

CERAMIC BLOCK GAUGE SET (GRADE 0)

Free from rust and corrosion, and easy maintenance

DYNAMIC
Solutions & Machinery



GAUGE



DC-032

USE

- As reference standard and for general measurement work
- As spacer and prefinished sub-assembly components

MATERIAL

- Ceramic (Zirconia)

FEATURES

- Abrasion resistant
- Free from rust and corrosion, and easy maintenance
- Ceramic material is less susceptible to abrasion and aged deterioration than steel
- Non-magnetic
- Conforms to JIS (Grade 0)
- Provided with inspection report

SPECIFICATIONS

- Section size: 10mm or under: 30(0~-0.3)×9(-0.05~-0.2)mm
Over 10mm: 35(0~-0.3)×9(-0.05~-0.2)mm
- Coefficient of thermal expansion: $(9.5 \pm 1) \times 10^{-6} / K$
- ※ Calibration and custom size production are NOT available

SPECIFICATIONS

| Size (mm) | | Grade 0 | |
|-----------|----------|-----------------------|-----------------------------------|
| Over | Or under | Tolerance (μm) | Dimensional Deviation (μm) |
| — | 10 | ± 0.12 | 0.10 |
| 10 | 25 | ± 0.14 | 0.10 |
| 25 | 50 | ± 0.20 | 0.10 |
| 50 | 75 | ± 0.25 | 0.12 |
| 75 | 100 | ± 0.30 | 0.12 |

Comparison between steel and ceramic materials

| Item | Material | Ceramics (Zirconia) | Steel |
|----------------------------------|-------------|---------------------|-------|
| | Hardness | HV | 1,250 |
| Coefficient of thermal expansion | $10^{-6}/K$ | 7~8 | 11 |
| Specific Gravity | | 6 | 7.8 |
| Heat conductivity | W/m·K | 3 | 54.4 |

SET Item

| Number | Model | Pieces per set | Step (mm) | Nominal Size (mm) | Number of piece | Weight |
|--------|--------|----------------|-----------|-------------------|-----------------|--------|
| 150770 | DC-032 | 32 | — | 1.005 | 1 | 950g |
| | | | 0.01 | 1.01·1.02··1.09 | 9 | |
| | | | 0.1 | 1.1·1.2··1.9 | 9 | |
| | | | 1 | 1·2·3··9 | 9 | |
| | | | 10 | 10·20·30 | 3 | |
| 150771 | DC-047 | 47 | — | 50 | 1 | 2.25kg |
| | | | — | 1.005 | 1 | |
| | | | 0.01 | 1.01·1.02··1.09 | 9 | |
| | | | 0.1 | 1.1·1.2··1.9 | 9 | |
| | | | 1 | 1·2·3··24 | 24 | |
| | | | 25 | 25·50·75·100 | 4 | |

SINGLE Item

| Number | Model | Size (mm) | Number | Model | Size (mm) |
|--------|-----------|-----------|--------|-----------|-----------|
| 150720 | DC0-100 | 1 | 150745 | DC0-700 | 7 |
| 150721 | DC0-1-005 | 1.005 | 150746 | DC0-800 | 8 |
| 150722 | DC0-101 | 1.01 | 150747 | DC0-900 | 9 |
| 150723 | DC0-102 | 1.02 | 150748 | DC0-1000 | 10 |
| 150724 | DC0-103 | 1.03 | 150749 | DC0-1100 | 11 |
| 150725 | DC0-104 | 1.04 | 150750 | DC0-1200 | 12 |
| 150726 | DC0-105 | 1.05 | 150751 | DC0-1300 | 13 |
| 150727 | DC0-106 | 1.06 | 150752 | DC0-1400 | 14 |
| 150728 | DC0-107 | 1.07 | 150753 | DC0-1500 | 15 |
| 150729 | DC0-108 | 1.08 | 150754 | DC0-1600 | 16 |
| 150730 | DC0-109 | 1.09 | 150755 | DC0-1700 | 17 |
| 150731 | DC0-110 | 1.1 | 150756 | DC0-1800 | 18 |
| 150732 | DC0-120 | 1.2 | 150757 | DC0-1900 | 19 |
| 150733 | DC0-130 | 1.3 | 150758 | DC0-2000 | 20 |
| 150734 | DC0-140 | 1.4 | 150759 | DC0-2100 | 21 |
| 150735 | DC0-150 | 1.5 | 150760 | DC0-2200 | 22 |
| 150736 | DC0-160 | 1.6 | 150761 | DC0-2300 | 23 |
| 150737 | DC0-170 | 1.7 | 150762 | DC0-2400 | 24 |
| 150738 | DC0-180 | 1.8 | 150763 | DC0-2500 | 25 |
| 150739 | DC0-190 | 1.9 | 150764 | DC0-3000 | 30 |
| 150740 | DC0-200 | 2 | 150765 | DC0-5000 | 50 |
| 150741 | DC0-300 | 3 | 150766 | DC0-6000 | 60 |
| 150742 | DC0-400 | 4 | 150767 | DC0-7500 | 75 |
| 150743 | DC0-500 | 5 | 150768 | DC0-10000 | 100 |
| 150744 | DC0-600 | 6 | | | |

BLOCK GAUGE SET (GRADE 1)

High cost performance model

DYNAMIC
Solutions & Machinery


DBS1-32

USE

- As reference standard and for general measurement work
- As spacer and prefinished sub-assembly components

