



SERIES 77

Metal Shrink Boot Adapters



310-001 Standard Profile, O-Ring Sealed Shrink Boot Adapter with Rotatable Coupling

How to Order	
Sample Part Number	310 F S 001 M 16 D T
Product Series	310
Connector Designator	See Connector Designator Table
Angular Function	S = straight H = 45° J = 90°
Basic Part Number	001
Finish Symbol	B = cadmium plate, olive drab C* = anodize, black G* = hard coat, anodic M = electroless nickel NF = cadmium plate, olive drab over electroless nickel (1000 hour salt spray) *Non-conductive finish not suitable for EMI/RFI shielding applications
Shell Size	See dimensions table
Drain Hole	D = drain hole Omit for none
Shrink Boot	T = shrink boot Omit for none; see dimensions table for part number



Add "T" to Part Number for Standard Boot

Connector Designator	
A	MIL-DTL-5015, -26482, Series II and -83723 Series I and III
D	MIL-DTL-26482 Series I
F	MIL-DTL-38999 Series I, II
G*	MIL-DTL-28840
H	MIL-DTL-38999 Series III and IV
J*	MIL-DTL-81511 Series I, II, III & IV
L	LN29729
S	PATT 105, PATT 603, PATT 608
ROTATABLE COUPLING	

NOTES

1. See Table I on page G-4 for connector designator interface dimensions
2. O-Rings not supplied with Connector Designators A and G or with drain hole option
3. For G connector designator dimension E and G will be increased .360 (9.14)
4. Standard Boot Kit includes a straight lipped, type 1 material boot without adhesive. For additional material adhesive options order separately from section B
5. Glenair 600 series backshell assembly tools are recommended for assembly and installation

*For connector designators G and J, please consult the factory for 45° and 90° configurations

G



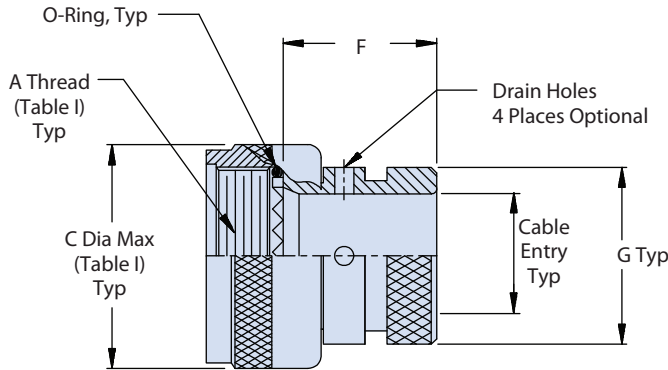
SERIES 77

Metal Shrink Boot Adapters

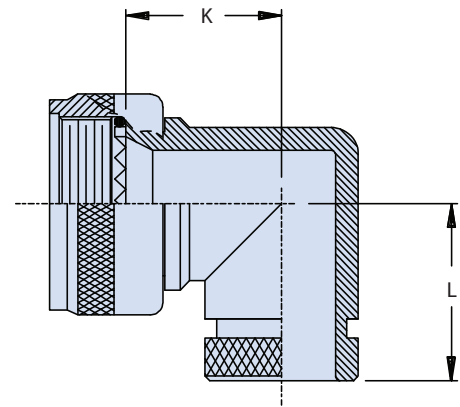


310-001 Standard Profile, O-Ring Sealed Shrink Boot Adapter with Rotatable Coupling

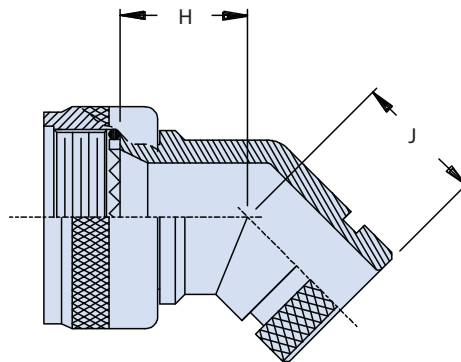
See Pages G-4 and G-5 for Adapter Interface Dimensions



