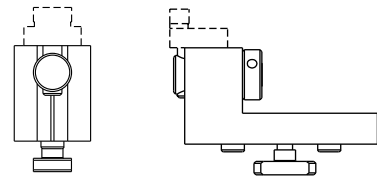
Universal gauge
Tooling Adapter Arm

CKTB003



Large Tooling Block

CKTB004



Small Tooling Block

PRODUCT CODES

CHECK001	Checkmatic with digital indicator
CHECK002	Checkmatic without indicator
CKTB003	Large tooling blocks (pair)
CKTB004	Small tooling blocks (pair)
CKUA005*	Universal Gauge tooling adapters (pair)

TGUA006	Measuring arms 50mm
TGUA007	Measuring arms 75mm
TGUA008	Measuring arms 100mm

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