

O-Ring Standard Size (JIS B 2401)

TABLE OF DIMENSIONS OF O-RINGS FOR STATIC SEALING OF CYLINDRICAL SURFACE AND FLAT SURFACE

| MEASUREMENTS IN MILLIMETERS | | | | | MEASUREMENTS IN INCHES | | | | |
|-----------------------------|--------|------|------|------|------------------------|--------|-------|-------|-------|
| JIS B 2401 SIZE | ID | ± | CS | ± | JIS B 2401 SIZE | ID | ± | CS | ± |
| G25 | 24.40 | 0.25 | 3.10 | 0.10 | G25 | 0.961 | 0.010 | 0.122 | 0.004 |
| G30 | 29.40 | 0.29 | 3.10 | 0.10 | G30 | 1.157 | 0.011 | 0.122 | 0.004 |
| G35 | 34.40 | 0.33 | 3.10 | 0.10 | G35 | 1.354 | 0.013 | 0.122 | 0.004 |
| G40 | 39.40 | 0.37 | 3.10 | 0.10 | G40 | 1.551 | 0.015 | 0.122 | 0.004 |
| G45 | 44.40 | 0.41 | 3.10 | 0.10 | G45 | 1.748 | 0.016 | 0.122 | 0.004 |
| G50 | 49.40 | 0.45 | 3.10 | 0.10 | G50 | 1.945 | 0.018 | 0.122 | 0.004 |
| G55 | 54.40 | 0.49 | 3.10 | 0.10 | G55 | 2.142 | 0.019 | 0.122 | 0.004 |
| G60 | 59.40 | 0.53 | 3.10 | 0.10 | G60 | 2.339 | 0.021 | 0.122 | 0.004 |
| G65 | 64.40 | 0.57 | 3.10 | 0.10 | G65 | 2.535 | 0.022 | 0.122 | 0.004 |
| G70 | 69.40 | 0.61 | 3.10 | 0.10 | G70 | 2.732 | 0.024 | 0.122 | 0.004 |
| G75 | 74.40 | 0.65 | 3.10 | 0.10 | G75 | 2.929 | 0.026 | 0.122 | 0.004 |
| G80 | 79.40 | 0.69 | 3.10 | 0.10 | G80 | 3.126 | 0.027 | 0.122 | 0.004 |
| G85 | 84.40 | 0.73 | 3.10 | 0.10 | G85 | 3.323 | 0.029 | 0.122 | 0.004 |
| G90 | 89.40 | 0.77 | 3.10 | 0.10 | G90 | 3.520 | 0.030 | 0.122 | 0.004 |
| G95 | 94.40 | 0.81 | 3.10 | 0.10 | G95 | 3.717 | 0.032 | 0.122 | 0.004 |
| G100 | 99.40 | 0.85 | 3.10 | 0.10 | G100 | 3.913 | 0.033 | 0.122 | 0.004 |
| G105 | 104.40 | 0.87 | 3.10 | 0.10 | G105 | 4.110 | 0.034 | 0.122 | 0.004 |
| G110 | 109.40 | 0.91 | 3.10 | 0.10 | G110 | 4.307 | 0.036 | 0.122 | 0.004 |
| G115 | 114.40 | 0.94 | 3.10 | 0.10 | G115 | 4.504 | 0.037 | 0.122 | 0.004 |
| G120 | 119.40 | 0.98 | 3.10 | 0.10 | G120 | 4.701 | 0.039 | 0.122 | 0.004 |
| G125 | 124.40 | 1.01 | 3.10 | 0.10 | G125 | 4.898 | 0.040 | 0.122 | 0.004 |
| G130 | 129.40 | 1.05 | 3.10 | 0.10 | G130 | 5.094 | 0.041 | 0.122 | 0.004 |
| G135 | 134.40 | 1.08 | 3.10 | 0.10 | G135 | 5.291 | 0.043 | 0.122 | 0.004 |
| G140 | 139.40 | 1.12 | 3.10 | 0.10 | G140 | 5.488 | 0.044 | 0.122 | 0.004 |
| G145 | 144.40 | 1.16 | 3.10 | 0.10 | G145 | 5.685 | 0.046 | 0.122 | 0.004 |