SYM S
Straight



SYM J
90°



SYM H
45°



Dimensions									
Shell Size - Conn. Desig.		F	G	H	J	K	L	Cable Entry	Shrink Boot
A-F-J-L-S	G-H	Max	Max	Max	Max	Max	Max	Minimum	Part Number*
08	09	.940 (23.9)	.533 (13.5)	.639 (16.2)	.810 (20.6)	.750 (19.1)	.920 (23.4)	.250 (6.4)	770-003S102
10	11	.940 (23.9)	.605 (15.4)	.664 (16.9)	.840 (21.3)	.810 (20.6)	.980 (24.9)	.355 (9.0)	770-001S103
12	13	.940 (23.9)	.774 (19.7)	.688 (17.5)	.860 (21.8)	.870 (22.1)	1.040 (26.4)	.491 (12.5)	770-001S103
14	15	.940 (23.9)	.838 (21.3)	.705 (17.9)	.890 (22.6)	.920 (23.4)	1.110 (28.2)	.565 (14.4)	770-001S103
16	17	.940 (23.9)	.963 (24.5)	.732 (18.6)	.910 (23.1)	.980 (24.9)	1.170 (29.7)	.690 (17.5)	770-001S104
18	19	.940 (23.9)	1.042 (26.5)	.748 (19.0)	.920 (23.4)	1.020 (25.9)	1.190 (30.2)	.769 (19.5)	770-001S104
20	21	.940 (23.9)	1.217 (30.9)	.773 (19.6)	.940 (23.9)	1.080 (27.4)	1.250 (31.8)	.894 (22.7)	770-001S106
22	23	.940 (23.9)	1.355 (34.4)	.800 (20.3)	.980 (24.9)	1.140 (29.0)	1.330 (33.8)	1.019 (25.9)	770-001S107
24	25	.940 (23.9)	1.443 (36.7)	.823 (20.9)	1.010 (25.7)	1.200 (30.5)	1.400 (35.6)	1.134 (28.8)	770-001S107
28	29	.940 (23.9)	1.709 (43.4)	1.041 (26.4)	1.180 (30.0)	1.480 (37.6)	1.640 (41.7)	1.369 (34.8)	770-001S108
32	33	1.005 (25.5)	1.919 (48.7)	1.092 (27.7)	1.370 (34.8)	1.610 (40.9)	1.880 (47.8)	1.615 (41.0)	770-001S108

*Equivalent boot may be supplied in lieu of stated part number.



SERIES 77

Metal Shrink Boot Adapters



310-034 Standard Profile, O-Ring Sealed Shrink Boot Adapter with Direct Coupling

How to Order	
Sample Part Number	310 D S 034 M 16 T
Product Series	310
Connector Designator	See connector designator table
Angular Function	S = straight H = 45° J = 90°
Basic Part Number	034
Finish Symbol	B = cadmium plate, olive drab C = anodize, black G = hard coat, anodic M = electroless nickel NF = cadmium plate, olive drab over electroless nickel
Shell Size	See interface adapter dimensions table
Shrink Boot	Omit for none; see cable entry and shrink boot table



Add "T" to Part Number for Standard Boot

Connector Designator			
A	MIL-DTL-5015, -26482, Series II and -83723 Series I and III	G	MIL-DTL-28840
B*	MIL-DTL-5015	H	MIL-DTL-38999 Series III and IV
C	MIL-DTL-22992	J	MIL-DTL-81511 Series I, II, III & IV
D	MIL-DTL-26482	K	MIL-DTL-83723 Series II
E	MIL-DTL-26500	L	LN29729
F	MIL-DTL-38999 Series I, II	S	PATT 105, PATT 603, PATT 608
DIRECT COUPLING			

