Backshells and Accessories
620PS076 Strain Relief Clamp

Self-Locking

620PS076 heavy-duty clamp fits Glenair Series 970 PowerTrip® connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Saddles have self-locking stainless steel clinch nuts. Rigid dielectric bushing provides additional wire support (not available for all insert patterns). Full radius saddles are intended to be fully closed (bottomed onto frame).

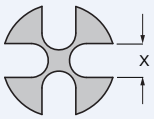
- Heavy duty saddle clamp for Series 970 PowerTrip® connectors
- Self-locking coupling nut
- Self-locking SST clinch nuts
- For unshielded wire bundles

CONSTRUCTION

Coupling nut, body, saddles: aluminum or SST
Screws: stainless steel/passivated
Clinch nuts: stainless steel/silver
Anti-decoupling spring: thermoplastic (aluminum body) or SST (SST body)
Wire support bushing: Delrin

WIRE SUPPORT BUSHING

Optional wire support bushing holds wires in place. Available for insert arrangements with size 8, 4 and 1/0 contacts. Not available for layouts with size #12 or #16 contacts.



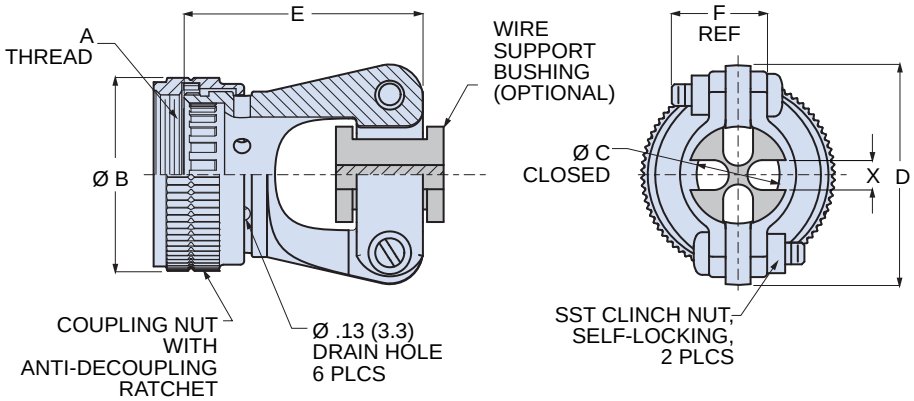
Wire Size	X (Ref.) In.	X (Ref.) mm.
8 AWG	.217	5.51
4 AWG	.331	8.41
1/0 AWG	.500	12.70

INSTALLATION TORQUE

Shell Size	Recommended Installation Torque Inch-Pounds ± 5
18	116
20, 24	136
28, 32, 36	148
40	164

HOW TO ORDER

	Sample Part Number →	620PS076	ME	32	T
Basic Number	**620PS076** = Saddle Clamp Strain Relief for Series 970 Powertrip Connector				
Material / Finish	**ME** = Aluminum / Electroless Nickel **MT** = Aluminum / Nickel PTFE **NF** = Aluminum / Olive Drab Cadmium **TZ** = Aluminum / Tin-Zinc **ZR** = Aluminum / Black Zinc-Nickel **Z1** = Stainless Steel / Passivated				
Shell Size	**18 20 24 28 32 36 40**				
Wire Support Bushing	**Omit** if not required **B2** = Two Slot Bushing (*for arr. 18-2, 24-2, 32-2*) **B3** = Three Slot Bushing (*for arr. 20-3, 24-3, 32-3*) **B4** = Four Slot Bushing (*for arr. 20-4, 28-4, 36-4*) **B5** = Five Slot Bushing (*for arr. 24-5, 32-5, 40-5*)				



DIMENSIONS

Shell Size	A Thread	ø B Max. In.	ø B Max. mm.	C ± .031 (0.79) In.	C ± .031 (0.79) mm.	D Max. In.	D Max. mm.	E Max. In.	E Max. mm.	F Ref. In.	F Ref. mm.
18	1.125-18 UNEF-2B	1.390	35.3	.518	13.2	1.500	38.1	1.830	46.5	.630	16.0
20	1.250-18 UNEF-2B	1.530	38.9	.665	16.9	1.687	42.8	1.830	46.5	.630	16.0
24	1.4375-18 UNEF-2B	1.720	43.7	.795	20.2	1.921	48.8	2.030	51.6	.630	16.0
28	1.8125-16 UN-2B	2.130	54.1	1.080	27.4	2.355	59.8	2.130	54.1	.750	19.1
32	2.0625-16 UNS-2B	2.350	59.7	1.200	30.5	2.716	69.0	2.530	64.3	.880	22.4
36	2.250-16 UN-2B	2.590	65.8	1.400	35.6	2.869	72.9	2.530	64.3	.880	22.4
40	2.500-16 UN-2B	2.870	72.9	1.700	43.2	3.066	77.9	2.530	64.3	.880	22.4