

# Steel Metric Gauge Block Sets

Series 516 - 2mm Base



Inspection certificate



Steel 88-block set



Steel 33-block set

Blocks per Set	No.	Block allocation				
		Grade	Size	Step	Quantity	
88	516-503-10*	1	1.0005	-	1	
			2.001 - 2.009	0.001	9	
			2.01 - 2.49	0.01	49	
			0.5 - 9.5	0.5	19	
			10 - 100	10	10	
46	516-507-10*	1	2.001 - 2.009	0.001	9	
			516-508-10*	2	2.01 - 2.09	0.01
	516-508-10*	2	2.1 - 2.9	0.1	9	
			1 - 9	1	9	
			10 - 100	10	10	
33	516-510-10*	0	2.005	-	1	
	516-511-10*	1	2.01 - 2.09	0.01	9	
	516-512-10*	2	2.1 - 2.9	0.1	9	
			1 - 9	1	9	
				10 - 30	10	3
				60, 100	-	2

## Specifications

Accuracy

EN ISO 3650



### 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.

The 2mm-based gauge block, which take the base of the minimum length step as 2mm, are easy to handle and will not warp, as compared to the 1mm-based gauge blocks.