

377-041 Composite Fiber-Optic Conduit Backshell Self-Locking Rotatable Coupling

CONNECTOR DESIGNATOR:

H - MIL-DTL-38999 Series III and IV
U - DG123 and DG123A

SELF-LOCKING

**ROTATABLE
COUPLING**

STANDARD PROFILE

Product Series

377 - Fiber Optic Strain Relief

Angle and Profile

S - Straight
W - 90° Elbow

Finish Symbol

(See Table I)

Add letter **K** for transition to accommodate PEEK conduit material. **Omit** for standard Teflon conduit material.

377

H

S

041

XM

19

K

T

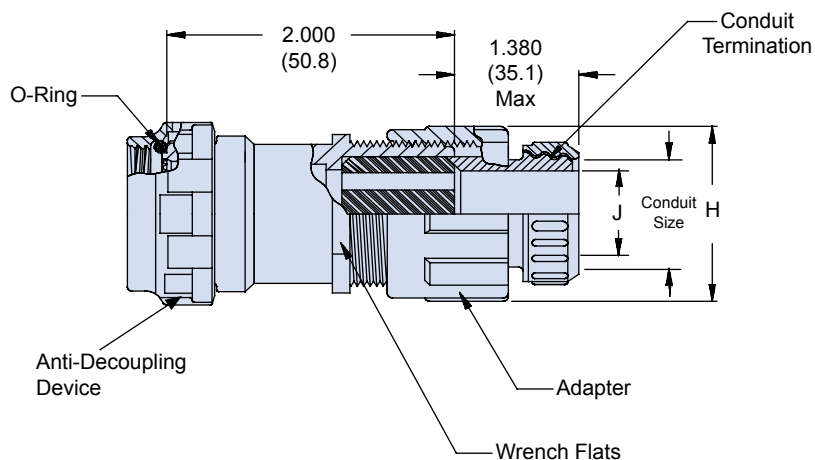
Connector
Designator
H and U

Basic Part
Number

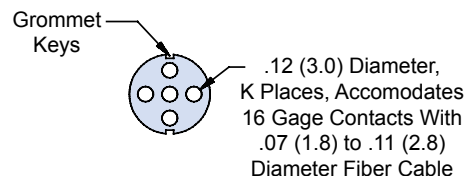
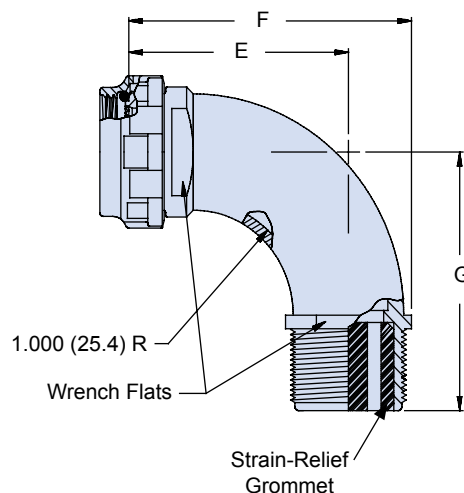
Connector
Shell Size
(See Table II)

Shrink Boot Option
(Omit for none)

C



* Conduit I.D. Accommodates Glenair Series 74 Type A Convolute Tubing, In Accordance With SAE-AMS-T-81914.



Note: See Table II For Front-End Details and Shell Size References

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Self-Locking Rotatable Coupling



Convolved
Tubing

TABLE I

Symbol	Finish Description
XB	No Plating - Black Color, Non-Conductive
XO	No Plating - Brown Color, Non-Conductive

C

TABLE II: CONNECTOR SHELL SIZE ORDER NUMBER

Shell Size For														
Conn. Desig.		E		F		G		H		J		Conduit	K (# of Holes) *	
H	U	± .06	(1.5)	± .09	(2.3)	± .06	(1.5)	(Max)		(Ref.)	Size		Code H	Code U
11	---	1.70	(43.2)	2.39	(60.7)	1.90	(48.3)	1.41	(35.8)	.270	(6.9)	12	2	---
13	11	1.78	(45.2)	2.47	(62.7)	1.96	(49.8)	1.41	(35.8)	.330	(8.4)	14	4	2
15	13	1.82	(46.2)	2.51	(63.8)	2.02	(51.3)	1.41	(35.8)	.390	(9.9)	16	5	4
17	15	1.89	(48.0)	2.70	(68.6)	2.09	(53.1)	1.64	(41.7)	.510	(13.0)	20	8	5
19	17	1.93	(49.0)	2.74	(69.6)	2.13	(54.1)	1.64	(41.7)	.640	(16.3)	24	11	8
21	19	2.00	(50.8)	2.94	(74.7)	2.19	(55.6)	1.89	(48.0)	.770	(19.6)	28	16	11
23	21	2.08	(52.8)	3.02	(76.7)	2.25	(57.2)	1.89	(48.0)	.890	(22.6)	32	21	16
25	23	2.14	(54.4)	3.20	(81.3)	2.32	(58.9)	2.16	(54.9)	.890	(22.6)	32	29	21
---	25	2.22	(56.4)	3.28	(83.3)	2.39	(60.7)	2.16	(54.9)	.890	(22.6)	32	---	29

* Use Glenair 687-142 seal plug in vacant holes

Metric dimensions (mm) are in parentheses and are for reference only.