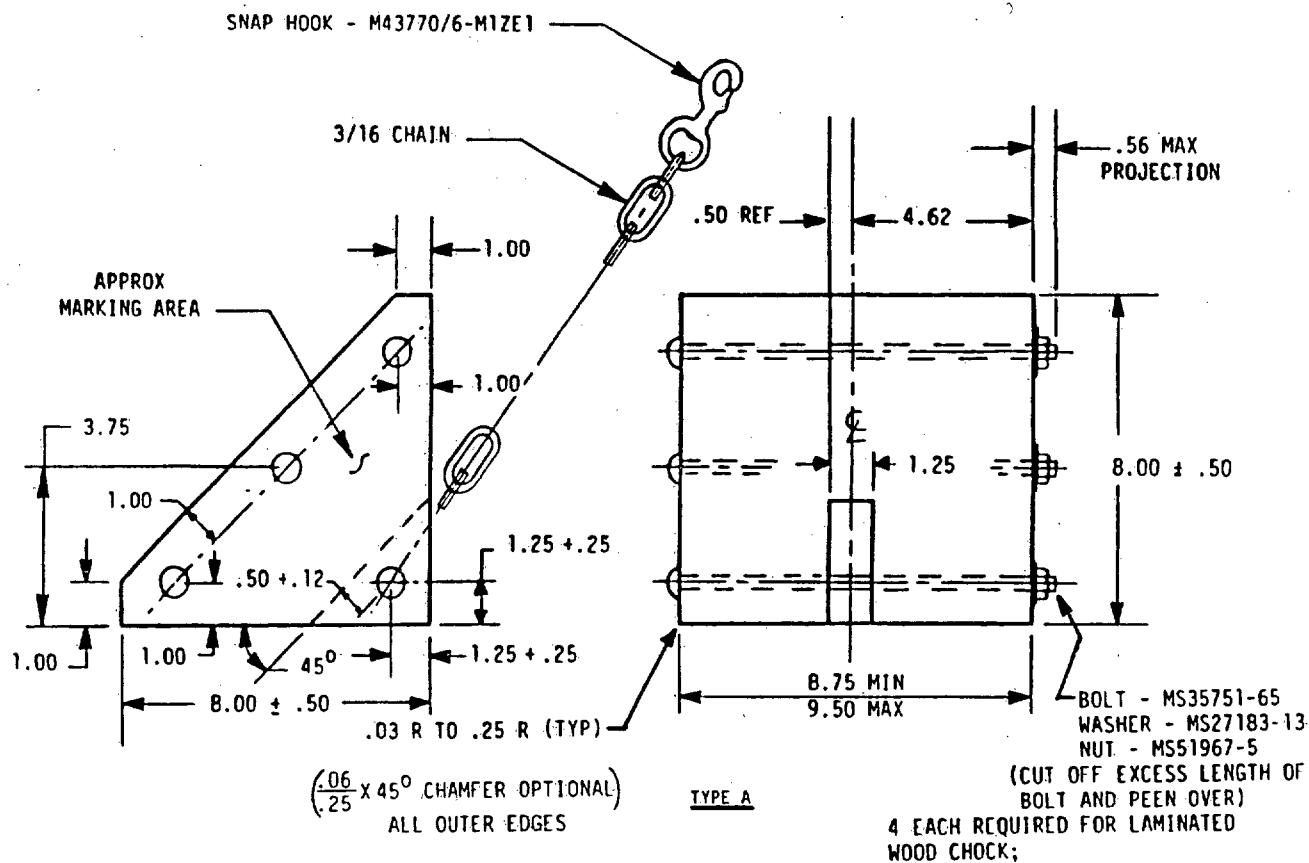


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PREPARING ACTIVITY: ARMY-AT

CUSTODIANS: ARMY-
AIR FORCE-

NAVY- YD
DLA-

REVIEW:
USER: ARMY-ME, NAVY-YD

PROJECT NUMBER: 2540-A349

MILITARY SPECIFICATION SHEET

TITLE: CHOCK, WHEEL

SPECIFICATION SHEET NUMBER:

MS52127C
22 DECEMBER 1988

SUPERSEDING:

