

# Micrometers

## SERIES 114 – Three-Flute V-Anvil Micrometer

- Measures the outside diameter of cutting tools (such as taps, reamers, end mills) which have three flutes.
- Can measure pitch diameter of screw threads.
- Equipped with Ratchet Stop for constant measuring force.

B



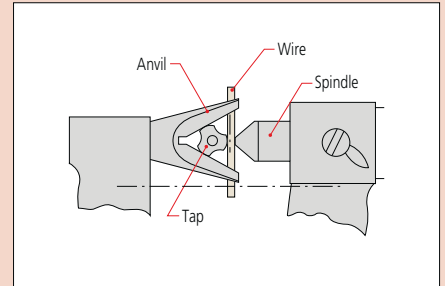
114-101



114-102

### Optional Accessories

Setting standards refer to page B-67.



Pitch diameter measurement of tap by single-wire method.

### Specifications

#### Metric

Code No.	Range	Graduation	Accuracy	Remarks	Anvil	Carbide tip
114-204	2.3 - 25 mm	0.01 mm	±4 μm	—	60°	Anvil and spindle
114-101	1 - 15 mm		±4 μm	Grooved		Spindle
114-102	10 - 25 mm		±4 μm	—		Spindle
114-103	25 - 40 mm		±5 μm	—		Spindle
114-104	40 - 55 mm		±6 μm	—		Spindle
114-105	55 - 70 mm		±6 μm	—		Spindle
114-106	70 - 85 mm		±7 μm	—		Spindle
114-161	1 - 15 mm		±4 μm	—		Spindle
114-162	10 - 25 mm		±4 μm	—		Spindle

#### Inch

Code No.	Range	Graduation	Accuracy	Remarks	Anvil	Carbide tip
114-163	.05 - .6"	.0001"	±.0002"	—	60°	Spindle
114-113	1 - 1.6"		±.00025"	—		Spindle

### Dimensions

Unit: mm

Range	(a)
For 3-flute cutting tools	
10 - 25 mm	6.2
25 - 40 mm	19.14
40 - 55 mm	32.13
55 - 70 mm	45.12
70 - 85 mm	58.11

114-103: Grooveless model, Grooved model