

SAE-AS4149

ADOPTION NOTICE

SAE-AS4149, "Clamp, Loop-Cushioned, Integral Lock", was adopted on 31-AUG-95 for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: Commander, Defense Industrial Supply Center, 700 Robbins Avenue, Philadelphia, PA 19111-5096. DoD activities may obtain copies of this standard from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. The private sector and other Government agencies may purchase copies from the Society of Automotive Engineers Inc., 400 Commonwealth Drive, Warrendale, PA 15096-0001.

Custodians:

Army - AR
Navy - AS
Air Force - 99
DLA - IS

Adopting Activities:

DLA - IS
(Project 5340-2311)

SAENORM.COM : Click to view the full PDF of SAE-AS4149

FSC 5340

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

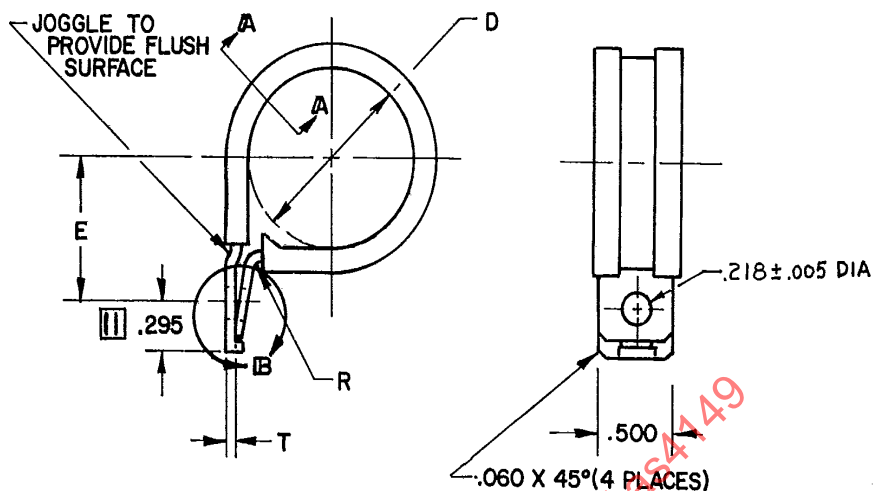


FIGURE 1-CLAMP DESIGN AND DIMENSIONS

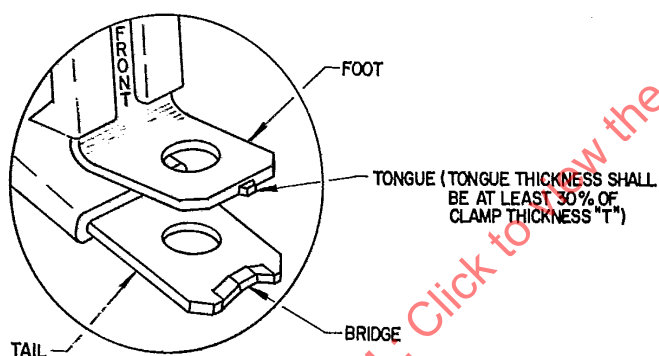


FIGURE 2-NOMENCLATURE

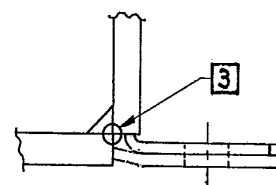


FIGURE 3

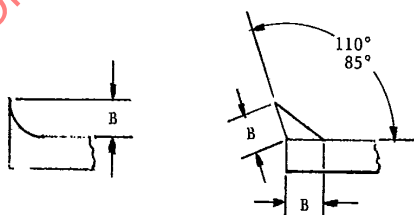
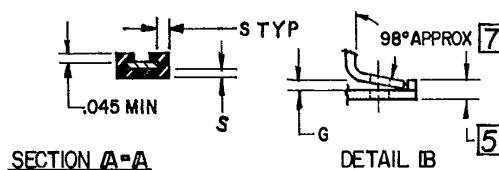


FIG 3 ACCEPTABLE WEDGE CONFIGURATIONS 10



SECTION A-A

DETAIL B

CUSTODIAN : SAE G-3/G-3E

PROCUREMENT: MIL-C-8603

SAE The Engineering Society
For Land Sea Air and Space
Advancing Mobility®
400 Commonwealth Drive
Warrendale, PA 15096

AEROSPACE STANDARD

CLAMP, LOOP-CUSHIONED, INTEGRAL
LOCK

AS4197

SHEET 1 OF 3

ISSUED 9-23-88 REVISED

AS4149

APPROVED CALLOUT	TUBE DIA OD (REF)	B	D DIA	E	G GAP		R RAD + / -.016	S +.020 -.000	T
					6.3 G ₁	6.5 G ₂			
AS4149(*)4	1/4		.250	.529					
5	5/16		.313	.560					
6	3/8	.093	.375	.592	.06 +.04		.062		.032
7	7/16	.125	.438	.623	-.00				+/- .0025
8	1/2		.500	.654					
9	9/16		.563	.752					
10	5/8		.625	.783		.062 +.016		.040	
11	11/16		.688	.814		-.000			
12	3/4		.750	.845					
13	13/16		.813	.877	.06 +.06		.109		.050
14	7/8		.875	.908	-.00				+/- .004
15	15/16		.938	.939					
16	1		1.000	.970					
17	1-1/16		1.063	1.002					
18	1-1/8		1.125	1.062					
19	1-3/16		1.188	1.093					
20	1-1/4		1.250	1.124					
21	1-5/16		1.313	1.156					
22	1-3/8		1.375	1.187					
23	1-7/16		1.438	1.218					
24	1-1/2		1.500	1.249	.09 +.06	.004 +.031			
25	1-9/16		1.563	1.281	-.00	-.000			
26	1-5/8		1.625	1.312					
27			1.688	1.344					
28	1-3/4	.155	1.750	1.374					
29		.312	1.813	1.406					
30	1-7/8		1.875	1.437					
31			1.938	1.468					
32	2		2.000	1.499			.125	.060	.062
33			2.062	1.531					+/- .005
34	2-1/8		2.125	1.562					
35			2.188	1.594					
36	2-1/4		2.250	1.624					
37			2.312	1.655					
38	2-3/8		2.375	1.687					
40	2-1/2		2.500	1.752					
42			2.625	1.812	.12 +.06				
43			2.688	1.844	-.00	.125 +.031			
44	2-3/4		2.750	1.875		-.000			
45			2.812	1.906					
46			2.875	1.937					
48	3		3.000	2.000					
50			3.125	2.062					
52	3-1/4		3.250	2.125					
54			3.375	2.187					
56	3-1/2	NO	3.500	2.250					
58			3.625	2.312					
64		WEDGE	4.000	2.500					
AS4149(*) 66			4.125	2.562					

ISSUED 9-23-88 REVISED

AEROSPACE STANDARD

CLAMP, LOOP-CUSHIONED, INTEGRAL
LOCK

AS4149

SHEET 2 OF 3