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REV.
E

AS1792

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS1792E HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

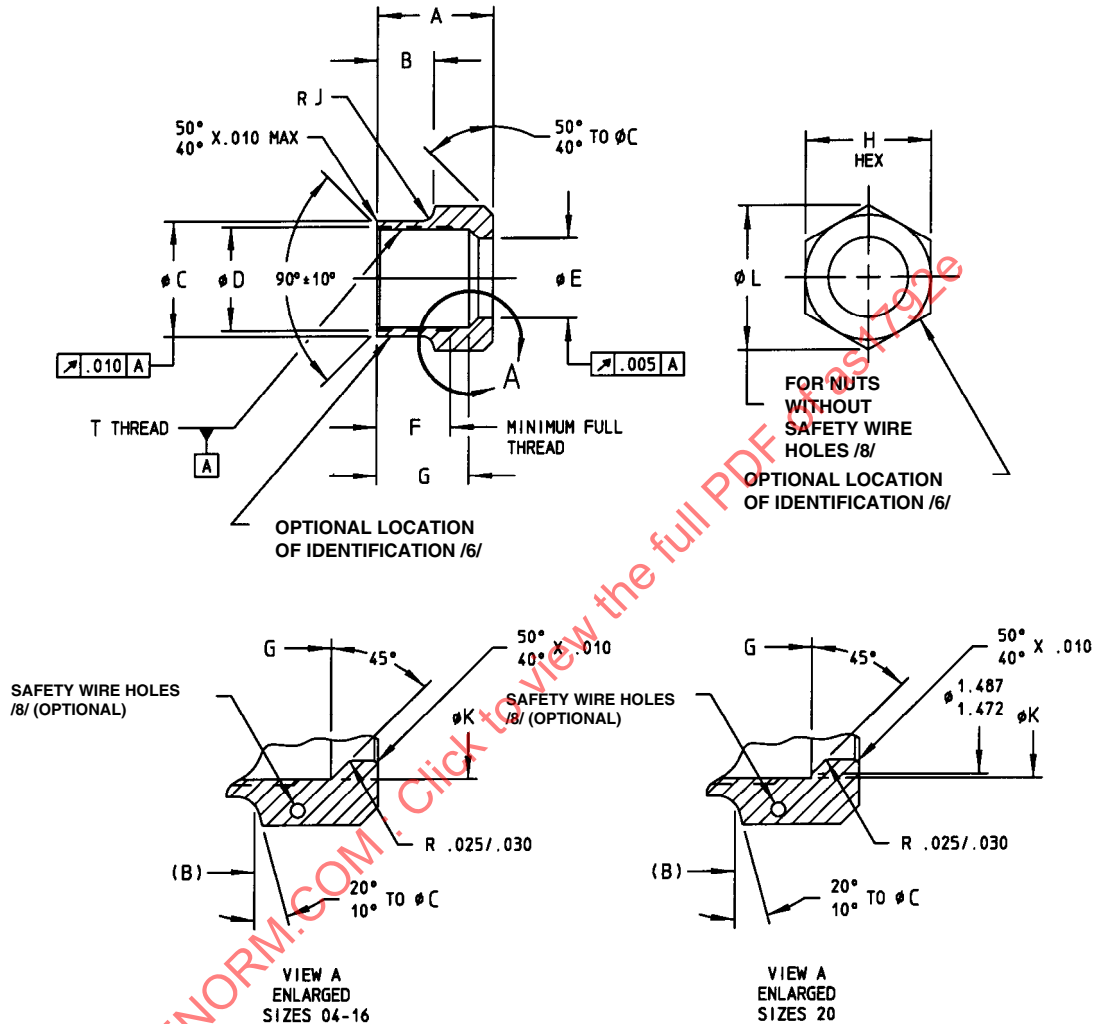
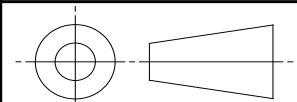


FIGURE 1 - NUT, LIGHTWEIGHT, FLARELESS

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on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS1792E>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

NUT, FITTING, LIGHTWEIGHT, FLARELESS

AS1792
SHEET 1 OF 3

REV.
E

TABLE 1A - DIMENSIONS

BASIC NO AS1792 /15/ SIZE CODE	NOM TUBE SIZE REF	T THREAD PER AS8879	A ±.010	B ±.010	C	D ±.010	E	F MIN
04	.250	.4375-20UNJF-3B	.720	.352	.524	.456	.300 - .305	.431
05	.312	.5000-20UNJF-3B	.740	.336	.587	.519	.366 - .371	.444
06	.375	.5625-1 8UNJF-3B	.760	.325	.649	.581	.425 - .430	.422
08	.500	.7500-1 6UNJF-3B	.800	.379	.842	.769	.552 - .557	.516
10	.625	.8750-14UNJF-3B	.876	.440	.968	.894	.690 - .695	.578
12	.750	1.0625-12UNJ-3B	.900	.395	1.177	1.082	.826 - .831	.562
16	1.000	1.3125-12UNJ-3B	.900	.370	1.427	1.332	1.074-1.079	.562
20	1.250	1.6250-1 2UNJ-3B	.900	.385	1.740	1.645	1.330- 1.335	.562

TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO AS1792 /15/ SIZE CODE	G ±.010	H	J MIN	K	L MIN	LB/100 NOM REF ALUM	LB/100 NOM REF CRES	LB/100 NOM REF TI
04	.547	.552 - .565	.060	.3888 - .3970	.635	.898	2.61	1.48
05	.562	.615 - .628	.060	.4513 - .4591	.706	1.08	3.13	1.78
06	.578	.678 - .691	.060	.5084 - .5166	.775	1.29	3.76	2.13
08	.609	.865 - .878	.060	.6892 - .6977	.990	1.92	5.60	3.18
10	.687	.990 - 1.003	.070	.8055 - .8152	1.120	2.48	7.23	4.11
12	.687	1.238 - 1.253	.085	.9814 - .9914	1.400	4.29	12.5	7.09
16	.687	1.488 - 1.505	.115	1.2314 - 1.2414	1.650	5.51	16.0	9.10
20	.687	1.800 - 1.817	.125	1.5439 - 1.5539	1.993	7.08	20.6	11.7

NOTES:

/1/ MATERIAL:

- CODE LETTER T - TYPE 6AL-4V, CONDITION A, TITANIUM ALLOY PER AMS4928 OR AMS4967 (AMS-T-9047).
- CODE LETTER V - TYPE 15-5PH, CONDITION H1075 STA, CORROSION RESISTANT STEEL PER AMS5659 (FORMERLY CODE LETTER C /8/).
- CODE LETTER W - TYPE 7075-T73 OR T7351, ALUMINUM ALLOY PER AMS-QQ-A-225/9 OR AMS4124.

2. HEAT TREATMENT:

- MATERIAL CODE LETTER T - NONE.
- MATERIAL CODE LETTER V - AGE TO CONDITION H1075 PER AMS-H-6875 OR AMS2759/3.
- MATERIAL CODE LETTER W - IF THE RAW MATERIAL IS PROCURED IN THE SOLUTION TREATED CONDITION, AGE TO FINAL TEMPER AMS2770.

	AEROSPACE STANDARD		AS1792 SHEET 2 OF 3	REV. E
	NUT, FITTING, LIGHTWEIGHT, FLARELESS			