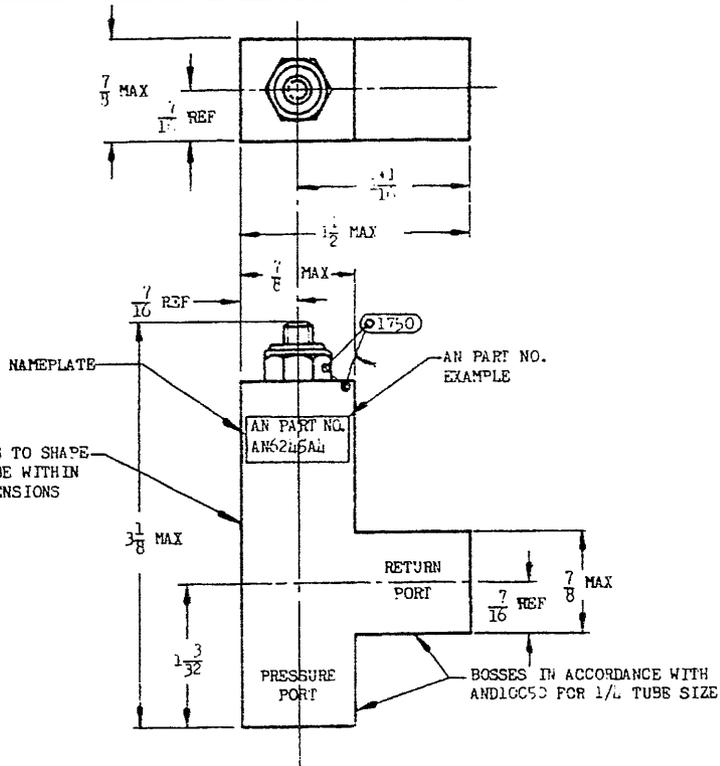


4. When Government drawings, specifications, or other data are used for any purpose other than in connection with a Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way applied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permissions to manufacture, use, or sell any patented invention that may in any way be related thereto.

NOTE: This drawing was approved by both sides of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval shown.

NOT RESTRICTED AS TO SHAPE BUT VALVE SHALL BE WITHIN MAX ENVELOPE DIMENSIONS



TUBE OD	AN PART NUMBERS		
	PRESSURE RANGE 1000 TO 2100 PSI	PRESSURE RANGE 2100 TO 4100 PSI	PRESSURE RANGE 1000 TO 4100 PSI
1/4	AN6245A4	AN6245B4	AN6245AB4

- 1. THE AB VALVE IS ACCEPTABLE AS A SUBSTITUTE FOR THE A OR B VALVES.
- FOR CONTRACTOR PROCUREMENT ONLY - CRACKING PRESSURE, IN POUNDS PER SQUARE INCH, MAY APPEAR AS A CODE NUMBER ON THE SEAL OF THE ADJUSTING NUT LOCKWIRE TO INDICATE CRACKING PRESSURE OF INDIVIDUAL VALVES. THIS CODE NUMBER SHALL NOT APPEAR ON THE NAMEPLATE OR ANY OTHER PART OF THE VALVE PROPER. NOTATIONS ON AIRPLANE CONTRACTOR'S SCHEMATIC AND INSTALLATION DRAWINGS SHALL CONSIST OF THE AN PART NUMBER FOLLOWED BY THIS CODE NUMBER IN PARENTHESES. AS AN ILLUSTRATION, AN6245A4 (1750) APPEARING ON A CONTRACTOR'S DRAWING DENOTES A VALVE HAVING A PRESSURE RANGE OF 1000 TO 2100 PSI, 1/4 TUBING OD PORT SIZE AND SET TO CRACK AT 1750 PSI.
- FOR GOVERNMENT PROCUREMENT - THE SERVICES WILL NOT PURCHASE OR STOCK AN6245 VALVES ACCORDING TO INDIVIDUAL PRESSURE SETTING. ACCORDINGLY, GOVERNMENT RECORDS SUCH AS PARTS CATALOGS, PROCUREMENT DOCUMENTS, ETC., WILL REFER TO AN6245A4 AND AN6245B4 ONLY. THE CODE NUMBER SHALL NOT APPEAR ON THE LOCKWIRE SEAL NAMEPLATE, OR ANY OTHER PART OF VALVES PROCURED DIRECTLY BY THE SERVICES.
- FOR ACCEPTABLE PRODUCTS, SEE QPL-5527.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64.
- THE AIRPLANE OR ENGINE MANUFACTURER SHALL ALLOW CLEARANCE FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS DRAWING, FOR INSTALLATIONS.

PROCUREMENT SPECIFICATION
MIL-V-5527

AIR FORCE-NAVY AERONAUTICAL STANDARD
VALVE-HYDRAULIC THERMAL EXPANSION RELIEF

AN 6245