

Series 62 Saddle Clamps

for MIL-DTL-38999 Series III and IV Connectors

620H*038 Saddle Clamp, Self-Locking



Self-Locking

Self-locking. Full radius saddles. Open frame saddle clamp fits MIL-DTL-38999 Series III and IV connectors. For use with open bundle wiring harnesses and closed bundle (jacketed) harnesses. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Die cast saddle bars have self-locking stainless steel clinch nuts. Full radius saddles are intended to be fully closed (bottomed onto frame). Wrap wire bundle with silicone tape so that the saddles, when fully closed, securely grip the wire bundle. Straight, 45° and 90° profiles. Aluminum or stainless steel.

PART NUMBER

620HS038 MT 23

Adapter Code **H**

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

MATERIAL/FINISH

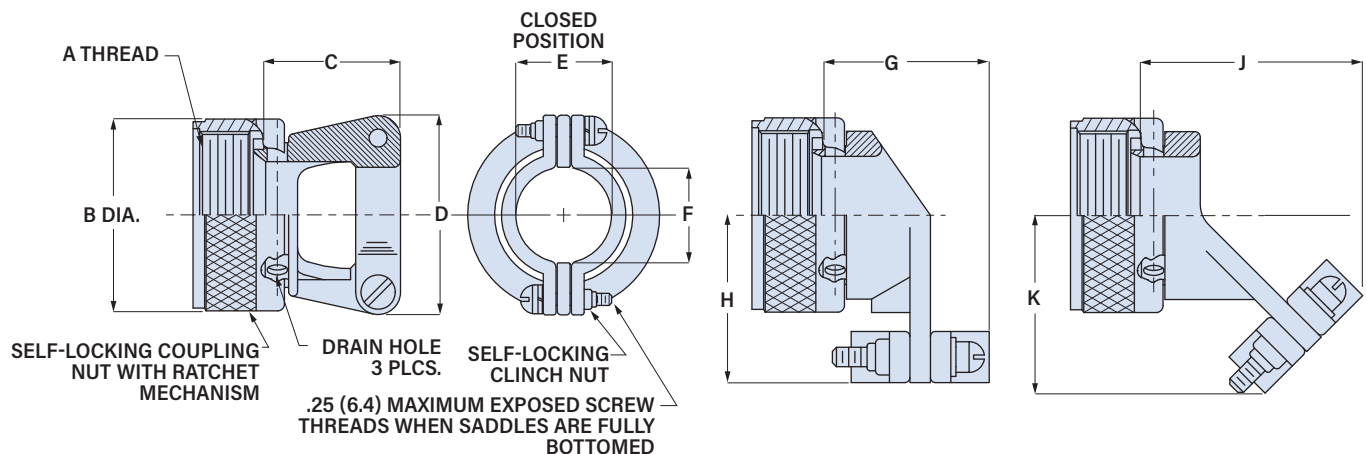
Body, saddles, coupling nut: Aluminum or SST
Screws, washers, clinch nuts: stainless steel
Anti-decoupling spring: thermoplastic
(aluminum clamps) or SST (SST clamps)

Base P/N
620HS038 Straight
620HB038 45°
620HA038 90°

Material/Finish
C Alum/Black Anodize
M Alum/Electroless Nickel
MT Alum/Nickel-PTFE
NF Alum/Olive Drab Cadmium
ZR Alum/Black Zinc-Nickel
TZ Alum/Tin-Zinc
ZI SST/Passivated

Size Code

Shell Size	9	11	13	15	17	19	21	23	25
	A	B	C	D	E	F	G	H	J
Size Code	09	11	13	15	17	19	21	23	25



Shell Size	A Thread	øB Max in	mm	C Max in	mm	D Max in	mm	E ± .031 (0.79) in	mm	F Max in	mm	G Max in	mm	H Max in	mm	J Max in	mm	K Max in	mm
9 (A)	M12X1.0-6H	.858	21.8	.840	21.3	.98	24.9	.219	5.6	.22	5.6	1.06	26.9	.91	23.1	1.32	33.5	.90	22.9
11 (B)	M15X1.0-6H	.984	25.0	.960	24.4	1.05	26.7	.264	6.7	.27	6.9	1.10	27.9	.97	24.6	1.36	34.5	.97	24.6
13 (C)	M18X1.0-6H	1.157	29.4	1.100	27.9	1.20	30.5	.344	8.7	.35	8.9	1.18	30.0	1.06	26.9	1.43	36.3	1.05	26.7
15 (D)	M22X1.0-6H	1.279	32.5	1.100	27.9	1.30	33.0	.460	11.7	.47	11.9	1.30	33.0	1.16	29.5	1.48	37.6	1.11	28.2
17 (E)	M25X1.0-6H	1.406	35.7	1.230	31.2	1.44	36.6	.545	13.8	.55	14.0	1.38	35.1	1.34	34.0	1.58	40.1	1.18	30.0
19 (F)	M28X1.0-6H	1.516	38.5	1.410	35.8	1.56	39.6	.615	15.6	.62	15.7	1.46	37.1	1.41	35.8	1.70	43.2	1.23	31.2
21 (G)	M31X1.0-6H	1.642	41.7	1.510	38.4	1.69	42.9	.698	17.7	.70	17.8	1.58	40.1	1.53	38.9	1.74	44.2	1.29	32.8
23 (H)	M34X1.0-6H	1.768	44.9	1.660	42.2	1.77	45.0	.780	19.8	.78	19.8	1.62	41.1	1.66	42.2	1.79	45.5	1.37	34.8
25 (J)	M37X1.0-6H	1.869	47.5	1.760	44.7	1.89	48.0	.850	21.6	.85	21.6	1.69	42.9	1.78	45.2	1.83	46.5	1.42	36.1