



## 14. A. Standard O-ring Sizes

Standard O-ring Sizes (000 Series 004 to 050 cross section Diameters  $w = .070 \pm .003$  inches,  $w = 1,78 \pm 0,08$  mm)

| Size Only<br>AS 568A<br>Uniform<br>Dash No. | Nominal Size<br>(Inches) |         |      | Standard O-ring Size<br>(Inches) |              |      | Metric O-ring Size<br>(millimeters) |             |      |
|---|--------------------------|---------|------|----------------------------------|--------------|------|-------------------------------------|-------------|------|
|   | I.D.                     | O.D.    | W.   | Actual                           | Per AS 568 A | W    | Actual                              | Per AS 568A | W    |
| -001*                                       | 1/32                     | 3/32    | 1/32 | .029                             | .004         | .040 | 0,74                                | 0,10        | 1,02 |
| -002*                                       | 3/64                     | 9/64    | 3/64 | .042                             | .004         | .050 | 1,07                                | 0,10        | 1,27 |
| -003*                                       | 1/16                     | 3/16    | 1/16 | .056                             | .004         | .060 | 1,42                                | 0,10        | 1,52 |
| -004  | 5/64                     | 13/64   | 1/16 | .070                             | .005         | .070 | 1,78                                | 0,13        | 1,78 |
| -005  | 3/32                     | 7/32    | 1/16 | .101                             | .005         | .070 | 2,57                                | 0,13        | 1,78 |
| -006  | 1/8                      | 1/4     | 1/16 | .114                             | .005         | .070 | 2,90                                | 0,13        | 1,78 |
| -007  | 5/32                     | 9/32    | 1/16 | .145                             | .005         | .070 | 3,68                                | 0,13        | 1,78 |
| -008  | 3/16                     | 5/16    | 1/16 | .176                             | .005         | .070 | 4,47                                | 0,13        | 1,78 |
| -009  | 7/32                     | 11/32   | 1/16 | .208                             | .005         | .070 | 5,28                                | 0,13        | 1,78 |
| -010  | 1/4                      | 3/8     | 1/16 | .239                             | .005         | .070 | 6,07                                | 0,13        | 1,78 |
| -011  | 5/16                     | 7/16    | 1/16 | .301                             | .005         | .070 | 7,65                                | 0,13        | 1,78 |
| -012  | 3/8                      | 1/2     | 1/16 | .364                             | .005         | .070 | 9,25                                | 0,13        | 1,78 |
| -013  | 7/16                     | 9/16    | 1/16 | .426                             | .005         | .070 | 10,82                               | 0,13        | 1,78 |
| -014  | 1/2                      | 5/8     | 1/16 | .489                             | .005         | .070 | 12,42                               | 0,13        | 1,78 |
| -015  | 9/16                     | 11/16   | 1/16 | .551                             | .007         | .070 | 14,00                               | 0,18        | 1,78 |
| -016  | 5/8                      | 3/4     | 1/16 | .614                             | .009         | .070 | 15,60                               | 0,23        | 1,78 |
| -017  | 11/16                    | 13/16   | 1/16 | .676                             | .009         | .070 | 17,17                               | 0,23        | 1,78 |
| -018  | 3/4                      | 7/8     | 1/16 | .739                             | .009         | .070 | 18,77                               | 0,23        | 1,78 |
| -019  | 13/16                    | 15/16   | 1/16 | .801                             | .009         | .070 | 20,35                               | 0,23        | 1,78 |
| -020  | 7/8                      | 1       | 1/16 | .864                             | .009         | .070 | 21,95                               | 0,23        | 1,78 |
| -021  | 15/16                    | 1- 1/16 | 1/16 | .926                             | .009         | .070 | 23,52                               | 0,23        | 1,78 |
| -022  | 1                        | 1/8     | 1/16 | .989                             | .010         | .070 | 25,12                               | 0,25        | 1,78 |
| -023  | 1- 1/16                  | 1- 3/16 | 1/16 | 1.051                            | .010         | .070 | 26,70                               | 0,25        | 1,78 |
| -024  | 1- 1/8                   | 1- 1/4  | 1/16 | 1.114                            | .010         | .070 | 28,30                               | 0,25        | 1,78 |
| -025  | 1- 3/16                  | 1- 5/16 | 1/16 | 1.176                            | .011         | .070 | 29,87                               | 0,28        | 1,78 |
| -026  | 1- 1/4                   | 1- 3/8  | 1/16 | 1.239                            | .011         | .070 | 31,47                               | 0,28        | 1,78 |
| -027  | 1- 5/16                  | 1- 7/16 | 1/16 | 1.301                            | .011         | .070 | 33,05                               | 0,28        | 1,78 |
| -028  | 1- 3/8                   | 1- 1/2  | 1/16 | 1.364                            | .013         | .070 | 34,65                               | 0,33        | 1,78 |
| -029  | 1- 1/2                   | 1- 5/8  | 1/16 | 1.489                            | .013         | .070 | 37,82                               | 0,33        | 1,78 |
| -030  | 1- 5/8                   | 1- 3/4  | 1/16 | 1.614                            | .013         | .070 | 41,00                               | 0,33        | 1,78 |
| -031  | 1- 3/4                   | 1- 7/8  | 1/16 | 1.739                            | .015         | .070 | 44,17                               | 0,38        | 1,78 |
| -032  | 1- 7/8                   | 2       | 1/16 | 1.864                            | .015         | .070 | 47,35                               | 0,38        | 1,78 |
| -033  | 2                        | 2- 1/8  | 1/16 | 1.989                            | .018         | .070 | 50,52                               | 0,46        | 1,78 |
| -034  | 2- 1/8                   | 2- 1/4  | 1/16 | 2.114                            | .018         | .070 | 53,70                               | 0,46        | 1,78 |
| -035  | 2- 1/4                   | 2- 3/8  | 1/16 | 2.239                            | .018         | .070 | 56,87                               | 0,46        | 1,78 |
| -036  | 2- 3/8                   | 2- 1/2  | 1/16 | 2.364                            | .018         | .070 | 60,05                               | 0,46        | 1,78 |
| -037  | 2- 1/2                   | 2- 5/8  | 1/16 | 2.489                            | .018         | .070 | 63,22                               | 0,46        | 1,78 |
| -038  | 2- 5/8                   | 2- 3/4  | 1/16 | 2.614                            | .020         | .070 | 66,40                               | 0,51        | 1,78 |
| -039  | 2- 3/4                   | 2- 7/8  | 1/16 | 2.739                            | .020         | .070 | 69,57                               | 0,51        | 1,78 |
| -040  | 2- 7/8                   | 3       | 1/16 | 2.864                            | .020         | .070 | 72,75                               | 0,51        | 1,78 |
| -041  | 3                        | 3- 1/8  | 1/16 | 2.989                            | .024         | .070 | 75,92                               | 0,61        | 1,78 |
| -042  | 3- 1/4                   | 3- 3/8  | 1/16 | 3.239                            | .024         | .070 | 82,27                               | 0,61        | 1,78 |
| -043  | 3- 1/2                   | 3- 5/8  | 1/16 | 3.489                            | .024         | .070 | 88,62                               | 0,61        | 1,78 |
| -044  | 3- 3/4                   | 3- 7/8  | 1/16 | 3.739                            | .027         | .070 | 94,97                               | 0,69        | 1,78 |
| -045  | 4                        | 4- 1/8  | 1/16 | 3.989                            | .027         | .070 | 101,32                              | 0,69        | 1,78 |
| -046  | 4- 1/4                   | 4- 3/8  | 1/16 | 4.239                            | .030         | .070 | 107,67                              | 0,76        | 1,78 |
| -047  | 4- 1/2                   | 4- 5/8  | 1/16 | 4.489                            | .030         | .070 | 114,02                              | 0,76        | 1,78 |
| -048  | 4- 3/4                   | 4- 7/8  | 1/16 | 4.739                            | .030         | .070 | 120,37                              | 0,76        | 1,78 |
| -049  | 5                        | 5- 1/8  | 1/16 | 4.989                            | .037         | .070 | 126,72                              | 0,94        | 1,78 |
| -050  | 5- 1/4                   | 5- 3/8  | 1/16 | 5.239                            | .037         | .070 | 133,07                              | 0,94        | 1,78 |