MATERIAL

- High carbon high chromium steel

FEATURES

- Conforms to JIS (Grade 1)
- Provided with inspection report

SPECIFICATIONS

- Section size: 10mm or under: 30(0~-0.3)×9(-0.05~-0.2)mm
Over 10mm: 35(0~-0.3)×9(-0.05~-0.2)mm
- Coefficient of thermal expansion: $11.5 \times 10^{-6} / K$
- ※Calibration and custom size production are NOT available

SPECIFICATIONS

| Size (mm) | | Grade 1 | |
|-----------|----------|----------------|---------------------------|
| Over | Or under | Tolerance (μm) | Dimensional deviation(μm) |
| — | 10 | ± 0.20 | 0.16 |
| 10 | 25 | ± 0.30 | 0.16 |
| 25 | 50 | ± 0.40 | 0.18 |
| 50 | 75 | ± 0.50 | 0.18 |
| 75 | 100 | ± 0.60 | 0.20 |

| Number | Model | Pieces per set | Step (mm) | Nominal Size (mm) | Number of pieces | Weight |
|--------|----------|----------------|-----------|-------------------|------------------|--------|
| 150801 | DBS1-103 | 103 | | 1.005 | 1 | 3.64kg |
| | | | 0.01 | 1.01·1.02···1.49 | 49 | |
| | | | 0.5 | 0.5·1.0···24.5 | 49 | |
| | | | 25 | 25·50·75·100 | 4 | |
| 150802 | DBS1-76 | 76 | | 1.005 | 1 | 2.2kg |
| | | | 0.01 | 1.01·1.02···1.49 | 49 | |
| | | | 0.5 | 0.5·1.0···9.5 | 19 | |
| | | | 10 | 10·20·30·40 | 4 | |
| 150804 | DBS1-47 | 47 | | 1.005 | 1 | 2.4kg |
| | | | 0.01 | 1.01·1.02···1.09 | 9 | |
| | | | 0.1 | 1.1·1.2···1.9 | 9 | |
| | | | 10 | 1·2·3···24 | 24 | |
| 150806 | DBS1-32 | 32 | | 1.005 | 1 | 0.98kg |
| | | | 0.01 | 1.01·1.02···1.09 | 9 | |
| | | | 0.1 | 1.1·1.2···1.9 | 9 | |
| | | | 1 | 1·2·3···9 | 9 | |
| | | | 10 | 10·20·30 | 3 | |
| | | | 60 | 1 | | |

BLOCK GAUGE (GRADE 1)



SPECIFICATIONS

| Size (mm) | | Grade 1 | |
|-----------|----------|----------------|----------------------------|
| Over | Or under | Tolerance (μm) | Dimensional Deviation (μm) |
| — | 10 | ± 0,20 | 0,16 |
| 10 | 25 | ± 0,30 | 0,16 |
| 25 | 50 | ± 0,40 | 0,18 |
| 50 | 75 | ± 0,50 | 0,18 |
| 75 | 100 | ± 0,60 | 0,20 |
| 100 | 150 | ± 0,80 | 0,20 |
| 150 | 200 | ± 1,00 | 0,25 |
| 200 | 250 | ± 1,20 | 0,25 |
| 250 | 300 | ± 1,40 | 0,25 |
| 300 | 400 | ± 1,80 | 0,30 |
| 400 | 500 | ± 2,20 | 0,35 |
| 500 | 600 | ± 2,60 | 0,40 |

USE

- As reference standard and for general measurement work
- As spacer and prefinished sub-assembly components

MATERIAL

- High carbon high chromium steel

FEATURES

- Conforms to JIS (Grade 1)
- Provided with inspection report

SPECIFICATIONS

- Section size: 10mm or under: 30(0~-0.3)×9(-0.05~-0.2)mm
Over 10mm: 35(0~-0.3)×9(-0.05~-0.2)mm
- Coefficient of thermal expansion: 11.5×10⁻⁶/K
- ※ Calibration and custom size production are NOT available

