

# 319-064

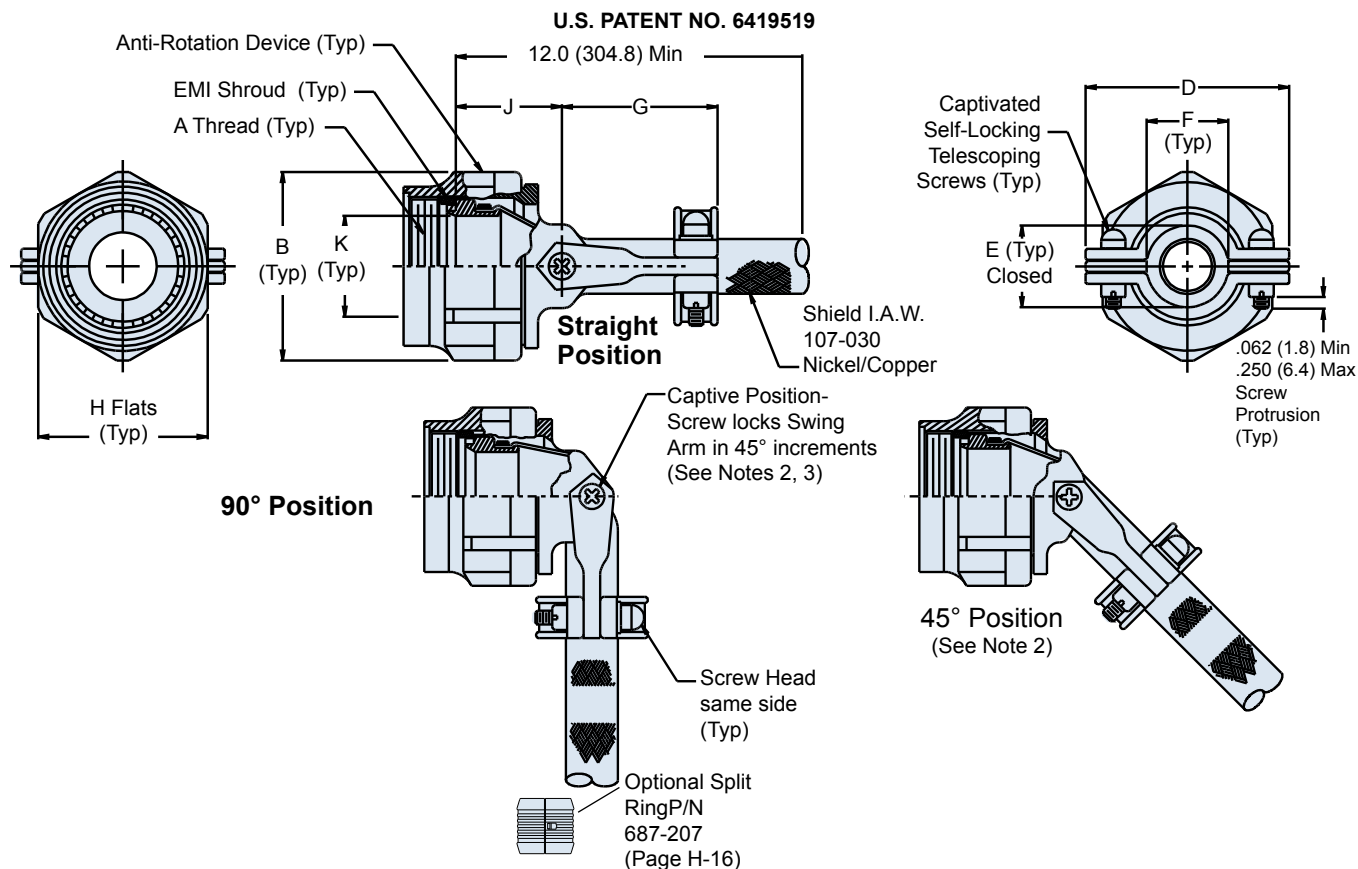
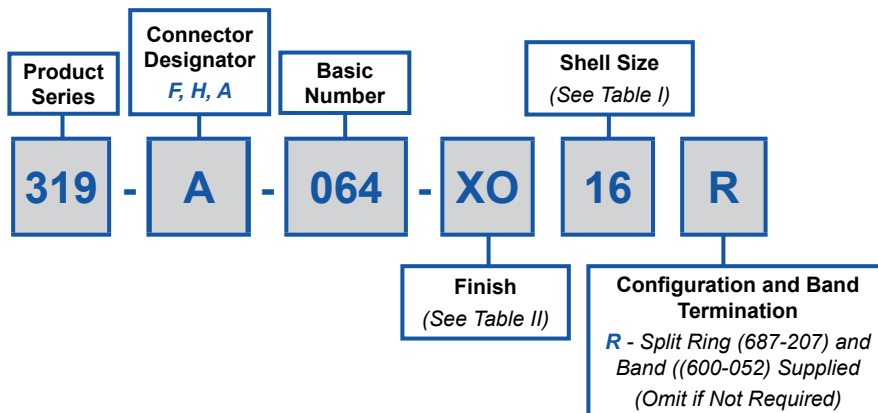
## Self-Locking Rotatable Coupling