*When using Designator B, refer to Pages F-6 and F-7

Interface Adapter Dimension			
Shell Size	J Max - Connector Designator		
	A-E-F-J-H-S	D-B-G-K	C
08/09	1.180 (30.0)	1.250 (31.8)	-
10/11	1.180 (30.0)	1.250 (31.8)	-
12/13	1.180 (30.0)	1.250 (31.8)	1.735(44.1)
14/15	1.180 (30.0)	1.250 (31.8)	1.915(48.6)
16/17	1.380 (35.0)	1.560 (39.6)	1.915(48.6)
18/19	1.380 (35.0)	1.560 (39.6)	1.915(48.6)
20/21	1.380 (35.0)	1.560 (39.6)	1.915(48.6)
22/23	1.380 (35.0)	1.560 (39.6)	1.915(48.6)
24/25	1.380 (35.0)	1.560 (39.6)	1.915(48.6)
28/29	1.610 (40.9)	1.560 (39.6)	1.915(48.6)
32/33	1.610 (40.9)	1.750 (44.5)	1.915(48.6)
36	1.610 (40.9)	1.750 (44.5)	1.915(48.6)
40	1.610 (40.9)	2.190 (55.6)	1.915(48.6)

Shell Size	Dimensions			
	F Max	G Max	H Max	K Max
08/09	.639 (16.2)	.810 (20.6)	.750 (19.1)	.920 (23.4)
10/11	.664 (16.9)	.840 (21.3)	.810 (20.6)	.980 (24.9)
12/13	.688 (17.5)	.860 (21.8)	.870 (22.1)	1.040 (26.4)
14/15	.705 (17.9)	.890 (22.6)	.920 (23.4)	1.110 (28.2)
16/17	.732 (18.6)	.910 (23.1)	.980 (24.9)	1.170 (29.7)
18/19	.748 (19.0)	.920 (23.4)	1.020 (25.9)	1.190 (30.2)
20/21	.773 (19.6)	.940 (23.9)	1.080 (27.4)	1.250 (31.8)
22/23	.800 (20.3)	.980 (24.9)	1.140 (29.0)	1.330 (33.8)
24/25	.823 (20.9)	1.010 (25.7)	1.200 (30.5)	1.400 (35.6)
28	1.041 (26.4)	1.180 (30.0)	1.480 (37.6)	1.640 (41.7)
32	1.092 (27.7)	1.370 (34.8)	1.610 (40.9)	1.880 (47.8)
36	1.041 (26.4)	1.180 (30.0)	1.480 (37.6)	1.640 (41.7)
40	1.092 (27.7)	1.370 (34.8)	1.610 (40.9)	1.880 (47.8)

