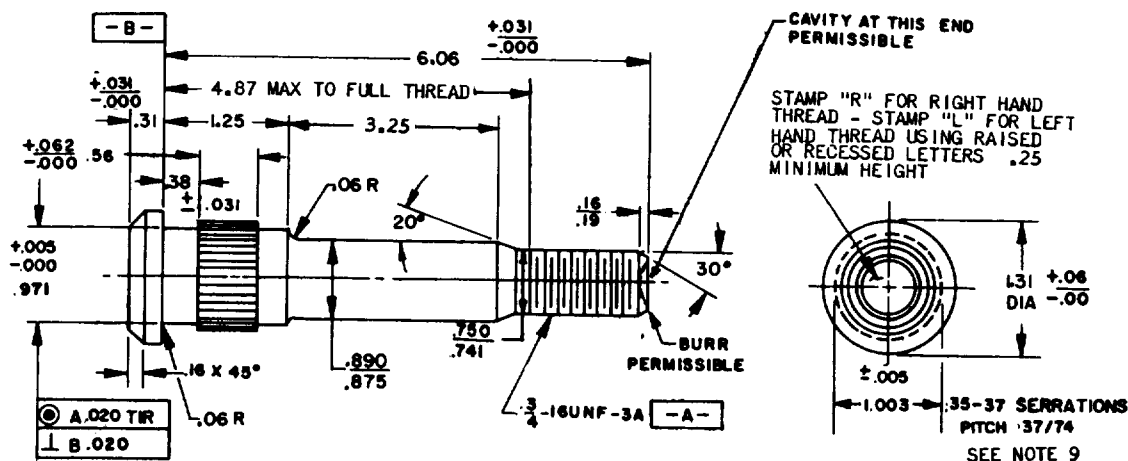


REVIEW ACTIVITY: DSA-IS;ARMY-MI  
USER ACTIVITIES: ARMY-EL, ME, WC



ENLARGED VIEW OF SERRATIONS

## NOTES:

1. STEEL ALLOY 4135, 4137, 4140, 5135, 5140, 8637, 8640, 8740 PER ASTM A322 OR 4135, 4137, 4140, 8637, 8640, 8740 PER ASTM A547 OR 4135, 4137, 4140, 5135, 5140, 8637, 8640, 8740 PER MIL-S-46172 FORGING GRADE D.
2. HEAT TREAT: HARDEN AND TEMPER TO CORE HARDNESS OF BRINELL 223-277. RESTORE SURFACE CARBON IF NECESSARY TO PRODUCE A SURFACE HARDNESS OF 15N-78-84 OR EQUIVALENT. 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.
4. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES, HANDBOOK H28. PD TO BE MEASURED AFTER ANY NICKS AND BURRS ARE REMOVED.
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. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
8. MARKING SHALL CONSIST OF MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
9. MATERIAL FROM ROOT OF SERRATIONS MUST NOT BURR OR INCREASE .971 DIA.

MS PART NO.	FORMER PART NO.	THREAD
MS 51947-1	7411182	LH
MS 51947-2	7411183	RH

P. A. ARMY-AT	TITLE	MS 51947-2	7411183	RH	<
Other Cust	BOLT, RIBBED SHOULDER: WHEEL MOUNTING SINGLE END, 3/4 INCH, EXTENDED LENGTH	MILITARY STANDARD			
		MS 51947 (AT)			
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: 7411182, 7411183	SHEET   OF			

DD FORM 672-1 (Limited coordination)  
1 SEP 57

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5306-A106

APPROVED • AUGUST 1963 REVISED (A) 21 APRIL 1971 (B) 27 MAY 1976

literary standard is approved by the U. S. Army Tank-Automotive Command, Department of the Army, and shall be used by that activity. All other military activities are required to employ this standard where suitable.