

Internal Groove Micrometers

Series 146

This Internal Groove Micrometer is designed to measure the width and location of grooves cut into bore walls.

It offers the following features:

- Two-directional ratchet stop.
- Non-rotating spindle models are also available.



Metric

Non-rotating spindle type

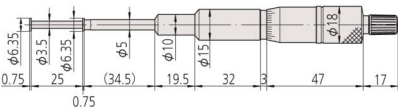
No.	Range Out-side	Range Inside	Parallelism	Maximum Per-missible Error J MPE	Graduation	Measuring force [N]	Mass [g]	L [mm]	I [mm]
146-221	0-25 mm	1,6-26,5 mm	10 µm	±10 µm	0,01 mm	5-10	135		
146-222	0-25 mm	1,6-26,5 mm	10 µm	±10 µm	0,01 mm	5-10	185	25	115
146-223	25-50 mm	26,5-51,5 mm	10 µm	±10 µm	0,01 mm	5-10	175	50	90
146-224	50-75 mm	51,5-76,5 mm	10 µm	±10 µm	0,01 mm	5-10	165	75	65
146-225	75-100 mm	76,5-101,5 mm	10 µm	±10 µm	0,01 mm	5-10	160	100	40

Metric

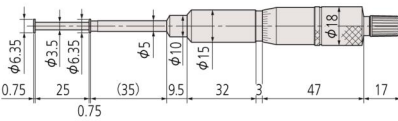
Rotating spindle type

No.	Range Out-side	Range Inside	Parallelism	Maximum Per-missible Error J MPE	Graduation	Measuring force [N]	Mass [g]	L [mm]	I [mm]
146-121	0-25 mm	1,6-26,5 mm	10 µm	±10 µm	0,01 mm	5-10	135		
146-122	0-25 mm	1,6-26,5 mm	10 µm	±10 µm	0,01 mm	5-10	185	25	103,3
146-123	25-50 mm	26,5-51,5 mm	10 µm	±10 µm	0,01 mm	5-10	175	50	78,3
146-124	50-75 mm	51,5-76,5 mm	10 µm	±10 µm	0,01 mm	5-10	165	75	53,3
146-125	75-100 mm	76,5-101,5 mm	10 µm	±10 µm	0,01 mm	5-10	160	100	28,3

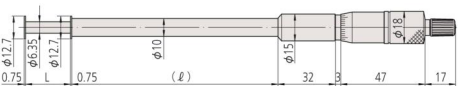
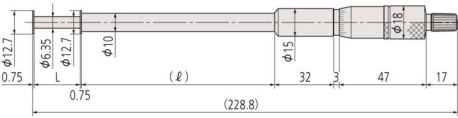
Unit: mm



146-221



146-121



Specifications

Measuring face	Hardened steel
Measuring spindle	Spindle pitch 0,5 mm
Delivered	Including box, key

