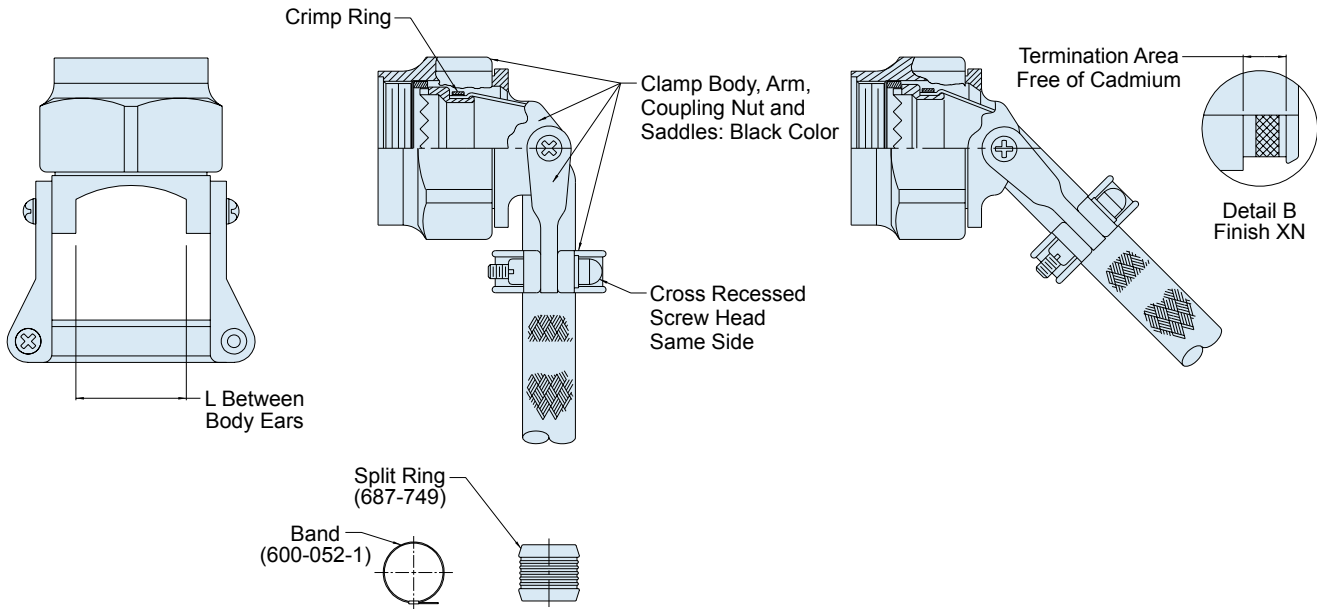
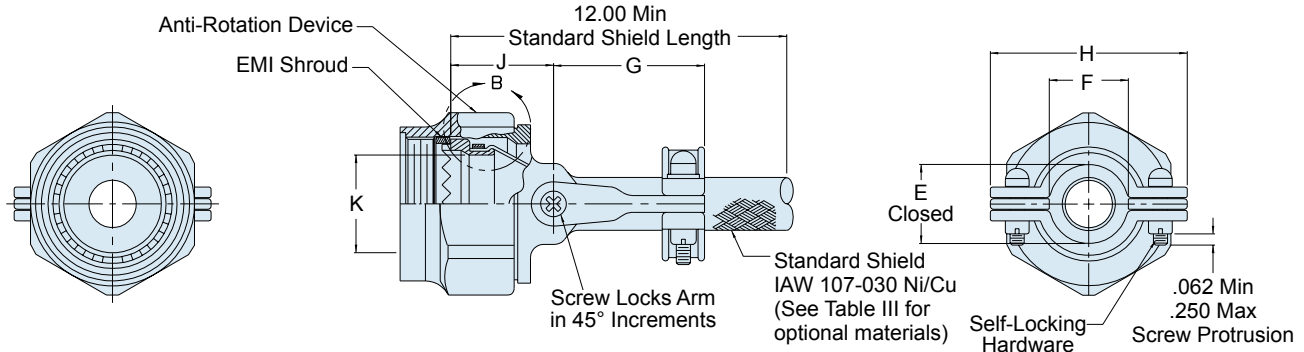
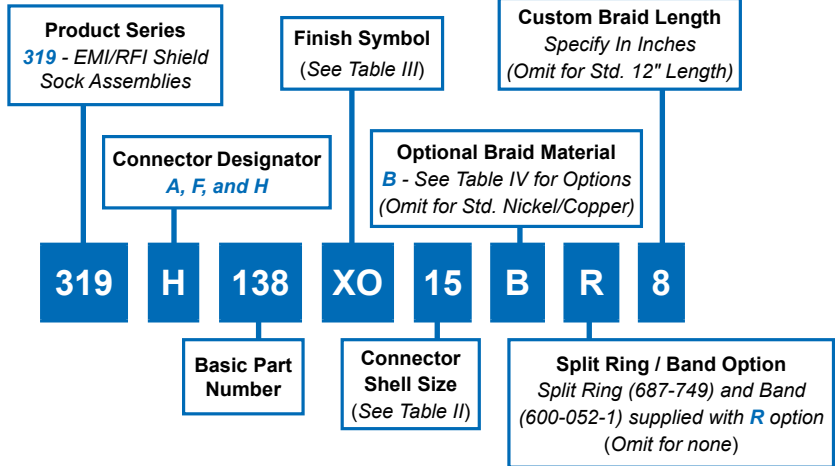




