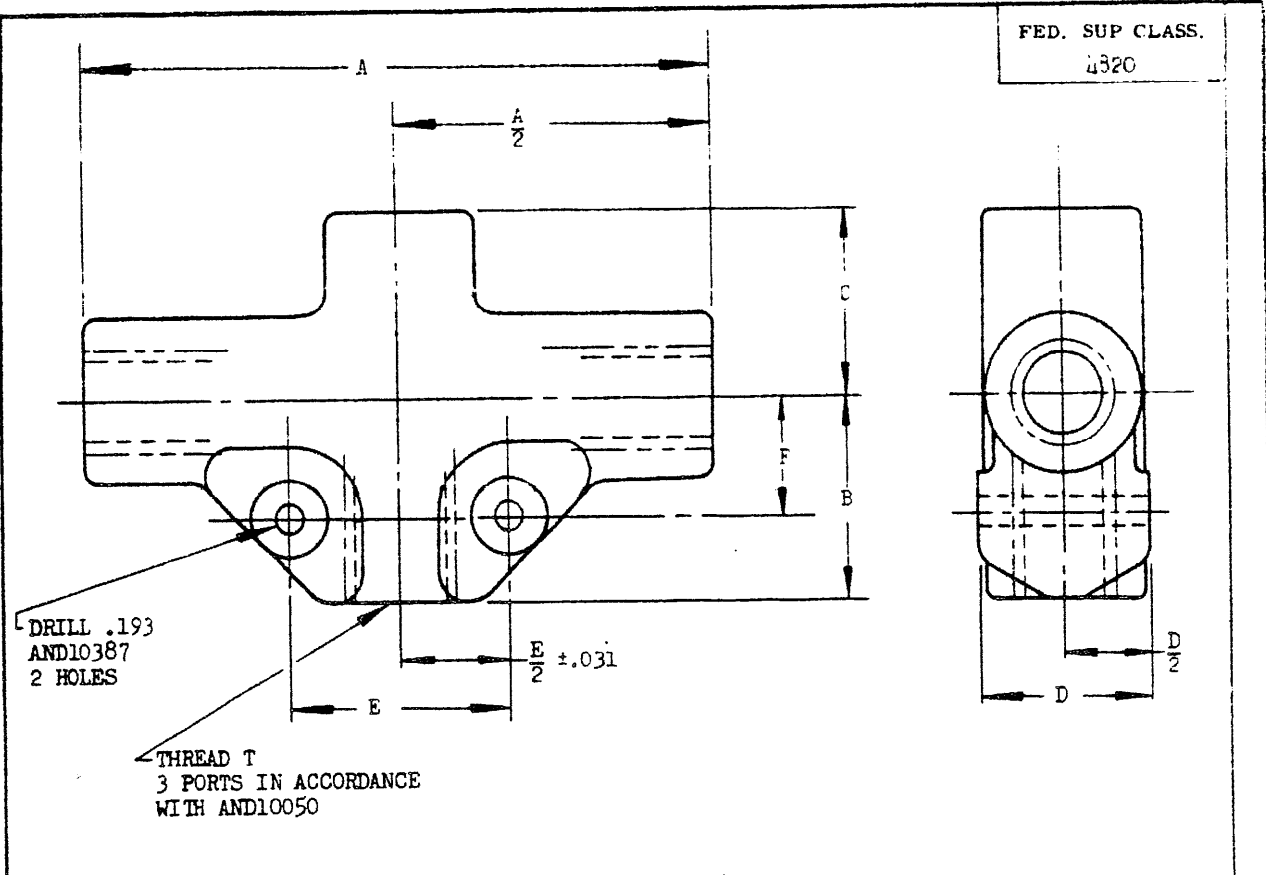


NOTES: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data 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 production to manufacture, use, or sell any patented invention that may in any way be related thereto.



FED. SUP CLASS.  
4320

| DASH NO. | FIIN | TUBE OD | THREAD T       | A ±.031 | B ±.031 | C MAX | D +.000 - .250 | E ±.005 | F ±.031 | RATED FLOW CAP GPM |
|----------|------|---------|----------------|---------|---------|-------|----------------|---------|---------|--------------------|
| 4        |      | 1/4     | 7/16-20 UNF-3B | 3.750   | 1.000   | .938  | 1.000          | .875    | .750    | 1.2                |
| 5        |      | 5/16    | 1/2-20 UNF-3B  | 3.875   |         | 1.000 | 1.250          | 1.125   |         | 3.5                |
| 6        |      | 3/8     | 9/16-18 UNF-3B | 4.188   | 1.156   | 1.062 | 1.500          | .813    | 6.0     |                    |
| 8        |      | 1/2     | 3/4-16 UNF-3B  | 4.750   | 1.312   | 1.250 | 1.750          | .938    | 10.5    |                    |
| 10       |      | 5/8     | 7/8-14 UNF-3B  |         |         |       |                |         |         |                    |

OUTLINE AS SHOWN IS MAXIMUM AND NOT RESTRICTIVE AS TO DESIGN BUT LOCATION OF PORTS AND MOUNTING HOLES AND MOUNTING SURFACES MUST BE MAINTAINED.

DIMENSIONS IN INCHES.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

THIS DOCUMENT HAS BEEN PROMULGATED BY THE DEPARTMENT OF DEFENSE AS THE MILITARY STANDARD TO LIMIT THE SELECTION OF THE ITEM, PRODUCT, OR DESIGN COVERED HEREIN IN ENGINEERING, DESIGN, AND PROCUREMENT. THIS STANDARD SHALL BECOME EFFECTIVE NOT LATER THAN 90 DAYS AFTER THE LATEST DATE OF APPROVAL SHOWN.

|  |                                  |   |                          |
|--|----------------------------------|---|--------------------------|
| CUSTODIANS<br>Navy - BuAer<br>Air Force  | OTHER INT.<br>A -<br>N -<br>AF - | <b>MILITARY STANDARD</b>  | <b>MS28767<br/>(ASG)</b> |
|  |                                  | VALVE, SHUTTLE, HYDRAULIC, INTERNAL-THREAD, TUBE FITTING OUTLET, 3,000 PSI, TYPE II SYSTEMS |                          |
| Procurement Specification<br>MIL-V-19068 | SUPERSEDES:                      |   | SHEET 1 OF 1             |

APPROVED 13 Sep 55 REVISED A 30 Apr 57