

USER SYMBOLS:

REVIEWER SYMBOLS:

NAVY - AS  
USAF - 82  
ARMY - AV

"Review/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current 'DDISS'."

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

FED. SUP CLASS 5340	
<p><b>ACCEPTABLE WEDGE CONFIGURATIONS</b></p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>CLAMP BAND: ALUMINUM ALLOY 2024-0 CLAD PER QQ-A-250/5. CORROSION RESISTANT STEEL, COMPOSITION TYPE T1 OR C6 PER MIL-S-6721, ANNEALED. CUSHION: EXTRUDED POLYTETRAFLUOROETHYLENE PER L-P-403, NATURAL COLOR WITH RED STRIPE LENGTHWISE ALONG EITHER EDGE.</li> <li>PROTECTIVE TREATMENT: ALUMINUM ALLOY - NONE. CORROSION RESISTANT STEEL - PASSIVATE PER QQ-P-35.</li> <li>HEAT TREATMENT: ALUMINUM ALLOY, TEMPER T-4 PER MIL-H-6088, AFTER FORMING CORROSION RESISTANT STEEL, NONE.</li> <li>REMOVE ALL BURRS AND SHARP EDGES.</li> <li>DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS <math>\pm .015</math></li> <li>ADD C BEFORE DASH NUMBER FOR CORROSION RESISTANT STEEL CLAMP.</li> <li>ADD W BEFORE DASH NUMBER FOR WEDGE TYPE CUSHION CONSTRUCTION FOR THE -2 AND -3 SIZES ONLY</li> <li>EXAMPLES OF PART NUMBERS: MS21122-8 = CUSHION CLAMP, ALUMINUM, .500 ID. MS21122C8 = CUSHION CLAMP, CRES, .500 ID.</li> <li>THE MS PART NUMBER, INCLUDING DASH NUMBER, AND MANUFACTURER'S IDENTIFICATION SHALL BE MARKED ON EACH CLAMP.</li> <li>THE ENDS OF THE CUSHION SHALL MEET WHEN THE CLAMP IS IN THE INSTALLED POSITION.</li> <li>CLAMPS SHALL BE FURNISHED IN THE OPEN POSITION. SEE PROCUREMENT SPECIFICATION.</li> <li>DIMENSION D IS APPLICABLE IN CLOSED POSITION ONLY.</li> <li>WEDGE IS MANDATORY ON ALL CLAMPS ABOVE -3 SIZE.</li> <li>WEDGE IS INTEGRAL PART OF CUSHION.</li> <li>REINFORCED CORNER AND STIFFENING BEAD ARE MANDATORY.</li> </ol> <p>(A) FOR CHANGES SEE SHEETS 1 AND 2</p>	
<b>P.A. NAVY - AS</b> <b>Other Cust</b> USAF - 82 ARMY - AV	<b>TITLE</b> CLAMP, LOOP, CUSHIONED, WEDGE, POLYTETRAFLUOROETHYLENE TYPE V, CLASS A AND B
<b>PROCUREMENT SPECIFICATION</b> MIL-C-8956	<b>SUPERSEDES:</b> MS21919 IN PART, MS21122(ASG)
<b>MILITARY STANDARD</b> <b>MS21122</b>	
<b>SHEET</b> 1 <b>OF</b> 2	

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FED. SUP CLASS 5340															
DASH NOS.	RIGID TUBE NOMINAL OD (REF)	DIMENSIONS													
		B ±.032	D ±.015 DIA	E		G	R ±.016 RAD	S ±.016 - .000	T		W		X ±.015	Z MAX.	
				ALUM.	CRES				ALUM.	CRES	ALUM.	CRES		ALUM.	CRES
-2	1/8		.125	.457	.457										
-3	3/16		.188	.498	.498										
-4	1/4	.094	.250	.529	.529				.0320						
-5	5/16	.109	.313	.560	.560		.062		±.0025			.375	.188		.497
-6	3/8		.375	.592	.592										
-7	7/16		.438	.623	.623	.062									
-8	1/2	.125	.500	.654	.654	±.016									
-9	9/16		.563	.752	.749	- .000								.622	
-10	5/8		.625	.783	.780										
-11	11/16		.688	.814	.811										
-12	3/4		.750	.845	.842				.050						
-13	13/16		.813	.877	.858		.109		±.004						.622
-14	7/8		.875	.908	.889										
-15	15/16		.938	.939	.920										
-16	1		1.000	.970	.951				.0320						
-17	1-1/16		1.063	1.002	.983				±.0035						
-18	1-1/8		1.125	1.062	1.030										
-19	1-3/16		1.188	1.093	1.061										
-20	1-1/4		1.250	1.124	1.092										
-21	1-5/16		1.313	1.156	1.124										
-22	1-3/8		1.375	1.187	1.155										
-23	1-7/16		1.438	1.218	1.186	.094					.500				
-24	1-1/2		1.500	1.249	1.217	±.031									
-25	1-9/16		1.563	1.281	1.259	- .000									
-26	1-5/8		1.625	1.312	1.280				.025						
-27			1.688	1.344	1.312										
-28	1-3/4	(A)	1.750	1.374	1.342										
-29			1.813	1.406	1.374										
-30	1-7/8	.187	1.875	1.437	1.405						.500	.218			
-31			1.938	1.468	1.444										
-32	2		2.000	1.499	1.475										
-33			2.062	1.531	1.507										
-34	2-1/8		2.155	1.562	1.538	.125			.063					.656	.658
-35			2.188	1.594	1.570				±.005						
-36	2-1/4		2.250	1.624	1.600										
-37			2.312	1.655	1.631										
-38	2-3/8		2.375	1.687	1.663										
-40	2-1/2		2.500	1.752	1.728										
-42			2.625	1.812	1.788	.125			.040						
-43			2.688	1.844	1.820	±.031			±.004						
-44	2-3/4		2.750	1.875	1.851	- .000									
-45		(A)	2.812	1.906	1.882										
-46			2.875	1.937	1.913										
-48	3		3.000	2.000	1.976										
-50			3.125	2.062	2.038										
-52	3-1/4		3.250	2.125	2.101										
-54			3.375	2.187	2.163										
-56	3-1/2		3.500	2.250	2.226										
-58			3.625	2.312	2.288										
-64	4		4.000	2.500	2.476										
-66			4.125	2.562	2.538										

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.  
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A. NAVY - AS Other Cust USAF - 82 ARMY - AV	TITLE CLAMP, LOOP, CUSHIONED, WEDGE, POLYTETRAFLUOROETHYLENE TYPE V, CLASS A AND B	MILITARY STANDARD <b>MS21122</b>
PROCUREMENT SPECIFICATION MIL-C-8956	SUPERSEDES: MS21919 IN PART, MS21122 (ASG)	SHEET 2

APPROVED 1 JULY 67 REVISED (A) FOR CHANGES SEE SHEETS 1 AND 2