

Technical Data

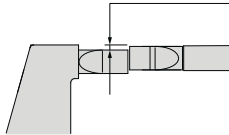
Parallelism: 3 μm / .00015" for models up to 75 mm / 3", (3+R/100) μm * for models over 75 mm, .0002" for 4" model

* R = max. range (mm).

Note: Fractions rounded up.

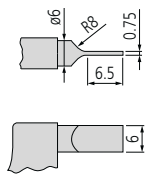


A maximum misalignment of 0.15 mm is guaranteed between the anvil and spindle in the vertical direction

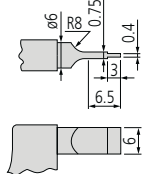


Note: Applies to a measuring range of 0-25 mm

Type A

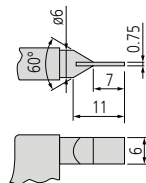


Type B

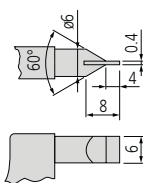


Unit: mm

Type C (carbide-tipped)



Type D (carbide-tipped)



SERIES 122 – Blade Micrometer

- The anvil and spindle are blade-shaped for measuring the groove diameter of shafts, keyways, and other hard-to-reach features.
- Equipped with Ratchet Stop for constant measuring force.
- Four types of blade shape are available (see diagrams below). Types C and D have carbide-tipped measuring faces.



122-101

Specifications

Metric					
Code No.	Range	Graduation	Accuracy	Remarks	
122-101	0-25 mm	0.01 mm	±3 μm	Type A	
122-102	25-50 mm				
122-103	50-75 mm				
122-104	75-100 mm		±4 μm		
122-105	100-125 mm				
122-106	125-150 mm		±5 μm		
122-107	150-175 mm				
122-108	175-200 mm		±6 μm		
122-109	200-225 mm				
122-110	225-250 mm				
122-115	250-275 mm		±3 μm		Type B
122-116	275-300 mm				
122-111	0-25 mm	0.01 mm	±3 μm	Type C	
122-112	25-50 mm				
122-161	0-25 mm	0.01 mm	±3 μm	Type D	
122-162	25-50 mm				
122-141	0-25 mm				
122-142	25-50 mm				
Inch					
Code No.	Range	Graduation	Accuracy	Remarks	Price
122-125	0-1"	.0001"	±.00015"	Type A	
122-126	1-2"				
122-127	2-3"				
122-128	3-4"		±.0002"		
122-135	0-1"				±.00015"
122-151	0-1"		Type D		

Dimensions

Range	L	a	b	c
0-25 mm	0	15	7.8	30
25-50 mm	25	14.5	12.2	49
50-75 mm	50		14.6	60
75-100 mm	75	17.5	16.7	79
100-125 mm	100	17.9	18.8	94
125-150 mm	125	18.3	19.1	106
150-175 mm	150	18.5	18.2	118
175-200 mm	175	18.9	16.8	130
200-225 mm	200	17.7	18	143
225-250 mm	225	18.7		156
250-275 mm	250			169
275-300 mm	275			181