### Composite Swing-Arm Strain Relief with Nickel/Copper EMI/RFI Shield Sock & Optional Split Ring

## CONNECTOR DESIGNATOR:

**A** - MIL-DTL-5015 / -26482 / -83723  
**F** - MIL-DTL-38999 Series I, II  
**H** - MIL-DTL-38999 Series III and IV

SELF-LOCKING

ROTATABLE  
COUPLING

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

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See Page H-2 for Table I: Backshell Interface Dimensions

**TABLE I: CONNECTOR SHELL SIZE ORDER NUMBER**

| Shell Size for<br>Connector<br>Designator* |    |    | B Dia        | D            | E           | F           | G            | H Flats      |              | J            | K            |
|--------------------------------------------|----|----|--------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| A                                          | F  | H  | Max          | Max          | ±.06 (1.5)  | Min         | Max          | Max          | Min          | ±.06 (1.5)   | Ref          |
| 08                                         | 08 | 09 | .812 (20.6)  | .980 (24.9)  | .265 (6.7)  | .220 (5.9)  | 1.060 (26.9) | .750 (19.1)  | .736 (18.7)  | .940 (23.9)  | .265 (6.7)   |
| 10                                         | 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)  | .970 (24.6)  | .370 (9.4)   |
| 12                                         | 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)  | 1.030 (26.2) | .506 (12.9)  |
| 14                                         | 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) | 1.090 (27.7) | .580 (14.7)  |
| 16                                         | 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) | 1.120 (28.4) | .705 (17.9)  |
| 18                                         | 18 | 19 | 1.500 (38.1) | 1.560 (39.6) | .661 (16.8) | .620 (15.7) | 1.390 (35.3) | 1.375 (34.9) | 1.469 (37.3) | 1.150 (29.2) | .784 (19.9)  |
| 20                                         | 20 | 21 | 1.625 (41.3) | 1.690 (42.9) | .744 (18.9) | .700 (17.8) | 1.550 (39.4) | 1.500 (38.1) | 1.500 (38.1) | 1.180 (30.0) | .909 (23.1)  |
| 22                                         | 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) | 1.250 (31.8) | 1.034 (26.3) |
| 24                                         | 24 | 25 | 1.875 (47.6) | 1.890 (48.0) | .896 (22.8) | .850 (21.6) | 1.610 (40.9) | 1.750 (44.5) | 1.960 (49.8) | 1.280 (32.5) | 1.149 (29.2) |

**TABLE II: FINISHES**

| Symbol      | Finish                                                                                                                 |
|-------------|------------------------------------------------------------------------------------------------------------------------|
| <b>XB</b>   | Composite Material, No Plating, Color Black, Brass Interface Shroud and Adapter - Nickel Plated                        |
| <b>XMT*</b> | Ni-PTFE 1000 Hour Grey™ (Nickel-Fluorocarbon Polymer)                                                                  |
| <b>XN</b>   | Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Selectively Cadmium Plated |
| <b>XO</b>   | Composite Material, No Plating, Color Black and Brown, Brass Interface Shroud and Adapter - Nickel Plated              |
| <b>XW*</b>  | Cadmium Olive Drab over Electroless Nickel                                                                             |

\* Note: Coupling Nut, Saddle Bars and Arms supplied unplated.

**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 remains 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)

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