



45° ELBOW METRIC MALE 24° CONE / BSP ADJUSTABLE ORING SEAL

**1CG4-OG**  
**1DG4-OG**

**1CG4-OGRNW**  
**1DG4-OGRNW**

| PART NO.      |                  | THREAD  |            | D1<br>TUBE O.D. | O-RING      | DIMENSIONS |      |      |    |    |    |
|---------------|------------------|---------|------------|-----------------|-------------|------------|------|------|----|----|----|
| BODY          | ASSEMBLY         | E       | F          |                 |             | l1         | L1   | L2   | S1 | S2 | S3 |
| L SERIES      |                  |         |            |                 |             |            |      |      |    |    |    |
| 1CG4-12-02OGZ | 1CG4-12-02OGRNWZ | M12X1.5 | G1/8"X28   | 6               | O7.97X1.88  | 10         | 25   | 24   | 11 | 14 | 14 |
| 1CG4-14-04OGZ | 1CG4-14-04OGRNWZ | M14X1.5 | G1/4"X19   | 8               | O111        | 11         | 26   | 27   | 14 | 17 | 19 |
| 1CG4-16-04OGZ | 1CG4-16-04OGRNWZ | M16X1.5 | G1/4"X19   | 10              | O111        | 12.3       | 27.3 | 27   | 16 | 19 | 19 |
| 1CG4-16-06OGZ | 1CG4-16-06OGRNWZ | M16X1.5 | G3/8"X19   | 10              | O113        | 12.3       | 27.3 | 30   | 16 | 19 | 22 |
| 1CG4-18-06OGZ | 1CG4-18-06OGRNWZ | M18X1.5 | G3/8"X19   | 12              | O113        | 13         | 28   | 31   | 19 | 22 | 22 |
| 1CG4-22-08OGZ | 1CG4-22-08OGRNWZ | M22X1.5 | G1/2"X14   | 15              | O17.86X2.62 | 15         | 30   | 36   | 22 | 27 | 27 |
| 1CG4-26-08OGZ | 1CG4-26-08OGRNWZ | M26X1.5 | G1/2"X14   | 18              | O17.86X2.62 | 16.5       | 33   | 37.5 | 27 | 32 | 27 |
| 1CG4-26-12OGZ | 1CG4-26-12OGRNWZ | M26X1.5 | G3/4"X14   | 18              | O119        | 16.5       | 33   | 42   | 27 | 32 | 32 |
| 1CG4-30-12OGZ | 1CG4-30-12OGRNWZ | M30X2   | G3/4"X14   | 22              | O119        | 19.7       | 36.2 | 42.5 | 30 | 36 | 32 |
| 1CG4-36-16OGZ | 1CG4-36-16OGRNWZ | M36X2   | G1"X11     | 28              | O217        | 21.5       | 38   | 44.5 | 36 | 41 | 41 |
| 1CG4-45-20OGZ | 1CG4-45-20OGRNWZ | M45X2   | G1.1/4"X11 | 35              | O222        | 25.5       | 47   | 50.5 | 48 | 50 | 50 |
| S SERIES      |                  |         |            |                 |             |            |      |      |    |    |    |
| 1DG4-14-04OGZ | 1DG4-14-04OGRNWZ | M14X1.5 | G1/4"X19   | 6               | O111        | 13         | 28   | 27   | 14 | 17 | 19 |
| 1DG4-16-04OGZ | 1DG4-16-04OGRNWZ | M16X1.5 | G1/4"X19   | 8               | O111        | 13.3       | 28.3 | 27   | 16 | 19 | 19 |
| 1DG4-18-06OGZ | 1DG4-18-06OGRNWZ | M18X1.5 | G3/8"X19   | 10              | O113        | 13.5       | 30   | 31   | 19 | 22 | 22 |
| 1DG4-20-06OGZ | 1DG4-20-06OGRNWZ | M20X1.5 | G3/8"X19   | 12              | O113        | 13.5       | 30   | 31   | 19 | 24 | 22 |
| 1DG4-22-08OGZ | 1DG4-22-08OGRNWZ | M22X1.5 | G1/2"X14   | 14              | O17.86X2.62 | 16.3       | 34.3 | 36   | 22 | 27 | 27 |
| 1DG4-24-08OGZ | 1DG4-24-08OGRNWZ | M24X1.5 | G1/2"X14   | 16              | O17.86X2.62 | 16.2       | 34.7 | 36.5 | 24 | 30 | 27 |
| 1DG4-30-12OGZ | 1DG4-30-12OGRNWZ | M30X2   | G3/4"X14   | 20              | O119        | 18.7       | 40.2 | 42.5 | 30 | 36 | 32 |
| 1DG4-36-16OGZ | 1DG4-36-16OGRNWZ | M36X2   | G1"X11     | 25              | O217        | 21         | 45   | 44.5 | 36 | 46 | 41 |
| 1DG4-42-20OGZ | 1DG4-42-20OGRNWZ | M42X2   | G1.1/4"X11 | 30              | O222        | 24.3       | 50.8 | 47.5 | 41 | 50 | 50 |

1. Material options for connector body, nut and the O-ring.

| Connector body and nut material | O-ring material | Part. No. suffix | Part No. example |
|---------------------------------|-----------------|------------------|------------------|
| Carbon steel (Default)          | NBR             | Z                | 1CG4-30-16OGZ    |
| 304 stainless steel             | Viton           | SR               | 1CG4-30-16OGSR   |
| 316L stainless steel            | Viton           | SV               | 1CG4-30-16OGSV   |
| 316Ti stainless steel           | Viton           | SY               | 1CG4-30-16OGSY   |

2. Plating options and performance for carbon steel connectors.

| Plating method         | Part. No. suffix | Part No. example | White rust (Hours) | Red rust (Hours) |
|------------------------|------------------|------------------|--------------------|------------------|
| Cr3+ plating (Default) | Z                | 1CG4-30-16OGZ    | 96                 | 360              |
| Durakote plating       | ZD               | 1CG4-30-16OGZD   | 360                | 720              |
| Zinc-nickel plating    | ZN               | 1CG4-30-16OGZN   | 1000               | -                |