

MICROMETERS

“Micron” Outside Micrometers

Series 406, 106 – Non-Rotating Spindle for Flush Reading



Features

- Non-rotating spindle eliminates torque on workpiece.
- Carbide-tipped measuring faces.
- Spindle diameter 406 series: .25" (6.35mm)
106 series: .315" (8.0mm)
- The 406 series can be linked to the SPC system.
- Digimatic functions same as the Digimatic Outside Micrometers series 293 at the first pages of this section.

Accuracy

- Flatness: .000012"/0.3μm
- Parallelism: within .00016"/4μm for 406 series, within .00008"/2μm for 106 series

Specifications

Digimatic “Micron” Outside Micrometers

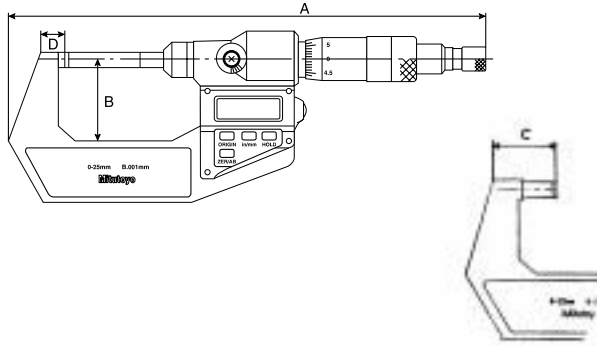
Inch/Metric

Order No.	Range	Resolution	Accuracy	Remarks
406-721-30	0–1" 0–25.4mm	.00005" 0.001mm	±.00015"	Ratchet Stop
406-722-30	1–2" 25.4–50.8mm	.00005" 0.001mm	±.00015"	Ratchet Stop
406-723-30	2–3" 50.8–76.2mm	.00005" 0.001mm	±.00015"	Ratchet Stop
406-724-30	3–4" 76.2–101.6mm	.00005" 0.001mm	±.0002"	Ratchet Stop

For SPC output order connecting cable **937387** (1m) or **965013** (2m). Replacement Battery: **541980** (1pc), **541980-10** (10 pcs/SET)

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Dimensions

Order No.	A	B	C	D
406-721-30	7.66"	1.28"	—	.37"
406-722-30	9.07"	1.85"	—	.46"
406-723-30	10.3"	2.36"	—	.50"
406-724-30	11"	3.54"	0.89"	—

Specifications

Inch

Order No.	Range	Resolution	Accuracy	Remarks
106-102	0–1"	.0001"	±.0001"	Friction Thimble
106-104	1–2"	.0001"	±.0001"	Friction Thimble

Metric

Order No.	Range	Resolution	Accuracy	Remarks
106-101	0–25mm	0.001mm	±0.002mm	Friction Thimble