



**627-122**  
**Composite Self-Locking Rotatable Coupling**  
**Swing-Arm Strain Relief**  
**for Connector Designators F & H**

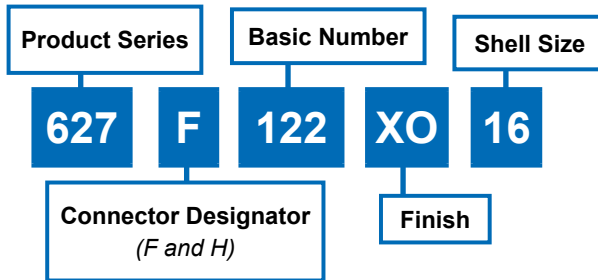
**CONNECTOR  
DESIGNATOR**

MIL-DTL-38999 Series I, II (F)  
MIL-DTL-38999 Series III and IV (H)

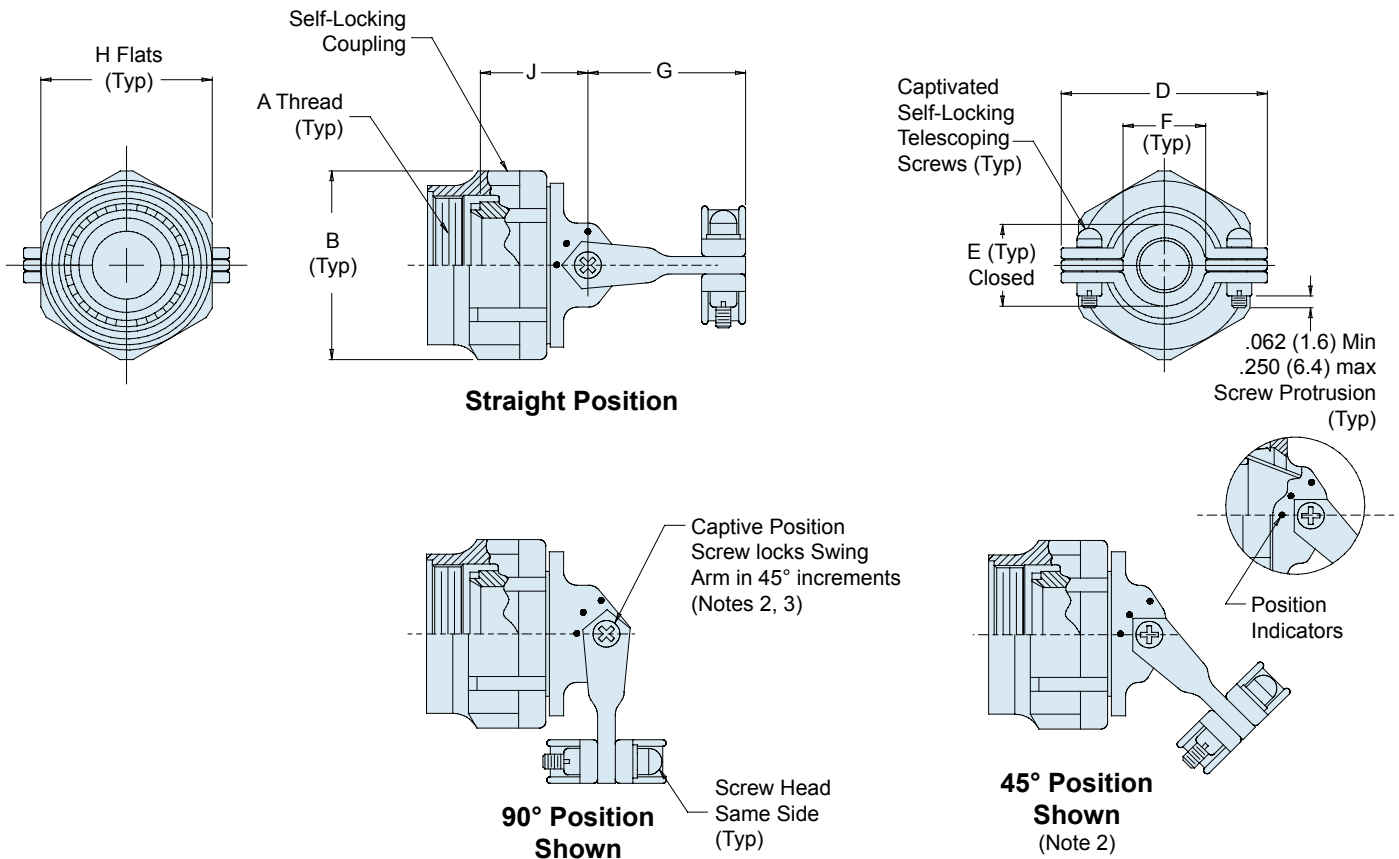
**F-H**

**SELF-LOCKING**

**ROTATABLE  
COUPLING**



U.S. PATENT NO. 6419519



**H**

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**TABLE II: FINISHES**

Symbol	Finish
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 ±.03 (0.8)
F	H						Max	Min	
08	09	.812 (20.6)	.980 (24.9)	.265 (6.7)	.220 (5.9)	1.060 (26.9)	.750 (19.1)	.736 (18.7)	.880 (22.4)
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)	.910 (23.1)
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)	.950 (24.1)
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)	1.010 (25.7)
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)	1.050 (26.7)
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)	1.080 (30.0)
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)	1.120 (28.4)
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)	1.160 (29.5)
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)	1.200 (30.5)

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.
- Metric dimensions (mm) are indicated in parentheses.