

FED. SUP CLASS
5306

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NOTES:

1. MATERIAL: STEEL, ALLOY, 1335, 1340, 4037, 8637, 8640, OR 8740, PER QQ-S-624. OPTIONAL: WIRE STEEL, 1335, 1340, 4037, 4135, 8637, 8640, 8735, OR 8740, PER QQ-W-405.
2. HEAT TREAT: HARDEN AND TEMPER TO CORE HARDNESS OF BRINELL 322-363. RESTORE SURFACE CARBON IF NECESSARY TO PRODUCE A SURFACE HARDNESS RANGE OF 15N-78-84 OR EQUIVALENT. DEPTH OF SURFACE HARDNESS: .004 TO .012. HEAT TREATMENT SHALL NOT BE ACCOMPLISHED IN PRESENCE OF NITROGEN COMPOUNDS.
3. PROTECTIVE FINISH: ZINC PLATE PER QQ-Z-325, TYPE II, CLASS 2, OR CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2. HYDROGEN EMBRITTLEMENT RELIEF REQUIRED WITHIN FOUR HOURS AFTER PLATING.
4. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARD FOR FEDERAL SERVICES, HANDBOOK H2B.
5. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm .010$ ON DECIMALS, $\pm 1^\circ$ ON ANGULAR DIMENSIONS.
6. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
9. MARKING SHALL CONSIST OF MS PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.

APPROVED 8 AUGUST 1963 REVISED C FOR CHANGES SEE SHEETS 1 AND 2

P A ARMY - AT Cust - Cust	TITLE BOLT, RIBBED SHOULDER: SINGLE END, SPLINED, 7/16 AND 1/2 INCH	MILITARY STANDARD
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	MS 51948(AT) SHEET 2 OF 2

DD FORM 672-1 (Limited circulation)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPECIFICATION ANALYSIS SHEET		Form Approved Budget Bureau No. 22-R255
<p>INSTRUCTIONS: This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.</p>		
SPECIFICATION		
MS51948(AT)		
ORGANIZATION		
CITY AND STATE	CONTRACT NUMBER	
MATERIAL PROCURED UNDER A <input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT		
1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A. GIVE PARAGRAPH NUMBER AND WORDING.		
B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES		
2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID		
3. IS THE SPECIFICATION RESTRICTIVE? <input type="checkbox"/> YES <input type="checkbox"/> NO (If "yes", in what way?)		
4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)		
SUBMITTED BY (Printed or typed name and activity - Optional)		DATE

DD FORM 1426
1 JAN 66

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED.

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