MS52127B, 22 DECEMBER 1975

AMSC-NA

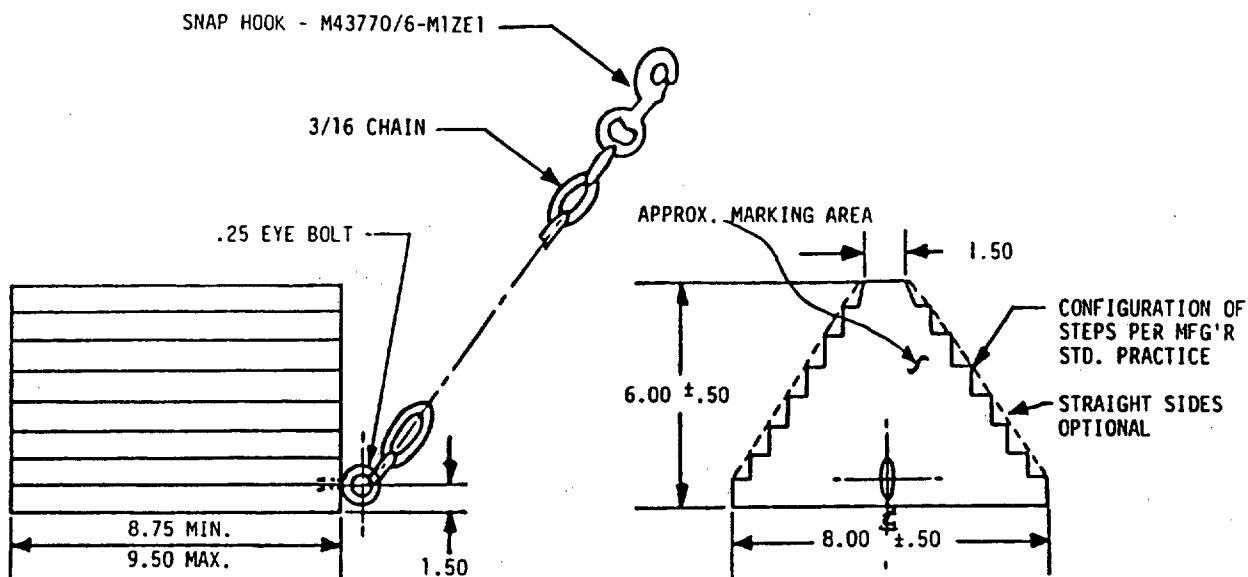
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DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

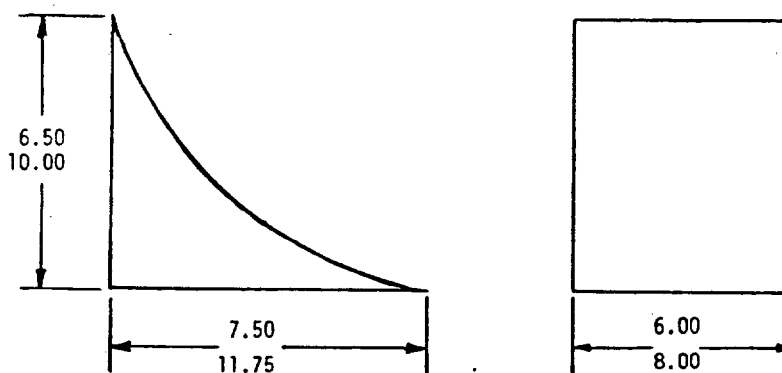
Page 1 of 3

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TYPE B



CHAIN AND HOOK ASS'Y
SHALL BE AS TYPE A, B, OR C.

MAXIMUM ALLOWABLE WEIGHT
FOR EACH CAST OR EXTRUDED
BLOCK IS 12 LBS.

TYPE C

MS PART NUMBER	TYPE	CHAIN LENGTH	FORMER PART NUMBER
MS52127-3	A	92 INCHES	7979235

NOTE: DASH NUMBERS -1, -2, AND -4 ARE SUPERSEDED BY DASH NUMBER -3 FOR FUTURE PROCUREMENT.

