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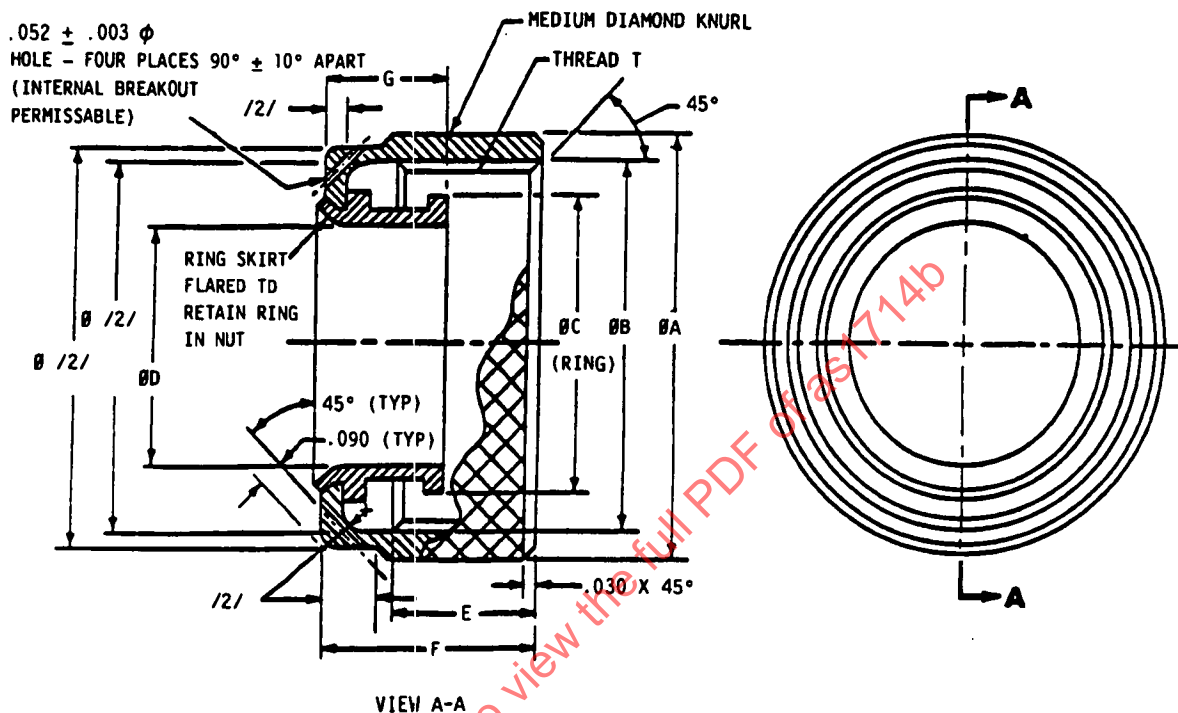


FIGURE 1

CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: /2/ AS1710

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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

NUT ASSEMBLY, COUPLING, FLEXIBLE,
VARIABLE CAVITY, THREADED,
FERRULE TYPE TUBE ENDS

AS1714

SHEET 1 OF 3

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TABLE 1 - COUPLING NUT ASSEMBLY DIMENSIONS AND WEIGHTS

AS1714 DASH NO	TUBE SIZE (REF)	THREAD T PER H2B/2	A		C		E		F		WEIGHT MAX (LB) ALUMINUM	WEIGHT MAX (LB) CRES
			MAX DIA OF KNURL	B ±.005	+.000/- .005 /1/	D MIN	COMPL THREAD DEPTH MIN			G		
08	.500	1.000-12 UNF-2B	1.157	1.045	.780	.693	.361		.638	.390	.019	.054
10	.625	1.125-12 UNF-2B	1.282	1.170	.905	.818	.361		.638	.390	.025	.068
12	.750	1.375-12 UNF-2B	1.532	1.420	1.086	.998	.334		.611	.363	.030	.083
16	1.000	1.625-12 UN-2B	1.782	1.670	1.362	1.274	.334		.611	.363	.036	.100
20	1.250	1.875-12 UN-2B	2.032	1.920	1.612	1.524	.334		.611	.363	.042	.117
24	1.500	2.250-12 UN-2B	2.407	2.295	1.882	1.794	.334		.611	.363	.051	.143
28	1.750	2.500-12 UN-2B	2.657	2.545	2.132	2.044	.334		.611	.363	.060	.168
32	2.000	2.875-12 UN-2B	3.052	2.905	2.435	2.317	.334		.611	.363	.080	.222
36	2.250	3.125-12 UN-2B	3.302	3.170	2.685	2.567	.334		.611	.363	.089	.247
40	2.500	3.250-12 UN-2B	3.427	3.295	2.935	2.817	.334		.611	.363	.085	.236
44	2.750	3.500-12 UN-2B	3.677	3.545	3.185	3.067	.334		.611	.363	.092	.257
48	3.000	3.750-12 UN-2B	3.927	3.795	3.435	3.317	.334		.611	.363	.100	.280
56	3.500	4.250-12 UN-2B	4.427	4.295	3.947	3.829	.334		.611	.363	.123	.343
64	4.000	4.750-12 UN-2B	4.928	4.796	4.456	4.338	.334		.611	.363	.137	.383
72	4.500	5.500-12 UN-2B	5.678	5.546	4.957	4.839	.306		.611	.363	.197	.552
80	5.000	6.000-12 UN-2B	6.178	6.046	5.494	5.359	.306		.611	.333	.217	.608
88	5.500	6.375-12 UNS-2B	6.553	6.421	5.995	5.859	.334		.644	.366	.212	.594