(\*) cross section: 001  $w = .040 \pm .003$  inches.  $w = 1.02 \pm 0,08$  mm

002  $w = .050 \pm .003$  inches.  $w = 1.27 \pm 0,08$  mm

003  $w = .060 \pm .003$  inches.  $w = 1.52 \pm 0,08$  mm





## 14. A. Standard O-ring Sizes

**Standard O-ring Sizes (100 Series 102 to 178 cross section Diameters  $w = .103 \pm .003$  inches,  $w = 2,62 \pm 0,08$  mm)**

| Size Only              | Nominal Size (Inches) |             |           | Standard O-ring Size (Inches) |                     |          | Metric O-ring Size (millimeters) |                    |          |
|------------------------|-----------------------|-------------|-----------|-------------------------------|---------------------|----------|----------------------------------|--------------------|----------|
|                        | I.D.                  | O.D.        | W.        | I.D.                          | Tol. +/-            | W        | I.D.                             | Tol. +/-           | W        |
| <b>AS 568A Uniform</b> |                       |             |           | <b>Actual</b>                 | <b>Per AS 568 A</b> |          | <b>Actual</b>                    | <b>Per AS 568A</b> |          |
| <b>Dash No.</b>        | <b>I.D.</b>           | <b>O.D.</b> | <b>W.</b> | <b>I.D.</b>                   | <b>Tol. +/-</b>     | <b>W</b> | <b>I.D.</b>                      | <b>Tol. +/-</b>    | <b>W</b> |
| -102                   | 1/16                  | 1/4         | 3/32      | .049                          | .005                | .103     | 1,24                             | 0,13               | 2,62     |
| -103                   | 3/32                  | 9/32        | 3/32      | .081                          | .005                | .103     | 2,06                             | 0,13               | 2,62     |
| -104                   | 1/8                   | 5/16        | 3/32      | .112                          | .005                | .103     | 2,84                             | 0,13               | 2,62     |
| -105                   | 5/32                  | 11/32       | 3/32      | .143                          | .005                | .103     | 3,63                             | 0,13               | 2,62     |
| -106                   | 3/16                  | 3/8         | 3/32      | .174                          | .005                | .103     | 4,42                             | 0,13               | 2,62     |
| -107                   | 7/32                  | 13/32       | 3/32      | .206                          | .005                | .103     | 5,23                             | 0,13               | 2,62     |
| -108                   | 1/4                   | 7/16        | 3/32      | .237                          | .005                | .103     | 6,02                             | 0,13               | 2,62     |
| -109                   | 5/16                  | 1/2         | 3/32      | .299                          | .005                | .103     | 7,59                             | 0,13               | 2,62     |
| -110                   | 3/8                   | 9/16        | 3/32      | .362                          | .005                | .103     | 9,19                             | 0,13               | 2,62     |
| -111                   | 7/16                  | 5/8         | 3/32      | .424                          | .005                | .103     | 10,77                            | 0,13               | 2,62     |
| -112                   | 1/2                   | 11/16       | 3/32      | .487                          | .005                | .103     | 12,37                            | 0,13               | 2,62     |
| -113                   | 9/16                  | 3/4         | 3/32      | .549                          | .007                | .103     | 13,94                            | 0,18               | 2,62     |
| -114                   | 5/8                   | 13/16       | 3/32      | .612                          | .009                | .103     | 15,54                            | 0,23               | 2,62     |
| -115                   | 11/16                 | 7/8         | 3/32      | .674                          | .009                | .103     | 17,12                            | 0,23               | 2,62     |
| -116                   | 3/4                   | 15/16       | 3/32      | .737                          | .009                | .103     | 18,72                            | 0,23               | 2,62     |
| -117                   | 13/16                 | 1           | 3/32      | .799                          | .010                | .103     | 20,30                            | 0,25               | 2,62     |
| -118                   | 7/8                   | 1- 1/16     | 3/32      | .862                          | .010                | .103     | 21,89                            | 0,25               | 2,62     |
| -119                   | 15/16                 | 1- 1/8      | 3/32      | .924                          | .010                | .103     | 23,47                            | 0,25               | 2,62     |
| .120                   | 1                     | 1- 3/16     | 3/32      | .987                          | .010                | .103     | 25,07                            | 0,25               | 2,62     |
| -121                   | 1- 1/16               | 1- 1/4      | 3/32      | 1.049                         | .010                | .103     | 26,64                            | 0,25               | 2,62     |
| -122                   | 1- 1/8                | 1- 5/16     | 3/32      | 1.112                         | .010                | .103     | 28,24                            | 0,25               | 2,62     |
| -123                   | 1- 3/16               | 1- 3/8      | 3/32      | 1.174                         | .012                | .103     | 29,82                            | 0,30               | 2,62     |
| -124                   | 1- 1/4                | 1- 7/16     | 3/32      | 1.237                         | .012                | .103     | 31,42                            | 0,30               | 2,62     |
| -125                   | 1- 5/16               | 1- 1/2      | 3/32      | 1.299                         | .012                | .103     | 32,99                            | 0,30               | 2,62     |
| -126                   | 1- 3/8                | 1- 9/16     | 3/32      | 1.362                         | .012                | .103     | 34,59                            | 0,30               | 2,62     |
| -127                   | 1- 7/16               | 1- 5/8      | 3/32      | 1.424                         | .012                | .103     | 36,17                            | 0,30               | 2,62     |
| -128                   | 1- 1/2                | 1- 11/16    | 3/32      | 1.487                         | .012                | .103     | 37,77                            | 0,30               | 2,62     |
| -129                   | 1- 9/16               | 1- 3/4      | 3/32      | 1.549                         | .015                | .103     | 39,34                            | 0,38               | 2,62     |
| -130                   | 1- 5/8                | 1- 13/16    | 3/32      | 1.612                         | .015                | .103     | 40,94                            | 0,38               | 2,62     |
| -131                   | 1- 11/16              | 1- 7/8      | 3/32      | 1.674                         | .015                | .103     | 42,52                            | 0,38               | 2,62     |
| -132                   | 1- 3/4                | 1- 15/16    | 3/32      | 1.737                         | .015                | .103     | 44,12                            | 0,38               | 2,62     |
| -133                   | 1- 13/16              | 2           | 3/32      | 1.799                         | .015                | .103     | 45,69                            | 0,38               | 2,62     |
| -134                   | 1- 7/8                | 2- 1/16     | 3/32      | 1.862                         | .015                | .103     | 47,29                            | 0,38               | 2,62     |
| -135                   | 1- 15/16              | 2- 1/8      | 3/32      | 1.925                         | .017                | .103     | 48,90                            | 0,43               | 2,62     |
| -136                   | 2                     | 2- 3/16     | 3/32      | 1.987                         | .017                | .103     | 50,47                            | 0,43               | 2,62     |
| -137                   | 2- 1/16               | 2- 1/4      | 3/32      | 2.050                         | .017                | .103     | 52,07                            | 0,43               | 2,62     |
| -138                   | 2- 1/8                | 2- 5/16     | 3/32      | 2.112                         | .017                | .103     | 53,64                            | 0,43               | 2,62     |
| -139                   | 2- 3/16               | 2- 3/8      | 3/32      | 2.175                         | .017                | .103     | 55,25                            | 0,43               | 2,62     |
| -140                   | 2- 1/4                | 2- 7/16     | 3/32      | 2.237                         | .017                | .103     | 56,82                            | 0,43               | 2,62     |
| -141                   | 2- 5/16               | 2- 1/2      | 3/32      | 2.300                         | .020                | .103     | 58,42                            | 0,51               | 2,62     |
| -142                   | 2- 3/8                | 2- 9/16     | 3/32      | 2.362                         | .020                | .103     | 59,99                            | 0,51               | 2,62     |
| -143                   | 2- 7/16               | 2- 5/8      | 3/32      | 2.425                         | .020                | .103     | 61,60                            | 0,51               | 2,62     |
| -144                   | 2- 1/2                | 2- 11/16    | 3/32      | 2.487                         | .020                | .103     | 63,17                            | 0,51               | 2,62     |
| -145                   | 2- 9/16               | 2- 3/4      | 3/32      | 2.550                         | .020                | .103     | 64,77                            | 0,51               | 2,62     |





