

TESA VERIBOR Bore Gauges

Proven construction and high reliability over decades – Able to take 2-point measurements on bores from 4,5 up to 550 mm – Detect form and shape errors – Gauge body with a 8 mm diameter clamping bore for a dial gauge, precision indicator or any other sensor.

- High repeatability through the circular reversing element inside the gauge, virtually free from clearance.
- Gauge body made of invar steel to prevent the measurement results from being affected by hand warmth transfer.
- Centring shoe ensuring a correct alignment of the gauge into the bore to be checked.
- Tungsten carbide ball tips for high resistance to wear.

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TESA VERIBOR without dial gauge

	mm
05710012	4,5 ÷ 6
05710013	6 ÷ 12,5
05710014	12 ÷ 25
05710015	25 ÷ 50
05710016	50 ÷ 150
05710018	50 ÷ 300
05710017	240 ÷ 550



See tables

Measuring bolts and anvils fitted with tungsten carbide ball tips

Mount for a sensor having a 8 h6 dia. clamping shaft

2 µm (VERIBOR alone)

± 2s = 0,5 µm (VERIBOR alone)



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

Wooden case

Declaration of conformity



TESA VERIBOR with dial gauge

No		No		No		No		mm	
05710054	05710061								4,5 ÷ 6
05710055	05710062								6 ÷ 12,5
05710056	05710063								12 ÷ 25
				05710057	05710064				25 ÷ 50
				05710058	05710065				50 ÷ 150
				05710059	05710066				50 ÷ 300
				05710060	05710067				240 ÷ 550

Provided with a TESA dial gauge

No	01412010	01412510	01412310	01412511
mm	40	40	58	58
mm	0,01	0,001	0,01	0,001



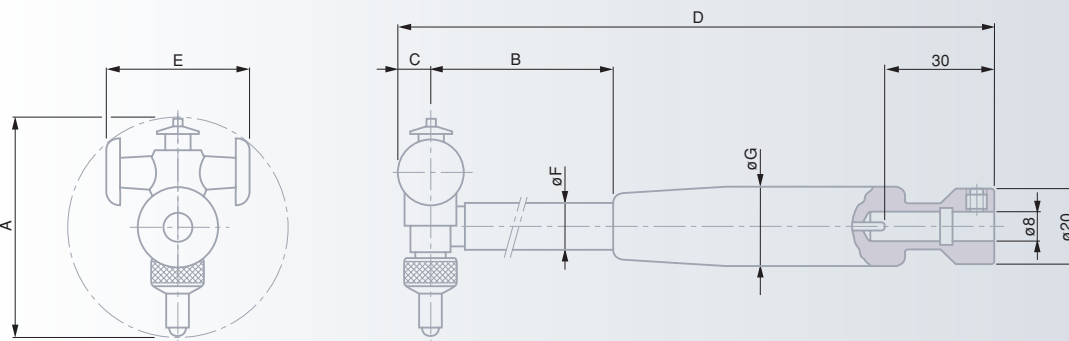
Full set including 1 single TESA VERIBOR Light plus 1 set of interchangeable fixed inserts covering the whole application range, 1 dial gauge as shown in the table opposite, 1 dial gauge guard.



Wooden case



Declaration of conformity



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.



Optional Accessories for TESA VERIBOR Bore Gauges

Set of extensions

For extending the application range of VERIBOR No. 05710016, 05710058 and 05710065 up to 300 mm dia.



mm

05740001

Consisting of:

1 Centring shoe

3 Extensions 50 mm



Depth extensions (not pictured)

To be mounted on each tool shaft from diameters ≥ 25 to ≤ 550 mm for depth increase (Size B – Drawing on page H-12).



mm

05760026 250

05760027 500

05760028 750

05760029 1000

Dial gauge guard

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



mm

05760012 $\varnothing 40$

05760013 $\varnothing 58$



Cable holder

Used for the probe cable. To be mounted at the end of the gauge shaft.



05760014

