

# Micrometer Heads with Non-Rotating Spindle

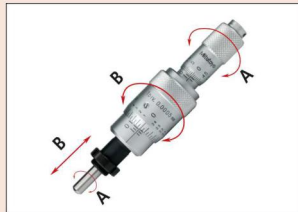
## Specifications

Measuring face

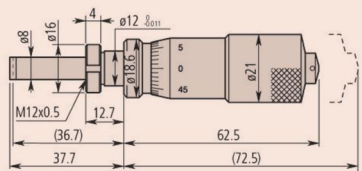
Carbide-tipped



Version with non-rotating spindle



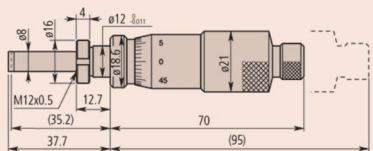
Version with rotating spindle  
110-502



110-105  
110-106

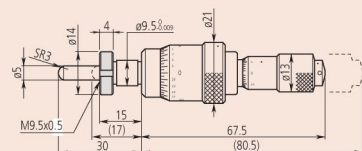


110-107  
110-108



110-101  
110-102

(): with spindle full retracted



110-502

## Series 110 - Differential screw translator (Extra-fine feed) type

This is a differential screw translator (extra-fine feed) type of micrometer head.

It offers you the following benefits:

- Micrometer head with ultra-fine rate of travel.
- With its non-rotating spindle it is particularly suited to fine adjustments.
- The differential travel mechanism with double spindle enables ultra-sensitive travel



110-102



110-502

## Metric

No.	Range [mm]	Maximum Permissible Error J MPE	Graduation	Spindle end	Stem Ø	Stem	Fixture thickness for clamp nut [mm]	Special features	Mass [g]
110-105	0 - 1	$\pm 3 \mu\text{m} / \pm 1,5 \mu\text{m}$	0,001 mm	Flat	12 mm	w/ clamp nut	9,5		150
110-106	0 - 1	$\pm 3 \mu\text{m} / \pm 1,5 \mu\text{m}$	0,0001 mm	Flat	12 mm	w/ clamp nut	9,5		150
110-107	0 - 1	$\pm 3 \mu\text{m} / \pm 1,5 \mu\text{m}$	0,001 mm	Spherical (SR10)	12 mm	w/ clamp nut	9,5		150
110-108	0 - 1	$\pm 3 \mu\text{m} / \pm 1,5 \mu\text{m}$	0,0001 mm	Spherical (SR10)	12 mm	w/ clamp nut	9,5		150
110-101	0 - 2,5	$\pm 5 \mu\text{m} / \pm 1,5 \mu\text{m}$	0,001 mm	Flat	12 mm	w/ clamp nut	9,5		150
110-102	0 - 2,5	$\pm 5 \mu\text{m} / \pm 1,5 \mu\text{m}$	0,0001 mm	Flat	12 mm	w/ clamp nut	9,5		150
110-502	0 - 13	$\pm 3 \mu\text{m} / \pm 1,5 \mu\text{m}$	A: 0,01 mm / B: 0,0005 mm	Spherical (SR3)	9,5 mm	w/ clamp nut	11,5	Range A: 0-13 mm, Range B: 0-0,2 mm	100