| Number | Model | Size | Number | Model | Size | Number | Model | Size |
|--------|-----------|-------|--------|---------|------|--------|---------|------|
| 150810 | DB1-05 | 0.5 | 150850 | DB1-120 | 1.2 | 150880 | DB1-150 | 1.5 |
| 150820 | DB1-10 | 1 | 150851 | DB1-121 | 1.21 | 153001 | DB1-151 | 1.51 |
| 150822 | DB1-1-001 | 1.001 | 150852 | DB1-122 | 1.22 | 153002 | DB1-152 | 1.52 |
| 150823 | DB1-1-002 | 1.002 | 150853 | DB1-123 | 1.23 | 153003 | DB1-153 | 1.53 |
| 150824 | DB1-1-003 | 1.003 | 150854 | DB1-124 | 1.24 | 153004 | DB1-154 | 1.54 |
| 150825 | DB1-1-004 | 1.004 | 150855 | DB1-125 | 1.25 | 153005 | DB1-155 | 1.55 |
| 150826 | DB1-1-005 | 1.005 | 150856 | DB1-126 | 1.26 | 153006 | DB1-156 | 1.56 |
| 150827 | DB1-1-006 | 1.006 | 150857 | DB1-127 | 1.27 | 153007 | DB1-157 | 1.57 |
| 150828 | DB1-1-007 | 1.007 | 150858 | DB1-128 | 1.28 | 153008 | DB1-158 | 1.58 |
| 150829 | DB1-1-008 | 1.008 | 150859 | DB1-129 | 1.29 | 153009 | DB1-159 | 1.59 |
| 150830 | DB1-1-009 | 1.009 | 150860 | DB1-130 | 1.3 | 153010 | DB1-160 | 1.6 |
| 150831 | DB1-101 | 1.01 | 150861 | DB1-131 | 1.31 | 153011 | DB1-161 | 1.61 |
| 150832 | DB1-102 | 1.02 | 150862 | DB1-132 | 1.32 | 153012 | DB1-162 | 1.62 |
| 150833 | DB1-103 | 1.03 | 150863 | DB1-133 | 1.33 | 153013 | DB1-163 | 1.63 |
| 150834 | DB1-104 | 1.04 | 150864 | DB1-134 | 1.34 | 153014 | DB1-164 | 1.64 |
| 150835 | DB1-105 | 1.05 | 150865 | DB1-135 | 1.35 | 153015 | DB1-165 | 1.65 |
| 150836 | DB1-106 | 1.06 | 150866 | DB1-136 | 1.36 | 153016 | DB1-166 | 1.66 |
| 150837 | DB1-107 | 1.07 | 150867 | DB1-137 | 1.37 | 153017 | DB1-167 | 1.67 |
| 150838 | DB1-108 | 1.08 | 150868 | DB1-138 | 1.38 | 153018 | DB1-168 | 1.68 |
| 150839 | DB1-109 | 1.09 | 150869 | DB1-139 | 1.39 | 153019 | DB1-169 | 1.69 |
| 150840 | DB1-110 | 1.1 | 150870 | DB1-140 | 1.4 | 153020 | DB1-170 | 1.7 |
| 150841 | DB1-111 | 1.11 | 150871 | DB1-141 | 1.41 | 153021 | DB1-171 | 1.71 |
| 150842 | DB1-112 | 1.12 | 150872 | DB1-142 | 1.42 | 153022 | DB1-172 | 1.72 |
| 150843 | DB1-113 | 1.13 | 150873 | DB1-143 | 1.43 | 153023 | DB1-173 | 1.73 |
| 150844 | DB1-114 | 1.14 | 150874 | DB1-144 | 1.44 | 153024 | DB1-174 | 1.74 |
| 150845 | DB1-115 | 1.15 | 150875 | DB1-145 | 1.45 | 153025 | DB1-175 | 1.75 |
| 150846 | DB1-116 | 1.16 | 150876 | DB1-146 | 1.46 | 153026 | DB1-176 | 1.76 |
| 150847 | DB1-117 | 1.17 | 150877 | DB1-147 | 1.47 | 153027 | DB1-177 | 1.77 |
| 150848 | DB1-118 | 1.18 | 150878 | DB1-148 | 1.48 | 153028 | DB1-178 | 1.78 |
| 150849 | DB1-119 | 1.19 | 150879 | DB1-149 | 1.49 | 153029 | DB1-179 | 1.79 |

BLOCK GAUGE (GRADE 1)



SPECIFICATIONS

| Size (mm) | | Grade 1 | |
|-----------|----------|----------------|----------------------------|
| Over | Or under | Tolerance (μm) | Dimensional Deviation (μm) |
| — | 10 | ± 0,20 | 0,16 |
| 10 | 25 | ± 0,30 | 0,16 |
| 25 | 50 | ± 0,40 | 0,18 |
| 50 | 75 | ± 0,50 | 0,18 |
| 75 | 100 | ± 0,60 | 0,20 |
| 100 | 150 | ± 0,80 | 0,20 |
| 150 | 200 | ± 1,00 | 0,25 |
| 200 | 250 | ± 1,20 | 0,25 |
| 250 | 300 | ± 1,40 | 0,25 |
| 300 | 400 | ± 1,80 | 0,30 |
| 400 | 500 | ± 2,20 | 0,35 |
| 500 | 600 | ± 2,60 | 0,40 |

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- Coefficient of thermal expansion: 11.5×10⁻⁶/K
- ※ Calibration and custom size production are NOT available

