

# Micrometer

## Blade Micrometers SERIES 122 — Non-Rotating Spindle Type

- The anvil and spindle are blade-shaped for measuring the groove diameter of shafts, keyways, and other hard-to-reach features.
- Carbide-tipped measuring faces are available.
- Non-rotating spindle type.
- Equipped with Ratchet Stop for constant measuring force.



122-101-10

### SPECIFICATIONS

Metric					
Order No.	Range (mm)	Graduation (mm)	Maximum permissible error $J_{MPE}$ ( $\mu\text{m}$ )	Parallelism ( $\mu\text{m}$ )	Remark
Analog					
122-101-10	0 - 25	0.01	$\pm 3$	3	Type A
122-102-10	25 - 50				
122-103-10	50 - 75				
122-104-10	75 - 100				
122-105-10	100 - 125				
122-106-10	125 - 150				
122-107-10	150 - 175		$\pm 4$	4	
122-108-10	175 - 200				
122-109-10	200 - 225				
122-110-10	225 - 250		$\pm 5$	5	
122-115-10	250 - 275				
122-116-10	275 - 300		$\pm 6$	6	
122-111-10	0 - 25				
122-112-10	25 - 50	$\pm 3$	3	Type B	
Analog (With carbide tip)					
122-161-10	0 - 25	0.01	$\pm 3$	3	Type C
122-162-10	25 - 50				
122-141-10	0 - 25				
122-142-10	25 - 50				

Inch					
Order No.	Range (in)	Graduation (in)	Maximum permissible error $J_{MPE}$ (in)	Parallelism (in)	Remark
Analog					
122-125-10	0 - 1	0.0001	$\pm 0.00015$	0.00015	Type A
122-126-10	1 - 2				
122-127-10	2 - 3		$\pm 0.0002$	0.0002	
122-128-10	3 - 4				
122-135-10	0 - 1				
122-151-10	0 - 1	$\pm 0.00015$	0.00015	Type B Type D	

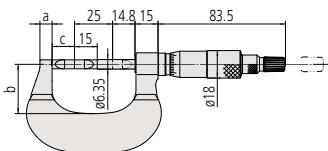
• Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models)  
Spanner (301336), 1 pc.

Note: A heat shield is provided with 122-125-10, 122-135-10, 122-151-10 as standard.

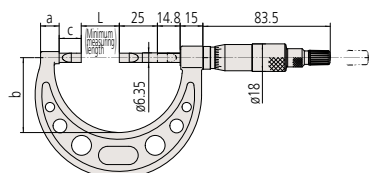
### DIMENSIONS

Analog models up to 25 mm measuring range

Unit: mm



Analog models over 25 mm to 300 mm measuring range



Order No.	L	a	b	C
122-101-10	0	7.8	32	15
122-102-10	25	12.2	49	14.5
122-103-10	50	14.6	60	
122-104-10	75	16.7	79	17.5
122-105-10	100	18.8	94	17.9
122-106-10	125	19.1	106	18.3
122-107-10	150	18.2	118	18.5
122-108-10	175	16.8	130	18.9
122-109-10	200	18	143	17.7
122-110-10	225		156	18.7
122-115-10	250		169	
122-116-10	275		181	