

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

| O-Ring Standard Size (JIS B 2401) | | | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
| | ID | ± | CS | ± | ID | ± | CS | ± |
| P3 | 2.80 | 0.14 | 1.90 | 0.07 | 0.110 | 0.006 | 0.075 | 0.003 |
| P4 | 3.80 | 0.14 | 1.90 | 0.07 | 0.150 | 0.006 | 0.075 | 0.003 |
| P5 | 4.80 | 0.15 | 1.90 | 0.07 | 0.189 | 0.006 | 0.075 | 0.003 |
| P6 | 5.80 | 0.15 | 1.90 | 0.07 | 0.228 | 0.006 | 0.075 | 0.003 |
| P7 | 6.80 | 0.16 | 1.90 | 0.07 | 0.268 | 0.006 | 0.075 | 0.003 |
| P8 | 7.80 | 0.16 | 1.90 | 0.07 | 0.307 | 0.006 | 0.075 | 0.003 |
| P9 | 8.80 | 0.17 | 1.90 | 0.07 | 0.346 | 0.007 | 0.075 | 0.003 |
| P10 | 9.80 | 0.17 | 1.90 | 0.07 | 0.386 | 0.007 | 0.075 | 0.003 |
| P10A | 9.80 | 0.17 | 2.40 | 0.07 | 0.386 | 0.007 | 0.094 | 0.003 |
| P11 | 10.80 | 0.18 | 2.40 | 0.07 | 0.425 | 0.007 | 0.094 | 0.003 |
| P11.2 | 11.00 | 0.18 | 2.40 | 0.07 | 0.433 | 0.007 | 0.094 | 0.003 |
| P12 | 11.80 | 0.19 | 2.40 | 0.07 | 0.465 | 0.007 | 0.094 | 0.003 |
| P12.5 | 12.30 | 0.19 | 2.40 | 0.07 | 0.484 | 0.007 | 0.094 | 0.003 |
| P13 | 12.80 | 0.19 | 2.40 | 0.07 | 0.504 | 0.007 | 0.094 | 0.003 |
| P14 | 13.80 | 0.19 | 2.40 | 0.07 | 0.543 | 0.007 | 0.094 | 0.003 |
| P15 | 14.80 | 0.20 | 2.40 | 0.07 | 0.583 | 0.008 | 0.094 | 0.003 |
| P16 | 15.80 | 0.20 | 2.40 | 0.07 | 0.622 | 0.008 | 0.094 | 0.003 |
| P17 | 16.80 | 0.21 | 2.40 | 0.07 | 0.661 | 0.008 | 0.094 | 0.003 |
| P18 | 17.80 | 0.21 | 2.40 | 0.07 | 0.701 | 0.008 | 0.094 | 0.003 |
| P19 | 18.80 | 0.21 | 2.40 | 0.07 | 0.740 | 0.008 | 0.094 | 0.003 |
| P20 | 19.80 | 0.22 | 2.40 | 0.07 | 0.780 | 0.009 | 0.094 | 0.003 |
| P21 | 20.80 | 0.23 | 2.40 | 0.07 | 0.819 | 0.009 | 0.094 | 0.003 |
| P22 | 21.80 | 0.24 | 2.40 | 0.07 | 0.858 | 0.009 | 0.094 | 0.003 |
| P22A | 21.70 | 0.24 | 3.50 | 0.10 | 0.854 | 0.009 | 0.138 | 0.004 |
| P22.4 | 22.10 | 0.24 | 3.50 | 0.10 | 0.870 | 0.009 | 0.138 | 0.004 |
| P24 | 23.70 | 0.24 | 3.50 | 0.10 | 0.933 | 0.009 | 0.138 | 0.004 |
| P25 | 24.70 | 0.25 | 3.50 | 0.10 | 0.972 | 0.010 | 0.138 | 0.004 |
| P25.5 | 25.20 | 0.25 | 3.50 | 0.10 | 0.992 | 0.010 | 0.138 | 0.004 |
| P26 | 25.70 | 0.26 | 3.50 | 0.10 | 1.012 | 0.010 | 0.138 | 0.004 |
| P28 | 27.70 | 0.28 | 3.50 | 0.10 | 1.091 | 0.011 | 0.138 | 0.004 |
| P29 | 28.70 | 0.29 | 3.50 | 0.10 | 1.130 | 0.011 | 0.138 | 0.004 |
| P29.5 | 29.20 | 0.29 | 3.50 | 0.10 | 1.150 | 0.011 | 0.138 | 0.004 |
| P30 | 29.70 | 0.29 | 3.50 | 0.10 | 1.169 | 0.011 | 0.138 | 0.004 |
| P31 | 30.70 | 0.30 | 3.50 | 0.10 | 1.209 | 0.012 | 0.138 | 0.004 |
| P31.5 | 31.20 | 0.31 | 3.50 | 0.10 | 1.228 | 0.012 | 0.138 | 0.004 |
| P32 | 31.70 | 0.31 | 3.50 | 0.10 | 1.248 | 0.012 | 0.138 | 0.004 |
| P33 | 32.70 | 0.31 | 3.50 | 0.10 | 1.287 | 0.012 | 0.138 | 0.004 |
| P34 | 33.70 | 0.33 | 3.50 | 0.10 | 1.327 | 0.013 | 0.138 | 0.004 |
| P35 | 34.70 | 0.34 | 3.50 | 0.10 | 1.366 | 0.013 | 0.138 | 0.004 |
| P35.5 | 35.20 | 0.34 | 3.50 | 0.10 | 1.386 | 0.013 | 0.138 | 0.004 |
| P36 | 35.70 | 0.34 | 3.50 | 0.10 | 1.406 | 0.013 | 0.138 | 0.004 |
| P38 | 37.70 | 0.37 | 3.50 | 0.10 | 1.484 | 0.015 | 0.138 | 0.004 |
| P39 | 38.70 | 0.37 | 3.50 | 0.10 | 1.524 | 0.015 | 0.138 | 0.004 |
| P40 | 39.70 | 0.37 | 3.50 | 0.10 | 1.563 | 0.015 | 0.138 | 0.004 |
| P41 | 40.70 | 0.38 | 3.50 | 0.10 | 1.602 | 0.015 | 0.138 | 0.004 |
| P42 | 41.70 | 0.39 | 3.50 | 0.10 | 1.642 | 0.015 | 0.138 | 0.004 |
| P44 | 43.70 | 0.41 | 3.50 | 0.10 | 1.720 | 0.016 | 0.138 | 0.004 |
| P45 | 44.70 | 0.41 | 3.50 | 0.10 | 1.760 | 0.016 | 0.138 | 0.004 |
| P46 | 45.70 | 0.42 | 3.50 | 0.10 | 1.799 | 0.017 | 0.138 | 0.004 |
| P48 | 47.70 | 0.44 | 3.50 | 0.10 | 1.878 | 0.017 | 0.138 | 0.004 |
| P49 | 48.70 | 0.45 | 3.50 | 0.10 | 1.917 | 0.018 | 0.138 | 0.004 |
| P50 | 49.70 | 0.45 | 3.50 | 0.10 | 1.957 | 0.018 | 0.138 | 0.004 |
| P48A | 47.60 | 0.44 | 5.70 | 0.13 | 1.874 | 0.017 | 0.224 | 0.005 |
| P50A | 49.60 | 0.45 | 5.70 | 0.13 | 1.953 | 0.018 | 0.224 | 0.005 |

