

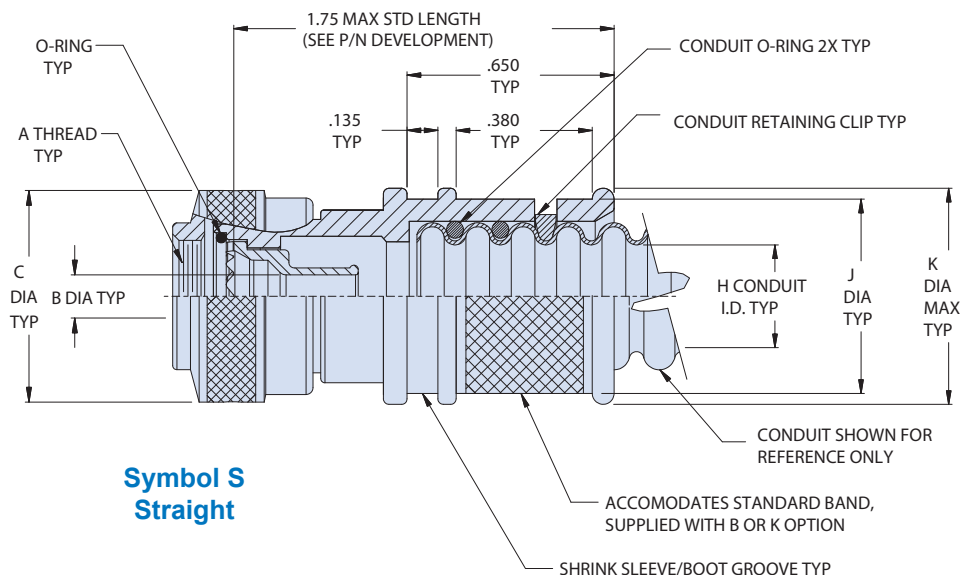
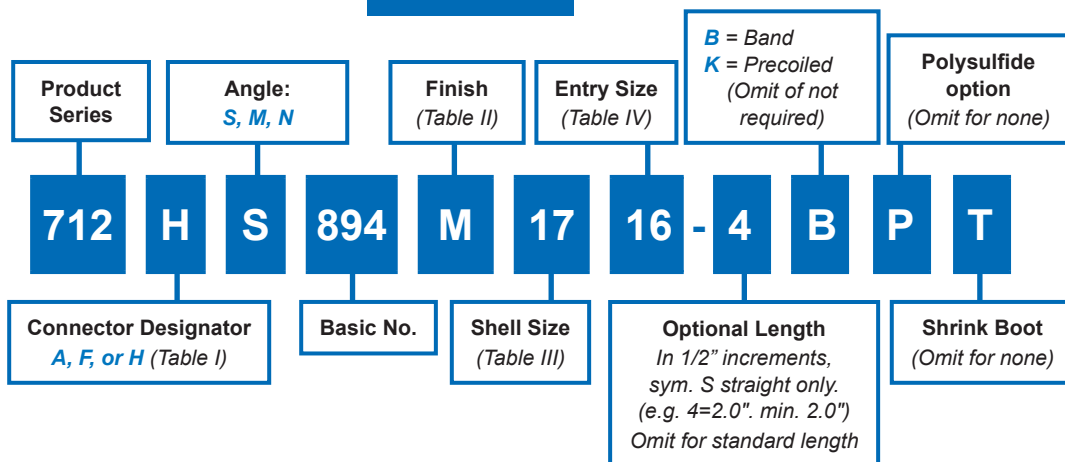


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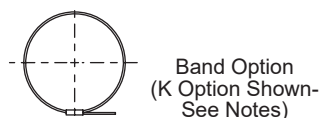
Guardian System - Metal Convuluted Tubing to Connector Backshell for Series 72 Annular Convuluted Tubing

Metal Guardian System universal convuluted tubing to connector and adapter backshell, self locking, EMI/RFI environmental with Drop-In Follower

