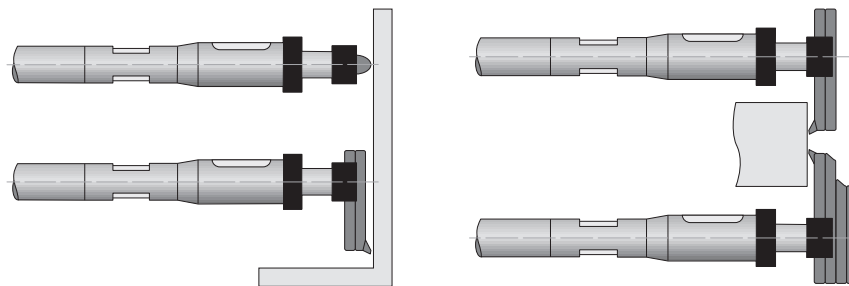


TESA UNIMASTER Universal Measuring Instrument

TESA UNIMASTER Universal Measuring Instrument provides the features necessary for direct measurement of specially large internal and external dimensions. TESA UNIMASTER is similar to internal micrometers with two-point contact with the workpiece being measured. Measures any dimension within the extended application range directly by simply adding the needed extensions with built-in gauge blocks to the measuring element.

Accurate, robust and easy-to-handle – Can be used either vertically or horizontally with a constant measuring force – Incorporates a lever-type dial test indicator that clearly shows the culmination point – Ensures stable measuring owing to both a negligible deflection and thermal protection on each extension.

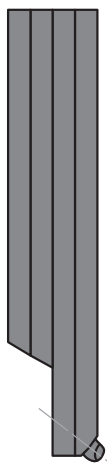


- DIN 863 T4 (Style B)
- Micrometer: 25 mm
- Dial test indicator: ± 0,4 mm
- Micrometer and dial test indicator: 0,01 mm
- 5 µm
- One spherical and one flat measuring faces
- 1 mm
- Tungsten carbide tipped
- 15 to 20 N measuring force reversible between internal and external directions
- Measuring bolts supplied in pairs:
 - No. 01110203 for internal measuring in the micrometer axis.
 - No. 01110205 for internal/external measuring, meas. depth up to 60 mm from the lower edge of the micrometer.
 - No. 01110208, extra-rigid for external measuring, meas. depth up to 75 mm from the lower edge of the micrometer.
- Extension: 38 mm dia. diameter steel tube with snap ring system, Built-in gauge rod.
- Mobile ball-bearing anvil under spring pressure.
- Wooden case
- Measuring element and setting standard with identification number
- Calibration certificate:
 - per setting standard
 - per measuring element
 - per extension



No	=					
		mm	mm			
01110000	TESA UNIMASTER metric full	Int. dim. 250 ÷ 1475*	Ext. dim. 225 ÷ 1450*			
CONSISTING OF:						
No	=					
		mm	mm	mm	mm	µm
01110300	Measuring element UNIMASTER	Int. dim. 250 ÷ 275	Ext. dim. 225 ÷ 250			
01110203	Set measuring arms interior dimensions					
01110205	Set measuring arms for interior and exterior dimensions, length 75mm			75		
01110208	Set measuring arms for interior and exterior dimensions, length 100mm			100		
01110501	Setting gauge			Int. dim.: 250	Ext. dim.: 225	
01110101	Extension			25		0,7
01110102	Extension			50		1
01110103	Extension			75		1,2
01110104	Extension			100		1,5
01110105	Extension			125		1,5
01110106	Extension			150		2
01110112	Extension			300		3,5
01110118	Extension			450		4,5
01110124	Extension			600		6,5
01130001	Special screwdriver					
01110401	Set of suspension accessories (4 brackets together with 4 clamps)					
01112401	Wooden case for complete set					
OPTIONAL ACCESSORIES:						
01110140	Extension 1000 mm			1000		10
01162001	Anvils for internal/external dimensions and throats			Measuring depth: ≤ 20	Tungsten carbide inserts: Ø 4 x 7	
01160001	Roller (2 items are needed)					

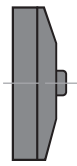
*Using 3 extensions at the very most.



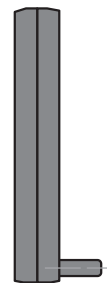
01110208



01110205



01110203



01162001