| Number | Model | Size | Number | Model | Size | Number | Model | Size |
|--------|---------|------|--------|---------|------|--------|---------|------|
| 153030 | DB1-180 | 1.8 | 153059 | DB1-210 | 2.1 | 153089 | DB1-240 | 2.4 |
| 153031 | DB1-181 | 1.81 | 153060 | DB1-211 | 2.11 | 153090 | DB1-241 | 2.41 |
| 153032 | DB1-182 | 1.82 | 153061 | DB1-212 | 2.12 | 153091 | DB1-242 | 2.42 |
| 153033 | DB1-183 | 1.83 | 153062 | DB1-213 | 2.13 | 153092 | DB1-243 | 2.43 |
| 153034 | DB1-184 | 1.84 | 153063 | DB1-214 | 2.14 | 153093 | DB1-244 | 2.44 |
| 153035 | DB1-185 | 1.85 | 153064 | DB1-215 | 2.15 | 153094 | DB1-245 | 2.45 |
| 153036 | DB1-186 | 1.86 | 153065 | DB1-216 | 2.16 | 153095 | DB1-246 | 2.46 |
| 153037 | DB1-187 | 1.87 | 153066 | DB1-217 | 2.17 | 153096 | DB1-247 | 2.47 |
| 153038 | DB1-188 | 1.88 | 153067 | DB1-218 | 2.18 | 153097 | DB1-248 | 2.48 |
| 153039 | DB1-189 | 1.89 | 153068 | DB1-219 | 2.19 | 153098 | DB1-249 | 2.49 |
| 153040 | DB1-190 | 1.9 | 153069 | DB1-220 | 2.2 | 150886 | DB1-250 | 2.5 |
| 153041 | DB1-191 | 1.91 | 153070 | DB1-221 | 2.21 | 153099 | DB1-251 | 2.51 |
| 153042 | DB1-192 | 1.92 | 153071 | DB1-222 | 2.22 | 153100 | DB1-252 | 2.52 |
| 153043 | DB1-193 | 1.93 | 153072 | DB1-223 | 2.23 | 153101 | DB1-253 | 2.53 |
| 153044 | DB1-194 | 1.94 | 153073 | DB1-224 | 2.24 | 153102 | DB1-254 | 2.54 |
| 153045 | DB1-195 | 1.95 | 153074 | DB1-225 | 2.25 | 153103 | DB1-255 | 2.55 |
| 153046 | DB1-196 | 1.96 | 153075 | DB1-226 | 2.26 | 153104 | DB1-256 | 2.56 |
| 153047 | DB1-197 | 1.97 | 153076 | DB1-227 | 2.27 | 153105 | DB1-257 | 2.57 |
| 153048 | DB1-198 | 1.98 | 153077 | DB1-228 | 2.28 | 153106 | DB1-258 | 2.58 |
| 153049 | DB1-199 | 1.99 | 153078 | DB1-229 | 2.29 | 153107 | DB1-259 | 2.59 |
| 150885 | DB1-200 | 2 | 153079 | DB1-230 | 2.3 | 153108 | DB1-260 | 2.6 |
| 153050 | DB1-201 | 2.01 | 153080 | DB1-231 | 2.31 | 153109 | DB1-261 | 2.61 |
| 153051 | DB1-202 | 2.02 | 153081 | DB1-232 | 2.32 | 153110 | DB1-262 | 2.62 |
| 153052 | DB1-203 | 2.03 | 153082 | DB1-233 | 2.33 | 153111 | DB1-263 | 2.63 |
| 153053 | DB1-204 | 2.04 | 153083 | DB1-234 | 2.34 | 153112 | DB1-264 | 2.64 |
| 153054 | DB1-205 | 2.05 | 153084 | DB1-235 | 2.35 | 153113 | DB1-265 | 2.65 |
| 153055 | DB1-206 | 2.06 | 153085 | DB1-236 | 2.36 | 153114 | DB1-266 | 2.66 |
| 153056 | DB1-207 | 2.07 | 153086 | DB1-237 | 2.37 | 153115 | DB1-267 | 2.67 |
| 153057 | DB1-208 | 2.08 | 153087 | DB1-238 | 2.38 | 153116 | DB1-268 | 2.68 |
| 153058 | DB1-209 | 2.09 | 153088 | DB1-239 | 2.39 | 153117 | DB1-269 | 2.69 |

BLOCK GAUGE (GRADE 1)



SPECIFICATIONS

| Size (mm) | | Grade 1 | |
|-----------|----------|----------------|----------------------------|
| Over | Or under | Tolerance (μm) | Dimensional Deviation (μm) |
| — | 10 | ± 0,20 | 0,16 |
| 10 | 25 | ± 0,30 | 0,16 |
| 25 | 50 | ± 0,40 | 0,18 |
| 50 | 75 | ± 0,50 | 0,18 |
| 75 | 100 | ± 0,60 | 0,20 |
| 100 | 150 | ± 0,80 | 0,20 |
| 150 | 200 | ± 1,00 | 0,25 |
| 200 | 250 | ± 1,20 | 0,25 |
| 250 | 300 | ± 1,40 | 0,25 |
| 300 | 400 | ± 1,80 | 0,30 |
| 400 | 500 | ± 2,20 | 0,35 |
| 500 | 600 | ± 2,60 | 0,40 |

USE

- As reference standard and for general measurement work
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MATERIAL

- High carbon high chromium steel

FEATURES

- Conforms to JIS (Grade 1)
- Provided with inspection report

SPECIFICATIONS

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Over 10mm: 35(0~-0.3)×9(-0.05~-0.2)mm
- Coefficient of thermal expansion: 11.5×10⁻⁶/K
- ※ Calibration and custom size production are NOT available

