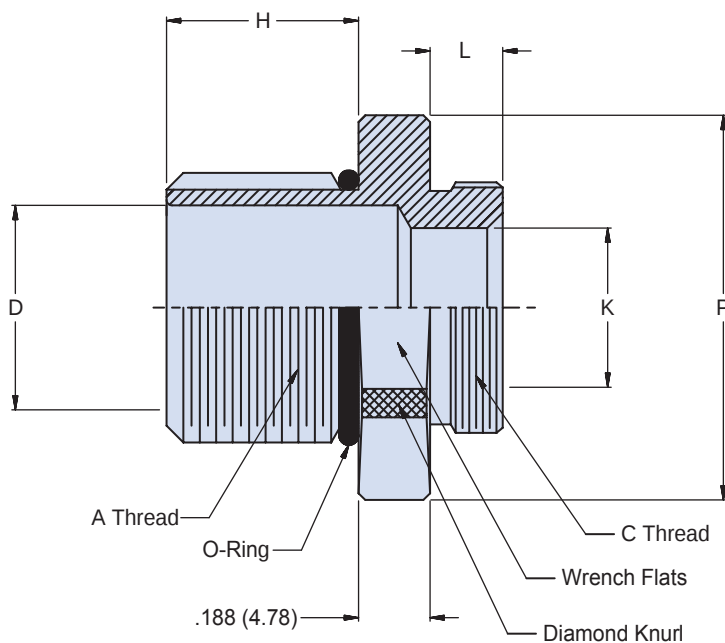
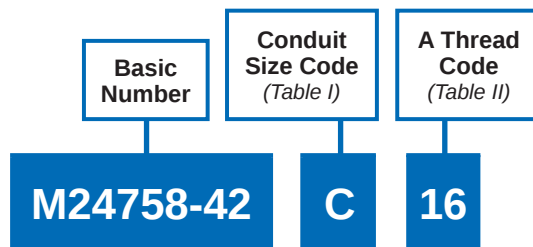


# MIL-PRF-24758-42

## Straight Adapter for Metric Thread

A



### APPLICATION NOTES

1. Assembly identified with manufacturer's code identification number (Glenair, part number and classification code 490).
2. The M24758-42 adapter couples M25758-2, M24758-3 or M24758-4 series fittings.
3. Material / Finish:  
Adapter - 316L SST/Electroless nickel matte finish.  
O-Ring - Silicone rubber/NA
4. Metric dimensions (mm) are indicated in parentheses.

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## Straight Adapter for Metric Thread



MIL-PRF  
24758A

A

TABLE I: CONDUIT SIZE CODE

| CONDUIT<br>SIZE<br>CODE | C<br>CLASS 2A<br>THREAD | L<br>+.030 (0.76)<br>- .000 | K<br>DIA<br>MIN |
|-------------------------|-------------------------|-----------------------------|-----------------|
| A                       | .438-28 UNEF            | .210 (5.33)                 | .245 (6.22)     |
| B                       | .688-28 UNEF            | .250 (6.35)                 | .495 (12.57)    |
| C                       | .938-20 UNEF            | .310 (7.87)                 | .745 (18.92)    |
| D                       | 1.250-18 UNEF           | .370 (9.40)                 | .995 (24.88)    |
| E                       | 1.563-18 UNEF           | .370 (9.40)                 | 1.245 (31.62)   |
| F                       | 1.875-16 UNEF           | .430 (10.92)                | 1.495 (37.97)   |
| G                       | 2.375-16 UNEF           | .430 (10.92)                | 1.995 (50.67)   |
| H                       | 2.875-16 UNEF           | .430 (10.92)                | 2.495 (63.37)   |
| J                       | .563-24 UNEF            | .250 (6.35)                 | .370 (9.40)     |
| K                       | .813-20 UNEF            | .310 (7.87)                 | .620 (15.75)    |
| L                       | 3.375-16 UNEF           | .430 (10.92)                | 2.995 (76.07)   |

TABLE II: THREAD SIZE CODE AND DIMENSIONS

| THREAD<br>SIZE<br>CODE | A<br>THREAD  | D<br>DIA      | H<br>DIM    | P<br>DIM<br>MAX | CONDUIT<br>SIZE |
|------------------------|--------------|---------------|-------------|-----------------|-----------------|
| 12                     | M12 X 1.5 6g | .281 (7.14)   | .295 (7.49) | .880 (22.35)    | .245 (6.22)     |
| 16                     | M16 X 1.5 6g | .438 (11.13)  | .295 (7.49) | 1.000 (25.40)   | .245 (6.22)     |
| 20                     | M20 X 1.5 6g | .594 (15.09)  | .295 (7.49) | 1.250 (31.75)   | .245 (6.22)     |
| 25                     | M25 X 1.5 6g | .781 (19.84)  | .295 (7.49) | 1.630 (41.40)   | .245 (6.22)     |
| 32                     | M32 X 1.5 6g | 1.000 (25.40) | .295 (7.49) | 2.000 (50.80)   | .245 (6.22)     |
| 40                     | M40 X 1.5 6g | 1.375 (34.93) | .295 (7.49) | 2.440 (61.98)   | .245 (6.22)     |
| 50                     | M50 X 1.5 6g | 1.750 (44.45) | .295 (7.49) | 3.000 (76.20)   | .245 (6.22)     |
| 63                     | M63 X 1.5 6g | 2.250 (57.15) | .295 (7.49) | 3.560 (90.42)   | .245 (6.22)     |