Caliper Type Micrometers
SERIES 143

143-101

SPECIFICATIONS

Metric

Code No.	Range (mm)	Graduation (mm)	Maximum permissible error J_{MPE} (µm)	Flatness (µm)	Parallelism (µm)
143-101	0 - 25	0.01	±5	0.3	3
143-102	25 - 50		±6		
143-103	50 - 75		±7		4
143-104	75 - 100		±8		
143-105	100 - 125		±9		
143-106	125 - 150				5
143-107	150 - 175		±10		
143-108	175 - 200				
143-109	200 - 225		±11		6
143-110	225 - 250				
143-111	250 - 275		±12		
143-112	275 - 300				7

Inch

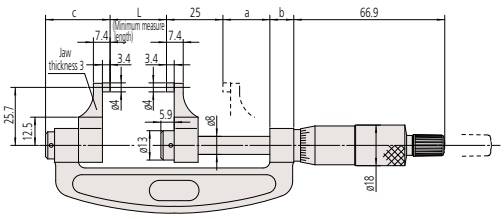
Code No.	Range (in)	Graduation (in)	Maximum permissible error J_{MPE} (in)	Flatness (in)	Parallelism (in)
143-121	0 - 1	0.001	±0.00025	0.000012	0.00012
143-122	1 - 2		±0.0003		
143-123	2 - 3		±0.00035		

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

DIMENSIONS

Analog
Measuring range up to 300 mm

Unit: mm



Range (mm)	L	a	b	C
Analog				
0 - 25	0	20.8	10.6	28.6
25 - 50	25			
50 - 75	50			
75 - 100	75			
100 - 125	100			
125 - 150	125			
150 - 175	150			
175 - 200	175			
200 - 225	200	16.3	15	32.5
225 - 250	225			
250 - 275	250			
275 - 300	275			

Mitutoyo reserves the right to change any or all aspects of any product specification, including prices, designs and service content, without notice.

Mitutoyo