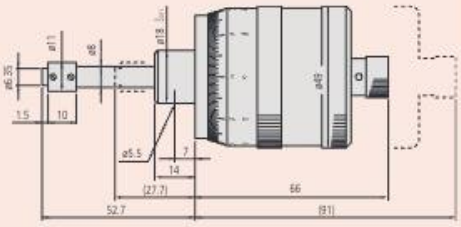
Micrometer Heads for XY-Stage

Specifications

Measuring face	Hardened steel (>60 HRC) 152-390, 152-389



152-390



152-389

Series 152 - XY Stage type

These XY Stage type micrometer heads let you read measurement values easily.
They offer the following benefits:

- Micrometer heads especially designed for accurate cross-travel stage translation in X and Y axes.
- Spindle end: Flat form and hardened, or spherical with carbide tip (more than HRA90), lapped surface.



152-389



152-390

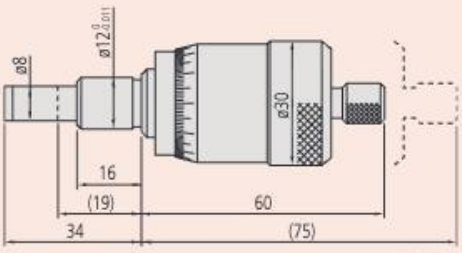
Metric

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Spindle end	Spindle pitch [mm]	Stem Ø [mm]	Stem	Special features	Mass [g]
152-389	0 - 25	0,005 mm	±2 µm	Flat with non-rotating device	1	18	Plain	For Y-axis Bidirectional grad.	270
152-390	0 - 25	0,005 mm	±2 µm	Flat with non-rotating device	1	18	Plain	For X-axis Bidirectional grad.	270

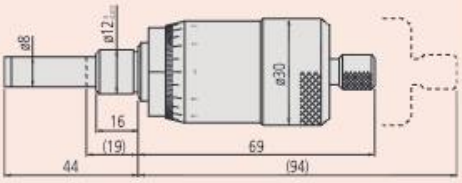
Quick Spindle Feed Micrometer Heads

Specifications

Measuring face	Carbide-tipped



152-101



152-102

(): with spindle full retracted

Series 152 - Quick spindle feed of 1/rev

This is a quick spindle micrometer head.
It offers you the following benefits:

- Micrometer head with 1 mm / rotation



152-101



152-102

Metric

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Spindle end	Spindle pitch [mm]	Stem Ø [mm]	Stem	Mass [g]
152-101	0 - 15	0,01 mm	±2 µm	Flat	1	12	Plain	205
152-102	0 - 25	0,01 mm	±2 µm	Flat	1	12	Plain	230

All products to be sold to commercial customers.
Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon.

Mitutoyo