FEDERAL SUPPLY CLASS
4730

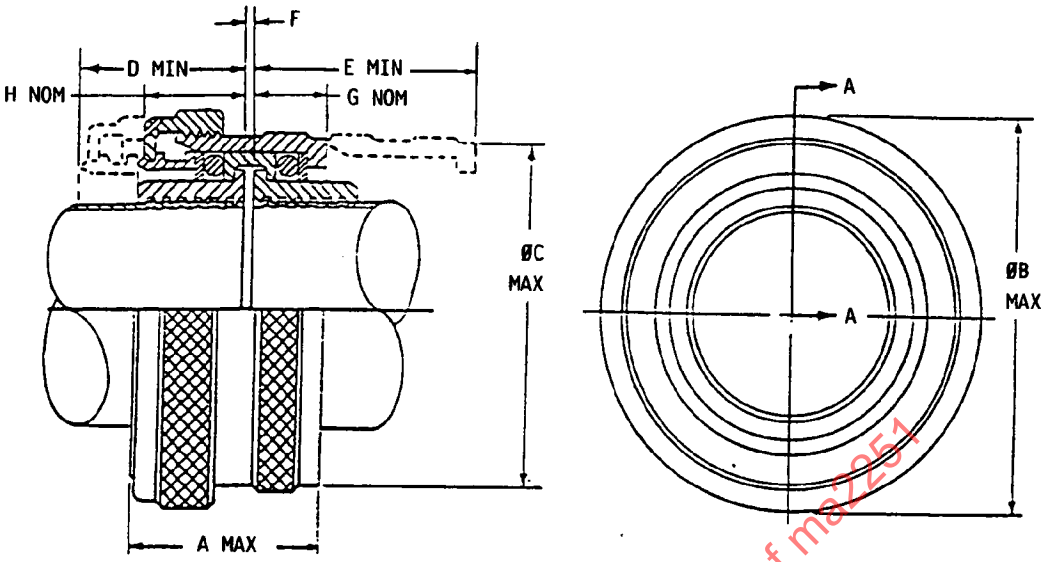

FIGURE 1 - FULL COUPLING

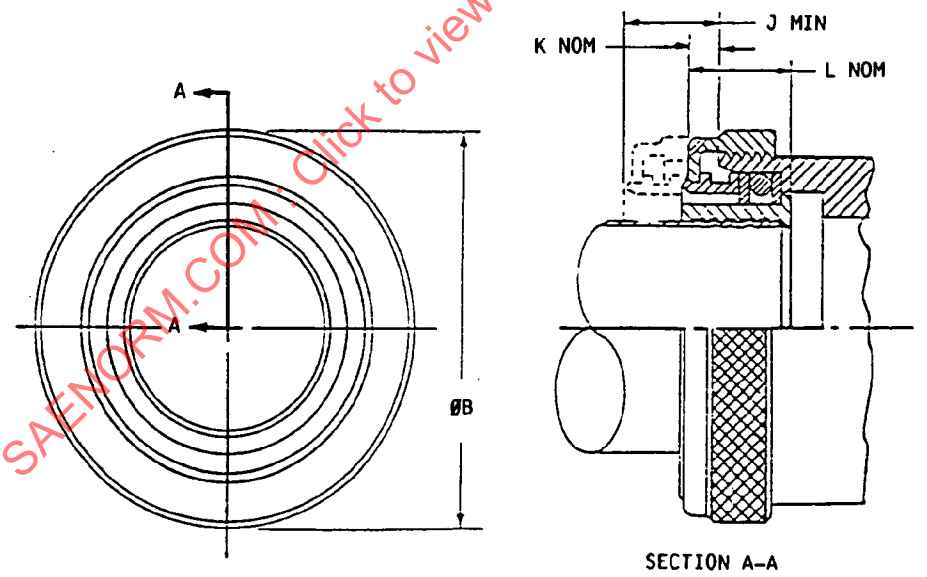

FIGURE 2 - HALF COUPLING

THIRD ANGLE PROJECTION

ISSUED 1992-03-03 REVISED

CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: MA2250 /3/

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MA2251

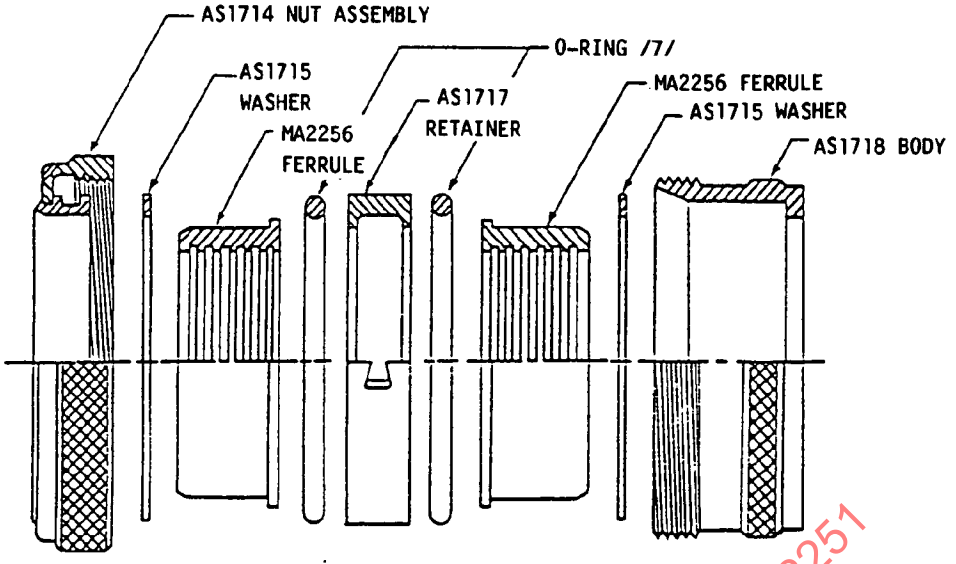

FIGURE 3 - EXPLODED VIEW FULL COUPLING /10/

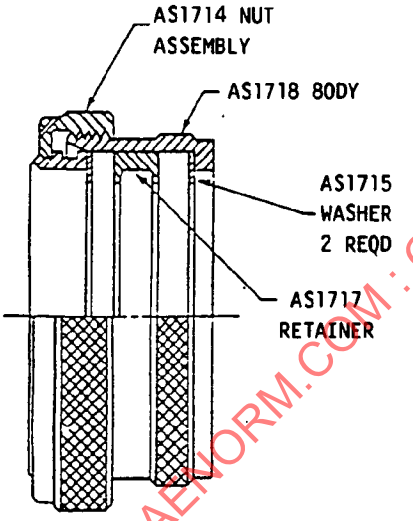

FIGURE 4 - AS1712 COUPLING SUBASSEMBLY /11/

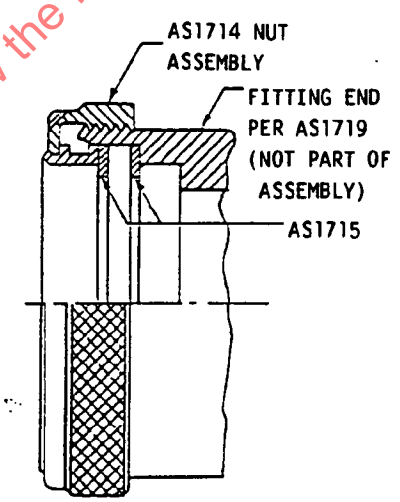

FIGURE 5 - AS1713 HALF COUPLING SUBASSEMBLY /12/

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TABLE 1 - DIMENSIONS

	DN	TUBE SIZE IN INCHES (REF)	AS568 O-RING DASH NO. /7/	A MAX	B MAX /8/	C MAX	D MIN /8/	E MIN /8/	F MIN /9/	G NOM	H NOM	J MIN /8/	K NOM	L NOM
	12	.50	-114	31.242	29.464	23.368	25.400	30.480	7.239	7.620	15.748	20.320	8.128	19.558
	16	.62	-116	31.242	32.766	26.670	25.400	30.480	7.239	7.620	15.748	20.320	8.128	19.558
	18	.75	-212	33.020	39.116	32.004	25.400	35.560	7.239	8.890	16.256	20.320	6.350	19.812
	25	1.00	-216	34.544	45.466	38.608	25.400	35.560	8.763	8.890	16.256	20.320	6.350	19.812
