



Review activity:
DLA-CS

This military standard is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

- REQUIREMENTS:**
- MATERIAL:**
 - A. STEEL, CASTING, (105-85) SPEC QQ-S-681, OPTIONAL MATERIAL: STEEL FORGING ALLOY 8125, 8130, 4130 OR 5130, GRADE D, SPEC MIL-S-46172.
 - B. ALUMINUM CASTING, ALLOY 355 OR 356 SPEC QQ-A-601, ALUMINUM FORGING, ALLOY 6061, SPEC QQ-A-367.
 - HEAT-TREAT:**
 - A. STEEL: QUENCH AND TEMPER, BRINELL 243-271 (ROCKWELL "C" 23-28).
 - B. ALUMINUM: SOLUTION TREAT AND ARTIFICIALLY AGE (T6) IN ACCORDANCE WITH MIL-H-6088.
 - FINISH:**
 - A. STEEL: CADMIUM PLATE IN ACCORDANCE WITH SPEC QQ-P-416, TYPE II, CLASS 2.
 - B. ALUMINUM: ANODIZE IN ACCORDANCE WITH MIL-A-8625.
 - UNLESS OTHERWISE SPECIFIED, ALL MACHINED SURFACES SHALL BE 125 WHERE SHOWN WITH ROUGHNESS SYMBOL ✓; UNMACHINED SURFACES 250 ✓ IN ACCORDANCE WITH MIL-STD-10. REMOVE ALL BURRS AND SHARP EDGES.
 - UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: MACHINED SURFACES, FRACTIONS ±1/64, DECIMALS ±.005, ANGLES ±0° 30'; UNMACHINED SURFACES, FRACTIONS ±1/32, ANGLES ±1°.
 - MARKING SHALL CONSIST OF THE MS PART NUMBER AND THE MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.

- NOTE:**
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

Ⓒ DENOTES CHANGES

MS PART NO.	MATERIAL
MS51344-1	STEEL
MS51344-2	ALUMINUM

P.A. ARMY-AT Other Cust	TITLE Ⓒ SEAT, HULL DRAIN POPPET VALVE: VEHICULAR, 3 INCH
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:

MILITARY STANDARD	
MS51344 (AT)	
SHEET	OF

APPROVED 9 JANUARY 1961 REVISED Ⓐ 18 OCTOBER 1966 Ⓑ 13 SEP 77 Ⓒ 25 NOV 83