

377-014 Composite Thermoplastic Backshell, FiberCon

SuperNine® MIL-DTL-38999 Type



Series 377-014 supports both PEEK as well as Glenair Series 74 Teflon type convoluted tubing with either band attachment or lamp-thread (nut) attachment. All styles equipped with fiber alignment grommet matched to shell size.

MATERIAL AND FINISH

- Adapters, elbows, ferrules, coupling nut, nut: high-grade engineering thermoplastic
- Grommet, O-ring: fluorosilicone
- Anti-decoupling device: corrosion resistant material/N.A.

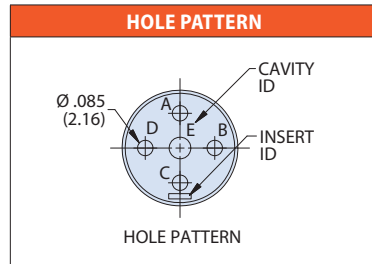
NOTES:

- Glenair 600 Series backshell assembly tools are recommended for assembly and installation.
- Standard Min. Order Length 1.5 inch, consult factory for shorter lengths.

MATERIAL AND FINISH		
Code	Material	Finish Description
-		Dash (-) For No Plating, Amber Color
XB		No Plating - Black Color
XM	Composite	Electroless Nickel
XW		Cadmium Olive Drab Over Electroless Nickel
XMT		Nickel-PTFE, Grey
XV		No plating - Purple

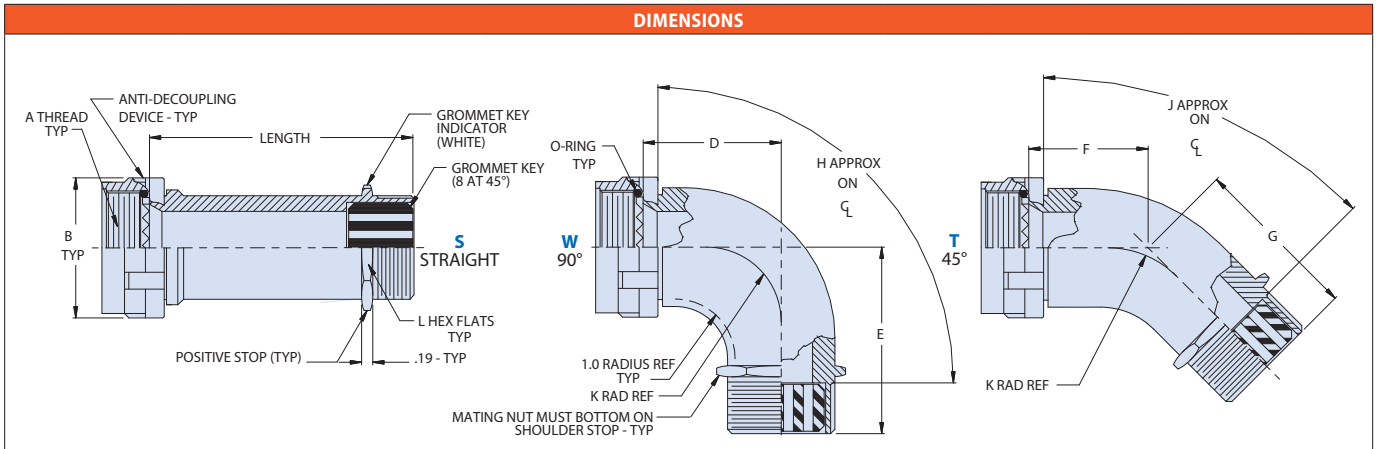
Series 377-014 FiberCon environmental composite backshell with swept 45° and 90° profiles are ideal for damage-free fiber media routing. Backshells offer a full range of connector-to-conduit adapters. Anti-decoupling device for improved vibration resistance, and detents to allow for axial positioning (clocking) of backshell adapter. Special wire grommet ensures axial alignment of fiber media. Optional purple color readily identifies fiber runs (purple conduit also available).

HOW TO ORDER									
Sample Part Number	377	H	S	014	XM	11	06	4	G
Basic Number	D38999 Series III Type								
Connector Designator	MIL-DTL-38999, Series III								
Angular Function	S = Straight; W = 90° Solid Elbow; T = 45° Solid Elbow								
Basic No.	-014 = FiberCon backshell composite tubing adapter								
Material/Finish	See Material and Finish table								
Shell Size	See Dimensions table								
Optional Entry Size	See Entry Size table; Omit for Std. Dimensions table								
Length	In 1/2 inch increments (Example: 3 = 1.5 Inches). Minimum 1.5" For code S Straight backshell only, omit for 45° or 90°								
Adapter	Code G - Gland Nut Code T - Band Termination Convoluted Tubing Adapter, Series 74 Code TB - Band Termination, Sr. 74 Convoluted Tubing Adapter, with Band Code K - Nut Termination Convoluted Tubing Adapter, PEEK Code TN - Nut Termination Convoluted Tubing Adapter, Series 74 Omit - Standard Shrink Boot Adapter								



