

REV.
B

AS1738

FEDERAL SUPPLY CLASS
4730

RATIONALE

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

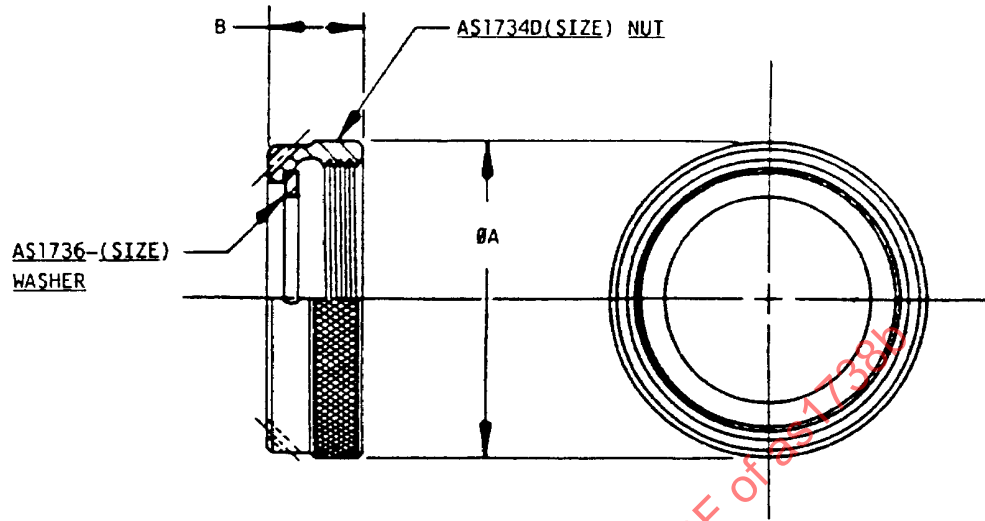


FIGURE 1 - TYPE I COUPLING NUT ASSEMBLY

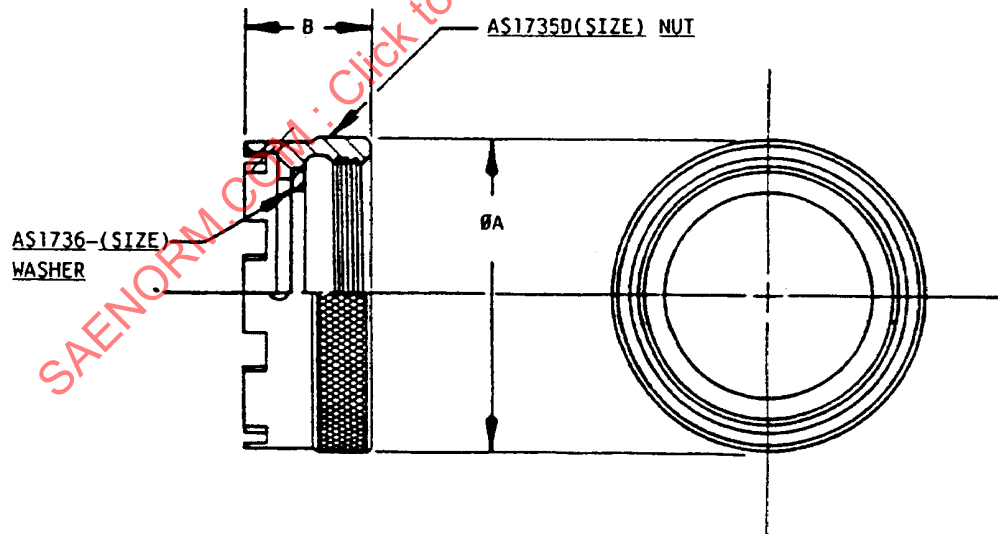
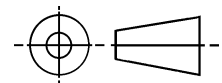


FIGURE 2 - TYPE II COUPLING NUT ASSEMBLY

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

**REV.
B**

Copyright 2007 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Fax: 724-776-0790

Tel: 724-776-4970 (outside USA)
Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

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

REV.
B

AS1738

TABLE 1

BASIC NO. AS1738-1				AS1734	AS1736
SIZE CODE	(TUBE SIZE)	(A MAX)	(B MAX)	DASH NUMBER	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