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REV. C
AS1711™

FEDERAL SUPPLY CLASS
4730

RATIONALE

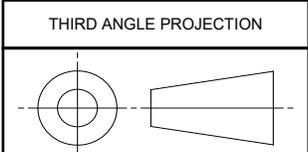
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ISSUED 1982-05 REVISED 1992-07 REAFFIRMED 2013-01 STABILIZED 2024-06

CUSTODIAN: G-3/G-3A		PROCUREMENT SPECIFICATION: AS1710	
	AEROSPACE STANDARD		AS1711™
	COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED FERRULE TYPE TUBE ENDS, ENVELOPE DIMENSIONS DESIGN STANDARD		

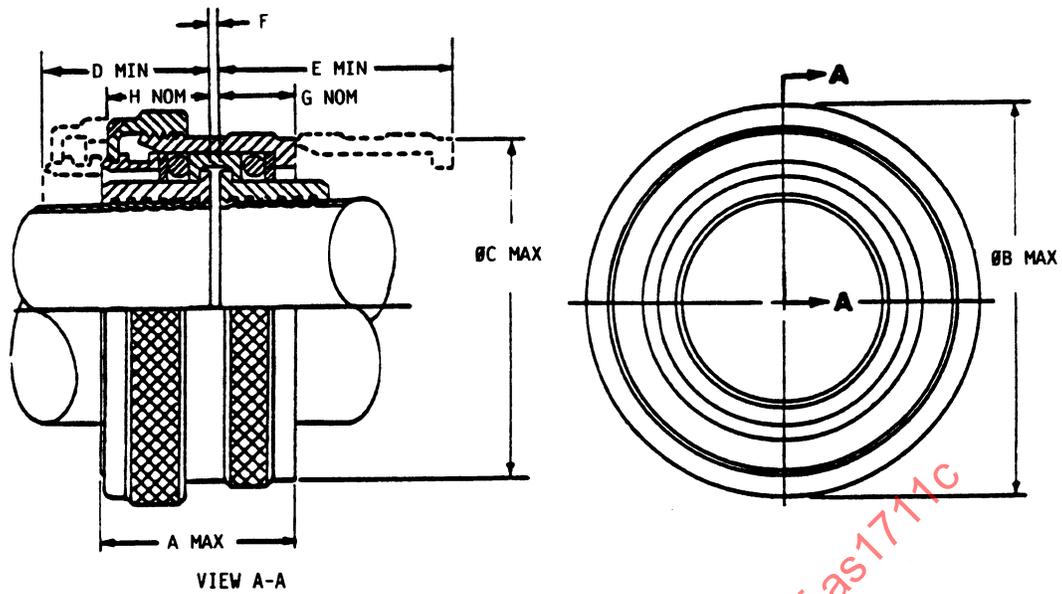


FIGURE 1 - FULL COUPLING

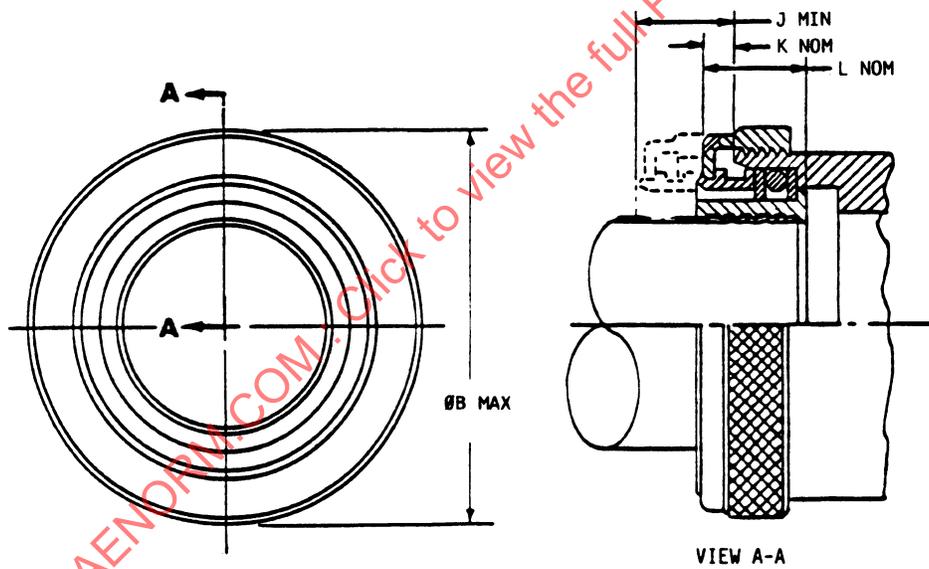


FIGURE 2 - HALF COUPLING

	<p>AEROSPACE STANDARD COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED FERRULE TYPE TUBE ENDS, ENVELOPE DIMENSIONS DESIGN STANDARD</p>	<p>AS1711™ SHEET 1 OF 4</p>	<p>REV. C</p>
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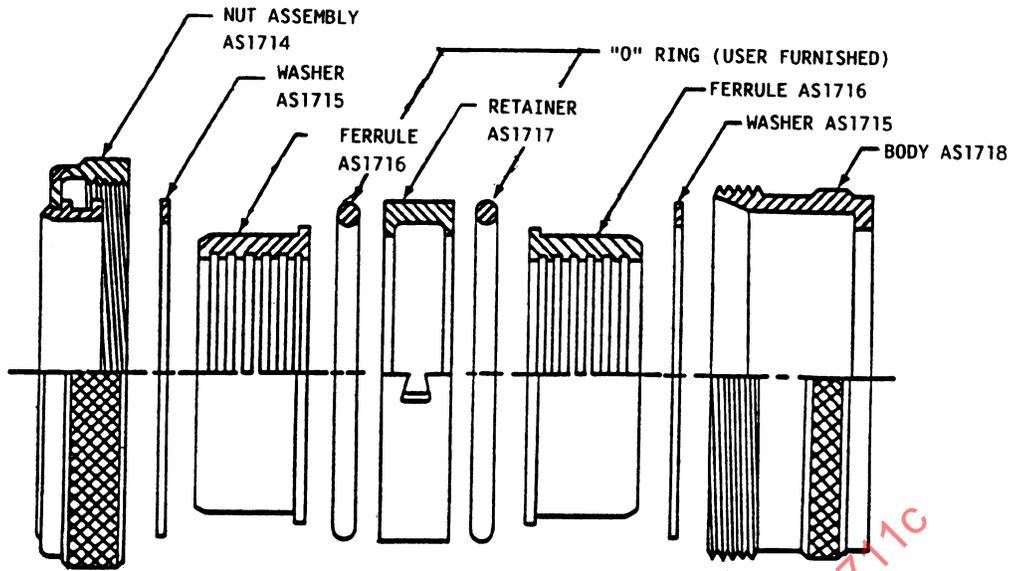


FIGURE 3 - EXPLODED VIEW FULL COUPLING /4/

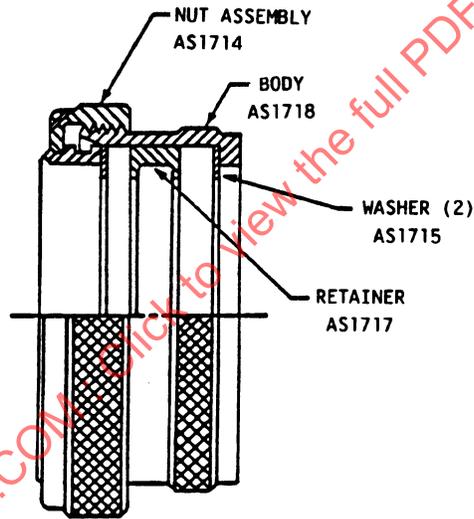


FIGURE 4 - AS1712 /5/
COUPLING SUBASSEMBLY

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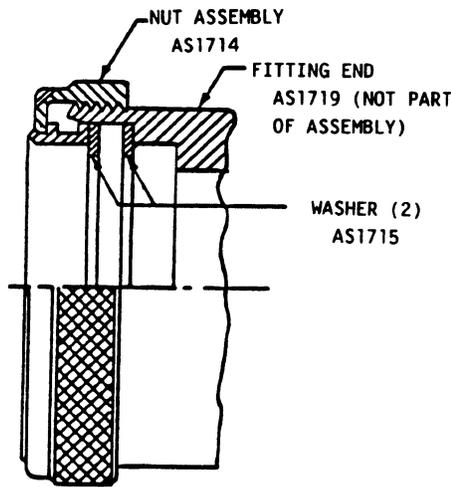


FIGURE 5 - AS1713 /6/
HALF COUPLING SUBASSEMBLY

TABLE 1 - COUPLING ENVELOPE DIMENSIONS

AS1711 DASH NO	TUBE SIZE (REF)	AS568 O-RING DASH NO /1/	A	B	C	D	E	F	G	H	J	K	L
