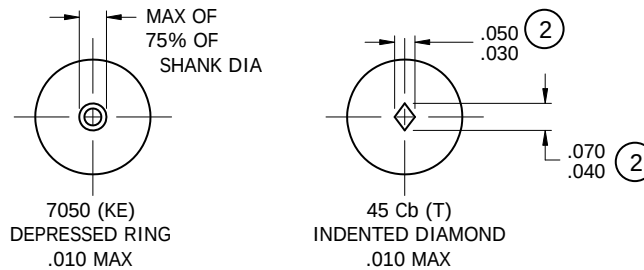
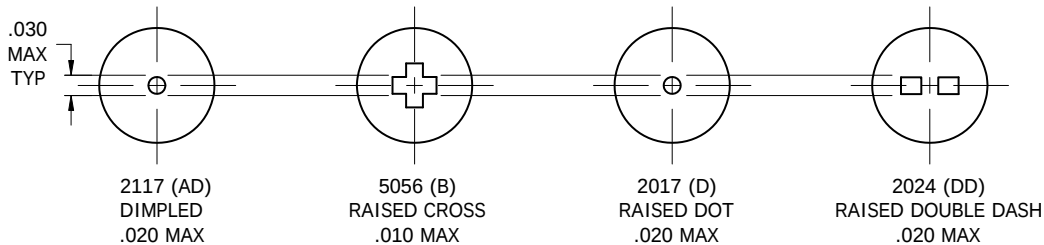
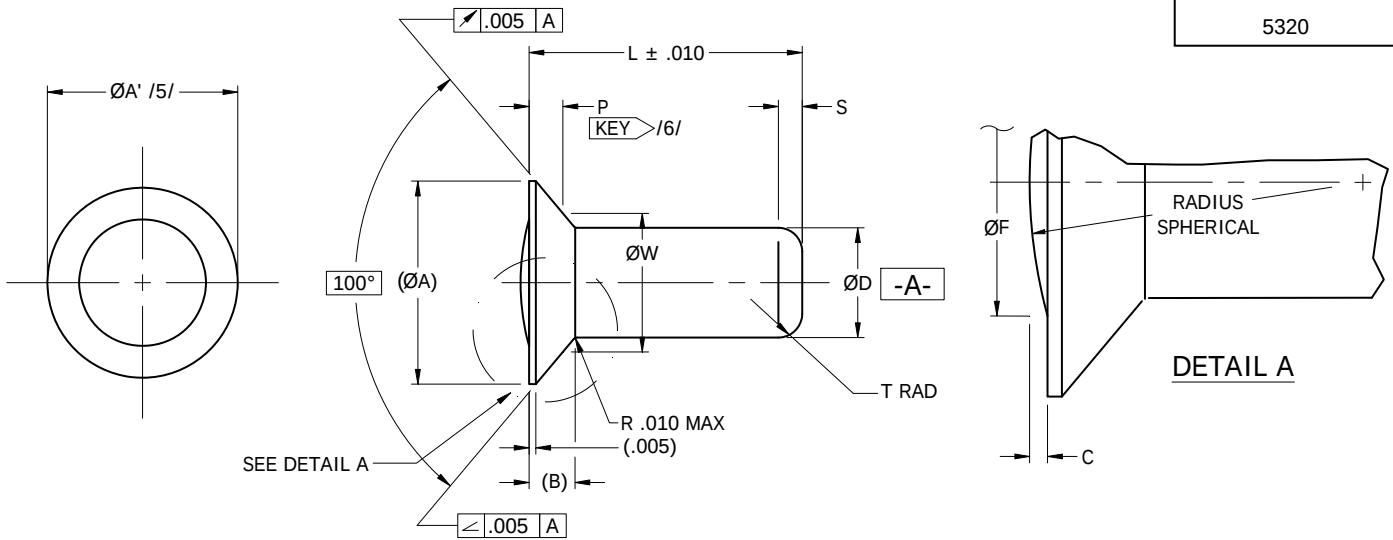