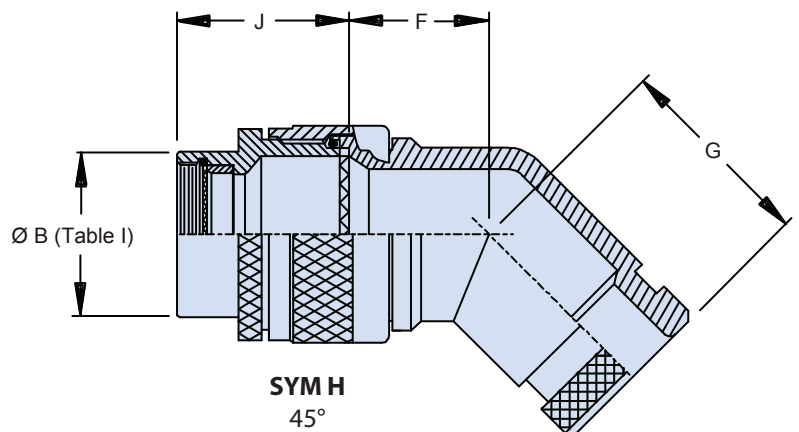
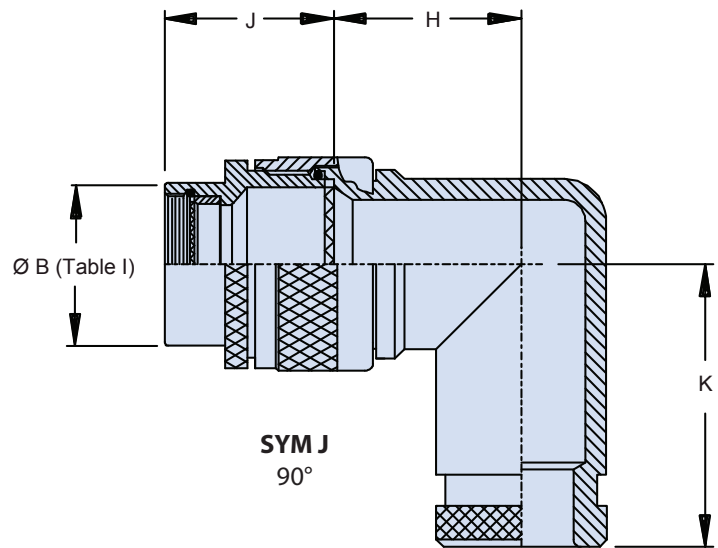
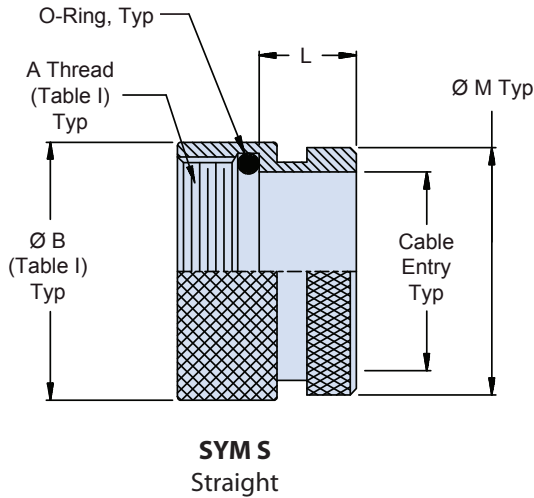


SERIES 77 Metal Shrink Boot Adapters



310-034 Standard Profile, O-Ring Sealed Shrink Boot Adapter with Direct Coupling

See Pages G-4 and G-5 for Adapter Interface Dimensions



Cable Entry Dimensions and Shrink Boot Part Numbers				
Shell Size	L Max	M Max	Cable Entry Minimum	Shrink Boot Part Number
08	.500 (12.7)	.688 (17.5)	.250 (6.4)	770-001S103
10/11	.500 (12.7)	.803 (20.4)	.355 (9.0)	770-001S103
12/13	.500 (12.7)	.938 (23.8)	.491 (12.5)	770-001S104
14/15	.500 (12.7)	1.063 (27.0)	.565 (14.4)	770-001S106
16/17	.500 (12.7)	1.238 (31.4)	.690 (17.5)	770-001S106
18	.500 (12.7)	1.310 (33.3)	.769 (19.5)	770-001S107
20	.500 (12.7)	1.436 (36.5)	.844 (21.4)	770-001S107
22	.500 (12.7)	1.560 (39.6)	1.019 (25.9)	770-001S108
24	.500 (12.7)	1.686 (42.8)	1.134 (28.8)	770-001S108
28	.687 (17.4)	2.062 (52.4)	1.369 (34.8)	770-001S109
32	.687 (17.4)	2.312 (58.7)	1.615 (41.0)	770-001S108
36	.687 (17.4)	2.562 (65.1)	1.830 (46.5)	Consult Factory
40	.687 (17.4)	2.812 (71.4)	2.045 (51.9)	Consult Factory

NOTES

1. See Table I on page G-4 for connector designator interface dimensions
2. When using Connector Designator B refer to pages G-6 and G-7 for part number development.
3. Standard Boot Kit includes a straight lipped, type 1 material boot without adhesive. For additional material adhesive options order separately from section B
4. Glenair 600 series backshell assembly tools are recommended for assembly and installation