

Gauge Blocks

Individual Inch Rectangular Gauge Blocks

SPECIFICATIONS

| Inch Blocks |            |      |                 |            |        |                 |            |        |
|-------------|------------|------|-----------------|------------|--------|-----------------|------------|--------|
| Length (in) | Code No.*1 |      | Length (in)     | Code No.*1 |        | Length (in)     | Code No.*1 |        |
|             | Steel      | CERA |                 | Steel      | CERA   |                 | Steel      | CERA   |
| 0.004       | 611304     | —    | 0.024           | 611324     | —      | 0.0625          | 611303     | 613303 |
| 0.005       | 611305     | —    | 0.025           | 611325     | —      | 0.07            | 611107     | —      |
| 0.006       | 611306     | —    | 0.026           | 611326     | —      | 0.078125 (5/64) | 611103     | 613100 |
| 0.007       | 611307     | —    | 0.027           | 611327     | —      | 0.08            | 611108     | —      |
| 0.008       | 611308     | —    | 0.028           | 611328     | —      | 0.09            | 611109     | —      |
| 0.009       | 611309     | —    | 0.029           | 611329     | —      | 0.09375 (3/32)  | 611104     | 613101 |
| 0.01        | 611310     | —    | 0.03            | 611330     | —      | 0.1             | 611191     | 613191 |
| 0.011       | 611311     | —    | 0.031           | 611331     | —      | 0.100025        | 611111     | 613110 |
| 0.012       | 611312     | —    | 0.03125 (1/32)  | 611101     | 613103 | 0.10005         | 611135     | 613135 |
| 0.013       | 611313     | —    | 0.032           | 611332     | —      | 0.100075        | 611112     | 613111 |
| 0.014       | 611314     | —    | 0.033           | 611333     | —      | 0.1001          | 611121     | 613121 |
| 0.015       | 611315     | —    | 0.034           | 611334     | —      | 0.1002          | 611122     | 613122 |
| 0.016       | 611316     | —    | 0.035           | 611335     | —      | 0.1003          | 611123     | 613123 |
| 0.017       | 611317     | —    | 0.036           | 611336     | —      | 0.1004          | 611124     | 613124 |
| 0.018       | 611318     | —    | 0.037           | 611337     | —      | 0.1005          | 611125     | 613125 |
| 0.019       | 611319     | —    | 0.038           | 611338     | —      | 0.1006          | 611126     | 613126 |
| 0.02        | 611320     | —    | 0.039           | 611339     | —      | 0.1007          | 611127     | 613127 |
| 0.02005     | 611240     | —    | 0.04            | 611340     | —      | 0.1008          | 611128     | 613128 |
| 0.0201      | 611231     | —    | 0.041           | 611341     | —      | 0.1009          | 611129     | 613129 |
| 0.0202      | 611232     | —    | 0.042           | 611342     | —      | 0.101           | 611141     | 613141 |
| 0.0203      | 611233     | —    | 0.043           | 611343     | —      | 0.102           | 611142     | 613142 |
| 0.0204      | 611234     | —    | 0.044           | 611344     | —      | 0.103           | 611143     | 613143 |
| 0.0205      | 611235     | —    | 0.045           | 611345     | —      | 0.104           | 611144     | 613144 |
| 0.0206      | 611236     | —    | 0.046           | 611346     | —      | 0.105           | 611145     | 613145 |
| 0.0207      | 611237     | —    | 0.046875 (3/64) | 611102     | 613104 | 0.106           | 611146     | 613146 |
| 0.0208      | 611238     | —    | 0.047           | 611347     | —      | 0.107           | 611147     | 613147 |
| 0.0209      | 611239     | —    | 0.048           | 611348     | —      | 0.108           | 611148     | 613148 |
| 0.021       | 611321     | —    | 0.049           | 611349     | —      | 0.109           | 611149     | 613149 |
| 0.022       | 611322     | —    | 0.05            | 611105     | 613105 | 0.109375 (7/64) | 611110     | 613102 |
| 0.023       | 611323     | —    | 0.06            | 611106     | —      |                 |            |        |

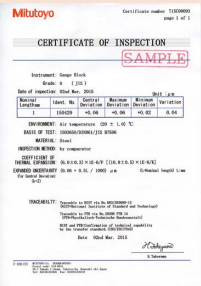
Note: Details of the overall sizes for forms of block are given on page 01-3 and the accuracy standards to which they are manufactured are given on page 01-5.



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

| ASME       |       |                        |                         |
|------------|-------|------------------------|-------------------------|
| Suffix No. | Grade | Inspection Certificate | Calibration Certificate |
|            |       |                        | JCSS                    |
| -516       | K     | ✓                      | ✓                       |
| -521       | 00    | ✓                      |                         |
| -531       | 0     | ✓                      |                         |
| -541       | 1     | ✓                      |                         |
| -551       | 2     | ✓                      |                         |

| BS         |       |                        |                         |
|------------|-------|------------------------|-------------------------|
| Suffix No. | Grade | Inspection Certificate | Calibration Certificate |
|            |       |                        | JCSS                    |
| -121       | 0     | ✓                      |                         |
| -131       | 1     | ✓                      |                         |
| -141       | 2     | ✓                      |                         |



