

# Series 806 Mil-Aero Connectors



## 620V\*081 Composite Cable Clamp Strain Relief Backshell



**Lightweight. Straight, 45° or 90°. Composite. Self-Locking.** Spin coupling backshell with full radius cable clamp provides protection for open wire bundles or jacketed cable. Compatible with Glenair Series 806 micro miniature circular connectors.

### Features

- Corrosion resistant high strength engineering thermoplastic
- Self-locking spin coupling
- Non-environmental

### Specifications

- Operating temperature:  
codes XB, XM, XMT: -65°C to +200°C  
codes XZN, XW: -65°C to +175°C
- Salt spray (corrosion): 2000 hours
- Vibration: SAE AS85049 Category 4C
- Shock: SAE AS85049 Category 4C

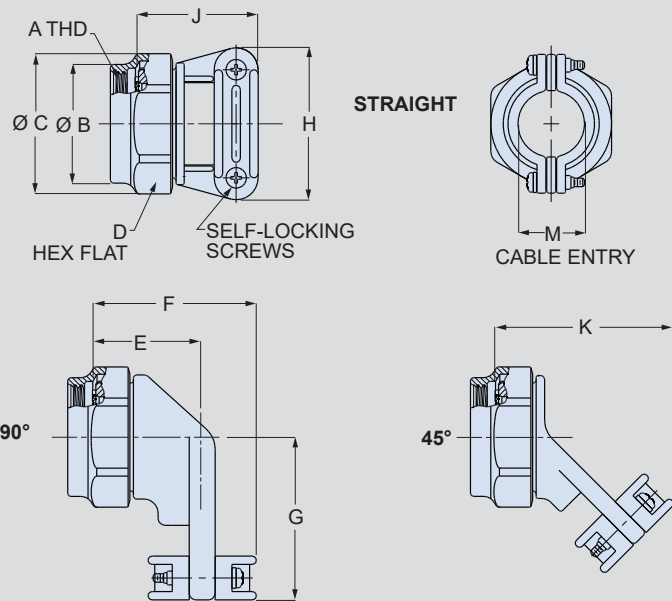
### Construction

- Adapter: high grade engineering thermoplastic. See How to Order for finish options
- Coupling nut, saddle clamps: high grade engineering thermoplastic, no plating, black
- Hardware: stainless steel, passivated
- Anti-Rotation Device: high grade engineering thermoplastic

### Notes

1. Cable entry measured with saddle clamps closed and bottomed on clamp ears.

How To Order			
SAMPLE PART NUMBER	620VS081		
Product	620VS081 = Cable Clamp, Straight 620VB081 = Cable Clamp, 45° 620VA081 = Cable Clamp, 90°	XM	12
Adapter Finish	XB = Unplated (black) XM = Electroless nickel XMT = Nickel/PTFE XW = Olive Drab Cadmium XZN = Zinc nickel (black)	Coupling nut and saddle clamps are unplated black thermoplastic	
Shell Size	08 09 10 11 12 14 16 18 20 22 24		



Shell Size	A ISO Metric Thd	øB Max.	øC Max.	D Hex	E Ref.	F	G	H	J	K Max.	M
08	M10 x 1.0-6H	.65 (16.51)	.86 (21.84)	.75 (19.05)	.63 (16.00)	.86 (21.84)	.88 (22.35)	.88 (22.35)	.80 (20.32)	1.32 (33.53)	.218 (5.54)
09	M12 x 1.0-6H	.65 (16.51)	.86 (21.84)	.75 (19.05)	.63 (16.00)	.86 (21.84)	.88 (22.35)	.88 (22.35)	.80 (20.32)	1.32 (33.53)	.218 (5.54)
10	M14 x 1.0-6H	.77 (19.56)	.98 (24.89)	.88 (22.35)	.65 (16.51)	.91 (23.11)	.94 (23.88)	.94 (23.88)	.88 (22.35)	1.35 (34.29)	.264 (6.71)
11	M15 x 1.0-6H	.77 (19.56)	.98 (24.89)	.88 (22.35)	.65 (16.51)	.91 (23.11)	.94 (23.88)	.94 (23.88)	.88 (22.35)	1.35 (34.29)	.264 (6.71)
12	M17 x 1.0-6H	.89 (22.61)	1.16 (29.46)	1.00 (25.40)	.71 (18.03)	1.02 (25.91)	1.03 (26.16)	1.17 (29.72)	1.00 (25.40)	1.43 (36.32)	.345 (8.76)
14	M19 x 1.0-6H	1.03 (26.16)	1.28 (32.51)	1.13 (28.70)	.76 (19.30)	1.13 (28.70)	1.13 (28.70)	1.28 (32.51)	1.00 (25.40)	1.48 (37.59)	.461 (11.71)
16	M22 x 1.0-6H	1.03 (26.16)	1.28 (32.51)	1.13 (28.70)	.76 (19.30)	1.13 (28.70)	1.13 (28.70)	1.28 (32.51)	1.00 (25.40)	1.48 (37.59)	.461 (11.71)
18	M25 x 1.0-6H	1.15 (29.21)	1.41 (35.81)	1.25 (31.75)	.80 (20.32)	1.26 (32.00)	1.31 (33.27)	1.41 (35.81)	1.13 (28.70)	1.58 (40.13)	.544 (13.82)
20	M28 x 1.0-6H	1.28 (32.51)	1.52 (38.61)	1.38 (35.05)	.83 (21.08)	1.31 (33.27)	1.38 (35.05)	1.50 (38.10)	1.19 (30.23)	1.70 (43.18)	.614 (15.60)
22	M31 x 1.0-6H	1.41 (35.81)	1.64 (41.66)	1.50 (38.10)	.90 (22.86)	1.37 (34.80)	1.50 (38.10)	1.56 (39.62)	1.25 (31.75)	1.74 (44.20)	.697 (17.70)
24	M34 x 1.0-6H	1.53 (38.86)	1.77 (44.96)	1.63 (41.40)	.94 (23.88)	1.45 (36.83)	1.63 (41.40)	1.69 (42.93)	1.38 (35.05)	1.79 (45.47)	.780 (19.81)