

620-072

Composite Strain-Relief Clamp with Self-Locking Rotatable Coupling Straight, 45° & 90°

CONNECTOR DESIGNATOR:

A	MIL-DTL-83723, Series III
F	MIL-DTL-38999 Series I and II
H	MIL-DTL-38999 Series III and IV

SELF-LOCKING

ROTATABLE COUPLING

STANDARD PROFILE

Product Series

620 - Strain Relief
Clamp

Basic Part Number

620

H

072

Dash Number

(See Table I)

XB

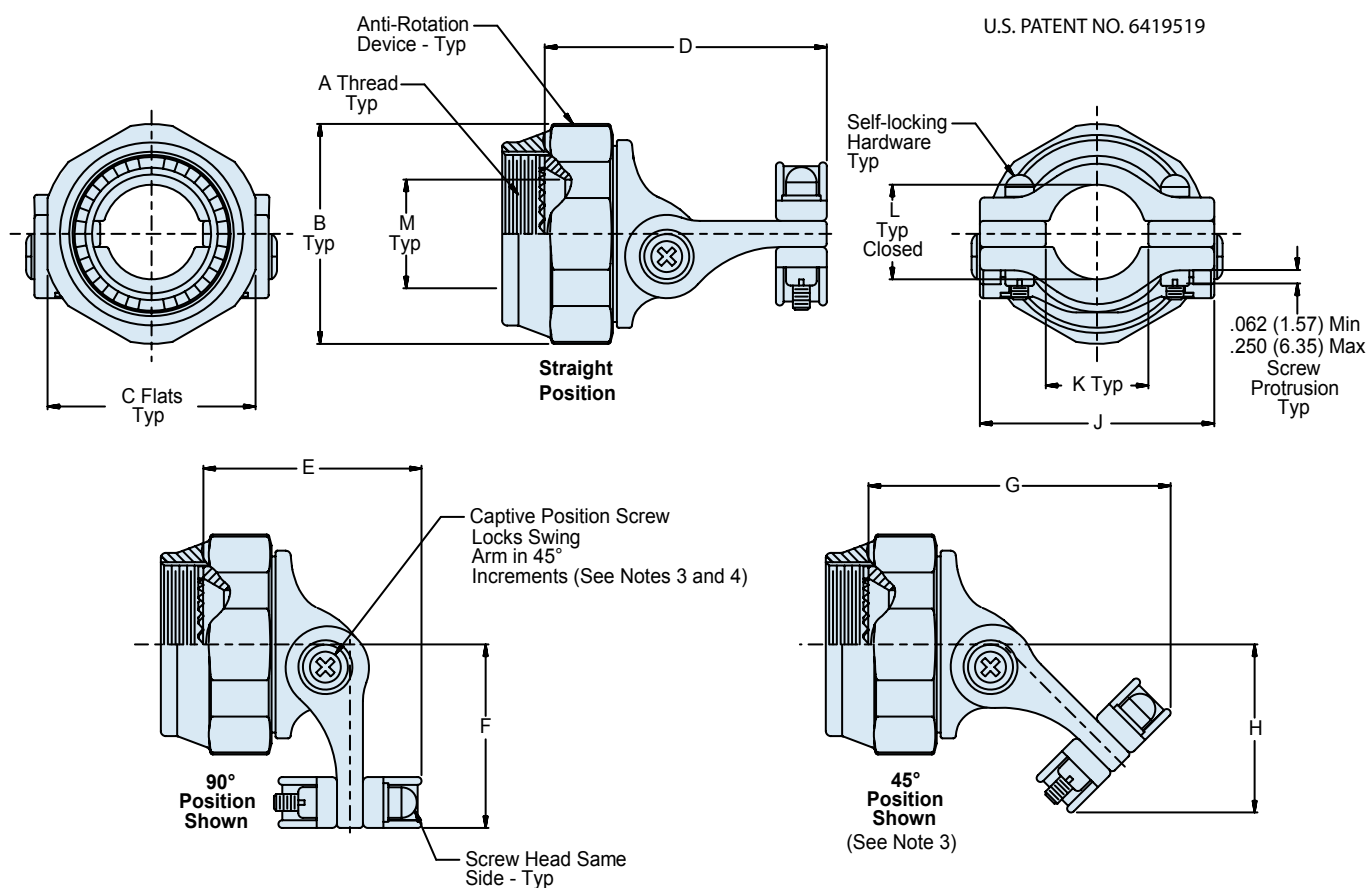
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Connector Designator

A = MIL-DTL-83723 Series III
F = MIL-DTL-38999 Series I and II
H = MIL-DTL-38999 Series III and IV

**Black
Composite**

U.S. PATENT NO. 6419519



APPLICATION NOTES

- Assembly identified with manufacturer's name and P/N, space permitting.
- Glenair 600 Series backshell assembly tools are recommended for assembly and installation.
- Swing arm locks in 45° increments in sizes 09 through 25. Additional positioning increments is manufacturer's option.
- Screw is captive to the arm when disengaged. When tightened, the screw shall not protrude into the inside surfaces.
- Material/Finish:
Clamp body, coupling nut, saddles - High grade engineering thermoplastic, black/no plating.
Clamp hardware - CRES/Passivate.
Anti-Rotation device - Corrosion resistant material.

