

Gauge Blocks

SERIES 516 – Gauge Block Sets

- Mitutoyo provides a wide selection of boxed sets of gauge blocks to meet the various needs of industry. Selecting the best set, or sets, to acquire usually depends on the accuracy required by the target applications, the level of convenience desired (larger sets offer more combination possibilities) and the environmental conditions in which they will be used.



Steel 103-block set



CERA 81-block set

Specifications

Metric

Blocks per set	Code No.	Grade	Set configuration
Steel 1 mm base block sets			
103	516-942-11	0	1.005 mm, 1.01-1.49 mm by 0.01 step, 0.5-24.5 mm by 0.5 step, 25-100 mm by 25 step
	516-943-11	1	
	516-944-11	2	
88	516-970-11	0	1.0005 mm, 1.001-1.009 mm by 0.001 step, 1.01-1.49 mm by 0.01 step, 0.5-9.5 mm by 0.5 step, 10-100 mm by 10 step
	516-971-11	1	
	516-972-11	2	
47	516-962-11	0	1.005 mm, 1.01-1.19 mm by 0.01 step, 1.2-1.9 mm by 0.1 step, 1-9 mm by 1 step, 10-100 mm by 10 step
	516-963-11	1	
	516-964-11	2	
32	516-966-11	0	1.005 mm, 1.01-1.09 mm by 0.01 step, 1.1-1.9 mm by 0.1 step, 1-9 mm by 1 step, 10-30 mm by 10 step, 60 mm
	516-967-11	1	
	516-968-11	2	

Steel 0.001 mm step block sets

Blocks per set	Code No.	Grade	Set configuration
9	516-982-11	0	1.001-1.009 mm by 0.001 step
	516-983-11	1	
	516-984-11	2	

CERA 1 mm base block sets

Blocks per set	Code No.	Grade	Set configuration
88	516-370-11	0	1.0005 mm, 1.001-1.009 mm by 0.001 step, 1.01-1.49 mm by 0.01 step, 0.5-9.5 mm by 0.5 step, 10-100 mm by 10 step
	516-371-11	1	
	516-372-11	2	
47	516-362-11	0	1.005 mm, 1.01-1.19 mm by 0.01 step, 1.2-1.9 mm by 0.1 step, 1-9 mm by 1 step, 10-100 mm by 10 step
	516-363-11	1	
	516-364-11	2	

Inch

Blocks per set	Code No.	Grade	Set configuration
Steel			
81	516-903-11	1	0.1001-0.1009" by 0.0001 step, 0.101-0.149" by 0.001 step, 0.05-0.95" by 0.05 step, 1-4" by 1 step
	516-904-11	2	
49	516-911-11	1	0.1001-0.1009" by 0.0001 step, 0.101-0.109" by 0.001 step, 0.01-0.19" by 0.01 step, 0.2-0.9" by 0.1 step, 1-4" by 1 step
	516-912-11	2	

CERA

Blocks per set	Code No.	Grade	Set configuration
81	516-302-11	0	0.1001-0.1009" by 0.0001 step, 0.101-0.149" by 0.001 step, 0.05-0.95" by 0.05 step, 1-4" by 1 step
	516-303-11	1	
	516-304-11	2	



Steel 88-block set.



CERA 47-block set.



Steel 32-block set.



Steel 9-block set.