

Gauge Blocks

Length Standards Brought to You by Mitutoyo

SPECIFICATIONS

1 mm Base Block Sets

Blocks per set	Order No.		Standard/grade available and Suffix No.*1			Blocks included in set		
	Steel	CERA	ISO/DIN/JIS	ASME	BS	Size (mm)	Step (mm)	Qty.
122	—	—	—	—	—	1.0005	—	1
	516-596	—	K: -#0	—	—	1.001 - 1.009	0.001	9
	516-597	—	O: -#0	—	—	1.01 - 1.49	0.01	49
	516-598	—	1: -#0	—	—	1.6 - 1.9	0.1	4
	516-599	—	2: -#0	—	—	0.5 - 24.5 30 - 100 25, 75	0.5 10	49 8 2
112	516-531	516-541	—	—	—	1.0005	—	1
	516-937	516-337	K: -#0	00: -#6	K: -#1	1.001 - 1.009	0.001	9
	516-938	516-338	O: -#0	0: -#6	O: -#1	1.01 - 1.49	0.01	49
	516-939	516-339	1: -#0	1: -#6	1: -#1	0.5 - 24.5	0.5	49
	516-940	516-340	2: -#0	2: -#6	2: -#1	25 - 100	25	4
103	516-533	516-542	—	—	—	1.005	—	1
	516-941	516-341	K: -#0	00: -#6	K: -#1	1.01 - 1.49	0.01	49
	516-942	516-342	O: -#0	0: -#6	O: -#1	0.5 - 24.5	0.5	49
	516-943	516-343	1: -#0	1: -#6	1: -#1	25 - 100	25	4
	516-944	516-344	2: -#0	2: -#6	2: -#1	—	—	—
88	—	—	—	—	—	1.0005	—	1
	516-969	516-369	—	—	K: -#1	1.001 - 1.009	0.001	9
	516-970	516-370	O: -#0	—	O: -#1	1.01 - 1.49	0.01	49
	516-971	516-371	1: -#0	—	1: -#1	0.5 - 9.5	0.5	19
	516-972	516-372	2: -#0	—	2: -#1	10 - 100	10	10
87	516-535	515-543	—	—	—	1.001 - 1.009	0.001	9
	516-945	516-345	K: -#0	00: -#6	K: -#1	1.01 - 1.49	0.01	49
	516-946	516-346	O: -#0	0: -#6	O: -#1	0.5 - 9.5	0.5	19
	516-947	516-347	1: -#0	1: -#6	1: -#1	10 - 100	10	10
	516-948	516-348	2: -#0	2: -#6	2: -#1	—	—	—
76	—	—	—	—	—	1.005	—	1
	516-949	516-349	K: -#0	—	—	1.01 - 1.49	0.01	49
	516-950	516-350	O: -#0	—	—	0.5 - 9.5	0.5	19
	516-951	516-351	1: -#0	—	—	10 - 40	10	4
	516-952	516-352	2: -#0	—	—	50 - 100	25	3
56	516-536	516-544	—	—	—	0.5	—	1
	516-953	516-353	K: -#0	00: -#6	—	1.001 - 1.009	0.001	9
	516-954	516-354	O: -#0	0: -#6	—	1.01 - 1.09	0.01	9
	516-955	516-355	1: -#0	1: -#6	—	1.1 - 1.9	0.1	9
	516-956	516-356	2: -#0	2: -#6	—	1 - 24 25 - 100	1 25	24 4
47	516-537	516-545	—	—	—	1.005	—	1
	516-957	516-357	K: -#0	00: -#6	—	1.01 - 1.09	0.01	9
	516-958	516-358	O: -#0	0: -#6	—	1.1 - 1.9	0.1	9
	516-959	516-359	1: -#0	1: -#6	—	1 - 24	1	24
	516-960	516-360	2: -#0	2: -#6	—	25 - 100	25	4
47	—	—	—	—	—	1.005	—	1
	516-961	516-361	K: -#0	—	K: -#1	1.01 - 1.19	0.01	19
	516-962	516-362	O: -#0	—	O: -#1	1.2 - 1.9	0.1	8
	516-963	516-363	1: -#0	—	1: -#1	1 - 9	1	9
	516-964	516-364	2: -#0	—	2: -#1	10 - 100	10	10
46	—	—	—	—	—	1.001 - 1.009	0.001	9
	516-994	516-394	K: -#0	—	—	1.01 - 1.09	0.01	9
	516-995	516-395	O: -#0	—	—	1.1 - 1.9	0.1	9
	516-996	516-396	1: -#0	—	—	1 - 9	1	9
	516-997	516-397	2: -#0	—	—	10 - 100	10	10
34	—	—	—	—	—	1.0005	—	1
	516-128	516-178	K: -#0	—	K: -#1	1.001 - 1.009	0.001	9
	516-129	516-179	O: -#0	—	O: -#1	1.01 - 1.09	0.01	9
	516-130	516-180	1: -#0	—	1: -#1	1.1 - 1.9	0.1	9
	516-131	516-181	2: -#0	—	2: -#1	1 - 5 10	1 1	5 1
32	—	—	—	—	—	1.005	—	1
	516-965	516-365	K: -#0	—	K: -#1	1.01 - 1.09	0.01	9
	516-966	516-366	O: -#0	—	O: -#1	1.1 - 1.9	0.1	9
	516-967	516-367	1: -#0	—	1: -#1	1 - 9	1	9
	516-968	516-368	2: -#0	—	2: -#1	10 - 30 60	10 1	3 1

Thin Block Sets

Blocks per set	Order No.		Standard/grade available and Suffix No.*1			Blocks included in set		
	Steel	CERA	ISO/DIN/JIS	ASME	BS	Size (mm)	Step (mm)	Qty.
9	516-990	—	O: -#0	—	—	0.10 - 0.50	0.05	9
	516-991	—	1: -#0	—	—	—	—	—
	516-992	—	2: -#0	—	—	—	—	—

Note: Details of the overall sizes for forms of block are given on page E-3 and the accuracy standards to which they are manufactured are given on page E-5.



An inspection certificate is supplied as standard. Refer to page U-9 for details.

*1: Suffix No. (■) for Selecting Standard and Certificate Provided

ISO/DIN/JIS

Suffix No.	Inspection Certificate	Calibration Certificate JCSS
1	✓	
6	✓	✓

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

ASME

Suffix No.	Inspection Certificate	Calibration Certificate JCSS
1	✓	
6	✓	✓

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

Suffix No. 6: Only for Grade K sets.

BS

Suffix No.	Inspection Certificate	Calibration Certificate JCSS
1	✓	
6	✓	✓

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

Suffix No. 6: Only for Grade K sets.

Inspection Certificate

