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REV.
C

SAE AS1713

RATIONALE

FEDERAL SUPPLY CLASS
4730

AS1713C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

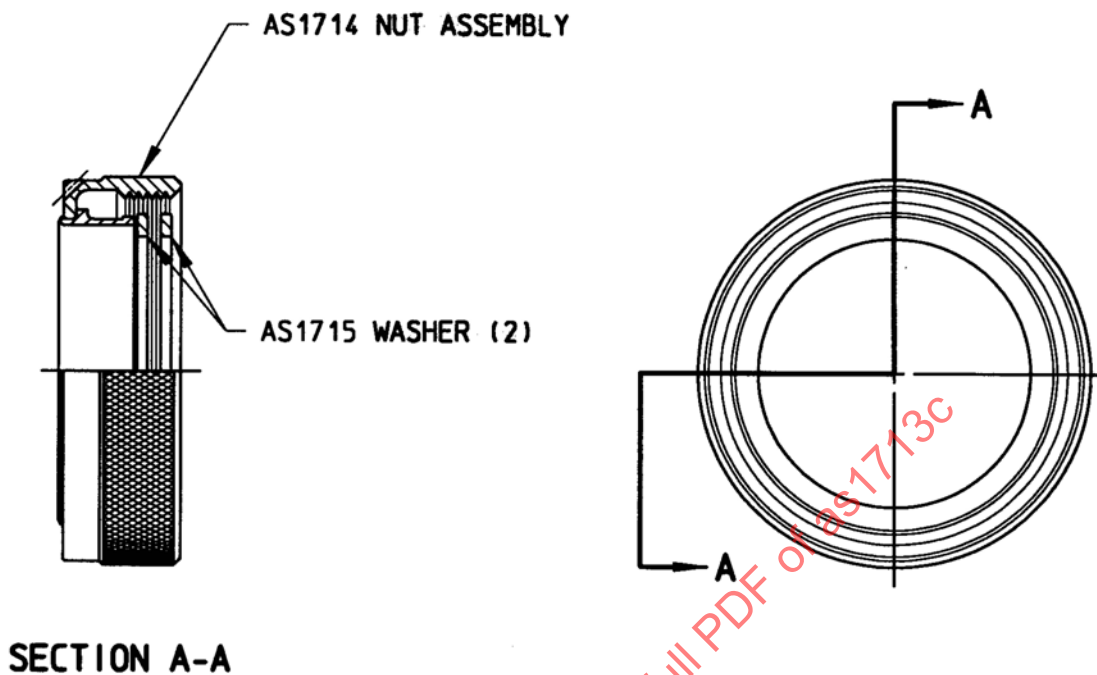
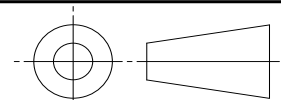


FIGURE 1 - HALF COUPLING SUBASSEMBLY, FLEXIBLE

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<http://www.sae.org/technical/standards/AS1713C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /2/ AS1710

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

HALF COUPLING SUBASSEMBLY, FLEXIBLE,
VARIABLE CAVITY, THREADED
FERRULE TYPE TUBE ENDS

SAE AS1713
SHEET 1 OF 3

REV.
C


ISSUED 1982-05 REVISED 2006-08 REAFFIRMED 2013-01

TABLE 1 - HALF COUPLING SUBASSEMBLY WEIGHTS

AS1713 DASH NO.	TUBE SIZE (REF)	O-RING DASH NO. (REF) /1/	SUBASSEMBLY WEIGHT-ALUM LB/EA APPROX. REF.	SUBASSEMBLY WEIGHT-CRES LB/EA 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.
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.

 An SAE International Group	AEROSPACE STANDARD	SAE AS1713 SHEET 2 OF 3	REV. C
	HALF COUPLING SUBASSEMBLY, FLEXIBLE, VARIABLE CAVITY, THREADED FERRULE TYPE TUBE ENDS		