PREPARING ACTIVITY: ARMY-AT

CUSTODIANS: ARMY-
AIR FORCE-

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Page 2 of 3

REQUIREMENTS:

1. CHOCK MATERIAL.
TYPE A OR B: WOOD, LAMINATED, 1.25 MINIMUM THICK LAMINA IN ACCORDANCE WITH CLASS A, TABLE I OF MIL-W-3912.
TYPE B: RUBBER, GRADE RS720 BC, DF², PER MIL-R-3065 OR COMMERCIAL SUBSTITUTE RUBBER MATERIALS OF EQUIVALENT GRADE, TYPE AND QUALITY.
TYPE C: CAST OR EXTRUDED NON-FERROUS METAL, WHICH IS "SPARKPROOF".
2. CHAIN ASSEMBLY.
a. CHAIN SHALL BE FABRICATED PER RR-C-271, TYPE 1, GRADE C, CLASS 4, STYLE 1, ZINC COATED.
b. END LINKS SHALL BE 3/16 SIZE, PER RR-C-271, TYPE III, ZINC COATED.
c. EYE BOLTS SHALL BE ZINC COATED IAW ASTM A153 OR ASTM A633.
3. FINISH.
a. WOOD SURFACES (ALL MATING WOOD SURFACES AND ALL EXTERIOR WOOD SURFACES).
PRIME PER SPEC MIL-P-52192, MIL-P-53030, OR MIL-P-53022.
DRY FILM THICKNESS: 0.8 - 1.2 MILS.
TOPCOAT, COLOR GREEN 383, PER SPEC MIL-C-46168 OR MIL-C-53039.
DRY FILM THICKNESS: 1.8 MILS MINIMUM.
b. STEEL SURFACES (ALL SURFACES OF FERROUS PARTS).
CLEAN PER SPEC TT-C-490, METHOD - OPTIONAL.
PRIME PER MIL-P-52192, MIL-P-53030, OR MIL-P-53022.
DRY FILM THICKNESS: 0.8 - 1.2 MILS.
TOPCOAT, COLOR GREEN 383, PER SPEC MIL-C-46168 OR MIL-C-53039.
DRY FILM THICKNESS: 1.8 MILS MINIMUM.
c. ALUMINUM SURFACES (ALL SURFACES OF ALUMINUM PARTS).
CLEAN PER SPEC MIL-C-10578, TYPE 1.
TREAT PER SPEC MIL-C-5541.
PRIME PER SPEC MIL-P-23377, MIL-P-53030, OR MIL-P-53022.
DRY FILM THICKNESS: 0.8 - 1.2 MILS.
TOPCOAT, COLOR GREEN 383, PER SPEC MIL-C-46168 OR MIL-C-53039.
DRY FILM THICKNESS: 1.8 MILS MINIMUM.
d. RUBBER AND RUBBER COMPOUNDS.
RUBBER AND "RUBBER" COMPOUNDS SHALL NOT BE PAINTED AND SHALL BE MOLDED COLOR-BLACK.

NOTES:

1. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.
2. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
3. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE $\pm .25$ ON DECIMALS AND $\pm 2^\circ$ ON ANGULAR DIMENSIONS.
4. MARKINGS SHALL CONSIST OF THE MS PART NUMBER IN ACCORDANCE WITH MIL-STD-130, AND SHALL BE LOCATED ON A SURFACE THAT WOULD NOT BE IN CONTACT WITH TIRE OR GROUND.
5. BASE AREA OF THE CHOCK WHICH WILL HAVE CONTACT WITH GROUND (IN NORMAL POSITION) SHALL BE 40 SQ. IN. MIN.
6. TYPE C CHOCK BLOCK SHALL HAVE ONE SURFACE (THAT WOULD NORMALLY BE IN CONTACT WITH THE TIRE) THAT HAS A CURVATURE TO MATCH ONE OF THE MID-RANGE CURRENT COMMERCIAL TRUCK TIRE SIZES/DIAMETERS.
7. WHEN POSITIONED IN CONTACT WITH A RUBBER TIRE WHEEL (AT REST), SHALL MAINTAIN THE WHEEL AT REST WITHIN THE LIMITS OF SAE J348.
8. CHOCK BLOCK SHALL BE FURNISHED AS A COMPLETE PAINTED ASSEMBLY (WITH CHAIN ATTACHED, ETC.).

PREPARING ACTIVITY: ARMY-AT

CUSTODIANS: ARMY- NAVY-YD
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