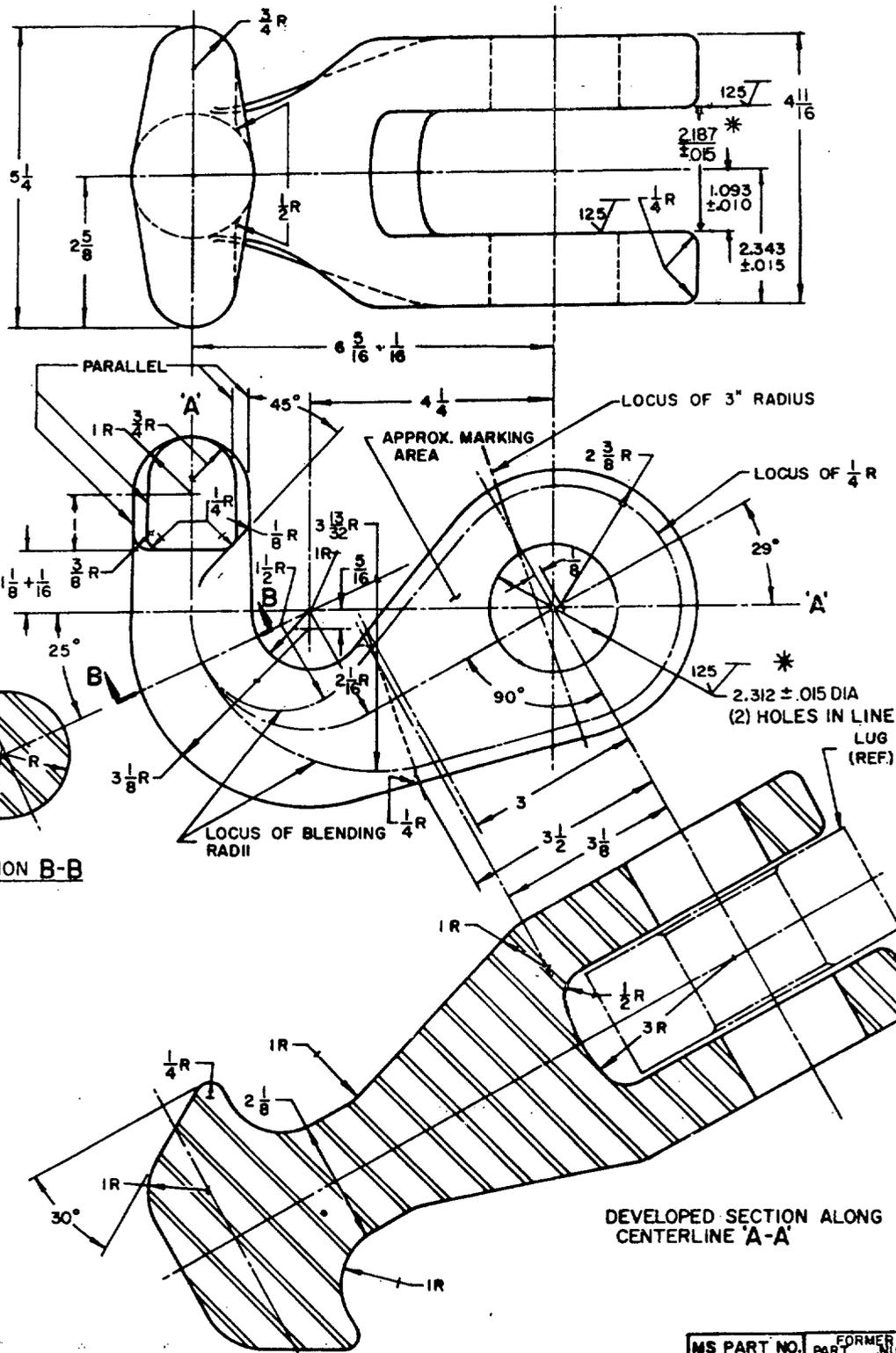


ACTIVITY: ARMY- EA, NAVY-MC



This standard is approved for use by the U.S. Army Tank-Automotive Material 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

PROCUREMENT SPECIFICATION

TITLE

HOOK, TOWING: HEAVY
(FOR VEHICLES 40 TONS AND OVER)

SUPERSEDES:

MS PART NO.	FORMER PART NUMBER
MS -1	7087806
MILITARY STANDARD	
MS 500037	
SHEET	OF
1	2

APPROVED 7 MARCH 1966 REVISED (A) 16 Feb 1978

FED. SUP CLASS
2540

REQUIREMENTS:

- (A) 1. MATERIAL: STEEL, ALLOY, FORGING; 4140 TO 4150, 4337, 4340, 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. IT-C-490, TYPE I OR III. PRIME, SPEC.IT-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.

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MS PART NO.	FORMER PART NO.
MS -1	7087806

P.A. Other Cust	AT	TITLE	MILITARY STANDARD
			MS 500037
PROCUREMENT SPECIFICATION	SUPERSEDES:		SHEET 2 OF 2
		HOOK, TOWING: HEAVY (FOR VEHICLES 40 TONS AND OVER)	