



BOWERS METROLOGY

Digital & Mechanical Cylinder Bore Gauge

Vérificateur d'Alésages 2 points Digital et Mécanique
Digitale und Mechanische Innenfeinmessgeräte



- Measuring range 12.5 mm - 600 mm ($\frac{1}{2}$ " - 24")
- Fast simple checking for bore size, ovality, taper, etc
- 0.002mm/ 0.0005", 0.01mm/ 0.0001" Dial gauge options (on mechanical system)
- 0.001mm/ 0.00005", 0.01mm/ 0.0005" switchable (on digital system)
- Tungsten carbide contact points
- Lightweight glass reinforced nylon gauge shroud for extra strength and protection
- Thermally insulated for extra stability
- RS232 output (on digital system)
- Inch/metric conversion (digitalsystem)
- Displays actual bore diameter or comparative results (on digital system)
- Bore gauges available up to 3m (10 feet) long for deep hole measurement

- Gamme de mesure 12.5 mm - 600 mm ($\frac{1}{2}$ " - 24")
- Contrôle simple et rapide de l'ovalisation et de la conicité des alésages
- Graduations 0.002mm ou 0.01mm (comparateur mécanique)
- 0.001, 0.01mm commutable (sur Digital)
- Grande profondeur jusqu'à de 3m (spécial)
- Pare-chocs de protection en matériau léger
- Touches carbure
- Isolation thermique
- Construction robuste pour utilisation en atelier
- Affiche de diamètre réel de l'alésage ou des mesures relatives (mémoire de la valeur mini)
- Conversion mm/inch
- Sortie RS232 pour imprimante ou PC

- Messbereich 12.5 mm - 600 mm ($\frac{1}{2}$ " - 24")
- Handlich und bedienerfreundlich zum schnellen Messen von verschiedenen Bohrungsmerkmalen z.B. Durchmesser, Konizität, Ovalität, usw
- Messuhren mit Ablesung 0.002mm oder 0.01mm
- Umschaltbare Auflösung: 0.001/0.01mm (Digitale-Version)
- Tiefbohrungs-Messungen bis zu 3m auf Anfrage möglich
- Kunststoffschutzhaube für Meßuhr bzw. Digitalanzeige
- Messeinsätze aus Hartmetall
- Thermische Isolierung zum Schutz gegen Wärmeeinfluß auf die Messergebnisse
- Stabile Konstruktion - konzipiert für den Einsatz in der Fertigung
- Geeignet für Vergleichs- und Absolutmessungen. Min-Wert-Speicherung
- V-24 (RS 232) Schnittstelle zum SPC oder Drucker-Anschluß



system synergy

Mechanical Cylinder Bore Gauge/ Vérificateur d'Alésages 2 points Mécanique/ Mechanische 2-Punkt Innenfeinmessgeräte

