

REV.
C

AS1734

FEDERAL SUPPLY CLASS
4730

RATIONALE

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

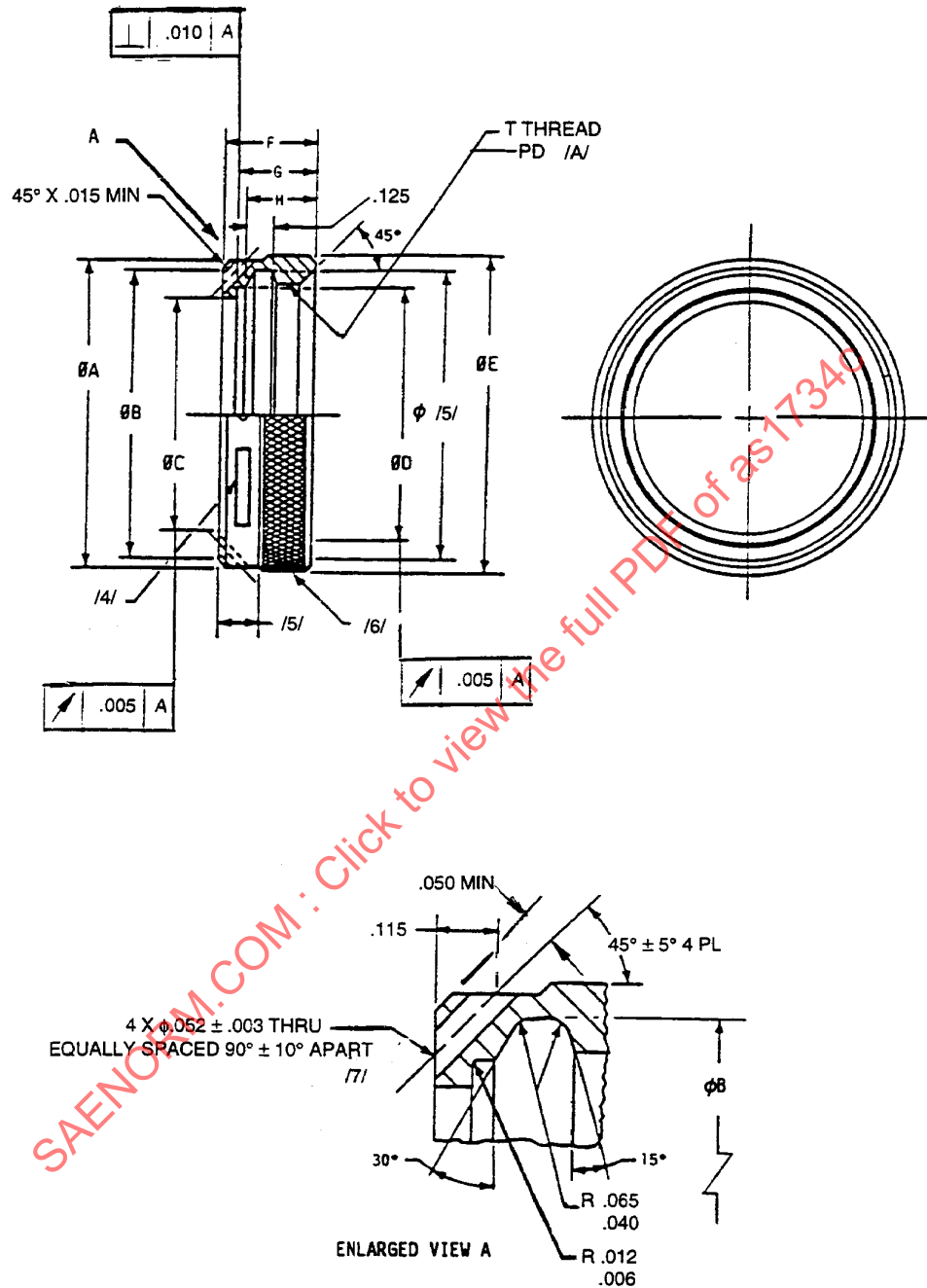
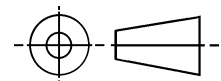


