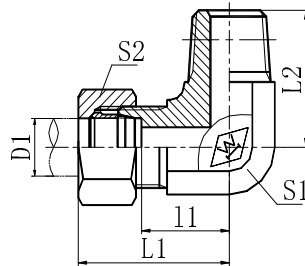
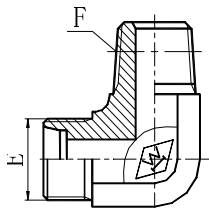


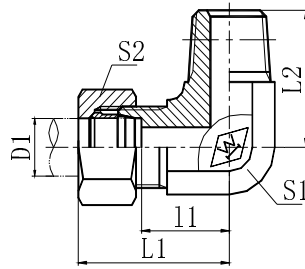
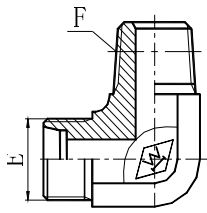
**ADAPTER**

90° METRIC MALE 24° CONE / NPT MALE

**1CN9****1CN9-RNW****1DN9****1DN9-RNW**

| PART NO.    |                | THREAD  |              | D1<br>TUBE O.D. | DIMENSIONS |      |      |    |    |
|-------------|----------------|---------|--------------|-----------------|------------|------|------|----|----|
| BODY        | ASSEMBLY       | E       | F            |                 | l1         | L1   | L2   | S1 | S2 |
| L SERIES    |                |         |              |                 |            |      |      |    |    |
| 1CN9-12-02Z | 1CN9-12-02RNWZ | M12X1.5 | Z1/8"X27     | 6               | 13         | 28   | 21   | 11 | 14 |
| 1CN9-12-04Z | 1CN9-12-04RNWZ | M12X1.5 | Z1/4"X18     | 6               | 15.5       | 30.5 | 25.5 | 14 | 14 |
| 1CN9-14-02Z | 1CN9-14-02RNWZ | M14X1.5 | Z1/8"X27     | 8               | 15.5       | 31.5 | 21   | 14 | 17 |
| 1CN9-14-04Z | 1CN9-14-04RNWZ | M14X1.5 | Z1/4"X18     | 8               | 15.5       | 31.5 | 25.5 | 14 | 17 |
| 1CN9-14-06Z | 1CN9-14-06RNWZ | M14X1.5 | Z3/8"X18     | 8               | 18         | 34   | 31   | 19 | 17 |
| 1CN9-16-02Z | 1CN9-16-02RNWZ | M16X1.5 | Z1/8"X27     | 10              | 17.5       | 33.5 | 25   | 16 | 19 |
| 1CN9-16-04Z | 1CN9-16-04RNWZ | M16X1.5 | Z1/4"X18     | 10              | 17.8       | 33.8 | 27   | 16 | 19 |
| 1CN9-16-06Z | 1CN9-16-06RNWZ | M16X1.5 | Z3/8"X18     | 10              | 19         | 35   | 28   | 19 | 19 |
| 1CN9-18-04Z | 1CN9-18-04RNWZ | M18X1.5 | Z1/4"X18     | 12              | 19         | 35   | 28   | 19 | 22 |
| 1CN9-18-06Z | 1CN9-18-06RNWZ | M18X1.5 | Z3/8"X18     | 12              | 19         | 35   | 28   | 19 | 22 |
| 1CN9-18-08Z | 1CN9-18-08RNWZ | M18X1.5 | Z1/2"X14     | 12              | 21         | 37   | 36.5 | 22 | 22 |
| 1CN9-22-06Z | 1CN9-22-06RNWZ | M22X1.5 | Z3/8"X18     | 15              | 22         | 38   | 32.5 | 22 | 27 |
| 1CN9-22-08Z | 1CN9-22-08RNWZ | M22X1.5 | Z1/2"X14     | 15              | 22         | 38   | 36.5 | 22 | 27 |
