

# BS O-RING SIZES

| BS Reference                                 | Alternative References | METRIC |         |        | IMPERIAL |         |       | IMPERIAL |         |
|--|------------------------|--------|---------|--------|----------|---------|-------|----------|---------|
|  |                        | ID     | Section | OD     | ID       | Section | OD    | ID       | OD      |
| BS 548                                       |                        | 129.40 | 1.78    | 132.96 | 5.094    | 0.07    | 5.235 | 5 1/8    | 5 1/4   |
| BS 050                                       |                        | 133.10 | 1.78    | 136.66 | 5.239    | 0.07    | 5.379 | 5 1/4    | 5 3/8   |
| BS 550                                       |                        | 135.76 | 1.78    | 139.32 | 5.345    | 0.07    | 5.485 | 5 3/8    | 5 1/2   |
| BS 551                                       |                        | 138.94 | 1.78    | 142.50 | 5.470    | 0.07    | 5.610 | 5 1/2    | 5 5/8   |
| BS 552                                       |                        | 142.11 | 1.78    | 145.67 | 5.595    | 0.07    | 5.735 | 5 5/8    | 5 3/4   |
| BS 553                                       |                        | 145.29 | 1.78    | 148.85 | 5.720    | 0.07    | 5.860 | 5 3/4    | 5 7/8   |
| BS 554                                       |                        | 148.46 | 1.78    | 152.02 | 5.845    | 0.07    | 5.985 | 5 7/8    | 6       |
| BS 555                                       |                        | 151.64 | 1.78    | 155.20 | 5.970    | 0.07    | 6.110 | 6        | 6 1/8   |
| BS 556                                       |                        | 154.81 | 1.78    | 158.37 | 6.095    | 0.07    | 6.235 | 6 1/8    | 6 1/4   |
| BS 557                                       |                        | 158.00 | 1.78    | 161.56 | 6.220    | 0.07    | 6.361 | 6 1/4    | 6 3/8   |
| BS 558                                       |                        | 161.16 | 1.78    | 164.72 | 6.345    | 0.07    | 6.485 | 6 3/8    | 6 1/2   |
| BS 559                                       |                        | 164.34 | 1.78    | 167.90 | 6.470    | 0.07    | 6.610 | 6 1/2    | 6 5/8   |
| BS 560                                       |                        | 167.51 | 1.78    | 171.07 | 6.595    | 0.07    | 6.735 | 6 5/8    | 6 3/4   |
| BS 561                                       |                        | 170.69 | 1.78    | 174.25 | 6.720    | 0.07    | 6.860 | 6 3/4    | 6 7/8   |
| BS 562                                       |                        | 173.87 | 1.78    | 177.43 | 6.845    | 0.07    | 6.985 | 6 7/8    | 7       |
| <b>CROSS SECTION 2.62mm / 3/32" / 0.103"</b> |                        | METRIC |         |        | IMPERIAL |         |       | IMPERIAL |         |
| BS Reference                                 | Alternative References | ID     | Section | OD     | ID       | Section | OD    | ID       | OD      |
| BS 102                                       |                        | 1.24   | 2.62    | 6.48   | 0.049    | 0.103   | 0.255 | 1/16     | 1/4     |
| BS 103                                       |                        | 1.24   | 2.62    | 6.48   | 0.081    | 0.103   | 0.287 | 3/32     | 9/32    |
| BS 104                                       |                        | 2.84   | 2.62    | 8.08   | 0.112    | 0.103   | 0.318 | 1/8      | 5/16    |
| BS 105                                       |                        | 3.63   | 2.62    | 8.87   | 0.143    | 0.103   | 0.349 | 5/32     | 11/32   |
| BS 106                                       |                        | 4.42   | 2.62    | 9.66   | 0.174    | 0.103   | 0.38  | 3/16     | 3/8     |