## 14. A. Standard O-ring Sizes

**Standard O-ring Sizes (100 Series 102 to 178 cross section Diameters  $w = .103 \pm .003$  inches,  $w = 2,62 \pm 0,08$  mm)**

| Size Only | Nominal Size (Inches) |          |      | Standard O-ring Size (Inches) |          |              | Metric O-ring Size (millimeters) |          |             |
|-----------|-----------------------|----------|------|-------------------------------|----------|--------------|----------------------------------|----------|-------------|
|           | Dash No.              | I.D.     | O.D. | W.                            | Actual   | Per AS 568 A | W                                | Actual   | Per AS 568A |
| I.D.      |                       |          |      |                               | Tol. +/- | I.D.         |                                  | Tol. +/- |             |
| -146      | 2- 5/8                | 2- 13/16 | 3/32 | 2.612                         | .020     | .103         | 66,34                            | 0,51     | 2,62        |
| -147      | 2- 11/16              | 2- 7/8   | 3/32 | 2.675                         | .022     | .103         | 67,95                            | 0,56     | 2,62        |
| -148      | 2- 3/4                | 2- 15/16 | 3/32 | 2.737                         | .022     | .103         | 69,52                            | 0,56     | 2,62        |
| -149      | 2- 13/16              | 3        | 3/32 | 2.800                         | .022     | .103         | 71,12                            | 0,56     | 2,62        |
| -150      | 2- 7/8                | 3- 1/16  | 3/32 | 2.862                         | .022     | .103         | 72,69                            | 0,56     | 2,62        |
| -151      | 3                     | 3- 3/16  | 3/32 | 2.987                         | .024     | .103         | 75,87                            | 0,61     | 2,62        |
| -152      | 3- 1/4                | 3- 7/16  | 3/32 | 3.237                         | .024     | .103         | 82,22                            | 0,61     | 2,62        |
| -153      | 3- 1/2                | 3- 11/16 | 3/32 | 3.487                         | .024     | .103         | 88,57                            | 0,61     | 2,62        |
| -154      | 3- 3/4                | 3- 15/16 | 3/32 | 3.737                         | .028     | .103         | 94,92                            | 0,71     | 2,62        |
| -155      | 4                     | 4- 3/16  | 3/32 | 3.987                         | .028     | .103         | 101,27                           | 0,71     | 2,62        |
| -156      | 4- 1/4                | 4- 7/16  | 3/32 | 4.237                         | .030     | .103         | 107,62                           | 0,76     | 2,62        |
| -157      | 4- 1/2                | 4- 11/16 | 3/32 | 4.487                         | .030     | .103         | 113,97                           | 0,76     | 2,62        |
| -158      | 4- 3/4                | 4- 15/16 | 3/32 | 4.737                         | .030     | .103         | 120,32                           | 0,76     | 2,62        |
| -159      | 5                     | 5- 3/16  | 3/32 | 4.987                         | .035     | .103         | 126,67                           | 0,89     | 2,62        |
| -160      | 5- 1/4                | 5- 7/16  | 3/32 | 5.237                         | .035     | .103         | 133,02                           | 0,89     | 2,62        |
| -161      | 5- 1/2                | 5- 11/16 | 3/32 | 5.487                         | .035     | .103         | 139,37                           | 0,89     | 2,62        |
| -162      | 5- 3/4                | 5- 15/16 | 3/32 | 5.737                         | .035     | .103         | 145,72                           | 0,89     | 2,62        |
| -163      | 6                     | 6- 3/16  | 3/32 | 5.987                         | .035     | .103         | 152,07                           | 0,89     | 2,62        |
| -164      | 6- 1/4                | 6- 7/16  | 3/32 | 6.237                         | .040     | .103         | 158,42                           | 1,02     | 2,62        |
| -165      | 6- 1/2                | 6- 11/16 | 3/32 | 6.487                         | .040     | .103         | 164,77                           | 1,02     | 2,62        |
| -166      | 6- 3/4                | 6- 15/16 | 3/32 | 6.737                         | .040     | .103         | 171,12                           | 1,02     | 2,62        |
| -167      | 7                     | 7- 3/16  | 3/32 | 6.987                         | .040     | .103         | 177,47                           | 1,02     | 2,62        |
| -168      | 7- 1/4                | 7- 7/16  | 3/32 | 7.237                         | .045     | .103         | 183,82                           | 1,14     | 2,62        |
| -169      | 7- 1/2                | 7- 11/16 | 3/32 | 7.487                         | .045     | .103         | 190,17                           | 1,14     | 2,62        |
| -170      | 7- 3/4                | 7- 15/16 | 3/32 | 7.737                         | .045     | .103         | 196,52                           | 1,14     | 2,62        |
| -171      | 8                     | 8- 3/16  | 3/32 | 7.987                         | .045     | .103         | 202,87                           | 1,14     | 2,62        |
| -172      | 8- 1/4                | 8- 7/16  | 3/32 | 8.237                         | .050     | .103         | 209,22                           | 1,27     | 2,62        |
| -173      | 8- 1/2                | 8- 11/16 | 3/32 | 8.487                         | .050     | .103         | 215,57                           | 1,27     | 2,62        |
| -174      | 8- 3/4                | 8- 15/16 | 3/32 | 8.737                         | .050     | .103         | 221,92                           | 1,27     | 2,62        |
| -175      | 9                     | 9- 3/16  | 3/32 | 8.987                         | .050     | .103         | 228,27                           | 1,27     | 2,62        |
| -176      | 9- 1/4                | 9- 7/16  | 3/32 | 9.237                         | .055     | .103         | 234,62                           | 1,40     | 2,62        |
| -177      | 9- 1/2                | 9- 11/16 | 3/32 | 9.487                         | .055     | .103         | 240,97                           | 1,40     | 2,62        |
| -178      | 9- 3/4                | 9- 15/16 | 3/32 | 9.737                         | .055     | .103         | 247,32                           | 1,40     | 2,62        |





## 14. A. Standard O-ring Sizes

Standard O-ring Sizes (200 Series 201 to 285 cross section Diameters  $w = .139 \pm .004$  inches,  $w = 3,53 \pm 0,10$  mm)

