

OCTAXIAL CONTACTS

SpeedMaster™ Backshells



620H*090 Saddle Clamp, Expanded Clearance for #8 Sealing Boots



Self-Locking

ADAPTER CODE H

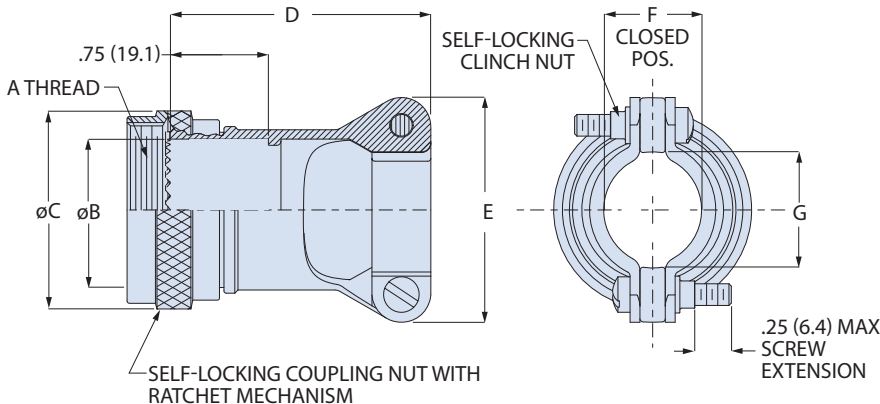
- This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

MATERIAL/FINISH

- Body, saddles, coupling nut: aluminum or SST, finish per PN build
- Screws, washers, clinch nuts: stainless steel
- Anti-decoupling device corrosion resistant material

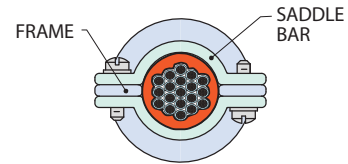
Self-locking. Full radius saddles. Expanded Clearance. 620HS090 extended frame saddle clamp fits MIL-DTL-38999 Series III and IV connectors. Clamp has enlarged inside diameter and longer frame to provide clearance for SpeedMaster contact modules. Full radius saddle bars have self-locking SST clinch nuts. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or stainless steel. Saddle clamp hardware is passivated SST.

Part Number Development						
Sample Part Number	620H	S	090	NF	21	-76
Series - Basic Part No.	620H Saddle Clamp, Expanded Clearance for #8 Sealing Boots 38999 Series III and IV					
Angular Function	S = Straight					
Basic Number	090					
Material/Finish	ME = Alum/ Electroless Nickel MT = Alum/ Nickel-PTFE NF = Alum/ Olive Drab Cadmium ZR = Alum/ Black Zinc-Nickel TZ = Alum/ Tin-Zinc Z1 = SST/ Passivated					
Shell Size and Arrangement	09, 11, 13, 15, 17, 19, 21, 23, 25					
Organizer Option	(Omit for None)					



APPLICATION NOTE

This backshell has an elliptical saddle clamp. This type of strain relief is designed to be fully closed. Saddle bars should be bottomed onto frame. Appropriate thickness shims/washers should be used to meet the diameter of the cable.



FULL RADIUS SADDLE CLAMP
SADDLE BARS SHOULD BE FULLY BOTTOMED ONTO FRAME.

Dimensions							
Shell Size	A Thread	øB Min	øC Max	D	E Max	F ± .031 (0.8)	G Min
9	M12X1.0-6H	.372 (9.4)	.858 (21.8)	1.22 (30.99)	1.05 (26.7)	.264 (6.7)	.36 (9.1)
11	M15X1.0-6H	.470 (11.9)	.984 (25.0)	1.28 (32.51)	1.05 (26.7)	.264 (6.7)	.36 (9.1)
13	M18X1.0-6H	.584 (14.8)	1.157 (29.4)	1.35 (34.29)	1.20 (30.5)	.344 (8.7)	.42 (10.7)
15	M22X1.0-6H	.709 (18.0)	1.279 (32.5)	1.41 (35.81)	1.30 (33.0)	.460 (11.7)	.47 (11.9)
17	M25X1.0-6H	.834 (21.2)	1.406 (35.7)	1.47 (37.34)	1.44 (36.6)	.545 (13.8)	.55 (14.0)
19	M28X1.0-6H	.940 (23.9)	1.516 (38.5)	1.66 (42.16)	1.56 (39.6)	.615 (15.6)	.62 (15.7)
21	M31X1.0-6H	1.065 (27.1)	1.642 (41.7)	1.72 (43.69)	1.69 (42.9)	.698 (17.7)	.70 (17.8)
23	M34X1.0-6H	1.190 (30.2)	1.768 (44.9)	1.78 (45.21)	1.77 (45.0)	.780 (19.8)	.78 (19.8)
25	M37X1.0-6H	1.315 (33.4)	1.869 (47.5)	1.85 (46.99)	1.89 (48.0)	.850 (21.6)	.85 (21.6)