O-Ring Standard Size (JIS B 2401)

| O-Ring Standard Size (JIS B 2401) | | | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
| | ID | ± | CS | ± | ID | ± | CS | ± |
| P52 | 51.60 | 0.47 | 5.70 | 0.13 | 2.031 | 0.019 | 0.224 | 0.005 |
| P53 | 52.60 | 0.48 | 5.70 | 0.13 | 2.071 | 0.019 | 0.224 | 0.005 |
| P55 | 54.60 | 0.49 | 5.70 | 0.13 | 2.150 | 0.019 | 0.224 | 0.005 |
| P56 | 55.60 | 0.50 | 5.70 | 0.13 | 2.189 | 0.020 | 0.224 | 0.005 |
| P58 | 57.60 | 0.52 | 5.70 | 0.13 | 2.268 | 0.020 | 0.224 | 0.005 |
| P60 | 59.60 | 0.53 | 5.70 | 0.13 | 2.346 | 0.021 | 0.224 | 0.005 |
| P62 | 61.60 | 0.55 | 5.70 | 0.13 | 2.425 | 0.022 | 0.224 | 0.005 |
| P63 | 62.60 | 0.56 | 5.70 | 0.13 | 2.465 | 0.022 | 0.224 | 0.005 |
| P65 | 64.60 | 0.57 | 5.70 | 0.13 | 2.543 | 0.022 | 0.224 | 0.005 |
| P67 | 66.60 | 0.59 | 5.70 | 0.13 | 2.622 | 0.023 | 0.224 | 0.005 |
| P68 | 67.60 | 0.59 | 5.70 | 0.13 | 2.661 | 0.023 | 0.224 | 0.005 |
| P70 | 69.60 | 0.61 | 5.70 | 0.13 | 2.740 | 0.024 | 0.224 | 0.005 |
| P71 | 70.60 | 0.62 | 5.70 | 0.13 | 2.780 | 0.024 | 0.224 | 0.005 |
| P75 | 74.60 | 0.65 | 5.70 | 0.13 | 2.937 | 0.026 | 0.224 | 0.005 |
| P80 | 79.60 | 0.69 | 5.70 | 0.13 | 3.134 | 0.027 | 0.224 | 0.005 |
| P85 | 84.60 | 0.73 | 5.70 | 0.13 | 3.331 | 0.029 | 0.224 | 0.005 |
| P90 | 89.60 | 0.77 | 5.70 | 0.13 | 3.528 | 0.030 | 0.224 | 0.005 |
| P95 | 94.60 | 0.81 | 5.70 | 0.13 | 3.724 | 0.032 | 0.224 | 0.005 |
| P100 | 99.60 | 0.84 | 5.70 | 0.13 | 3.921 | 0.033 | 0.224 | 0.005 |
| P102 | 101.60 | 0.85 | 5.70 | 0.13 | 4.000 | 0.033 | 0.224 | 0.005 |
| P105 | 104.60 | 0.87 | 5.70 | 0.13 | 4.118 | 0.034 | 0.224 | 0.005 |
| P110 | 109.60 | 0.91 | 5.70 | 0.13 | 4.315 | 0.036 | 0.224 | 0.005 |
| P112 | 111.60 | 0.92 | 5.70 | 0.13 | 4.394 | 0.036 | 0.224 | 0.005 |
| P115 | 114.60 | 0.94 | 5.70 | 0.13 | 4.512 | 0.037 | 0.224 | 0.005 |
| P120 | 119.60 | 0.98 | 5.70 | 0.13 | 4.709 | 0.039 | 0.224 | 0.005 |
| P125 | 124.60 | 1.01 | 5.70 | 0.13 | 4.906 | 0.040 | 0.224 | 0.005 |
| P130 | 129.60 | 1.05 | 5.70 | 0.13 | 5.102 | 0.041 | 0.224 | 0.005 |
| P132 | 131.60 | 1.06 | 5.70 | 0.13 | 5.181 | 0.042 | 0.224 | 0.005 |
| P135 | 134.60 | 1.09 | 5.70 | 0.13 | 5.299 | 0.043 | 0.224 | 0.005 |
| P140 | 139.60 | 1.12 | 5.70 | 0.13 | 5.496 | 0.044 | 0.224 | 0.005 |
| P145 | 144.60 | 1.16 | 5.70 | 0.13 | 5.693 | 0.046 | 0.224 | 0.005 |
| P150 | 149.60 | 1.19 | 5.70 | 0.13 | 5.890 | 0.047 | 0.224 | 0.005 |
| P150A | 149.50 | 1.19 | 8.40 | 0.15 | 5.886 | 0.047 | 0.331 | 0.006 |
| P155 | 154.50 | 1.23 | 8.40 | 0.15 | 6.083 | 0.048 | 0.331 | 0.006 |
| P160 | 159.50 | 1.26 | 8.40 | 0.15 | 6.280 | 0.050 | 0.331 | 0.006 |
| P165 | 164.50 | 1.30 | 8.40 | 0.15 | 6.476 | 0.051 | 0.331 | 0.006 |
| P170 | 169.50 | 1.33 | 8.40 | 0.15 | 6.673 | 0.052 | 0.331 | 0.006 |
| P175 | 174.50 | 1.37 | 8.40 | 0.15 | 6.870 | 0.054 | 0.331 | 0.006 |
| P180 | 179.50 | 1.40 | 8.40 | 0.15 | 7.067 | 0.055 | 0.331 | 0.006 |
| P185 | 184.50 | 1.44 | 8.40 | 0.15 | 7.264 | 0.057 | 0.331 | 0.006 |
| P190 | 189.50 | 1.48 | 8.40 | 0.15 | 7.461 | 0.058 | 0.331 | 0.006 |
| P195 | 194.50 | 1.51 | 8.40 | 0.15 | 7.657 | 0.059 | 0.331 | 0.006 |
| P200 | 199.50 | 1.55 | 8.40 | 0.15 | 7.854 | 0.061 | 0.331 | 0.006 |
| P205 | 204.50 | 1.58 | 8.40 | 0.15 | 8.051 | 0.062 | 0.331 | 0.006 |
| P209 | 208.50 | 1.61 | 8.40 | 0.15 | 8.209 | 0.063 | 0.331 | 0.006 |
| P210 | 209.50 | 1.62 | 8.40 | 0.15 | 8.248 | 0.064 | 0.331 | 0.006 |
| P215 | 214.50 | 1.65 | 8.40 | 0.15 | 8.445 | 0.065 | 0.331 | 0.006 |
| P220 | 219.50 | 1.68 | 8.40 | 0.15 | 8.642 | 0.066 | 0.331 | 0.006 |
| P225 | 224.50 | 1.71 | 8.40 | 0.15 | 8.839 | 0.067 | 0.331 | 0.006 |
| P230 | 229.50 | 1.75 | 8.40 | 0.15 | 9.035 | 0.069 | 0.331 | 0.006 |
| P235 | 234.50 | 1.78 | 8.40 | 0.15 | 9.232 | 0.070 | 0.331 | 0.006 |
| P240 | 239.50 | 1.81 | 8.40 | 0.15 | 9.429 | 0.071 | 0.331 | 0.006 |
| P245 | 244.50 | 1.84 | 8.40 | 0.15 | 9.626 | 0.072 | 0.331 | 0.006 |
| P250 | 249.50 | 1.88 | 8.40 | 0.15 | 9.823 | 0.074 | 0.331 | 0.006 |

