

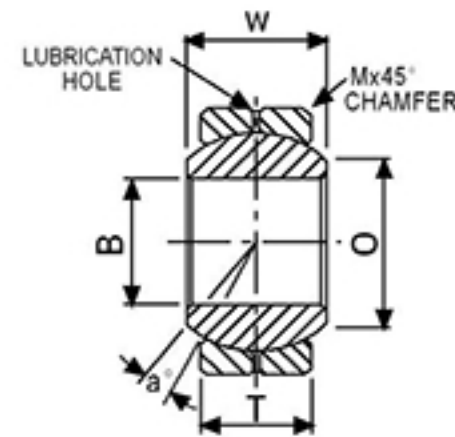
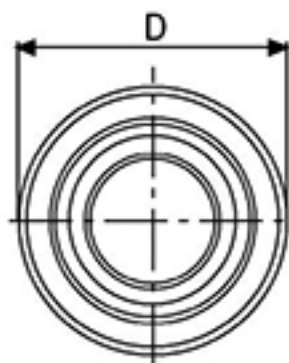
## SCOM & SCOM..T

### BALL

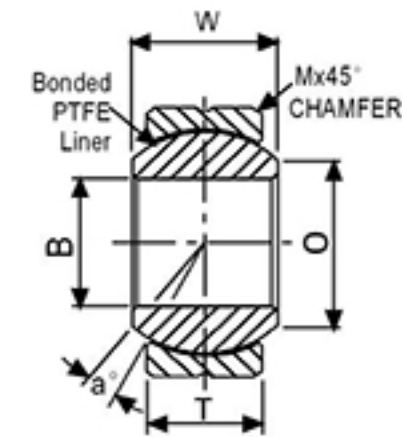
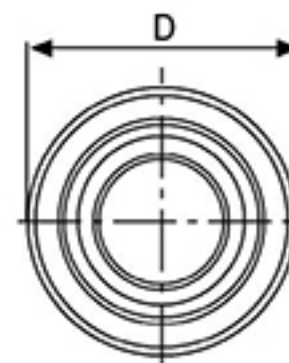
- 440C Stainless steel
- Heat treated
- Hard chrome plated
- Precision ground

### RACE

- 300 Series stainless steel
- PTFE lined (COM-SST)



SCOM



SCOM..T

| Bearing No.    |                       | DIMENSIONS IN INCHES  |            |            |                             |                     |                      |                          |                                    |                             |
|----------------|-----------------------|-----------------------|------------|------------|-----------------------------|---------------------|----------------------|--------------------------|------------------------------------|-----------------------------|
| Metal to Metal | B<br>+.0015<br>-.0005 | D<br>+.0000<br>-.0007 | T<br>±.005 | W<br>±.005 | O<br>Shoulder.<br>Dia. Ref. | M<br>Chamfer<br>Ref | Ball<br>Dia.<br>Ref. | Misaligh.<br>Angle<br>a° | Ult. Raidal<br>Static<br>Load Lbs. | Approx.<br>Brg. Wt.<br>Lbs. |
| SCOM2          | 0.1650                | 0.4687                | 0.187      | 0.250      | 0.235                       | 0.020               | 0.343                | 9.0                      | 3,200                              | 0.01                        |
| SCOM3          | 0.1900                | 0.5625                | 0.218      | 0.281      | 0.293                       | 0.020               | 0.406                | 11.0                     | 4,400                              | 0.01                        |
| SCOM4          | 0.2500                | 0.6562                | 0.250      | 0.343      | 0.364                       | 0.022               | 0.500                | 13.5                     | 6,700                              | 0.02                        |
| SCOM5          | 0.3125                | 0.7500                | 0.281      | 0.375      | 0.419                       | 0.032               | 0.562                | 12.0                     | 9,200                              | 0.03                        |
| SCOM6          | 0.3750                | 0.8125                | 0.312      | 0.406      | 0.516                       | 0.032               | 0.656                | 10.0                     | 12,400                             | 0.04                        |
| SCOM7          | 0.4375                | 0.9062                | 0.343      | 0.437      | 0.530                       | 0.032               | 0.718                | 8.0                      | 14,900                             | 0.05                        |
| SCOM8          | 0.5000                | 1.0000                | 0.390      | 0.500      | 0.640                       | 0.032               | 0.813                | 9.5                      | 17,900                             | 0.07                        |
| SCOM9          | 0.5625                | 1.0937                | 0.437      | 0.562      | 0.710                       | 0.032               | 0.906                | 9.5                      | 23,700                             | 0.09                        |
| SCOM10         | 0.6250                | 1.1875                | 0.500      | 0.625      | 0.780                       | 0.032               | 1.000                | 8.5                      | 32,000                             | 0.11                        |
| SCOM12         | 0.7500                | 1.4375                | 0.593      | 0.750      | 0.920                       | 0.044               | 1.187                | 9.0                      | 48,000                             | 0.20                        |
| SCOM14         | 0.8750                | 1.5625                | 0.703      | 0.875      | 0.980                       | 0.044               | 1.312                | 9.5                      | 69,000                             | 0.26                        |
| SCOM16         | 1.0000                | 1.7500                | 0.797      | 1.000      | 1.118                       | 0.044               | 1.500                | 10.0                     | 83,000                             | 0.39                        |

