

Swing-Arm® Clamps

for Series 970 PowerTrip™ Connectors

870P005 PowerTrip Swing-Arm, Non-EMI

Self-Locking

Shielded, self-locking, adjustable arms. Adjustable arms pivot to 45°, 90°, or 180° positions. Terminate shield braid to adapter with optional Band-Master ATS® pre-coiled banding strap. Full radius saddles with self-locking clinch nuts. Clamp fits most wire bundles, large clamp has increased clearance for oversize wire bundles. Coupling nut has anti-decoupling mechanism for audible detented coupling and prevents backoff under high vibration.

Adapter Code P

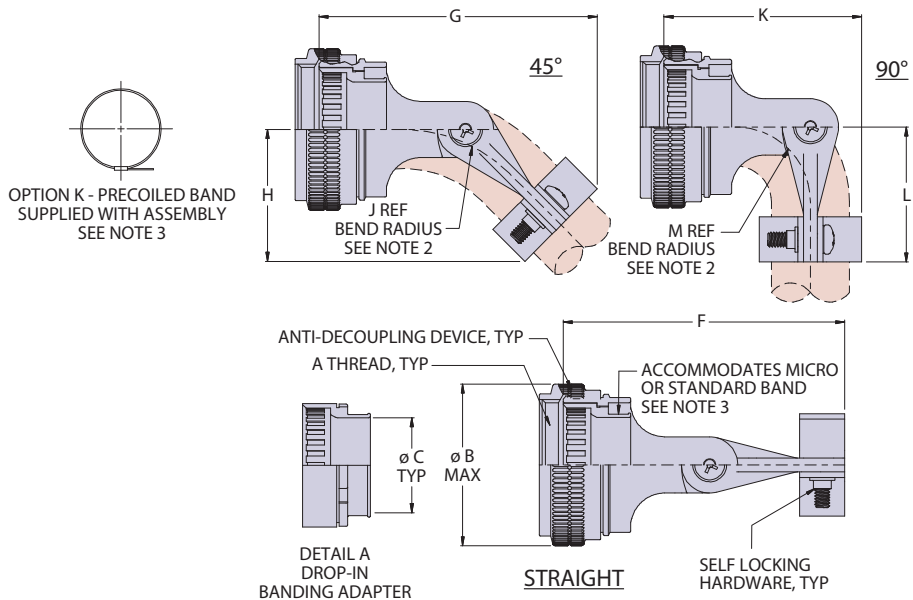
This accessory fits Glenair Series 970 PowerTrip connectors

TABLE 1 MATERIAL / FINISH

Aluminum	
ME	Electroless nickel
MT	Nickel-PTFE
NF	Olive drab cadmium
ZR	Black zinc-nickel
Stainless Steel, Passivated	
ZM	Electroless nickel Clamp, saddlebars, follower Passivate coupling
ZMT	Electroless nickel Clamp, saddlebars, follower Passivate Coupling
ZW	Cad O.D. over E.N. Clamp, saddlebars, follower Cad O.D. Coupling
ZI	Passivate Coupling, clamp, saddlebars, follower

PART NUMBER

Base P/N	870P005	MT	20	K
Material/Finish	See Table 1			
Shell Size	08 09 10 11 12 14 16 18 20 22 24			
Band	Omit if not required. K Pre-Coiled Micro Band Included with Clamp			



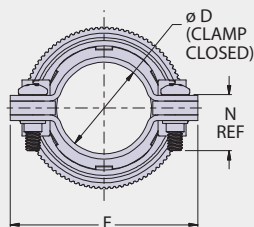
Shell Size	A Thread Class 2B	B Max in	B Max mm	C Dia in	C Dia mm	F in	F mm	G in	G mm	H in	H mm	J in	J mm	K in	K mm	L in	L mm	M in	M mm
18	11/8 - 18 UNEF	1.55	39.37	.734	18.64	1.830	46.48	2.610	66.29	1.235	31.37	1.52	38.61	1.845	46.86	1.310	33.27	.63	16.00
20	11/4 - 18 UNEF	1.67	42.42	.868	22.05	1.950	49.53	2.780	70.61	1.280	32.51	1.81	45.97	2.065	52.45	1.310	33.27	.75	19.05
24	17/16 - 18 UNEF	1.86	47.24	1.053	26.75	2.140	54.36	3.150	80.01	1.525	38.74	2.12	53.85	2.255	57.28	1.560	39.62	.88	22.35
28	1 1/16 - 16 UNEF	2.23	56.64	1.363	34.62	2.510	63.75	3.400	86.36	1.650	41.91	2.41	61.21	2.560	65.02	1.560	39.62	1.00	25.40
32	2 1/16 - 16 UNEF	2.48	62.99	1.630	41.40	3.010	76.45	4.160	105.66	2.095	53.21	2.75	69.85	3.000	76.20	2.060	52.32	1.13	28.70
36	2 1/4 - 16 UNEF	2.71	68.83	1.833	46.56	3.200	81.28	4.350	110.49	2.160	54.86	3.03	76.96	3.220	81.79	2.060	52.32	1.25	31.75
40	2 1/2 - 16 UNEF	3.04	77.22	2.060	52.32	3.450	87.63	4.565	115.95	2.250	57.15	3.32	84.33	3.470	88.14	2.060	52.32	1.38	35.05

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CLAMP DIMENSIONS



Shell Size	Clamp					
	D ±.031		E		N Ref.	
	in	mm	in	mm	in	mm
18	.703	17.86	1.830	46.48	.56	14.22
20	.828	21.03	1.950	49.53	.56	14.22
24	1.018	25.86	2.140	54.36	.63	16.00
28	1.383	35.13	2.510	63.75	.63	16.00
32	1.633	41.48	3.010	76.45	.75	19.05
36	1.823	46.30	3.200	81.28	.75	19.05
40	2.073	52.65	3.450	87.63	.75	19.05

BANDING TOOLS AND BANDS

Terminate cable braid to band adapter with optional pre-coiled banding strap. Glenair's Band-Master ATS® banding system provides quick, easy, cost-effective and highly reliable termination. Band is passivated stainless steel.



Band



Micro Band Tool
601-101



Standard Band Tool
601-100

Shell Size	Pre-Coiled Micro Band Part No.	Pre-Coiled Standard Band Part No.	Length		Max Diameter	
			in	mm	in	mm
18 - 28	601-065		14.25	362	1.88	47.8
32 and up		601-050	18.03	457	2.5	63.5

MATERIAL/FINISH

Aluminum (Codes ME, MT, NF, ZR)

Coupling nut, body, arms, saddles: aluminum

Screws, washers, inserts: stainless steel/ passivated

Anti-decoupling springs: thermoplastic

Clinch nuts: Codes ME, MT, and ZR: stainless steel, silver plated. Code NF: stainless steel/ olive drab cadmium

Banding adapter: aluminum

Band (optional): stainless steel/ passivated

Stainless Steel

Codes ZM, ZMT, ZW

Coupling nut, body, arms, saddles, anti-decoupling springs, screws, washers, inserts: CRES / passivated

Clinch nuts: stainless steel, silver plated

Banding adapter:

Code ZM: stainless steel/ electroless nickel

Code ZMT: stainless steel/ nickel-PTFE

Code ZW: stainless steel/ Cad O.D. over E.N.

Band (optional): stainless steel/ passivated

Code Z1

Coupling nut, body, arms, saddles, banding adapter, anti-decoupling springs, screws, washers, inserts: stainless steel, passivate

Clinch nuts: stainless steel, silver plated

Band (optional): stainless steel/ passivated