O-Ring Standard Size (JIS B 2401)

| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
|--------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| | ID | ± | CS | ± | ID | ± | CS | ± |
| P255 | 254.50 | 1.91 | 8.40 | 0.15 | 10.020 | 0.075 | 0.331 | 0.006 |
| P260 | 259.50 | 1.94 | 8.40 | 0.15 | 10.217 | 0.076 | 0.331 | 0.006 |
| P265 | 264.50 | 1.97 | 8.40 | 0.15 | 10.413 | 0.078 | 0.331 | 0.006 |
| P270 | 269.50 | 2.01 | 8.40 | 0.15 | 10.610 | 0.079 | 0.331 | 0.006 |
| P275 | 274.50 | 2.04 | 8.40 | 0.15 | 10.807 | 0.080 | 0.331 | 0.006 |
| P280 | 279.50 | 2.07 | 8.40 | 0.15 | 11.004 | 0.081 | 0.331 | 0.006 |
| P285 | 284.50 | 2.10 | 8.40 | 0.15 | 11.201 | 0.083 | 0.331 | 0.006 |
| P290 | 289.50 | 2.14 | 8.40 | 0.15 | 11.398 | 0.084 | 0.331 | 0.006 |
| P295 | 294.50 | 2.17 | 8.40 | 0.15 | 11.594 | 0.085 | 0.331 | 0.006 |
| P300 | 299.50 | 2.20 | 8.40 | 0.15 | 11.791 | 0.087 | 0.331 | 0.006 |
| P305 | 304.50 | 2.24 | 8.40 | 0.15 | 11.988 | 0.088 | 0.331 | 0.006 |
| P310 | 309.50 | 2.27 | 8.40 | 0.15 | 12.185 | 0.089 | 0.331 | 0.006 |
| P315 | 314.50 | 2.30 | 8.40 | 0.15 | 12.382 | 0.091 | 0.331 | 0.006 |
| P320 | 319.50 | 2.33 | 8.40 | 0.15 | 12.579 | 0.092 | 0.331 | 0.006 |
| P325 | 324.50 | 2.36 | 8.40 | 0.15 | 12.776 | 0.093 | 0.331 | 0.006 |
| P330 | 329.50 | 2.39 | 8.40 | 0.15 | 12.972 | 0.094 | 0.331 | 0.006 |
| P335 | 334.50 | 2.42 | 8.40 | 0.15 | 13.169 | 0.095 | 0.331 | 0.006 |
| P340 | 339.50 | 2.45 | 8.40 | 0.15 | 13.366 | 0.096 | 0.331 | 0.006 |
| P345 | 344.50 | 2.48 | 8.40 | 0.15 | 13.563 | 0.098 | 0.331 | 0.006 |
| P350 | 349.50 | 2.51 | 8.40 | 0.15 | 13.760 | 0.099 | 0.331 | 0.006 |
| P355 | 354.50 | 2.54 | 8.40 | 0.15 | 13.957 | 0.100 | 0.331 | 0.006 |
| P360 | 359.50 | 2.57 | 8.40 | 0.15 | 14.154 | 0.101 | 0.331 | 0.006 |
| P365 | 364.50 | 2.60 | 8.40 | 0.15 | 14.350 | 0.102 | 0.331 | 0.006 |
| P370 | 369.50 | 2.63 | 8.40 | 0.15 | 14.547 | 0.104 | 0.331 | 0.006 |
| P375 | 374.50 | 2.67 | 8.40 | 0.15 | 14.744 | 0.105 | 0.331 | 0.006 |
| P380 | 379.50 | 2.70 | 8.40 | 0.15 | 14.941 | 0.106 | 0.331 | 0.006 |
| P385 | 384.50 | 2.73 | 8.40 | 0.15 | 15.138 | 0.107 | 0.331 | 0.006 |
| P390 | 389.50 | 2.77 | 8.40 | 0.15 | 15.335 | 0.109 | 0.331 | 0.006 |
| P395 | 394.50 | 2.79 | 8.40 | 0.15 | 15.531 | 0.110 | 0.331 | 0.006 |
| P400 | 399.50 | 2.82 | 8.40 | 0.15 | 15.728 | 0.111 | 0.331 | 0.006 |
| P405 | 404.50 | 3.00 | 8.40 | 0.15 | 15.925 | 0.118 | 0.331 | 0.006 |
| P410 | 409.50 | 3.00 | 8.40 | 0.15 | 16.122 | 0.118 | 0.331 | 0.006 |
| P415 | 414.50 | 3.00 | 8.40 | 0.15 | 16.319 | 0.118 | 0.331 | 0.006 |
| P420 | 419.50 | 3.00 | 8.40 | 0.15 | 16.516 | 0.118 | 0.331 | 0.006 |
| P425 | 424.50 | 3.00 | 8.40 | 0.15 | 16.713 | 0.118 | 0.331 | 0.006 |
| P430 | 429.50 | 3.00 | 8.40 | 0.15 | 16.909 | 0.118 | 0.331 | 0.006 |
| P435 | 434.50 | 3.00 | 8.40 | 0.15 | 17.106 | 0.118 | 0.331 | 0.006 |
| P440 | 439.50 | 3.00 | 8.40 | 0.15 | 17.303 | 0.118 | 0.331 | 0.006 |
| P445 | 444.50 | 3.00 | 8.40 | 0.15 | 17.500 | 0.118 | 0.331 | 0.006 |
| P450 | 449.50 | 3.00 | 8.40 | 0.15 | 17.697 | 0.118 | 0.331 | 0.006 |
| P455 | 454.50 | 3.30 | 8.40 | 0.15 | 17.894 | 0.130 | 0.331 | 0.006 |
| P460 | 459.50 | 3.30 | 8.40 | 0.15 | 18.091 | 0.130 | 0.331 | 0.006 |
| P465 | 464.50 | 3.30 | 8.40 | 0.15 | 18.287 | 0.130 | 0.331 | 0.006 |
| P470 | 469.50 | 3.30 | 8.40 | 0.15 | 18.484 | 0.130 | 0.331 | 0.006 |
| P475 | 474.50 | 3.30 | 8.40 | 0.15 | 18.681 | 0.130 | 0.331 | 0.006 |
| P480 | 479.50 | 3.30 | 8.40 | 0.15 | 18.878 | 0.130 | 0.331 | 0.006 |
| P485 | 484.50 | 3.30 | 8.40 | 0.15 | 19.075 | 0.130 | 0.331 | 0.006 |
| P490 | 489.50 | 3.30 | 8.40 | 0.15 | 19.272 | 0.130 | 0.331 | 0.006 |
| P495 | 494.50 | 3.30 | 8.40 | 0.15 | 19.468 | 0.130 | 0.331 | 0.006 |
| P500 | 499.50 | 3.30 | 8.40 | 0.15 | 19.665 | 0.130 | 0.331 | 0.006 |
| P590 | 589.50 | 3.97 | 8.40 | 0.15 | 23.209 | 0.156 | 0.331 | 0.006 |
| P600 | 599.50 | 4.03 | 8.40 | 0.15 | 23.602 | 0.159 | 0.331 | 0.006 |
| P610 | 609.50 | 4.09 | 8.40 | 0.15 | 23.996 | 0.161 | 0.331 | 0.006 |
| P620 | 619.50 | 4.15 | 8.40 | 0.15 | 24.390 | 0.163 | 0.331 | 0.006 |
| P625 | 624.50 | 4.18 | 8.40 | 0.15 | 24.587 | 0.165 | 0.331 | 0.006 |