| G150 | 149.30 | 1.19 | 5.70 | 0.13 | G150 | 5.878 | 0.047 | 0.224 | 0.005 |
| G155 | 154.30 | 1.23 | 5.70 | 0.13 | G155 | 6.075 | 0.048 | 0.224 | 0.005 |
| G160 | 159.30 | 1.26 | 5.70 | 0.13 | G160 | 6.272 | 0.050 | 0.224 | 0.005 |
| G165 | 164.30 | 1.30 | 5.70 | 0.13 | G165 | 6.468 | 0.051 | 0.224 | 0.005 |
| G170 | 169.30 | 1.33 | 5.70 | 0.13 | G170 | 6.665 | 0.052 | 0.224 | 0.005 |
| G175 | 174.30 | 1.37 | 5.70 | 0.13 | G175 | 6.862 | 0.054 | 0.224 | 0.005 |
| G180 | 179.30 | 1.40 | 5.70 | 0.13 | G180 | 7.059 | 0.055 | 0.224 | 0.005 |
| G185 | 184.30 | 1.44 | 5.70 | 0.13 | G185 | 7.256 | 0.057 | 0.224 | 0.005 |
| G190 | 189.30 | 1.47 | 5.70 | 0.13 | G190 | 7.453 | 0.058 | 0.224 | 0.005 |
| G195 | 194.30 | 1.51 | 5.70 | 0.13 | G195 | 7.650 | 0.059 | 0.224 | 0.005 |
| G200 | 199.30 | 1.55 | 5.70 | 0.13 | G200 | 7.846 | 0.061 | 0.224 | 0.005 |
| G205 | 204.30 | 1.58 | 5.70 | 0.13 | G205 | 8.043 | 0.062 | 0.224 | 0.005 |
| G210 | 209.30 | 1.61 | 5.70 | 0.13 | G210 | 8.240 | 0.063 | 0.224 | 0.005 |
| G215 | 214.30 | 1.65 | 5.70 | 0.13 | G215 | 8.437 | 0.065 | 0.224 | 0.005 |
| G220 | 219.30 | 1.68 | 5.70 | 0.13 | G220 | 8.634 | 0.066 | 0.224 | 0.005 |
| G225 | 224.30 | 1.71 | 5.70 | 0.13 | G225 | 8.831 | 0.067 | 0.224 | 0.005 |
| G230 | 229.30 | 1.73 | 5.70 | 0.13 | G230 | 9.028 | 0.068 | 0.224 | 0.005 |
| G235 | 234.30 | 1.78 | 5.70 | 0.13 | G235 | 9.224 | 0.070 | 0.224 | 0.005 |
| G240 | 239.30 | 1.81 | 5.70 | 0.13 | G240 | 9.421 | 0.071 | 0.224 | 0.005 |
| G245 | 244.30 | 1.85 | 5.70 | 0.13 | G245 | 9.618 | 0.073 | 0.224 | 0.005 |
| G250 | 249.30 | 1.88 | 5.70 | 0.13 | G250 | 9.815 | 0.074 | 0.224 | 0.005 |
| G255 | 254.30 | 1.91 | 5.70 | 0.13 | G255 | 10.012 | 0.075 | 0.224 | 0.005 |
| G260 | 259.30 | 1.94 | 5.70 | 0.13 | G260 | 10.209 | 0.076 | 0.224 | 0.005 |
| G265 | 264.30 | 1.98 | 5.70 | 0.13 | G265 | 10.405 | 0.078 | 0.224 | 0.005 |
| G270 | 269.30 | 2.01 | 5.70 | 0.13 | G270 | 10.602 | 0.079 | 0.224 | 0.005 |
| G275 | 274.30 | 2.04 | 5.70 | 0.13 | G275 | 10.799 | 0.080 | 0.224 | 0.005 |
| G280 | 279.30 | 2.07 | 5.70 | 0.13 | G280 | 10.996 | 0.081 | 0.224 | 0.005 |
| G285 | 284.30 | 2.11 | 5.70 | 0.13 | G285 | 11.193 | 0.083 | 0.224 | 0.005 |
| G290 | 289.30 | 2.14 | 5.70 | 0.13 | G290 | 11.390 | 0.084 | 0.224 | 0.005 |
| G295 | 294.30 | 2.17 | 5.70 | 0.13 | G295 | 11.587 | 0.085 | 0.224 | 0.005 |

