

AS33515

RATIONALE

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NOTICE

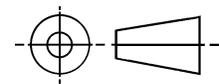
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THIRD ANGLE PROJECTION



ISSUED 1998-08 REAFFIRMED 2007-01

PREPARED BY COMMITTEE G-3

PROCUREMENT SPECIFICATION: NONE



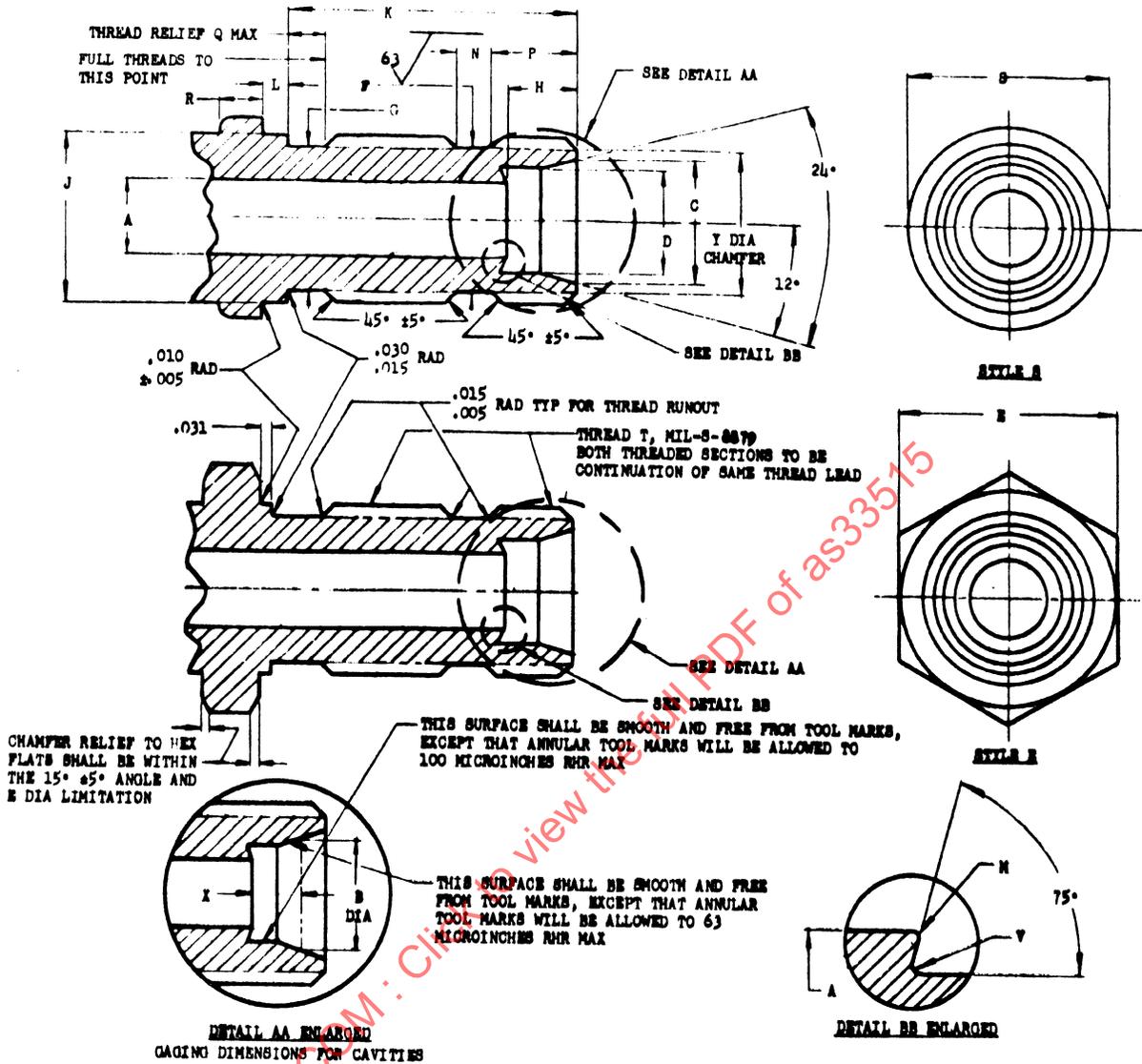
AEROSPACE STANDARD

FITTING END, STANDARD DIMENSIONS
FOR BULKHEAD
FLARELESS TUBE CONNECTIONS

AS33515
SHEET 1 OF 3

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1. CONCENTRICITY: D, C, AND T (PITCH DIA) SHALL BE CONCENTRIC TO EACH OTHER WITHIN .008 TOTAL INDICATOR READING.
F AND T (PITCH DIA) SHALL BE CONCENTRIC TO EACH OTHER WITHIN .005 TOTAL INDICATOR READING.
2. THREAD AND FACE OF HEX SHALL BE SQUARE WITHIN W WHEN MEASURED AT DIAMETER E.
3. REMOVE ALL BURRS, SLIVERS AND SHARP EDGES.
4. SURFACE TEXTURE IN ACCORDANCE WITH ANSI B46.1 - 1962.
5. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± 0.016 , ANGLES $\pm 1/2^\circ$.
6. ON STYLE S FITTING END, THE L DIMENSION PROVIDES FOR A WASHER TO FORM BACKING FACE AGAINST BULKHEAD, AND A .031 INCH LAND FOR POSITIONING IN BULKHEAD. ON STYLE E FITTING END NO WASHER IS REQUIRED.