



SERIES 77

Piggyback Boot Adapters/Backshells



630-103 Composite Feed-thru with Shrink Boot How to Order

How to Order						
Sample Part Number	630-103	XM	07	A	-2	D
Product Series	630-103 = Composite Feed-Thru					
Finish Symbol	XM = Electroless nickel XW = Cad/O.D. over electroless nickel XZR = Zinc-nickel, black over electroless nickel XMT = Nickel-PTFE					
Dash Number	See dimensions table					
Style	A = Feed-thru and shrink boot (one side) B = Feed-thru with shrink boots on both sides					
Boot Material Type	See boot material selection guide table					
Mounting Hole Type	D = 'D' type mounting hole, available for style A only; omit for none					



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

NOTES

- Glenair 600 series backshell assembly tools are recommended for assembly and installation.
- Recovered dimension apply to unrestricted recovery. Dimensions may differ than shown when boots are installed over assembly.

Materials and Finish

- Feed-thru bodies, adapter and jam nut: high grade engineering thermoplastic. See How to Order table
- O-ring: Silicone/N.A.
- Shrink Boot: Elastomeric/N.A.

H

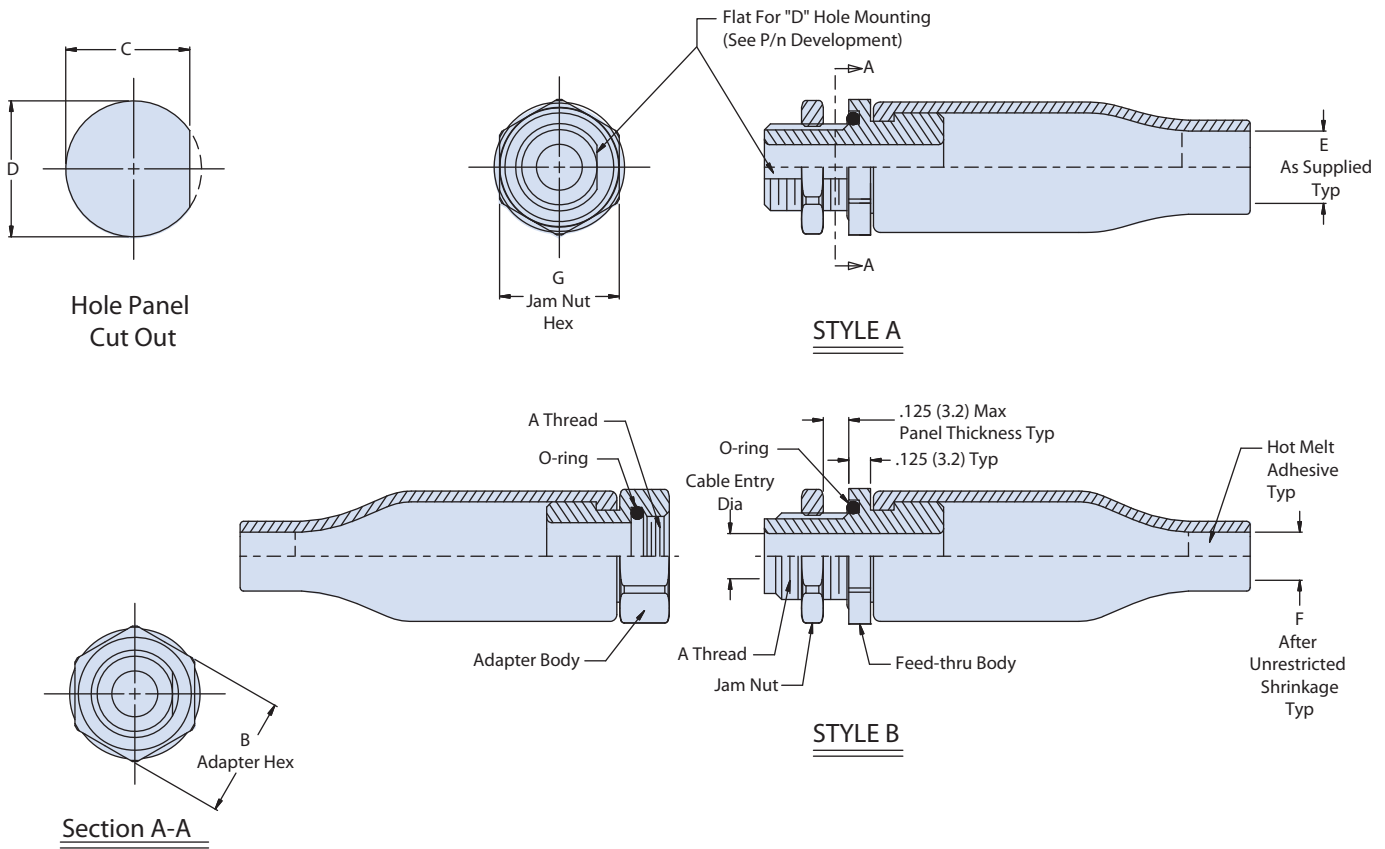


SERIES 77

Piggyback Boot Adapters/Backshells



630-103 Composite Feed-thru with Shrink Boot Dimensions



Dimensions								
Dash No	A Thread Class 2B	Cable Entry Ø Min	B Hex	C Flat +.010 0.000	D Dia +.015 0.000	E Min	F Max	G Hex
07	7/16-28 UNEF	0.215 (5.46)	0.688 (17.48)	0.385 (9.78)	0.443 (11.25)	0.215 (5.46)	0.197 (5.00)	0.625 (15.88)
08	1/2-28 UNEF	0.278 (7.06)	0.750 (19.05)	0.448 (11.38)	0.505 (12.83)	0.278 (7.06)	0.197 (5.00)	0.688 (17.48)