| Size Only       | Nominal Size (Inches) |          |     | Standard O-ring Size (Inches) |              |      | Metric O-ring Size (millimeters) |             |      |
|-----------------|-----------------------|----------|-----|-------------------------------|--------------|------|----------------------------------|-------------|------|
|                 |                       |          |     | Actual                        | Per AS 568 A |      | Actual                           | Per AS 568A |      |
| AS 568A Uniform |                       |          |     |                               |              |      |                                  |             |      |
| Dash No.        | I.D.                  | O.D.     | W.  | I.D.                          | Tol. +/-     | W    | I.D.                             | Tol. +/-    | W    |
| -201            | 3/16                  | 7/16     | 1/8 | .171                          | .055         | .139 | 4,34                             | 0,13        | 3,53 |
| -202            | 1/4                   | 1/2      | 1/8 | .234                          | .005         | .139 | 5,94                             | 0,13        | 3,53 |
| -203            | 5/16                  | 9/16     | 1/8 | .296                          | .005         | .139 | 7,52                             | 0,13        | 3,53 |
| -204            | 3/8                   | 5/8      | 1/8 | .359                          | .005         | .139 | 9,12                             | 0,13        | 3,53 |
| -205            | 7/16                  | 11/16    | 1/8 | .421                          | .005         | .139 | 10,69                            | 0,13        | 3,53 |
| -206            | 1/2                   | 3/4      | 1/8 | .484                          | .005         | .139 | 12,29                            | 0,13        | 3,53 |
| -207            | 9/16                  | 13/16    | 1/8 | .546                          | .007         | .139 | 13,87                            | 0,18        | 3,53 |
| -208            | 5/8                   | 7/8      | 1/8 | .609                          | .009         | .139 | 15,47                            | 0,23        | 3,53 |
| -209            | 11/16                 | 15/16    | 1/8 | .671                          | .010         | .139 | 17,04                            | 0,23        | 3,53 |
| -210            | 3/4                   | 1        | 1/8 | .734                          | .010         | .139 | 18,64                            | 0,25        | 3,53 |
| -211            | 13/16                 | 1- 1/16  | 1/8 | .796                          | .010         | .139 | 20,22                            | 0,25        | 3,53 |
| -212            | 7/8                   | 1- 1/8   | 1/8 | .859                          | .010         | .139 | 21,82                            | 0,25        | 3,53 |
| -213            | 15/16                 | 1- 3/16  | 1/8 | .921                          | .010         | .139 | 23,39                            | 0,25        | 3,53 |
| -214            | 1                     | 1- 1/4   | 1/8 | .984                          | .010         | .139 | 24,99                            | 0,25        | 3,53 |
| -215            | 1- 1/16               | 1- 5/16  | 1/8 | 1.046                         | .010         | .139 | 26,57                            | 0,25        | 3,53 |
| -216            | 1- 1/8                | 1- 3/8   | 1/8 | 1.109                         | .012         | .139 | 28,17                            | 0,30        | 3,53 |
| -217            | 1- 3/16               | 1- 7/16  | 1/8 | 1.171                         | .012         | .139 | 29,74                            | 0,30        | 3,53 |
| -218            | 1- 1/4                | 1- 1/2   | 1/8 | 1.234                         | .012         | .139 | 31,34                            | 0,30        | 3,53 |
| -219            | 1- 5/16               | 1- 9/16  | 1/8 | 1.296                         | .012         | .139 | 32,92                            | 0,30        | 3,53 |
| -220            | 1- 3/8                | 1- 5/8   | 1/8 | 1.359                         | .012         | .139 | 34,52                            | 0,30        | 3,53 |
| -221            | 1- 7/16               | 1- 11/16 | 1/8 | 1.421                         | .012         | .139 | 36,09                            | 0,30        | 3,53 |
| -222            | 1- 1/2                | 1- 3/4   | 1/8 | 1.484                         | .015         | .139 | 37,69                            | 0,38        | 3,53 |
| -223            | 1- 5/8                | 1- 7/8   | 1/8 | 1.609                         | .015         | .139 | 40,87                            | 0,38        | 3,53 |
| -224            | 1- 3/4                | 2        | 1/8 | 1.734                         | .015         | .139 | 44,04                            | 0,38        | 3,53 |
| -225            | 1- 7/8                | 2- 1/8   | 1/8 | 1.859                         | .015         | .139 | 47,22                            | 0,46        | 3,53 |
| -226            | 2                     | 2- 1/4   | 1/8 | 1.984                         | .018         | .139 | 50,39                            | 0,46        | 3,53 |
| -227            | 2- 1/16               | 2- 3/8   | 1/8 | 2.109                         | .018         | .139 | 53,57                            | 0,46        | 3,53 |
| -228            | 2- 1/4                | 2- 1/2   | 1/8 | 2.234                         | .020         | .139 | 56,74                            | 0,51        | 3,53 |
| -229            | 2- 3/8                | 2- 5/8   | 1/8 | 2.359                         | .020         | .139 | 59,92                            | 0,51        | 3,53 |
| -230            | 2- 1/2                | 2- 3/4   | 1/8 | 2.484                         | .020         | .139 | 63,09                            | 0,51        | 3,53 |
| -231            | 2- 5/8                | 2- 7/8   | 1/8 | 2.609                         | .020         | .139 | 66,27                            | 0,51        | 3,53 |
| -232            | 2- 3/4                | 3        | 1/8 | 2.734                         | .024         | .139 | 69,44                            | 0,61        | 3,53 |
| -233            | 2- 7/8                | 3- 1/8   | 1/8 | 2.859                         | .024         | .139 | 72,62                            | 0,61        | 3,53 |
| -234            | 3                     | 3- 1/4   | 1/8 | 2.984                         | .024         | .139 | 75,79                            | 0,61        | 3,53 |
| -235            | 3- 1/8                | 3- 3/8   | 1/8 | 3.109                         | .024         | .139 | 78,97                            | 0,61        | 3,53 |
| -236            | 3- 1/4                | 3- 1/2   | 1/8 | 3.234                         | .024         | .139 | 82,14                            | 0,61        | 3,53 |
| -237            | 3- 3/8                | 3- 5/8   | 1/8 | 3.359                         | .024         | .139 | 85,32                            | 0,61        | 3,53 |
| -238            | 3- 1/2                | 3- 3/4   | 1/8 | 3.484                         | .024         | .139 | 88,49                            | 0,61        | 3,53 |
| -239            | 3- 5/8                | 3- 7/8   | 1/8 | 3.609                         | .024         | .139 | 91,67                            | 0,71        | 3,53 |
| -240            | 3- 3/4                | 4        | 1/8 | 3.734                         | .028         | .139 | 94,84                            | 0,71        | 3,53 |
| -241            | 3- 7/8                | 4- 1/8   | 1/8 | 3.859                         | .028         | .139 | 98,02                            | 0,71        | 3,53 |
| -242            | 4                     | 4- 1/4   | 1/8 | 3.984                         | .028         | .139 | 101,19                           | 0,71        | 3,53 |





