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SAE AS9403

RATIONALE

AS9403 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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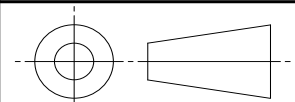
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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

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AEROSPACE STANDARD

RIVET, SOLID – UNIVERSAL HEAD,
AMS5737

SAE AS9403
SHEET 1 OF 5

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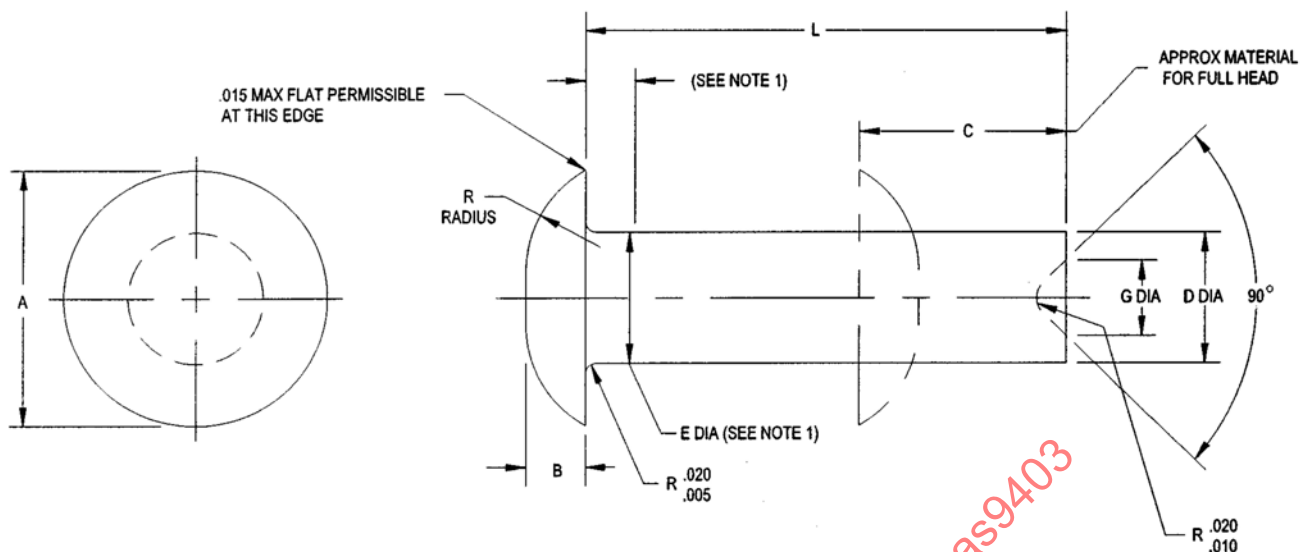


FIGURE 1 - RIVET

TABLE I - DIMENSIONS

NOMINAL SIZE	A	B + .010 - .000	C	D	E	G ±.005	R	(2) S
.062	.109 - .131	.027	.094	.061 - .063	.061 - .064	No Recess	.054	.010
.094	.179 - .197	.040	.141	.093 - .095	.093 - .096	No Recess	.082	.010
.125	.238 - .262	.054	.188	.123 - .126	.123 - .128	.070	.108	.010
.156	.296 - .328	.067	.234	.154 - .157	.154 - .159	.080	.135	.015
.188	.356 - .394	.080	.281	.186 - .189	.186 - .191	.100	.164	.015
.250	.475 - .525	.107	.375	.248 - .252	.248 - .254	.125	.217	.020
.312	.594 - .656	.133	.469	.310 - .314	.310 - .316	.150	.272	.020
.375	.713 - .787	.161	.562	.373 - .377	.373 - .379	.180	.328	.020

