

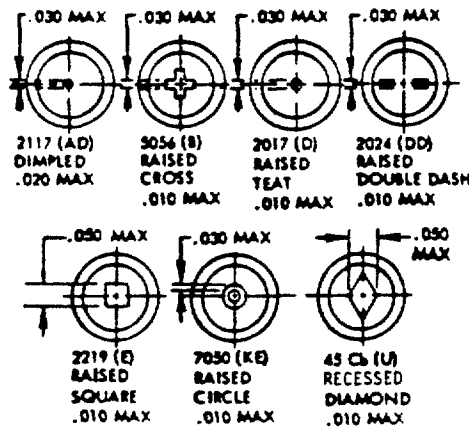
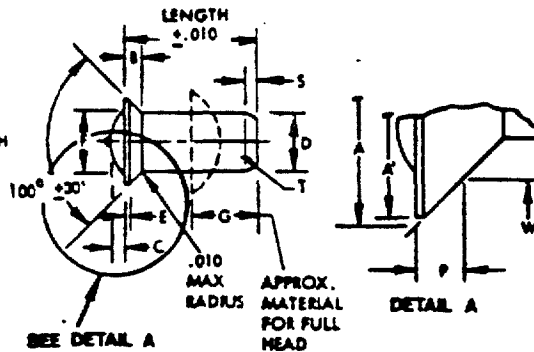


**Aerospace
Industries
Association**

NATIONAL AEROSPACE STANDARD

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FED SUP CLASS
5320



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	.3016 .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**

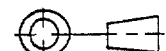
PROCUREMENT
SPECIFICATION

MIL-R-5674

TITLE

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

THIRD
ANGLE
PROJECTION



CLASSIFICATION
STANDARD PART

NAS1097

SHEET 1 OF 2

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY CONFORMANCE OF ITEMS PROCURED UNDER NATIONAL AEROSPACE STANDARDS. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF ITEMS FOR ANY PARTICULAR APPLICATION, OR (2) THE EXISTENCE OF OR APPLICABILITY THERETO OF PATENT OR TRADEMARK RIGHTS.

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1250 EYE STREET, N.W.
WASHINGTON, D.C. 20005

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APPROVAL DATE DECEMBER 1958 REVISION ⑧ 8 JULY 1988 ⑨ 15 OCTOBER 1993

NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON, D. C. 20036

- 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.

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SHEET 2