O-Ring Standard Size (JIS B 2401)

| O-Ring Standard Size (JIS B 2401) | | | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
| | ID | ± | CS | ± | ID | ± | CS | ± |
| P635 | 634.50 | 4.25 | 8.40 | 0.15 | 24.980 | 0.167 | 0.331 | 0.006 |
| P650 | 649.50 | 4.34 | 8.40 | 0.15 | 25.571 | 0.171 | 0.331 | 0.006 |
| P680 | 679.50 | 4.52 | 8.40 | 0.15 | 26.752 | 0.178 | 0.331 | 0.006 |
| P690 | 689.50 | 4.59 | 8.40 | 0.15 | 27.146 | 0.181 | 0.331 | 0.006 |
| P700 | 699.50 | 4.65 | 8.40 | 0.15 | 27.539 | 0.183 | 0.331 | 0.006 |
| P710 | 709.50 | 4.71 | 8.40 | 0.15 | 27.933 | 0.185 | 0.331 | 0.006 |
| P720 | 719.50 | 4.77 | 8.40 | 0.15 | 28.327 | 0.188 | 0.331 | 0.006 |
| P730 | 729.50 | 4.83 | 8.40 | 0.15 | 28.720 | 0.190 | 0.331 | 0.006 |
| P740 | 739.50 | 4.89 | 8.40 | 0.15 | 29.114 | 0.193 | 0.331 | 0.006 |
| P750 | 749.50 | 4.95 | 8.40 | 0.15 | 29.508 | 0.195 | 0.331 | 0.006 |
| P760 | 759.50 | 5.02 | 8.40 | 0.15 | 29.902 | 0.197 | 0.331 | 0.006 |
| P770 | 769.50 | 5.08 | 8.40 | 0.15 | 30.295 | 0.200 | 0.331 | 0.006 |
| P780 | 779.50 | 5.14 | 8.40 | 0.15 | 30.689 | 0.202 | 0.331 | 0.006 |
| P790 | 789.50 | 5.20 | 8.40 | 0.15 | 31.083 | 0.205 | 0.331 | 0.006 |
| P800 | 799.50 | 5.26 | 8.40 | 0.15 | 31.476 | 0.207 | 0.331 | 0.006 |
| P810 | 809.50 | 5.32 | 8.40 | 0.15 | 31.870 | 0.210 | 0.331 | 0.006 |
| P820 | 819.50 | 5.38 | 8.40 | 0.15 | 32.264 | 0.212 | 0.331 | 0.006 |
| P830 | 829.50 | 5.44 | 8.40 | 0.15 | 32.657 | 0.214 | 0.331 | 0.006 |
| P840 | 839.50 | 5.51 | 8.40 | 0.15 | 33.051 | 0.217 | 0.331 | 0.006 |
| P850 | 849.50 | 5.57 | 8.40 | 0.15 | 33.445 | 0.219 | 0.331 | 0.006 |
| P860 | 859.50 | 5.63 | 8.40 | 0.15 | 33.839 | 0.222 | 0.331 | 0.006 |
| P870 | 869.50 | 5.69 | 8.40 | 0.15 | 34.232 | 0.224 | 0.331 | 0.006 |
| P880 | 879.50 | 5.75 | 8.40 | 0.15 | 34.626 | 0.226 | 0.331 | 0.006 |
| P890 | 889.50 | 5.81 | 8.40 | 0.15 | 35.020 | 0.229 | 0.331 | 0.006 |
| P900 | 899.50 | 5.87 | 8.40 | 0.15 | 35.413 | 0.231 | 0.331 | 0.006 |
| P910 | 909.50 | 5.93 | 8.40 | 0.15 | 35.807 | 0.234 | 0.331 | 0.006 |
| P915 | 914.50 | 5.96 | 8.40 | 0.15 | 36.004 | 0.235 | 0.331 | 0.006 |
| P920 | 919.50 | 5.99 | 8.40 | 0.15 | 36.201 | 0.236 | 0.331 | 0.006 |
| P930 | 929.50 | 6.05 | 8.40 | 0.15 | 36.594 | 0.238 | 0.331 | 0.006 |
| P940 | 939.50 | 6.11 | 8.40 | 0.15 | 36.988 | 0.241 | 0.331 | 0.006 |
| P950 | 949.50 | 6.18 | 8.40 | 0.15 | 37.382 | 0.243 | 0.331 | 0.006 |
| P960 | 959.50 | 6.24 | 8.40 | 0.15 | 37.776 | 0.246 | 0.331 | 0.006 |
| P970 | 969.50 | 6.30 | 8.40 | 0.15 | 38.169 | 0.248 | 0.331 | 0.006 |
| P980 | 979.50 | 6.36 | 8.40 | 0.15 | 38.563 | 0.250 | 0.331 | 0.006 |
| P990 | 989.50 | 6.42 | 8.40 | 0.15 | 38.957 | 0.253 | 0.331 | 0.006 |
| P1000 | 999.50 | 6.48 | 8.40 | 0.15 | 39.350 | 0.255 | 0.331 | 0.006 |

