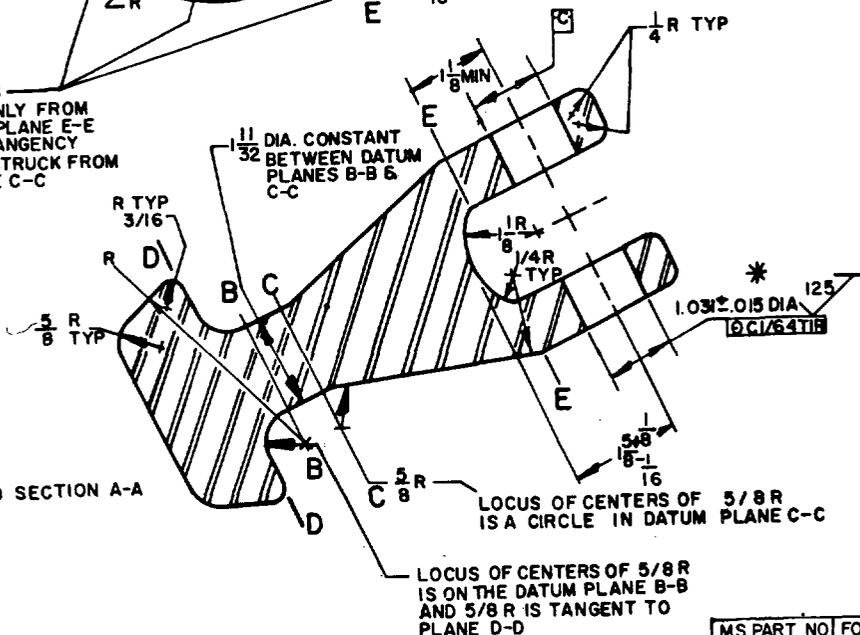


R ON CORNERS
CHANGES EVENLY FROM
1/4 AT DATUM PLANE E-E
TO 11/16 AT TANGENCY
WITH 5/8 R STRUCK FROM
DATUM PLANE C-C



DEVELOPED SECTION A-A

LOCUS OF CENTERS OF 5/8 R
IS A CIRCLE IN DATUM PLANE C-C

LOCUS OF CENTERS OF 5/8 R
IS ON THE DATUM PLANE B-B
AND 5/8 R IS TANGENT TO
PLANE D-D

(A) FOR CHANGES SEE SHEET 2

| | |
|---------------------------|-------------|
| P.A. AT Other Cust | TITLE |
| PROCUREMENT SPECIFICATION | SUPERSEDES: |

| | |
|--|--|
| HOOK, TOWING: LIGHT (FOR VEHICLES 8 TO 15 TONS) | |
| MS PART NO FORMER PART NO MS - 10861607 | |
| SHEET 1 OF 2 | |

| | |
|---------------------------------------|--|
| MILITARY STANDARD MS 500039 | |
| SHEET 1 OF 2 | |

USER ACTIVITY: ARMY- EA; NAVY-MC

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

APPROVED 7 MARCH 1966 REVISED (A) 16 Feb 1978

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 ± 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 IDENTIFICATIONS 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

| | |
|-------------|-----------------|
| MS PART NO. | FORMER PART NO. |
| MS | -1 10861607 |

| | |
|---------------------------|-------------|
| P.A. AT Other Cust | TITLE |
| PROCUREMENT SPECIFICATION | SUPERSEDES: |

| | |
|--|--|
| <p>HQOK, TOWING: LIGHT (FOR VEHICLES 8 TO 15 TONS)</p> | |
|--|--|

| | |
|---|--|
| <p>MILITARY STANDARD</p> <p>MS 500039</p> | |
| <p>SHEET 2 OF 2</p> | |