

REV.  
A

SAE AS9318

FEDERAL SUPPLY CLASS  
5320

RATIONALE

AS9318A 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 MS9318 REVISION B. 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.

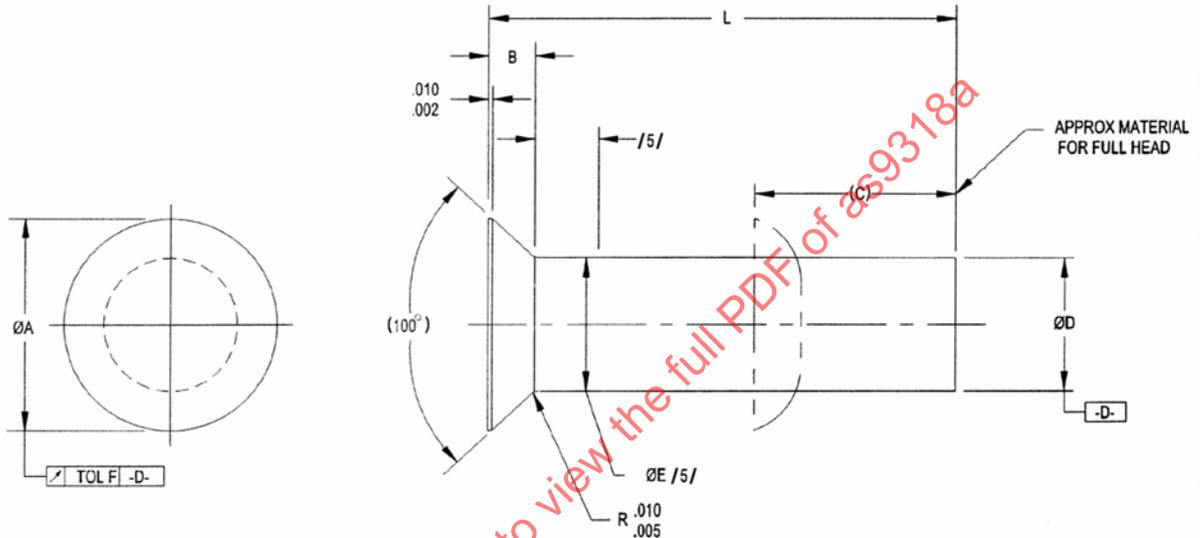


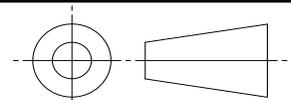
FIGURE 1 - RIVET

TABLE 1 - DIMENSIONS

NOMINAL SIZE Ø	ØA	B		(C)	ØD	ØE	TOL F
		MIN	MAX				
.062	.099-.107	.019	.023	.094	.061-.063	.061-.064	.005
.094	.164-.172	.033	.037	.141	.093-.095	.093-.096	.005
.125	.210-.218	.039	.043	.188	.123-.126	.123-.128	.005
.156	.272-.280	.052	.056	.234	.154-.157	.154-.159	.010
.188	.337-.347	.067	.071	.281	.186-.189	.186-.191	.010
.250	.460-.470	.092	.096	.375	.248-.252	.248-.254	.015
.312	.548-.558	.103	.107	.469	.310-.314	.310-.316	.015
.375	.678-.688	.131	.135	.562	.373-.377	.373-.379	.015