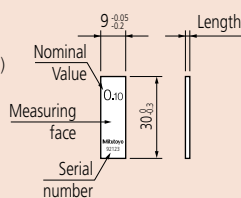
Inspection Certificate



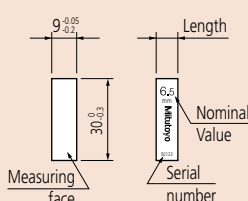
## Dimensions

Unit: mm

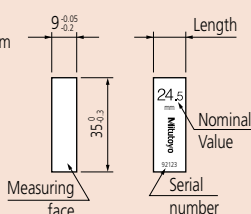
Nominal length:  
0.1 mm to 5.5 mm  
(0.004 in to 0.25 in)



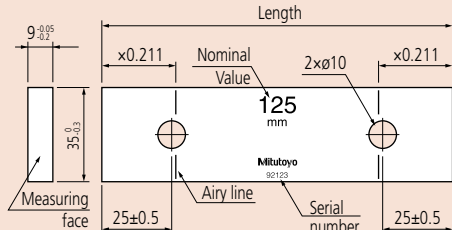
Nominal length:  
6 mm to 10 mm  
(0.3 in to 0.4 in)



Nominal length:  
10.3 mm to 100 mm  
(0.45 in to 4 in)



Nominal length 125 mm to 1000 mm (5 in to 20 in)



## SPECIFICATIONS

### Inch Blocks

| Length (in) | Code No. *1 |        |
|-------------|-------------|--------|
|             | Steel       | CERA   |
| 0.11        | 611150      | 613150 |
| 0.111       | 611151      | 613151 |
| 0.112       | 611152      | 613152 |
| 0.113       | 611153      | 613153 |
| 0.114       | 611154      | 613154 |
| 0.115       | 611155      | 613155 |
| 0.116       | 611156      | 613156 |
| 0.117       | 611157      | 613157 |
| 0.118       | 611158      | 613158 |
| 0.119       | 611159      | 613159 |
| 0.12        | 611160      | 613160 |
| 0.121       | 611161      | 613161 |
| 0.122       | 611162      | 613162 |
| 0.123       | 611163      | 613163 |
| 0.124       | 611164      | 613164 |
| 0.125       | 611165      | 613165 |
| 0.126       | 611166      | 613166 |
| 0.127       | 611167      | 613167 |
| 0.128       | 611168      | 613168 |
| 0.129       | 611169      | 613169 |
| 0.13        | 611170      | 613170 |
| 0.131       | 611171      | 613171 |
| 0.132       | 611172      | 613172 |
| 0.133       | 611173      | 613173 |
| 0.134       | 611174      | 613174 |
| 0.135       | 611175      | 613175 |
| 0.136       | 611176      | 613176 |
| 0.137       | 611177      | 613177 |
| 0.138       | 611178      | 613178 |

| Length (in) | Code No. *1 |        |
|-------------|-------------|--------|
|             | Steel       | CERA   |
| 0.139       | 611179      | 613179 |
| 0.14        | 611180      | 613180 |
| 0.141       | 611181      | 613181 |
| 0.142       | 611182      | 613182 |
| 0.143       | 611183      | 613183 |
| 0.144       | 611184      | 613184 |
| 0.145       | 611185      | 613185 |
| 0.146       | 611186      | 613186 |
| 0.147       | 611187      | 613187 |
| 0.148       | 611188      | 613188 |
| 0.149       | 611189      | 613189 |
| 0.15        | 611115      | 613115 |
| 0.16        | 611116      | 613116 |
| 0.17        | 611117      | 613117 |
| 0.18        | 611118      | 613118 |
| 0.19        | 611119      | 613119 |
| 0.2         | 611192      | 613192 |
| 0.21        | 611221      | 613221 |
| 0.25        | 611212      | 613212 |
| 0.3         | 611193      | 613193 |
| 0.315       | 611209      | 613209 |
| 0.35        | 611213      | 613213 |
| 0.375 (3/8) | 611113      | 613112 |
| 0.4         | 611194      | 613194 |
| 0.420       | 611210      | 613210 |
| 0.45        | 611214      | 613214 |
| 0.5         | 611195      | 613195 |
| 0.55        | 611215      | 613215 |
| 0.6         | 611196      | 613196 |

| Length (in) | Code No. *1 |        |
|-------------|-------------|--------|
|             | Steel       | CERA   |
| 0.605       | 611211      | 613211 |
| 0.65        | 611216      | 613216 |
| 0.7         | 611197      | 613197 |
| 0.710       | 611220      | 613220 |
| 0.75        | 611217      | 613217 |
| 0.8         | 611198      | 613198 |
| 0.815       | 611226      | 613226 |
| 0.85        | 611218      | 613218 |
| 0.9         | 611199      | 613199 |
| 0.920       | 611227      | 613227 |
| 0.95        | 611219      | 613219 |
| 1           | 611201      | 613201 |
| 2           | 611202      | 613202 |
| 3           | 611203      | 613203 |
| 4           | 611204      | 613204 |
| 5           | 611205      | 613205 |
| 6           | 611206      | 613206 |
| 7           | 611207      | 613207 |
| 8           | 611208      | 613208 |
| 10          | 611222      | 613222 |
| 12          | 611223      | 613223 |
| 16          | 611224      | 613224 |
| 20          | 611225      | 613225 |

### Inch Wear Blocks

| Length (in) | Code No. *1      |  |
|-------------|------------------|--|
|             | Tungsten carbide |  |
| 0.05        | 612105           |  |
| 0.1         | 612191           |  |

Note: Details of the overall sizes for forms of block are given on page 01-3 and the accuracy standards to which they are manufactured are given on page 01-5.  
4 inch or more is not listed in the standard of British Standards Institution.