| 1CN9-22-12Z | 1CN9-22-12RNWZ | M22X1.5 | Z3/4"X14     | 15              | 25.5       | 41.5 | 44   | 27 | 27 |
| 1CN9-26-06Z | 1CN9-26-06RNWZ | M26X1.5 | Z3/8"X18     | 18              | 25.5       | 42   | 33.5 | 27 | 32 |
| 1CN9-26-08Z | 1CN9-26-08RNWZ | M26X1.5 | Z1/2"X14     | 18              | 25.5       | 42   | 40   | 27 | 32 |
| 1CN9-26-12Z | 1CN9-26-12RNWZ | M26X1.5 | Z3/4"X14     | 18              | 25.5       | 42   | 44   | 27 | 32 |
| 1CN9-30-08Z | 1CN9-30-08RNWZ | M30X2   | Z1/2"X14     | 22              | 29.3       | 45.8 | 41   | 30 | 36 |
| 1CN9-30-12Z | 1CN9-30-12RNWZ | M30X2   | Z3/4"X14     | 22              | 29.3       | 45.8 | 45   | 30 | 36 |
| 1CN9-30-16Z | 1CN9-30-16RNWZ | M30X2   | Z1"X11.5     | 22              | 32         | 48.5 | 50   | 33 | 36 |
| 1CN9-36-12Z | 1CN9-36-12RNWZ | M36X2   | Z3/4"X14     | 28              | 33         | 49.5 | 49   | 36 | 41 |
| 1CN9-36-16Z | 1CN9-36-16RNWZ | M36X2   | Z1"X11.5     | 28              | 33         | 49.5 | 51.5 | 36 | 41 |
| 1CN9-45-16Z | 1CN9-45-16RNWZ | M45X2   | Z1"X11.5     | 35              | 39         | 60.5 | 58.5 | 48 | 50 |
| 1CN9-45-20Z | 1CN9-45-20RNWZ | M45X2   | Z1.1/4"X11.5 | 35              | 39.5       | 60.5 | 58.5 | 48 | 50 |
| 1CN9-52-20Z | 1CN9-52-20RNWZ | M52X2   | Z1.1/4"X11.5 | 42              | 40.5       | 63.5 | 60.5 | 50 | 60 |
| 1CN9-52-24Z | 1CN9-52-24RNWZ | M52X2   | Z1.1/2"X11.5 | 42              | 40.5       | 63.5 | 61   | 50 | 60 |
| 1CN9-52-32Z | 1CN9-52-32RNWZ | M52X2   | Z2"X11.5     | 42              | 46         | 69   | 64.9 | 63 | 60 |
| S SERIES    |                |         |              |                 |            |      |      |    |    |
| 1DN9-14-04Z | 1DN9-14-04RNWZ | M14X1.5 | Z1/4"X18     | 6               | 17.5       | 32.5 | 25.5 | 14 | 17 |
| 1DN9-16-04Z | 1DN9-16-04RNWZ | M16X1.5 | Z1/4"X18     | 8               | 18.5       | 33.5 | 26.5 | 16 | 19 |
| 1DN9-16-06Z | 1DN9-16-06RNWZ | M16X1.5 | Z3/8"X18     | 8               | 20         | 36   | 28   | 19 | 19 |
| 1DN9-18-04Z | 1DN9-18-04RNWZ | M18X1.5 | Z1/4"X18     | 10              | 19.5       | 36   | 27.5 | 19 | 22 |