How To Order



**Symbol S
Straight**



Material and Finish

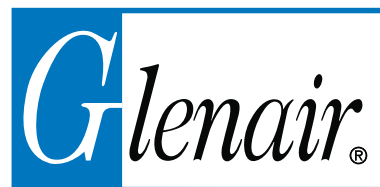
- Adapters, elbows, coupling nut: See Table II
- O-Rings: Silicone/NA
- Retaining clip: High grade engineering thermoplastic/NA
- Anti-decoupling device: Corrosion resistant material

Tools and Assembly notes

- Conduit retaining clip and conduit 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
- Assembly supplied with Band-Master ATS Micro-Band for shield termination onto the Drop-In follower. Options B and K are for an additional band to terminate the overall shielding.

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Guardian System - Metal Convuluted Tubing to Connector Backshell for Series 72 Annular Convuluted Tubing

Series 72
Annular Tubing

B

Table III: Connector Designators/Dimensions

Connector Designator A		Connector Designator F		Connector Designator H		ØB			ØC
Shell Size	A Thread Class 2B	Shell Size	A Thread Class 2B	Shell Size	A Thread Iso Metric	A	F	H	
08	1/2-20 UNF	08	7/16-28 UNEF	09	M12 X 1.0-6H	0.160 (4.1)	0.138 (3.5)	0.160 (4.1)	0.94 (23.9)
10	5/8-24 UNEF	10	9/16-24 UNEF	11	M15 X 1.0-6H	0.270 (6.9)	0.248 (6.3)	0.270 (6.9)	1.06 (26.9)
12	3/4-20 UNEF	12	11/16-24 UNEF	13	M18 X 1.0-6H	0.390 (9.9)	0.374 (9.5)	0.390 (9.9)	1.17 (29.7)
14	7/8-20 UNEF	14	13/16-20 UNEF	15	M22 X 1.0-6H	0.512 (13.0)	0.455 (11.6)	0.512 (13.0)	1.29 (32.8)
16	1-20 UNEF	16	15/16-20 UNEF	17	M25 X 1.0-6H	0.610 (15.5)	0.577 (14.7)	0.627 (15.9)	1.42 (36.1)
18	1 1/16-18 UNEF	18	1 1/16-18 UNEF	19	M28 X 1.0-6H	0.672 (17.1)	0.672 (17.1)	0.747 (19.0)	1.54 (39.1)
20	1 3/16-18 UNEF	20	1 3/16-18 UNEF	21	M31 X 1.0-6H	0.797 (20.2)	0.797 (20.2)	0.891 (22.6)	1.67 (42.4)
22	1 5/16-18 UNEF	22	1 5/16-18 UNEF	23	M34 X 1.0-6H	0.922 (23.4)	0.922 (23.4)	0.996 (25.3)	2.01 (51.1)
24	1 7/16-18 UNEF	24	1 7/16-18 UNEF	25	M37 X 1.0-6H	1.047 (26.6)	1.047 (26.6)	1.121 (28.5)	2.12 (53.8)