TABLE II - DIMENSIONS AND PART NUMBERS

NOM SIZE	.062		.094		.125		.156	
L	PART NO.	APPROX WEIGHT LB/100	PART NO.	APPROX WEIGHT LB/100	PART NO.	APPROX WEIGHT LB/100	PART NO.	APPROX WEIGHT LB/100
.125	MS9403-002	.02						
.156	MS9403-003	.02						
.188	MS9403-004	.02	MS9403-065	.06	MS9403-126	.13		
.219	MS9403-005	.03	MS9403-066	.07	MS9403-127	.14		
.250	MS9403-006	.03	MS9403-067	.08	MS9403-128	.15	MS9403-189	.24
.281	MS9403-007	.03	MS9403-068	.08	MS9403-129	.16	MS9403-190	.26
.312	MS9403-008	.04	MS9403-069	.09	MS9403-130	.17	MS9403-191	.28
.344	MS9403-009	.04	MS9403-070	.10	MS9403-131	.19	MS9403-192	.30
.375	MS9403-010	.04	MS9403-071	.10	MS9403-132	.20	MS9403-193	.32
.406	MS9403-011	.04	MS9403-072	.11	MS9403-133	.21	MS9403-194	.34
.438	MS9403-012	.05	MS9403-073	.12	MS9403-134	.22	MS9403-195	.36
.469	MS9403-013	.05	MS9403-074	.12	MS9403-135	.24	MS9403-196	.38
.500	MS9403-014	.05	MS9403-075	.13	MS9403-136	.25	MS9403-197	.40
.531	MS9403-015	.06	MS9403-076	.14	MS9403-137	.26	MS9403-198	.42
.562	MS9403-016	.06	MS9403-077	.14	MS9403-138	.27	MS9403-199	.44
.594	MS9403-017	.06	MS9403-078	.15	MS9403-139	.29	MS9403-200	.46
.625	MS9403-018	.07	MS9403-079	.16	MS9403-140	.30	MS9403-201	.48
.656			MS9403-080	.17	MS9403-141	.31	MS9403-202	.50
.688			MS9403-081	.17	MS9403-142	.32	MS9403-203	.52
.719			MS9403-082	.18	MS9403-143	.34	MS9403-204	.53
.750			MS9403-083	.19	MS9403-144	.35	MS9403-205	.55
.781			MS9403-084	.19	MS9403-145	.36	MS9403-206	.57
.812			MS9403-085	.20	MS9403-146	.37	MS9403-207	.59
.844			MS9403-086	.21	MS9403-147	.38	MS9403-208	.61
.875			MS9403-087	.21	MS9403-148	.40	MS9403-209	.63
.906			MS9403-088	.22	MS9403-149	.41	MS9403-210	.64
.938			MS9403-089	.23	MS9403-150	.42	MS9403-211	.67
.969			MS9403-090	.23	MS9403-151	.44	MS9403-212	.68
1.000			MS9403-091	.24	MS9403-152	.45	MS9403-213	.71
1.125					MS9403-156	.50	MS9403-217	.79
1.250					MS9403-160	.55	MS9403-221	.86
1.375					MS9403-164	.60	MS9403-225	.94
1.500					MS9403-168	.65	MS9403-229	1.02
1.625					MS9403-172	.70	MS9403-233	1.10
1.750					MS9403-176	.75	MS9403-237	1.17
1.875					MS9403-180	.80	MS9403-241	1.25
2.000					MS9403-184	.85	MS9403-245	1.33

TABLE II - DIMENSIONS AND PART NUMBERS - CONTINUED

NOM SIZE	.188		.250		.312		.375	
L	PART NO.	APPROX WEIGHT LB/100	PART NO.	APPROX WEIGHT LB/100	PART NO.	APPROX WEIGHT LB/100	PART NO.	APPROX WEIGHT LB/100
.125								
.156								
.188								
.219								
.250	MS9403-250	.38						
.281	MS9403-251	.41						
.312	MS9403-252	.44	MS9403-313	.89				
.344	MS9403-253	.47	MS9403-314	.94				
.375	MS9403-254	.50	MS9403-315	.99				
.406	MS9403-255	.53	MS9403-316	1.04				
.438	MS9403-256	.54	MS9403-317	1.09				
.469	MS9403-257	.58	MS9403-318	1.14				
.500	MS9403-258	.61	MS9403-319	1.19				
.531	MS9403-259	.64	MS9403-320	1.24				
.562	MS9403-260	.67	MS9403-321	1.29	MS9403-382	2.15		
.594	MS9403-261	.69	MS9403-322	1.34	MS9403-383	2.23		
.625	MS9403-262	.72	MS9403-323	1.39	MS9403-384	2.31		
.656	MS9403-263	.75	MS9403-324	1.44	MS9403-385	2.39		
.688	MS9403-264	.78	MS9403-325	1.49	MS9403-386	2.47		
.719	MS9403-265	.81	MS9403-326	1.54	MS9403-387	2.54		
.750	MS9403-266	.83	MS9403-327	1.59	MS9403-388	2.62	MS9403-449	4.00
.781	MS9403-267	.86	MS9403-328	1.64	MS9403-389	2.70	MS9403-450	4.11
.812	MS9403-268	.89	MS9403-329	1.69	MS9403-390	2.77	MS9403-451	4.22
.844	MS9403-269	.92	MS9403-330	1.74	MS9403-391	2.86	MS9403-452	4.33
.875	MS9403-270	.95	MS9403-331	1.79	MS9403-392	2.93	MS9403-453	4.45
.906	MS9403-271	.98	MS9403-332	1.84	MS9403-393	3.00	MS9403-454	4.56
.938	MS9403-272	1.00	MS9403-333	1.89	MS9403-394	3.09	MS9403-455	4.68
.969	MS9403-273	1.03	MS9403-334	1.94	MS9403-395	3.17	MS9403-456	4.78
1.000	MS9403-274	1.06	MS9403-335	1.99	MS9403-396	3.25	MS9403-457	4.90
1.125	MS9403-278	1.17	MS9403-339	2.19	MS9403-400	3.57	MS9403-461	5.35
1.250	MS9403-282	1.26	MS9403-343	2.39	MS9403-404	3.87	MS9403-465	5.80
1.375	MS9403-286	1.39	MS9403-347	2.59	MS9403-408	4.19	MS9403-469	6.25
1.500	MS9403-290	1.51	MS9403-351	2.79	MS9403-412	4.50	MS9403-473	6.70
1.625	MS9403-294	1.62	MS9403-355	2.99	MS9403-416	4.81	MS9403-477	7.15
1.750	MS9403-298	1.73	MS9403-359	3.19	MS9403-420	5.12	MS9403-481	7.60
1.875	MS9403-302	1.85	MS9403-363	3.39	MS9403-424	5.45	MS9403-485	8.05
2.000	MS9403-306	1.96	MS9403-367	3.59	MS9403-428	5.75	MS9403-489	8.50