

REV.
C

AS4695

FEDERAL SUPPLY CLASS
4730

RATIONALE

ADD NOTE TO INDICATE ACTIVATION DATES FOR PRI-QPL-AS1576, REVISE CLEANING NOTE 5 TO ALIGN WITH OTHER AS1576 STANDARDS, REVISE PART NUMBER EXAMPLE.

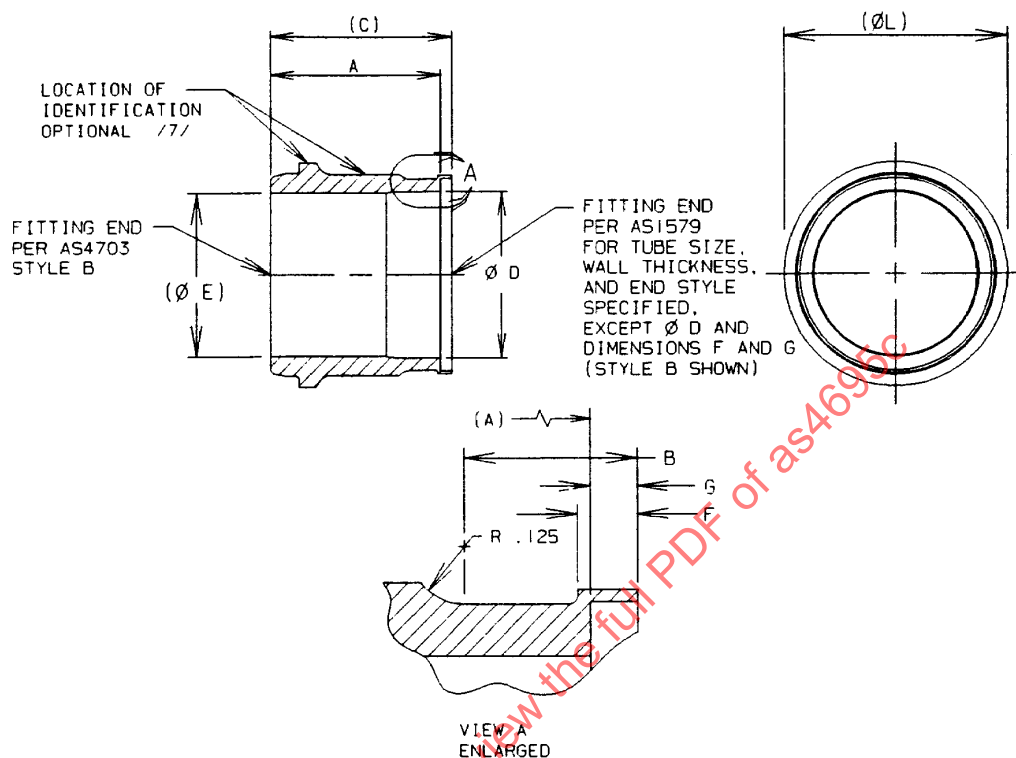


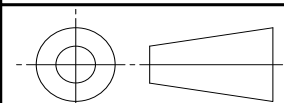
FIGURE 1 - SLEEVE, TUBE END

TABLE 1 - DIMENSIONS AND WEIGHTS

PART NO.	(NOMINAL TUBE SIZE)	(NOMINAL TUBE WALL)	WELD END STYLE /8/	A	B ±.010	C	D ±.002	E	F	G	L ±.002	LB/EA APPROX REF
AS4695T20-070	1.250	.070	B	.850	.300	.925	1.104	1.090	.135	.075	1.471	.075
AS4695V20-070	1.250	.070	B	.850	.300	.925	1.104	1.090	.095	.075	1.471	.131
AS4695T24-074	1.500	.074	B	.900	.350	.975	1.346	1.334	.135	.075	1.721	.097
AS4695Y24-040	1.500	.040	B	.900	.350	.975	1.414	1.334	.075	.055	1.721	.131

