Micrometer Head

The origin of Mitutoyo's trustworthy brand of small tool instruments

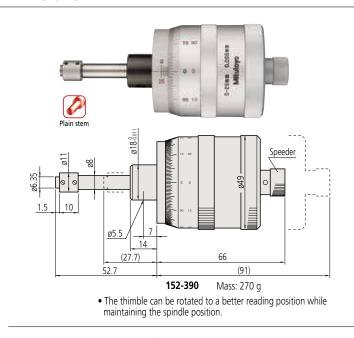
Micrometer Heads SERIES 152 — XY-Stage Type

 Micrometer heads especially designed for accurate cross-travel stage translation in X and Y axes.

DIMENSIONS

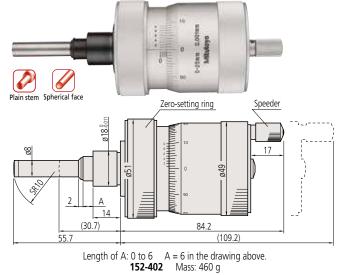
Technical Data

- Measuring face
 Material: Carbide
 (152-389/390/391/392 are alloy tool steel)
 Hardness: 90 HRA or more
 (152-389/390/391/392 are 60 HRC or more)
 Lapped
- Lapped
 Scale finishing:
 White anodized aluminum



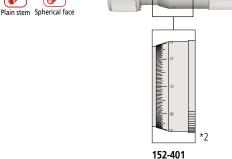


*1 Other dimensions are the same as 152-390.



• The zero-setting ring allows spindle movement without thimble

position change for easy zero setting.



*2 Other dimensions are the same as **152-402**.

(): with spindle fully retracted.

SPECIFICATIONS

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Metric —								
	Order No.	Stroke (mm)	Graduation (mm)	Accuracy (µm)	Stem dia. (mm)	Stem	Spindle pitch (mm)	Graduation features
	152-390 152-389	25	0.005	±2	18	Plain	1	for Y-axis, bidirectional
	152-402 152-401		0.001 Vernier graduation					for Y-axis, with Vernier
Inch								
	Order No.	Stroke (in)	Graduation (in)	Accuracy (in)	Stem dia. (in)	Stem	Spindle pitch (in)	Graduation features
	152-392 152-391	1	0.0001	±0.0001	0.709	Plain	0.025	for Y-axis, bidirectional

