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REV.
D

AS4340™

FEDERAL SUPPLY CLASS
4730

RATIONALE

GRAPHICS REDRAWN. OPTION FOR SAFETY WIRE HOLES ADDED. "NOT RECOMMENDED IN PART" NOTE ADDED TO SHEET 1. TABLE 1B ADDED TO REFLECT WEIGHTS FOR TITANIUM FITTINGS. CANCELLED AMS4112 WITH NO REPLACEMENT REMOVED FROM 2024-T6 MATERIAL OPTION. OPTIONAL AMS MATERIAL SPEC ADDED TO MATERIAL CODE LETTER D. TITANIUM ADDED AS AN OPTIONAL MATERIAL. OUTDATED SPECIFICATIONS UPDATED TO CURRENT NOMENCLATURE. PROCUREMENT SPECIFICATION NOTE REVISED TO REMOVE QML REQUIREMENT UNTIL APPROVAL IS RECEIVED TO LIST KSC-F-124 IN QML DATABASE. RECOMMENDED MATERIAL REPLACEMENT NOTE /18/ ADDED.

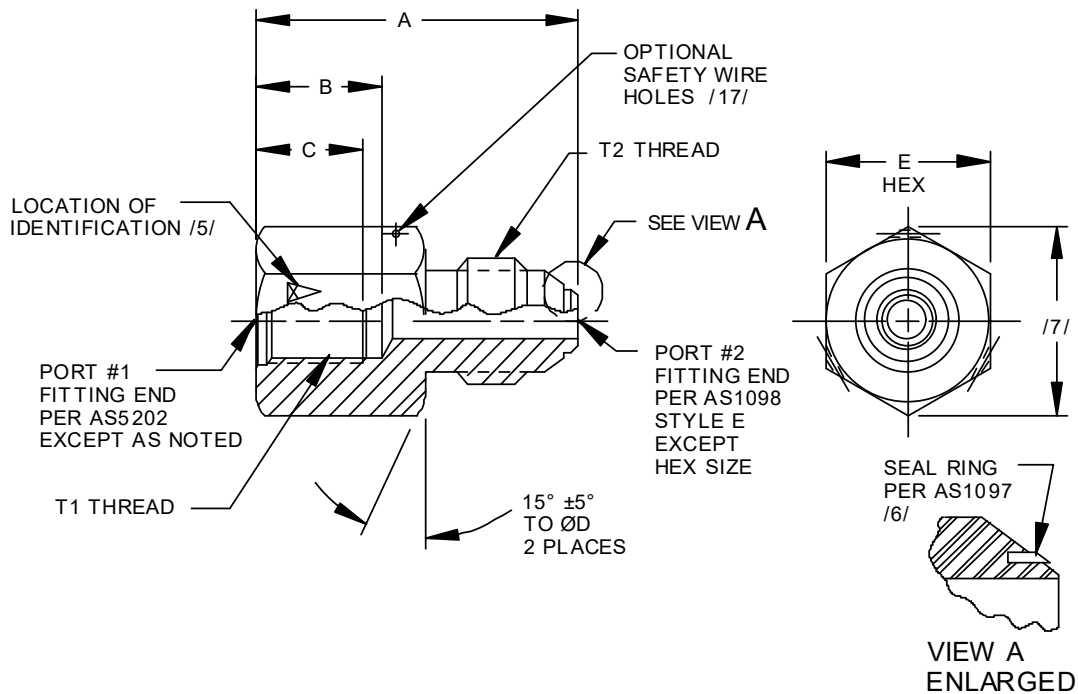
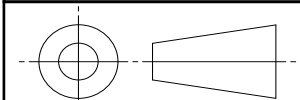


FIGURE 1 - FITTING, BUSHING, SCREW THREAD REDUCER

NOT RECOMMENDED IN PART /18/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4340D/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: KSC-F-124 /4/



AEROSPACE STANDARD

FITTING, BUSHING,
SCREW THREAD REDUCER,
FOR SEAL RING

AS4340™
SHEET 1 OF 3

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D

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TABLE 1A - DIMENSIONS A-E

BASIC NUMBER AS4340 /15/, /16/ SIZE CODE	(NOMINAL TUBE SIZE) PORT #1	T1 THREAD PER AS8879 CLASS 3B PORT #1	(NOMINAL TUBE SIZE) PORT #2	T2 THREAD PER AS8879 CLASS 3A PORT #2	A +.000 -.032	B	C	D ±.010	E
0408	.250	.4375-20UNJF	.500	.7500-16UNJF	1.016	.672	.568	.980	.990-1.003
0612	.375	.5625-18UNJF	.750	1.0625-12UNJ	1.266	.630	.470	1.353	1.363-1.380
0812	.500	.7500-16UNJF	.750	1.0625-12UNJ	1.641	.750	.562	1.353	1.363-1.380
0816	.500	.7500-16UNJF	1.000	1.3125-12UNJ	1.688	.750	.562	1.603	1.613-1.630
1216	.750	1.0625-12UNJ	1.000	1.3125-12UNJ	1.922	.940	.688	1.603	1.613-1.630

TABLE 1B - WEIGHTS

BASIC NUMBER AS4340 /15/, /16/ SIZE CODE	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES	LB/EA APPROX REF TITANIUM
0408	.0288	.0799	.044
0612	.0676	.187	.104
0812	.125	.346	.192
0816	.179	.497	.275
1216	.198	.550	.305

NOTES:

/1/ MATERIAL:

- a. CODE LETTER D: TYPE 2024-T6 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6; OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 OR AMS4339. /18/
- b. CODE LETTER J: 304 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5639.
- c. CODE LETTER K: 316 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5648.
- d. CODE LETTER R: 321 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5645.
- e. CODE LETTER S: 347 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5646. /18/
- f. CODE LETTER T: TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- g. CODE LETTER W: TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.

2. HEAT TREAT:

- a. ALL CODE LETTERS: NONE.

3. FINISH:

- a. MATERIAL CODE LETTER D: ANODIZE PER AMS2472 OR MIL-PRF-8625, TYPE II, CLASS 2, DYE BLUE, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
- b. MATERIAL CODE LETTERS J, K, R, AND S: PASSIVATE PER AMS2700, TYPE 6 OR TYPE 7.
- c. MATERIAL CODE LETTER T: ANODIZE PER AMS2488, TYPE 2, OR FLUORIDE PHOSPHATE CONVERSION COAT PER AMS2486.
- d. MATERIAL CODE LETTER W: ANODIZE PER AMS2472 OR MIL-PRF-8625, TYPE II, CLASS 2, DYE BROWN, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.



AEROSPACE STANDARD

FITTING, BUSHING,
SCREW THREAD REDUCER,
FOR SEAL RING

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SHEET 2 OF 3

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