FED. SUPPLY CLASS

5320



THIS RIVET IS A CLOSE TOLERANCE VERSION OF NAS1097

TABLE I – DIMENSIONS

NOMINAL DIAMETER	DIAMETER DASH NUMBER	ØA' ACTUAL HEAD DIAMETER ±.004	(ØA) THEORETICAL HEAD DIAMETER	(B) HEAD HEIGHT	C CROWN HEIGHT +.002 –.000	ØD SHANK ±.002 –.001	ØF ±.005	P GAGE ±.0009	S ±.010	T RAD ±.010	ØW ±.0001
.094	3	.134	.1444	.0210	.003	.094	.091	.0106	.023	.029	.1191
.125	4	.182	.1923	.0286	.003	.125	.139	.0123	.031	.039	.1630
.156	5	.233	.2434	.0372	.003	.156	.190	.0136	.039	.049	.2110
.188	6	.288	.2988	.0460	.004	.187	.203	.0230	.047	.059	.2439
.250	8	.381	.3922	.0600	.004	.250	.321	.0255	.062	.078	.3313

THIRD ANGLE PROJECTION

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
2

PROCUREMENT SPECIFICATION
NASM5674

TITLE
**RIVET, SOLID, CLOSE TOLERANCE,
100°, FLUSH, REDUCED SHEAR HEAD, ALUMINUM ALLOY,
TITANIUM-COLUMBIUM ALLOY**

CLASSIFICATION
PART STANDARD

NAS9314
SHEET 1 OF 3

2 MATERIAL:

ALUMINUM ALLOY - 2117-T4 (UNS A92117), 5056-H32 (UNS A95056), 2017-T4 (UNS A92017),
2024-T4 (UNS A92024), OR 7050-T73 (UNS A97050) PER QQ-A-430.

TITANIUM-COLUMBIUM – 45Cb (UNS R58450) PER AMS4982

FINISH:

FOR ALUMINUM ALLOY,

ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, CLEAR.

ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (DICHROMATE SEAL).

CHEM-FILM PER MIL-DTL-5541, CLASS 1A, CLEAR. NOT PERMITTED FOR DD (2024) ALLOY.

CHEM-FILM PER MIL-DTL-5541, CLASS 1A, GOLD/YELLOW. NOT PERMITTED FOR DD (2024) ALLOY.

CODE:

“AD” AFTER BASIC PART NUMBER INDICATES AL ALLOY 2117-T4.

“B” AFTER BASIC PART NUMBER INDICATES AL ALLOY 5056-H32.

“D” AFTER BASIC PART NUMBER INDICATES AL ALLOY 2017-T4.

“DD” AFTER BASIC PART NUMBER INDICATES AL ALLOY 2024-T4.

“KE” AFTER BASIC PART NUMBER INDICATES AL ALLOY 7050-T73.

“T” AFTER BASIC PART NUMBER INDICATES TITANIUM-COLUMBIUM 45Cb.

“A” AFTER LENGTH DASH NUMBER INDICATES ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, CLEAR.

“D” AFTER LENGTH DASH NUMBER INDICATES ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (DICHROMATE SEAL).

“S” AFTER LENGTH DASH NUMBER INDICATES CHEM-FILM PER MIL-DTL-5541, CLASS 1A, CLEAR.

NO CODE AFTER LENGTH DASH NUMBER INDICATES CHEM-FILM PER MIL-DTL-5541, CLASS 1A, GOLD/YELLOW.

2

EXAMPLE OF PART NUMBER:

NAS9314 AD 5-6 A = 100° FLUSH, REDUCED SHEAR HEAD, SOLID, CLOSE TOLERANCE RIVET,
ANODIZED ALUMINUM ALLOY 2117-T4, 5/32 DIAMETER, 3/8 LONG

FINISH CODE (SEE ABOVE)

LENGTH IN .0625 INCREMENTS /4/

DIAMETER IN .0312 INCREMENTS

MATERIAL CODE (SEE ABOVE)

BASIC PART NUMBER

NOTES:

- (1) .001 SHANK DIAMETER INCREASE PERMISSIBLE WITHIN .100 OF BASE OF HEAD.
- (2) RIVETS SHALL BE FURNISHED WITH RADIUS (OR CHAMFERED) ENDS WITH A RADIUS TO THE “T” DIMENSION, OR A 20° CHAMFER TO THE “S” DIMENSION, EXCEPT WHEN LENGTH EXCEEDS 7 TIMES THE DIAMETER, THE RIVET SHALL BE SQUARE ENDED ONLY.
- (3) HEAD SURFACE PERPENDICULAR RELATIVE TO AXIS OF RIVET: 0°-30° MAX.

REVISION

2

NAS9314
SHEET 2



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