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| O-Ring Standard Size (JIS B 2401) | | | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
| | ID | ± | CS | ± | ID | ± | CS | ± |
| G20 | 19.4 | 0.22 | 3.10 | 0.10 | 0.764 | 0.009 | 0.122 | 0.004 |
| G25 | 24.40 | 0.25 | 3.10 | 0.10 | 0.961 | 0.010 | 0.122 | 0.004 |
| G30 | 29.40 | 0.29 | 3.10 | 0.10 | 1.157 | 0.011 | 0.122 | 0.004 |
| G35 | 34.40 | 0.33 | 3.10 | 0.10 | 1.354 | 0.013 | 0.122 | 0.004 |
| G40 | 39.40 | 0.37 | 3.10 | 0.10 | 1.551 | 0.015 | 0.122 | 0.004 |
| G45 | 44.40 | 0.41 | 3.10 | 0.10 | 1.748 | 0.016 | 0.122 | 0.004 |
| G50 | 49.40 | 0.45 | 3.10 | 0.10 | 1.945 | 0.018 | 0.122 | 0.004 |
| G55 | 54.40 | 0.49 | 3.10 | 0.10 | 2.142 | 0.019 | 0.122 | 0.004 |
| G58 | 57.40 | 0.51 | 3.10 | 0.10 | 2.260 | 0.020 | 0.122 | 0.004 |
| G60 | 59.40 | 0.53 | 3.10 | 0.10 | 2.339 | 0.021 | 0.122 | 0.004 |
| G65 | 64.40 | 0.57 | 3.10 | 0.10 | 2.535 | 0.022 | 0.122 | 0.004 |
| G70 | 69.40 | 0.61 | 3.10 | 0.10 | 2.732 | 0.024 | 0.122 | 0.004 |
| G75 | 74.40 | 0.65 | 3.10 | 0.10 | 2.929 | 0.026 | 0.122 | 0.004 |
| G80 | 79.40 | 0.69 | 3.10 | 0.10 | 3.126 | 0.027 | 0.122 | 0.004 |
| G85 | 84.40 | 0.73 | 3.10 | 0.10 | 3.323 | 0.029 | 0.122 | 0.004 |
| G90 | 89.40 | 0.77 | 3.10 | 0.10 | 3.520 | 0.030 | 0.122 | 0.004 |
| G95 | 94.40 | 0.81 | 3.10 | 0.10 | 3.717 | 0.032 | 0.122 | 0.004 |
| G100 | 99.40 | 0.85 | 3.10 | 0.10 | 3.913 | 0.033 | 0.122 | 0.004 |
| G105 | 104.40 | 0.87 | 3.10 | 0.10 | 4.110 | 0.034 | 0.122 | 0.004 |
| G110 | 109.40 | 0.91 | 3.10 | 0.10 | 4.307 | 0.036 | 0.122 | 0.004 |
| G115 | 114.40 | 0.94 | 3.10 | 0.10 | 4.504 | 0.037 | 0.122 | 0.004 |
| G120 | 119.40 | 0.98 | 3.10 | 0.10 | 4.701 | 0.039 | 0.122 | 0.004 |
| G125 | 124.40 | 1.01 | 3.10 | 0.10 | 4.898 | 0.040 | 0.122 | 0.004 |
| G130 | 129.40 | 1.05 | 3.10 | 0.10 | 5.094 | 0.041 | 0.122 | 0.004 |
| G135 | 134.40 | 1.08 | 3.10 | 0.10 | 5.291 | 0.043 | 0.122 | 0.004 |
| G140 | 139.40 | 1.12 | 3.10 | 0.10 | 5.488 | 0.044 | 0.122 | 0.004 |
| G145 | 144.40 | 1.16 | 3.10 | 0.10 | 5.685 | 0.046 | 0.122 | 0.004 |
| G150 | 149.30 | 1.19 | 5.70 | 0.13 | 5.878 | 0.047 | 0.224 | 0.005 |
| G155 | 154.30 | 1.23 | 5.70 | 0.13 | 6.075 | 0.048 | 0.224 | 0.005 |
| G160 | 159.30 | 1.26 | 5.70 | 0.13 | 6.272 | 0.050 | 0.224 | 0.005 |
| G165 | 164.30 | 1.30 | 5.70 | 0.13 | 6.468 | 0.051 | 0.224 | 0.005 |
| G170 | 169.30 | 1.33 | 5.70 | 0.13 | 6.665 | 0.052 | 0.224 | 0.005 |
| G175 | 174.30 | 1.37 | 5.70 | 0.13 | 6.862 | 0.054 | 0.224 | 0.005 |
| G180 | 179.30 | 1.40 | 5.70 | 0.13 | 7.059 | 0.055 | 0.224 | 0.005 |
| G185 | 184.30 | 1.44 | 5.70 | 0.13 | 7.256 | 0.057 | 0.224 | 0.005 |
| G190 | 189.30 | 1.47 | 5.70 | 0.13 | 7.453 | 0.058 | 0.224 | 0.005 |
| G195 | 194.30 | 1.51 | 5.70 | 0.13 | 7.650 | 0.059 | 0.224 | 0.005 |
| G200 | 199.30 | 1.55 | 5.70 | 0.13 | 7.846 | 0.061 | 0.224 | 0.005 |
| G205 | 204.30 | 1.58 | 5.70 | 0.13 | 8.043 | 0.062 | 0.224 | 0.005 |
| G210 | 209.30 | 1.61 | 5.70 | 0.13 | 8.240 | 0.063 | 0.224 | 0.005 |
| G215 | 214.30 | 1.65 | 5.70 | 0.13 | 8.437 | 0.065 | 0.224 | 0.005 |
| G220 | 219.30 | 1.68 | 5.70 | 0.13 | 8.634 | 0.066 | 0.224 | 0.005 |
| G225 | 224.30 | 1.71 | 5.70 | 0.13 | 8.831 | 0.067 | 0.224 | 0.005 |
| G230 | 229.30 | 1.73 | 5.70 | 0.13 | 9.028 | 0.068 | 0.224 | 0.005 |
| G235 | 234.30 | 1.78 | 5.70 | 0.13 | 9.224 | 0.070 | 0.224 | 0.005 |
| G240 | 239.30 | 1.81 | 5.70 | 0.13 | 9.421 | 0.071 | 0.224 | 0.005 |
| G245 | 244.30 | 1.85 | 5.70 | 0.13 | 9.618 | 0.073 | 0.224 | 0.005 |
| G250 | 249.30 | 1.88 | 5.70 | 0.13 | 9.815 | 0.074 | 0.224 | 0.005 |
| G255 | 254.30 | 1.91 | 5.70 | 0.13 | 10.012 | 0.075 | 0.224 | 0.005 |
| G260 | 259.30 | 1.94 | 5.70 | 0.13 | 10.209 | 0.076 | 0.224 | 0.005 |
| G265 | 264.30 | 1.98 | 5.70 | 0.13 | 10.405 | 0.078 | 0.224 | 0.005 |
| G270 | 269.30 | 2.01 | 5.70 | 0.13 | 10.602 | 0.079 | 0.224 | 0.005 |
| G275 | 274.30 | 2.04 | 5.70 | 0.13 | 10.799 | 0.080 | 0.224 | 0.005 |

O-Ring Standard
Size (JIS B 2401)

O-Ring Standard Size (JIS B 2401)

| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
|--------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| | ID | ± | CS | ± | ID | ± | CS | ± |
| G280 | 279.30 | 2.07 | 5.70 | 0.13 | 10.996 | 0.081 | 0.224 | 0.005 |
| G285 | 284.30 | 2.11 | 5.70 | 0.13 | 11.193 | 0.083 | 0.224 | 0.005 |
| G290 | 289.30 | 2.14 | 5.70 | 0.13 | 11.390 | 0.084 | 0.224 | 0.005 |
| G295 | 294.30 | 2.17 | 5.70 | 0.13 | 11.587 | 0.085 | 0.224 | 0.005 |
| G300 | 299.30 | 2.20 | 5.70 | 0.13 | 11.783 | 0.087 | 0.224 | 0.005 |
| G305 | 304.30 | 2.24 | 5.70 | 0.13 | 11.980 | 0.088 | 0.224 | 0.005 |
| G310 | 309.30 | 2.27 | 5.70 | 0.13 | 12.177 | 0.089 | 0.224 | 0.005 |
| G315 | 314.30 | 2.30 | 5.70 | 0.13 | 12.374 | 0.091 | 0.224 | 0.005 |
| G320 | 319.30 | 2.33 | 5.70 | 0.13 | 12.571 | 0.092 | 0.224 | 0.005 |
| G325 | 324.30 | 2.36 | 5.70 | 0.13 | 12.768 | 0.093 | 0.224 | 0.005 |
| G330 | 329.30 | 2.39 | 5.70 | 0.13 | 12.965 | 0.094 | 0.224 | 0.005 |
| G335 | 334.30 | 2.42 | 5.70 | 0.13 | 13.161 | 0.095 | 0.224 | 0.005 |
| G340 | 339.30 | 2.45 | 5.70 | 0.13 | 13.358 | 0.096 | 0.224 | 0.005 |
| G345 | 344.30 | 2.48 | 5.70 | 0.13 | 13.555 | 0.098 | 0.224 | 0.005 |
| G350 | 349.30 | 2.51 | 5.70 | 0.13 | 13.752 | 0.099 | 0.224 | 0.005 |
| G355 | 354.30 | 2.54 | 5.70 | 0.13 | 13.949 | 0.100 | 0.224 | 0.005 |
| G360 | 359.30 | 2.57 | 5.70 | 0.13 | 14.146 | 0.101 | 0.224 | 0.005 |
| G365 | 364.30 | 2.60 | 5.70 | 0.13 | 14.342 | 0.102 | 0.224 | 0.005 |
| G370 | 369.30 | 2.63 | 5.70 | 0.13 | 14.539 | 0.104 | 0.224 | 0.005 |
| G375 | 374.30 | 2.67 | 5.70 | 0.13 | 14.736 | 0.105 | 0.224 | 0.005 |
| G380 | 379.30 | 2.70 | 5.70 | 0.13 | 14.933 | 0.106 | 0.224 | 0.005 |
| G385 | 384.30 | 2.73 | 5.70 | 0.13 | 15.130 | 0.107 | 0.224 | 0.005 |
| G390 | 389.30 | 2.77 | 5.70 | 0.13 | 15.327 | 0.109 | 0.224 | 0.005 |
| G395 | 394.30 | 2.79 | 5.70 | 0.13 | 15.524 | 0.110 | 0.224 | 0.005 |
| G400 | 399.30 | 2.82 | 5.70 | 0.13 | 15.720 | 0.111 | 0.224 | 0.005 |
| G405 | 404.30 | 3.00 | 5.70 | 0.13 | 15.917 | 0.118 | 0.224 | 0.005 |
| G410 | 409.30 | 3.00 | 5.70 | 0.13 | 16.114 | 0.118 | 0.224 | 0.005 |
| G415 | 414.30 | 3.00 | 5.70 | 0.13 | 16.311 | 0.118 | 0.224 | 0.005 |
| G420 | 419.30 | 3.00 | 5.70 | 0.13 | 16.508 | 0.118 | 0.224 | 0.005 |
| G425 | 424.30 | 3.00 | 5.70 | 0.13 | 16.705 | 0.118 | 0.224 | 0.005 |
| G430 | 429.30 | 3.00 | 5.70 | 0.13 | 16.902 | 0.118 | 0.224 | 0.005 |
| G435 | 434.30 | 3.00 | 5.70 | 0.13 | 17.098 | 0.118 | 0.224 | 0.005 |
| G440 | 439.30 | 3.00 | 5.70 | 0.13 | 17.295 | 0.118 | 0.224 | 0.005 |
| G445 | 444.30 | 3.00 | 5.70 | 0.13 | 17.492 | 0.118 | 0.224 | 0.005 |
| G450 | 449.30 | 3.00 | 5.70 | 0.13 | 17.689 | 0.118 | 0.224 | 0.005 |
| G455 | 454.30 | 3.30 | 5.70 | 0.13 | 17.886 | 0.130 | 0.224 | 0.005 |
| G460 | 459.30 | 3.30 | 5.70 | 0.13 | 18.083 | 0.130 | 0.224 | 0.005 |
| G465 | 464.30 | 3.30 | 5.70 | 0.13 | 18.279 | 0.130 | 0.224 | 0.005 |
| G470 | 469.30 | 3.30 | 5.70 | 0.13 | 18.476 | 0.130 | 0.224 | 0.005 |
| G475 | 474.30 | 3.30 | 5.70 | 0.13 | 18.673 | 0.130 | 0.224 | 0.005 |
| G480 | 479.30 | 3.30 | 5.70 | 0.13 | 18.870 | 0.130 | 0.224 | 0.005 |
| G485 | 484.30 | 3.30 | 5.70 | 0.13 | 19.067 | 0.130 | 0.224 | 0.005 |
| G490 | 489.30 | 3.30 | 5.70 | 0.13 | 19.264 | 0.130 | 0.224 | 0.005 |
| G495 | 494.30 | 3.30 | 5.70 | 0.13 | 19.461 | 0.130 | 0.224 | 0.005 |
| G500 | 499.30 | 3.30 | 5.70 | 0.13 | 19.657 | 0.130 | 0.224 | 0.005 |
| G510 | 509.30 | 3.47 | 5.70 | 0.13 | 20.051 | 0.136 | 0.224 | 0.005 |
| G520 | 519.30 | 3.53 | 5.70 | 0.13 | 20.445 | 0.139 | 0.224 | 0.005 |
| G525 | 524.30 | 3.56 | 5.70 | 0.13 | 20.642 | 0.140 | 0.224 | 0.005 |
| G530 | 529.30 | 3.59 | 5.70 | 0.13 | 20.839 | 0.141 | 0.224 | 0.005 |
| G540 | 539.30 | 3.65 | 5.70 | 0.13 | 21.232 | 0.144 | 0.224 | 0.005 |
| G550 | 549.30 | 3.72 | 5.70 | 0.13 | 21.626 | 0.146 | 0.224 | 0.005 |
| G555 | 554.30 | 3.75 | 5.70 | 0.13 | 21.823 | 0.148 | 0.224 | 0.005 |

O-Ring Standard Size (JIS B 2401)

| O-Ring Standard Size (JIS B 2401) | | | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
| | ID | ± | CS | ± | ID | ± | CS | ± |
| G560 | 559.30 | 3.78 | 5.70 | 0.13 | 22.020 | 0.149 | 0.224 | 0.005 |
| G570 | 569.30 | 3.84 | 5.70 | 0.13 | 22.413 | 0.151 | 0.224 | 0.005 |
| G580 | 579.30 | 3.90 | 5.70 | 0.13 | 22.807 | 0.154 | 0.224 | 0.005 |
| G585 | 584.30 | 3.93 | 5.70 | 0.13 | 23.004 | 0.155 | 0.224 | 0.005 |
| G590 | 589.30 | 3.97 | 5.70 | 0.13 | 23.201 | 0.156 | 0.224 | 0.005 |
| G600 | 599.30 | 4.03 | 5.70 | 0.13 | 23.594 | 0.159 | 0.224 | 0.005 |
| G605 | 604.30 | 4.06 | 5.70 | 0.13 | 23.791 | 0.160 | 0.224 | 0.005 |
| G615 | 614.3 | 4.12 | 5.70 | 0.13 | 24.185 | 0.162 | 0.224 | 0.005 |
| G620 | 619.3 | 4.15 | 5.70 | 0.13 | 24.382 | 0.163 | 0.224 | 0.005 |
| G630 | 629.3 | 4.21 | 5.70 | 0.13 | 24.776 | 0.166 | 0.224 | 0.005 |
| G860 | 859.30 | 5.63 | 5.70 | 0.13 | 33.831 | 0.222 | 0.224 | 0.005 |
| G910 | 909.30 | 5.93 | 5.70 | 0.13 | 35.799 | 0.234 | 0.224 | 0.005 |