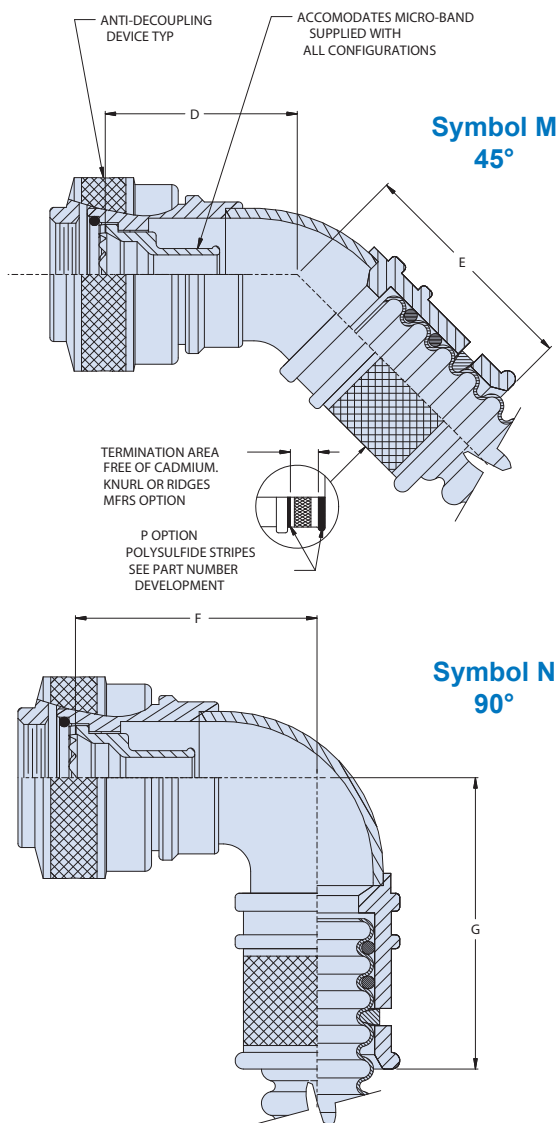


Table III: Shell Size/Dimensions

Shell Size		D Max	E Max	F Max	G Max
A, F	H				
08	09	1.000 (25.4)	1.220 (31.0)	1.158 (29.4)	1.380 (35.1)
10	11	1.027 (26.1)	1.230 (31.2)	1.220 (31.0)	1.420 (36.1)
12	13	1.027 (26.1)	1.230 (31.2)	1.220 (31.0)	1.420 (36.1)
14	15	1.079 (27.4)	1.260 (32.0)	1.283 (32.6)	1.460 (37.1)
16	17	1.105 (28.1)	1.260 (32.0)	1.345 (34.2)	1.500 (38.1)
18	19	1.157 (29.4)	1.310 (33.3)	1.408 (35.8)	1.560 (39.6)
20	21	1.183 (30.0)	1.360 (34.5)	1.470 (37.3)	1.640 (41.7)
22	23	1.208 (30.7)	1.400 (35.6)	1.533 (38.9)	1.730 (43.9)
24	25	1.234 (31.3)	1.450 (36.8)	1.595 (40.5)	1.810 (46.0)

Table IV: Entry Code/Dimensions/Shrink Boot

Entry Code	H Conduit I.D.		ØJ	ØK Max	T Shrink Boot
	Min	Max			
06	.16 (4.1)	.19 (4.8)	0.44 (11.2)	0.53 (13.5)	770-001S103
09	.25 (6.4)	.28 (7.1)	0.54 (13.7)	0.63 (16.0)	770-001S103
12	.33 (8.4)	.37 (9.4)	0.64 (16.3)	0.73 (18.5)	770-001S104
14	.40 (10.2)	.44 (11.2)	0.71 (18.0)	0.80 (20.3)	770-001S104
16	.45 (11.4)	.50 (12.7)	0.77 (19.6)	0.86 (21.8)	770-001S104
20	.57 (14.5)	.62 (15.8)	0.89 (22.6)	0.98 (24.9)	770-001S105
24	.69 (17.5)	.75 (19.1)	1.06 (26.9)	1.15 (29.2)	770-001S106
28	.81 (20.6)	.87 (22.2)	1.18 (30.0)	1.27 (32.3)	770-001S107
32	.93 (23.6)	1.00 (25.4)	1.31 (33.3)	1.40 (35.6)	770-001S107
40	1.18 (30.0)	1.25 (31.8)	1.53 (38.9)	1.62 (41.1)	770-001S107

Table II: Finish

Sym	Material	Finish Description
M	Aluminum Alloy	Electroless Nickel
MT		Nickel-PTFE
NF		Cad/Olive Drab over Electroless Nickel
ZN		Zinc Nickel/Olive Drab over Electroless Nickel
Z1	Stainless Steel	Passivate
ZM		Electroless Nickel
ZW		CAD O.D. over Electroless Nickel