

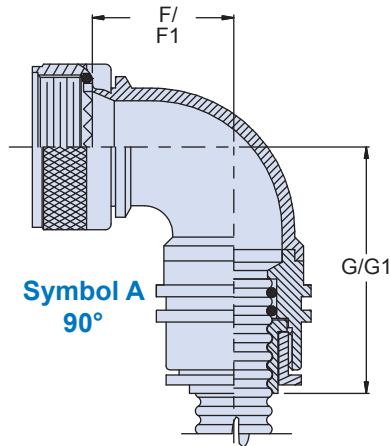
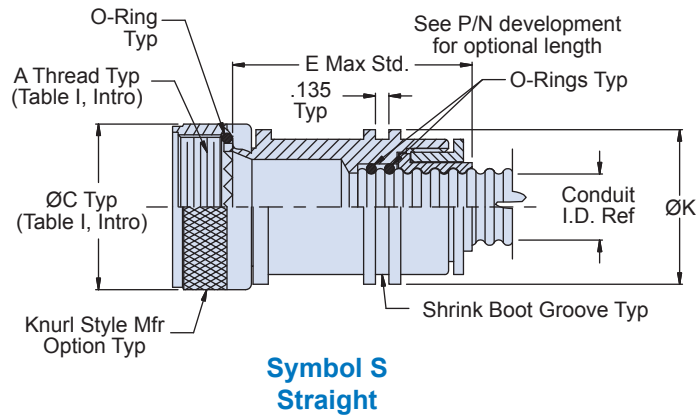
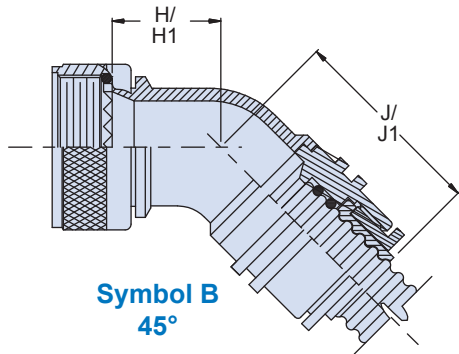
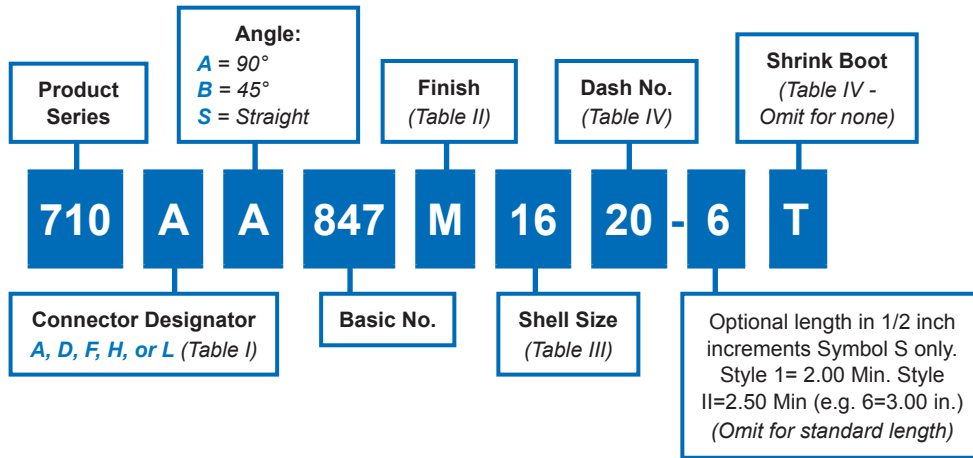


710-847

**Sentry System Compact Environmental  
Metal Convuluted Tubing to Connector Backshell  
for Series 72 Annular Convuluted Tubing**

**Sentry System compact environmental connector backshell with shrink boot lip**

**How To Order**



**Material and Finish**

- Adapters, coupling nuts & elbows: See Table II
- Gland Nuts & Split Bushings: Kynar/N.A.
- O-Rings: Silicone/N.A.
- Shrink Boot: See individual drawing

**Notes**

- When conduit diameter exceeds Max Dash No. (Table III), Style II will be supplied. Dimensions F1, G1, H1 and J1 apply to Style II angular fittings.
- Interfacial O-Ring not supplied with Connector Designator A

710-847

## Sentry System Compact Environmental Metal Convuluted Tubing to Connector Backshell for Series 72 Annular Convuluted Tubing

