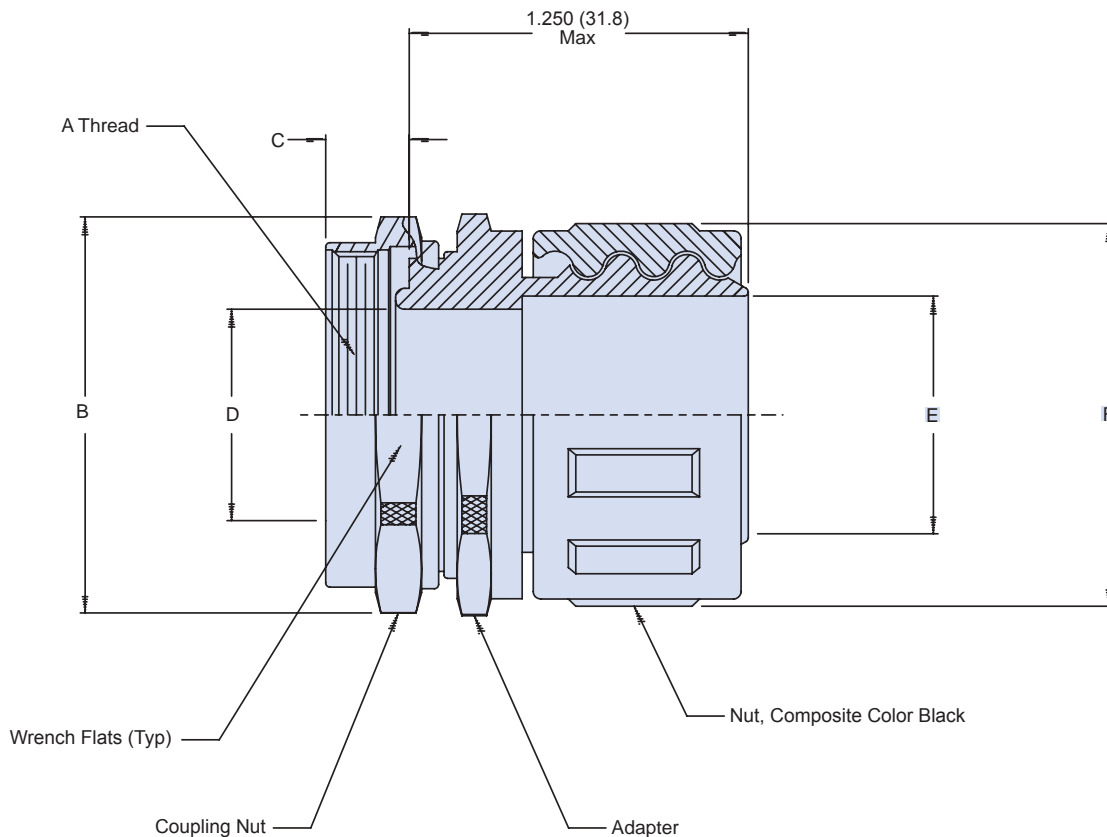
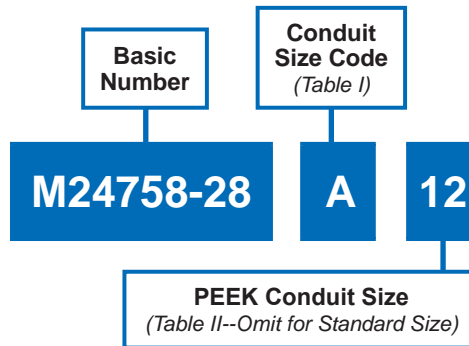


A



### APPLICATION NOTES

1. Assembly identified with manufacturer's code identification number (Glenair, part number and classification code 490).
2. The function of the M24758-28 fitting is to terminate A-A-59827 PEEK conduit and to provide a standard thread for attaching M24758-15 and -25 fittings.
3. Material / Finish:  
Adapter, coupling nut - 316 / electroless nickel, matte finish  
Conduit nut - Ultem 7301, black
4. Metric dimensions (mm) are indicated in parentheses.

**MIL-PRF-24758-28**  
**Straight Conduit Fitting to PEEK Conduit**



MIL-PRF  
24758A

**A**

**TABLE I: CONDUIT SIZE CODE**

CONDUIT SIZE CODE	A CLASS - 2B THREAD	B MAX DIA	C +00 -03 (0.8)	D MIN DIA	STANDARD SIZE CONDUIT
A	.438-28 UNEF	.880 (22.4)	.205 (5.2)	.245 (6.2)	09
B	.688-24 UNEF	1.130 (28.7)	.245 (6.2)	.495 (12.6)	12
C	.938-20 UNEF	1.380 (35.1)	.305 (7.7)	.745 (18.9)	24
D	1.250-18 UNEF	1.690 (42.9)	.365 (9.3)	.995 (25.3)	32
E	1.563-18 UNEF	2.000 (50.8)	.365 (9.3)	1.245 (31.6)	40
F	1.875-16 UN	2.310 (58.7)	.425 (10.8)	1.495 (38.0)	48
G	2.375-16 UN	2.940 (74.7)	.425 (10.8)	1.995 (50.7)	64
H	2.875-16 UN	3.440 (87.4)	.425 (10.8)	2.495 (63.4)	N/A
J	.563-24 UNEF	.940 (23.9)	.245 (6.2)	.370 (9.4)	16
K	.813-20 UNEF	1.190 (30.2)	.305 (7.7)	.620 (15.7)	20
L	3.375-16 UN	3.940 (100.1)	.425 (10.8)	2.995 (76.1)	N/A

**TABLE II: PEEK CONDUIT SIZE**

PEEK CONDUIT SIZE CODE	E	F MAX
09	.210 (5.3)	.640 (16.3)
12	.320 (8.1)	.760 (19.3)
14	.360 (9.1)	.830 (21.1)
16	.420 (10.7)	.890 (22.6)
20	.550 (14.0)	1.020 (25.9)
24	.680 (17.3)	1.200 (30.5)
28	.790 (20.1)	1.300 (33.0)
32	.910 (23.1)	1.390 (35.3)
40	1.160 (29.5)	1.730 (43.9)
48	1.410 (35.8)	1.970 (50.0)