

377-040 Composite Backshell with Optional Strain Relief Adapter, FiberCon

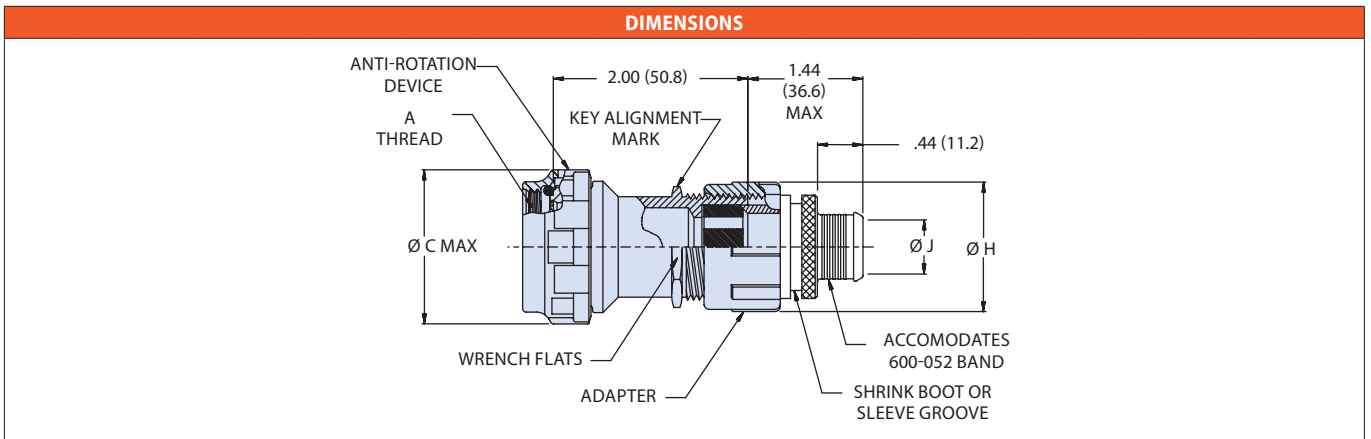
SuperNine® MIL-DTL-38999 Type



Shown with Gland Nut. Series 377-040 supports both light-duty strain relief as well as optional cable shield termination banding.

Series 377-040 FiberCon environmental composite backshell with straight or swept 90° profiles are designed for damage-free fiber media routing. Series is supplied with a strain relief nut and fiber axial alignment grommet. Optional shrink boot and banding adapter available for hybrid electrical/FO applications that require support for cable shield termination. Anti-decoupling device for improved vibration resistance, and detents to allow for axial positioning (clocking) of 90° backshell adapter.

HOW TO ORDER									
Sample Part Number	377	H	S	040	XO	19	A		
Basic Number	D38999 Series III Type								
Connector Designator	H = MIL-DTL-38999 Series III								
Angular Function	S = Straight W = 90° Elbow								
Basic Number	040 = FiberCon environmental composite backshell								
Material/Finish	See Material and Finish table								
Shell Size	See Dimensions table								
Strain Relief Style	A = Banding Adapter N = Nut								

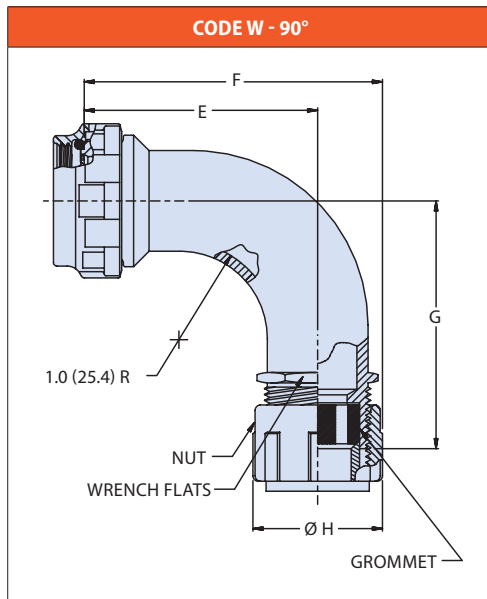
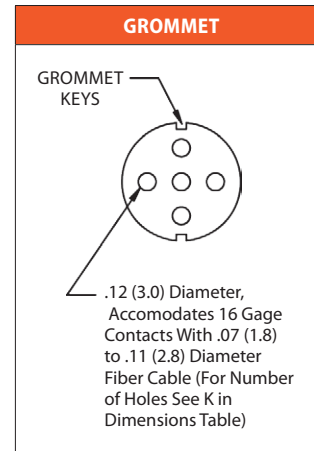


