

Digimatic Blade Micrometers

Series 422

This Digimatic Blade Micrometer is designed to help you measure hard-to-reach features. It offers the following benefits:

- Blade-shaped anvil and spindle for measuring the groove diameter of shafts, keyways and other hard-to reach features
- Non-rotating spindle



422-230-30

Metric

No.	Range [mm]	Parallelism	Digital step	Maximum Permissible Error J MPE	Anvil / Spindle	Mass [g]	L [mm]	a [mm]	b [mm]	c [mm]
422-230-30	0 - 25	3 µm	0,001 mm	±3 µm	Type A, hardened steel t=0,75 mm	365	65,6	12,5	11	31
422-260-30	0 - 25	3 µm	0,001 mm	±3 µm	Type B, spherical anvil and spindle SR=4 mm	365	65,6	12,5	11	31
422-270-30	0 - 25	3 µm	0,001 mm	±3 µm	Type C, carbide t=0,75 mm	365	65,6	12,5	11	31
422-271-30	0 - 25	3 µm	0,001 mm	±3 µm	Type D, carbide t=0,4 mm	365	65,6	12,5	11	31
422-231-30	25 - 50	3 µm	0,001 mm	±3 µm	Type A, hardened steel t=0,75 mm	565	90,7	12,6	12,2	50
422-261-30	25 - 50	3 µm	0,001 mm	±3 µm	Type B, spherical anvil and spindle SR=4 mm	565	90,7	12,6	12,2	50
422-232-30	50 - 75	3 µm	0,001 mm	±3 µm	Type A, hardened steel t=0,75 mm	465	105,3	13,5	14,1	57
422-233-30	75 - 100	4 µm	0,001 mm	±4 µm	Type A, hardened steel t=0,75 mm	580	132,8	16	16,7	76

Functions	Series 422
ORIGIN	●
ZERO/ABS	●
Auto Power OFF after 20 min. non use	●
Low voltage alarm	●
Function lock	●
HOLD	●

Specifications

Display	LCD, character height 7,5 mm
Measuring face	Hardened steel or carbide-tipped
Measuring spindle	With spindle lock, ø 6,35 mm, spindle pitch 0,5 mm
Scale	Thimble and sleeve satin chrome finish
Measuring force	3-8 N
Power supply	1 battery SR-44
Battery life	Approx. 2,4 years
Delivered	Including box, key, 1 battery, setting standard (from 25 mm upward)

Optional accessories

No.	Description
05CZA662	Digimatic Cable with Data Button IP Type, 1m, Micrometer Type
05CZA663	Digimatic Cable with Data Button IP Type, 2m, Micrometer Type
06AFM380B	USB Input Tool Direct (Digimatic USB), Digi/Digi2, With Data Button IP Micrometer Type
264-622	U-WAVE fit, IP67 Type, Wireless Transmitter for Micrometer
264-623	U-WAVE fit, Buzzer Type, Wireless Transmitter for Micrometer
02AZF310	Connection Unit, U-WAVE fit, Waterproof Type

Consumable spares

No.	Description
938882	Battery SR44 1.5V

