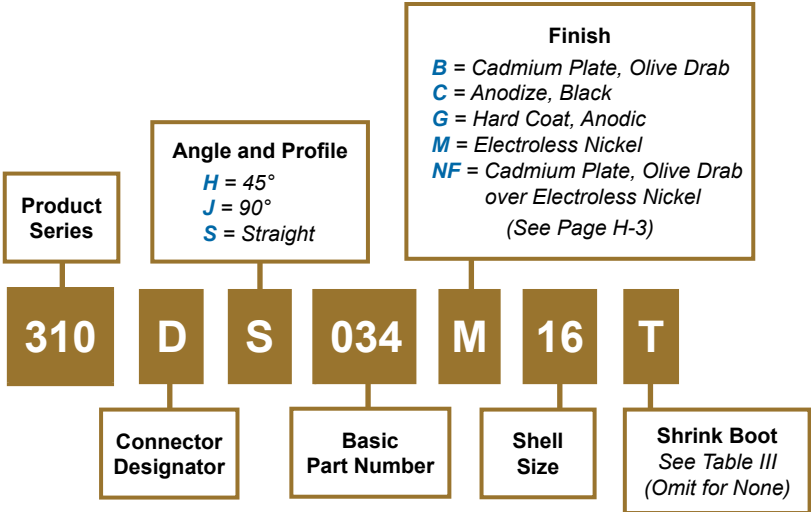




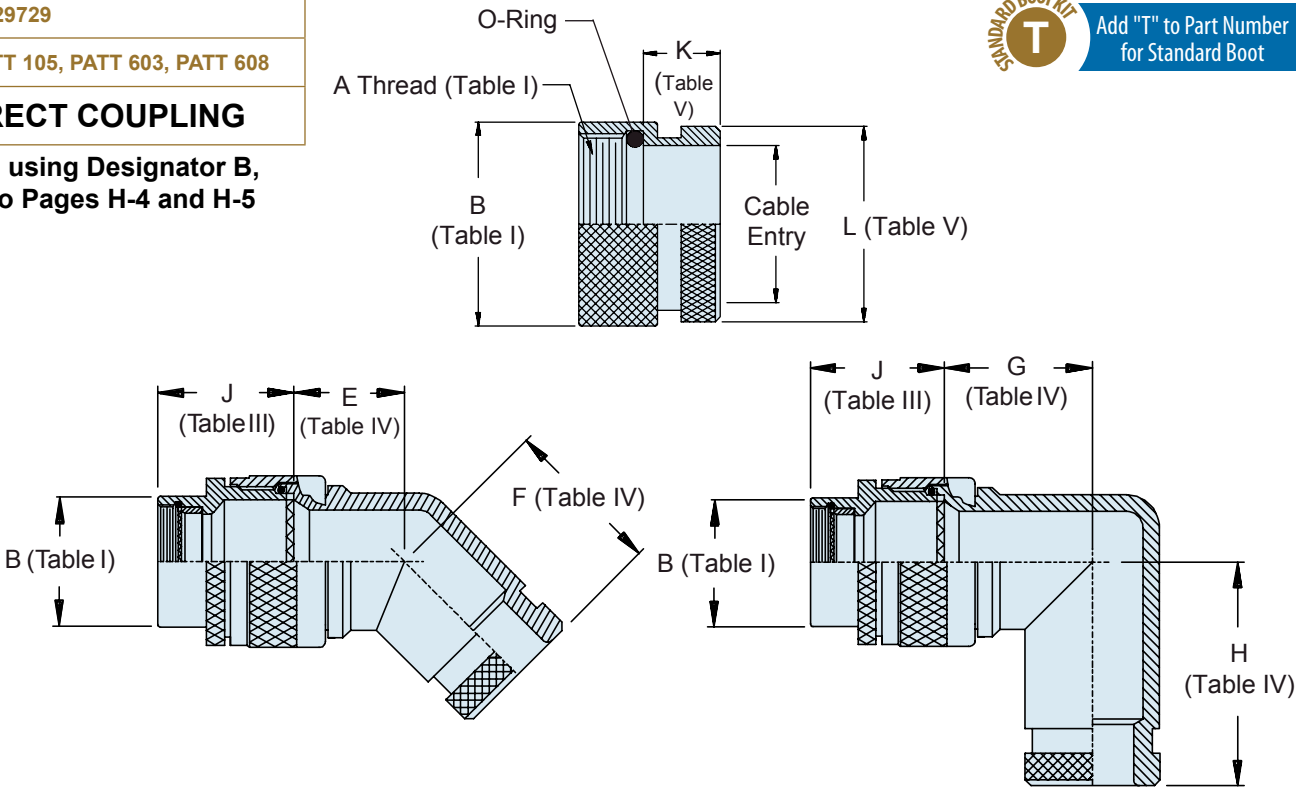
310-034
O-Ring Sealed Shrink Boot Adapter
Direct Coupling - Standard Profile

CONNECTOR DESIGNATOR:	
A	MIL-DTL-5015, -26482, Series II and -83723 Series I and III
B*	MIL-DTL-5015
C	MIL-DTL-2292
D	MIL-DTL-26482
E	MIL-DTL-26500
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
K	MIL-DTL-83723 Series II
L	LN29729
S	PATT 105, PATT 603, PATT 608
DIRECT COUPLING	

*When using Designator B, refer to Pages H-4 and H-5



STANDARD BOOT KIT
T Add "T" to Part Number for Standard Boot



APPLICATION NOTES

1. Cable Entry is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
2. See Backshell Interface Dimensions and Standards on Page H-4.
3. When using Connector Designator B refer to pages H-4 and H-5 for part number development.

310-034

O-Ring Sealed Shrink Boot Adapter

Direct Coupling - Standard Profile



See Pages H-2 and H-3 for unabridged Tables I and II.

TABLE III: Front Adapter

Shell Size	J Max - Connector Designator		C
	A-E-F-J-H-S	D-B-G-K	
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)

TABLE IV: Dimensions

Shell Size	E Max	F Max	G Max	H 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)
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)

TABLE V: Shell Size, Cable Entry, Dimensions and Shrink Boot Part Numbers

Shell Size	K Max	L 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)	770-001S104
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)	770-001S106
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)	770-001S107
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)	770-001S108
32	.687 (17.4)	2.312 (58.7)	1.615 (41.0)	770-001S109
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

Dimensions in inches (millimeters) and are subject to change without notice.

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