

### C900 , DR 14

| Nominal OD (In.) | Actual OD (In.) | OD Tolerance (In.) | Minimum Wall (In.) | 6% of Min. Wall (In.) | Avg. ID (In.) | Out of Roundness (In.) | Stat. Pack (In.) | Base ID (In.) | 7.5% Mandrel (In.) | 5.0% Mandrel (In.) |
|------------------|-----------------|--------------------|--------------------|-----------------------|---------------|------------------------|------------------|---------------|--------------------|--------------------|
| 4                | 4.800           | 0.009              | 0.343              | 0.02058               | 4.073         |                        |                  |               |                    |                    |
| 6                | 6.900           | 0.011              | 0.493              | 0.02958               | 5.855         | 0.150                  | 0.156112         | 5.699         | 5.27               | 5.41               |
| 8                | 9.050           | 0.012              | 0.646              | 0.03876               | 7.680         | 0.225                  | 0.231892         | 7.449         | 6.89               | 7.08               |
| 10               | 11.100          | 0.015              | 0.793              | 0.04758               | 9.419         | 0.300                  | 0.307819         | 9.111         | 8.43               | 8.66               |
| 12               | 13.200          | 0.018              | 0.943              | 0.05658               | 11.201        | 0.375                  | 0.383864         | 10.817        | 10.01              | 10.28              |

### C900 , DR 18

| Nominal OD (In.) | Actual OD (In.) | OD Tolerance (In.) | Minimum Wall (In.) | 6% of Min. Wall (In.) | Avg. ID (In.) | Out of Roundness (In.) | Stat. Pack (In.) | Base ID (In.) | 7.5% Mandrel (In.) | 5.0% Mandrel (In.) |
|------------------|-----------------|--------------------|--------------------|-----------------------|---------------|------------------------|------------------|---------------|--------------------|--------------------|
| 4                | 4.800           | 0.009              | 0.267              | 0.01602               | 4.234         |                        |                  |               |                    |                    |
| 6                | 6.900           | 0.011              | 0.383              | 0.02298               | 6.088         | 0.150                  | 0.153874         | 5.934         | 5.49               | 5.64               |
| 8                | 9.050           | 0.012              | 0.503              | 0.03018               | 7.984         | 0.225                  | 0.229327         | 7.754         | 7.17               | 7.37               |
| 10               | 11.100          | 0.015              | 0.617              | 0.03702               | 9.792         | 0.300                  | 0.304903         | 9.487         | 8.78               | 9.01               |
| 12               | 13.200          | 0.018              | 0.733              | 0.04398               | 11.646        | 0.375                  | 0.380549         | 11.265        | 10.42              | 10.70              |

### C900, DR 25

| Nominal OD (In.) | Actual OD (In.) | OD Tolerance (In.) | Minimum Wall (In.) | 6% of Min. Wall (In.) | Avg. ID (In.) | Out of Roundness (In.) | Stat. Pack (In.) | Base ID (In.) | 7.5% Mandrel (In.) | 5.0% Mandrel (In.) |
|------------------|-----------------|--------------------|--------------------|-----------------------|---------------|------------------------|------------------|---------------|--------------------|--------------------|
| 4                | 4.800           | 0.009              | 0.192              | 0.01152               | 4.393         |                        |                  |               |                    |                    |
| 6                | 6.900           | 0.011              | 0.276              | 0.01656               | 6.315         | 0.150                  | 0.152215         | 6.163         | 5.70               | 5.85               |
| 8                | 9.050           | 0.012              | 0.362              | 0.02172               | 8.283         | 0.225                  | 0.227404         | 8.055         | 7.45               | 7.65               |
| 10               | 11.100          | 0.015              | 0.444              | 0.02664               | 10.159        | 0.300                  | 0.302728         | 9.856         | 9.12               | 9.36               |
| 12               | 13.200          | 0.018              | 0.528              | 0.03168               | 12.081        | 0.375                  | 0.378096         | 11.703        | 10.82              | 11.12              |