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| MEASUREMENTS IN MILLIMETERS | | | | | MEASUREMENTS IN INCHES | | | | |
|-----------------------------|--------|------|------|------|------------------------|--------|-------|-------|-------|
| JIS B 2401 SIZE | ID | ± | CS | ± | JIS B 2401 SIZE | ID | ± | CS | ± |
| G300 | 299.30 | 2.20 | 5.70 | 0.13 | G300 | 11.783 | 0.087 | 0.224 | 0.005 |
| G305 | 304.30 | 2.24 | 5.70 | 0.13 | G305 | 11.980 | 0.088 | 0.224 | 0.005 |
| G310 | 309.30 | 2.27 | 5.70 | 0.13 | G310 | 12.177 | 0.089 | 0.224 | 0.005 |
| G315 | 314.30 | 2.30 | 5.70 | 0.13 | G315 | 12.374 | 0.091 | 0.224 | 0.005 |
| G320 | 319.30 | 2.33 | 5.70 | 0.13 | G320 | 12.571 | 0.092 | 0.224 | 0.005 |
| G325 | 324.30 | 2.36 | 5.70 | 0.13 | G325 | 12.768 | 0.093 | 0.224 | 0.005 |
| G330 | 329.30 | 2.39 | 5.70 | 0.13 | G330 | 12.965 | 0.094 | 0.224 | 0.005 |
| G335 | 334.30 | 2.42 | 5.70 | 0.13 | G335 | 13.161 | 0.095 | 0.224 | 0.005 |
| G340 | 339.30 | 2.45 | 5.70 | 0.13 | G340 | 13.358 | 0.096 | 0.224 | 0.005 |
| G345 | 344.30 | 2.48 | 5.70 | 0.13 | G345 | 13.555 | 0.098 | 0.224 | 0.005 |
| G350 | 349.30 | 2.51 | 5.70 | 0.13 | G350 | 13.752 | 0.099 | 0.224 | 0.005 |
| G355 | 354.30 | 2.54 | 5.70 | 0.13 | G355 | 13.949 | 0.100 | 0.224 | 0.005 |
| G360 | 359.30 | 2.57 | 5.70 | 0.13 | G360 | 14.146 | 0.101 | 0.224 | 0.005 |
| G365 | 364.30 | 2.60 | 5.70 | 0.13 | G365 | 14.342 | 0.102 | 0.224 | 0.005 |
| G370 | 369.30 | 2.63 | 5.70 | 0.13 | G370 | 14.539 | 0.104 | 0.224 | 0.005 |
| G375 | 374.30 | 2.67 | 5.70 | 0.13 | G375 | 14.736 | 0.105 | 0.224 | 0.005 |
| G380 | 379.30 | 2.70 | 5.70 | 0.13 | G380 | 14.933 | 0.106 | 0.224 | 0.005 |
| G385 | 384.30 | 2.73 | 5.70 | 0.13 | G385 | 15.130 | 0.107 | 0.224 | 0.005 |
| G390 | 389.30 | 2.77 | 5.70 | 0.13 | G390 | 15.327 | 0.109 | 0.224 | 0.005 |
| G395 | 394.30 | 2.79 | 5.70 | 0.13 | G395 | 15.524 | 0.110 | 0.224 | 0.005 |
| G400 | 399.30 | 2.82 | 5.70 | 0.13 | G400 | 15.720 | 0.111 | 0.224 | 0.005 |
| G405 | 404.30 | 3.00 | 5.70 | 0.13 | G405 | 15.917 | 0.118 | 0.224 | 0.005 |
| G410 | 409.30 | 3.00 | 5.70 | 0.13 | G410 | 16.114 | 0.118 | 0.224 | 0.005 |
| G415 | 414.30 | 3.00 | 5.70 | 0.13 | G415 | 16.311 | 0.118 | 0.224 | 0.005 |
| G420 | 419.30 | 3.00 | 5.70 | 0.13 | G420 | 16.508 | 0.118 | 0.224 | 0.005 |
