

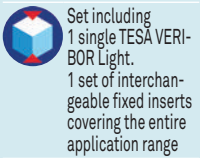
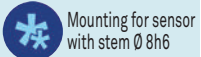
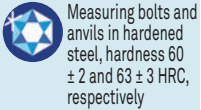
TESA VERIBOR

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.



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

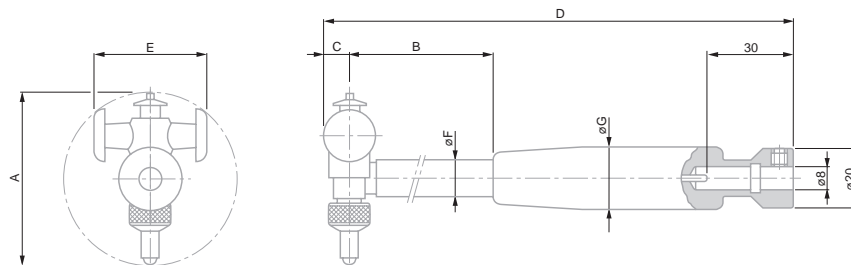


TESA VERIBOR



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.



See table of values



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.



Wooden case



Declaration of conformity



ACCESSORIES FOR TESA VERIBOR

Set of Extensions


For extending the application range to \varnothing 300 mm for VERIBOR No. 05710016, 05710058 et 05710065.

No	=	
05740001	Set of extensions	Consisting of – 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	=	
05760029	Extension	mm 1000
05760027	Extension	500



Dial Gauge Protection Guard

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

No	=	
05760013	Protection guard	mm \varnothing 58

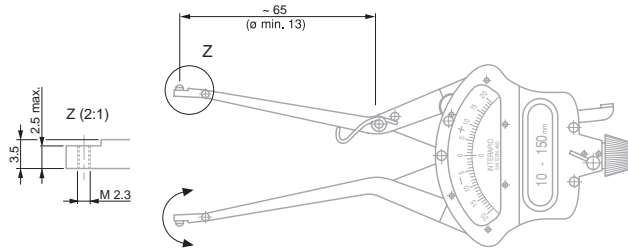
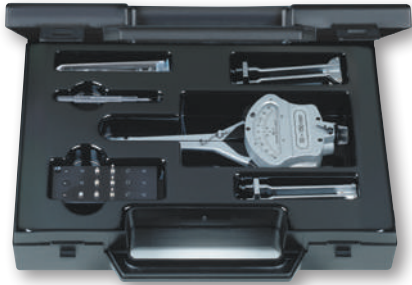


ARM GAUGES

Very practical comparative measuring instrument – Measures at 2 or 3 points depending on the accessory used – Ideal for blind or through bores – also suited for measuring grooves, flutes as well as the internal measurement of parts with parallel faces.

IRA 2 Comparative Gauge

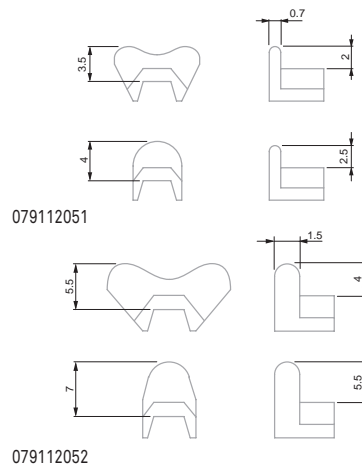
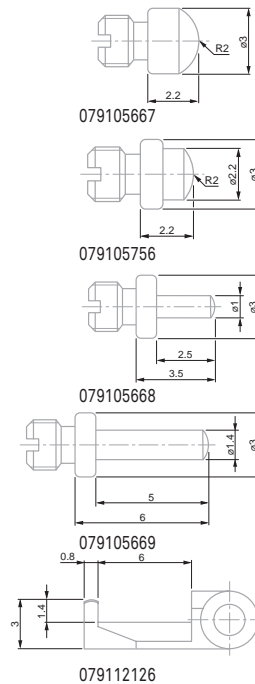
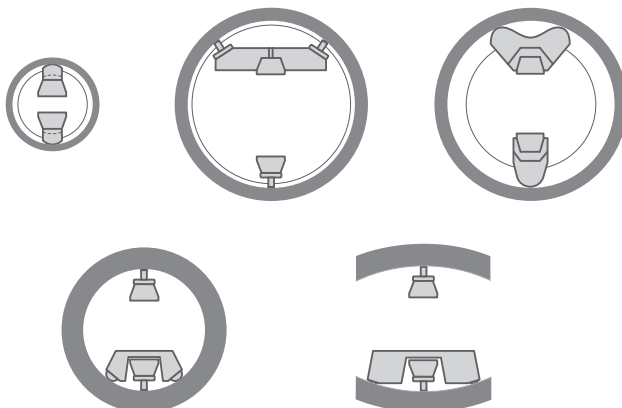
- Large application range from 10 to 150 mm
- Easy to handle thanks to its light weight and ergonomic design
- Built-in indicator with 0,01 mm reading and fine setting
- Centering device for 2-point measurement



No	=	A
079105704	INTERAPID IRA 2	mm
079111401	INTERAPID IRA 2, carbide	mm
DELIVERED WITH THE FOLLOWING ACCESSORIES:		
079105667	3 inserts, hardened steel (order number for 1 unit, with 079105704)	
079105756	3 inserts, carbide (order number for 1 unit, with 079111401)	
079105668	3 short inserts, hardened steel (order number for 1 unit)	
079105669	3 long inserts in hardened steel (order number for 1 unit)	
079112126	2 inserts, adjustable for internal dia. >6mm	
079110110	Large insert holder for 3-point measurement	
079108502	IRA centering arm, Ø 15-30 mm	
079110111	Small insert holder for 3-point measurement	
079105694	Special screwdriver for IRA set	

Optional Accessories for IRA-2 Comparative Gauge

No	=
079112051	Small insert set for 3-point measurement
079112052	Long insert set pour 3-point measuring



- ± 0,20 mm or ± 0,008 in
- 10 ÷ 150 mm 0.375 ÷ 6 in
- 0,01 mm or 0.0005 in
- Measuring inserts in hardened steel or tungsten carbide, see opposite table
- 3,5 N
- Measuring arm clearance travel: 10 mm
- Plastic case
- Declaration of conformity



- Chrome plated, hardened steel