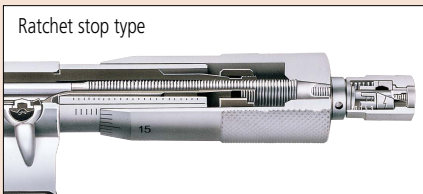




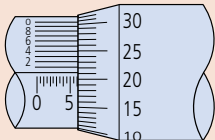
Measurement example



Mechanism



Micrometer with Vernier scale (graduation: 0.001 mm)



Outside Micrometers  
SERIES 102

- Standard analog micrometer. Thanks to a heat-insulated frame, it is resistant to heat and therefore delivers accurate measurement results.
- Cut-away frame (behind anvil) for measuring in hard-to-reach places.
- Equipped with Ratchet Stop for constant measuring force.
- Measuring faces: Carbide tipped



Ratchet stop  
102-301

SPECIFICATIONS

Metric							
Code No.	Range (mm)	Graduation (mm)	Measuring force (N)	Maximum permissible error $J_{MPE}$ ( $\mu$ m)	Flatness ( $\mu$ m)	Parallelism ( $\mu$ m)	Constant measuring force
102-301	0 - 25	0.01	5 - 10	$\pm 2$	0.6	2	Ratchet stop
102-302	25 - 50						
102-303	50 - 75						
102-304	75 - 100						

Metric With vernier scale							
Code No.	Range (mm)	Graduation (mm)	Measuring force (N)	Maximum permissible error $J_{MPE}$ ( $\mu$ m)	Flatness ( $\mu$ m)	Parallelism ( $\mu$ m)	Constant measuring force
102-311	0 - 25	0.001	5 - 10	$\pm 1$	0.3	1	Ratchet stop
102-313							Friction thimble
102-312	25 - 50			$\pm 2$			Ratchet stop

Inch							
Code No.	Range (in)	Graduation (in)	Measuring force (N)	Maximum permissible error $J_{MPE}$ (in)	Flatness (in)	Parallelism (in)	Constant measuring force
102-327-10	0 - 1	0.0001	5 - 10	$\pm 0.0001$	0.000024	0.00008	Ratchet stop
102-329-10							Friction thimble
102-328-10	1 - 2						Ratchet stop
102-330-10							Friction thimble
102-331-10	2 - 3						Ratchet stop
102-332-10	3 - 4			$\pm 0.00015$		0.00012	Ratchet stop

Metric Micrometer set		
Code No.	Range (mm)	Models included
102-911-40	0 - 100 (Four micrometers per set)	<ul style="list-style-type: none"> <li>• 102-301</li> <li>• 102-302</li> <li>• 102-303</li> <li>• 102-304</li> <li>• 3 micrometer standards</li> </ul>

- Standard accessories: Setting standard, 1 pc. (except for measuring range 0 to 25 mm models)
- Spanner (301336), 1 pc. (for measuring range 0 to 25 mm/25 to 50 mm models)
- Spanner (200877), 1 pc. (for measuring range 50 to 75 mm/75 to 100 mm models)

DIMENSIONS

Range (mm)	L	a	b	c
0 - 25	0	5	26	2.5
25 - 50	25	7.8	32	
50 - 75	50	10.6	45	
75 - 100	75	11	58	



Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của NPOWER  
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