



SERIES 77

# Piggyback Boot Adapters/Backshells



## 443-033 Composite Band-in-a-Can Piggyback Boot Backshell with Thread-on Shrink Boot - How to Order

How to Order	
Sample Part Number	443 H S 033 XM 19 20 K S -2
Product Series	443 = Environmental piggyback boot
Connector Designator	A = MIL-DTL-83723 Series I & III MIL-DTL-5015; MIL-DTL-26482 Series II F = MIL-DTL-38999, Series I & II G = MIL-DTL-28840 H = MIL-DTL-38999, Series III & IV U = SAE AS29600 (MIL-C-29600)
Angular Function	S = Straight W = 90°
Basic Number	033
Finish Symbol	XM = 2000 hour corrosion resistant electroless nickel XMT = 2000 hour corrosion resistant Ni-PTFE, nickel-fluorocarbon polymer XW = 2000 hour corrosion resistant cadmium olive drab over electroless nickel
Shell Size	See dimensions table
Entry Code	See cable entry table
Band Option	K = Pre-coiled band Omit for none
Slot Option	S = Pigtail slot Omit for none
Boot Material Type	1 = Type 1 2 = Type 2 3 = Type 3; See boot material selection guide



**H**  
*Our easiest to use and most versatile, individual and overall, shield termination and pre-terminated shrink boot adapter!*

### NOTES

1. See Table II on Page H-15 for connector designator interface dimensions
2. Coupling nut supplied unplated
3. O-Ring supplied with Connector Designator F and H only
4. Glenair 600-091 or 600-157 Series Backshell Assembly Tools are recommended for assembly and installation.
5. Consult factory for additional sizes available
6. Entry diameter equals max wire bundle diameter
7. One band supplied with each assembly. To order separately, see 601-041
8. Use Glenair 601-100 or 601-102 hand or 601-106 pneumatic banding tools
9. Recovered dimension apply to unrestricted recovery. Dimensions may differ than shown when boots are installed over assembly.

### Material and Finish

- Adapter, elbow: high grade engineering thermoplastic/see How to Order table for finish
- Hardware: cres/passivated
- O-ring: silicone/na
- Anti-decoupling device: high grade engineering thermoplastic/N.A.
- Coupling nut, body clamp, support ring: high grade engineering thermoplastic/black unplated
- Band: SST/passivated
- Shrink boot: see boot material table

