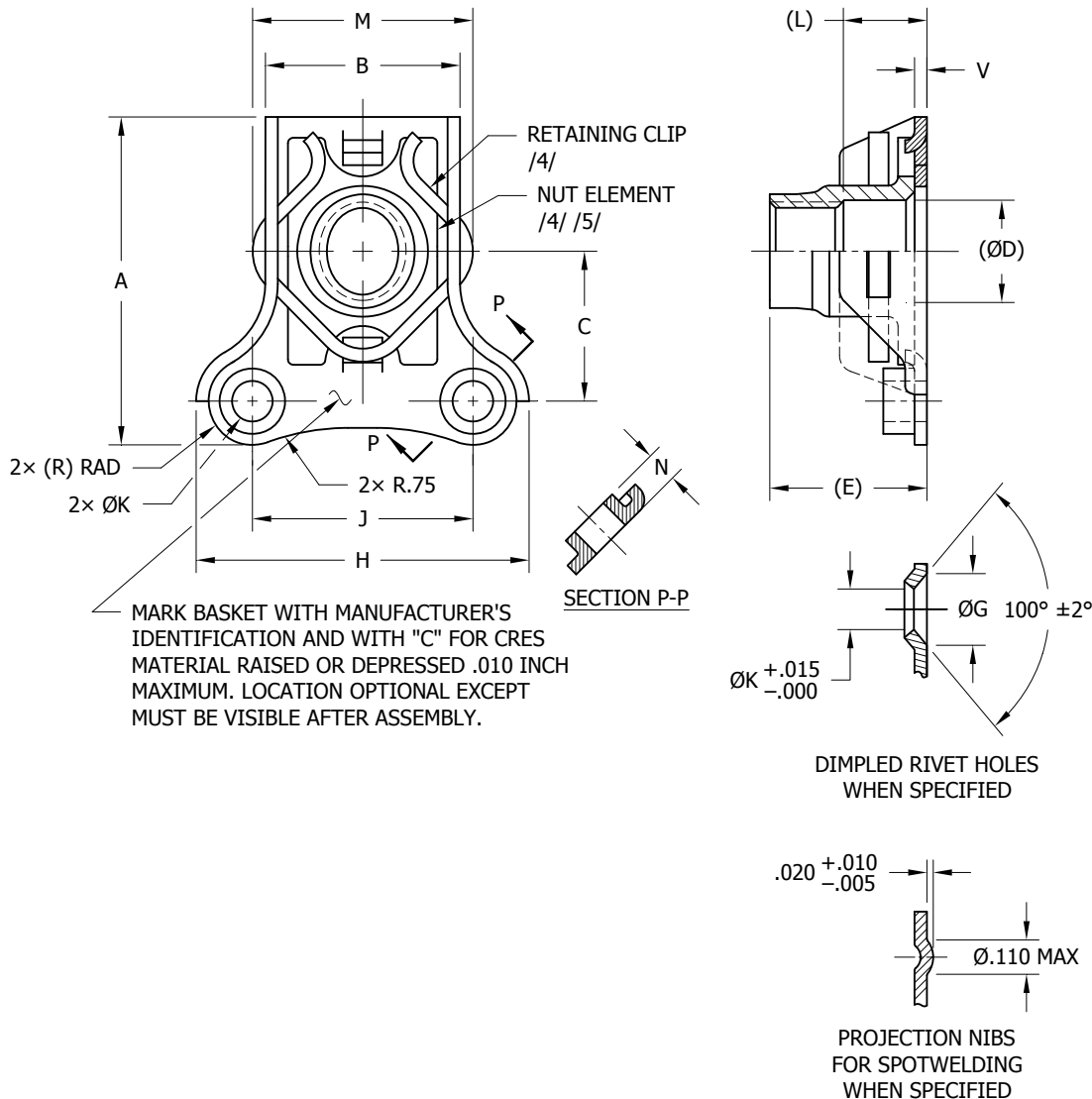


FED. SUPPLY CLASS

5310



AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.  
1000 WILSON BLVD.  
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME  
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST  
REVISION DATE.

