SERIES 123 – Disc Micrometer

1 µm/.00004" for models up to

 $4~\mu m$ / .00016" for models up to 50 mm / 2", 6 μm / .00024" for models up to 100 mm, (5+R/75) μm^* for models over 100 mm, .00024" for

100 mm /4", 1.6 $\mu m/.000063"$ for models over 100 mm/4"

- Can be used for making root tangent measurements on spur gears and helical gears. (See *Quick Guide to Micrometers* at the end of this section.)
- Equipped with Ratchet Stop for constant measuring force.
- Supplied with a setting standard (except for 0-25 mm/0-1" measuring range).



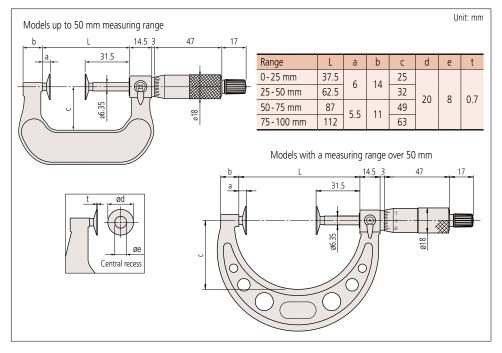
SPECIFICATIONS

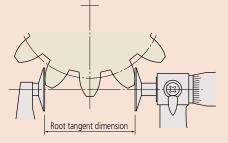
Metric

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Range	Graduation	Accuracy	Anvil dia.	Measurable module	Price
0-25 mm	0.01 mm	±4 μm	ø20 mm	0.5-6	£166.00
25 - 50 mm					£187.00
50-75 mm		±6 μm			£204.00
75 - 100 mm					£207.00
Range	Graduation	Accuracy	Anvil dia.	Measurable module	Price
0 - 1 "	.001"	±.0002"	.787"	0.5-6	£166.00
1-2"					£187.00
2-3"		±.0003"			£204.00
3-4"					£216.00
	0-25 mm 25-50 mm 50-75 mm 75-100 mm Range 0-1" 1-2" 2-3"	0-25 mm 25-50 mm 50-75 mm 75-100 mm	0-25 mm ±4 μm 25-50 mm 0.01 mm 50-75 mm ±6 μm 75-100 mm ±6 μm Range Graduation Accuracy 0-1" ±.0002" 1-2" .001" 2-3" ±.0003"	0 - 25 mm Δ.01 mm ±4 μm #20 mm 50 - 75 mm 0.01 mm ±6 μm #20 mm 75 - 100 mm ±6 μm ±6 μm #20 mm Range Graduation Accuracy Anvil dia. 0 - 1" ±.0002" ±.0002" .787" 2 - 3" .001" ±.0003" .787"	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

DIMENSIONS





models up to 4"

Technical Data

Flatness:

Parallelism:

* R = max. range (mm)

Root tangent (En)

Note: Fractions rounded up

Mitutoyo