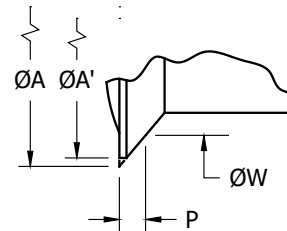
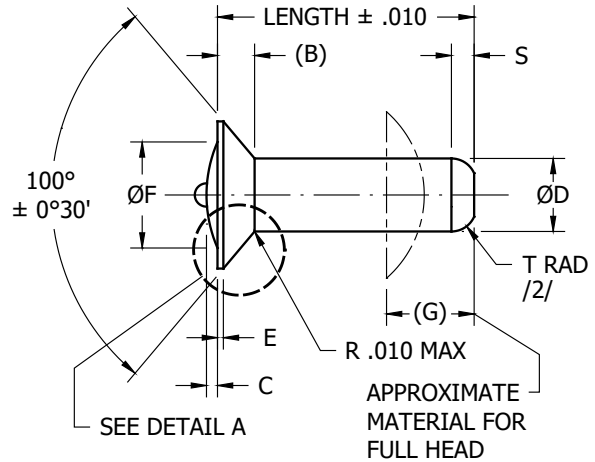
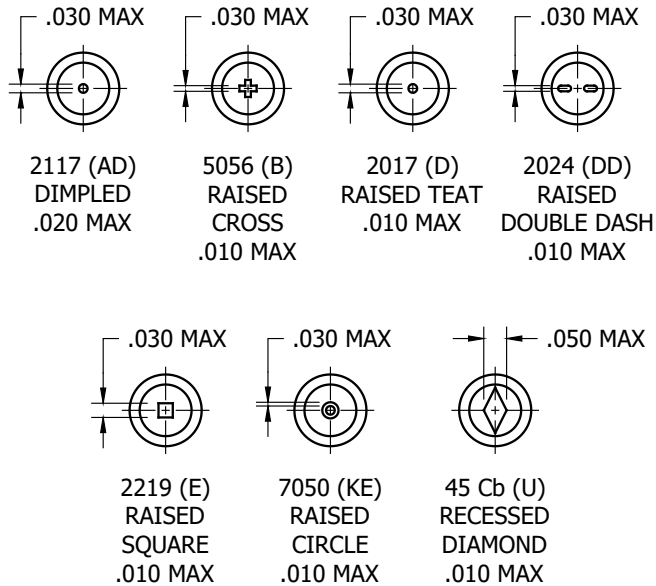


FED. SUPPLY CLASS

5320



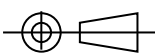
DETAIL A

11

TABLE I - DIMENSIONS

| NOM<br>DIA<br>CODE | NOM<br>DIA<br>REF | $\varnothing A$ | $\varnothing A'$<br>MIN | (B)  | C<br>+.002<br>-.000 | $\varnothing D$<br>+.002<br>-.001 | E            | $\varnothing F$<br>$\pm .005$ | (G)  | P     |       | S<br>$\pm .010$ | T<br>RAD<br>$\pm .010$ | $\varnothing W$ |       |
|--------------------|-------------------|-----------------|-------------------------|------|---------------------|-----------------------------------|--------------|-------------------------------|------|-------|-------|-----------------|------------------------|-----------------|-------|
|                    |                   |                 |                         |      |                     |                                   |              |                               |      | MAX   | MIN   |                 |                        | MAX             | MIN   |
| 3                  | .094              | .1478<br>.1405  | .1263                   | .021 | .003                | .094                              | .006<br>.003 | .091                          | .141 | .0123 | .0089 | .023            | .029                   | .1192           | .1190 |
| 4                  | .125              | .1957<br>.1884  | .1742                   | .029 | .003                | .125                              | .006<br>.003 | .139                          | .188 | .0141 | .0106 | .031            | .039                   | .1628           | .1626 |
| 5                  | .156              | .2469<br>.2396  | .2254                   | .037 | .003                | .156                              | .006<br>.003 | .190                          | .234 | .0189 | .0153 | .039            | .049                   | .2028           | .2026 |
| 6                  | .188              | .3016<br>.2966  | .2824                   | .046 | .004                | .187                              | .006<br>.003 | .203                          | .281 | .0250 | .0210 | .047            | .059                   | .2441           | .2439 |
| 8                  | .250              | .3948<br>.3898  | .3756                   | .060 | .004                | .250                              | .006<br>.003 | .321                          | .375 | .0278 | .0232 | .062            | .078                   | .3315           | .3313 |

THIRD  
ANGLE  
PROJECTION



CUSTODIAN  
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

11

PROCUREMENT  
SPECIFICATION

TITLE

CLASSIFICATION  
PART STANDARD

NASM5674

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

**NAS1097**  
SHEET 1 OF 4

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 PRODUCED 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 TRADEMARKS RIGHTS.

MATERIAL:

ALUMINUM ALLOYS, 2117-T4, 5056-H32, 2017-T4, 2024-T4, 2219-T81, AND 7050-T73 PER QQ-A-430.  
TITANIUM COLUMBIUM ALLOY, 45Cb-55Ti PER AMS4982.

FINISH:

ALUMINUM ALLOYS:

- ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, CLEAR.
- ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (DICHROMATE SEAL), YELLOW.
- ANODIZE PER MIL-A-8625, TYPE II, CLASS 2.
- CHEMICAL CONVERSION COATING PER MIL-DTL-5541, TYPE I, CLASS 1A, GOLD/YELLOW.
- CHEMICAL CONVERSION COATING PER MIL-DTL-5541, TYPE I, CLASS 1A, CLEAR.

TITANIUM COLUMBIUM ALLOY:

- NO FINISH.
- ANODIZE PER ISO 8080.
- ION VAPOR DEPOSITED COATING PER MIL-DTL-83488.

CODE:

NAS1097 AD 5 - 6 A -5

OPTION:

NO CODE = NO ADDITIONAL HALF LENGTH INCREMENT  
"-5" = .0312 ADDITIONAL LENGTH INCREMENT /8/

FINISH:

ALUMINUM ALLOYS:

NO CODE = CHEMICAL CONVERSION, GOLD/YELLOW  
"A" = ANODIZE, CLASS 1, CLEAR  
"D" = ANODIZE, CLASS 1 (DICHROMATE SEAL), YELLOW  
"F" = OPTION OF ANY FINISH  
"N" = ANODIZE, TYPE II, CLASS 2  
"S" = CHEMICAL CONVERSION, CLEAR

TITANIUM COLUMBIUM ALLOY:

NO CODE = NO FINISH  
"P" = ANODIZE  
"V" = ION VAPOR DEPOSITED COATING

LENGTH CODE IN .0625 INCREMENTS:  
(SEE TABLE II) /8/

DIAMETER CODE IN .0312 INCREMENTS:  
(SEE TABLE I)

MATERIAL:

"AD" = 2117-T4 ALUMINUM ALLOY  
"B" = 5056-H32 ALUMINUM ALLOY  
"D" = 2017-T4 ALUMINUM ALLOY  
"DD" = 2024-T4 ALUMINUM ALLOY  
"E" = 2219-T81 ALUMINUM ALLOY  
"KE" = 7050-T73 ALUMINUM ALLOY  
"U" = 45Cb TITANIUM COLUMBIUM ALLOY

BASIC PART NUMBER

11 COMPLETELY REVISED

REVISION

11

NAS1097  
SHEET 2



Document Sharing Hub