

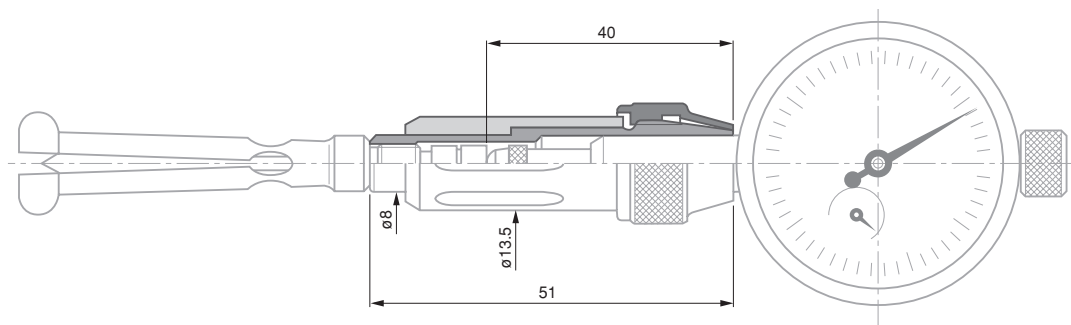
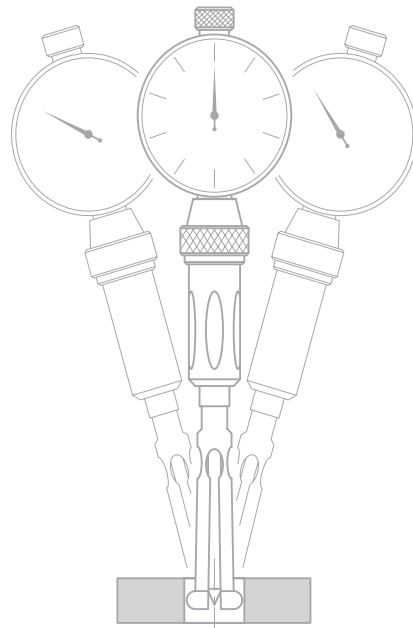
## TESA YA COMPLETE INSTRUMENT SETS

Specially designed for small bores from 0,47 up to 12,20 mm - Checking of dimension and bore form errors through 2-point measuring - Offers an excellent repeatability. The YA bore gauges consist of an interchangeable measuring head with a built-in needle and handle with a 8 mm diameter fixing bore for a dial gauge or any other type of sensor

- Measuring heads with spherical faces for through bores.
- Measuring heads for particularly deep bores.

Can be supplied on request:

- Measuring heads with carbide measuring faces.
- Measuring heads for special applications.
- Measuring heads for blind bores and particularly deep bores with other application ranges.
- Carbide measuring needles.
- Depth extensions 125, 250, 500, 750 and 1000 mm.





1 µm

Reliability of engraved dimension:  
± 2s = 1 µm

Measuring head in hardened steel and carbide, ≈ 1000 HV 25  
Measuring needles in hardened steel, ≈ 800 HV 25  
Setting rings: with synthetic sapphire for nominal Ø ≤ 1,5 mm and hardened steel for > 1,5 mm, ≈ 780 HV 25

Holder: Mounting of instruments with stem Ø 8h6 mm

Complete set includes:  
1 handle No. 01540201.  
Measuring heads, needles and setting rings as shown in the table below.  
1 TESA YR 01410212 dial gauge (reading to 0,01 mm, Ø 40 mm dial)  
1 Extension for for inserts, 10 mm No. 03540501.

## COMPLETE INSTRUMENT SETS FOR MEASURING THROUGH BORES



mm

01510000	0,47 ÷ 0,97
01510100	0,95 ÷ 2,45
01510200	2,30 ÷ 6,20
01510300	6,00 ÷ 12,20

	Measuring heads	mm	Measuring depth max. mm	Measuring depth min. mm	Needles	Setting rings mm		
<b>COMPOSITION OF THE SETS:</b>								
<b>01510000</b>	01540401	0,47 ÷ 0,53	1,5	0,25	01540001	01540601	0,50	
	01540402	0,52 ÷ 0,58	1,8	0,27	01540001	01540602	0,55	
	01540403	0,57 ÷ 0,67	2,0	0,29	01540002	01540603	0,60	
	01540404	0,65 ÷ 0,77	2,5	0,31	01540002	01540604	0,70	
	01540405	0,75 ÷ 0,87	2,8	0,33	01540002	01540605	0,80	
	01540406	0,85 ÷ 0,97	3,0	0,35	01540002	01540606	0,90	
	<b>01510100</b>	01540407	0,95 ÷ 1,15	11	0,6	01540003	01540607	1,00
		01540408	1,07 ÷ 1,25	11	0,6	01540003	01540608	1,10
		01540409	1,17 ÷ 1,35	11	0,6	01540003	01540609	1,20
		01540410	1,27 ÷ 1,45	11	0,6	01540003	01540610	1,30
		01540411	1,37 ÷ 1,55	11	0,6	01540003	01540611	1,40
		01540412	1,50 ÷ 1,90	17	0,9	01540004	01540612	1,50
		01540413	1,70 ÷ 2,15	17	0,9	01540004	01540613	1,75
		01540414	2,05 ÷ 2,45	17	0,9	01540004	01540614	2,00
					01540615	2,25		
<b>01510200</b>	01540415	2,30 ÷ 2,75	22	1,2	01540005	01540616	2,50	
	01540416	2,65 ÷ 3,20	22	1,2	01540005	01540617	3,00	
	01540417	3,05 ÷ 3,50	22	1,2	01540005	01540618	3,25	
	01540418	3,35 ÷ 3,85	22	1,2	01540005	01540619	3,50	
	01540419	3,80 ÷ 4,30	22	1,2	01540005	01540620	4,00	
	01540420	4,20 ÷ 5,00	40	2,0	01540006	01540621	4,50	
	01540421	4,70 ÷ 5,50	40	2,0	01540006	01540622	5,00	
	01540422	5,30 ÷ 6,20	40	2,0	01540006	01540623	5,75	
	<b>01510300</b>	01540423	6,00 ÷ 6,80	40	2,0	01540006	01540624	6,50
		01540424	6,60 ÷ 7,50	40	2,0	01540006	01540625	7,00
01540425		7,30 ÷ 8,15	40	2,0	01540006	01540626	7,75	
01540426		8,00 ÷ 8,80	40	2,0	01540006	01540627	8,50	
01540427		8,50 ÷ 9,40	50	2,0	01540006	01540628	9,00	
01540428		9,15 ÷ 10,00	50	2,0	01540006	01540629	9,50	
01540429		9,60 ÷ 10,80	50	3,3	01540007	01540630	10,00	
01540430		10,65 ÷ 12,20	50	3,3	01540007	01540631	11,50	

