Point Micrometers SERIES 112, 142

- Pointed spindle and anvil for measuring the web thickness of drills, small grooves, keyways, and other hard-to-reach dimensions.
- The measuring points have approximately 0.3 mm radius.
- Carbide measuring tips are also available.
- Equipped with Ratchet Stop for constant measuring force.



112-201

SPECIFICATIONS

Metric

Code No.	Range (mm)	Graduation (mm)	Maximum permissible error J_{MPE} (µm)	Point
Analog				
112-153	0 - 25	0.01	±3	15°
112-154	25 - 50			
112-155	50 - 75			
112-156	75 - 100		±4	
112-201	0 - 25		±3	30°
112-202	25 - 50			
112-203	50 - 75			
112-204	75 - 100		±4	
Analog (With carbide tip)				
112-165	0 - 25	0.01	±3	15°
112-166	25 - 50			
112-167	50 - 75			
112-168	75 - 100		±4	
112-213	0 - 25		±3	30°
112-214	25 - 50			
112-215	50 - 75			
112-216	75 - 100		±4	
Mechanical counter model				
142-153	0 - 25	0.01	±3	15°
142-201				30°

Inch

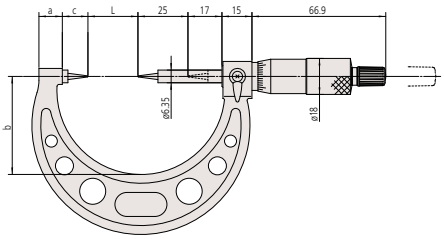
Code No.	Range (in)	Graduation (in)	Maximum permissible error J_{MPE} (in)	Point
Analog				
112-177	0 - 1	0.001	±0.00015	15°
112-178	1 - 2			
112-225	0 - 1			30°
112-226	1 - 2			
Analog (With carbide tip)				
112-189	0 - 1		±0.00015	15°
112-190	1 - 2			
112-191	2 - 3			
112-237	0 - 1			30°
112-238	1 - 2			
Mechanical counter model				
142-177	0 - 1		±0.00015	15°
142-225				30°

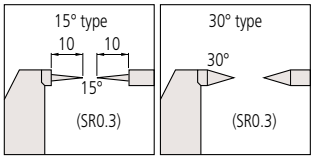
- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm (0 to 1 in) models), Spanner (**301336**), 1 pc.

DIMENSIONS

Analog models measuring range

Unit: mm





Code No.	L	a	b	c	Frame thickness
112-153	0	10	38	12.5	(9)
112-154	25	12	49		(10)
112-155	50	14	60		(11)
112-156	75	16.7	79	15.3	(13)

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