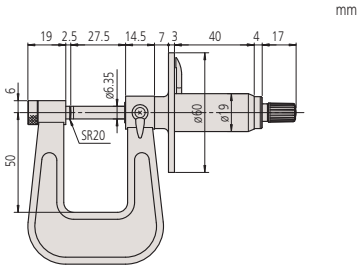
Sheet Metal Micrometer graduated dial

Series 119

- Features a deep frame and easily read graduated dial for measuring the thickness of sheet material.



119-202

Metric — Dial reading model

No.	Range	Accuracy	Throat depth mm	Mass g
119-202	0-25 mm	±4 µm	50 mm	305

Specifications

Accuracy	Refer to the list of specifications
Graduation	0,01 mm
Scales	Thimble and sleeve satin chrome finish
Measuring surfaces	Convex anvil and flat spindle
Frame	Enamelled
Measuring spindle	ø6,35 mm, with spindle lock

The Series 119 is provided with a dial for making easy and quick reading.

Hub Micrometer

Series 147

- Designed with a very small throat depth for measuring hub thickness, shouldered features inside a bore, bearing bushings, etc.

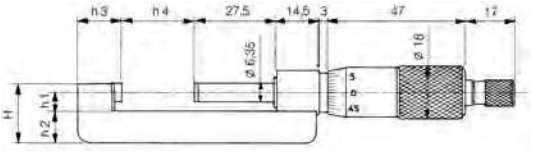
147-301

Metric

No.	Range	Accuracy	H mm	h1 mm	h2 mm	h3 mm	h4 mm	Mass g
147-302	25-50 mm	±2 µm	20.5	6.5	11	14	25	150
147-303	50-75 mm	±2 µm	20.5	6.5	11	13	50	170
147-304	75-100 mm	±3 µm	20.5	6.5	11	13	75	185

Inch

No.	Range	Accuracy	H mm	h1 mm	h2 mm	h3 mm	h4 mm	Mass g
147-351	0 - 1"	±0,0001"	17.5	6	8.5	13.5	0	135
147-352*	1 - 2"	±0,0001"	20.5	6.5	11	14	25.4	150
147-353*	2 - 3"	±0,0001"	20.5	6.5	11	13	50.8	170
147-354*	3 - 4"	±0,00015"	20.5	6.5	11	13	76.2	185



Specifications

Accuracy	Refer to the list of specifications
Graduation	0,01 mm or 0.001"
Scales	Thimble and sleeve satin chrome finish, ø18 mm
Flatness	0,6 µm
Parallelism	(2+L/100) µm L=max. range (mm)
Measuring surfaces	Carbide tipped, micro-lap finish
Frame	Enamelled
Measuring spindle	Spindle pitch 0,5 mm
Measuring force	5-10 N
Delivered	Including box, setting standard (from 25 mm upward), key