337V*014 Self-Locking Convoluted Tubing Adapter, Composite

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, ferules, 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.

Series 37 Fiber-Con environmental composite backshells with straight, swept 45° and 90° profiles are ideal for 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 of backshell for improved cable routing. Special wire grommet ensures axial alignment of fiber media. Optional purple color readily identifies fiber runs (purple conduit also available).

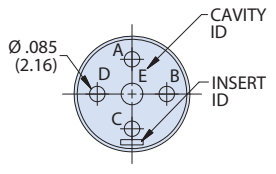
HOW TO ORDER

Sample Part Number	377	V	S	014	XM	11-10	06	4	G
Basic Number	Composite Backshell								
Connector Designator	Series 806 Mil-Aero								
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								

MATERIAL AND FINISH

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

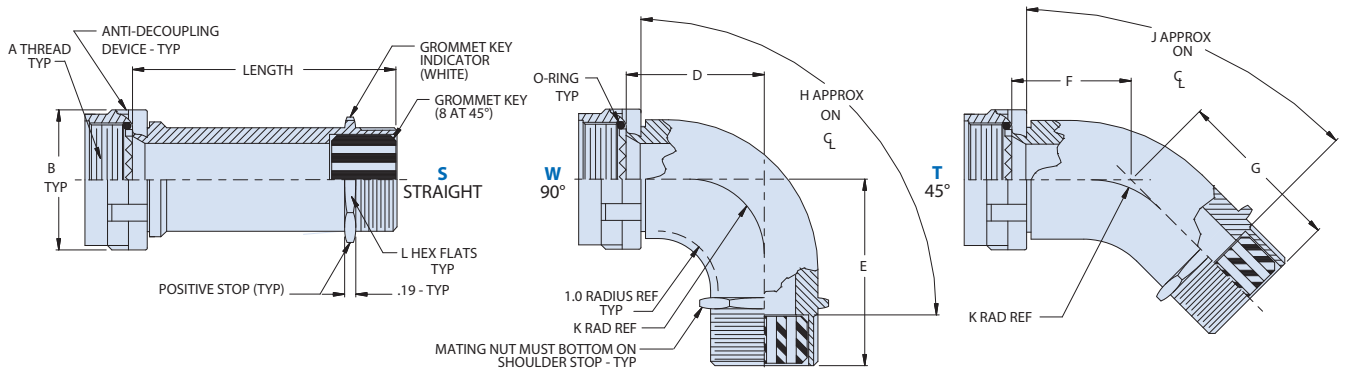
HOLE PATTERN



HOLE PATTERN

337V*014 Self-Locking Convoluted Tubing Adapter, Composite

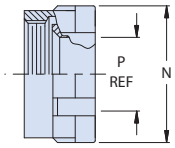
DIMENSIONS



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 Flats	No. Of Holes	Max Alt. Std. Entry
11-10	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)	10	08
16-31	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)	31	08
18-41	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)	41	11
20-55	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)	55	11
22-69	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)	69	15
24-92	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)	92	15

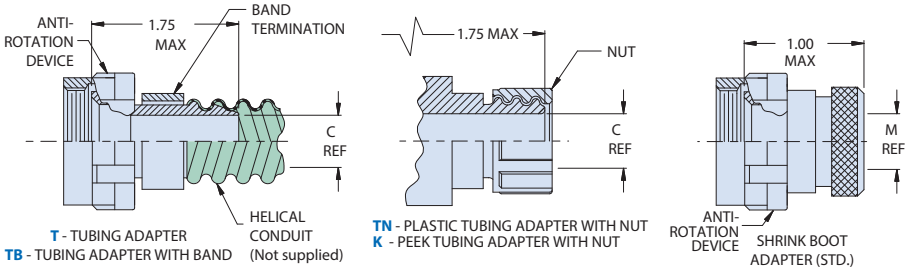
ADAPTER TYPES

GLAND NUT DIMENSIONS



Shell Size	P Ref	N Max
11-10	.53 (13.46)	1.38 (35.05)
16-31		
18-41	.77 (19.56)	1.56 (39.62)
20-55		
22-69	1.00 (25.40)	1.81 (45.97)
24-92		

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 (4.78)	.188 (4.78)	9/32
04	.236 (5.99)	-	5/32
05	.250 (6.35)	.265 (6.73)	3/8
06	.338 (8.59)	.330 (8.38)	7/16
07	.398 (10.11)	.390 (9.91)	1/2
08	.523 (13.28)	.515 (13.08)	5/8
10	.648 (16.46)	.640 (16.26)	3/4
11	.648 (16.46)	.640 (16.26)	3/4
13	.778 (19.76)	.765 (19.43)	7/8
15	.875 (22.23)	.089 (2.26)	1
17	1.078 (27.38)	1.125 (28.58)	1 1/4