| Bearing No. |                       | DIMENSIONS IN INCHES  |            |            |                             |                     |                      |                          |                                    |                             |
|-------------|-----------------------|-----------------------|------------|------------|-----------------------------|---------------------|----------------------|--------------------------|------------------------------------|-----------------------------|
| PTFE Lined  | B<br>+.0015<br>-.0005 | D<br>+.0000<br>-.0007 | T<br>±.005 | W<br>±.005 | O<br>Shoulder.<br>Dia. Ref. | M<br>Chamfer<br>Ref | Ball<br>Dia.<br>Ref. | Misaligh.<br>Angle<br>a° | Ult. Raidal<br>Static<br>Load Lbs. | Approx.<br>Brg. Wt.<br>Lbs. |
| SCOM3T      | 0.1900                | 0.5625                | 0.218      | 0.281      | 0.293                       | 0.020               | 0.406                | 11.0                     | 4,400                              | 0.01                        |
| SCOM4T      | 0.2500                | 0.6562                | 0.250      | 0.343      | 0.364                       | 0.022               | 0.500                | 13.5                     | 6,700                              | 0.02                        |
| SCOM5T      | 0.3125                | 0.7500                | 0.281      | 0.375      | 0.419                       | 0.032               | 0.562                | 12.0                     | 9,200                              | 0.03                        |
| SCOM6T      | 0.3750                | 0.8125                | 0.312      | 0.406      | 0.516                       | 0.032               | 0.656                | 10.0                     | 12,400                             | 0.04                        |
| SCOM7T      | 0.4375                | 0.9062                | 0.343      | 0.437      | 0.530                       | 0.032               | 0.718                | 8.0                      | 14,900                             | 0.05                        |
| SCOM8T      | 0.5000                | 1.0000                | 0.390      | 0.500      | 0.640                       | 0.032               | 0.813                | 9.5                      | 17,900                             | 0.07                        |
| SCOM9T      | 0.5625                | 1.0937                | 0.437      | 0.562      | 0.710                       | 0.032               | 0.906                | 9.5                      | 23,700                             | 0.09                        |
| SCOM10T     | 0.6250                | 1.1875                | 0.500      | 0.625      | 0.780                       | 0.032               | 1.000                | 8.5                      | 32,000                             | 0.11                        |
| SCOM12T     | 0.7500                | 1.4375                | 0.593      | 0.750      | 0.920                       | 0.044               | 1.187                | 9.0                      | 48,000                             | 0.20                        |
| SCOM14T     | 0.8750                | 1.5625                | 0.703      | 0.875      | 0.980                       | 0.044               | 1.312                | 9.5                      | 69,000                             | 0.26                        |
| SCOM16T     | 1.0000                | 1.7500                | 0.797      | 1.000      | 1.118                       | 0.044               | 1.500                | 10.0                     | 83,000                             | 0.39                        |