Shell Size	Connector Designator H			Connector Designator U			E ±.06 (1.5)	F ±.09 (2.3)	G ±.06 (1.5)	Ø H Max	Ø J Ref
	A Thread	Ø C	K (# of Holes) *	A Thread	Ø C	K (# of Holes) *					
11	M15 X 1 - 6H	.98 (24.9)	2	-	-	-	1.70 (43.2)	2.39 (60.7)	1.90 (48.3)	1.41 (35.8)	.25 (6.4)
13	M18 X 1 - 6H	1.16 (29.4)	4	11	5/8-28 UN	1.16 (29.4)	1.78 (45.2)	2.47 (62.7)	1.96 (49.8)	1.41 (35.8)	.31 (7.9)
15	M22 X 1 - 6H	1.28 (32.5)	5	13	3/4-28 UNS	1.28 (32.5)	1.82 (46.2)	2.51 (63.8)	2.02 (51.3)	1.41 (35.8)	.38 (9.7)
17	M25 X 1 - 6H	1.41 (35.7)	8	15	7/8-28 UN	1.41 (35.7)	1.89 (48.0)	2.70 (68.6)	2.09 (53.1)	1.64 (41.7)	.50 (12.7)
19	M28 X 1 - 6H	1.52 (38.5)	11	17	1-28 UN	1.52 (38.5)	1.93 (49.0)	2.74 (69.6)	2.13 (54.1)	1.64 (41.7)	.63 (16.0)
21	M31 X 1 - 6H	1.64 (41.7)	16	19	1-1/8-28 UN	1.64 (41.7)	2.00 (50.8)	2.94 (74.7)	2.19 (55.6)	1.89 (48.0)	.75 (19.1)
23	M34 X 1 - 6H	1.77 (44.9)	21	21	1-1/4-28 UN	1.77 (44.9)	2.08 (52.8)	3.02 (76.7)	2.25 (57.2)	1.89 (48.0)	.81 (20.6)
25	M37 X 1 - 6H	1.89 (48.0)	29	23	1-3/8-28 UN	1.89 (48.0)	2.14 (54.4)	3.20 (81.3)	2.32 (58.9)	2.16 (54.9)	.81 (20.6)
-	-	-	-	25	1-1/2-28 UN	2.02 (51.2)	2.22 (56.4)	3.28 (83.3)	2.39 (60.7)	2.16 (54.9)	.88 (22.4)

*Use Glenair 687-142 seal plug in vacant holes

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MATERIAL AND FINISH		
Code	Material	Finish Description
XB	Composite	No Plating - Black Color
XO		No Plating - Amber Color
XM		Electroless Nickel
XW		Cadmium Olive Drab over Electroless Nickel



SuperNine® MIL-DTL-38999 Type

MATERIAL AND FINISH

- Adapters, Elbow: High-grade engineering thermoplastic/see Material and Finish table
- Coupling Nut & Gland Nut: Thermoplastic/unplated
- Grommet, O-Ring: Silicone
- Anti-Rotation Device: Corrosion resistant material

NOTES

- Glenair 600 Series Backshell assembly tools are recommended for assembly and installation.
- Bandstrap may be ordered separately. See Glenair 600-052.