

REV.
A

SAE AS9319

FEDERAL SUPPLY CLASS
5320

RATIONALE

AS9319A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN FROM U.S. MILITARY STANDARD MS9319 REVISION A. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LIST (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

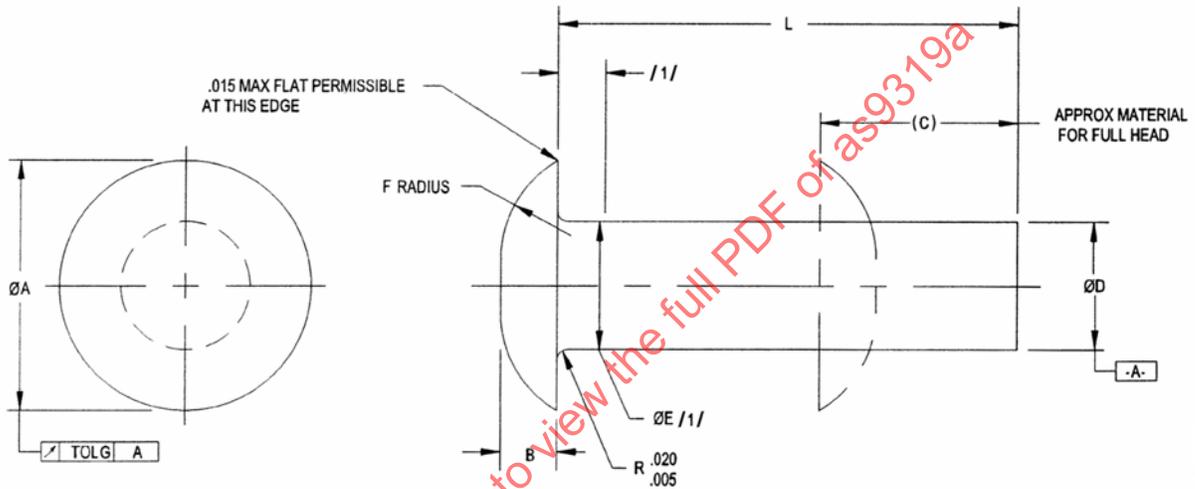


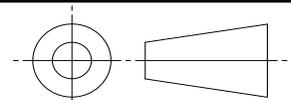
FIGURE 1 - RIVET

TABLE 1 - DIMENSIONS

NOMINAL SIZE Ø	ØA	B		(C)	ØD	ØE	F ±.010	TOL (G)
		MIN	MAX					
.062	.119-.131	.027	.037	.094	.061-.063	.061-.064	.054	.010
.094	.179-.197	.040	.050	.141	.093-.095	.093-.096	.082	.010
.125	.238-.262	.054	.064	.188	.123-.126	.123-.128	.108	.010
.156	.296-.328	.067	.077	.234	.154-.157	.154-.159	.135	.015
.188	.356-.394	.080	.090	.281	.186-.189	.186-.191	.164	.015
.250	.475-.525	.107	.117	.375	.248-.252	.248-.254	.217	.020
.312	.594-.656	.133	.143	.469	.310-.314	.310-.316	.272	.020
.375	.713-.787	.161	.171	.562	.373-.377	.373-.379	.328	.020

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7233

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

RIVET, SOLID - UNIVERSAL HEAD,
MONEL UNS N04400

SAE AS9319
SHEET 1 OF 4

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ISSUED 1999-12 REVISED 2006-08 REAFFIRMED 2012-11