			MAX	MAX	MAX	MIN /2/	MIN /2/	MAX /3/	NOM	NOM	MIN /2/	NOM	NOM
-08	.500	-114	1.23	1.16	.92	1.0	1.2	.285	.30	.62	.8	.32	.77
-10	.625	-116	1.23	1.29	1.05	1.0	1.2	.285	.30	.62	.8	.32	.77
-12	.750	-212	1.30	1.54	1.26	1.0	1.4	.285	.35	.64	.8	.25	.78
-16	1.000	-216	1.36	1.79	1.52	1.0	1.4	.345	.35	.64	.8	.25	.78
-20	1.250	-220	1.36	2.04	1.77	1.0	1.4	.345	.35	.64	.8	.25	.78
-24	1.500	-326	1.54	2.41	2.14	1.1	1.7	.385	.43	.71	.9	.25	.85
-28	1.750	-328	1.54	2.66	2.39	1.1	1.7	.385	.43	.71	.9	.25	.85
-32	2.000	-330	1.53	3.06	2.68	1.1	1.7	.325	.45	.74	.9	.25	.87
-36	2.250	-332	1.53	3.31	2.93	1.1	1.7	.325	.45	.74	.9	.25	.87
-40	2.500	-334	1.53	3.43	3.18	1.1	1.7	.325	.45	.74	.9	.25	.87
-44	2.750	-336	1.53	3.68	3.43	1.1	1.7	.325	.45	.74	.9	.25	.87
-48	3.000	-338	1.53	3.93	3.66	1.1	1.7	.325	.45	.74	.9	.25	.87
-56	3.500	-342	1.64	4.43	4.16	1.1	1.8	.397	.48	.74	.9	.25	.87
-64	4.000	-346	1.65	4.93	4.67	1.1	1.8	.423	.46	.74	.9	.25	.87
-72	4.500	-426	1.77	5.68	5.29	1.2	2.0	.417	.52	.81	.9	.21	.97
-80	5.000	-430	1.99	6.18	5.81	1.2	2.3	.547	.60	.83	.9	.20	.95
-88	5.500	-434	2.03	6.56	6.31	1.2	2.2	.557	.60	.86	1.0	.27	1.02



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THREADED FERRULE TYPE TUBE ENDS,
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