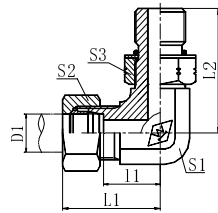
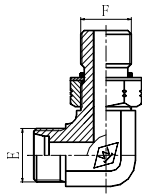


**ADAPTER**

90° ELBOW METRIC MALE 24° CONE / ADJUSTABLE O-RING BOSS

**1CO9-OG****1CO9-OGRNW****1DO9-OG****1DO9-OGRNW**

| PART NO.      |                  | THREAD  |            | D1<br>TUBE O.D. | O RING   | DIMENSIONS |      |      |    |    |    |
|---------------|------------------|---------|------------|-----------------|----------|------------|------|------|----|----|----|
| BODY          | ASSEMBLY         | E       | F          |                 |          | I1         | L1   | L2   | S1 | S2 | S3 |
| L SERIES      |                  |         |            |                 |          |            |      |      |    |    |    |
| 1CO9-12-04OGZ | 1CO9-12-04OGRNWZ | M12X1.5 | 7/16"X20   | 6               | O904 N90 | 13         | 28   | 27.2 | 11 | 14 | 17 |
| 1CO9-14-06OGZ | 1CO9-14-06OGRNWZ | M14X1.5 | 9/16"X18   | 8               | O906 N90 | 15.5       | 30.5 | 31.8 | 14 | 17 | 19 |
| 1CO9-16-06OGZ | 1CO9-16-06OGRNWZ | M16X1.5 | 9/16"X18   | 10              | O906 N90 | 17.5       | 32.5 | 33.3 | 16 | 19 | 19 |
| 1CO9-18-08OGZ | 1CO9-18-08OGRNWZ | M18X1.5 | 3/4"X16    | 12              | O908 N90 | 19         | 34   | 37.5 | 19 | 22 | 24 |
| 1CO9-22-10OGZ | 1CO9-22-10OGRNWZ | M22X1.5 | 7/8"X14    | 15              | O910 N90 | 22         | 37   | 44   | 22 | 27 | 27 |
| 1CO9-22-08OGZ | 1CO9-22-08OGRNWZ | M22X1.5 | 3/4"X16    | 15              | O908 N90 | 22         | 37   | 39.5 | 22 | 27 | 24 |
| 1CO9-26-12OGZ | 1CO9-26-12OGRNWZ | M26X1.5 | 1.1/16"X12 | 18              | O912 N90 | 25.5       | 42   | 51   | 27 | 32 | 32 |
| 1CO9-30-12OGZ | 1CO9-30-12OGRNWZ | M30X2   | 1.1/16"X12 | 22              | O912 N90 | 29.3       | 45.8 | 53.5 | 30 | 36 | 32 |
| 1CO9-36-12OGZ | 1CO9-36-12OGRNWZ | M36X2   | 1.1/16"X12 | 28              | O912 N90 | 33.5       | 47.8 | 57.5 | 36 | 41 | 41 |
| 1CO9-36-16OGZ | 1CO9-36-16OGRNWZ | M36X2   | 1.5/16"X12 | 28              | O916 N90 | 33.3       | 49.8 | 57.5 | 36 | 41 | 41 |
| 1CO9-45-20OGZ | 1CO9-45-20OGRNWZ | M45X2   | 1.5/8"X12  | 35              | O920 N90 | 39.2       | 60.7 | 63   | 48 | 50 | 50 |
| 1CO9-52-24OGZ | 1CO9-52-24OGRNWZ | M52X2   | 1.7/8"X12  | 42              | O924 N90 | 44.8       | 67.8 | 70.5 | 55 | 60 | 55 |
| S SERIES      |                  |         |            |                 |          |            |      |      |    |    |    |
| 1DO9-14-04OGZ | 1DO9-14-04OGRNWZ | M14X1.5 | 7/16"X20   | 6               | O904 N90 | 17.5       | 32.5 | 30   | 14 | 17 | 17 |
| 1DO9-16-06OGZ | 1DO9-16-06OGRNWZ | M16X1.5 | 9/16"X18   | 8               | O906 N90 | 18.7       | 33.7 | 33.3 | 16 | 19 | 19 |
| 1DO9-18-06OGZ | 1DO9-18-06OGRNWZ | M18X1.5 | 9/16"X18   | 10              | O906 N90 | 19.5       | 36   | 33.5 | 19 | 22 | 19 |
| 1DO9-18-08OGZ | 1DO9-18-08OGRNWZ | M18X1.5 | 3/4"X16    | 10              | O908 N90 | 19.5       | 36   | 37.5 | 19 | 22 | 24 |
| 1DO9-20-08OGZ | 1DO9-20-08OGRNWZ | M20X1.5 | 3/4"X16    | 12              | O908 N90 | 19.5       | 36   | 37.5 | 19 | 24 | 24 |
| 1DO9-22-10OGZ | 1DO9-22-10OGRNWZ | M22X1.5 | 7/8"X14    | 14              | O910 N90 | 23         | 41   | 44   | 22 | 27 | 27 |
| 1DO9-24-10OGZ | 1DO9-24-10OGRNWZ | M24X1.5 | 7/8"X14    | 16              | O910 N90 | 24         | 42.5 | 46.5 | 24 | 30 | 27 |
| 1DO9-30-12OGZ | 1DO9-30-12OGRNWZ | M30X2   | 1.1/16"X12 | 20              | O912 N90 | 28.3       | 49.8 | 53.5 | 30 | 36 | 32 |
| 1DO9-36-16OGZ | 1DO9-36-16OGRNWZ | M36X2   | 1.5/16"X12 | 25              | O916 N90 | 32.8       | 56.8 | 57.5 | 36 | 46 | 41 |
| 1DO9-42-20OGZ | 1DO9-42-20OGRNWZ | M42X2   | 1.5/8"X12  | 30              | O920 N90 | 36.2       | 62.7 | 59.5 | 41 | 50 | 50 |
| 1DO9-52-24OGZ | 1DO9-52-24OGRNWZ | M52X2   | 1.7/8"X12  | 38              | O924 N90 | 45.8       | 76.8 | 70.5 | 55 | 60 | 55 |

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                | 1CO9-22-08OGZ    |
| 304 stainless steel             | Viton           | SR               | 1CO9-22-08OGSR   |
| 316L stainless steel            | Viton           | SV               | 1CO9-22-08OGSV   |
| 316Ti stainless steel           | Viton           | SY               | 1CO9-22-08OGSY   |

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                | 1CO9-22-08OGZ    | 96                 | 360              |
| Durakote plating       | ZD               | 1CO9-22-08OGZD   | 360                | 720              |
| Zinc-nickel plating    | ZN               | 1CO9-22-08OGZN   | 1000               | -                |