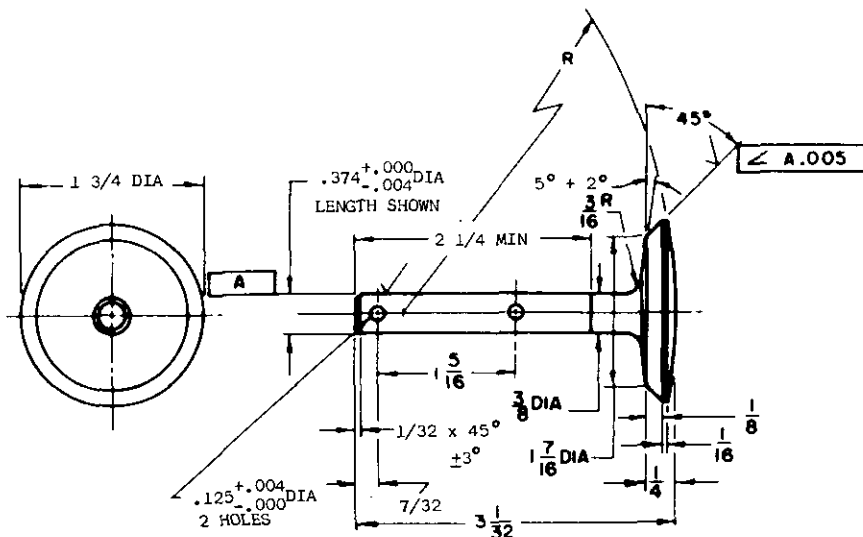


FED. SUP CLASS  
2590**VALVE****REQUIREMENTS:**

1. MATERIAL:
  - A. STEEL CASTING, QQ-S-681, CLASS 105-85.  
OPTIONAL MATERIAL: STEEL FORGING AISI 8625, AISI 8630, AISI 4130, AISI 5130 GRADE "D" MIL-S-46172.
  - B. ALUMINUM ALLOY, CASTING, SPEC. QQ-A-601, ALLOY 355 OR 356.  
OPTIONAL MATERIAL: ALUMINUM ALLOY, FORGING, SPEC. QQ-A-367, COM
2. HEAT TREAT:
  - A. STEEL: QUENCH AND TEMPER, BRINELL 243-271 (ROCKWELL "C" 2)
  - B. ALUMINUM: SOLUTION TREAT AND ARTIFICIALLY AGE (T6) T
3. FINISH:
  - A. STEEL: CADMIUM PLATE IN ACCORDANCE WITH SP
  - B. ALUMINUM: ANODIZE IN ACCORDANCE WITH "
4. UNLESS OTHERWISE SPECIFIED, ALL MACHINING SURFACE ROUGHNESS SYMBOL  $\sqrt{\text{ }}$ : UNMACHINED SURFACES SHALL BE IN ACCORDANCE WITH MIL-STD-10.
5. UNLESS OTHERWISE SPECIFIED DIMENSIONS, TOLERANCES ARE: MACHINED SURFACES, FRACTIONS  $\pm 1/64$ , DECIMALS,  $\pm 0.001$ ; UNMACHINED SURFACES, FRACTIONS  $\pm 1/32$ , ANGLES  $\pm 0.30^\circ$
6. RECYCLED MATERIALS. APPLICABLE MATERIALS WHICH MEET THE REQUIREMENTS OF THE MIL-STD-130, WITHOUT JEOPARDIZING THE INTENDED USE OF THE ITEM

**NOTES:**

1. REFERENCE TO THIS STANDARD SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ADOPTED.
2. THE PART SHALL CONSIST OF THE MS PART NUMBER AND THE MANUFACTURER'S IDENTIFICATION WITH MIL-STD-130.

| MS PART NO | MATERIAL |
|------------|----------|
| MS 51340-1 | STEEL    |
| MS 51340-2 | ALUMINUM |

P. A. ARMY-AT

Other Cust

TITLE

VALVE, POPPET, HULL DRAIN:  
VEHICULAR, 1-1/2 INCHPROCUREMENT SPECIFICATION  
NONE

SUPERSEDES

**MILITARY STANDARD****MS 51340 (AT)**

SHEET 1 OF 1