| G425 | 424.30 | 3.00 | 5.70 | 0.13 | G425 | 16.705 | 0.118 | 0.224 | 0.005 |
| G430 | 429.30 | 3.00 | 5.70 | 0.13 | G430 | 16.902 | 0.118 | 0.224 | 0.005 |
| G435 | 434.30 | 3.00 | 5.70 | 0.13 | G435 | 17.098 | 0.118 | 0.224 | 0.005 |
| G440 | 439.30 | 3.00 | 5.70 | 0.13 | G440 | 17.295 | 0.118 | 0.224 | 0.005 |
| G445 | 444.30 | 3.00 | 5.70 | 0.13 | G445 | 17.492 | 0.118 | 0.224 | 0.005 |
| G450 | 449.30 | 3.00 | 5.70 | 0.13 | G450 | 17.689 | 0.118 | 0.224 | 0.005 |
| G455 | 454.30 | 3.30 | 5.70 | 0.13 | G455 | 17.886 | 0.130 | 0.224 | 0.005 |
| G460 | 459.30 | 3.30 | 5.70 | 0.13 | G460 | 18.083 | 0.130 | 0.224 | 0.005 |
| G465 | 464.30 | 3.30 | 5.70 | 0.13 | G465 | 18.279 | 0.130 | 0.224 | 0.005 |
| G470 | 469.30 | 3.30 | 5.70 | 0.13 | G470 | 18.476 | 0.130 | 0.224 | 0.005 |
| G475 | 474.30 | 3.30 | 5.70 | 0.13 | G475 | 18.673 | 0.130 | 0.224 | 0.005 |
| G480 | 479.30 | 3.30 | 5.70 | 0.13 | G480 | 18.870 | 0.130 | 0.224 | 0.005 |
| G485 | 484.30 | 3.30 | 5.70 | 0.13 | G485 | 19.067 | 0.130 | 0.224 | 0.005 |
| G490 | 489.30 | 3.30 | 5.70 | 0.13 | G490 | 19.264 | 0.130 | 0.224 | 0.005 |
| G495 | 494.30 | 3.30 | 5.70 | 0.13 | G495 | 19.461 | 0.130 | 0.224 | 0.005 |
| G500 | 499.30 | 3.30 | 5.70 | 0.13 | G500 | 19.657 | 0.130 | 0.224 | 0.005 |
| G510 | 509.30 | 3.47 | 5.70 | 0.13 | G510 | 20.051 | 0.136 | 0.224 | 0.005 |
| G520 | 519.30 | 3.53 | 5.70 | 0.13 | G520 | 20.445 | 0.139 | 0.224 | 0.005 |
| G530 | 529.30 | 3.59 | 5.70 | 0.13 | G530 | 20.839 | 0.141 | 0.224 | 0.005 |
| G540 | 539.30 | 3.65 | 5.70 | 0.13 | G540 | 21.232 | 0.144 | 0.224 | 0.005 |
| G550 | 549.30 | 3.72 | 5.70 | 0.13 | G550 | 21.626 | 0.146 | 0.224 | 0.005 |
| G560 | 559.30 | 3.78 | 5.70 | 0.13 | G560 | 22.020 | 0.149 | 0.224 | 0.005 |
| G570 | 569.30 | 3.84 | 5.70 | 0.13 | G570 | 22.413 | 0.151 | 0.224 | 0.005 |
| G580 | 579.30 | 3.90 | 5.70 | 0.13 | G580 | 22.807 | 0.154 | 0.224 | 0.005 |
| G590 | 589.30 | 3.97 | 5.70 | 0.13 | G590 | 23.201 | 0.156 | 0.224 | 0.005 |
| G600 | 599.30 | 4.03 | 5.70 | 0.13 | G600 | 23.594 | 0.159 | 0.224 | 0.005 |
| G605 | 604.30 | 4.06 | 5.70 | 0.13 | G605 | 23.791 | 0.160 | 0.224 | 0.005 |
| G860 | 859.30 | 5.63 | 5.70 | 0.13 | G860 | 33.831 | 0.222 | 0.224 | 0.005 |
| G910 | 909.30 | 5.93 | 5.70 | 0.13 | G910 | 35.799 | 0.234 | 0.224 | 0.005 |