Series 72  
Annular Tubing

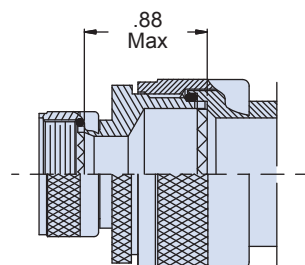
B

Table III: Shell Size/Dimensions

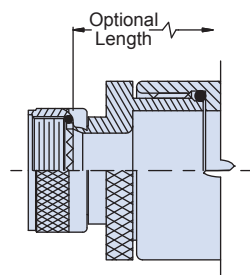
Shell Size		E Max	F Max	G Max	H Max	J Max	Max Conduit Style I
A,D,F,L	H						
08	09	1.470 (37.3)	.500 (12.7)	1.955 (49.7)	.457 (11.6)	2.005 (50.9)	12
10	11	1.491 (37.9)	.595 (15.1)	2.075 (52.7)	.520 (13.2)	2.005 (50.9)	12
12	13	1.530 (38.9)	.610 (15.5)	2.095 (53.2)	.582 (14.8)	2.065 (52.5)	16
14	15	1.552 (39.4)	.700 (17.8)	2.165 (55.0)	.645 (16.4)	2.155 (54.7)	20
16	17	1.580 (40.1)	.885 (22.5)	2.255 (57.3)	.738 (18.7)	2.265 (57.5)	24
18	19	1.610 (40.9)	.975 (24.8)	2.425 (61.6)	.927 (23.5)	2.455 (62.4)	28
20	21	1.650 (41.9)	.975 (24.8)	2.425 (61.6)	.927 (23.5)	2.455 (62.4)	32
22	23	1.685 (42.8)	1.125 (28.6)	2.535 (64.4)	1.020 (25.9)	2.605 (66.2)	32
24	25	1.710 (43.4)	1.125 (28.6)	2.535 (64.4)	1.020 (25.9)	2.605 (66.2)	40
28		1.785 (45.3)	1.225 (31.1)	2.705 (68.7)	1.145 (29.1)	2.655 (67.4)	40
32		1.855 (47.1)	1.575 (40.0)	2.925 (74.3)	1.207 (30.7)	2.755 (70.0)	40
36		1.920 (48.8)	1.775 (45.1)	2.955 (75.1)	1.238 (31.4)	2.845 (72.3)	40

Table IV: Dash No./Dimensions/Shrink Boot

Dash No	Conduit I.D. Ref		F1 Max	G1 Max	H1 Max	J1 Max	Ø K	Shrink Boot
	Min	Max						
09	.24 (6.1)	.28 (7.1)	N/A	N/A	N/A	N/A	.875 (22.4)	<a href="#">770-001S105</a>
12	.33 (8.4)	.37 (9.4)	N/A	N/A	N/A	N/A	1.062 (26.9)	<a href="#">770-001S106</a>
16	.45 (11.4)	.50 (12.7)	.610 (15.5)	2.095 (53.3)	.582 (15.1)	2.065 (52.6)	1.188 (30.2)	<a href="#">770-001S106</a>
20	.57 (14.5)	.62 (15.8)	.700 (17.8)	2.165 (55.1)	.645 (16.5)	2.155 (54.9)	1.312 (33.3)	<a href="#">770-001S107</a>
24	.69 (17.5)	.75 (19.1)	.885 (22.6)	2.255 (57.4)	.738 (18.8)	2.265 (57.7)	1.500 (38.1)	<a href="#">770-001S107</a>
28	.81 (20.6)	.87 (22.1)	.975 (24.9)	2.425 (61.7)	.927 (23.6)	2.455 (62.5)	1.688 (42.9)	<a href="#">770-001S108</a>
32	.93 (23.6)	1.00 (25.4)	1.125 (28.7)	2.535 (64.5)	1.020 (25.9)	2.605 (66.3)	1.812 (45.8)	<a href="#">770-001S108</a>
40	1.18 (30.0)	1.25 (31.8)	1.775 (45.2)	2.955 (75.2)	1.238 (31.5)	2.845 (72.4)	2.062 (52.3)	<a href="#">770-001S108</a>



**Style II**  
45° & 90°



**Style II**  
Straight

Table II: Finish

Sym	Material	Finish Description
M	Aluminum Alloy	Electroless Nickel
MT	Aluminum Alloy	Nickel-PTFE
NF	Aluminum Alloy	CAD/O.D. over Electroless Nickel (1,000 hour salt spray)
Z1	300 Series SST	Passivate
ZM	300 Series SST	Electroless Nickel
ZN	Aluminum Alloy	Zinc Nickel/Olive Drab over Electroless Nickel (1,000 hour salt spray)
ZW	300 Series SST	CAD O.D. over Electroless Nickel