



319-064 Composite Self-Locking Rotatable Coupling Swing-Arm Strain Relief with Nickel/Copper EMI/RFI Shield Sock & Optional Split Ring

CONNECTOR DESIGNATOR

MIL-DTL-38999 Series I, II (F)

(for Series II see note 6)

MIL-DTL-38999 Series III and IV (H)

F-H

SELF-LOCKING

**ROTATABLE
COUPLING**

Product Series

319

F

Basic Number

064

XO

Shell Size

16

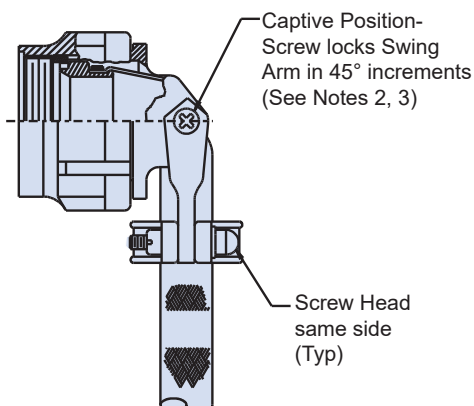
R

Connector Designator
(F and H)

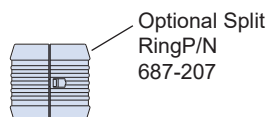
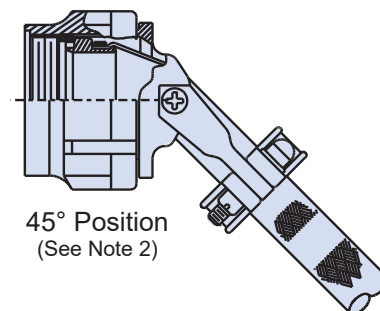
Finish

**R = Split Ring (687-207) &
Band (600-052) supplied
(Omit if not required)**

90° Position



45° Position
(See Note 2)

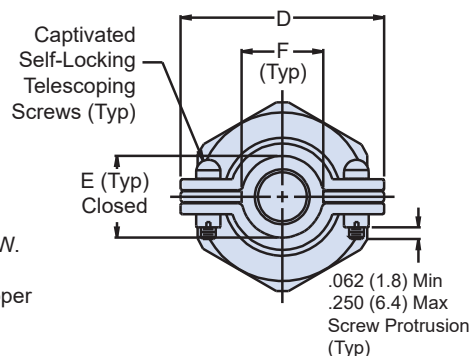
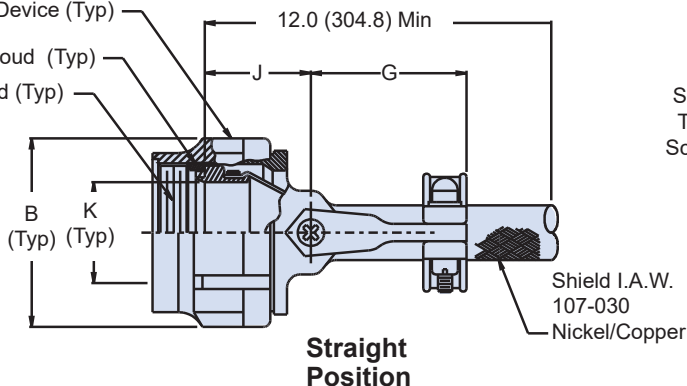
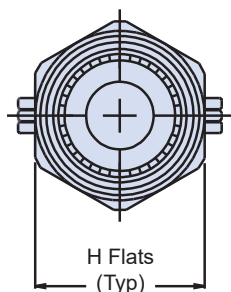


U.S. PATENT NO. 6419519

Anti-Rotation Device (Typ)

EMI Shroud (Typ)

A Thread (Typ)



319-064
Composite Self-Locking Rotatable Coupling
Composite Swing-Arm Strain Relief with
Nickel/Copper EMI/RFI Shield Sock & Optional Split Ring



