

NOM DIA	A	A' ABSOLUTE MIN	B REF	C +.002 -.000	D +.002 -.001	E	F ±.005	G REF	P		S ±.010	T RAD ±.010	W	
									MAX	MIN			MAX	MIN
.094	.1478 .1405	.1263	.021	.003	.094	.006 .003	.091	.141	.0123	.0089	.023	.029	.1192	.1190
.125	.1957 .1884	.1742	.0286	.003	.125	.006 .003	.139	.188	.0141	.0106	.031	.039	.1628	.1626
.156	.2469 .2396	.2254	.0372	.003	.156	.006 .003	.190	.234	.0189	.0153	.039	.049	.2028	.2026
.188	.3014 .2966	.2824	.046	.004	.187	.006 .003	.203	.281	.0250	.0210	.047	.059	.2441	.2439
.250	.3948 .3898	.3756	.060	.004	.250	.006 .003	.321	.375	.0278	.0232	.062	.078	.3315	.3313

DIA	LENGTHS AND DASH NUMBERS																			
	188	250	312	375	438	500	562	625	750	875	1 000	1 125	1 250	1 375	1 500	1 750	2 000	2 500	3 000	
.094	3-3	3-4	3-5	3-6	3-7	3-8	3-9	3-10	3-12	3-14	3-16									
.125	4-3	4-4	4-5	4-6	4-7	4-8	4-9	4-10	4-12	4-14	4-16	4-18	4-20	4-22	4-24	4-28				
.156		5-4	5-5	5-6	5-7	5-8	5-9	5-10	5-12	5-14	5-16	5-18	5-20	5-22	5-24	5-28	5-32			
.188			6-5	6-6	6-7	6-8	6-9	6-10	6-12	6-14	6-16	6-18	6-20	6-22	6-24	6-28	6-32	6-40	6-48	
.250				8-6	8-7	8-8	8-9	8-10	8-12	8-14	8-16	8-18	8-20	8-22	8-24	8-28	8-32	8-40	8-48	

- ⑨ MATERIAL CODE: AD BEFORE FIRST DASH NUMBER DESIGNATES 2117-T4 ALUMINUM ALLOY.  
 B BEFORE FIRST DASH NUMBER DESIGNATES 5056-H32 ALUMINUM ALLOY.  
 D BEFORE FIRST DASH NUMBER DESIGNATES 2017-T4 ALUMINUM ALLOY.  
 DD BEFORE FIRST DASH NUMBER DESIGNATES 2024-T4 ALUMINUM ALLOY.  
 E BEFORE FIRST DASH NUMBER DESIGNATES 2219-T81 ALUMINUM ALLOY.  
 KE BEFORE FIRST DASH NUMBER DESIGNATES 7050-T73 ALUMINUM ALLOY.  
 U BEFORE FIRST DASH NUMBER DESIGNATES 45Cb TITANIUM COLUMBIUM ALLOY.

EXAMPLE: NAS1097AD5-6 = RIVET ALUMINUM ALLOY 2117-T4, .156 DIA, .375 LONG.  
 NAS1097AD5-6A = RIVET ALUMINUM ALLOY 2117-T4, .156 DIA, .375 LONG, ANODIZED.  
 ⑨ NAS1097AD5-6D = RIVET ALUMINUM ALLOY 2117-T4, .156 DIA, .375 LONG, DICHROMATE SEAL.

MATERIAL: 2117-T4, 5056-H32, 2017-T4, 2024-T4, 2219-T81, 7050-T73 ALUMINUM ALLOYS; 45Cb-55Ti.  
 TITANIUM COLUMBIUM ALLOY, PER PROCUREMENT SPECIFICATION.

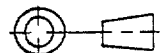
FINISH: SEE PROCUREMENT SPECIFICATION, EXCEPT AS NOTED  
 NO CODE FOLLOWING LAST DIGIT OF DASH NUMBER:  
 CHEMICAL CONVERSION PER MIL-C-5541, CLASS 1A, YELLOW.  
 LETTER "A" FOLLOWING LAST DIGIT OF DASH NUMBER:  
 ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, CLEAR.  
 ⑨ LETTER "D" FOLLOWING LAST DIGIT OF DASH NUMBER: ANODIZE PER  
 MIL-A-8625, TYPE II, CLASS 1 (DICHROMATE SEAL), COLOR-YELLOW.

## LIST OF CURRENT SHEETS

SHT.	REV.
1	9
2	NEW

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION

TITLE

CLASSIFICATION

MIL-R-5674

**RIVET, SOLID, 100 DEG. FLUSH SHEAR HEAD,  
ALUMINUM ALLOY, TITANIUM COLUMBIUM ALLOY**
**STANDARD PART**
**NAS1097**

SHEET 1 OF 2

- NOTES:
1. .001 SHANK DIA INCREASE PERMISSIBLE WITHIN .100 INCH OF BASE OF HEAD.
  - ⑤ 2. RIVETS MAY BE FURNISHED WITH PLAIN ENDS, OR CHAMFERED ENDS WITH A RADIUS TO THE T DIMENSION OR A 20° CHAMFER TO THE S DIMENSION.
  3. A PROFILE VIEW OF LAND AREA MAY VARY FROM A LINE PARALLEL WITH THE SHANK TO A CURVE THAT WILL FALL WITHIN THE LIMITS ALLOWED.
  4. THE CONICAL SURFACE OF THE HEAD SHALL BE CONCENTRIC WITH THE SHANK OF THE RIVET WITHIN .005 (.010 TOTAL INDICATOR READING).
  5. HEAD COCKING ANGLE RELATIVE TO AXIS OF RIVET 1/2° MAX.
  6. MAXIMUM HEAD DIAMETERS ARE TO THEORETICAL SHARP CORNERS AS MEASURED BY PROJECTION.
  7. "P" PROTRUSION VALUES TO BE CHECKED WITH NAS526.
  8. SEE NAS527 FOR THE RECOMMENDED PRACTICE FOR INSPECTING HEAD CHARACTERISTICS.
  - ⑤ 9. FOR PART NUMBERS OF RIVET LENGTHS NOT LISTED ABOVE, .0625 INCH INCREMENT MAY BE ADDED AS REQUIRED. .0312 INCH INCREMENT MAY BE OBTAINED BY ADDING -5 AFTER THE LAST DASH NUMBER.

AIA AND ITS COMMITTEES WILL NOT INVESTIGATE THE APPLICABILITY OF THESE STANDARDS AND IN RESPECT THEREOF DO NOT ASSUME ANY LIABILITY TO PATENT OWNERS OR TO PROSPECTIVE USERS

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON

NAS1097

SHEET 2