

REV.  
B

AS1738

RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

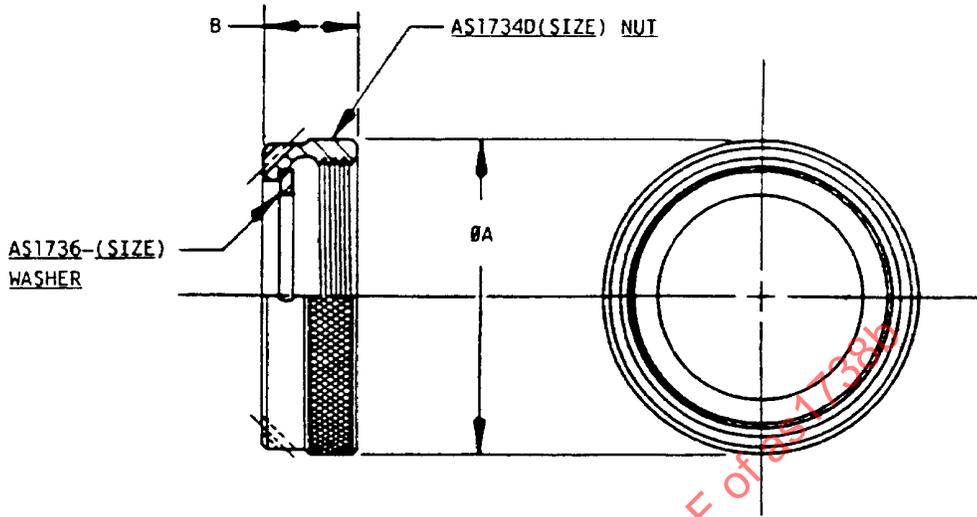


FIGURE 1 - TYPE I COUPLING NUT ASSEMBLY

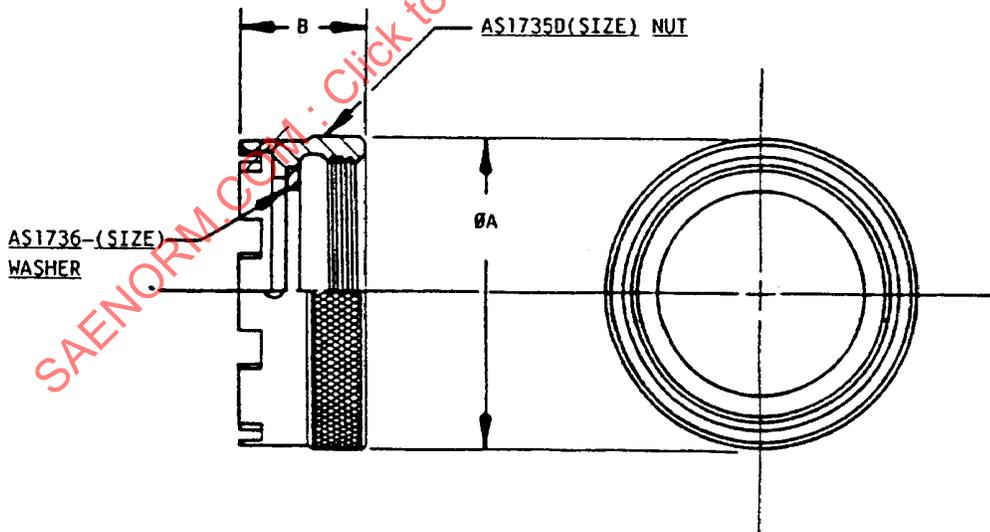
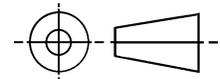


FIGURE 2 - TYPE II COUPLING NUT ASSEMBLY.

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1730

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

NUT ASSEMBLY COUPLING, RIGID, FIXED CAVITY,  
THREADED FERRULE TYPE TUBE ENDS

**AS1738**  
SHEET 1 OF 3

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ISSUED 1984-01 REVISED 1993-09 REAFFIRMED 2007-09

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TABLE 1

BASIC NO. AS1738-1	(TUBE SIZE)	(A MAX)	(B MAX)	AS1734 DASH NUMBER	AS1736 DASH NUMBER
04	.250	.829	.418	04	04
05	.312	.892	.418	05	05
06	.375	.954	.418	06	06
08	.500	1.079	.418	08	08
10	.625	1.214	.434	10	10
12	.750	1.402	.434	12	12
16	1.000	1.652	.434	16	16
20	1.250	1.902	.494	20	20
24	1.500	2.152	.509	24	24
28	1.750	2.402	.509	28	28
32	2.000	2.662	.509	32	32
36	2.250	2.912	.570	36	36
40	2.500	3.162	.570	40	40
44	2.750	3.412	.570	44	44
48	3.000	3.793	.570	48	48
56	3.500	4.298	.570	56	56
64	4.000	4.798	.570	64	64
72	4.500	5.308	.688	72	72
80	5.000	5.807	.688	80	80

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