319-138 "Wide Mouth" Composite Swing-Arm Strain Relief with Shield Sock and Self-Locking Rotatable Coupling

A

CONNECTOR DESIGNATOR:	
A	MIL-DTL-5015, -26482 Series II, and -83723 Series I and III
F	MIL-DTL-38999 Series I, II
H	MIL-DTL-38999 Series III and IV
SELF-LOCKING	
ROTATABLE COUPLING	
LOW PROFILE	



319-138 "Wide Mouth" Composite Swing Arm Backshell with Shield Sock and Self-Locking Rotatable Coupling



TABLE I: CONNECTOR DESIGNATOR 'A'

Dash Number	Shell Size	A Thread Class 2B	B Diameter Max	H Max	K Max
08	08	1/2-20 UNF	.65 (16.5)	.98	.265
10	10	5/8-24 UNEF	.77 (19.6)	1.05	.370
12	12	3/4-20 UNEF	.91 (23.1)	1.20	.506
14	14	7/8-20 UNEF	1.03 (26.2)	1.30	.580
16	16	1-20 UNEF	1.15 (29.2)	1.44	.705
18	18	1 1/16-28 UNEF	1.22 (31.0)	1.56	.784
20	20	1 3/16-18 UNEF	1.34 (34.0)	1.69	.909
22	22	1 5/16-18 UNEF	1.47 (37.3)	1.77	1.034
24	24	1 7/16-18 UNEF	1.59 (40.4)	1.89	1.149
28	26	1 3/4-18 UNEF	1.97 (50.0)	2.12	1.379

TABLE I: CONNECTOR DESIGNATOR 'F'

Dash Number	Shell Size	A Thread Class 2B	B Diameter Max	H Max	K Max
08	08 (09)	7/16-28 UNEF	.59 (15.0)	.85	.274
10	10 (11)	9/16-24 UNEF	.72 (18.3)	.90	.412
12	12 (13)	11/16-24 UNEF	.84 (21.3)	1.10	.526
14	14 (15)	13/16-20 UNEF	.97 (24.6)	1.15	.651
16	16 (17)	15/16-20 UNEF	1.09 (27.7)	1.30	.776
18	18 (19)	1 1/16-18 UNEF	1.22 (31.0)	1.50	.872
20	20 (21)	1 3/16-18 UNEF	1.34 (34.0)	1.60	1.007
22	22 (23)	1 5/16-18 UNEF	1.47 (37.3)	1.70	1.132
24	24 (25)	1 7/16-18 UNEF	1.59 (40.4)	1.80	1.257

TABLE I: CONNECTOR DESIGNATOR 'H'

Dash Number	Shell Size	A Thread Class 2B	B Diameter Max	H Max	K Max
09	09 (A)	M12 X 1.0 - 6H	.65 (16.5)	.98	.264
11	11 (B)	M15 X 1.0 - 6H	.77 (19.6)	1.05	.390
13	13 (C)	M18 X 1.0 - 6H	.89 (22.6)	1.20	.504
15	15 (D)	M22 X 1.0 - 6H	1.03 (26.2)	1.30	.630
17	17 (E)	M25 X 1.0 - 6H	1.15 (29.2)	1.44	.756
19	19 (F)	M28 X 1.0 - 6H	1.28 (32.5)	1.56	.843
21	21 (G)	M31 X 1.0 - 6H	1.41 (35.8)	1.69	.969
23	23 (H)	M34 X 1.0 - 6H	1.53 (38.9)	1.77	1.091
25	25 (J)	M37 X 1.0 - 6H	1.66 (42.2)	1.89	1.217

TABLE II: FINISHES

Symbol	Finish
XB	Composite Material—No Plating, Color Black, Brass Interface Shroud and Adapter—Nickel Plated
XMT	Composite Material—No Plating, Color Black and Brown, Brass Interface Shroud and Adapter—Ni-PTFE (Nickel-Fluorocarbon Polymer)
XN	Composite Material—No Plating, Color Black and Brown, Brass Interface Shroud and Adapter—Selectively Cadmium Plated (see figure B)
XO	Composite Material—No Plating, Color Black and Brown, Brass Interface Shroud and Adapter—Nickel Plated

Coupling Nut supplied unplated.

TABLE I CONTINUED

C Max	D Flats Max	E ± .031	F Min	G Max	J Max	L Max
.86 (21.8)	.75 (19.1)	.265	.22	1.06	.94	.393
.98 (24.9)	.88 (22.2)	.310	.27	1.09	.97	.455
1.16 (29.4)	1.00 (25.4)	.390	.35	1.18	1.03	.598
1.28 (32.5)	1.13 (28.6)	.506	.47	1.24	1.09	.710
1.41 (35.7)	1.25 (31.8)	.591	.55	1.32	1.12	.839
1.52 (38.5)	1.38 (39.9)	.661	.62	1.39	1.15	.934
1.64 (41.7)	1.50 (38.1)	.744	.70	1.49	1.18	1.068
1.77 (44.9)	1.63 (41.3)	.826	.78	1.55	1.25	1.197
1.89 (48.0)	1.75 (44.5)	.896	.85	1.61	1.28	1.323
2.16 (54.8)	2.00 (50.8)	.950	.95	1.91	1.42	1.542