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REV.
A

AS4349™

FEDERAL SUPPLY CLASS
4730

RATIONALE

GRAPHICS REDRAWN TO ADD OPTION FOR SAFETY WIRE HOLES. "NOT RECOMMENDED IN PART" NOTE ADDED TO SHEET 1. WEIGHTS WERE PREVIOUSLY SPECIFIED AS "MAXIMUM" WEIGHTS. TABLE 1B ADDED TO REFLECT WEIGHTS FOR TITANIUM FITTINGS REFERENCED THREAD SPEC IN TABLE CHANGED TO AS8879 CLASS 3B. OPTIONAL AMS SPECS ADDED. OPTIONAL MATERIAL CODES R, T, AND W ADDED. PROCUREMENT SPECIFICATION NOTE REVISED TO INCLUDE "USER TO CONTROL SOURCE OF SUPPLY." OUTDATED SPECIFICATIONS UPDATED TO CURRENT NOMENCLATURE. NOTE /12/ ADDED STATING THAT FEATURES NOT SPECIFIED ON THIS STANDARD TO BE AT MANUFACTURER'S OPTION. SAFETY WIRE INSTRUCTIONAL NOTE /14/, INVENTORY DISPOSITION NOTE 15, AND RECOMMENDED MATERIAL REPLACEMENT NOTE /16/ ADDED. REVISION INDICATOR NOTE 17 ADDED.

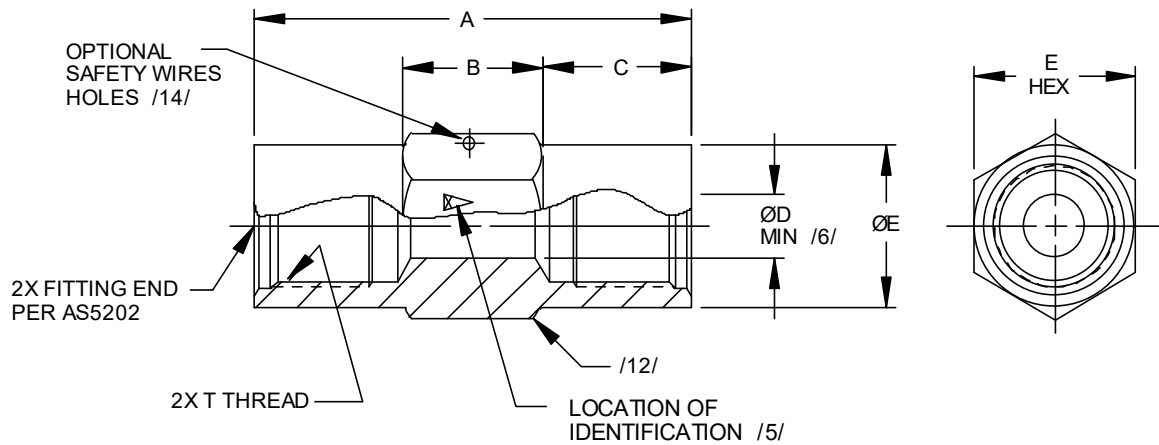
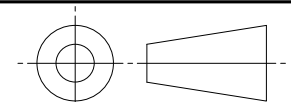


FIGURE 1 - COUPLING, TUBE

NOT RECOMMENDED IN PART /16/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4349A/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: KSC-F-124 /4/



AEROSPACE STANDARD

(R) COUPLING, TUBE

AS4349™
SHEET 1 OF 3

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TABLE 1A - DIMENSIONS A-E

BASIC NUMBER AS4349 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3B	A +.030 -.000	B REF	C ±.010	D	E
04	.250	.4375-20 UNJF	1.188	.375	.406	.168	.688
06	.375	.5625-18 UNJF	1.188	.375	.406	.293	.813
08	.500	.7500-16 UNJF	1.434	.438	.500	.387	1.000
10	.625	.8750-14 UNJF	1.563	.500	.594	.480	1.125
12	.750	1.0625-12 UNJ	1.813	.625	.594	.604	1.375
16	1.000	1.3125-12 UNJ	1.875	.688	.594	.839	1.625
20	1.250	1.6250-12 UNJ	2.000	.750	.625	1.073	2.000
24	1.500	1.8750-12 UNJ	2.250	.812	.719	1.307	2.250
28	1.750	2.2500-12 UNJ	2.500	.875	.750	1.542	2.625
32	2.000	2.5000-12 UNJ	2.750	1.000	.875	1.776	3.000

TABLE 1B - WEIGHTS

BASIC NUMBER AS4349 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES	LB/EA APPROX REF TITANIUM
04	.250	.0380	.105	.058
06	.375	.0522	.145	.080
08	.500	.0992	.275	.153
10	.625	.129	.359	.198
12	.750	.218	.605	.335
16	1.000	.300	.832	.462
20	1.250	.476	1.320	.732
24	1.500	.599	1.660	.922
28	1.750	.668	1.850	1.028
32	2.000	1.050	2.910	1.615

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. /16/
 - b. CODE LETTER J: TYPE 304 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5639.
 - c. CODE LETTER K: TYPE 316 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5648.
 - d. CODE LETTER R: TYPE 321 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5645.
 - e. CODE LETTER S: TYPE 347 CORROSION-RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5646. /16/
 - 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 PER PROCUREMENT SPECIFICATION.

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	(R) COUPLING, TUBE	SHEET 2 OF 3	Documents

