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REV. F

AS1715™

FEDERAL SUPPLY CLASS
4730

RATIONALE

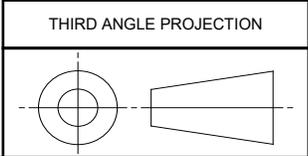
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CUSTODIAN: G-3/G-3A		PROCUREMENT SPECIFICATION: AS1710 /4/	
	AEROSPACE STANDARD		AS1715™
	WASHER, COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED, FERRULE TYPE TUBE ENDS		

ISSUED 1982-05 REVISED 2008-08 REAFFIRMED 2014-11 STABILIZED 2024-07

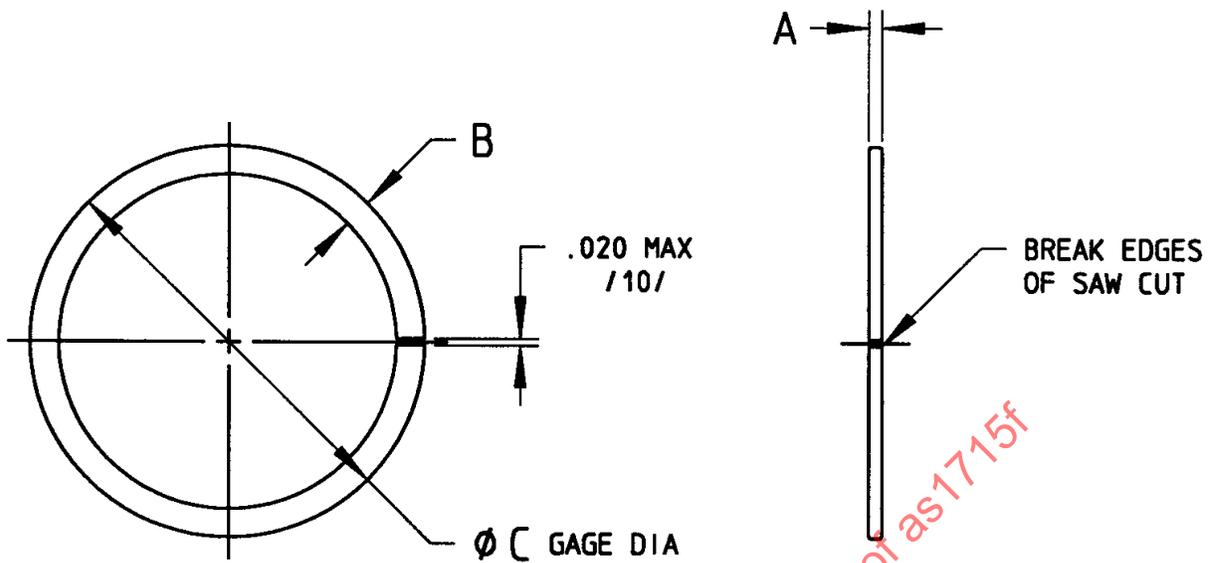


FIGURE 1 - WASHER

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	AEROSPACE STANDARD	AS1715™ SHEET 1 OF 3	REV. F
	WASHER, COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED, FERRULE TYPE TUBE ENDS		

TABLE 1 - COUPLING WASHER DIMENSIONS AND WEIGHTS

BASIC NO. AS1715 SIZE CODE	(TUBE SIZE)	A +.000/- .008	B ±.004	C-GAGE +.0000/- .0002	MATERIAL	WEIGHT LB/EA APPROX. REF.
-08	.500	.054	.082	.7990	ALUMINUM	.001
-10	.625	.054	.082	.9240	ALUMINUM	.002
-12	.750	.054	.115	1.1340	ALUMINUM	.003
-16	1.000	.054	.119	1.3940	ALUMINUM	.003
-20	1.250	.054	.119	1.6440	ALUMINUM	.003
-24	1.500	.054	.176	2.0130	ALUMINUM	.005
-28	1.750	.054	.176	2.2630	ALUMINUM	.006
-32	2.000	.054	.180	2.5230	ALUMINUM	.007
-36	2.250	.054	.180	2.7730	ALUMINUM	.007
-40	2.500	.054	.180	3.0230	ALUMINUM	.008
-44	2.750	.054	.180	3.2730	CRES	.025
-48	3.000	.054	.171	3.5060	CRES	.025
-56	3.500	.054	.171	4.0060	CRES	.029
-64	4.000	.054	.171	4.5150	CRES	.033
-72	4.500	.054	.227	5.1320	CRES	.049
-80	5.000	.067	.224	5.6260	CRES	.068
-88	5.500	.067	.224	6.1260	CRES	.074

NOTES:

1. MATERIAL

- a. ALUMINUM ALLOY 2024-T4 PER AMS-QQ-A-225/6, AMS-QQ-A-200/3, OR 2024-T3, T351 OR T3511 PER AMS-QQ-A-250/4 OR AMS-QQ-A-225/6
- b. CORROSION RESISTANT STEEL 17-7PH PER AMS5528 OR AMS5529

2. HEAT TREATMENT:

- a. ALUMINUM: NONE
- b. CRES: HEAT TREAT AMS5528 TO TH950 CONDITION PER AMS2759/3
HEAT TREAT AMS5529 TO CH900 CONDITION PER AMS2759/3

3. FINISH:

- a. ALUMINUM: ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, COLOR OPTIONAL
- b. CRES: PASSIVATE PER AMS2700, TYPE 2 OR TYPE 8

/4/ PROCUREMENT SPECIFICATION: AS1710 EXCEPT AS SPECIFIED ON THIS STANDARD. PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST (QPL) PRI-QPL-AS1710 FOR THIS STANDARD. SEE www.eauditnet.com FOR CURRENT QPL ON-LINE.

5. IDENTIFICATION: WASHERS SHALL BE MARKED PER AS478-35D WITH THE MANUFACTURER'S NAME, TRADEMARK, OR CAGE CODE, COMPLETE "AS" PART NUMBER, AND DATE OF MANUFACTURE IN QUARTERS (3Q95 = THIRD QUARTERS 1995). WHEN SHIPPED SEPARATELY.
6. LUBRICATION: WASHERS SHALL BE COATED WITH SOLID FILM LUBRICANT TO A THICKNESS OF .0003 TO .0005 PER AS5272 TYPE I.

	AEROSPACE STANDARD	AS1715™ SHEET 2 OF 3	REV. F
	WASHER, COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED, FERRULE TYPE TUBE ENDS		