FIGURE 1 - NUT

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ /11/ AS1730

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

AS1734
SHEET 1 OF 3

**REV.
C**

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ISSUED 1984-01 REVISED 1995-09 REAFFIRMED 2007-09

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TABLE 1 - NUT DIMENSIONS AND WEIGHTS													
BASIC NO. AS1734 SIZE CODE	(TUBE SIZE)	THREAD T PER FED-STD-H28/2	A + .010/- .000	B + .010/- .000	C + .005/- .000	D DIA	D TOL	E MAX	F	G + .010/- .000	H	WEIGHT LB/EA MAX	
04	.250	.687-12 UN-2B	.787	.691	.529	.583	+ .002/- .000	.829	.408	.338	.300	.008	
05	.312	.750-12 UN-2B	.850	.753	.580	.644	+ .002/- .000	.892	.408	.338	.300	.009	
06	.375	.812-12 UN-2B	.912	.816	.635	.689	+ .002/- .000	.954	.408	.338	.300	.010	
08	.500	.937-12 UN-2B	1.037	.941	.762	.815	+ .003/- .000	1.079	.408	.338	.300	.012	
10	.625	1.062-12 UN-2B	1.172	1.066	.900	.960	+ .003/- .000	1.214	.424	.354	.315	.013	
12	.750	1.250-12 UNF-2B	1.360	1.253	1.033	1.128	+ .003/- .000	1.402	.424	.354	.315	.015	
16	1.000	1.500-12 UNF-2B	1.610	1.503	1.284	1.386	+ .003/- .000	1.652	.424	.354	.315	.019	
20	1.250	1.750-12 UN-2B	1.860	1.753	1.534	1.628	+ .003/- .000	1.902	.484	.414	.375	.026	
24	1.500	2.000-12 UN-2B	2.110	2.003	1.783	1.878	+ .003/- .000	2.152	.499	.429	.375	.028	
28	1.750	2.250-12 UN-2B	2.360	2.253	2.045	2.138	+ .003/- .000	2.402	.499	.429	.375	.035	
32	2.000	2.500-12 UN-2B	2.620	2.503	2.292	2.382	+ .003/- .000	2.662	.499	.429	.375	.041	
36	2.250	2.750-12 UN-2B	2.870	2.753	2.549	2.638	+ .003/- .000	2.912	.560	.455	.392	.052	
40	2.500	3.000-12 UN-2B	3.125	3.003	2.800	2.889	+ .003/- .000	3.162	.560	.455	.392	.057	
44	2.750	3.250-12 UN-2B	3.370	3.253	3.045	3.138	+ .003/- .000	3.412	.560	.455	.392	.060	
48	3.000	3.625-12 UN-2B	3.751	3.628	3.395	3.513	+ .004/- .000	3.793	.560	.455	.392	.080	
56	3.500	4.125-12 UN-2B	4.256	4.128	3.895	4.013	+ .004/- .000	4.298	.560	.455	.392	.090	
64	4.000	4.625-12 UN-2B	4.756	4.613	4.395	4.513	+ .004/- .000	4.798	.560	.455	.392	.133	
72	4.500	5.125-12 UN-2B	5.266	5.113	4.895	5.015	+ .005/- .000	5.308	.678	.543	.475	.186	
80	5.000	5.625-12 UN-2B	5.765	5.613	5.378	5.500	+ .005/- .000	5.807	.678	.543	.475	.211	

	AEROSPACE STANDARD	AS1734 SHEET 2 OF 3	REV. C
	NUT, COUPLING, RIGID, FIXED CAVITY, THREADED, FERRULE TYPE TUBE ENDS, TYPE I		