| Number | Model | Size | Number | Model | Size | Number | Model | Size |
|--------|---------|------|--------|---------|------|--------|---------|------|
| 153118 | DB1-270 | 2.7 | 150887 | DB1-300 | 3 | 153177 | DB1-330 | 3.3 |
| 153119 | DB1-271 | 2.71 | 153148 | DB1-301 | 3.01 | 153178 | DB1-331 | 3.31 |
| 153120 | DB1-272 | 2.72 | 153149 | DB1-302 | 3.02 | 153179 | DB1-332 | 3.32 |
| 153121 | DB1-273 | 2.73 | 153150 | DB1-303 | 3.03 | 153180 | DB1-333 | 3.33 |
| 153122 | DB1-274 | 2.74 | 153151 | DB1-304 | 3.04 | 153181 | DB1-334 | 3.34 |
| 153123 | DB1-275 | 2.75 | 153152 | DB1-305 | 3.05 | 153182 | DB1-335 | 3.35 |
| 153124 | DB1-276 | 2.76 | 153153 | DB1-306 | 3.06 | 153183 | DB1-336 | 3.36 |
| 153125 | DB1-277 | 2.77 | 153154 | DB1-307 | 3.07 | 153184 | DB1-337 | 3.37 |
| 153126 | DB1-278 | 2.78 | 153155 | DB1-308 | 3.08 | 153185 | DB1-338 | 3.38 |
| 153127 | DB1-279 | 2.79 | 153156 | DB1-309 | 3.09 | 153186 | DB1-339 | 3.39 |
| 153128 | DB1-280 | 2.8 | 153157 | DB1-310 | 3.1 | 153187 | DB1-340 | 3.4 |
| 153129 | DB1-281 | 2.81 | 153158 | DB1-311 | 3.11 | 153188 | DB1-341 | 3.41 |
| 153130 | DB1-282 | 2.82 | 153159 | DB1-312 | 3.12 | 153189 | DB1-342 | 3.42 |
| 153131 | DB1-283 | 2.83 | 153160 | DB1-313 | 3.13 | 153190 | DB1-343 | 3.43 |
| 153132 | DB1-284 | 2.84 | 153161 | DB1-314 | 3.14 | 153191 | DB1-344 | 3.44 |
| 153133 | DB1-285 | 2.85 | 153162 | DB1-315 | 3.15 | 153192 | DB1-345 | 3.45 |
| 153134 | DB1-286 | 2.86 | 153163 | DB1-316 | 3.16 | 153193 | DB1-346 | 3.46 |
| 153135 | DB1-287 | 2.87 | 153164 | DB1-317 | 3.17 | 153194 | DB1-347 | 3.47 |
| 153136 | DB1-288 | 2.88 | 153165 | DB1-318 | 3.18 | 153195 | DB1-348 | 3.48 |
| 153137 | DB1-289 | 2.89 | 153166 | DB1-319 | 3.19 | 153196 | DB1-349 | 3.49 |
| 153138 | DB1-290 | 2.9 | 153167 | DB1-320 | 3.2 | 150888 | DB1-350 | 3.5 |
| 153139 | DB1-291 | 2.91 | 153168 | DB1-321 | 3.21 | 153197 | DB1-351 | 3.51 |
| 153140 | DB1-292 | 2.92 | 153169 | DB1-322 | 3.22 | 153198 | DB1-352 | 3.52 |
| 153141 | DB1-293 | 2.93 | 153170 | DB1-323 | 3.23 | 153199 | DB1-353 | 3.53 |
| 153142 | DB1-294 | 2.94 | 153171 | DB1-324 | 3.24 | 153200 | DB1-354 | 3.54 |
| 153143 | DB1-295 | 2.95 | 153172 | DB1-325 | 3.25 | 153201 | DB1-355 | 3.55 |
| 153144 | DB1-296 | 2.96 | 153173 | DB1-326 | 3.26 | 153202 | DB1-356 | 3.56 |
| 153145 | DB1-297 | 2.97 | 153174 | DB1-327 | 3.27 | 153203 | DB1-357 | 3.57 |
| 153146 | DB1-298 | 2.98 | 153175 | DB1-328 | 3.28 | 153204 | DB1-358 | 3.58 |
| 153147 | DB1-299 | 2.99 | 153176 | DB1-329 | 3.29 | 153205 | DB1-359 | 3.59 |

BLOCK GAUGE (GRADE 1)



SPECIFICATIONS

| Size (mm) | | Grade 1 | |
|-----------|----------|----------------|----------------------------|
| Over | Or under | Tolerance (μm) | Dimensional Deviation (μm) |
| — | 10 | ± 0,20 | 0,16 |
| 10 | 25 | ± 0,30 | 0,16 |
| 25 | 50 | ± 0,40 | 0,18 |
| 50 | 75 | ± 0,50 | 0,18 |
| 75 | 100 | ± 0,60 | 0,20 |
| 100 | 150 | ± 0,80 | 0,20 |
| 150 | 200 | ± 1,00 | 0,25 |
| 200 | 250 | ± 1,20 | 0,25 |
| 250 | 300 | ± 1,40 | 0,25 |
| 300 | 400 | ± 1,80 | 0,30 |
| 400 | 500 | ± 2,20 | 0,35 |
| 500 | 600 | ± 2,60 | 0,40 |

USE

- As reference standard and for general measurement work
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MATERIAL

- High carbon high chromium steel

FEATURES

- Conforms to JIS (Grade 1)
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SPECIFICATIONS

- Section size: 10mm or under: 30(0~-0.3)×9(-0.05~-0.2)mm
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- Coefficient of thermal expansion: 11.5×10⁻⁶/K
- ※ Calibration and custom size production are NOT available