O-Ring Standard Size (JIS B 2401)

| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
|--------------------|--------------------------------|------|-------|------|---------------------------|-------|-------|-------|
| | ID | ± | CS | ± | ID | ± | CS | ± |
| V10 | 9.50 | 0.17 | 4.00 | 0.10 | 0.374 | 0.007 | 0.157 | 0.004 |
| V15 | 14.50 | 0.20 | 4.00 | 0.10 | 0.571 | 0.008 | 0.157 | 0.004 |
| V24 | 23.50 | 0.24 | 4.00 | 0.10 | 0.925 | 0.009 | 0.157 | 0.004 |
| V34 | 33.50 | 0.33 | 4.00 | 0.10 | 1.319 | 0.013 | 0.157 | 0.004 |
| V40 | 39.50 | 0.37 | 4.00 | 0.10 | 1.555 | 0.015 | 0.157 | 0.004 |
| V55 | 54.50 | 0.49 | 4.00 | 0.10 | 2.146 | 0.019 | 0.157 | 0.004 |
| V58 | 57.50 | 0.52 | 4.00 | 0.10 | 2.264 | 0.020 | 0.157 | 0.004 |
| V70 | 69.00 | 0.61 | 4.00 | 0.10 | 2.717 | 0.024 | 0.157 | 0.004 |
| V85 | 84.00 | 0.72 | 4.00 | 0.10 | 3.307 | 0.028 | 0.157 | 0.004 |
| V100 | 99.00 | 0.83 | 4.00 | 0.10 | 3.898 | 0.033 | 0.157 | 0.004 |
| V120 | 119.00 | 0.97 | 4.00 | 0.10 | 4.685 | 0.038 | 0.157 | 0.004 |
| V140 | 138.50 | 1.08 | 4.00 | 0.10 | 5.453 | 0.043 | 0.157 | 0.004 |
| V150 | 148.50 | 1.18 | 4.00 | 0.10 | 5.846 | 0.046 | 0.157 | 0.004 |
| V175 | 173.00 | 1.36 | 4.00 | 0.10 | 6.811 | 0.054 | 0.157 | 0.004 |
| V225 | 222.50 | 1.70 | 6.00 | 0.15 | 8.760 | 0.067 | 0.236 | 0.006 |
| V275 | 272.00 | 2.02 | 6.00 | 0.15 | 10.709 | 0.080 | 0.236 | 0.006 |
| V315 | 312.00 | 2.22 | 6.00 | 0.15 | 12.283 | 0.087 | 0.236 | 0.006 |
| V325 | 321.50 | 2.34 | 6.00 | 0.15 | 12.657 | 0.092 | 0.236 | 0.006 |
| V380 | 376.00 | 2.68 | 6.00 | 0.15 | 14.803 | 0.106 | 0.236 | 0.006 |
| V430 | 425.50 | 2.99 | 6.00 | 0.15 | 16.752 | 0.118 | 0.236 | 0.006 |
| V475 | 470.50 | 3.22 | 6.00 | 0.15 | 18.524 | 0.127 | 0.236 | 0.006 |
| V480 | 475.00 | 3.30 | 10.00 | 0.30 | 18.701 | 0.130 | 0.394 | 0.012 |
| V490 | 485.00 | 3.31 | 10.00 | 0.30 | 19.094 | 0.130 | 0.394 | 0.012 |
| V510 | 504.50 | 3.44 | 10.00 | 0.30 | 19.862 | 0.135 | 0.394 | 0.012 |
| V530 | 524.50 | 3.60 | 10.00 | 0.30 | 20.650 | 0.142 | 0.394 | 0.012 |
| V585 | 579.00 | 3.92 | 10.00 | 0.30 | 22.795 | 0.154 | 0.394 | 0.012 |
| V640 | 633.50 | 4.24 | 10.00 | 0.30 | 24.941 | 0.167 | 0.394 | 0.012 |
| V690 | 683.00 | 4.54 | 10.00 | 0.30 | 26.890 | 0.179 | 0.394 | 0.012 |
| V740 | 732.50 | 4.83 | 10.00 | 0.30 | 28.839 | 0.190 | 0.394 | 0.012 |
| V790 | 782.00 | 5.12 | 10.00 | 0.30 | 30.787 | 0.202 | 0.394 | 0.012 |
| V950 | 940.50 | 6.06 | 10.00 | 0.30 | 37.027 | 0.239 | 0.394 | 0.012 |
| V1055 | 1044.0 | 6.67 | 10.00 | 0.30 | 41.102 | 0.263 | 0.394 | 0.012 |

TABLE OF DIMENSIONS OF O-RINGS FOR STATIC SEALING

★ NBR tolerance per GMORS compound no. N7034AA.

★ For other NBR compounds, tolerance needs to be negotiated or new tool will be charged.