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7233 EXCEPT AS NOTED

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

RIVET, SOLID - 100° FLUSH HEAD,  
MONEL UNS N04400

**SAE AS9318**  
SHEET 1 OF 4

**REV. A**

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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	MS9318-002	.01							
.156	MS9318-003	.02							
.188	MS9318-004	.02	MS9318-050	.05					
.219	MS9318-005	.02	MS9318-051	.06					
.250	MS9318-006	.03	MS9318-052	.06	MS9318-098	.12			
.281	MS9318-007	.03	MS9318-053	.07	MS9318-099	.13			
.312	MS9318-008	.03	MS9318-054	.08	MS9318-100	.14	MS9318-146	.22	
.344	MS9318-009	.03	MS9318-055	.08	MS9318-101	.15	MS9318-147	.24	
.375	MS9318-010	.04	MS9318-056	.09	MS9318-102	.17	MS9318-148	.26	
.406	MS9318-011	.04	MS9318-057	.10	MS9318-103	.18	MS9318-149	.28	
.438	MS9318-012	.04	MS9318-058	.10	MS9318-104	.19	MS9318-150	.31	
.469	MS9318-013	.05	MS9318-059	.11	MS9318-105	.20	MS9318-151	.32	
.500	MS9318-014	.05	MS9318-060	.12	MS9318-106	.21	MS9318-152	.34	
.531	MS9318-015	.05	MS9318-061	.12	MS9318-107	.23	MS9318-153	.36	
.562	MS9318-016	.06	MS9318-062	.13	MS9318-108	.24	MS9318-154	.38	
.594	MS9318-017	.06	MS9318-063	.14	MS9318-109	.25	MS9318-155	.40	
.625	MS9318-018	.06	MS9318-064	.14	MS9318-110	.27	MS9318-156	.42	
.656			MS9318-065	.15	MS9318-111	.28	MS9318-157	.44	
.688			MS9318-066	.16	MS9318-112	.29	MS9318-158	.46	
.719			MS9318-067	.16	MS9318-113	.30	MS9318-159	.48	
.750			MS9318-068	.17	MS9318-114	.31	MS9318-160	.50	
.781									
.812			MS9318-070	.18	MS9318-116	.34	MS9318-162	.53	
.844									
.875			MS9318-072	.20	MS9318-118	.37	MS9318-164	.57	
.906									
.938			MS9318-074	.21	MS9318-120	.39	MS9318-166	.62	
1.000			MS9318-076	.22	MS9318-122	.41	MS9318-168	.65	
1.062					MS9318-124	.44	MS9318-170	.69	
1.125					MS9318-126	.46	MS9318-172	.73	
1.188					MS9318-128	.49	MS9318-174	.77	
1.250					MS9318-130	.51	MS9318-176	.80	
1.312					MS9318-132	.54	MS9318-178	.84	
1.375					MS9318-134	.58	MS9318-180	.88	
1.438					MS9318-136	.59	MS9318-182	.92	
1.500					MS9318-138	.61	MS9318-184	.96	

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	PART NO.	APPROX. WEIGHT LB/100	PART NO.	APPROX. WEIGHT LB/100	PART NO.
.125								
.156								
.188								
.219								
.250								
.281								
.312								
.344								
.375	MS9318-194	.40						
.406	MS9318-195	.43						
.438	MS9318-196	.45						
.469	MS9318-197	.48						
.500	MS9318-198	.51	MS9318-244	.96				
.531	MS9318-199	.54	MS9318-245	1.01				
.562	MS9318-200	.57	MS9318-246	1.06				
.594	MS9318-201	.60	MS9318-247	1.11				
.625	MS9318-202	.62	MS9318-248	1.16	MS9318-294	1.80		
.656	MS9318-203	.65	MS9318-249	1.21	MS9318-295	1.88		
.688	MS9318-204	.68	MS9318-250	1.26	MS9318-296	1.96		
.719	MS9318-205	.71	MS9318-251	1.31	MS9318-297	2.04		
.750	MS9318-206	.74	MS9318-252	1.36	MS9318-298	2.12	MS9318-344	3.18
.781	MS9318-207	.76						
.812	MS9318-208	.79	MS9318-254	1.46	MS9318-300	2.27	MS9318-346	3.40
.844	MS9318-209	.82						
.875	MS9318-210	.85	MS9318-256	1.56	MS9318-302	2.43	MS9318-348	3.62
.906	MS9318-211	.87						
.938	MS9318-212	.90	MS9318-258	1.66	MS9318-304	2.59	MS9318-350	3.85
1.000	MS9318-214	.96	MS9318-260	1.76	MS9318-306	2.74	MS9318-352	4.08
1.062	MS9318-216	1.02	MS9318-262	1.86	MS9318-308	2.90	MS9318-354	4.30
1.125	MS9318-218	1.07	MS9318-264	1.96	MS9318-310	3.05	MS9318-356	4.52
1.188	MS9318-220	1.13	MS9318-266	2.06	MS9318-312	3.08	MS9318-358	4.75
1.250	MS9318-222	1.19	MS9318-268	2.16	MS9318-314	3.37	MS9318-360	4.98
1.312	MS9318-224	1.24	MS9318-270	2.26	MS9318-316	3.52	MS9318-362	5.20
1.375	MS9318-226	1.30	MS9318-272	2.36	MS9318-318	3.59	MS9318-364	5.44
1.438	MS9318-228	1.35	MS9318-274	2.43	MS9318-320	3.84	MS9318-366	5.66
1.500	MS9318-230	1.41	MS9318-276	2.57	MS9318-322	3.99	MS9318-368	5.87

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