| Number | Model | Size | Number | Model | Size | Number | Model | Size |
|--------|---------|------|--------|---------|------|--------|---------|------|
| 153206 | DB1-360 | 3.6 | 153236 | DB1-390 | 3.9 | 153265 | DB1-420 | 4.2 |
| 153207 | DB1-361 | 3.61 | 153237 | DB1-391 | 3.91 | 153266 | DB1-421 | 4.21 |
| 153208 | DB1-362 | 3.62 | 153238 | DB1-392 | 3.92 | 153267 | DB1-422 | 4.22 |
| 153209 | DB1-363 | 3.63 | 153239 | DB1-393 | 3.93 | 153268 | DB1-423 | 4.23 |
| 153210 | DB1-364 | 3.64 | 153240 | DB1-394 | 3.94 | 153269 | DB1-424 | 4.24 |
| 153211 | DB1-365 | 3.65 | 153241 | DB1-395 | 3.95 | 153270 | DB1-425 | 4.25 |
| 153212 | DB1-366 | 3.66 | 153242 | DB1-396 | 3.96 | 153271 | DB1-426 | 4.26 |
| 153213 | DB1-367 | 3.67 | 153243 | DB1-397 | 3.97 | 153272 | DB1-427 | 4.27 |
| 153214 | DB1-368 | 3.68 | 153244 | DB1-398 | 3.98 | 153273 | DB1-428 | 4.28 |
| 153215 | DB1-369 | 3.69 | 153245 | DB1-399 | 3.99 | 153274 | DB1-429 | 4.29 |
| 153216 | DB1-370 | 3.7 | 150889 | DB1-400 | 4 | 153275 | DB1-430 | 4.3 |
| 153217 | DB1-371 | 3.71 | 153246 | DB1-401 | 4.01 | 153276 | DB1-431 | 4.31 |
| 153218 | DB1-372 | 3.72 | 153247 | DB1-402 | 4.02 | 153277 | DB1-432 | 4.32 |
| 153219 | DB1-373 | 3.73 | 153248 | DB1-403 | 4.03 | 153278 | DB1-433 | 4.33 |
| 153220 | DB1-374 | 3.74 | 153249 | DB1-404 | 4.04 | 153279 | DB1-434 | 4.34 |
| 153221 | DB1-375 | 3.75 | 153250 | DB1-405 | 4.05 | 153280 | DB1-435 | 4.35 |
| 153222 | DB1-376 | 3.76 | 153251 | DB1-406 | 4.06 | 153281 | DB1-436 | 4.36 |
| 153223 | DB1-377 | 3.77 | 153252 | DB1-407 | 4.07 | 153282 | DB1-437 | 4.37 |
| 153224 | DB1-378 | 3.78 | 153253 | DB1-408 | 4.08 | 153283 | DB1-438 | 4.38 |
| 153225 | DB1-379 | 3.79 | 153254 | DB1-409 | 4.09 | 153284 | DB1-439 | 4.39 |
| 153226 | DB1-380 | 3.8 | 153255 | DB1-410 | 4.1 | 153285 | DB1-440 | 4.4 |
| 153227 | DB1-381 | 3.81 | 153256 | DB1-411 | 4.11 | 153286 | DB1-441 | 4.41 |
| 153228 | DB1-382 | 3.82 | 153257 | DB1-412 | 4.12 | 153287 | DB1-442 | 4.42 |
| 153229 | DB1-383 | 3.83 | 153258 | DB1-413 | 4.13 | 153288 | DB1-443 | 4.43 |
| 153230 | DB1-384 | 3.84 | 153259 | DB1-414 | 4.14 | 153289 | DB1-444 | 4.44 |
| 153231 | DB1-385 | 3.85 | 153260 | DB1-415 | 4.15 | 153290 | DB1-445 | 4.45 |
| 153232 | DB1-386 | 3.86 | 153261 | DB1-416 | 4.16 | 153291 | DB1-446 | 4.46 |
| 153233 | DB1-387 | 3.87 | 153262 | DB1-417 | 4.17 | 153292 | DB1-447 | 4.47 |
| 153234 | DB1-388 | 3.88 | 153263 | DB1-418 | 4.18 | 153293 | DB1-448 | 4.48 |
| 153235 | DB1-389 | 3.89 | 153264 | DB1-419 | 4.19 | 153294 | DB1-449 | 4.49 |

BLOCK GAUGE (GRADE 1)



SPECIFICATIONS

| Size (mm) | | Grade 1 | |
|-----------|----------|----------------|----------------------------|
| Over | Or under | Tolerance (μm) | Dimensional Deviation (μm) |
| — | 10 | ± 0,20 | 0,16 |
| 10 | 25 | ± 0,30 | 0,16 |
| 25 | 50 | ± 0,40 | 0,18 |
| 50 | 75 | ± 0,50 | 0,18 |
| 75 | 100 | ± 0,60 | 0,20 |
| 100 | 150 | ± 0,80 | 0,20 |
| 150 | 200 | ± 1,00 | 0,25 |
| 200 | 250 | ± 1,20 | 0,25 |
| 250 | 300 | ± 1,40 | 0,25 |
| 300 | 400 | ± 1,80 | 0,30 |
| 400 | 500 | ± 2,20 | 0,35 |
| 500 | 600 | ± 2,60 | 0,40 |

USE

- As reference standard and for general measurement work
- As spacer and prefinished sub-assembly components

MATERIAL

- High carbon high chromium steel

FEATURES

- Conforms to JIS (Grade 1)
- Provided with inspection report

SPECIFICATIONS

- Section size: 10mm or under: 30(0~-0.3)×9(-0.05~-0.2)mm
Over 10mm: 35(0~-0.3)×9(-0.05~-0.2)mm
- Coefficient of thermal expansion: 11.5×10⁻⁶/K
- ※ Calibration and custom size production are NOT available