| BS 107                                       |                        | 5.23   | 2.62    | 10.47  | 0.206    | 0.103   | 0.412 | 7/32     | 13/32   |
| BS 108                                       |                        | 6.02   | 2.62    | 11.26  | 0.237    | 0.103   | 0.443 | 1/4      | 7/16    |
| BS 109                                       |                        | 7.60   | 2.62    | 12.84  | 0.299    | 0.103   | 0.505 | 5/16     | 1/2     |
| BS 110                                       | R2037 R111 OS8         | 9.19   | 2.62    | 14.43  | 0.362    | 0.103   | 0.568 | 3/8      | 9/16    |
| BS 613                                       | R112 BS 613            | 9.92   | 2.62    | 15.16  | 0.391    | 0.103   | 0.597 | 25/64    | 37/64   |
| BS 111                                       | R3043 R113 OS9         | 10.78  | 2.62    | 16.02  | 0.424    | 0.103   | 0.63  | 7/16     | 5/8     |
| BS 614                                       | R115 BS 614            | 11.91  | 2.62    | 17.15  | 0.469    | 0.103   | 0.675 | 15/32    | 21/32   |
| BS 112                                       | R3050 R116 OS10        | 12.37  | 2.62    | 17.61  | 0.487    | 0.103   | 0.693 | 1/2      | 11/16   |
| BS 807                                       |                        | 12.70  | 2.62    | 17.94  | 0.500    | 0.103   | 0.706 |          |         |
| BS 615                                       | R117 BS 615            | 13.10  | 2.62    | 18.34  | 0.516    | 0.103   | 0.722 | 33/64    | 45/64   |
| BS 113                                       | R3056 R118 OS11        | 13.95  | 2.62    | 19.19  | 0.549    | 0.103   | 0.755 | 9/16     | 3/4     |
| BS 616                                       | R119 BS 616            | 15.08  | 2.62    | 20.32  | 0.594    | 0.103   | 0.800 | 19/32    | 25/32   |
| BS 114                                       | R3062 R120 OS12        | 15.54  | 2.62    | 20.78  | 0.612    | 0.103   | 0.818 | 5/8      | 13/16   |
| BS 809                                       | R121                   | 15.88  | 2.62    | 21.12  | 0.625    | 0.103   | 0.831 |          |         |
| BS 115                                       | R3068 R122 OS13        | 17.13  | 2.62    | 22.37  | 0.674    | 0.103   | 0.88  | 11/16    | 7/8     |
| BS 810                                       |                        | 17.46  | 2.62    | 22.70  | 0.687    | 0.103   | 0.893 |          |         |
| BS 617                                       | R123 BS 617            | 17.86  | 2.62    | 23.10  | 0.703    | 0.103   | 0.909 |          |         |
| BS 116                                       | R3075 R124 OS14        | 18.72  | 2.62    | 23.96  | 0.737    | 0.103   | 0.943 | 3/4      | 15/16   |
| BS 117                                       | R3081 R127             | 20.29  | 2.62    | 25.53  | 0.799    | 0.103   | 1.005 | 13/16    | 1       |
| BS 812                                       | R128                   | 20.64  | 2.62    | 25.88  | 0.813    | 0.103   | 1.019 |          |         |
| BS 118                                       | R3087                  | 21.90  | 2.62    | 27.14  | 0.862    | 0.103   | 1.068 | 7/8      | 1 1/16  |
| BS 813                                       | R130                   | 22.23  | 2.62    | 27.47  | 0.875    | 0.103   | 1.081 |          |         |
| BS 119                                       | R3093                  | 23.47  | 2.62    | 28.71  | 0.924    | 0.103   | 1.13  | 15/16    | 1 1/8   |
| BS 814                                       | R132                   | 23.81  | 2.62    | 29.05  | 0.937    | 0.103   | 1.143 |          |         |
