

Series 62 Saddle Clamps

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

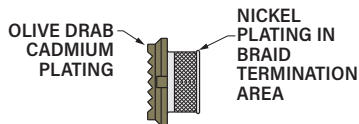
319A*201 Saddle Clamp with EMI Braid Sock, Composite

Self-Locking



Shielded. Self-locking. Composite. Saddle clamp has brass EMI adapter attached to 12 inches (30 cm) of shielding braid. Fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Captive self-locking clinch nuts, full radius saddles. Available with ArmorLite® lightweight microfilament SST braid. Straight, 45° and 90° profiles.

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



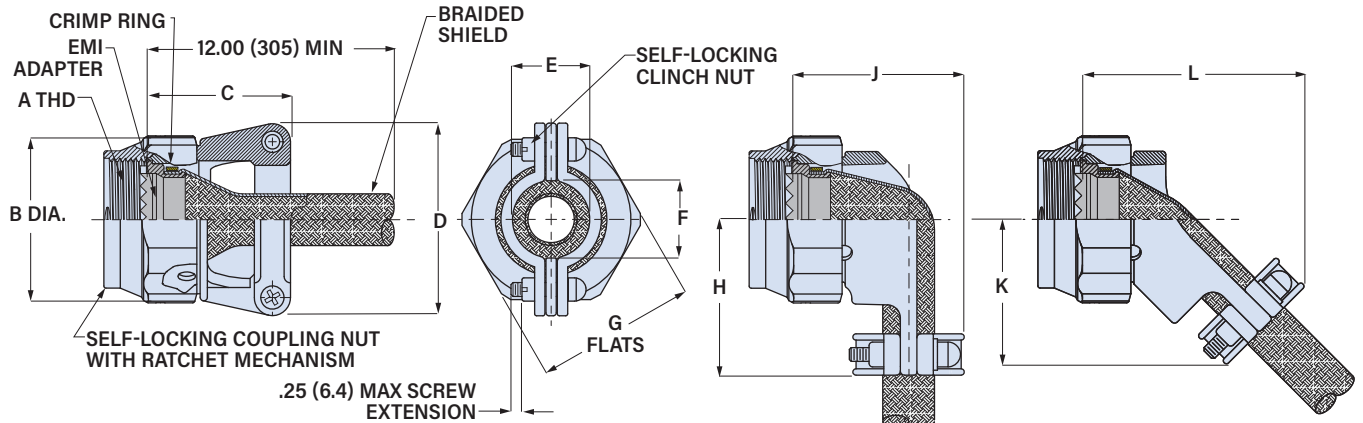
INTERFACE RING

Figure 1

Finish Code XN selective Cad/Ni

PART NUMBER

		319AS201	XB	10	L	R
Base P/N	319AS201 Straight 319AA201 90° 319AB201 45°					
EMI Adapter Finish	XB Electroless Nickel XMT Nickel/PTFE XN Olive Drab Cadmium, selective (fig.1)					
Shell Size	08 10 12 14 16 18 20 22 24					
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i> T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite® Nickel/SST Braid					
Splice ring and Band	<i>Omit if not required</i> R Splice ring and coiled band supplied with clamp					
Braid Length	<i>Omit for standard 12 inch length</i> 14 Length in 1 inch increments, 6 inch min. "14" = 14 inches.					



