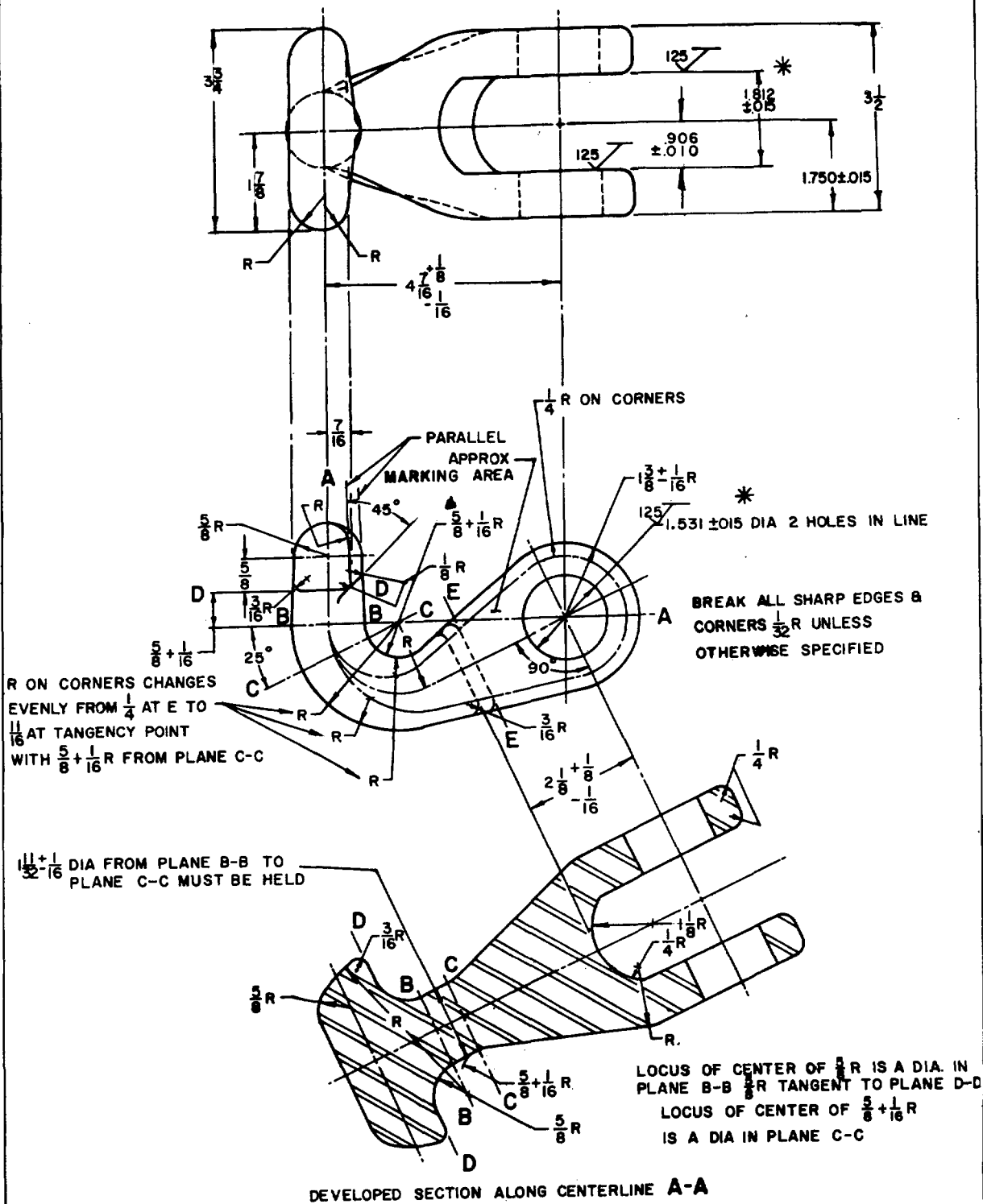


USER ACTIVITY: ARMY-EA; NAVY-MC

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



(A) FOR CHANGES SEE SHEET 2

P.A. AT Other Cust	TITLE <b>HOOK, TOWING: MEDIUM (FOR VEHICLES 15 TO 40 TONS)</b>	MS PART NO. MS -1	FORMER PART NO. 7068219
PROCUREMENT SPECIFICATION		SUPERSEDES:	
		MILITARY STANDARD <b>MS 500038</b>	
		SHEET 1 OF 2	

FED. SUP CLASS  
2540

## REQUIREMENTS:

- (A) 1. MATERIAL: STEEL, ALLOY, FORGING; 4140 TO 4150, 4337, 4340, 5140 TO 5150; 8640 TO 8650, 8740 & 8742, GRADE D SPEC. MIL-S-46172.
2. HEAT TREAT: QUENCH AND TEMPER TO ROCKWELL C 28-35.
- (A) 3. PROTECTIVE FINISH: TREAT SPEC. TT-C-490, TYPE I OR III. PRIME, SPEC. TT-P-636  
ENAMEL: FOREST GREEN, SPEC. MIL-E-52798 OR MIL-E-52835.
4. DIMENSIONS ARE IN INCHES AND UNLESS OTHERWISE SPECIFIED THE FOLLOWING SHALL APPLY:  
DRAFT ANGLE 7°MAX; FORGING TOLERANCE  $\pm 1/16$ .
- (A) 5. RECYCLED MATERIALS. THE USE OF RECYCLED MATERIALS WHICH MEET THE REQUIREMENTS OF THE APPLICABLE MATERIAL SPECIFICATIONS WITHOUT JEOPARDIZING THE INTENDED USE OF THE ITEM SHALL BE ENCOURAGED.

## NOTES:

- (A) 1. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
2. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
3. MARKING SHALL CONSIST OF THE MS PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
4. CERTAIN DIMENSIONS MARKED \* ON SHEET 1 ARE CONGRUENT WITH CORRESPONDING DIMENSIONS FOR THE TOWING LUGS TABULATED ON MS500004 WHICH REFLECTS THE REQUIREMENTS OF STANDARDIZATION AGREEMENT NORTH ATLANTIC TREATY ORGANIZATION 4019 AND AMERICAN, BRITISH, CANADIAN-ARMY-STD-132.

APPROVED 7 MARCH 1966 REVISED (A) 16 Feb 1978

P.A. AT Other Cust	TITLE  HOOK, TOWING. MEDIUM (FOR VEHICLES 15 TO 40 TONS)	MS PART NO MS <u>1</u> 7068219 FORMER PART NO  MILITARY STANDARD  MS 500038
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 2 OF 2