| Number | Model | Size | Number | Model | Size | Number | Model | Size |
|--------|---------|------|--------|---------|------|--------|---------|------|
| 150890 | DB1-450 | 4.5 | 153324 | DB1-480 | 4.8 | 153353 | DB1-510 | 5.1 |
| 153295 | DB1-451 | 4.51 | 153325 | DB1-481 | 4.81 | 153354 | DB1-511 | 5.11 |
| 153296 | DB1-452 | 4.52 | 153326 | DB1-482 | 4.82 | 153355 | DB1-512 | 5.12 |
| 153297 | DB1-453 | 4.53 | 153327 | DB1-483 | 4.83 | 153356 | DB1-513 | 5.13 |
| 153298 | DB1-454 | 4.54 | 153328 | DB1-484 | 4.84 | 153357 | DB1-514 | 5.14 |
| 153299 | DB1-455 | 4.55 | 153329 | DB1-485 | 4.85 | 153358 | DB1-515 | 5.15 |
| 153300 | DB1-456 | 4.56 | 153330 | DB1-486 | 4.86 | 153359 | DB1-516 | 5.16 |
| 153301 | DB1-457 | 4.57 | 153331 | DB1-487 | 4.87 | 153360 | DB1-517 | 5.17 |
| 153302 | DB1-458 | 4.58 | 153332 | DB1-488 | 4.88 | 153361 | DB1-518 | 5.18 |
| 153303 | DB1-459 | 4.59 | 153333 | DB1-489 | 4.89 | 153362 | DB1-519 | 5.19 |
| 153304 | DB1-460 | 4.6 | 153334 | DB1-490 | 4.9 | 153363 | DB1-520 | 5.2 |
| 153305 | DB1-461 | 4.61 | 153335 | DB1-491 | 4.91 | 153364 | DB1-521 | 5.21 |
| 153306 | DB1-462 | 4.62 | 153336 | DB1-492 | 4.92 | 153365 | DB1-522 | 5.22 |
| 153307 | DB1-463 | 4.63 | 153337 | DB1-493 | 4.93 | 153366 | DB1-523 | 5.23 |
| 153308 | DB1-464 | 4.64 | 153338 | DB1-494 | 4.94 | 153367 | DB1-524 | 5.24 |
| 153309 | DB1-465 | 4.65 | 153339 | DB1-495 | 4.95 | 153368 | DB1-525 | 5.25 |
| 153310 | DB1-466 | 4.66 | 153340 | DB1-496 | 4.96 | 153369 | DB1-526 | 5.26 |
| 153311 | DB1-467 | 4.67 | 153341 | DB1-497 | 4.97 | 153370 | DB1-527 | 5.27 |
| 153312 | DB1-468 | 4.68 | 153342 | DB1-498 | 4.98 | 153371 | DB1-528 | 5.28 |
| 153313 | DB1-469 | 4.69 | 153343 | DB1-499 | 4.99 | 153372 | DB1-529 | 5.29 |
| 153314 | DB1-470 | 4.7 | 150891 | DB1-500 | 5 | 153373 | DB1-530 | 5.3 |
| 153315 | DB1-471 | 4.71 | 153344 | DB1-501 | 5.01 | 153374 | DB1-531 | 5.31 |
| 153316 | DB1-472 | 4.72 | 153345 | DB1-502 | 5.02 | 153375 | DB1-532 | 5.32 |
| 153317 | DB1-473 | 4.73 | 153346 | DB1-503 | 5.03 | 153376 | DB1-533 | 5.33 |
| 153318 | DB1-474 | 4.74 | 153347 | DB1-504 | 5.04 | 153377 | DB1-534 | 5.34 |
| 153319 | DB1-475 | 4.75 | 153348 | DB1-505 | 5.05 | 153378 | DB1-535 | 5.35 |
| 153320 | DB1-476 | 4.76 | 153349 | DB1-506 | 5.06 | 153379 | DB1-536 | 5.36 |
| 153321 | DB1-477 | 4.77 | 153350 | DB1-507 | 5.07 | 153380 | DB1-537 | 5.37 |
| 153322 | DB1-478 | 4.78 | 153351 | DB1-508 | 5.08 | 153381 | DB1-538 | 5.38 |
| 153323 | DB1-479 | 4.79 | 153352 | DB1-509 | 5.09 | 153382 | DB1-539 | 5.39 |

BLOCK GAUGE (GRADE 1)



SPECIFICATIONS

| Size (mm) | | Grade 1 | |
|-----------|----------|----------------|----------------------------|
| Over | Or under | Tolerance (μm) | Dimensional Deviation (μm) |
| — | 10 | ± 0,20 | 0,16 |
| 10 | 25 | ± 0,30 | 0,16 |
| 25 | 50 | ± 0,40 | 0,18 |
| 50 | 75 | ± 0,50 | 0,18 |
| 75 | 100 | ± 0,60 | 0,20 |
| 100 | 150 | ± 0,80 | 0,20 |
| 150 | 200 | ± 1,00 | 0,25 |
| 200 | 250 | ± 1,20 | 0,25 |
| 250 | 300 | ± 1,40 | 0,25 |
| 300 | 400 | ± 1,80 | 0,30 |
| 400 | 500 | ± 2,20 | 0,35 |
| 500 | 600 | ± 2,60 | 0,40 |

USE

- As reference standard and for general measurement work
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MATERIAL