Series	Model Modèle Typ	Capacity Capacité Messbereich	Resolution Résolution Auflösung	Graduation Graduation Einteilung	Measuring Depth Profondeur de l'Alésage Messtiefe	Other Measuring Depths available as Standard Autres profondeurs disponibles en Standard Zusätzliche Bohrungstiefen im Standard-Angebot
600 12.5-22mm (1/2" - 7/8")	TGB652M	12.5-22mm	0.01mm	0 - 50 - 0	150mm	75, 300mm
	TGB655M	12.5-22mm	0.002mm	0 - 10 - 0	150mm	75, 300mm
	TGB654I	1/2-7/8"	0.0005"	0 - 25 - 0	6"	3", 12"
	TGB653I	1/2-7/8"	0.0001"	0 - 50 - 0	6"	3", 12"
700 22-50mm (7/8 - 2")	TGB702M	22-50mm	0.01mm	0 - 50 - 0	150mm	75, 300, 450, 600, 760, 910mm
	TGB717M	22-50mm	0.002mm	0 - 10 - 0	150mm	75, 300, 450, 600, 760, 910mm
	TGB701I	7/8-2"	0.0005"	0 - 25 - 0	6"	3", 12", 18", 24", 30", 36"
	TGB703I	7/8-2"	0.0001"	0 - 50 - 0	6"	3", 12", 18", 24", 30", 36"
700 50-150mm (2-6")	TGB752M	50-150mm	0.01mm	0 - 50 - 0	250mm	75, 450, 600, 760, 910mm
	TGB765M	50-150mm	0.002mm	0 - 10 - 0	250mm	75, 450, 600, 760, 910mm
	TGB751I	2-6"	0.0005"	0 - 25 - 0	10"	3", 18", 24", 30", 36"
	TGB753I	2-6"	0.0001"	0 - 50 - 0	10"	3", 18", 24", 30", 36"
800 150-600mm (6 - 24")	TGB802M	150-300mm	0.01mm	0 - 50 - 0	380mm	600, 760, 910mm
	TGB812M	150-300mm	0.002mm	0 - 10 - 0	380mm	600, 760, 910mm
	TGB801I	6-12"	0.0005"	0 - 25 - 0	15"	24", 30", 36"
	TGB803I	6-12"	0.0001"	0 - 50 - 0	15"	24", 30", 36"
	TGB821M	150-600mm	0.01mm	0 - 50 - 0	380mm	600, 760, 910mm
	TGB851M	150-600mm	0.002mm	0 - 10 - 0	380mm	600, 760, 910mm
	TGB820I	6-24"	0.0005"	0 - 25 - 0	15"	24", 30", 36"
	TGB822I	6-24"	0.0001"	0 - 50 - 0	15"	24", 30", 36"
900 125-150mm (1/2 - 6")	TGB901M	12.5-50mm	0.01mm	0 - 50 - 0	150mm	
	TGB920M	12.5-50mm	0.002mm	0 - 10 - 0	150mm	
	TGB901I	1/2-2"	0.0005"	0 - 25 - 0	6"	
	TGB920I	1/2-2"	0.0001"	0 - 50 - 0	6"	
	TGB930M	22-150mm	0.01mm	0 - 50 - 0	150-250mm	
	TGB940M	22-150mm	0.002mm	0 - 10 - 0	150-250mm	
	TGB930I	7/8-6"	0.0005"	0 - 25 - 0	6-10"	
	TGB940I	7/8-6"	0.0001"	0 - 50 - 0	6-10"	
	TGB950M	12.5-150mm	0.01mm	0 - 50 - 0	150-250mm	
	TGB960M	12.5-150mm	0.002mm	0 - 10 - 0	150-250mm	
	TGB950I	1/2-6"	0.0005"	0 - 25 - 0	6-10"	
	TGB960I	1/2-6"	0.0001"	0 - 50 - 0	6-10"	

Gauges to measure up to 3m deep are available on request/ Grande profondeur jusqu'à de 3m (spécial)/ Tiefbohrungs-Messungen bis zu 3m auf Anfrage möglich

Digital Cylinder Bore Gauge/ Vérificateur d'Alésages 2 points Digital/ Digitale 2-Punkt Innenfeinmessgeräte

Series	Model Modèle Typ	Capacity Capacité Messbereich	Resolution (Switchable) Résolution Auflösung	Measuring Depth Profondeur de l'Alésage Messtiefe	Other Measuring Depths available as Std Autres profondeurs disponibles en Standard Zusätzliche Bohrungstiefen im Std-angebot
600D 12.5-22mm (1/2" - 7/8")	CBGD010	12.5-22mm	0.001/0.01mm	150mm	75, 300mm or
		or 1/2-7/8"	or 0.00005"/0.0005"	or 6"	3", 12"
700 D 22-50mm (7/8 - 2")	CBGD020	22-50mm	0.001/0.01mm	150mm	75, 300, 450, 600, 760, 910mm or
		or 7/8-2"	or 0.00005"/0.0005"	or 6"	3", 12", 18", 24", 30", 36"
750D 50-150mm (2-6")	CBGD035	50-150mm	0.001/0.01mm	250mm	75, 450, 600, 760, 910mm or
		or 2-6"	or 0.00005"/0.0005"	or 10"	3", 18", 24", 30", 36"
800D 150-300mm (6 - 12")	CBGD040	150-300mm	0.001/0.01mm	380mm	600, 760, 910mm or
		or 6-12"	or 0.00005"/0.0005"	or 15"	24", 30", 36"
820D 150-600mm (6- 24")	CBGD050	150-600mm	0.001/0.01mm	380mm	600, 760, 910mm or
		or 6-24"	or 0.00005"/0.0005"	or 15"	24", 30", 36"

Gauges to measure up to 3m deep are available on request// Grande profondeur jusqu'à de 3m (spécial)/ Tiefbohrungs-Messungen bis zu 3m auf Anfrage möglich

Bowers Metrology Limited, 32 Leeds Old Road, Bradford, West Yorkshire BD3 8HU Telephone: 01274 223456 Fax: 01274 223444
e-mail: sales@bowersmetrology.com www.bowersmetrology.com

The Bowers Metrology
Group of Companies

