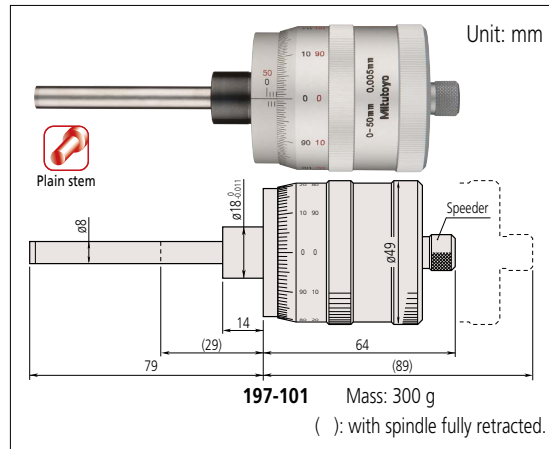


Technical Data

- Measuring face
Material: Carbide
Hardness: 90 HRA or more
Lapped
- Scale finishing:
White anodized aluminum

Micrometer Heads SERIES 197 — Long Stroke Non-rotating Spindle

DIMENSIONS



- Large thimble micrometer head with non-rotating spindle.
- Floating thimble allows easy zero setting at any spindle position.
- Dual-spindle mechanism for quick feed of 1 mm/rev (standard models: 0.5 mm/rev).

SPECIFICATIONS

Metric								
Order No.	Stroke	Graduation	Graduation features	Stem dia.	Stem	Spindle end	Spindle pitch	Maximum permissible error J_{MPE}
197-101	50 mm	0.005 mm	Bidirectional	18 mm	Plain	Flat (carbide tip)	1 mm	$\pm 5 \mu\text{m}$

Inch								
Order No.	Stroke	Graduation	Graduation features	Stem dia.	Stem	Spindle end	Spindle pitch	Maximum permissible error J_{MPE}
197-201	2 in	0.0002 in	Bidirectional	0.709 in	Plain	Flat (carbide tip)	0.05 in	± 0.0001 in

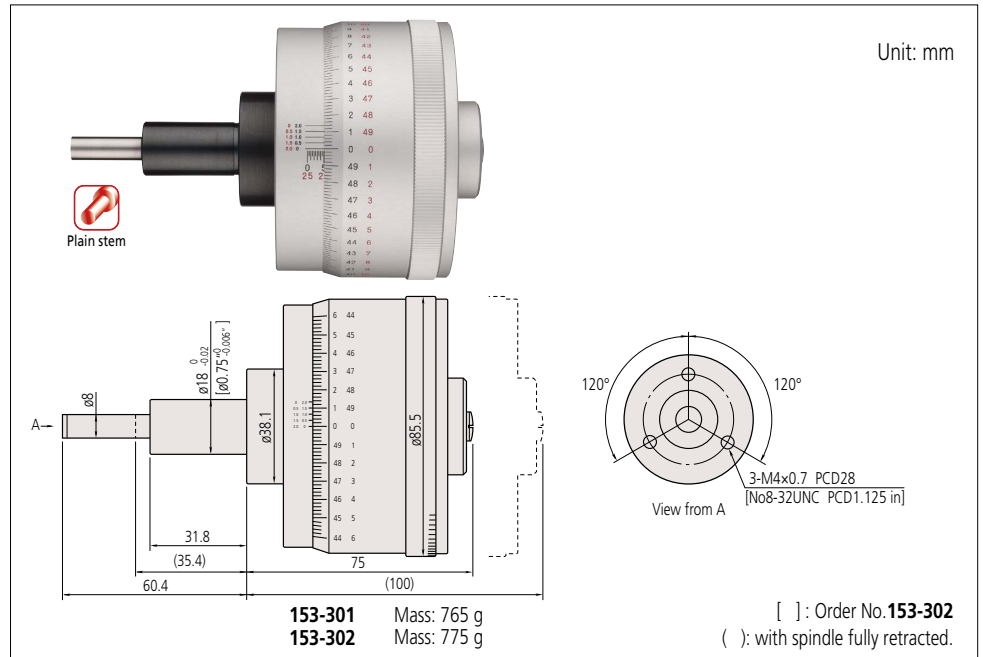
Micrometer Heads SERIES 153 — High Accuracy and Resolution

Technical Data

- Measuring face
Material: Carbide
Hardness: 90 HRA or more
Lapped
- Scale finishing:
White anodized aluminum

- Fine graduation and high resolution model.
- Non-rotating spindle type.

DIMENSIONS



SPECIFICATIONS

Metric								
Order No.	Stroke	Graduation	Graduation features	Stem dia.	Stem	Spindle end	Spindle pitch	Maximum permissible error J_{MPE}^*
153-301	25 mm	0.0005 mm (vernier)	Bidirectional	18 mm	Plain	Flat (carbide tip)	0.5 mm	$\pm 1/\pm 0.5 \mu\text{m}$

Inch								
Order No.	Stroke	Graduation	Graduation features	Stem dia.	Stem	Spindle end	Spindle pitch	Maximum permissible error J_{MPE}^*
153-302	1 in	0.00001 in (vernier)	Bidirectional	0.75 in	Plain	Flat (carbide tip)	0.025 in	± 0.00005 in/ ± 0.00003 in

* Wide range/narrow range