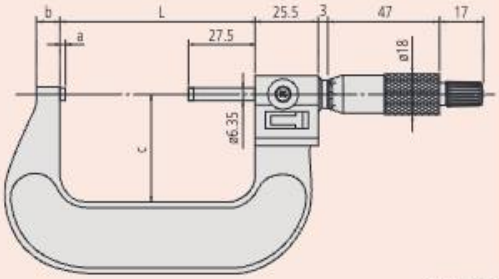
Digit Outside Micrometers

Specifications

Measuring face	Carbide-tipped, micro-lap finish
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm
Scale	Thimble and sleeve satin chrome finish ø18 mm
Delivered	Including box, setting standard (from 25 mm upward), key



193-902



193-112

Series 193

This Digit Outside Micrometer comes with a mechanical counter and offers you the following benefits:

- Mechanical Digit counter
- Quick and easy reading



193-101

Metric Graduation 0.001 mm is obtained with vernier on sleeve

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Variation in length V MPE	Class EN ISO 3611	Measuring force [N]	L [mm]	a [mm]	b [mm]	c [mm]	Mass [g]
193-111	0–25	0,001 mm	±2 µm	2 µm	Class 2	5-15	30	2,5	5	26	224
193-112	25–50	0,001 mm	±2 µm	2 µm	Class 2	5-15	55	2	8	32	275
193-113	50–75	0,001 mm	±2 µm	2 µm	Class 1	5-15	80	2	9	45	379
193-114	75–100	0,001 mm	±3 µm	3 µm	Class 2	5-15	105	2	9	57	489

Metric Graduation 0.01 mm

No.	Range [mm]	Graduation	Max. Permissible Error E MPE	Variation in length V MPE	Class EN ISO 3611	Measuring force [N]	L [mm]	a [mm]	b [mm]	c [mm]	Mass [g]
193-101	0–25	0,01 mm	±2 µm	2 µm	Class 2	5-15	30	2,5	5	26	224
193-102	25–50	0,01 mm	±2 µm	2 µm	Class 2	5-15	55	2	8	32	275
193-103	50–75	0,01 mm	±2 µm	2 µm	Class 1	5-15	80	2	9	45	379
193-104	75–100	0,01 mm	±3 µm	3 µm	Class 2	5-15	105	2	9	57	489

Metric Micrometer set

No.	Range [mm]	Graduation	Measuring force [N]	Content of Set	Mass [g]
193-901	0–75	0,01 mm	5-15	193-101, 193-102, 193-103, 2 setting standards	820
193-902	0–100	0,01 mm	5-15	193-101, 193-102, 193-103, 193-104, 3 setting standards	1367

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