09	9/16-24 UNEF	0.340 (8.64)	0.813 (20.65)	0.510 (12.95)	0.568 (14.43)	0.340 (8.64)	0.236 (5.99)	0.750 (19.05)
10	5/8-24 UNEF	0.403 (10.24)	0.875 (22.23)	0.573 (14.55)	0.630 (16.00)	0.403 (10.24)	0.236 (5.99)	0.812 (20.62)
11	11/16-24 UNEF	0.465 (11.81)	0.938 (23.83)	0.635 (16.13)	0.693 (17.60)	0.465 (11.81)	0.236 (5.99)	0.875 (22.23)
13	13/16-20 UNEF	0.590 (14.99)	1.125 (28.58)	0.760 (19.30)	0.818 (20.78)	0.590 (14.99)	0.276 (7.01)	1.000 (25.40)
15	15/16-20 UNEF	0.715 (18.16)	1.250 (31.75)	0.885 (22.48)	0.943 (23.95)	0.715 (18.16)	0.335 (8.51)	1.125 (28.58)
17	1 1/16-18 UNEF	0.840 (21.34)	1.375 (34.92)	1.010 (25.65)	1.068 (27.13)	0.840 (21.34)	0.335 (8.51)	1.250 (31.75)
19	1 3/16-18 UNEF	0.965 (24.51)	1.500 (38.10)	1.135 (28.83)	1.193 (30.30)	0.965 (24.51)	0.394 (10.01)	1.375 (34.92)
21	1 5/16-18 UNEF	1.090 (27.69)	1.625 (41.28)	1.260 (32.00)	1.318 (33.48)	1.090 (27.69)	0.394 (10.01)	1.625 (41.28)
23	1 7/16-18 UNEF	1.215 (30.86)	1.750 (44.45)	1.385 (35.18)	1.443 (36.65)	1.215 (30.86)	0.591 (15.01)	1.625 (41.28)
25	1 9/16-18 UNEF	1.340 (34.04)	1.875 (47.63)	1.510 (38.35)	1.568 (39.83)	1.340 (34.04)	0.591 (15.01)	1.750 (44.45)
27	1 11/16-18 UNEF	1.465 (37.21)	2.000 (50.80)	1.635 (41.53)	1.693 (43.00)	1.465 (37.21)	0.591 (15.01)	1.875 (47.63)
30	1 7/8-16 UN	1.653 (41.99)	2.187 (55.55)	1.823 (46.30)	1.880 (47.75)	1.653 (41.99)	0.661 (16.79)	2.125 (53.97)
32	2-18 UNS	1.778 (45.16)	2.312 (58.72)	1.948 (49.48)	2.005 (50.93)	1.778 (45.16)	0.661 (16.79)	2.187 (55.55)
34	2 1/8-16 UN	1.903 (48.34)	2.437 (61.90)	2.073 (52.65)	2.130 (54.10)	1.903 (48.34)	0.661 (16.79)	2.375 (60.33)
36	2 1/4-16 UN	2.028 (51.51)	2.562 (65.07)	2.198 (55.83)	2.255 (57.28)	2.028 (51.51)	1.060 (26.92)	2.437 (61.90)

