

# Gauge Blocks

Length Standards Brought to You by Mitutoyo



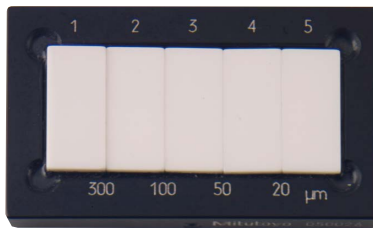
An inspection certificate is supplied as standard. Refer to page U-11 for details.

## Step Master SERIES 516

- The height of each step incrementally decreases from block No. 1 to block No. 5.
- Each step is defined as the difference in height between the centers of adjacent blocks, measured to a resolution of 0.01  $\mu\text{m}$  by using an interferometer with an accuracy tolerance of within  $\pm 0.20 \mu\text{m}$ .
- Steel and ceramic types are available to suit the application.
- Height differences are measured between the centers of adjacent steps.



Steel type  
516-199



Ceramic type  
516-499

## SPECIFICATIONS

Steel type

Order No.	516-198					516-199				
Block No.	1	2	3	4	5	1	2	3	4	5
Cumulative step ( $\mu\text{m}$ )	0	10	15	17	18	0	300	400	450	470
Step value between adjacent blocks ( $\mu\text{m}$ )		10	5	2	1		300	100	50	20

Ceramic type

Order No.	516-498					516-499				
Block No.	1	2	3	4	5	1	2	3	4	5
Cumulative step ( $\mu\text{m}$ )	0	10	15	17	18	0	300	400	450	470
Step value between adjacent blocks ( $\mu\text{m}$ )		10	5	2	1		300	100	50	20

Note: ○○○ - ○○○ -24: Provided with Calibration Certificate

## DIMENSIONS

