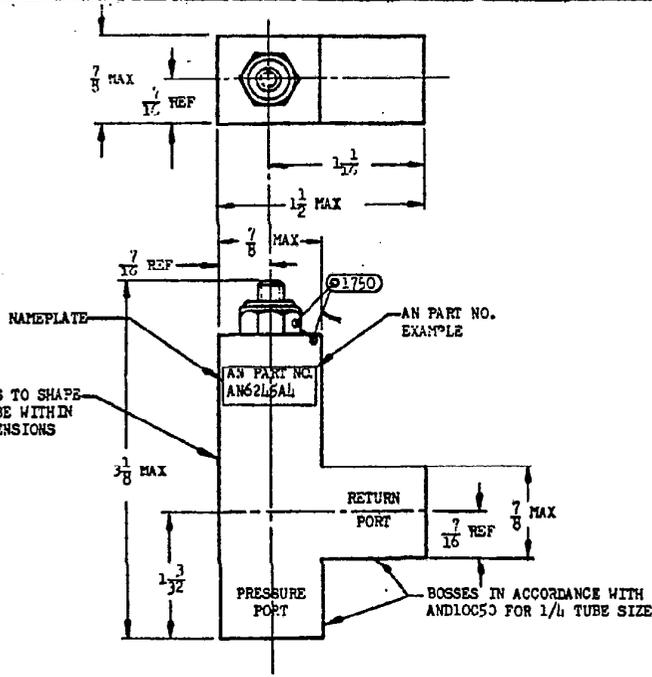


K. When Government drawings, specifications, or other data are used for any purpose other than in connection with a definite, related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data shall not be regarded by implication or otherwise as in any manner favoring the holder or any other person or corporation, or conveying any rights or privileges in manufacture, use, or sale of any patented invention that may in any way be related thereto.

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	AN62L5AL	AN62L5BL	AN62L5BL

④ 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, AN62L5AL (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 PROCURE OR STOCK AN62L5 VALVES ACCORDING TO INDIVIDUAL PRESSURE SETTING. ACCORDINGLY, GOVERNMENT RECORDS SUCH AS PARTS CATALOGS, PROCUREMENT DOCUMENTS, ETC., WILL REFER TO AN62L5AL AND AN62L5BL 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.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments on the Air Force-NAVY standard for this product. This drawing represents an approved standard drawing for the same product and shall become effective for the procurement of aeronautical equipment, or for use in new designs, and later than the date of approval shown.

PROCUREMENT SPECIFICATION

AIR FORCE-NAVY AERONAUTICAL STANDARD

MIL-V-5527

VALVE-HYDRAULIC THERMAL EXPANSION RELIEF

AN 6245

APPROVED 12 Jul 45: REVISED 11 30 Jan 46 2 9 Jun 50 3 17 Nov 50 4 13 Oct 53