

TESA VERIBOR

Proven design and reliability never questioned over decades – Instruments for 2-point measurements for bores from 4,5 up to 550 mm – Detects form errors – Gauge body with a 8 mm diameter clamping bore for a dial gauge, precision indicator or any other sensor.

- Excellent repeatability due to the circular element fixed on the instrument ensuring practically no play.
- Gauge body made of invar steel to neutralise the influence of the operator's hand warmth on the measuring result.
- Centring shoe for correct alignment of the instrument in the bore.
- Tungsten carbide ball tips for high resistance to wear.

TESA VERIBOR Light

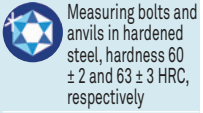
Instrument with 2 contact points for comparative measurement of bores and detection of form errors – Automatic self-centering in the bore – Can be used with a dial gauge, a precision indicator or a probe with $\varnothing 8h6$ clamping stem.



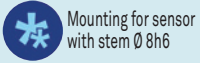
4 µm



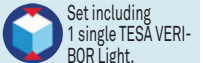
2 µm



Measuring bolts and anvils in hardened steel, hardness 60 ± 2 and 63 ± 3 HRC, respectively



Mounting for sensor with stem $\varnothing 8h6$



Set including 1 single TESA VERIBOR Light. 1 set of interchangeable fixed inserts covering the entire application range








No	=	Measuring bolt travel, mm	mm	Measuring depth, mm
05710090	TESA VERIBOR light	1,30	18 ÷ 35	176
05710091	TESA VERIBOR light	1,40	35 ÷ 60	178
05710092	TESA VERIBOR light	1,40	50 ÷ 150	178
05710093	TESA VERIBOR light	1,30 / 1,40	18 ÷ 150	176 / 178

Sets delivered without dial gauge



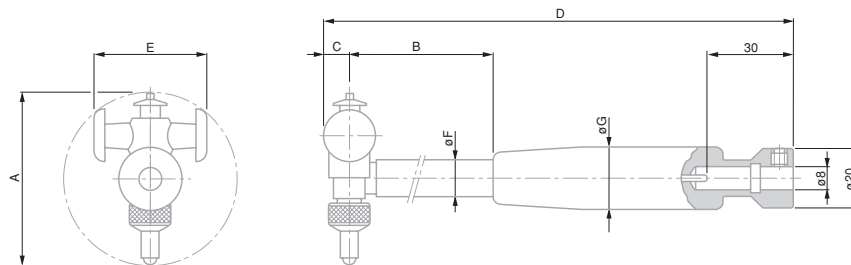
TESA VERIBOR



-  Only VERIBOR without dial gauge: 2 μm
-  Only VERIBOR without dial gauge: ± 2s = 0,5 μm
-  Measuring bolts and anvils fitted with carbide ball tips
-  Mounting for sensor with stem Ø 8 h6 mm
-  Set including 1 single TESA VERIBOR. 1 set of interchangeable fixed inserts covering the whole application range.

No	mm
05710012	4,5 ÷ 6
05710013	6 ÷ 12,5
05710014	12 ÷ 25
05710015	25 ÷ 50
05710016	50 ÷ 150
05710018	50 ÷ 300
05710017	240 ÷ 550

Sets supplied without dial gauges, electronic probes or indicators



A mm	mm	B mm	C mm	D mm	E mm	F mm	G mm
4,5 ÷ 6	0,35	74	2	138	3,3	3,8	16
6 ÷ 12,5	0,5	93	2,6	156	4,3	4,9	16
12 ÷ 25	0,9	106	4,5	194	7,8	7,9	19
25 ÷ 50	1,3	140	6	228	16	8	19
50 ÷ 150	1,4	173	10	279	36	12	23
50 ÷ 300	1,4	173	10	279	36 / 66	12	23
240 ÷ 550	1,6	227	14	347	112	18	28

Special Versions

Available on request :

- TESA VERIBOR for blind bores and centring shoulders.
- TESA VERIBOR elbow-shaped for hard-to-reach bores.
- Handtools for measuring the distance between two plan-parallel surfaces.
- Handtools for inspecting gear pitch diameters.

ACCESSORIES FOR TESA VERIBOR

Set of Extensions

For extending the application range to \varnothing 300 mm for VERIBOR No. 05710016.

No	=	Consisting of
05740001	Set of extensions	- 1 Centring shoe - 3 Extensions 50 mm



Depth Extensions

To be mounted on the body of VERIBOR $\varnothing \geq 25 \leq 550$ mm for large measuring depths (dimension B in the technical drawing of the VERIBOR).

No	=	mm
05760029	Extension	1000
05760027	Extension	500



Dial Gauge Protection Guard

Protects the dial gauge against direct shocks and prevents the dial from being inadvertently rotated.

No	=	mm
05760013	Protection guard	\varnothing 58

