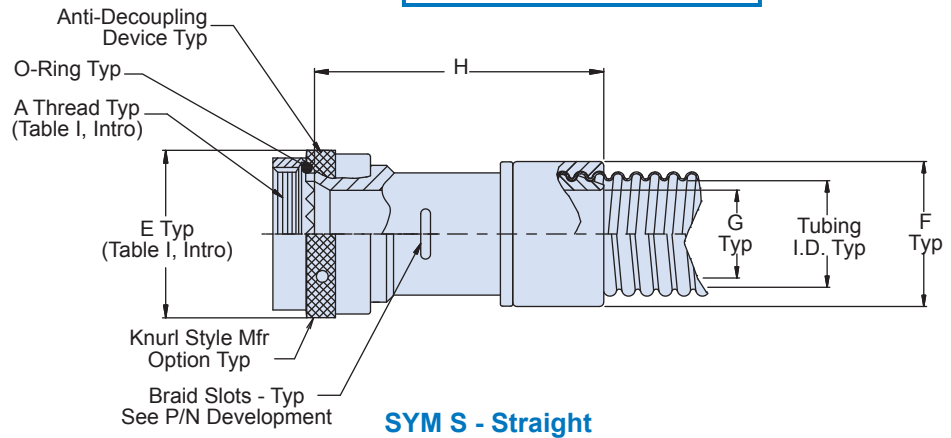
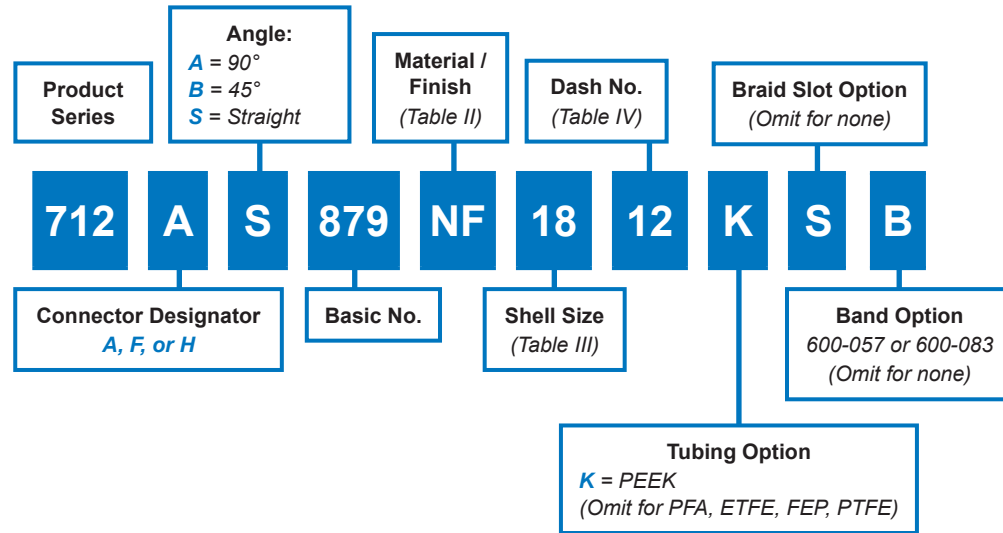


**Metal AeroLite System convoluted tubing to connector backshell**
**How To Order**

**Material and Finish**

- Adapters, Coupling Nuts and Elbows - Table II (See P/N development)
- Follower Nuts - High grade engineering thermoplastic black/no plating
- Anti-Decoupling Device - Corrosion-resistant material/NA
- O-Ring - Fluorosilicone/N.A.
- Band - SST/Passivate

**Notes**

- Interface O-Ring not applicable to connector designator A
- Nominal I.D. of PEEK tubing adapters are reduced by approximately .060 in.
- Convoluted tubing to be ordered separately, see 120-100 standard wall conduit.