| BS 120                                       | R3100                  | 25.07  | 2.62    | 30.31  | 0.987    | 0.103   | 1.193 | 1        | 1 3/16  |
| BS 121                                       | R3106                  | 26.65  | 2.62    | 31.89  | 1.049    | 0.103   | 1.255 | 1 1/16   | 1 1/4   |
| BS 122                                       | R3112                  | 28.25  | 2.62    | 33.49  | 1.112    | 0.103   | 1.318 | 1 1/8    | 1 5/16  |
| BS 123                                       | R3118                  | 29.83  | 2.62    | 35.07  | 1.174    | 0.103   | 1.38  | 1 3/16   | 1 3/8   |
| BS 124                                       | R3125                  | 31.42  | 2.62    | 36.66  | 1.237    | 0.103   | 1.443 | 1 1/4    | 1 7/16  |
| BS 125                                       | R3131                  | 33.00  | 2.62    | 38.24  | 1.299    | 0.103   | 1.505 | 1 5/16   | 1 1/2   |
| BS 126                                       | R3137                  | 34.60  | 2.62    | 39.84  | 1.362    | 0.103   | 1.568 | 1 3/8    | 1 9/16  |
| BS 127                                       | R3143                  | 36.17  | 2.62    | 41.41  | 1.424    | 0.103   | 1.63  | 1 7/16   | 1 5/8   |
| BS 128                                       | R3150                  | 37.77  | 2.62    | 43.01  | 1.487    | 0.103   | 1.693 | 1 1/2    | 1 11/16 |
| BS 129                                       | R3156                  | 39.35  | 2.62    | 44.59  | 1.549    | 0.103   | 1.755 | 1 9/16   | 1 3/4   |
| BS 130                                       | R3162                  | 40.95  | 2.62    | 46.19  | 1.612    | 0.103   | 1.818 | 1 5/8    | 1 13/16 |
| BS 131                                       | R3168                  | 42.52  | 2.62    | 47.76  | 1.674    | 0.103   | 1.88  | 1 11/16  | 1 7/8   |
| BS 132                                       | R3175                  | 44.12  | 2.62    | 49.36  | 1.737    | 0.103   | 1.943 | 1 3/4    | 1 15/16 |
| BS 133                                       | R3181                  | 45.70  | 2.62    | 50.94  | 1.799    | 0.103   | 2.005 | 1 13/16  | 2       |
| BS 134                                       | R3187                  | 47.30  | 2.62    | 52.54  | 1.862    | 0.103   | 2.068 | 1 7/8    | 2 1/16  |
| BS 135                                       | R3193                  | 48.90  | 2.62    | 54.14  | 1.925    | 0.103   | 2.131 | 1 15/16  | 2 1/8   |
| BS 136                                       | R3200                  | 50.47  | 2.62    | 55.71  | 1.987    | 0.103   | 2.193 | 2        | 2 3/16  |
| BS 137                                       | R3206                  | 52.07  | 2.62    | 57.31  | 2.05     | 0.103   | 2.256 | 2 1/16   | 2 1/4   |
| BS 138                                       | R3212                  | 53.64  | 2.62    | 58.88  | 2.112    | 0.103   | 2.318 | 2 1/8    | 2 5/16  |
| BS 139                                       | R3218                  | 55.25  | 2.62    | 60.49  | 2.175    | 0.103   | 2.381 | 2 3/16   | 2 3/8   |
| BS 140                                       | R3225                  | 56.82  | 2.62    | 62.06  | 2.237    | 0.103   | 2.443 | 2 1/4    | 2 7/16  |
| BS 141                                       | R3231                  | 58.42  | 2.62    | 63.66  | 2.3      | 0.103   | 2.506 | 2 5/16   | 2 1/2   |
| BS 142                                       | R3237                  | 60.00  | 2.62    | 65.24  | 2.362    | 0.103   | 2.568 | 2 3/8    | 2 9/16  |
| BS 143                                       | R3243                  | 61.60  | 2.62    | 66.84  | 2.425    | 0.103   | 2.631 | 2 7/16   | 2 5/8   |
| BS 144                                       | R3250                  | 63.17  | 2.62    | 68.41  | 2.487    | 0.103   | 2.693 | 2 1/2    | 2 11/16 |