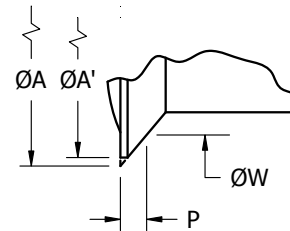
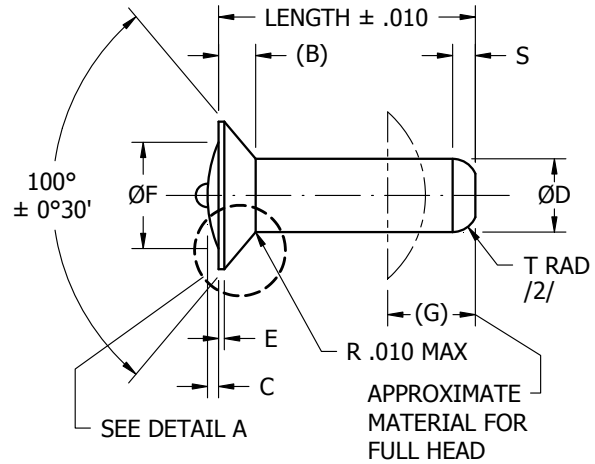
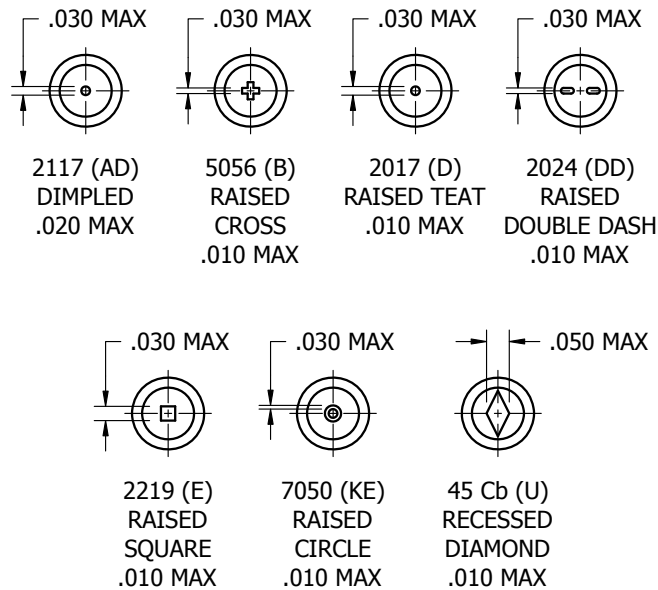


FED. SUPPLY CLASS

5320



DETAIL A

TABLE I – DIMENSIONS

NOM DIA	ØA	ØA' ABS MIN	(B)	C +.002 -.000	ØD +.002 -.001	E	ØF ± .005	(G)	P		S ±.010	T RAD ±.010	ØW	
									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

10 COMPLETELY REVISED

THIRD ANGLE PROJECTION

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
10

PROCUREMENT SPECIFICATION

TITLE

10

CLASSIFICATION
PART STANDARD

NASM5674

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



NAS1097
SHEET 1 OF 3

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MATERIAL:

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

FINISH:

SEE PROCUREMENT SPECIFICATION, EXCEPT AS NOTED.
CHEMICAL CONVERSION PER MIL-DTL-5541, CLASS 1A, YELLOW.
ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, CLEAR.
ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (DICHROMATE SEAL), COLOR-YELLOW.

CODE:

MATERIAL CODE: PRECEDES FIRST DASH NUMBER.
"AD" DESIGNATES 2117-T4 ALUMINUM ALLOY.
"B" DESIGNATES 5056-H32 ALUMINUM ALLOY.
"D" DESIGNATES 2017-T4 ALUMINUM ALLOY.
"DD" DESIGNATES 2024-T4 ALUMINUM ALLOY.
"E" DESIGNATES 2219-T81 ALUMINUM ALLOY.
"KE" DESIGNATES 7050-T73 ALUMINUM ALLOY.
"U" DESIGNATES 45Cb TITANIUM COLUMBIUM ALLOY.
FINISH CODE: FOLLOWS LAST DIGIT OF DASH NUMBER.
NO CODE DESIGNATES CHEMICAL CONVERSION.
"A" DESIGNATES ANODIZE, CLEAR.
"D" DESIGNATES ANODIZE (DICHROMATE SEAL), COLOR-YELLOW.

EXAMPLES OF PART NUMBER:

NAS1097AD5-6 = RIVET, ALUMINUM ALLOY 2117-T4, Ø.156, .375 LONG, CHEMICAL CONVERSION.
NAS1097AD5-6A = RIVET, ALUMINUM ALLOY 2117-T4, Ø.156, .375 LONG, CLEAR ANODIZED.
NAS1097AD5-6D = RIVET, ALUMINUM ALLOY 2117-T4, Ø.156, .375 LONG, ANODIZED WITH
DICHROMATE SEAL.

NOTES:

- (1) .001 SHANK DIAMETER INCREASE PERMISSIBLE WITHIN .100 INCH OF BASE OF HEAD.
- /2/ RIVETS MAY BE FURNISHED WITH PLAIN ENDS, OR CHAMFERED ENDS WITH A RADIUS TO "T" OR A 20° CHAMFER TO "S".
- (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 FIM).
- (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.

REVISION

10

⑩ COMPLETELY REVISED



NAS1097
SHEET 2

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