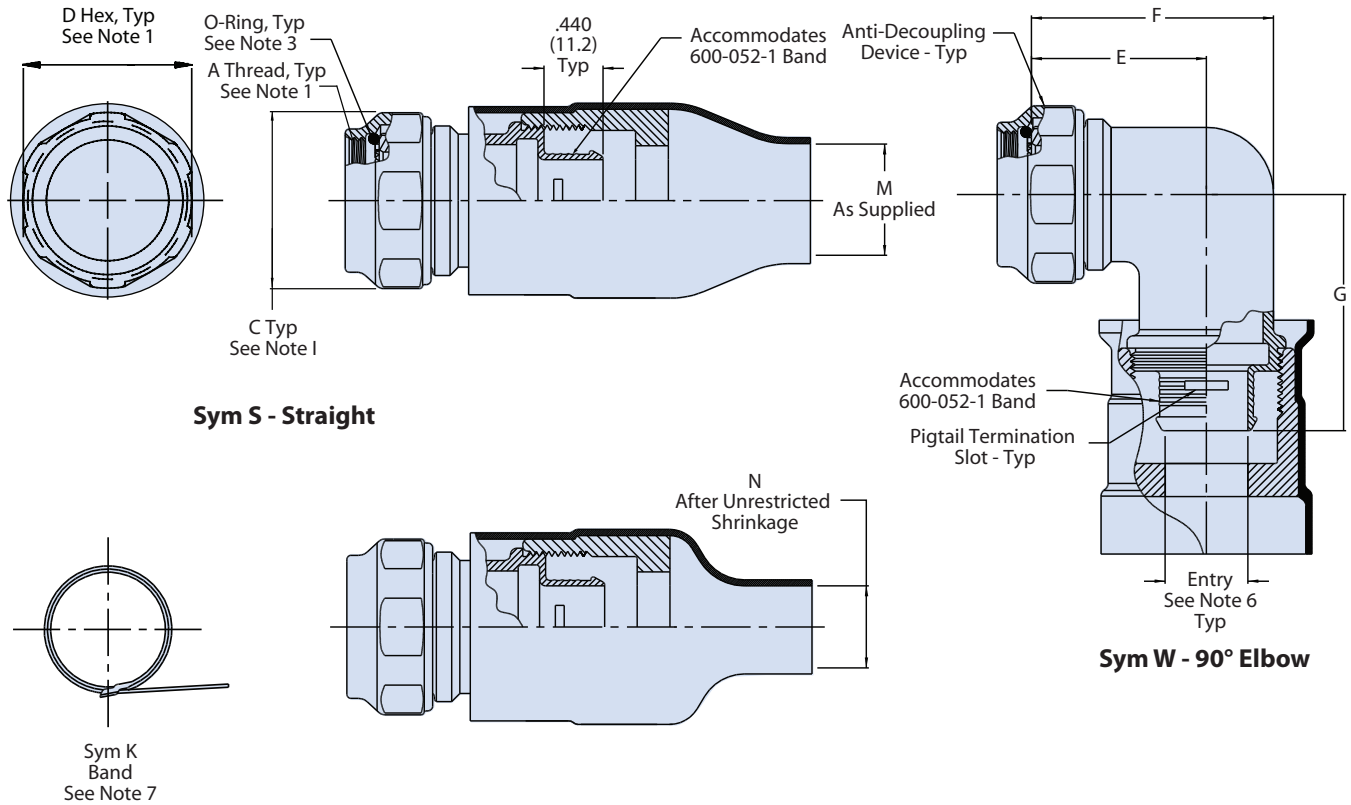


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## 443-033 Composite Band-in-a-Can Piggyback Boot Backshell with Thread-on Shrink Boot - Dimensions



Dimensions										
Shell Size					E ±.06 (1.5)	F ±.090 (2.3)	G ±.090 (2.3)	Max Entry Dash No.		
A	F/L	G	H	U						
08	08	-	09	-	.69 (17.5)	.880 (22.4)	1.19 (30.2)	10		
10	10	-	11	08	.75 (19.1)	1.00 (25.4)	1.25 (31.8)	12		
12	12	11	13	10	.81 (20.6)	1.13 (28.7)	1.31 (33.3)	14		
14	14	13	15	12	.88 (22.4)	1.31 (33.3)	1.38 (35.1)	16		
16	16	15	17	14	.94 (23.9)	1.38 (35.1)	1.44 (36.6)	18		
18	18	17	19	16	.97 (24.6)	1.44 (36.6)	1.47 (37.3)	20		
20	20	19	21	18	1.06 (26.9)	1.63 (41.4)	1.56 (39.6)	22		
22	22	-	23	20	1.13 (28.7)	1.75 (44.5)	1.63 (41.4)	24		
24	24	23	25	22	1.19 (30.2)	1.88 (47.8)	1.69 (42.9)	28		
28	-	25	-	24	1.34 (34.0)	2.13 (54.1)	1.78 (45.2)	32		

Cable Entry			
Entry Code	Entry Dia. (See Note 6) ±.03 (0.8)	M Min	N Max
10	.22 (5.6)	.33 (8.40)	.236 (6.0)
12	.28 (7.1)	.43 (11.0)	.236 (6.0)
14	.34 (8.6)	.51 (13.0)	.276 (7.0)
16	.46 (11.7)	.67 (17.0)	.276 (7.0)
18	.55 (14.0)	.75 (19.0)	.276 (7.0)
20	.62 (15.7)	.82 (20.8)	.335 (8.5)
22	.70 (17.8)	.96 (24.4)	.335 (8.5)
24	.78 (19.8)	1.05 (26.7)	.335 (8.5)
28	.85 (21.6)	1.18 (30.0)	.335 (8.5)
32	.95 (24.1)	1.31 (33.3)	.394 (10.0)

Boot Material Selection Guide			
Attribute	Type 1	Type 2	Type 3
	High-Performance Semi-Rigid Elastomer	Zero-Halogen Semi-Rigid Polyolefin	General Purpose Flexible Polyolefin
Continuous Operating Temp.	-75° to +150° c	-40° to +130° c	-55° to +135° c
Resistance To Fuels, Oils	Excellent	Very Good	Good
Low Toxicity, Zero Halogen	No	Yes	No

