

INCH-POUND

MS21106B  
 20 MAY 2010  
 SUPERSEDING  
 MS21106A  
 2 December 1970

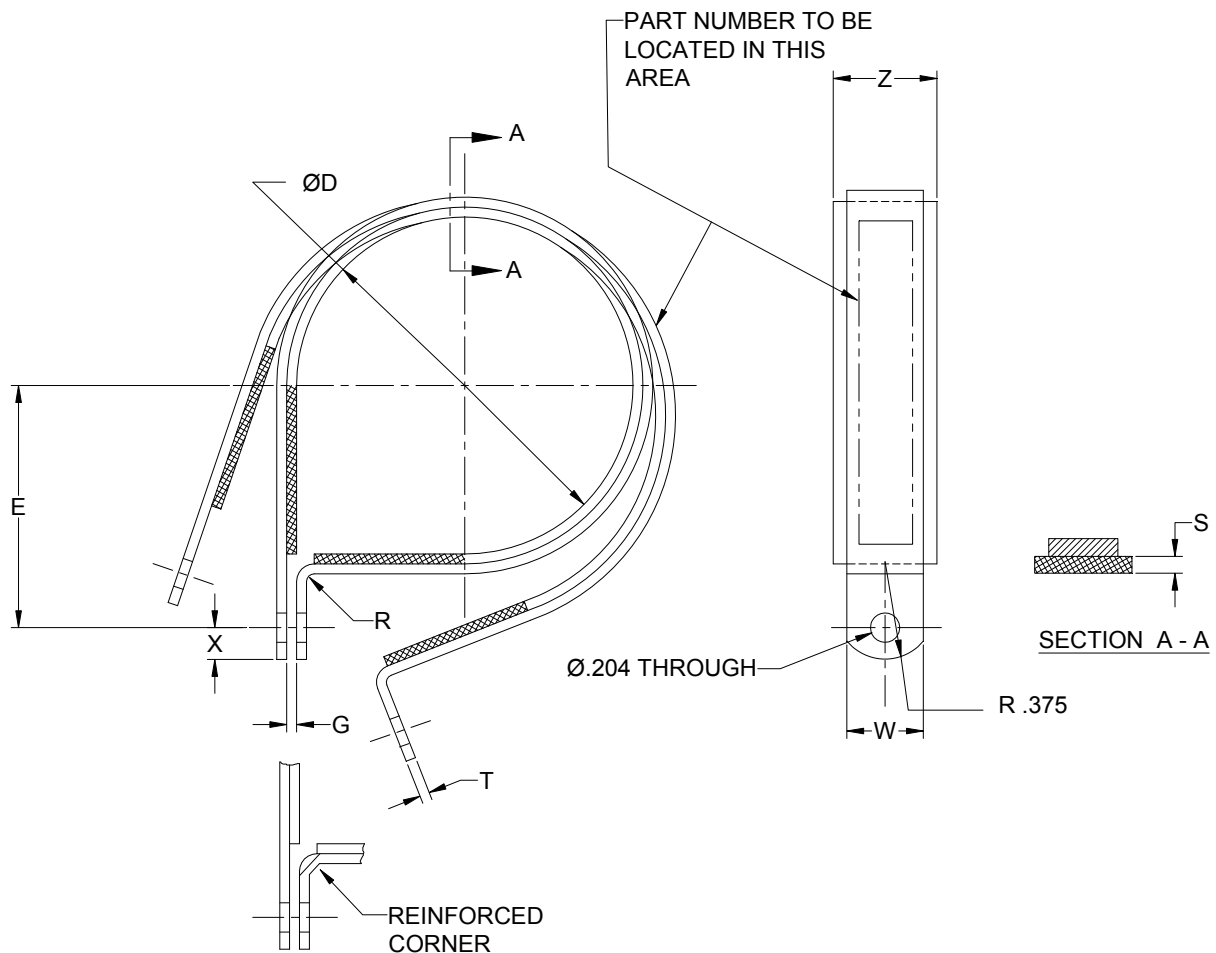
## DETAIL SPECIFICATION SHEET

CLAMP, LOOP, CUSHIONED, 1200 DEG. F., CRES TYPE IV, CLASS B

Inactive for new design after 16 June 1997

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and procurement specification, MIL-C-8603.