	32	1.25	-220	34.544	51.816	44.958	25.400	35.560	8.763	8.890	16.256	20.320	6.350	19.812
	38	1.50	-326	39.116	61.214	54.356	27.940	43.180	9.779	10.922	18.034	22.860	6.350	21.590
	45	1.75	-328	39.116	67.564	60.706	27.940	43.180	9.779	10.922	18.034	22.860	6.350	21.590
	50	2.00	-330	38.862	77.724	68.072	27.940	43.180	8.255	11.430	18.795	22.860	6.350	22.090
	56	2.25	-332	38.862	84.074	74.422	27.940	43.180	8.255	11.430	18.795	22.860	6.350	22.090
	63	2.50	-334	38.862	87.122	80.772	27.940	43.180	8.255	11.430	18.795	22.860	6.350	22.090
/5/	76	3.00	-338	38.862	99.822	92.964	27.940	43.180	8.255	11.430	18.795	22.860	6.350	22.090
/5/	88	3.50	-342	41.656	112.522	105.664	27.940	45.720	10.084	12.192	18.795	22.860	6.350	22.090
	100	4.00	-346	41.910	125.222	118.618	27.940	45.720	10.744	11.684	18.795	22.860	6.350	22.090
/5/	114	4.50	-426	44.958	144.272	134.366	30.480	50.800	10.592	13.208	20.574	22.860	5.334	24.638
/5/	124	5.00	-430	50.546	156.972	147.574	30.480	58.420	13.894	15.240	21.082	22.860	5.080	24.130
/5/	140	5.50	-434	51.562	166.624	160.274	30.480	55.880	14.148	15.240	21.844	25.400	6.858	25.908