

Blade Micrometers

SERIES 422,122 — Non-Rotating Spindle Type

FEATURES

- The anvil and the spindle have a blade for measuring the groove diameter of shafts, keyways, and other hard-to-reach portions.
- With Ratchet Stop for constant force.
- Speedy spindle feed of 10mm/rev. (Quickmike type).



422-230



Quickmike type

422-411



122-101

SPECIFICATIONS

Metric	Digital model		
Range	Order No.	Accuracy	Remarks
0 - 25mm	422-230	±3µm	Type A
	422-260	±3µm	Type B
	422-270	±3µm	Type C
	422-271	±3µm	Type D
	422-231	±3µm	Type A
25 - 50mm	422-261	±3µm	Type B
	422-232	±3µm	Type A
50 - 75mm	422-233	±4µm	Type A

Metric	Quickmike type		
Range	Order No.	Accuracy	
0 - 30mm	422-411	±3µm	
25 - 55mm	422-412	±3µm	

Metric			
Range	Order No.	Accuracy	Remarks
0 - 25mm	122-101	±3µm	Type A
	122-111	±3µm	Type B
	122-161	±3µm	Type C
	122-141	±3µm	Type D
	122-102	±3µm	Type A
25 - 50mm	122-112	±3µm	Type B
	122-162	±3µm	Type C
	122-142	±3µm	Type D
	122-103	±3µm	Type A
75 - 100mm	122-104	±4µm	Type A
100 - 125mm	122-105	±4µm	Type A
125 - 150mm	122-106	±4µm	Type A
150 - 175mm	122-107	±5µm	Type A
175 - 200mm	122-108	±5µm	Type A

Inch/Metric	Digital model		
Range	Order No.	Accuracy	Remarks
0 - 1"	422-330	±.00015"	Type A
	422-360	±.00015"	Type B
	422-370	±.00015"	Type C
	422-371	±.00015"	Type D
	422-331	±.00015"	Type A
1" - 2"	422-361	±.00015"	Type B
	422-332	±.00015"	Type A
2" - 3"	422-333	±.0002"	Type A

Inch/Metric	Quickmike type		
Range	Order No.	Accuracy	
0 - 1.2"	422-421	±.00015"	
1" - 2.2"	422-422	±.00015"	

Inch			
Range	Order No.	Accuracy	Remarks
0 - 1"	122-125	±.00015"	Type A
	122-135	±.00015"	Type B
	122-151	±.00015"	Type D
	122-126	±.00015"	Type A
2" - 3"	122-127	±.00015"	Type A
3" - 4"	122-128	±.0002"	Type A



Technical Data

Accuracy: Refer to the list of specifications.
(excluding quantizing error for digital models)
Resolution*: 0.001mm or .00005"/0.001mm
Graduation**: 0.01mm or .0001"
Parallelism: 3µm for models up to 75mm
(3+R/100)µm for models over 75mm,
R = max. range (mm) *fraction rounded up
Display*: LCD
Battery*: SR44 (1 pc.), 938882
Battery life*: Approx. 1.2 years under normal use
*Digital models **Analog models

Function of Digital Model

Origin-set, Zero-setting, Data hold, Automatic power ON/OFF, Data output, inch/mm conversion (inch/mm models)
Alarm: Low voltage, Counting value composition error

Optional Accessory for Digital Model

05CZA662: SPC cable with data switch (1m)
05CZA663: SPC cable with data switch (2m)
937387: SPC cable for Quickmike type (1m)
965013: SPC cable for Quickmike type (2m)

TYPE AND DIMENSION