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- ※ Calibration and custom size production are NOT available

| Number | Model | Size | Number | Model | Size | Number | Model | Size |
|--------|---------|------|--------|---------|------|--------|----------|------|
| 153383 | DB1-540 | 5.4 | 153412 | DB1-570 | 5.7 | 150894 | DB1-600 | 6 |
| 153384 | DB1-541 | 5.41 | 153413 | DB1-571 | 5.71 | 150895 | DB1-650 | 6.5 |
| 153385 | DB1-542 | 5.42 | 153414 | DB1-572 | 5.72 | 150896 | DB1-700 | 7 |
| 153386 | DB1-543 | 5.43 | 153415 | DB1-573 | 5.73 | 150897 | DB1-750 | 7.5 |
| 153387 | DB1-544 | 5.44 | 153416 | DB1-574 | 5.74 | 150899 | DB1-800 | 8 |
| 153388 | DB1-545 | 5.45 | 153417 | DB1-575 | 5.75 | 150900 | DB1-850 | 8.5 |
| 153389 | DB1-546 | 5.46 | 153418 | DB1-576 | 5.76 | 150901 | DB1-900 | 9 |
| 153390 | DB1-547 | 5.47 | 153419 | DB1-577 | 5.77 | 150902 | DB1-950 | 9.5 |
| 153391 | DB1-548 | 5.48 | 153420 | DB1-578 | 5.78 | 150903 | DB1-1000 | 10 |
| 153392 | DB1-549 | 5.49 | 153421 | DB1-579 | 5.79 | 150905 | DB1-1050 | 10.5 |
| 150893 | DB1-550 | 5.5 | 153422 | DB1-580 | 5.8 | 150906 | DB1-1100 | 11 |
| 153393 | DB1-551 | 5.51 | 153423 | DB1-581 | 5.81 | 150907 | DB1-1150 | 11.5 |
| 153394 | DB1-552 | 5.52 | 153424 | DB1-582 | 5.82 | 150908 | DB1-1200 | 12 |
| 153395 | DB1-553 | 5.53 | 153425 | DB1-583 | 5.83 | 150909 | DB1-1250 | 12.5 |
| 153396 | DB1-554 | 5.54 | 153426 | DB1-584 | 5.84 | 150911 | DB1-1300 | 13 |
| 153397 | DB1-555 | 5.55 | 153427 | DB1-585 | 5.85 | 150912 | DB1-1350 | 13.5 |
| 153398 | DB1-556 | 5.56 | 153428 | DB1-586 | 5.86 | 150913 | DB1-1400 | 14 |
| 153399 | DB1-557 | 5.57 | 153429 | DB1-587 | 5.87 | 150914 | DB1-1450 | 14.5 |
| 153400 | DB1-558 | 5.58 | 153430 | DB1-588 | 5.88 | 150915 | DB1-1500 | 15 |
| 153401 | DB1-559 | 5.59 | 153431 | DB1-589 | 5.89 | 150916 | DB1-1550 | 15.5 |
| 153402 | DB1-560 | 5.6 | 153432 | DB1-590 | 5.9 | 150917 | DB1-1600 | 16 |
| 153403 | DB1-561 | 5.61 | 153433 | DB1-591 | 5.91 | 150918 | DB1-1650 | 16.5 |
| 153404 | DB1-562 | 5.62 | 153434 | DB1-592 | 5.92 | 150919 | DB1-1700 | 17 |
| 153405 | DB1-563 | 5.63 | 153435 | DB1-593 | 5.93 | 150920 | DB1-1750 | 17.5 |
| 153406 | DB1-564 | 5.64 | 153436 | DB1-594 | 5.94 | 150921 | DB1-1800 | 18 |
| 153407 | DB1-565 | 5.65 | 153437 | DB1-595 | 5.95 | 150922 | DB1-1850 | 18.5 |
| 153408 | DB1-566 | 5.66 | 153438 | DB1-596 | 5.96 | 150923 | DB1-1900 | 19 |
| 153409 | DB1-567 | 5.67 | 153439 | DB1-597 | 5.97 | 150924 | DB1-1950 | 19.5 |
| 153410 | DB1-568 | 5.68 | 153440 | DB1-598 | 5.98 | 150925 | DB1-2000 | 20 |
| 153411 | DB1-569 | 5.69 | 153441 | DB1-599 | 5.99 | 150927 | DB1-2050 | 20.5 |

BLOCK GAUGE (GRADE 1)



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| 100 | 150 | ± 0,80 | 0,20 |
| 150 | 200 | ± 1,00 | 0,25 |
| 200 | 250 | ± 1,20 | 0,25 |
| 250 | 300 | ± 1,40 | 0,25 |
| 300 | 400 | ± 1,80 | 0,30 |
| 400 | 500 | ± 2,20 | 0,35 |
| 500 | 600 | ± 2,60 | 0,40 |

| Number | Model | Size |
|--------|-----------|------|
| 150928 | DB1-2100 | 21 |
| 150929 | DB1-2150 | 21.5 |
| 150930 | DB1-2200 | 22 |
| 150931 | DB1-2250 | 22.5 |
| 150933 | DB1-2300 | 23 |
| 150934 | DB1-2350 | 23.5 |
| 150935 | DB1-2400 | 24 |
| 150936 | DB1-2450 | 24.5 |
| 150937 | DB1-2500 | 25 |
| 150939 | DB1-3000 | 30 |
| 150940 | DB1-4000 | 40 |
| 150941 | DB1-5000 | 50 |
| 150942 | DB1-6000 | 60 |
| 150944 | DB1-7000 | 70 |
| 150945 | DB1-7500 | 75 |
| 150946 | DB1-8000 | 80 |
| 150947 | DB1-9000 | 90 |
| 150948 | DB1-10000 | 100 |
| 150949 | DB1-12500 | 125 |
| 150950 | DB1-15000 | 150 |
| 150794 | DB1-17500 | 175 |
| 150795 | DB1-20000 | 200 |
| 150796 | DB1-25000 | 250 |
| 150797 | DB1-30000 | 300 |
| 150798 | DB1-40000 | 400 |
| 150799 | DB1-50000 | 500 |
| 150800 | DB1-60000 | 600 |