## 14. A. Standard O-ring Sizes

**Standard O-ring Sizes (200 Series 201 to 285 cross section Diameters w = 139 ± .004 inches, w = 3,53 ± 0,10 mm)**

| Size Only       | Nominal Size (Inches) |         |     | Standard O-ring Size (Inches) |              |      | Metric O-ring Size (millimeters) |             |      |
|-----------------|-----------------------|---------|-----|-------------------------------|--------------|------|----------------------------------|-------------|------|
|                 |                       |         |     | Actual                        | Per AS 568 A |      | Actual                           | Per AS 568A |      |
| AS 568A Uniform |                       |         |     |                               |              |      |                                  |             |      |
| Dash No.        | I.D.                  | O.D.    | W.  | I.D.                          | Tol. +/-     | W    | I.D.                             | Tol. +/-    | W    |
| -243            | 4- 1/8                | 4- 3/8  | 1/8 | 4.109                         | .028         | .139 | 104,37                           | 0,71        | 3,53 |
| -244            | 4- 1/4                | 4- 1/2  | 1/8 | 4.234                         | .030         | .139 | 107,54                           | 0,76        | 3,53 |
| -245            | 4- 3/8                | 4- 5/8  | 1/8 | 4.359                         | .030         | .139 | 110,72                           | 0,76        | 3,53 |
| -246            | 4- 1/2                | 4- 3/4  | 1/8 | 4.484                         | .030         | .139 | 113,89                           | 0,76        | 3,53 |
| -247            | 4- 5/8                | 4- 7/8  | 1/8 | 4.609                         | .030         | .139 | 117,07                           | 0,76        | 3,53 |
| -248            | 4- 3/4                | 5       | 1/8 | 4.734                         | .030         | .139 | 120,24                           | 0,76        | 3,53 |
| -249            | 4- 7/8                | 5- 1/8  | 1/8 | 4.859                         | .035         | .139 | 123,42                           | 0,89        | 3,53 |
| -250            | 5                     | 5- 1/4  | 1/8 | 4.984                         | .035         | .139 | 126,59                           | 0,89        | 3,53 |
| -251            | 5- 1/8                | 5- 3/8  | 1/8 | 5.109                         | .035         | .139 | 129,77                           | 0,89        | 3,53 |
| -252            | 5- 1/4                | 5- 1/2  | 1/8 | 5.234                         | .035         | .139 | 132,94                           | 0,89        | 3,53 |
| -253            | 5- 3/8                | 5- 5/8  | 1/8 | 5.359                         | .035         | .139 | 136,12                           | 0,89        | 3,53 |
| -254            | 5- 1/2                | 5- 3/4  | 1/8 | 5.484                         | .035         | .139 | 139,29                           | 0,89        | 3,53 |
| -255            | 5- 5/8                | 5- 7/8  | 1/8 | 5.609                         | .035         | .139 | 142,47                           | 0,89        | 3,53 |
| -256            | 5- 3/4                | 6       | 1/8 | 5.734                         | .035         | .139 | 145,64                           | 0,89        | 3,53 |
| -257            | 5- 7/8                | 6- 1/8  | 1/8 | 5.859                         | .035         | .139 | 148,82                           | 0,89        | 3,53 |
| -258            | 6                     | 6- 1/4  | 1/8 | 5.984                         | .035         | .139 | 151,99                           | 0,89        | 3,53 |
| -259            | 6- 1/4                | 6- 1/2  | 1/8 | 6.234                         | .040         | .139 | 158,34                           | 1,02        | 3,53 |
| -260            | 6- 1/2                | 6- 3/4  | 1/8 | 6.484                         | .040         | .139 | 164,69                           | 1,02        | 3,53 |
| -261            | 6- 3/4                | 7       | 1/8 | 6.734                         | .040         | .139 | 171,04                           | 1,02        | 3,53 |
| -262            | 7                     | 7- 1/4  | 1/8 | 6.984                         | .040         | .139 | 177,39                           | 1,02        | 3,53 |
| -263            | 7- 1/4                | 7- 1/2  | 1/8 | 7.234                         | .045         | .139 | 183,74                           | 1,14        | 3,53 |
| -264            | 7- 1/2                | 7- 3/4  | 1/8 | 7.484                         | .045         | .139 | 190,09                           | 1,14        | 3,53 |
| -265            | 7- 3/4                | 8       | 1/8 | 7.734                         | .045         | .139 | 196,44                           | 1,14        | 3,53 |
| -266            | 8                     | 8- 1/4  | 1/8 | 7.984                         | .045         | .139 | 202,79                           | 1,14        | 3,53 |
| -267            | 8- 1/4                | 8- 1/2  | 1/8 | 8.234                         | .050         | .139 | 209,14                           | 1,27        | 3,53 |
| -268            | 8- 1/2                | 8- 3/4  | 1/8 | 8.484                         | .050         | .139 | 215,49                           | 1,27        | 3,53 |
| -269            | 8- 3/4                | 9       | 1/8 | 8.734                         | .050         | .139 | 221,84                           | 1,27        | 3,53 |
| -270            | 9                     | 9- 1/4  | 1/8 | 8.984                         | .050         | .139 | 228,19                           | 1,27        | 3,53 |
| -271            | 9- 1/4                | 9- 1/2  | 1/8 | 9.234                         | .055         | .139 | 234,54                           | 1,40        | 3,53 |
| -272            | 9- 1/2                | 9- 3/4  | 1/8 | 9.484                         | .055         | .139 | 240,89                           | 1,40        | 3,53 |
| -273            | 9- 3/4                | 10      | 1/8 | 9.734                         | .055         | .139 | 247,24                           | 1,40        | 3,53 |
| -274            | 10                    | 10- 1/4 | 1/8 | 9.984                         | .055         | .139 | 253,59                           | 1,40        | 3,53 |
| -275            | 10- 1/2               | 10- 3/4 | 1/8 | 10.484                        | .055         | .139 | 266,29                           | 1,40        | 3,53 |
| -276            | 11                    | 11- 1/4 | 1/8 | 10.984                        | .065         | .139 | 278,99                           | 1,65        | 3,53 |
| -277            | 11- 1/2               | 11- 3/4 | 1/8 | 11.484                        | .065         | .139 | 291,69                           | 1,65        | 3,53 |
| -278            | 12                    | 12- 1/4 | 1/8 | 11.984                        | .065         | .139 | 304,39                           | 1,65        | 3,53 |
| -279            | 13                    | 13- 1/4 | 1/8 | 12.984                        | .065         | .139 | 329,79                           | 1,65        | 3,53 |
| -280            | 14                    | 14- 1/4 | 1/8 | 13.984                        | .065         | .139 | 355,19                           | 1,65        | 3,53 |
| -281            | 15                    | 15- 1/4 | 1/8 | 14.984                        | .065         | .139 | 380,59                           | 1,65        | 3,53 |
| -282            | 16                    | 16- 1/4 | 1/8 | 15.955                        | .075         | .139 | 405,26                           | 1,91        | 3,53 |
| -283            | 17                    | 17- 1/4 | 1/8 | 16.955                        | .080         | .139 | 430,66                           | 2,03        | 3,53 |
| -284            | 18                    | 18- 1/4 | 1/8 | 17.955                        | .085         | .139 | 456,06                           | 2,16        | 3,53 |





## 14. A. Standard O-ring Sizes

Standard O-ring Sizes (300 Series 309 to 395 cross section Diameters  $w = .210 \pm .005$  inches,  $w = 5,33 \pm 0,13$  mm)