FIGURE 1. Clamp

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TABLE I. Dash numbers and dimensions.

PART NUMBER	RIGID TUBE NOMINAL OD (REF)	ØD ±.015	E ±.015	G	R ±.016 RAD	S +.016 -.000	T	W ±.015	X ±.015	Z MAX								
MS21106-2	1/8	.125	.457	.062 +.016 -.000	.062	.062	.0320 ±.0035	.375	.188	.497								
MS21106-3	3/16	.188	.498															
MS21106-4	1/4	.250	.529															
MS21106-5	5/16	.313	.560															
MS21106-6	3/8	.375	.592															
MS21106-7	7/16	.438	.623															
MS21106-8	1/2	.500	.654															
MS21106-9	9/16	.563	.749															
MS21106-10	5/8	.625	.780		.109			.062	.0320 ±.0035	.500	.218	.622						
MS21106-11	11/16	.688	.811															
MS21106-12	3/4	.750	.842															
MS21106-13	13/16	.813	.858															
MS21106-14	7/8	.875	.889															
MS21106-15	15/16	.938	.920															
MS21106-16	1	1.000	.951															
MS21106-17	1-1/16	1.063	.983															
MS21106-18	1-1/8	1.125	1.030	.094 +.031 -.000	.062		.0320 ±.0035					.500	.218	.656				
MS21106-19	1-3/16	1.188	1.061															
MS21106-20	1-1/4	1.250	1.092															
MS21106-21	1-5/16	1.313	1.124															
MS21106-22	1-3/8	1.375	1.155															
MS21106-23	1-7/16	1.438	1.186															
MS21106-24	1-1/2	1.500	1.217															
MS21106-25	1-9/16	1.563	1.259															
MS21106-26	1-5/8	1.625	1.280															
MS21106-27		1.688	1.312															
MS21106-28	1-3/4	1.750	1.342															
MS21106-29		1.813	1.374															
MS21106-30	1-7/8	1.875	1.405	.125 +.031 -.000						.125	.062				.0320 ±.0035	.500	.218	.656
MS21106-31		1.938	1.444															
MS21106-32	2	2.000	1.475															
MS21106-33		2.062	1.507															
MS21106-34	2-1/8	2.125	1.538															
MS21106-35		2.188	1.570															
MS21106-36	2-1/4	2.250	1.600															
MS21106-37		2.312	1.631															
MS21106-38	2-3/8	2.375	1.663															
MS21106-40	2-1/2	2.500	1.728															
MS21106-42		2.625	1.788															
MS21106-43		2.688	1.820															
MS21106-44	2-3/4	2.750	1.851															
MS21106-45		2.812	1.882															
MS21106-46		2.875	1.913															
MS21106-48	3	3.000	1.976															
MS21106-50		3.125	2.038															
MS21106-52	3-1/4	3.250	2.101															
MS21106-54		3.375	2.163															
MS21106-56	3-1/2	3.500	2.226															
MS21106-58		3.625	2.288															
MS21106-64	4	4.000	2.476															
MS21106-66		4.125	2.538															

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NOTES.

1. Clamp band - Corrosion resistant steel Type 321 in accordance with SAE AMS 5510, annealed.  
Cushion - Corrosion resistant steel Type 321 or 347 in accordance with SAE AMS 5510 or SAE AMS 5512.
2. Protective Treatment: Passivate in accordance with SAE AMS 2700.
3. Remove all burrs and sharp edges.
4. Dimensions are in inches. Unless otherwise specified, tolerances decimals +.015.
5. Dimension "D" is applicable in closed position only..
6. The MS part number, including dash number, and manufacturer's identification, shall be marked on each clamp.
7. Clamps shall be furnished in the open position.
8. Method of cushion attachment to band is optional.
9. Reinforced corner is mandatory.
10. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
11. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army - AV  
Navy - AS  
Air Force – 99

Preparing activity:

DLA – IS

(Project 5340-2010-012)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>