



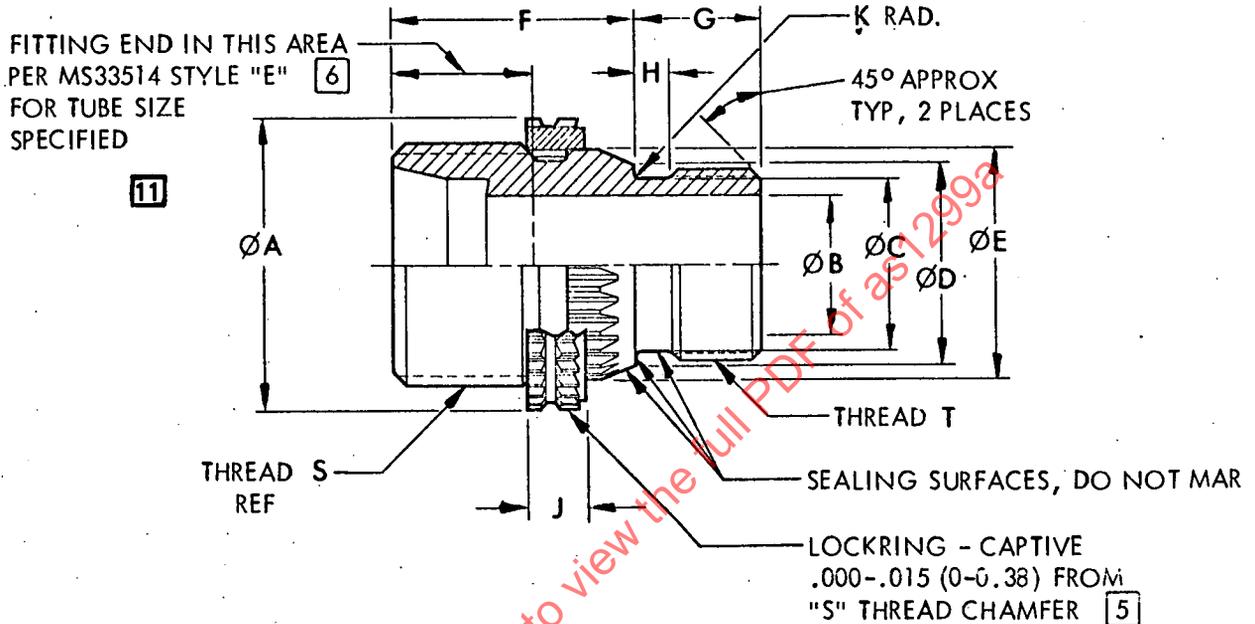
AEROSPACE STANDARD

AS 1299 A

Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15096

Issued August 1975
Revised June 1980

ADAPTER — BOSS CONNECTION RING LOCKED TO FLARELESS TUBE



1. MATERIAL: ADAPTER - 6AL-4V TITANIUM PER AMS 4967
LOCKRING - A-286 CRES PER AMS 5734, Rc 35-40
2. COATING: ADAPTER - TYPE II TIODIZE TREATMENT OR EQUIVALENT
LOCKRING - PASSIVATE PER QQ-P-35
3. MARKING: PART NUMBER AND MANUFACTURERS CODE IDENT NO.
TO BE MARKED ON PACKAGE.
4. DIMENSIONING: DIMENSIONS IN INCHES. METRIC CONVERSIONS IN MILLIMETERS
ARE IN PARENTHESES. Ø = DIAMETER
5. LOCKRING RETAINED ON ADAPTER BY CONTROLLED INTERFERENCE FIT.
6. FITTING END IS DESIGNED TO BE USED IN CONJUNCTION WITH COUPLING NUTS AND SLEEVES
MEETING INTERFACE REQUIREMENTS OF MS21921 (WITH MIL-S-8879 THREADS) AND MS21922
AFTER ADAPTER IS INSTALLED.
7. ADAPTERS TO BE INSTALLED PER AS1301 INTO BOSS CAVITIES PER AS1300.
8. EXAMPLE OF PART NUMBER: AS1299-04 DESIGNATES TITANIUM ADAPTER
AS SHOWN FOR .250 (6.350) TUBING.
9. DO NOT USE UNASSIGNED AEROSPACE STANDARD NUMBERS
10. SURFACE ROUGHNESS: MACHINED SURFACES SHALL BE 125 µ (3.2 µm),
SERRATIONS 250 µ (6.3 µm) SEALING SURFACES 63 µ (1.6 µm)
IN ACCORDANCE WITH ANSI B 46.1.
11. ØB FOR -04 IS .184-.190 ON MS33514 END AND REDUCED TO ØB PER THIS STANDARD ON
OPPOSITE END

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