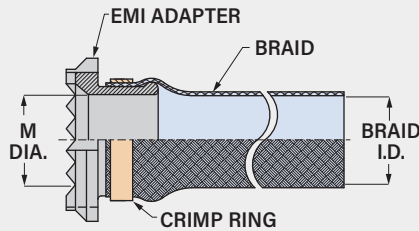
Shell Size	A Thread Class 2B	øB Max		C Max		D Max		E ± .031(0.79)		F Min		90° G Flats (ref)		H Max		45° J Max		K Max		L Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
08	0.500-20 UNF	.86	21.8	.939	23.9	.88	22.4	.265	6.7	.22	5.6	.75	19.1	.91	23.1	1.128	28.7	.901	22.9	1.388	35.3
10	0.625-24 UNEF	.98	24.9	1.059	26.9	.94	23.9	.310	7.9	.27	6.9	.88	22.4	.97	24.6	1.168	29.7	.964	24.5	1.428	36.3
12	0.750-20 UNEF	1.16	29.5	1.199	30.5	1.17	29.7	.390	9.9	.35	8.9	1.00	25.4	1.06	26.9	1.248	31.7	1.050	26.7	1.498	38.0
14	0.875-20 UNEF	1.28	32.5	1.199	30.5	1.28	32.5	.506	12.9	.47	11.9	1.13	28.7	1.16	29.5	1.368	34.7	1.112	28.2	1.548	39.3
16	1.000-20 UNEF	1.41	35.8	1.329	33.8	1.41	35.8	.591	15.0	.55	14.0	1.25	31.8	1.34	34.0	1.448	36.8	1.175	29.8	1.648	41.9
18	1.0625-18 UNEF	1.52	38.6	1.509	38.3	1.50	38.1	.661	16.8	.62	15.7	1.38	35.1	1.41	35.8	1.528	38.8	1.230	31.2	1.768	44.9
20	1.1875-18 UNEF	1.64	41.7	1.609	40.9	1.56	39.6	.744	18.9	.70	17.8	1.50	38.1	1.53	38.9	1.648	41.9	1.293	32.8	1.808	45.9
22	1.3125-18 UNEF	1.77	45.0	1.759	44.7	1.69	42.9	.826	21.0	.78	19.8	1.63	41.4	1.66	42.2	1.688	42.9	1.365	34.7	1.858	47.2
24	1.4375-18 UNEF	1.89	48.0	1.859	47.2	1.82	46.2	.896	22.8	.85	21.6	1.75	44.5	1.78	45.2	1.758	44.7	1.417	36.0	1.898	48.2

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EMI ADAPTER AND BRAID DIMENSIONS

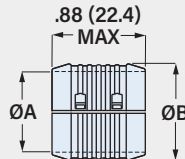


Shell Size	ø M Min.		Braid I.D.	
	in	mm	in	mm
08	.265	6.7	.375	9.5
10	.370	9.4	.375	9.5
12	.506	12.9	.500	12.7
14	.580	14.7	.500	12.7
16	.705	17.9	.781	19.8
18	.784	19.9	.781	19.8
20	.909	23.1	1.000	25.4
22	1.034	26.3	1.000	25.4
24	1.149	29.2	1.250	31.8

SPLICE RING AND PRE-COILED BAND (R OPTION)



Optional split splice ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap splice ring over wire bundle braid, then overlap braid sock and cable braid. Install band around splice ring and braid using Band-Master ATS® standard banding tool.



687-207
SPLICE RING



Banding Tool

Shell Size	Splice ring Part Number	øA		øB	
		±.030 (0.8) in	±.030 (0.8) mm	±.030 (0.8) in	±.030 (0.8) mm
08	687-207XB04	.25	6.4	.40	10.2
10	687-207XB06	.38	9.7	.53	13.5
12	687-207XB08	.50	12.7	.65	16.5
14	687-207XB10	.63	16.0	.78	19.8
16	687-207XB12	.75	19.1	.90	22.9
18	687-207XB14	.88	22.4	1.03	26.2
20	687-207XB16	1.00	25.4	1.15	29.2
22	687-207XB18	1.13	28.7	1.28	32.5
24	687-207XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

- Body, coupling nut, saddles: polyetherimide (PEI)/no finish (black color)
- EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.
- Crimp ring: copper/tin
- Screws, washers, clinch nuts: stainless steel/passivated
- Clinch nuts: stainless steel/silver
- Anti-decoupling spring: high grade engineering thermoplastic
- Splice ring: PEI, black color
- Band strap: stainless steel
- Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N
 - Code T: 34 AWG tin-coated copper, type AA59569R34T
 - Code A: *AmberStrand*® ultralightweight nickel-coated polymer
 - Code L: *ArmorLite*® microfilament nickel-coated 316L stainless steel