## F679, PS46

| Nominal<br>OD<br>(In.) | Actual<br>OD<br>(In.) | OD<br>Tolerance<br>(In.) | Minimum<br>Wall<br>(In.) | 6% of<br>Min. Wall<br>(In.) | Avg.<br>ID<br>(In.) | Out of<br>Roundness<br>(In.) | Stat.<br>Pack<br>(In.) | Base<br>ID<br>(In.) | 7.5%<br>Mandrel<br>(In.) | 5.0%<br>Mandrel<br>(In.) |
|------------------------|-----------------------|--------------------------|--------------------------|-----------------------------|---------------------|------------------------------|------------------------|---------------------|--------------------------|--------------------------|
| 18                     | 18.701                | 0.028                    | 0.499                    | 0.02994                     | 17.643              | 0.587                        | 0.589191               | 17.054              | 15.77                    | 16.20                    |
| 21                     | 22.047                | 0.033                    | 0.588                    | 0.03528                     | 20.800              | 0.700                        | 0.702551               | 20.098              | 18.59                    | 19.09                    |
| 24                     | 24.803                | 0.037                    | 0.661                    | 0.03966                     | 23.402              | 0.812                        | 0.814775               | 22.587              | 20.89                    | 21.46                    |
| 27                     | 27.953                | 0.042                    | 0.745                    | 0.04470                     | 26.374              | 0.925                        | 0.928108               | 25.445              | 23.54                    | 24.17                    |
| 30                     | 31.496                | 0.047                    | 0.840                    | 0.05040                     | 29.715              | 1.038                        | 1.041007               | 28.674              | 26.52                    | 27.24                    |
| 30, CIOD               | 32.000                | 0.040                    | 0.853                    | 0.05118                     | 30.192              | 1.038                        | 1.040791               | 29.151              | 26.96                    | 27.69                    |
| 33                     | 35.433                | 0.053                    | 0.945                    | 0.05670                     | 33.430              | 1.150                        | 1.154010               | 32.276              | 29.85                    | 30.66                    |
| 36                     | 39.370                | 0.059                    | 1.050                    | 0.06300                     | 37.144              | 1.263                        | 1.267014               | 35.877              | 33.19                    | 34.08                    |
| 36, CIOD               | 38.300                | 0.050                    | 1.021                    | 0.06126                     | 36.135              | 1.263                        | 1.266456               | 34.869              | 32.25                    | 33.13                    |
| 42, CIOD               | 44.500                | 0.060                    | 1.187                    | 0.07122                     | 41.984              | 1.488                        | 1.492113               | 40.491              | 37.45                    | 38.47                    |
| 48, CIOD               | 50.800                | 0.075                    | 1.355                    | 0.08130                     | 47.927              | 1.713                        | 1.717993               | 46.209              | 42.74                    | 43.90                    |

## C905, DR 18 CIOD

| Nominal<br>OD<br>(In.) | Actual<br>OD<br>(In.) | OD<br>Tolerance<br>(In.) | Minimum<br>Wall<br>(In.) | 6% of<br>Min. Wall<br>(In.) | Avg.<br>ID<br>(In.) | Out of<br>Roundness<br>(In.) | Stat.<br>Pack<br>(In.) | Base<br>ID<br>(In.) | 7.5%<br>Mandrel<br>(In.) | 5.0%<br>Mandrel<br>(In.) |
|------------------------|-----------------------|--------------------------|--------------------------|-----------------------------|---------------------|------------------------------|------------------------|---------------------|--------------------------|--------------------------|
| 14                     | 15.300                | 0.028                    | 0.850                    | 0.05100                     | 13.498              | 0.441                        | 0.447735               | 13.050              | 12.07                    | 12.40                    |
| 16                     | 17.400                | 0.033                    | 0.967                    | 0.05802                     | 15.350              | 0.511                        | 0.518597               | 14.831              | 13.72                    | 14.09                    |
| 18                     | 19.500                | 0.037                    | 1.083                    | 0.06498                     | 17.204              | 0.587                        | 0.595301               | 16.609              | 15.36                    | 15.78                    |
| 20                     | 21.600                | 0.042                    | 1.200                    | 0.07200                     | 19.056              | 0.661                        | 0.670114               | 18.386              | 17.01                    | 17.47                    |
| 24                     | 25.800                | 0.047                    | 1.433                    | 0.08598                     | 22.762              | 0.812                        | 0.822398               | 21.940              | 20.29                    | 20.84                    |

## D3034, SDR 26

| Nominal<br>OD<br>(In.) | Actual<br>OD<br>(In.) | OD<br>Tolerance<br>(In.) | Minimum<br>Wall<br>(In.) | 6% of<br>Min. Wall<br>(In.) | Avg.<br>ID<br>(In.) | Out of<br>Roundness<br>(In.) | Stat.<br>Pack<br>(In.) | Base<br>ID<br>(In.) | 7.5%<br>Mandrel<br>(In.) | 5.0%<br>Mandrel<br>(In.) |
|------------------------|-----------------------|--------------------------|--------------------------|-----------------------------|---------------------|------------------------------|------------------------|---------------------|--------------------------|--------------------------|
| 4                      | 4.215                 | 0.009                    | 0.162                    | 0.00972                     | 3.872               |                              |                        |                     |                          |                          |
| 6                      | 6.275                 | 0.011                    | 0.241                    | 0.01446                     | 5.764               | 0.150                        | 0.151787               | 5.612               | 5.19                     | 5.33                     |
| 8                      | 8.400                 | 0.012                    | 0.323                    | 0.01938                     | 7.715               | 0.225                        | 0.226981               | 7.488               | 6.93                     | 7.11                     |
| 10                     | 10.500                | 0.015                    | 0.404                    | 0.02424                     | 9.644               | 0.300                        | 0.302325               | 9.341               | 8.64                     | 8.87                     |
| 12                     | 12.500                | 0.018                    | 0.481                    | 0.02886                     | 11.480              | 0.375                        | 0.377644               | 11.103              | 10.27                    | 10.55                    |
| 15                     | 15.300                | 0.023                    | 0.588                    | 0.03528                     | 14.053              | 0.475                        | 0.478167               | 13.575              | 12.56                    | 12.90                    |