

Swing-Arm® Clamps

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

870A001 Swing-Arm Saddle Clamp



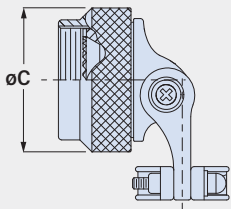
Self-Locking

Self-locking, adjustable arms. 870A001 Swing-Arm saddle clamp fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, and MIL-DTL-83723 Series III connectors. Use with unshielded wire bundles. Adjustable arms pivot to 0°, 45° or 90° positions. Arms have self-locking threaded inserts to withstand high vibration. Full radius saddles have self-locking clinch nuts. Available in two clamp sizes: standard 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. Available in composite, aluminum or stainless steel.

Adapter Code **A**

AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

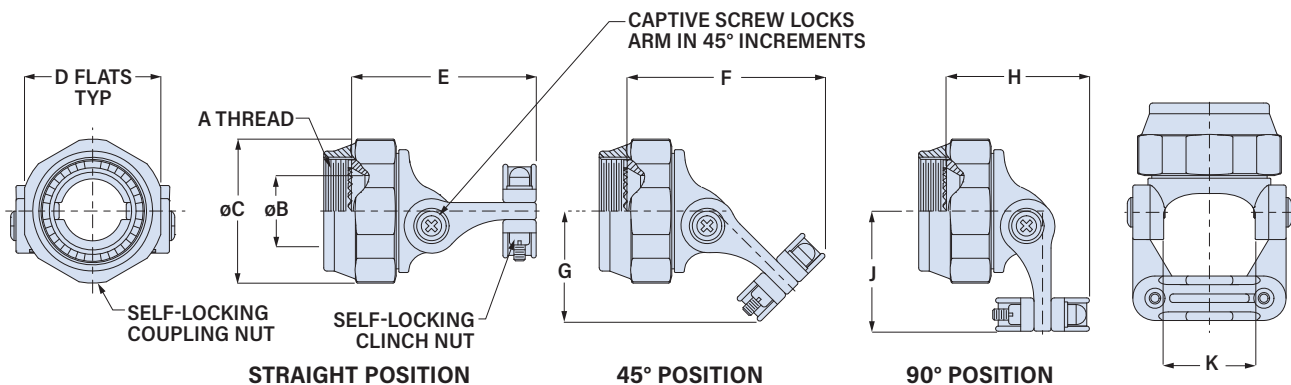
ALUMINUM AND SST VERSIONS



Aluminum and stainless steel versions
have round knurled coupling nuts.

PART NUMBER

		870A001	XB	22	B
Material/Finish	Base P/N	870A001			
	Composite				
	XB No Finish (Black)				
	Aluminum				
	M Electroless Nickel				
	NF Olive Drab Cadmium				
	MT Nickel-PTFR				
	TZ Tin-Zinc				
	ZR Black Zinc-Nickel				
	Stainless Steel				
	ZI Passivated				
Shell Size		08 10 12 14 16 18 20 22 24			
Clamp Size		A Standard Clamp B Large Clamp			



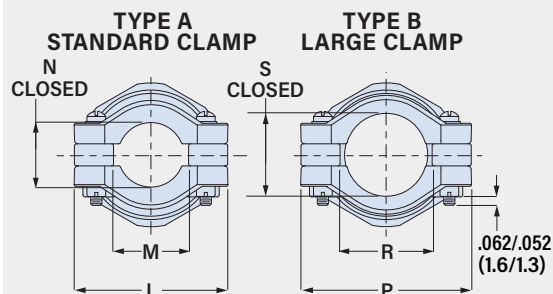
Shell Size	A Thread Class 2B	øB Min		C Max		D Flats		E Max		F Max		G Max		H Max		J Max		K Ref.	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.264	6.7	.812	20.6	.750	19.1	1.43	36.3	1.35	34.3	.78	19.8	.91	23.1	.87	22.1	.393	10.0
10	0.625-24 UNEF	.365	9.3	.938	23.8	.875	22.2	1.50	38.1	1.45	36.8	.87	22.1	.94	23.9	.96	24.4	.455	11.6
12	0.750-20 UNEF	.498	12.6	1.125	28.6	1.000	25.4	1.56	39.6	1.60	40.6	.97	24.6	1.12	28.4	1.03	26.2	.598	15.2
14	0.875-20 UNEF	.575	14.6	1.250	31.8	1.125	28.6	1.57	39.9	1.68	42.7	1.02	25.9	1.21	30.7	1.10	27.9	.710	18.0
16	1.000-20 UNEF	.700	17.8	1.375	34.9	1.250	31.8	1.66	42.2	1.78	45.2	1.09	27.7	1.29	32.8	1.16	29.5	.839	21.3
18	1.0625-18 UNEF	.779	19.8	1.500	38.1	1.375	34.9	1.66	42.2	1.86	47.2	1.14	29.0	1.39	35.3	1.22	31.0	.934	23.7
20	1.1875-18 UNEF	.904	23.0	1.625	41.3	1.500	38.1	1.81	46.0	2.02	51.3	1.24	31.5	1.50	38.1	1.29	32.8	1.068	27.1
22	1.3125-18 UNEF	1.029	26.1	1.750	44.5	1.625	41.3	1.84	46.7	2.09	53.1	1.30	33.0	1.57	39.9	1.36	34.5	1.197	30.4
24	1.4375-18 UNEF	1.144	29.1	1.875	47.6	1.750	44.5	2.00	50.8	2.20	55.9	1.45	36.8	1.64	41.7	1.55	39.4	1.323	33.6

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CLAMP DIMENSIONS



Standard Clamp							Large Clamp						
Shell Size	L Max in	L Max mm	M Min in	M Min mm	N Ref. in	N Ref. mm	Shell Size	P Max in	P Max mm	R Min in	R Min mm	S Ref. in	S Ref. mm
08	.98	24.9	.22	5.6	.265	6.7	08	.98	24.9	.33	8.4	.356	9.0
10	1.05	26.7	.27	6.9	.310	7.9	10	1.20	30.5	.45	11.4	.422	10.7
12	1.20	30.5	.35	8.9	.422	10.7	12	1.45	36.8	.62	15.7	.637	16.2
14	1.30	33.0	.47	11.9	.538	13.7	14	1.54	39.1	.68	17.3	.707	18.0
16	1.44	36.6	.55	14.0	.590	15.0	16	1.60	40.6	.80	20.3	.759	19.3
18	1.56	39.6	.62	15.7	.660	16.8	18	1.73	43.9	.90	22.9	.841	21.4
20	1.69	42.9	.70	17.8	.744	18.9	20	1.95	49.5	1.05	26.7	.996	25.3
22	1.77	45.0	.78	19.8	.826	21.0	22	2.08	52.8	1.18	30.0	1.060	26.9
24	1.89	48.0	.85	21.6	.896	22.8	24	2.32	58.9	1.30	33.0	1.124	28.5

MATERIAL/FINISH

Composite (Code XB)

Coupling nut, body, arms, saddles: polyetherimide (PEI), unplated

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: thermoplastic

Clinch Nuts: stainless steel, silver plated

Aluminum (Codes M, MT, NF, TZ, ZR)

Coupling nut, body, arms, saddles: aluminum

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: thermoplastic

Clinch Nuts: Codes M, MT, TZ and ZR: stainless steel, silver plated.

Code NF: stainless steel/ olive drab cadmium

Stainless Steel (Code ZI)

Coupling nut, body, arms, saddles: SST

Screws, washers, inserts: stainless steel/passivated

Anti-decoupling springs: stainless steel

Clinch Nuts: stainless steel, silver plated