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F

AS21914™

FEDERAL SUPPLY CLASS  
4730

## RATIONALE

REVISED TO CLARIFY THE ACCEPTABILITY OF "D" SHAPE WIRE DESIGN. ADDED CADMIUM WARNING NOTE.

## NOTICE

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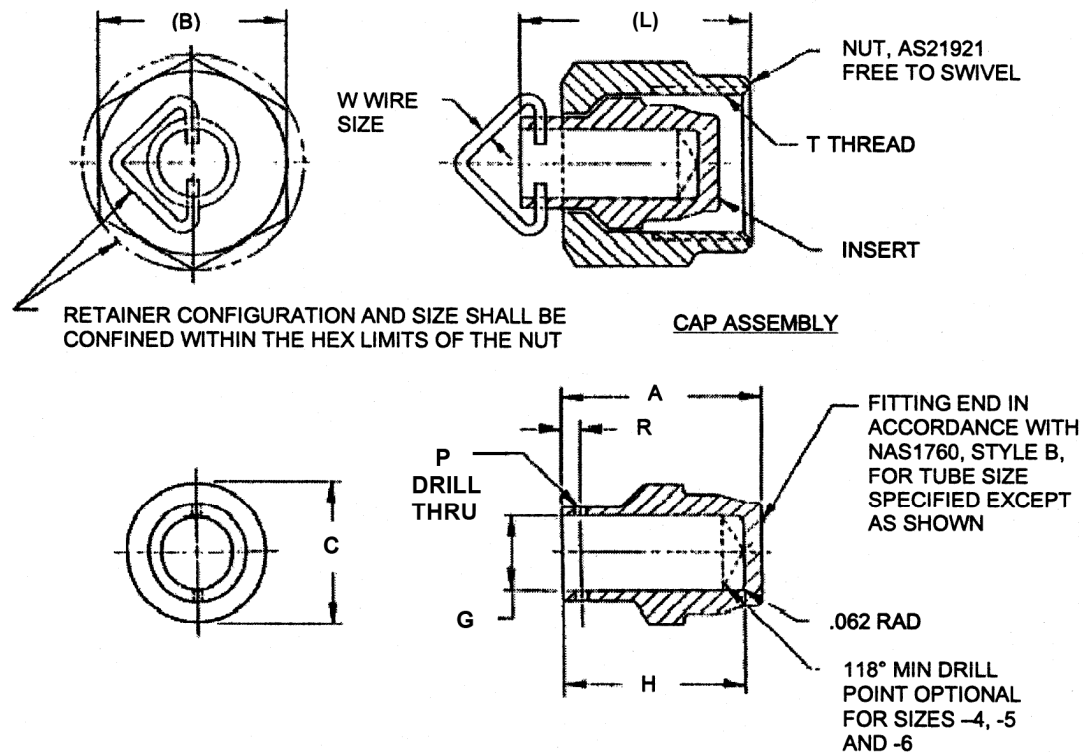
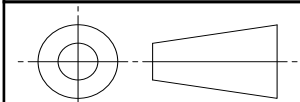


FIGURE 1 - CAP, PRESSURE SEAL, FLARELESS TUBE FITTING /14/

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS21914F/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /11/



## AEROSPACE STANDARD

CAP,  
PRESSURE SEAL,  
FLARELESS TUBE FITTING

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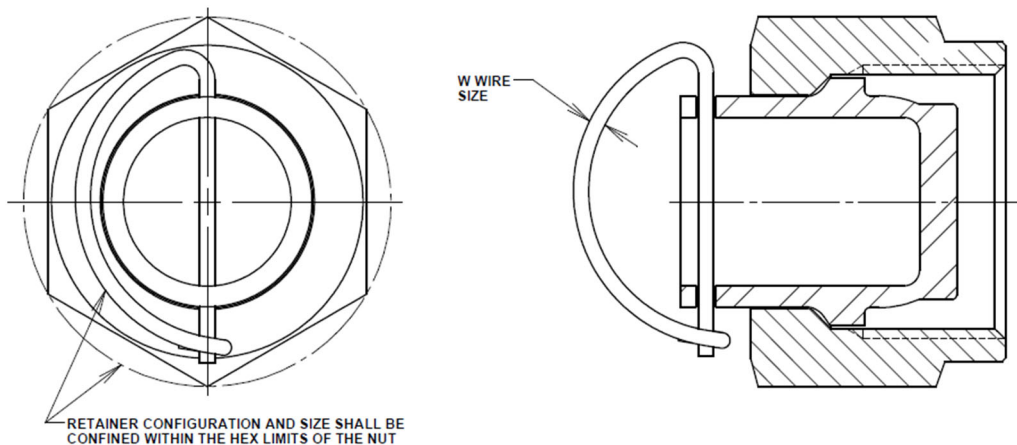


**FIGURE 2 - ALTERNATIVE WIRE DESIGN FOR CAP ASSEMBLY /14/**

**TABLE 1A - DIMENSIONS A-C**

| DASH<br>NO.<br>/6/ | NOMINAL<br>TUBE<br>SIZE<br>REF | (T) THREAD<br>AS8879 | A<br>±.010 | (B)   | C<br>±.005 |
|--------------------|--------------------------------|----------------------|------------|-------|------------|
| -2                 | .125                           | .3125-24 UNJF-3B     | .600       | .375  | .256       |
| -3                 | .188                           | .3750-24 UNJF-3B     | .672       | .438  | .318       |
| -4                 | .250                           | .4375-20 UNJF-3B     | .745       | .562  | .371       |
| -5                 | .313                           | .5000-20 UNJF-3B     | .845       | .625  | .434       |
| -6                 | .375                           | .5625-18 UNJF-3B     | .885       | .688  | .490       |
| -8                 | .500                           | .7500-16 UNJF-3B     | .935       | .875  | .670       |
| -10                | .625                           | .8750-14 UNJF-3B     | 1.062      | 1.000 | .786       |
| -12                | .750                           | 1.0625-12 UNJ-3B     | 1.082      | 1.250 | .960       |
| -16                | 1.000                          | 1.3125-12 UNJ-3B     | 1.218      | 1.500 | 1.210      |
| -20                | 1.250                          | 1.6250-12 UNJ-3B     | 1.193      | 2.000 | 1.470      |
| -24                | 1.500                          | 1.8750-12 UNJ-3B     | 1.271      | 2.250 | 1.719      |

**TABLE 1B - DIMENSIONS G-W**

| DASH<br>NO.<br>/6/ | G<br>DIA<br>±.010 | H<br>±.010 | (L)   | P    | R    | W<br>DIA<br>MIN |
|--------------------|-------------------|------------|-------|------|------|-----------------|
| -2                 | -                 | -          | .720  | .047 | .065 | .033            |
| -3                 | -                 | -          | .767  | .047 | .065 | .033            |
| -4                 | .187              | .600       | .893  | .047 | .087 | .033            |
| -5                 | .234              | .700       | .977  | .078 | .101 | .055            |
| -6                 | .297              | .740       | .965  | .078 | .101 | .055            |
| -8                 | .406              | .790       | 1.077 | .078 | .101 | .055            |
| -10                | .500              | .917       | 1.210 | .078 | .101 | .055            |
| -12                | .656              | .937       | 1.208 | .078 | .101 | .055            |
| -16                | .906              | 1.073      | 1.189 | .093 | .101 | .066            |
| -20                | 1.093             | 1.048      | 1.288 | .093 | .101 | .066            |
| -24                | 1.343             | 1.125      | 1.305 | .093 | .101 | .066            |



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