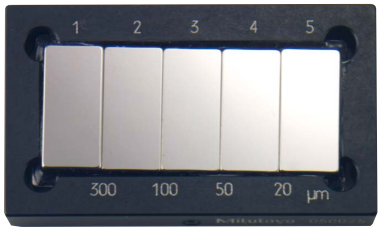
Step Master
SERIES 516

- Step master is a master gage used for the z-axis (vertical direction) calibration of optical instruments.
- Each step is defined as the difference in height between the centers of adjacent blocks, measured to a resolution of 0.01 µm by using an interferometer with an accuracy tolerance of ±0.20 µm.
- 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 (µm)	0	10	15	17	18	0	300	400	450	470
Step value between adjacent blocks (µm)		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 (µm)	0	10	15	17	18	0	300	400	450	470
Step value between adjacent blocks (µm)		10	5	2	1		300	100	50	20

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

DIMENSIONS