

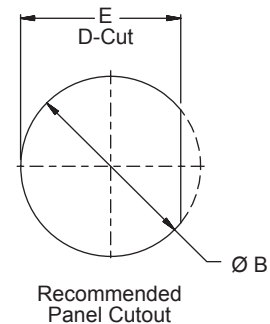
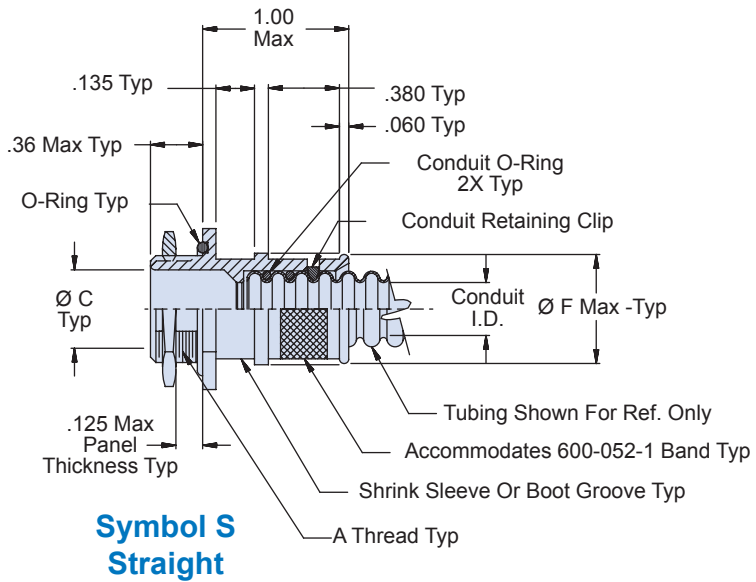
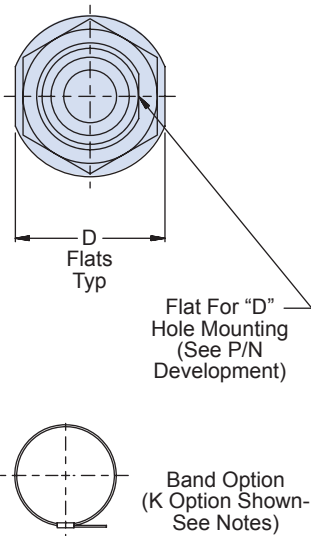
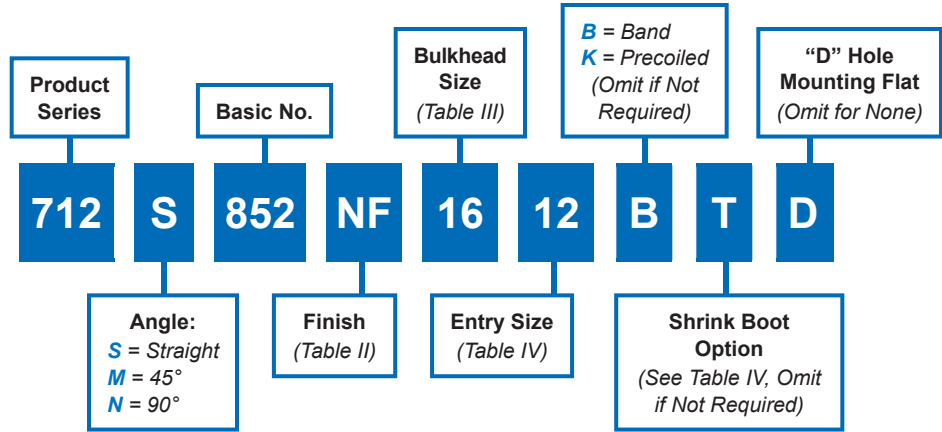
712-852
Guardian System - Metal
Convoluted Tubing to Bulkhead Feed-Thru Fitting
for Series 72 Annular Convoluted Tubing

Metal Guardian System bulkhead feed-thru fitting, EMI/RFI environmental

B



How To Order



Material and Finish

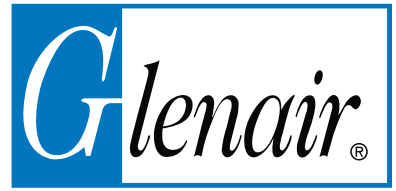
- Adapters, elbows: See Table II
- O-Rings: Silicone/NA
- Retaining Clip: High Grade Engineering Thermoplastic/NA

Notes

- Conduit retaining clip and O-Ring to be supplied unassembled.
- Glenair assembly procedure is recommended for adapter to conduit termination. See Guardian assembly procedure at the end of this section

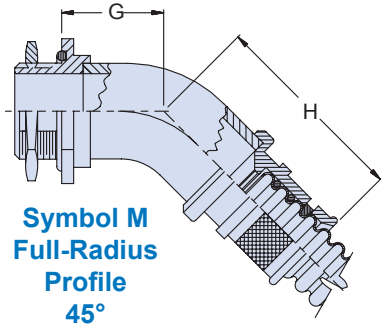
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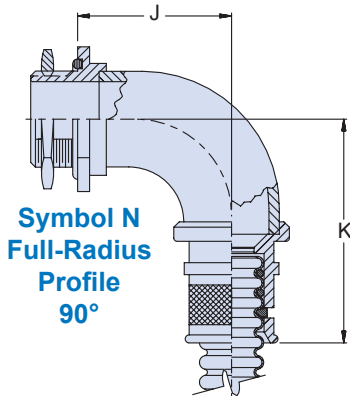