620-072
Composite Strain-Relief Clamp
with Self-Locking Rotatable Coupling
Straight, 45° & 90°



Composite
Backshells

TABLE I: Dash Number, Shell Size Ref., Thread and Dimensions (Continued Below)

Connector Designator A			Connector Designator F			Connector Designator H			B Max Dia	C Flats	
Dash No.	Shell Size Ref	A Thread Class 2B	Dash No.	Shell Size Ref	A Thread Class 2B	Dash No.	Shell Size Ref	A Thread ISO Metric		Max	Min
08	8	1/2-20 UNF	08	08	7/16-28 UNF	09	A	M12 x 1.0-6H	.812 (20.62)	.750 (19.05)	.736 (18.69)
10	10	5/8-24 UNEF	10	10	9/16-24 UNEF	11	B	M15 x 1.0-6H	.938 (23.83)	.875 (22.23)	.860 (21.84)
12	12	3/4-20 UNEF	12	12	11/16-24 UNEF	13	C	M18 x 1.0-6H	1.125 (28.58)	1.000 (25.40)	.980 (24.89)
14	14	7/8-20 UNEF	14	14	13/16-20 UNEF	15	D	M22 x 1.0-6H	1.250 (31.75)	1.125 (28.58)	1.000 (25.40)
16	16	1-20 UNEF	16	16	15/16-20 UNEF	17	E	M25 x 1.0-6H	1.375 (34.93)	1.250 (31.75)	1.224 (31.09)
18	18	1 1/16-18 UNEF	18	18	1 1/16-18 UNEF	19	F	M28 x 1.0-6H	1.500 (38.10)	1.375 (34.93)	1.348 (34.24)
20	20	1 3/16-18 UNEF	20	20	1 3/16-18 UNEF	21	G	M31 x 1.0-6H	1.625 (41.28)	1.500 (38.10)	1.469 (38.00)
22	22	1 5/16-18 UNEF	22	22	1 5/16-18 UNEF	23	H	M34 x 1.0-6H	1.750 (44.45)	1.625 (41.28)	1.581 (40.16)
24	24	1 7/16-18 UNEF	24	24	1 7/16-18 UNEF	25	I	M37 x 1.0-6H	1.875 (47.63)	1.750 (44.45)	1.690 (42.93)

A

TABLE I: Dash Number, Shell Size Ref., Thread and Dimensions (Continued From Above)

D Max	E Max	F Max	G Max	H Max	J Max	K Min	L Max	M Min
1.400 (35.56)	.850 (21.59)	.840 (21.34)	1.330 (33.78)	.760 (19.30)	.980 (24.89)	.220 (5.59)	.265 (6.73)	.264 (6.71)
1.440 (36.58)	.890 (22.61)	.900 (22.86)	1.390 (35.31)	.820 (20.83)	1.050 (26.67)	.270 (6.86)	.310 (7.87)	.390 (9.91)
1.520 (38.61)	1.040 (26.42)	1.000 (25.40)	1.540 (39.12)	.920 (23.37)	1.200 (30.48)	.350 (8.89)	.390 (9.91)	.504 (12.80)
1.530 (38.86)	1.140 (28.96)	1.070 (27.18)	1.630 (41.40)	.980 (24.89)	1.300 (33.02)	.470 (11.94)	.506 (12.85)	.630 (16.00)
1.630 (41.40)	1.260 (32.00)	1.130 (28.70)	1.760 (44.70)	1.080 (27.43)	1.440 (36.58)	.550 (13.97)	.591 (15.01)	.756 (19.20)
1.630 (41.40)	1.360 (34.54)	1.200 (30.48)	1.830 (46.48)	1.120 (28.45)	1.560 (39.62)	.620 (15.75)	.661 (16.79)	.843 (21.41)
1.780 (45.21)	1.450 (36.83)	1.260 (32.00)	1.980 (50.29)	1.210 (30.73)	1.690 (42.93)	.700 (17.78)	.744 (18.90)	.969 (24.61)
1.810 (45.97)	1.530 (38.86)	1.330 (33.78)	2.050 (52.07)	1.270 (32.26)	1.770 (44.96)	.780 (19.81)	.826 (20.98)	1.091 (27.69)
1.840 (46.74)	1.600 (40.64)	1.400 (35.56)	2.130 (54.10)	1.330 (33.78)	1.890 (48.01)	.850 (21.59)	.896 (22.76)	1.217 (30.91)

TABLE III: FINISH

Symbol	Finish Description
XB	No Plating - Black Color (Non-Conductive Finish)