| O-Ring Standard Size (JIS B 2401) | | | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
| | ID | ± | CS | ± | ID | ± | CS | ± |
| S3 | 2.50 | 0.13 | 1.50 | 0.08 | 0.098 | 0.005 | 0.059 | 0.003 |
| S4 | 3.50 | 0.14 | 1.50 | 0.08 | 0.138 | 0.006 | 0.059 | 0.003 |
| S5 | 4.50 | 0.14 | 1.50 | 0.08 | 0.177 | 0.006 | 0.059 | 0.003 |
| S6 | 5.50 | 0.15 | 1.50 | 0.08 | 0.217 | 0.006 | 0.059 | 0.003 |
| S7 | 6.50 | 0.15 | 1.50 | 0.08 | 0.256 | 0.006 | 0.059 | 0.003 |
| S8 | 7.50 | 0.16 | 1.50 | 0.08 | 0.295 | 0.006 | 0.059 | 0.003 |
| S9 | 8.50 | 0.16 | 1.50 | 0.08 | 0.335 | 0.006 | 0.059 | 0.003 |
| S10 | 9.50 | 0.17 | 1.50 | 0.08 | 0.374 | 0.007 | 0.059 | 0.003 |
| S11.2 | 10.70 | 0.18 | 1.50 | 0.08 | 0.421 | 0.007 | 0.059 | 0.003 |
| S12 | 11.50 | 0.18 | 1.50 | 0.08 | 0.453 | 0.007 | 0.059 | 0.003 |
| S12.5 | 12.00 | 0.19 | 1.50 | 0.08 | 0.472 | 0.007 | 0.059 | 0.003 |
| S14 | 13.50 | 0.19 | 1.50 | 0.08 | 0.531 | 0.007 | 0.059 | 0.003 |
| S15 | 14.50 | 0.19 | 1.50 | 0.08 | 0.571 | 0.007 | 0.059 | 0.003 |
| S16 | 15.50 | 0.20 | 1.50 | 0.08 | 0.610 | 0.008 | 0.059 | 0.003 |
| S18 | 17.50 | 0.21 | 1.50 | 0.08 | 0.689 | 0.008 | 0.059 | 0.003 |
| S20 | 19.50 | 0.22 | 1.50 | 0.08 | 0.768 | 0.009 | 0.059 | 0.003 |
| S22 | 21.50 | 0.23 | 1.50 | 0.08 | 0.846 | 0.009 | 0.059 | 0.003 |
| S22.4 | 21.90 | 0.23 | 2.00 | 0.08 | 0.862 | 0.009 | 0.079 | 0.003 |
| S24 | 23.50 | 0.24 | 2.00 | 0.08 | 0.925 | 0.009 | 0.079 | 0.003 |
| S25 | 24.50 | 0.24 | 2.00 | 0.08 | 0.965 | 0.009 | 0.079 | 0.003 |
| S26 | 25.50 | 0.25 | 2.00 | 0.08 | 1.004 | 0.010 | 0.079 | 0.003 |
| S28 | 27.50 | 0.26 | 2.00 | 0.08 | 1.083 | 0.010 | 0.079 | 0.003 |
| S29 | 28.50 | 0.28 | 2.00 | 0.08 | 1.122 | 0.011 | 0.079 | 0.003 |
| S30 | 29.50 | 0.28 | 2.00 | 0.08 | 1.161 | 0.011 | 0.079 | 0.003 |
| S31.5 | 31.00 | 0.29 | 2.00 | 0.08 | 1.220 | 0.011 | 0.079 | 0.003 |
| S32 | 31.50 | 0.31 | 2.00 | 0.08 | 1.240 | 0.012 | 0.079 | 0.003 |
| S34 | 33.50 | 0.32 | 2.00 | 0.08 | 1.319 | 0.013 | 0.079 | 0.003 |
| S35 | 34.50 | 0.33 | 2.00 | 0.08 | 1.358 | 0.013 | 0.079 | 0.003 |
| S35.5 | 35.00 | 0.33 | 2.00 | 0.08 | 1.378 | 0.013 | 0.079 | 0.003 |
| S36 | 35.50 | 0.34 | 2.00 | 0.08 | 1.398 | 0.013 | 0.079 | 0.003 |
| S38 | 37.50 | 0.36 | 2.00 | 0.08 | 1.476 | 0.014 | 0.079 | 0.003 |
| S39 | 38.50 | 0.36 | 2.00 | 0.08 | 1.516 | 0.014 | 0.079 | 0.003 |
| S40 | 39.50 | 0.38 | 2.00 | 0.08 | 1.555 | 0.015 | 0.079 | 0.003 |
| S42 | 41.50 | 0.39 | 2.00 | 0.08 | 1.634 | 0.015 | 0.079 | 0.003 |
| S44 | 43.50 | 0.40 | 2.00 | 0.08 | 1.713 | 0.016 | 0.079 | 0.003 |
| S45 | 44.50 | 0.41 | 2.00 | 0.08 | 1.752 | 0.016 | 0.079 | 0.003 |
| S46 | 45.50 | 0.42 | 2.00 | 0.08 | 1.791 | 0.017 | 0.079 | 0.003 |
| S48 | 47.50 | 0.44 | 2.00 | 0.08 | 1.870 | 0.017 | 0.079 | 0.003 |
| S50 | 49.50 | 0.45 | 2.00 | 0.08 | 1.949 | 0.018 | 0.079 | 0.003 |
| S53 | 52.50 | 0.47 | 2.00 | 0.08 | 2.067 | 0.019 | 0.079 | 0.003 |
| S55 | 54.50 | 0.50 | 2.00 | 0.08 | 2.146 | 0.020 | 0.079 | 0.003 |
| S56 | 55.50 | 0.50 | 2.00 | 0.08 | 2.185 | 0.020 | 0.079 | 0.003 |
| S60 | 59.50 | 0.52 | 2.00 | 0.08 | 2.343 | 0.020 | 0.079 | 0.003 |
| S63 | 62.50 | 0.55 | 2.00 | 0.08 | 2.461 | 0.022 | 0.079 | 0.003 |
| S65 | 64.50 | 0.56 | 2.00 | 0.08 | 2.539 | 0.022 | 0.079 | 0.003 |
| S67 | 66.50 | 0.58 | 2.00 | 0.08 | 2.618 | 0.023 | 0.079 | 0.003 |
| S70 | 69.50 | 0.61 | 2.00 | 0.08 | 2.736 | 0.024 | 0.079 | 0.003 |

O-Ring Standard Size (JIS B 2401)

| O-Ring Standard Size (JIS B 2401) | | | | | | | | |
|-----------------------------------|--------------------------------|------|------|------|---------------------------|-------|-------|-------|
| JIS B 2401 SIZE | MEASUREMENTS IN MILLIMETERS | | | | MEASUREMENTS IN INCHES | | | |
| | ID | ± | CS | ± | ID | ± | CS | ± |
| S71 | 70.50 | 0.61 | 2.00 | 0.08 | 2.776 | 0.024 | 0.079 | 0.003 |
| S75 | 74.50 | 0.64 | 2.00 | 0.08 | 2.933 | 0.025 | 0.079 | 0.003 |
| S80 | 79.50 | 0.67 | 2.00 | 0.08 | 3.130 | 0.026 | 0.079 | 0.003 |
| S85 | 84.50 | 0.71 | 2.00 | 0.08 | 3.327 | 0.028 | 0.079 | 0.003 |
| S90 | 89.50 | 0.75 | 2.00 | 0.08 | 3.524 | 0.030 | 0.079 | 0.003 |
| S95 | 94.50 | 0.79 | 2.00 | 0.08 | 3.720 | 0.031 | 0.079 | 0.003 |
| S100 | 99.50 | 0.83 | 2.00 | 0.08 | 3.917 | 0.033 | 0.079 | 0.003 |
| S105 | 104.50 | 0.87 | 2.00 | 0.08 | 4.114 | 0.034 | 0.079 | 0.003 |
| S110 | 109.50 | 0.91 | 2.00 | 0.08 | 4.311 | 0.036 | 0.079 | 0.003 |
| S112 | 111.50 | 0.91 | 2.00 | 0.08 | 4.390 | 0.036 | 0.079 | 0.003 |
| S115 | 114.50 | 0.93 | 2.00 | 0.08 | 4.508 | 0.037 | 0.079 | 0.003 |
| S120 | 119.50 | 0.97 | 2.00 | 0.08 | 4.705 | 0.038 | 0.079 | 0.003 |
| S125 | 124.50 | 1.00 | 2.00 | 0.08 | 4.902 | 0.039 | 0.079 | 0.003 |
| S130 | 129.50 | 1.05 | 2.00 | 0.08 | 5.098 | 0.041 | 0.079 | 0.003 |
| S132 | 131.50 | 1.05 | 2.00 | 0.08 | 5.177 | 0.041 | 0.079 | 0.003 |
| S135 | 134.50 | 1.08 | 2.00 | 0.08 | 5.295 | 0.043 | 0.079 | 0.003 |
| S140 | 139.50 | 1.10 | 2.00 | 0.08 | 5.492 | 0.043 | 0.079 | 0.003 |
| S145 | 144.50 | 1.13 | 2.00 | 0.08 | 5.689 | 0.044 | 0.079 | 0.003 |
| S150 | 149.50 | 1.17 | 2.00 | 0.08 | 5.886 | 0.046 | 0.079 | 0.003 |