## ADAPTER



90° METRIC MALE 24° CONE / NPT MALE

**1CN9****1CN9-RNW****1DN9****1DN9-RNW**

|             |                |         |              |    |      |      |      |    |    |
|-------------|----------------|---------|--------------|----|------|------|------|----|----|
| 1DN9-18-06Z | 1DN9-18-06RNWZ | M18X1.5 | Z3/8"X18     | 10 | 19.5 | 36   | 28   | 19 | 22 |
| 1DN9-20-04Z | 1DN9-20-04RNWZ | M20X1.5 | Z1/4"X18     | 12 | 19.5 | 36   | 28   | 19 | 24 |
| 1DN9-20-06Z | 1DN9-20-06RNWZ | M20X1.5 | Z3/8"X18     | 12 | 19.5 | 36   | 28   | 19 | 24 |
| 1DN9-20-08Z | 1DN9-20-08RNWZ | M20X1.5 | Z1/2"X14     | 12 | 21.5 | 38   | 34.8 | 22 | 24 |
| 1DN9-20-12Z | 1DN9-20-12RNWZ | M20X1.5 | Z3/4"X14     | 12 | 24.5 | 41   | 38.3 | 27 | 24 |
| 1DN9-22-06Z | 1DN9-22-06RNWZ | M22X1.5 | Z3/8"X18     | 14 | 23   | 41   | 30   | 22 | 27 |
| 1DN9-22-08Z | 1DN9-22-08RNWZ | M22X1.5 | Z1/2"X14     | 14 | 23   | 41   | 36.5 | 22 | 27 |
| 1DN9-24-06Z | 1DN9-24-06RNWZ | M24X1.5 | Z3/8"X18     | 16 | 24   | 42.5 | 31   | 24 | 30 |
| 1DN9-24-08Z | 1DN9-24-08RNWZ | M24X1.5 | Z1/2"X14     | 16 | 24   | 42.5 | 37.5 | 24 | 30 |
| 1DN9-24-12Z | 1DN9-24-12RNWZ | M24X1.5 | Z3/4"X14     | 16 | 33   | 51.5 | 38.3 | 27 | 30 |
| 1DN9-30-08Z | 1DN9-30-08RNWZ | M30X2   | Z1/2"X14     | 20 | 28   | 48.5 | 41   | 30 | 36 |
| 1DN9-30-12Z | 1DN9-30-12RNWZ | M30X2   | Z3/4"X14     | 20 | 28   | 48.5 | 45   | 30 | 36 |
| 1DN9-36-12Z | 1DN9-36-12RNWZ | M36X2   | Z3/4"X14     | 25 | 32.5 | 55.5 | 49   | 36 | 46 |
| 1DN9-36-16Z | 1DN9-36-16RNWZ | M36X2   | Z1"X11.5     | 25 | 32.5 | 55.5 | 51.5 | 36 | 46 |
| 1DN9-42-16Z | 1DN9-42-16RNWZ | M42X2   | Z1"X11.5     | 30 | 36   | 62.5 | 54.5 | 41 | 50 |
| 1DN9-42-20Z | 1DN9-42-20RNWZ | M42X2   | Z1.1/4"X11.5 | 30 | 36   | 62.5 | 54.5 | 41 | 50 |
| 1DN9-52-20Z | 1DN9-52-20RNWZ | M52X2   | Z1.1/4"X11.5 | 38 | 41   | 72   | 60.5 | 50 | 60 |
| 1DN9-52-24Z | 1DN9-52-24RNWZ | M52X2   | Z1.1/2"X11.5 | 38 | 41.5 | 72.5 | 61   | 50 | 60 |

### 1. Material options for connector body and nut.

| Connector body and nut material | Part. No. suffix | Part No. example |
|---------------------------------|------------------|------------------|
| Carbon steel (Default)          | Z                | 1CN9-36-16Z      |
| 304 stainless steel             | SR               | 1CN9-36-16SR     |
| 316L stainless steel            | SV               | 1CN9-36-16SV     |
| 316Ti stainless steel           | SY               | 1CN9-36-16SY     |

### 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                | 1CN9-36-16Z      | 96                 | 360              |
| Durakote plating       | ZD               | 1CN9-36-16ZD     | 360                | 720              |
| Zinc-nickel plating    | ZN               | 1CN9-36-16ZN     | 1000               | -                |