

Digit Outside Micrometers

Series 193

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

- Mechanical Digit counter
- Quick and error-free reading

Specifications

Measuring face	Carbide-tipped, micro-lap finish
Measuring spindle	With spindle lock, ϕ 6,35 mm, spindle pitch 0,5 mm
Delivered	Including box, setting standard (from 25 mm upward), key



193-902



193-101

Metric

Graduation 0.001 mm is obtained with vernier on sleeve

No.	Range [mm]	Flatness	Maximum Permissible Error J MPE	Graduation	Measuring force [N]	Mass [g]	L [mm]	a [mm]	b [mm]	c [mm]
193-111	0 - 25	0,6 μ m	$\pm 2 \mu$ m	0,001 mm	5-15	224	30	2,5	5	26
193-112	25 - 50	0,6 μ m	$\pm 2 \mu$ m	0,001 mm	5-15	275	55	2	8	32
193-113	50 - 75	0,6 μ m	$\pm 2 \mu$ m	0,001 mm	5-15	379	80	2	9	45
193-114	75 - 100	0,6 μ m	$\pm 3 \mu$ m	0,001 mm	5-15	489	105	2	9	57

Metric

Graduation 0.01 mm

No.	Range [mm]	Flatness	Maximum Permissible Error J MPE	Graduation	Measuring force [N]	Mass [g]	L [mm]	a [mm]	b [mm]	c [mm]
193-101	0 - 25	0,6 μ m	$\pm 2 \mu$ m	0,01 mm	5-15	224	30	2,5	5	26
193-102	25 - 50	0,6 μ m	$\pm 2 \mu$ m	0,01 mm	5-15	275	55	2	8	32
193-103	50 - 75	0,6 μ m	$\pm 2 \mu$ m	0,01 mm	5-15	379	80	2	9	45
193-104	75 - 100	0,6 μ m	$\pm 3 \mu$ m	0,01 mm	5-15	489	105	2	9	57

Metric

Micrometer set

No.	Range [mm]	Flatness	Graduation	Measuring force [N]	Content of Set	Mass [g]
193-901	0 - 75	0,6 μ m	0,01 mm	5-15	193-101, 193-102, 193-103, 2 setting standards	820
193-902	0 - 100	0,6 μ m	0,01 mm	5-15	193-101, 193-102, 193-103, 193-104, 3 setting standards	1367

