

Specifications

Accuracy | EN ISO 3650

Suffix No. (-X) for Selecting Certificate Provided

ISO/DIN/JIS		
Suffix No.	Inspection Certificate	Calibration Certificate
1	○	—
6	○	○

Suffix No. 1: Not available for Grade K sets.

Ceramic Gauge Block Sets Thin Block Sets

Series 516 - 0.001 step

These block sets offer you the following benefits:

- Thin block set, 0.001mm step.
- Ordering example: To order an ISO Standard 18-block grade 1 set with calibration certificate, choose 516-375-60.



Calibration
Certificate



Inspection
Certificate



CERA 18-block set



CERA 9-block

Blocks per Set	No.	Standard / grade available and Suffix No. *	Block allocation
18	516-373	0,991 - 0,999	0,001 9
	516-374	1,001 - 1,009	0,001 9
	516-375		
	516-376		
9	516-381	1,001 - 1,009	0,001 9
	516-382		
	516-383		
	516-384		
9	516-385	0,991 - 0,999	0,001 9
	516-386		
	516-387		
	516-388		

Ceramic Wear Block Sets Metric ISO Standard

Wear Block Sets Metric ISO Standard

This set is made up of two gauge blocks and offers you the following benefits:

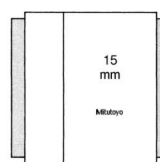
- Wear-resistant even with frequent use of individual gauge blocks
- Corrosion-resistant
- No burrs caused by accidental mishandling
- Abrasion-resistant
- Dimensionally stable



Inspection
Certificate



Ceramic 2-block set



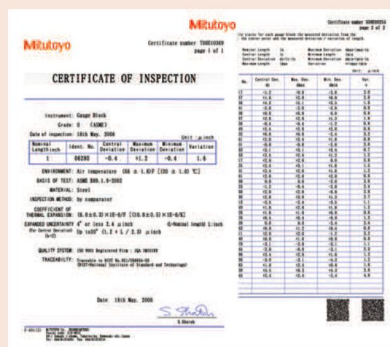
Protection gauge blocks (highlighted in grey above) are placed at each end of the gauge block stack to absorb the wear caused by contact with workpieces.

Metric

Blocks per Set	No.	Grade	Size	Step	Quantity
2	516-832-10	0	1	-	2
	516-833-10	1			
2	516-830-10	0	2	-	2
	516-831-10	1			

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Mitutoyo Gauge Blocks and Inspection Certificates

A Inspection Certificate is furnished with all Mitutoyo gauge blocks with a serial number on the box (in the case of sets) and an identification number on each block. The deviation of each block from nominal length, at the time of inspection, is stated. For this inspection, each gauge block is measured relative to the upper level master using a gauge block comparator. Grade K gauge blocks are measured by a primary measurement method using an interferometer.