| Size Only       | Nominal Size (Inches) |          |      | Standard O-ring Size (Inches) |              |      | Metric O-ring Size (millimeters) |             |      |
|-----------------|-----------------------|----------|------|-------------------------------|--------------|------|----------------------------------|-------------|------|
|                 |                       |          |      | Actual                        | Per AS 568 A |      | Actual                           | Per AS 568A |      |
| AS 568A Uniform |                       |          |      |                               |              |      |                                  |             |      |
| Dash No.        | I.D.                  | O.D.     | W.   | I.D.                          | Tol. +/-     | W    | I.D.                             | Tol. +/-    | W    |
| -309            | 7/16                  | 13/16    | 3/16 | .412                          | .005         | .210 | 10,46                            | 0,13        | 5,33 |
| -310            | 1/2                   | 7/8      | 3/16 | .475                          | .005         | .210 | 12,07                            | 0,13        | 5,33 |
| -311            | 9/16                  | 15/16    | 3/16 | .537                          | .007         | .210 | 13,64                            | 0,18        | 5,33 |
| -312            | 5/8                   | 1        | 3/16 | .600                          | .009         | .210 | 15,24                            | 0,23        | 5,33 |
| -313            | 11/16                 | 1- 1/16  | 3/16 | .662                          | .009         | .210 | 16,81                            | 0,23        | 5,33 |
| -314            | 3/4                   | 1- 1/8   | 3/16 | .725                          | .010         | .210 | 18,42                            | 0,25        | 5,33 |
| -315            | 13/16                 | 1- 3/16  | 3/16 | .787                          | .010         | .210 | 19,99                            | 0,25        | 5,33 |
| -316            | 7/8                   | 1- 1/4   | 3/16 | .850                          | .010         | .210 | 21,59                            | 0,25        | 5,33 |
| -317            | 15/16                 | 1- 5/16  | 3/16 | .912                          | .010         | .210 | 23,16                            | 0,25        | 5,33 |
| -318            | 1                     | 1- 3/8   | 3/16 | .975                          | .010         | .210 | 24,77                            | 0,25        | 5,33 |
| -319            | 1- 1/16               | 1- 7/16  | 3/16 | 1.037                         | .010         | .210 | 26,34                            | 0,25        | 5,33 |
| -320            | 1- 1/8                | 1- 1/2   | 3/16 | 1.100                         | .012         | .210 | 27,94                            | 0,30        | 5,33 |
| -321            | 1- 3/16               | 1- 9/16  | 3/16 | 1.162                         | .012         | .210 | 29,51                            | 0,30        | 5,33 |
| -322            | 1- 1/4                | 1- 5/8   | 3/16 | 1.225                         | .012         | .210 | 31,12                            | 0,30        | 5,33 |
| -323            | 1- 5/16               | 1- 11/16 | 3/16 | 1.287                         | .012         | .210 | 32,69                            | 0,30        | 5,33 |
| -324            | 1- 3/8                | 1- 3/4   | 3/16 | 1.350                         | .012         | .210 | 34,29                            | 0,30        | 5,33 |
| -325            | 1- 1/2                | 1- 7/8   | 3/16 | 1.475                         | .015         | .210 | 37,47                            | 0,38        | 5,33 |
| -326            | 1- 5/8                | 2        | 3/16 | 1.600                         | .015         | .210 | 40,64                            | 0,38        | 5,33 |
| -327            | 1- 3/4                | 2- 1/8   | 3/16 | 1.725                         | .015         | .210 | 43,82                            | 0,38        | 5,33 |
| -328            | 1- 7/8                | 2- 1/4   | 3/16 | 1.850                         | .015         | .210 | 46,99                            | 0,38        | 5,33 |
| -329            | 2                     | 2- 3/8   | 3/16 | 1.975                         | .018         | .210 | 50,17                            | 0,46        | 5,33 |
| -330            | 2- 1/8                | 2- 1/2   | 3/16 | 2.100                         | .018         | .210 | 53,34                            | 0,46        | 5,33 |
| -331            | 2- 1/4                | 2- 5/8   | 3/16 | 2.225                         | .018         | .210 | 56,52                            | 0,46        | 5,33 |
| -332            | 2- 3/8                | 2- 3/4   | 3/16 | 2.350                         | .018         | .210 | 59,69                            | 0,46        | 5,33 |
| -333            | 2- 1/2                | 2- 7/8   | 3/16 | 2.475                         | .020         | .210 | 62,87                            | 0,51        | 5,33 |
| -334            | 2- 5/8                | 3        | 3/16 | 2.600                         | .020         | .210 | 66,04                            | 0,51        | 5,33 |
| -335            | 2- 3/4                | 3- 1/8   | 3/16 | 2.725                         | .020         | .210 | 69,22                            | 0,51        | 5,33 |
| -336            | 2- 7/8                | 3- 1/4   | 3/16 | 2.850                         | .020         | .210 | 72,39                            | 0,51        | 5,33 |
| -337            | 3                     | 3- 3/8   | 3/16 | 2.975                         | .024         | .210 | 75,37                            | 0,61        | 5,33 |
| -338            | 3- 1/8                | 3- 1/2   | 3/16 | 3.100                         | .024         | .210 | 78,74                            | 0,61        | 5,33 |
| -339            | 3- 1/4                | 3- 5/8   | 3/16 | 3.225                         | .024         | .210 | 81,92                            | 0,61        | 5,33 |
| -340            | 3- 3/8                | 3- 3/4   | 3/16 | 3.350                         | .024         | .210 | 85,09                            | 0,61        | 5,33 |
| -341            | 3- 1/2                | 3- 7/8   | 3/16 | 3.475                         | .024         | .210 | 88,27                            | 0,61        | 5,33 |
| -342            | 3- 5/8                | 4        | 3/16 | 3.600                         | .028         | .210 | 91,44                            | 0,71        | 5,33 |
| -343            | 3- 3/4                | 4- 1/8   | 3/16 | 3.725                         | .028         | .210 | 94,62                            | 0,71        | 5,33 |
| -344            | 3- 7/8                | 4- 1/4   | 3/16 | 3.850                         | .028         | .210 | 97,79                            | 0,71        | 5,33 |
| -345            | 4                     | 4- 3/8   | 3/16 | 3.975                         | .028         | .210 | 100,97                           | 0,71        | 5,33 |
| -346            | 4- 1/8                | 4- 1/2   | 3/16 | 4.100                         | .028         | .210 | 104,14                           | 0,71        | 5,33 |
| -347            | 4- 1/4                | 4- 5/8   | 3/16 | 4.225                         | .030         | .210 | 107,32                           | 0,76        | 5,33 |
| -348            | 4- 3/8                | 4- 3/4   | 3/16 | 4.350                         | .030         | .210 | 110,49                           | 0,76        | 5,33 |
| -349            | 4- 1/2                | 4- 7/8   | 3/16 | 4.475                         | .030         | .210 | 113,67                           | 0,76        | 5,33 |
| -350            | 4- 5/8                | 5        | 3/16 | 4.600                         | .030         | .210 | 116,84                           | 0,76        | 5,33 |
| -351            | 4- 3/4                | 5- 1/8   | 3/16 | 4.725                         | .030         | .210 | 120,02                           | 0,76        | 5,33 |
| -352            | 4- 7/8                | 5- 1/4   | 3/16 | 4.850                         | .030         | .210 | 123,19                           | 0,76        | 5,33 |





