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**REV. D**

**AS1713™**

FEDERAL SUPPLY CLASS  
4730

**RATIONALE**

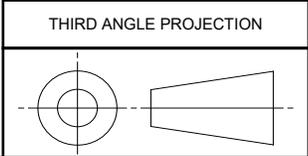
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|                     |   |                                       |                |
|---------------------|---|---------------------------------------|----------------|
| CUSTODIAN: G-3/G-3A |   | PROCUREMENT SPECIFICATION: AS1710 /2/ |                |
|                     | <b>AEROSPACE STANDARD</b>   |                                       | <b>AS1713™</b> |
|                     | HALF COUPLING SUBASSEMBLY, FLEXIBLE,<br>VARIABLE CAVITY, THREADED<br>FERRULE TYPE TUBE ENDS |                                       |                |

ISSUED 1982-05 REVISED 2006-08 REAFFIRMED 2013-01 STABILIZED 2024-06

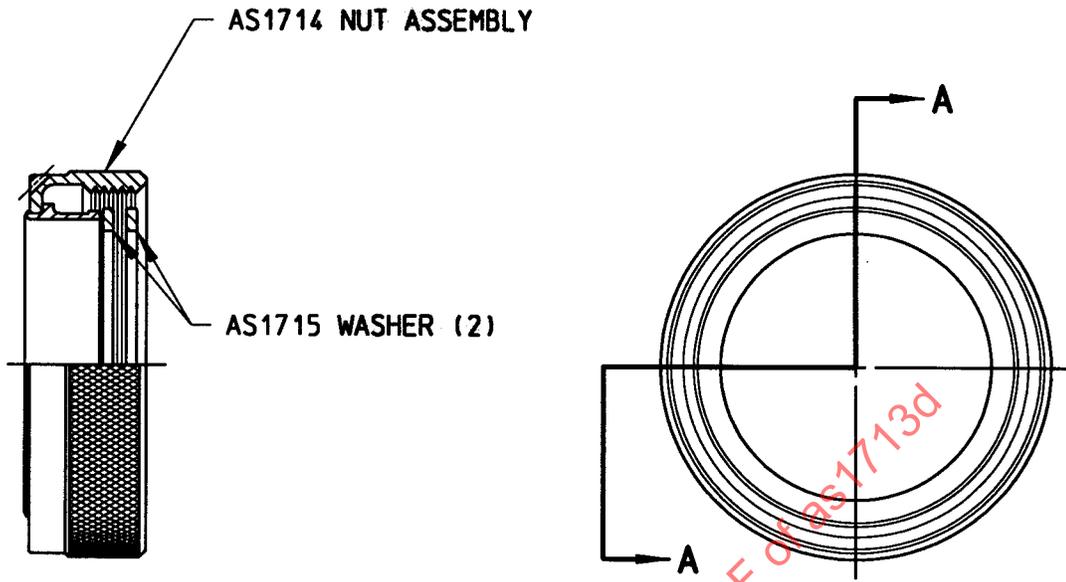


FIGURE 1 - HALF COUPLING SUBASSEMBLY, FLEXIBLE

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|   |   |                                |                         |
|---|---|--------------------------------|-------------------------|
|  | <b>AEROSPACE STANDARD</b>   | <b>AS1713™</b><br>SHEET 1 OF 3 | <b>REV.</b><br><b>D</b> |
|   | HALF COUPLING SUBASSEMBLY, FLEXIBLE,<br>VARIABLE CAVITY, THREADED<br>FERRULE TYPE TUBE ENDS |                                |                         |

TABLE 1 - HALF COUPLING SUBASSEMBLY WEIGHTS

| AS1713<br>DASH NO. | TUBE<br>SIZE<br>(REF) | O-RING<br>DASH NO.<br>(REF)<br>/1/ | SUBASSEMBLY<br>WEIGHT-ALUM<br>LB/EA<br>APPROX. REF. | SUBASSEMBLY<br>WEIGHT-CRES<br>LB/EA<br>APPROX. REF. |
|--------------------|-----------------------|------------------------------------|---|---|
| -08                | .500                  | 114                                | .026  | .074  |
| -10                | .625                  | 116                                | .030  | .085  |
| -12                | .750                  | 212                                | .037  | .105  |
| -16                | 1.000                 | 216                                | .044  | .126  |
| -20                | 1.250                 | 220                                | .052  | .146  |
| -24                | 1.500                 | 326                                | .065  | .183  |
| -28                | 1.750                 | 328                                | .073  | .205  |
| -32                | 2.000                 | 330                                | .095  | .268  |
| -36                | 2.250                 | 332                                | .103  | .291  |
| -40                | 2.500                 | 334                                | .106  | .299  |
| -44                | 2.750                 | 336                                | .116  | .327  |
| -48                | 3.000                 | 338                                | .123  | .348  |
| -56                | 3.500                 | 342                                | .140  | .397  |
| -64                | 4.000                 | 346                                | .157  | .445  |
| -72                | 4.500                 | 426                                | .198  | .561  |
| -80                | 5.000                 | 430                                | .231  | .654  |
| -88                | 5.500                 | 434                                | .251  | .709  |

NOTES:

- /1/ THE DASH NUMBERS LISTED IN THE TABULATION ARE STANDARD O-RING SIZES AS DEFINED BY AS568 AND ARE NOT A PART OF THIS ASSEMBLY.
- /2/ HALF COUPLING SUBASSEMBLIES SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED AND ASSEMBLED BY AN ACCREDITED MANUFACTURER OR ASSEMBLED BY AN ACCREDITED DISTRIBUTOR LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST FOR PRI-QPL-AS1710 FOR THIS STANDARD. THE QPL IS AVAILABLE AT [www.eauditnet.com](http://www.eauditnet.com).
3. RATED OPERATING CHARACTERISTICS: SEE AS1710.
4. MATERIALS AND FINISH: SEE INDIVIDUAL STANDARDS.
5. MARKING: EACH HALF COUPLING SUBASSEMBLY SHALL BE MARKED PER AS478-30, .062 in OR LARGER CHARACTERS, WITH MANUFACTURER'S NAME, TRADEMARK OR CAGE CODE, "AS" NUMBER, AND DATE OF MANUFACTURE IN QUARTERS (1Q91 – FIRST QUARTER OF 1991). SIZES -08, -10, AND -12 MAY BE MARKED PER AS478-35D WITH THIS INFORMATION.