Series 72
Annular Tubing

B



Symbol M
Full-Radius
Profile
45°



Symbol N
Full-Radius
Profile
90°

Table III: Bulkhead Size/Dimensions

Bulkhead Size	A Thread Class 2A	Ø B +.015 -0.000	Ø C	D Flats	E +.010 -0.000	Max Entry Size
06	3/8-32 UNEF	0.380 (9.7)	0.188 (4.8)	0.625 (15.9)	0.323 (8.2)	09
08	7/16-28 UNEF	0.443 (11.3)	0.250 (6.4)	0.688 (17.5)	0.385 (9.8)	12
09	1/2-20 UNF	0.505 (12.8)	0.281 (7.1)	0.750 (19.1)	0.448 (11.4)	12
10	1/2-20 UNF	0.505 (12.8)	0.312 (7.9)	0.750 (19.1)	0.448 (11.4)	12
12	9/16-24 UNEF	0.568 (14.4)	0.375 (9.5)	0.812 (20.6)	0.510 (13.0)	16
14	5/8-24 UNEF	0.630 (16.0)	0.438 (11.1)	0.875 (22.2)	0.573 (14.6)	16
16	11/16-24 UNEF	0.693 (17.6)	0.500 (12.7)	0.937 (23.8)	0.635 (16.1)	20
20	13/16-20 UNEF	0.818 (20.8)	0.625 (15.9)	1.062 (27.0)	0.760 (19.3)	20
24	15/16-20 UNEF	0.943 (24.0)	0.750 (19.1)	1.250 (31.8)	0.885 (22.5)	24
28	1 1/16-18 UNEF	1.068 (27.1)	0.875 (22.2)	1.375 (34.9)	1.010 (25.7)	32
32	1 3/16-18 UNEF	1.193 (30.3)	1.000 (25.4)	1.562 (39.7)	1.135 (28.8)	32
36	1 3/8-18 UNEF	1.380 (35.1)	1.125 (28.6)	1.687 (42.9)	1.323 (33.6)	36
40	1 7/16-18 UNEF	1.443 (36.7)	1.250 (31.8)	1.875 (47.6)	1.385 (35.2)	40
48	1 3/4-18 UNS	1.755 (44.6)	1.500 (38.1)	1.688 (42.9)	1.698 (43.1)	48
52	1 7/8-18 UNS	1.880 (47.8)	1.625 (41.3)	2.250 (57.2)	1.823 (46.3)	52
56	1 15/16-16 UN	1.943 (49.4)	1.750 (44.4)	2.313 (58.8)	1.905 (48.4)	56

Table II: Finish

Sym	Material	Finish Description
C	Aluminum	Anodize, Black (Non-conductive)
M		Electroless Nickel
MT		Nickel-PTFE
NF		Cad/Olive Drab over Electroless Nickel
UCR		Zinc Cobalt/Black
ZN		Zinc Nickel/Olive Drab over Electroless Nickel
ZNU		Zinc Nickel/Black over Electroless Nickel
Z1	Stainless Steel	Passivate
ZM		Electroless Nickel
ZMT		Nickel-PTFE
ZW		CAD O.D. over Electroless Nickel

Table IV: Entry Size/Dimensions/Shrink Boot

Entry Size	Ø F Max	Conduit I.D.		G Max	H Max	J Max	K Max	Shrink Boot Ref
		Min	Max					
06	.53 (13.5)	.16 (4.1)	.19 (4.8)	.50 (12.7)	1.02 (25.9)	.68 (17.3)	1.20 (30.5)	770-001S103
09	.63 (16.0)	.24 (6.1)	.28 (7.1)	.53 (13.5)	1.04 (26.4)	.75 (19.1)	1.26 (32.0)	770-001S103
12	.73 (18.5)	.33 (8.4)	.37 (9.4)	.53 (13.5)	1.04 (26.4)	.75 (19.1)	1.26 (32.0)	770-001S104
16	.86 (21.8)	.45 (11.4)	.50 (12.7)	.55 (14.0)	1.07 (27.2)	.87 (20.6)	1.39 (33.8)	770-001S104
20	.98 (24.9)	.57 (14.5)	.62 (15.7)	.61 (15.5)	1.12 (28.4)	.93 (23.6)	1.45 (36.8)	770-001S105
24	1.15 (29.2)	.69 (17.5)	.75 (19.1)	.63 (16.0)	1.15 (29.2)	1.00 (25.4)	1.51 (38.4)	770-001S106
28	1.27 (32.3)	.81 (20.6)	.87 (22.1)	.68 (17.3)	1.20 (30.5)	1.12 (28.4)	1.64 (41.7)	770-001S107
32	1.40 (35.6)	.93 (23.6)	1.00 (25.4)	.71 (18.0)	1.22 (31.0)	1.18 (30.0)	1.70 (43.2)	770-001S107
36	1.53 (38.9)	1.07 (27.2)	1.13 (28.7)	.75 (19.0)	1.26 (32.0)	1.29 (32.8)	1.81 (46.0)	770-001S107
40	1.62 (41.1)	1.18 (30.0)	1.25 (31.8)	.76 (19.3)	1.28 (32.5)	1.31 (33.3)	1.83 (46.5)	770-001S107
48	1.98 (50.3)	1.45 (36.8)	1.50 (38.1)	.79 (20.1)	1.31 (33.3)	1.42 (36.1)	1.94 (49.3)	770-001S108
52	2.07 (52.6)	1.58 (40.1)	1.63 (41.4)	.81 (20.6)	1.33 (33.8)	1.44 (36.6)	1.96 (49.8)	770-001S108
56	2.14 (54.4)	1.70 (43.2)	1.75 (44.4)	.86 (21.8)	1.38 (35.1)	1.57 (39.9)	2.09 (53.1)	770-001S108