## 14. A. Standard O-ring Sizes

**Standard O-ring Sizes (300 Series 309 to 395 cross section Diameters w = .210 ± .005 inches, w = 5,33 ± 0,13 mm)**

| Size Only              | Nominal Size (Inches) |             |           | Standard O-ring Size (Inches) |              |          | Metric O-ring Size (millimeters) |             |          |
|------------------------|-----------------------|-------------|-----------|-------------------------------|--------------|----------|----------------------------------|-------------|----------|
|                        | I.D.                  | O.D.        | W.        | Actual                        | Per AS 568 A | W        | Actual                           | Per AS 568A | W        |
| <b>AS 568A Uniform</b> |                       |             |           |                               |              |          |                                  |             |          |
| <b>Dash No.</b>        | <b>I.D.</b>           | <b>O.D.</b> | <b>W.</b> | <b>I.D.</b>                   | <b>+/-</b>   | <b>W</b> | <b>I.D.</b>                      | <b>+/-</b>  | <b>W</b> |
| -353                   | 5                     | 5- 3/8      | 3/16      | 4.975                         | .037         | .210     | 126,37                           | 0,94        | 5,33     |
| -354                   | 5- 1/8                | 5- 1/2      | 3/16      | 5.100                         | .037         | .210     | 129,54                           | 0,94        | 5,33     |
| -355                   | 5- 1/4                | 5- 3/8      | 3/16      | 5.225                         | .037         | .210     | 132,72                           | 0,94        | 5,33     |
| -356                   | 5- 3/8                | 5- 3/4      | 3/16      | 5.350                         | .037         | .210     | 135,89                           | 0,94        | 5,33     |
| -357                   | 5- 1/2                | 5- 7/8      | 3/16      | 5.475                         | .037         | .210     | 139,07                           | 0,94        | 5,33     |
| -358                   | 5- 5/8                | 6           | 3/16      | 5.600                         | .037         | .210     | 142,24                           | 0,94        | 5,33     |
| -359                   | 5- 3/4                | 6- 1/8      | 3/16      | 5.725                         | .037         | .210     | 145,42                           | 0,94        | 5,33     |
| -360                   | 5- 7/8                | 6- 1/4      | 3/16      | 5.850                         | .037         | .210     | 148,59                           | 0,94        | 5,33     |
| -361                   | 6                     | 6- 3/8      | 3/16      | 5.975                         | .037         | .210     | 151,77                           | 0,94        | 5,33     |
| -362                   | 6- 1/4                | 6- 5/8      | 3/16      | 6.225                         | .040         | .210     | 158,12                           | 1,02        | 5,33     |
| -363                   | 6- 1/2                | 6- 7/8      | 3/16      | 6.475                         | .040         | .210     | 164,47                           | 1,02        | 5,33     |
| -364                   | 6- 3/4                | 7- 1/8      | 3/16      | 6.725                         | .040         | .210     | 170,82                           | 1,02        | 5,33     |
| -365                   | 7                     | 7- 3/8      | 3/16      | 6.975                         | .040         | .210     | 177,17                           | 1,02        | 5,33     |
| -366                   | 7- 1/4                | 7- 5/8      | 3/16      | 7.225                         | .045         | .210     | 183,52                           | 1,14        | 5,33     |
| -367                   | 7- 1/2                | 7- 7/8      | 3/16      | 7.475                         | .045         | .210     | 189,87                           | 1,14        | 5,33     |
| -368                   | 7- 3/4                | 8- 1/8      | 3/16      | 7.725                         | .045         | .210     | 196,22                           | 1,14        | 5,33     |
| -369                   | 8                     | 8- 3/8      | 3/16      | 7.925                         | .045         | .210     | 202,57                           | 1,14        | 5,33     |
| -370                   | 8- 1/4                | 8- 5/8      | 3/16      | 8.225                         | .050         | .210     | 208,92                           | 1,27        | 5,33     |
| -371                   | 8- 1/2                | 8- 7/8      | 3/16      | 8.475                         | .050         | .210     | 215,27                           | 1,27        | 5,33     |
| -372                   | 8- 3/4                | 9- 1/8      | 3/16      | 8.725                         | .050         | .210     | 221,62                           | 1,27        | 5,33     |
| -373                   | 9                     | 9- 3/8      | 3/16      | 8.975                         | .050         | .210     | 227,97                           | 1,27        | 5,33     |
| -374                   | 9- 1/4                | 9- 5/8      | 3/16      | 9.225                         | .055         | .210     | 234,32                           | 1,40        | 5,33     |
| -375                   | 9- 1/2                | 9- 7/8      | 3/16      | 9.475                         | .055         | .210     | 240,67                           | 1,40        | 5,33     |
| -376                   | 9- 3/4                | 10- 1/8     | 3/16      | 9.725                         | .055         | .210     | 247,02                           | 1,40        | 5,33     |
| -377                   | 10                    | 10- 3/8     | 3/16      | 9.975                         | .055         | .210     | 253,37                           | 1,40        | 5,33     |
| -378                   | 10- 1/2               | 10- 7/8     | 3/16      | 10.475                        | .060         | .210     | 266,07                           | 1,52        | 5,33     |
| -379                   | 11                    | 11- 3/8     | 3/16      | 10.975                        | .060         | .210     | 278,77                           | 1,52        | 5,33     |
| -380                   | 11- 1/2               | 11- 7/8     | 3/16      | 11.475                        | .065         | .210     | 291,47                           | 1,65        | 5,33     |
| -381                   | 12                    | 12- 3/8     | 3/16      | 11.975                        | .065         | .210     | 304,17                           | 1,65        | 5,33     |
| -382                   | 13                    | 13- 3/8     | 3/16      | 12.975                        | .065         | .210     | 329,57                           | 1,65        | 5,33     |
| -383                   | 14                    | 14- 3/8     | 3/16      | 13.975                        | .070         | .210     | 354,97                           | 1,78        | 5,33     |
| -384                   | 15                    | 15- 3/8     | 3/16      | 14.975                        | .070         | .210     | 380,37                           | 1,78        | 5,33     |
| -385                   | 16                    | 16- 3/8     | 3/16      | 15.955                        | .075         | .210     | 405,26                           | 1,91        | 5,33     |
| -386                   | 17                    | 17- 3/8     | 3/16      | 16.955                        | .080         | .210     | 430,66                           | 2,03        | 5,33     |
| -387                   | 18                    | 18- 3/8     | 3/16      | 17.955                        | .085         | .210     | 456,06                           | 2,16        | 5,33     |
| -388                   | 19                    | 19- 3/8     | 3/16      | 18.955                        | .090         | .210     | 481,41                           | 2,29        | 5,33     |
| -389                   | 20                    | 20- 3/8     | 3/16      | 19.955                        | .095         | .210     | 506,81                           | 2,41        | 5,33     |
| -390                   | 21                    | 21- 3/8     | 3/16      | 20.955                        | .095         | .210     | 532,21                           | 2,41        | 5,33     |
| -391                   | 22                    | 22- 3/8     | 3/16      | 21.955                        | .100         | .210     | 557,61                           | 2,54        | 5,33     |
| -392                   | 23                    | 23- 3/8     | 3/16      | 22.940                        | .105         | .210     | 582,68                           | 2,67        | 5,33     |
| -393                   | 24                    | 24- 3/8     | 3/16      | 23.940                        | .110         | .210     | 608,08                           | 2,79        | 5,33     |
| -394                   | 25                    | 25- 3/8     | 3/16      | 24.940                        | .115         | .210     | 633,48                           | 2,92        | 5,33     |
| -395                   | 26                    | 26- 3/8     | 3/16      | 25.940                        | .120         | .210     | 658,88                           | 3,05        | 5,33     |







### 14. A. Standard O-ring Sizes

**Standard O-ring Sizes (400 Series 425 to 475 cross section Diameters  $w = .275 \pm .006$  inches,  $w = 6,99 \pm 0,15$  mm)**