712-879

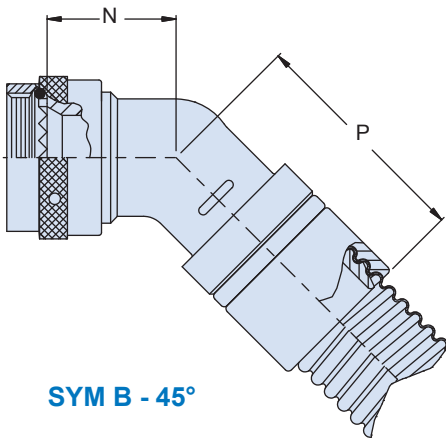
**AeroLite System - Metal**  
**Convuluted Tubing to Connector Backshell**  
**for Series 74 Helical Convuluted Tubing**



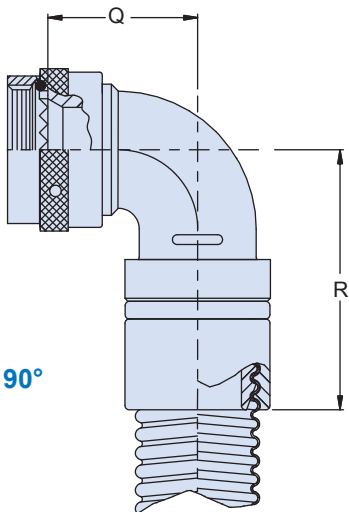
Series 74  
Helical Tubing

Table III: Shell Size/Dimensions

Shell Size		H Max	N Max	P Max	Q Max	R Max	Max Dash No. Table II
A, F, L	H						
08	09	1.71 (43.4)	.600 (15.2)	1.500 (38.1)	.680 (17.3)	1.670 (42.4)	09
10	11	1.71 (43.4)	.630 (16.0)	1.740 (44.2)	.770 (19.6)	1.810 (45.7)	12
12	13	1.76 (44.7)	.660 (16.8)	1.880 (47.8)	.800 (20.3)	1.900 (48.2)	20
14	15	1.76 (44.7)	.690 (17.5)	2.090 (53.1)	.880 (22.4)	2.090 (53.1)	24
16	17	1.86 (47.2)	.820 (20.1)	2.240 (56.9)	1.060 (26.9)	2.220 (56.4)	24
18	19	1.96 (49.8)	.970 (24.6)	2.530 (64.3)	1.150 (29.2)	2.500 (63.5)	28
20	21	1.96 (49.8)	.970 (24.6)	2.570 (65.3)	1.150 (29.6)	2.540 (64.5)	32
22	23	1.96 (49.8)	1.000 (25.4)	2.710 (68.8)	1.300 (33.0)	2.650 (67.3)	32
24, 61	25	2.06 (52.3)	1.000 (25.4)	2.870 (72.9)	1.300 (33.0)	2.800 (71.1)	40
28	⊗	2.06 (52.3)	TBD	TBD	1.400 (35.6)	3.020 (76.7)	40



SYM B - 45°



SYM A - 90°

Table IV: Dash No./Dimensions

Dash No.	M Conduit ID Nom.	F Dia Max	G Dia ± .015 Entry
06	.188 (4.8)	.580 (14.7)	.157 (4.0)
09	.281 (7.1)	.670 (17.0)	.250 (6.4)
10	.312 (7.9)	.710 (18.0)	.281 (7.1)
12	.375 (9.5)	.770 (19.6)	.344 (8.7)
14	.437 (11.1)	.830 (21.1)	.406 (10.3)
16	.500 (12.7)	.920 (23.4)	.469 (11.9)
20	.625 (15.9)	1.040 (26.4)	.594 (15.1)
24	.750 (19.1)	1.200 (30.5)	.714 (18.1)
28	.875 (22.2)	1.340 (34.0)	.839 (21.3)
32	1.000 (25.4)	1.500 (38.1)	.964 (24.5)
40	1.250 (31.8)	1.660 (42.2)	1.214 (30.8)

Table II - Finish

Sym	Material	Finish Description
B	Aluminum Alloy	Cadmium, Olive Drab
C		Anodize, Black
M		Electroless Nickel
MT		Nickel-PTFE
NF		Cad/O.D. over Electroless Nickel
UCR		Zinc Cobalt/Black
ZNU		Zinc Nickel/Black over Electroless Nickel
Z1		Stainless Steel, 300 Series

Table II - Finish (continued)

Sym	Material	Finish Description	Component
ZM	300 SERIES SST	Electroless Nickel	Adapter, Elbow
		Passivate	Coupling Nut
ZW		Cadmium Olive Drab over Electroless Nickel	Adapter, Elbow
		Cadmium Olive Drab	Coupling Nut
ZMT		Nickel-PTFE	Adapter, Elbow
		Passivate	Coupling Nut