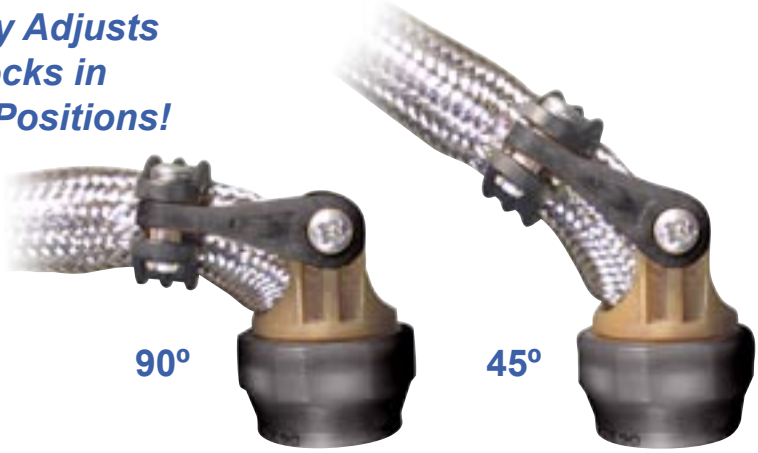
Composite Swing-Arm Strain Relief Backshell

THE SILVER BULLET

With Self-Locking Rotatable Coupling and a Choice of Integrated Nickel/Copper or DuPont™ Aracon® EMI/RFI Shield Sock

Quickly Adjusts and Locks in Three Positions!



Straight

Save Money and Reduce Uneccessary Inventory with this Three-in-One Part!

Glenair's patented composite swing arm strain relief backshell–*The Silver Bullet*–provides lightweight and corrosion free termination of EMI/RFI cable shielding. This one-of-a-kind backshell is quickly becoming the standard shield termination device for both military and commerical areospace applications. Made from high-temperature composite thermoplastic, these rugged assemblies offer easy installation, long term performance, and outstanding weight and cost reduction. Performance tested to stringent AS85049 mechanical and electrical standards, Glenair's composite swing arm strain reliefs are in stock and ready for immediate shipment. U.S. Patent No. 6419519.

Glenair®

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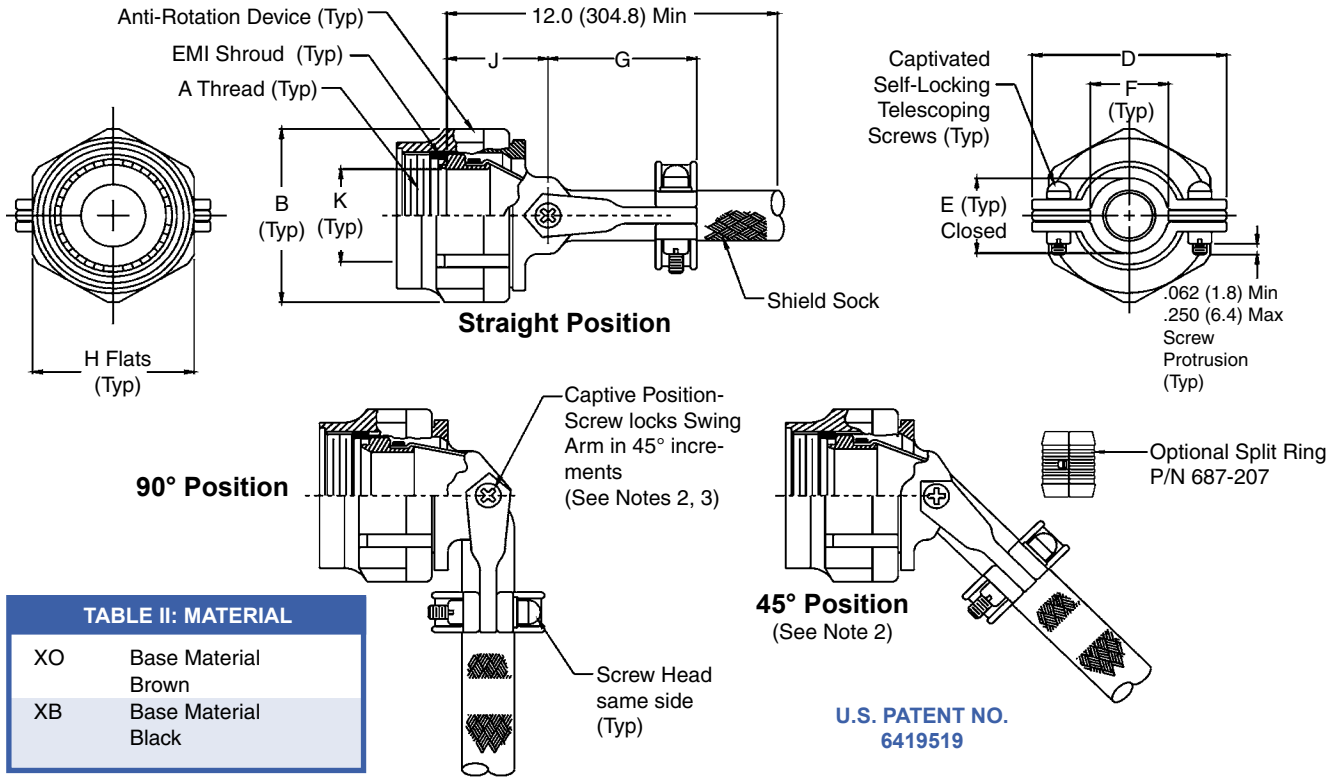
Self-Locking Rotatable Coupling
Composite Three-in-One Swing-Arm Strain Relief
with Nickel/Copper or DuPont™ Aracon® EMI/RFI Shield Sock & Optional Split Ring

319 A 064 XO 16 R

- Product Series
- Connector Designator (A, F & H)
- Basic Number
  - 064 - Nickel/Copper EMI/RFI Shield Sock
  - 065 - DuPont™ Aracon® EMI/RFI Shield Sock
- Material (Table II)
- Connector Shell Size (Table I)
- R = Split Ring (687-207) and Band (600-052) Supplied. (Omit if Not Required)



U.S. PATENT NO. 6419519

TABLE II: MATERIAL

XO	Base Material Brown
XB	Base Material Black

TABLE I: CONNECTOR SHELL SIZE ORDER NUMBER

Shell Size for Connector Designator*			B Dia	D	E	F	G	H Flats		J	K
A	F	H	Max	Max	±.06 (1.5)	Min	Max	Max	Min	±.03 0.8	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)	.880 (22.4)	.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)	.910 (23.1)	.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)	.950 (24.1)	.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)	1.010 (25.7)	.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)	1.050 (26.7)	.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)	1.080 (30.0)	.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)	1.120 (28.4)	.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)	1.160 (29.5)	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)	1.200 (30.5)	1.149 (29.2)

**Consult factory for additional entry sizes available.

NOTES:

1. Glenair series 600 Backshell assembly Tools are recommended for assembly and installation.
2. Swing Arm locks in 45° increments–Sizes 08 thru 24, additional positioning increments are manufacturer's option.
3. Captive Screw can remain engaged to the body when positioning the Arm. Tightened screw shall not protrude into the inside surfaces.
4. Shield sock termination porch and connector interface teeth plated for backshell to connector grounding. Consult factory for plating options.

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

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