TABLE 2 - DIMENSIONS AND PART NUMBERS

NOM SIZE	Ø.062		Ø.094		Ø.125		Ø.156		
	L ±.010	PART NO.	APPROX. WEIGHT LB/100						
.125	MS9319-002	.02							
.156	MS9319-003	.02							
.188	MS9319-004	.02	MS9319-050	.06	MS9319-096	.13			
.219	MS9319-005	.03	MS9319-051	.07	MS9319-097	.14			
.250	MS9319-006	.03	MS9319-052	.08	MS9319-098	.15	MS9319-144	.24	
.281	MS9319-007	.03	MS9319-053	.08	MS9319-099	.16	MS9319-145	.26	
.312	MS9319-008	.04	MS9319-054	.09	MS9319-100	.17	MS9319-146	.28	
.344	MS9319-009	.04	MS9319-055	.10	MS9319-101	.19	MS9319-147	.30	
.375	MS9319-010	.04	MS9319-056	.10	MS9319-102	.20	MS9319-148	.32	
.406	MS9319-011	.04	MS9319-057	.11	MS9319-103	.21	MS9319-149	.34	
.438	MS9319-012	.05	MS9319-058	.12	MS9319-104	.22	MS9319-150	.36	
.469	MS9319-013	.05	MS9319-059	.12	MS9319-105	.24	MS9319-151	.38	
.500	MS9319-014	.05	MS9319-060	.13	MS9319-106	.25	MS9319-152	.40	
.531	MS9319-015	.06	MS9319-061	.14	MS9319-107	.26	MS9319-153	.42	
.562	MS9319-016	.06	MS9319-062	.14	MS9319-108	.27	MS9319-154	.44	
.594	MS9319-017	.06	MS9319-063	.15	MS9319-109	.29	MS9319-155	.46	
.625	MS9319-018	.07	MS9319-064	.16	MS9319-110	.30	MS9319-156	.48	
.656			MS9319-065	.17	MS9319-111	.31	MS9319-157	.50	
.688			MS9319-066	.17	MS9319-112	.32	MS9319-158	.52	
.719			MS9319-067	.18	MS9319-113	.34	MS9319-159	.53	
.750			MS9319-068	.19	MS9319-114	.35	MS9319-160	.55	
.812	MS9319-070	.20	MS9319-116	.37	MS9319-162	.59			
.875	MS9319-072	.21	MS9319-118	.40	MS9319-164	.63			
.938	MS9319-074	.23	MS9319-120	.42	MS9319-166	.67			
1.000			MS9319-076	.24	MS9319-122	.45	MS9319-168	.71	
1.062					MS9319-124	.47	MS9319-170	.75	
1.125					MS9319-126	.50	MS9319-172	.79	
1.188					MS9319-128	.52	MS9319-174	.83	
1.250					MS9319-130	.55	MS9319-176	.86	
1.312					MS9319-132	.58	MS9319-178	.90	
1.375					MS9319-134	.60	MS9319-180	.94	
1.438					MS9319-136	.62	MS9319-182	.98	
1.500					MS9319-138	.65	MS9319-184	1.02	

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TABLE 2 - DIMENSIONS AND PART NUMBERS (CONTINUED)

NOM SIZE	Ø.188		Ø.250		Ø.312		Ø.375		
	L ±.010	PART NO.	APPROX. WEIGHT LB/100						
.125									
.156									
.188									
.219									
.250	MS9319-190	.38							
.281	MS9319-191	.41							
.312	MS9319-192	.44	MS9319-238	.89					
.344	MS9319-193	.47	MS9319-239	.94					
.375	MS9319-194	.50	MS9319-240	.99					
.406	MS9319-195	.53	MS9319-241	1.04					
.438	MS9319-196	.54	MS9319-242	1.09					
.469	MS9319-197	.58	MS9319-243	1.14					
.500	MS9319-198	.61	MS9319-244	1.19					
.531	MS9319-199	.64	MS9319-245	1.24					
.562	MS9319-200	.67	MS9319-246	1.29	MS9319-292	2.15			
.594	MS9319-201	.69	MS9319-247	1.34	MS9319-293	2.23			
.625	MS9319-202	.72	MS9319-248	1.39	MS9319-294	2.31			
.656	MS9319-203	.75	MS9319-249	1.44	MS9319-295	2.39			
.688	MS9319-204	.78	MS9319-250	1.49	MS9319-296	2.47			
.719	MS9319-205	.81	MS9319-251	1.54	MS9319-297	2.54			
.750	MS9319-206	.83	MS9319-252	1.59	MS9319-298	2.62	MS9319-344	4.00	
.812	MS9319-208	.89	MS9319-254	1.69	MS9319-300	2.77	MS9319-346	4.22	
.875	MS9319-210	.95	MS9319-256	1.79	MS9319-302	2.93	MS9319-348	4.45	
.938	MS9319-212	1.00	MS9319-258	1.89	MS9319-304	3.09	MS9319-350	4.68	
1.000	MS9319-214	1.06	MS9319-260	1.99	MS9319-306	3.25	MS9319-352	4.90	
1.062	MS9319-216	1.12	MS9319-262	2.09	MS9319-306	3.41	MS9319-354	5.11	
1.125	MS9319-218	1.17	MS9319-264	2.19	MS9319-310	3.57	MS9319-356	5.35	
1.188	MS9319-220	1.23	MS9319-266	2.29	MS9319-312	3.71	MS9319-358	5.56	
1.250	MS9319-222	1.28	MS9319-268	2.39	MS9319-314	3.87	MS9319-360	5.80	
1.312	MS9319-224	1.34	MS9319-270	2.49	MS9319-316	4.03	MS9319-362	6.04	
1.375	MS9319-226	1.39	MS9319-272	2.59	MS9319-318	4.19	MS9319-364	6.25	
1.438	MS9319-228	1.45	MS9319-274	2.69	MS9319-320	4.34	MS9319-366	6.48	
1.500	MS9319-230	1.51	MS9319-276	2.79	MS9319-322	4.50	MS9319-368	6.70	

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