

FED. SUP CLASS 4730							
MS9383	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Users: Army - WC</p> <p>Review activities: Army - AV USAF - 82</p> </div> <div style="width: 50%;"> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> </div> <div style="width: 45%;"> </div> </div>						
This military standard is approved by the Department of the Air Force and the Bureau of Naval Weapons and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; vertical-align: top;"> P A. USAF - II Other Cust Army - AV Navy - AS </td> <td style="width: 40%; text-align: center; vertical-align: top;"> TITLE UNION, TUBE - ALUMINUM AMS L21, CONICAL END, CONNECTOR </td> <td style="width: 30%; text-align: center; vertical-align: top;"> MILITARY STANDARD MS9383 </td> </tr> <tr> <td style="vertical-align: top;"> PROCUREMENT SPECIFICATION NONE </td> <td style="vertical-align: top;"> SUPERSEDES </td> <td style="vertical-align: top;"> SHEET 1 OF 2 </td> </tr> </table>	P A. USAF - II Other Cust Army - AV Navy - AS	TITLE UNION, TUBE - ALUMINUM AMS L21, CONICAL END, CONNECTOR	MILITARY STANDARD MS9383	PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET 1 OF 2
P A. USAF - II Other Cust Army - AV Navy - AS	TITLE UNION, TUBE - ALUMINUM AMS L21, CONICAL END, CONNECTOR	MILITARY STANDARD MS9383					
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET 1 OF 2					

DD FORM 1 SEP 57 672-1 (Limited coordination)
ASG use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 4 May 70 REVISED

PART NO.		NOM TUBE OD	THREAD	FED. SUP. CLASS			
				A DIA	B DIA	C DIA	E
MS9383-08	.500	.750-16 UNJF-3A	.387-.395	.229	.167	.142	.104
MS9383-09	.562	.8125-16 UNJ-3A	.434-.442	.229	.172	.159	.109
MS9383-10	.625	.875-14 UNJF-3A	.480-.488	.285	.173	.155	.117
MS9383-11	.688	1.000-12 UNJF-3A	.542-.552	.304	.192	.169	.125
MS9383-12	.750	1.0625-12 UNJ-3A	.604-.614	.304	.195	.171	.125
MS9383-14	.875	1.1875-12 UNJ-3A	.729-.739	.304	.197	.174	.125
MS9383-16	1.000	1.3125-12 UNJ-3A	.839-.851	.312	.198	.175	.125
MS9383-18	1.125	1.500-12 UNJF-3A	.948-.960	.312	.199	.176	.125
MS9383-20	1.250	1.625-12 UNJ-3A	1.073-1.086	.343	.197	.175	.125
MS9383-24	1.500	1.875-12 UNJ-3A	1.307-1.320	.374	1.756	1.357	.125
MS9383-28	1.750	2.250-12 UNJ-3A	1.542-1.557	.447	2.131	1.652	.125
MS9383-32	2.000	2.500-12 UNJ-3A	1.776-1.791	.457	2.351	1.854	.125

PART NO.	F DIA +.002 -.003	G MIN	H	J	L	M MIN	N DIA	APPROX WT LB/EA
MS9383-09	.722	1.191	1.050-1.064	.633	1.516	.630	1.170	.151
MS9383-10	.773	1.263	1.115-1.127	.747	1.814	.730	1.120	.156
MS9383-11	.882	1.475	1.301-1.314	.853	2.014	.830	1.312	.173
MS9383-12	.945	1.547	1.364-1.377	.853	2.014	.830	1.312	.177
MS9383-14	1.070	1.690	1.489-1.502	.853	2.174	.830	1.457	.194
MS9383-16	1.195	1.833	1.614-1.627	.918	2.174	.830	1.457	.197
MS9383-18	1.382	1.974	1.738-1.752	.954	2.248	.830	1.750	.199
MS9383-20	1.507	2.117	1.863-1.877	.954	2.248	.830	1.750	.207
MS9383-24	1.756	2.402	2.113-2.127	1.079	2.518	.830	2.125	.265
MS9383-28	2.131	2.830	2.488-2.502	1.204	2.798	.844	2.500	.423
MS9383-32	2.381	3.115	2.738-2.752	1.329	3.048	.844	2.750	.517

1. DIAMETER F SHALL BE FREE OF THREAD MARKS AND CONCENTRIC WITH PD OF THREAD WITHIN .0025 FIR.
2. ALL DIAMETERS SHALL BE CONCENTRIC WITHIN .010 FIR. UNLESS OTHERWISE SPECIFIED.
3. MATERIAL: ALUMINUM AMS 4121.
4. FINISH: ANODIC TREATMENT AMS 2470. DO NOT DYE.
5. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON FACES.
6. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .001$, ANGULAR DIMENSIONS $\pm 5^\circ$.
8. CONICAL SURFACE P SHALL BE FREE OF NICKS, CHATTER MARKS OR LOW SPOTS. UNBROKEN LINE OF CONTACT TO SHOW ALL AROUND AT OTHER THAN EXTREMITIES OF SURFACE P WHEN ROTATED IN CONTACT WITH .001" .001" INCLUDED ANGLE GAGE LIGHTLY COATED BY RUBBING WITH CARBON PAPER.
9. DIMENSIONS APPLY TO BOTH ENDS FROM HEXAGON OUTWARD.
10. DO NOT USE UNASSIGNED PART NUMBERS.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIV.

P.A. USAF-II	TITLE	MILITARY STANDARD
Other Cust Army-AV Navy-AS	UNION, TUBE - ALUMINUM AMS 4121, CONICAL END, CONNECTOR	MS 9383
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET 2 OF 0

This military standard is approved by the Department of the Air Force and the Bureau of Naval Weapons and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

Users:
Army - WC

Review activities:
USAF - 82
Army - AV

APPROVED 4 May 70 REVISED

DD FORM 672-1 (Limited circulation)
ASD use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. GOVERNMENT PRINTING OFFICE: 1970-393-098/86719