| Size Only       | Nominal Size (Inches) |         |     | Standard O-ring Size (Inches) |              |      | Metric O-ring Size (millimeters) |             |      |
|-----------------|-----------------------|---------|-----|-------------------------------|--------------|------|----------------------------------|-------------|------|
|                 |                       |         |     | Actual                        | Per AS 568 A |      | Actual                           | Per AS 568A |      |
| AS 568A Uniform |                       |         |     |                               |              |      |                                  |             |      |
| Dash No.        | I.D.                  | O.D.    | W.  | I.D.                          | Tol. +/-     | W    | I.D.                             | Tol. +/-    | W    |
| -425            | 4- 1/2                | 5       | 1/4 | 4.475                         | .033         | .275 | 113,67                           | 0,84        | 6,99 |
| -426            | 4- 5/8                | 5- 1/8  | 1/4 | 4.600                         | .033         | .275 | 116,84                           | 0,84        | 6,99 |
| -427            | 4- 3/4                | 5- 1/4  | 1/4 | 4.725                         | .033         | .275 | 120,02                           | 0,84        | 6,99 |
| -428            | 4- 7/8                | 5- 3/8  | 1/4 | 4.850                         | .033         | .275 | 123,19                           | 0,84        | 6,99 |
| -429            | 5                     | 5- 1/2  | 1/4 | 4.975                         | .037         | .275 | 126,37                           | 0,94        | 6,99 |
| -430            | 5- 1/8                | 5- 5/8  | 1/4 | 5.100                         | .037         | .275 | 129,54                           | 0,94        | 6,99 |
| -431            | 5- 1/4                | 5- 3/4  | 1/4 | 5.225                         | .037         | .275 | 132,72                           | 0,94        | 6,99 |
| -432            | 5- 3/8                | 5- 7/8  | 1/4 | 5.350                         | .037         | .275 | 135,89                           | 0,94        | 6,99 |
| -433            | 5- 1/2                | 6       | 1/4 | 5.475                         | .037         | .275 | 139,07                           | 0,94        | 6,99 |
| -434            | 5- 5/8                | 6- 1/8  | 1/4 | 5.600                         | .037         | .275 | 142,24                           | 0,94        | 6,99 |
| -435            | 5- 3/4                | 6- 1/4  | 1/4 | 5.725                         | .037         | .275 | 145,42                           | 0,94        | 6,99 |
| -436            | 5- 7/8                | 6- 3/8  | 1/4 | 5.850                         | .037         | .275 | 148,59                           | 0,94        | 6,99 |
| -437            | 6                     | 6- 1/2  | 1/4 | 5.975                         | .037         | .275 | 151,77                           | 0,94        | 6,99 |
| -438            | 6- 1/4                | 6- 3/4  | 1/4 | 6.225                         | .040         | .275 | 158,12                           | 1,02        | 6,99 |
| -439            | 6- 1/2                | 7       | 1/4 | 6.475                         | .040         | .275 | 164,47                           | 1,02        | 6,99 |
| -440            | 6- 3/4                | 7- 1/4  | 1/4 | 6.725                         | .040         | .275 | 170,82                           | 1,02        | 6,99 |
| -441            | 7                     | 7- 1/2  | 1/4 | 6.975                         | .040         | .275 | 177,17                           | 1,02        | 6,99 |
| -442            | 7- 1/4                | 7- 3/4  | 1/4 | 7.225                         | .045         | .275 | 183,52                           | 1,14        | 6,99 |
| -443            | 7- 1/2                | 8       | 1/4 | 7.475                         | .045         | .275 | 189,87                           | 1,14        | 6,99 |
| -444            | 7- 3/4                | 8- 1/4  | 1/4 | 7.725                         | .045         | .275 | 196,22                           | 1,14        | 6,99 |
| -445            | 8                     | 8- 1/2  | 1/4 | 7.975                         | .045         | .275 | 202,57                           | 1,14        | 6,99 |
| -446            | 8- 1/2                | 9       | 1/4 | 8.475                         | .055         | .275 | 215,27                           | 1,40        | 6,99 |
| -447            | 9                     | 9- 1/2  | 1/4 | 8.975                         | .055         | .275 | 227,97                           | 1,40        | 6,99 |
| -448            | 9- 1/2                | 10      | 1/4 | 9.475                         | .055         | .275 | 240,67                           | 1,40        | 6,99 |
| -449            | 10                    | 10- 1/2 | 1/4 | 9.975                         | .055         | .275 | 253,37                           | 1,40        | 6,99 |
| -450            | 10- 1/2               | 11      | 1/4 | 10.475                        | .060         | .275 | 266,07                           | 1,52        | 6,99 |
| -451            | 11                    | 11- 1/2 | 1/4 | 10.975                        | .060         | .275 | 278,77                           | 1,52        | 6,99 |
| -452            | 11- 1/2               | 12      | 1/4 | 11.475                        | .060         | .275 | 291,47                           | 1,52        | 6,99 |
| -453            | 12                    | 12- 1/2 | 1/4 | 11.975                        | .060         | .275 | 304,17                           | 1,52        | 6,99 |
| -454            | 12- 1/2               | 13      | 1/4 | 12.475                        | .060         | .275 | 316,87                           | 1,52        | 6,99 |
| -455            | 13                    | 13- 1/2 | 1/4 | 12.975                        | .060         | .275 | 329,57                           | 1,52        | 6,99 |
| -456            | 13- 1/2               | 14      | 1/4 | 13.475                        | .070         | .275 | 342,27                           | 1,78        | 6,99 |
| -457            | 14                    | 14- 1/2 | 1/4 | 13.975                        | .070         | .275 | 354,97                           | 1,78        | 6,99 |
| -458            | 14- 1/2               | 15      | 1/4 | 14.475                        | .070         | .275 | 367,67                           | 1,78        | 6,99 |
| -459            | 15                    | 15- 1/2 | 1/4 | 14.975                        | .070         | .275 | 380,37                           | 1,78        | 6,99 |
| -460            | 15- 1/2               | 16      | 1/4 | 15.475                        | .070         | .275 | 393,07                           | 1,78        | 6,99 |
| -461            | 16                    | 16- 1/2 | 1/4 | 15.955                        | .075         | .275 | 405,26                           | 1,91        | 6,99 |
| -462            | 16- 1/2               | 17      | 1/4 | 16.455                        | .075         | .275 | 417,96                           | 1,91        | 6,99 |
| -463            | 17                    | 17- 1/2 | 1/4 | 16.955                        | .080         | .275 | 430,66                           | 2,03        | 6,99 |
| -464            | 17- 1/2               | 18      | 1/4 | 17.455                        | .085         | .275 | 443,36                           | 2,16        | 6,99 |
| -465            | 18                    | 18- 1/2 | 1/4 | 17.955                        | .085         | .275 | 456,06                           | 2,16        | 6,99 |
| -466            | 18- 1/2               | 19      | 1/4 | 18.455                        | .085         | .275 | 468,76                           | 2,16        | 6,99 |
| -467            | 19                    | 19- 1/2 | 1/4 | 18.955                        | .090         | .275 | 481,46                           | 2,29        | 6,99 |
| -468            | 19- 1/2               | 20      | 1/4 | 19.455                        | .090         | .275 | 494,16                           | 2,29        | 6,99 |
| -469            | 20                    | 20- 1/2 | 1/4 | 19.955                        | .095         | .275 | 506,86                           | 2,41        | 6,99 |
| -470            | 21                    | 21- 1/2 | 1/4 | 20.955                        | .095         | .275 | 532,26                           | 2,41        | 6,99 |
| -471            | 22                    | 22- 1/2 | 1/4 | 21.955                        | .100         | .275 | 557,66                           | 2,54        | 6,99 |
| -472            | 23                    | 23- 1/2 | 1/4 | 22.940                        | .105         | .275 | 582,68                           | 2,67        | 6,99 |
| -473            | 24                    | 24- 1/2 | 1/4 | 23.940                        | .110         | .275 | 608,08                           | 2,79        | 6,99 |
| -474            | 25                    | 25- 1/2 | 1/4 | 24.940                        | .115         | .275 | 633,48                           | 2,92        | 6,99 |
| -475            | 26                    | 26- 1/2 | 1/4 | 25.940                        | .120         | .275 | 658,88                           | 3,05        | 6,99 |







## 14. A. Standard O-ring Sizes

**Standard O-ring Sizes (900 series)**

| AS 568A<br>Uniform<br>Dash No. | Tube O.D.<br>(Ref) | O-ring Size - Actual (b) per AS568A<br>(Units are in inches) |      |      |      | Metric O-ring Size per AS568A (b)<br>(Units are in millimeters) |      |      |      |
|--------------------------------|--------------------|--|------|------|------|---|------|------|------|
|                                |                    | Tolerance<br>(C)   |      |      |      | Tolerance<br>(C)  |      |      |      |
|                                |                    | I.D.   | ±    | W    | ±    | I.D.  | ±    | W    | ±    |
| -901                           | 3/32               | .185   | .005 | .056 | .003 | 4,70  | 0,13 | 1,42 | 0,08 |
| -902                           | 1/8                | .239   | .005 | .064 | .003 | 6,07  | 0,13 | 1,63 | 0,08 |
| -903                           | 3/16               | .301   | .005 | .064 | .003 | 7,65  | 0,13 | 1,63 | 0,08 |
| -904                           | 1/4                | .351   | .005 | .072 | .003 | 8,92  | 0,13 | 1,83 | 0,08 |
| -905                           | 5/16               | .414   | .005 | .072 | .003 | 10,52   | 0,13 | 1,83 | 0,08 |
| -906                           | 3/8                | .468   | .005 | .078 | .003 | 11,89   | 0,13 | 1,98 | 0,08 |
| -907                           | 7/16               | .530   | .007 | .082 | .003 | 13,46   | 0,18 | 2,08 | 0,08 |
| -908                           | 1/2                | .644   | .009 | .087 | .003 | 16,36   | 0,23 | 2,21 | 0,08 |
| -909                           | 9/16               | .706   | .009 | .097 | .003 | 17,93   | 0,23 | 2,46 | 0,08 |
| -910                           | 5/8                | .755   | .009 | .097 | .003 | 19,18   | 0,23 | 2,46 | 0,08 |
| -911                           | 11/16              | .863   | .009 | .116 | .004 | 21,92   | 0,23 | 2,95 | 0,10 |
| -912                           | 3/4                | .924   | .009 | .116 | .004 | 23,47   | 0,23 | 2,95 | 0,10 |
| -913                           | 13/16              | .986   | .010 | .116 | .004 | 25,04   | 0,26 | 2,95 | 0,10 |
| -914                           | 7/8                | 1.047  | .010 | .116 | .004 | 26,59   | 0,26 | 2,95 | 0,10 |
| -916                           | 1                  | 1.171  | .010 | .116 | .004 | 29,74   | 0,26 | 2,95 | 0,10 |
| -918                           | 1- 1/8             | 1.355  | .012 | .116 | .004 | 34,42   | 0,30 | 2,95 | 0,10 |
| -920                           | 1- 1/4             | 1.475  | .014 | .118 | .004 | 37,47   | 0,36 | 3,00 | 0,10 |
| -924                           | 1- 1/2             | 1.720  | .014 | .118 | .004 | 43,69   | 0,36 | 3,00 | 0,10 |
| -928                           | 1- 3/4             | 2.090  | .018 | .118 | .004 | 53,09   | 0,46 | 3,00 | 0,10 |
| -932                           | 2                  | 2.337  | .018 | .118 | .004 | 59,36   | 0,46 | 3,00 | 0,10 |

These O-rings are intended for use with internal straight thread fluid connection bosses and tube fittings.

Ref. AND10049, AND10050, MS33656, MS33657, SAE straight thread O-ring boss and mating swivel and adjustable style fittings.