FORM 12-01

|                                           |                                                                                                                                                   |                                 |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| THIRD<br>ANGLE<br>PROJECTION              | CUSTODIAN<br>NATIONAL AEROSPACE STANDARDS COMMITTEE                                                                                               | REVISION<br><b>3</b>            |
| PROCUREMENT<br>SPECIFICATION<br><br>NOTED | TITLE<br><b>NUT, SELF-LOCKING, PLATE, CORNER, FLOATING,<br/>VARIABLE COUNTERBORE, REPLACEABLE<br/>NUT ELEMENT, 125 KSI FTU, 450 °F AND 800 °F</b> | CLASSIFICATION<br>PART STANDARD |
|                                           |                                                                                                                                                   | <b>NAS1793</b><br>SHEET 1 OF 4  |

REVISION DATE: MAY 29, 2015

ISSUE DATE: NOVEMBER 1978

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TABLE I – DIMENSIONS AND DASH NUMBERS

| DASH NUMBER | THREAD (REF)     | A MAX | B MAX | C ±.005 /5/ | (ØD) | (E) MAX | ØG ±.010 | H MAX | J ±.002 | ØK +.005 –.000 | (L) CBORE MIN |
|-------------|------------------|-------|-------|-------------|------|---------|----------|-------|---------|----------------|---------------|
| 3-1         | .1640-32 UNJC-3B | .750  | .445  | .335        | .194 | .250    | .200     | .830  | .486    | .098           | .070          |
| 3-2         |                  |       |       |             |      | .312    |          |       |         |                | .125          |
| 3-3         |                  |       |       |             |      | .375    |          |       |         |                | .188          |
| 3-4         |                  |       |       |             |      | .438    |          |       |         |                | .250          |
| 3-5         |                  |       |       |             |      | .500    |          |       |         |                | .313          |
| 3-6         |                  |       |       |             |      | .562    |          |       |         |                | .375          |
| 4-1         | .1900-32 UNJF-3B | .900  | .547  | .375        | .254 | .295    | .200     | 1.050 | .707    | .098           | .070          |
| 4-2         |                  |       |       |             |      | .357    |          |       |         |                | .125          |
| 4-3         |                  |       |       |             |      | .419    |          |       |         |                | .188          |
| 4-4         |                  |       |       |             |      | .481    |          |       |         |                | .250          |
| 4-5         |                  |       |       |             |      | .543    |          |       |         |                | .313          |
| 4-6         |                  |       |       |             |      | .605    |          |       |         |                | .375          |
| 5-1         | .2500-28 UNJF-3B | 1.050 | .643  | .480        | .317 | .344    | .230     | 1.100 | .707    | .130           | .070          |
| 5-2         |                  |       |       |             |      | .400    |          |       |         |                | .125          |
| 5-3         |                  |       |       |             |      | .461    |          |       |         |                | .188          |
| 5-4         |                  |       |       |             |      | .524    |          |       |         |                | .250          |
| 5-5         |                  |       |       |             |      | .586    |          |       |         |                | .313          |
| 5-6         |                  |       |       |             |      | .649    |          |       |         |                | .375          |

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TABLE I – DIMENSIONS AND DASH NUMBERS (CONT)

| DASH NUMBER | M MAX | N ±.010 | (R)  | V ±.005 | AXIAL TENSILE STRENGTH MIN LBF (REF) | PUSH-OUT MIN LBF | TORQUE-OUT MIN IN-LBF | MAX WEIGHT LBS/100 |
|-------------|-------|---------|------|---------|--------------------------------------|------------------|-----------------------|--------------------|
| 3-1         | .484  | .077    | .120 | .032    | 2,825                                | 125              | 90                    | .73                |
| 3-2         |       |         |      |         |                                      |                  |                       | .80                |
| 3-3         |       |         |      |         |                                      |                  |                       | .84                |
| 3-4         |       |         |      |         |                                      |                  |                       | .89                |
| 3-5         |       |         |      |         |                                      |                  |                       | .94                |
| 3-6         |       |         |      |         |                                      |                  |                       | .99                |
| 4-1         | .584  | .077    | .120 | .032    | 5,060                                | 150              | 160                   | 1.34               |
| 4-2         |       |         |      |         |                                      |                  |                       | 1.43               |
| 4-3         |       |         |      |         |                                      |                  |                       | 1.52               |
| 4-4         |       |         |      |         |                                      |                  |                       | 1.59               |
| 4-5         |       |         |      |         |                                      |                  |                       | 1.69               |
| 4-6         |       |         |      |         |                                      |                  |                       | 1.79               |
| 5-1         | .720  | .100    | .140 | .040    | 8,000                                | 175              | 280                   | 2.17               |
| 5-2         |       |         |      |         |                                      |                  |                       | 2.23               |
| 5-3         |       |         |      |         |                                      |                  |                       | 2.33               |
| 5-4         |       |         |      |         |                                      |                  |                       | 2.45               |
| 5-5         |       |         |      |         |                                      |                  |                       | 2.55               |
| 5-6         |       |         |      |         |                                      |                  |                       | 2.64               |

REVISION

3



**NAS1793**

SHEET 2

Document Sharing Hub