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS4695C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS1576 /4/



AEROSPACE STANDARD

(R) SLEEVE, TUBE END,
ACORN TO WELD,
SHORT FLARELESS

AS4695
SHEET 1 OF 3

REV.
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NOTES:

/1/ MATERIAL:

- a. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928
- b. CODE LETTER V - TYPE 15-5PH CORROSION RESISTANT STEEL BAR PER AMS5659
- c. CODE LETTER Y - TYPE 718 NICKEL ALLOY BAR PER AMS5662

2. HEAT TREATMENT:

- a. MATERIAL CODE LETTER T - NONE
- b. MATERIAL CODE LETTER V - HEAT TREAT TO CONDITION H1075 PER AMS2759/3
- c. MATERIAL CODE LETTER Y - AFTER MACHINING, PRECIPITATION HEAT TREAT TO MEET THE REQUIREMENTS OF AMS5663

3. FINISH: ALL MATERIAL CODES - NONE.

/4/ PROCUREMENT SPECIFICATION: AS1576 UNLESS OTHERWISE SPECIFIED ON THIS STANDARD. PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER AS LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST PRI-QPL-AS1576 FOR THIS STANDARD. SEE www.eAuditNet.com FOR CURRENT QPL ONLINE.

THIS QPL REQUIREMENT SHALL BE IN EFFECT FOR PURCHASE ORDERS PLACED ON OR AFTER **JANUARY 1, 2014**. SUPPLIERS SEEKING LISTING ON THE INITIAL QPL MUST APPLY TO PRI FOR APPROVAL NO LATER THAN **JULY 1, 2014**. UNTIL THE QPL IS IN EFFECT, USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVALS. TRANSITION TO PRI-QPL SHALL BE COMPLETED BY JULY 1, 2014.

/5/ CLEANING:

NOTE: PREVIOUS VERSIONS OF THIS PART STANDARD ASSOCIATED THE MATERIAL CODE LETTER TO SPECIFIC CLEANING METHODS. WITH REVISION "C" THE CLEANING METHOD ASSOCIATION IS RETAINED AND A SUFFIX CODE LETTER OPTION IS ADDED TO SPECIFY ALKALINE CLEANING.

- a. MATERIAL CODE LETTER T AND V AND NO SUFFIX CODE - CLEAN AND NITRIC-HYDROFLUORIC ETCH PER PROCUREMENT SPECIFICATION
- b. MATERIAL CODE LETTER T OR V AND SUFFIX CODE C - ALKALINE CLEAN PER PROCUREMENT SPECIFICATION
- c. MATERIAL CODE LETTER Y AND NO SUFFIX CODE - ALKALINE CLEAN PER PROCUREMENT SPECIFICATION OR VAPOR DEGREASE PER USER SPECIFICATION
- d. MATERIAL CODE LETTER Y AND SUFFIX CODE LETTER "C" - ALKALINE CLEAN PER PROCUREMENT SPECIFICATION

6. PACKAGING: PACKAGE IN CLEAN CONTAINER WITH IDENTIFICATION PER PROCUREMENT SPECIFICATION.

/7/ IDENTIFICATION AT LOCATION SHOWN: MARK PER AS478 CLASS C OR D OR METHOD 7A3, 15A3, 15B, MANUFACTURER'S NAME OR TRADEMARK, BASIC PART NUMBER, AND MATERIAL CODE LETTER.

/8/ THIS PART IS DESIGNED FOR USE IN SYSTEMS WITH OPERATING PRESSURES AS FOLLOWS:

- A. -20 AND -24 TITANIUM ALLOY AND CORROSION RESISTANT STEEL AND -20 NICKEL ALLOY AT 3000 PSI
- B. SIZE -24 NICKEL ALLOY AT 600 PSI

	AEROSPACE STANDARD	AS4695 SHEET 2 OF 3	REV. C
	(R) SLEEVE, TUBE END, ACORN TO WELD, SHORT FLARELESS		