377-014 Composite Thermoplastic Backshell, FiberCon

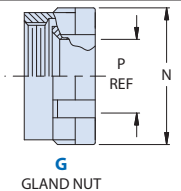
SuperNine® MIL-DTL-38999 Type



Shell Size	A Thread	ØB Max	Std. Conduit Size Ref.	D Max	E Max	F Max	G Max	H Approx	J Approx	K Ref	L Hex	Insert Arrangement	No. Of Holes
11	M15 X 1 - 6H	1.00 (25.40)	3/8	1.78 (45.21)	1.93 (49.02)	1.33 (33.78)	1.56 (39.62)	2.23 (56.64)	2.09 (53.09)	1.20 (30.48)	.938 (23.83)	11-2	2
13	M18 X 1 - 6H	1.12 (28.45)	7/16	1.84 (46.74)	1.98 (50.29)	1.39 (35.31)	1.62 (41.15)	2.28 (57.91)	2.21 (56.13)	1.26 (32.00)	.938 (23.83)	13-4	4
15	M22 X 1 - 6H	1.25 (31.75)	1/2	1.90 (48.26)	2.08 (52.83)	1.45 (36.83)	1.68 (42.67)	2.45 (62.23)	2.33 (59.18)	1.32 (33.53)	.938 (23.83)	15-5	5
17	M25 X 1 - 6H	1.38 (35.05)	5/8	1.97 (50.04)	2.14 (54.36)	1.51 (38.35)	1.74 (44.20)	2.47 (62.74)	2.44 (61.98)	1.38 (35.05)	1.250 (31.75)	17-8	8
19	M28 X 1 - 6H	1.50 (38.10)	3/4	2.11 (53.59)	2.18 (55.37)	1.54 (39.12)	1.77 (44.96)	2.54 (64.52)	2.50 (63.50)	1.43 (36.32)	1.250 (31.75)	19-11	11
21	M31 X 1 - 6H	1.62 (41.15)	7/8	2.07 (52.58)	2.25 (57.15)	1.61 (40.89)	1.84 (46.74)	2.64 (67.06)	2.64 (67.06)	1.49 (37.85)	1.500 (38.10)	21-16	16
23	M34 X 1 - 6H	1.75 (44.45)	1	2.14 (54.36)	2.31 (58.67)	1.67 (42.42)	1.89 (48.01)	2.76 (70.10)	2.75 (69.85)	1.55 (39.37)	1.500 (38.10)	23-21	21
25-37	M37 X 1 - 6H	1.88 (47.75)	1 1/4	2.19 (55.63)	2.19 (55.63)	1.73 (43.94)	1.96 (49.78)	2.84 (72.14)	2.87 (72.90)	1.62 (41.15)	1.812 (46.02)	25-37	37

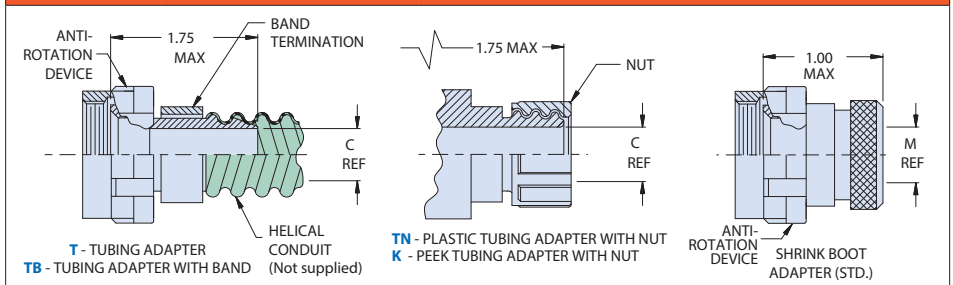
ADAPTER TYPES

GLAND NUT DIMENSIONS



Shell Size	P Ref	N Max
11	.53 (13.46)	1.38 (35.05)
13		
15	.77 (19.56)	1.56 (39.62)
17		
19		
21	1.00 (25.40)	1.81 (45.97)
23		
25-37	1.27 (32.26)	2.16 (54.86)

OPTIONAL ENTRY SIZE CODES AND DIMENSIONS - TYPES T, TB, TN, K, AND STANDARD BOOT ADAPTER



Entry Size	ØC Ref - Code T & TN	ØC Ref Code K	Optional Conduit Size Ref.
03	.188	.188	9/32
04	.236	-	5/32
05	.250	.265	3/8
06	.338	.330	7/16
07	.398	.390	1/2
08	.523	.515	5/8
10	.648	.640	3/4
11	.648	.640	3/4
13	.778	.765	7/8
15	.875	.869	1
17	1.078	1.125	1 1/4