TABLE II: FINISHES

Symbol	Finish	Symbol	Finish
XB	Composite Material, No Plating, Color Black, Brass Interface Shroud and Adapter - Nickel Plated	XN	Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Selectively Cadmium Plated
XMT	Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Ni-PTFE 1000 Hour Grey™ (Nickel-Fluorocarbon Polymer)	XO	Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Nickel Plated

TABLE III: CONNECTOR SHELL SIZE ORDER NUMBER

Shell Size for Connector Designator		B Dia Max	D Max	E ±.06 (1.5)	F Min	G Max	H Flats		J ±.06 (1.5)	K Ref Designator F	K Ref Designator H
F	H						Min	Max			
08	09	.812 (20.6)	.980 (24.9)	.265 (6.7)	.220 (5.9)	1.060 (26.9)	.750 (19.1)	.736 (18.7)	.94 (23.9)	.265 (6.7)	.269 ±.005 (6.8 ±.02)
10	11	.938 (23.8)	1.050 (26.7)	.310 (7.9)	.270 (6.9)	1.090 (27.7)	.875 (22.2)	.860 (21.8)	.97 (24.6)	.370 (9.4)	.402 ±.010 (10.2 ±.25)
12	13	1.125 (28.6)	1.200 (30.5)	.390 (9.9)	.350 (8.9)	1.180 (30.0)	1.000 (25.4)	.980 (24.9)	1.03 (26.2)	.506 (12.9)	.516 ±.010 (13.1 ±.25)
14	15	1.250 (31.8)	1.300 (33.0)	.506 (12.9)	.470 (11.9)	1.240 (31.5)	1.125 (28.6)	1.100 (27.9)	1.09 (27.7)	.580 (14.7)	.641 ±.010 (16.3 ±.25)
16	17	1.375 (34.9)	1.440 (36.6)	.591 (15.0)	.550 (14.0)	1.320 (33.5)	1.250 (31.8)	1.224 (31.1)	1.12 (28.4)	.705 (17.9)	.766 ±.010 (19.5 ±.25)
18	19	1.500 (38.1)	1.560 (39.6)	.661 (16.8)	.620 (15.7)	1.390 (35.3)	1.375 (34.9)	1.348 (37.3)	1.15 (29.2)	.784 (19.9)	.853 ±.019 (19.5 ±.48)
20	21	1.625 (41.3)	1.690 (42.9)	.744 (18.9)	.700 (17.8)	1.550 (39.4)	1.500 (38.1)	1.469 (38.1)	1.18 (30.0)	.909 (23.1)	.988 ±.019 (25.1 ±.48)
22	23	1.750 (44.5)	1.770 (45.0)	.826 (21.0)	.780 (19.8)	1.550 (39.4)	1.625 (41.3)	1.581 (40.2)	1.25 (31.8)	1.034 (26.3)	1.113 ±.019 (28.3 ±.48)
24	25	1.875 (47.6)	1.890 (48.0)	.896 (22.8)	.850 (21.6)	1.610 (40.9)	1.750 (44.5)	1.690 (49.8)	1.28 (32.5)	1.149 (29.2)	1.238 ±.019 (31.5 ±.25)

Consult factory for additional entry sizes available.

APPLICATION NOTES

- Glenair series 600 Backshell assembly Tools are recommended for assembly and installation.
- Swing Arm locks in 45° increments—Sizes 08 thru 24, additional positioning increments are manufacturer's option.
- Captive Screw can remain engaged to the body when positioning the Arm. When tightened, the Screw shall not protrude into the inside surfaces.
- Fits Connector Designators: MIL-DTL-38999 Series I, II (F), MIL-DTL-38999 Series III and IV (H), MIL-DTL-5015 (A), and MIL-DTL-26482 (A).
- Metric dimensions (mm) are indicated in parentheses.
- For Mil-DTL-38999 Series II, add Mod Code -475. Backshell supplies less shroud.