

The requirements for acquiring the product(s) described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the DoD ISS specified in the solicitation: NONE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

<p>Form Approved OMB No. 0704-0188</p>	
<p>APPROX. INSTALLATION LENGTH 88 INCHES</p>	
<p>① INSTALL PIN HEAD UP</p>	
<p>SUPPLEMENTAL CLEVIS & PIN—HEAVY DUTY</p>	
<p>SUPPLEMENTAL CLEVIS & PIN—LIGHT DUTY</p>	
<p>① INCH-POUND ① DENOTES CHANGES</p>	
<p>PREPARING ACTIVITY: AT CUSTODIANS: ARMY-AT NAVY-YD AIR FORCE-99 REVIEW: 84 CS USER: AR MC PROJECT NUMBER: 2540-0365</p>	<p>MILITARY SPECIFICATION SHEET TITLE: TOWBAR, MOTOR VEHICLE: LIGHT, MEDIUM AND HEAVY DUTY (FOR VEHICLES 2 1/2 TO 50 TONS & HEAVIER)</p>
<p>SPECIFICATION SHEET NUMBER: MS500048A 13 DECEMBER 1991 SUPERSEDING: MS500048 26 APRIL 1966 AMSC-NA FSC-2540</p>	
<p>DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.</p>	
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TABULATION SHOWING APPLICATIONS OF TOW BAR WITH SUPPLEMENTAL CLEVISES AND CLEVIS PINS						
	TOWING CAPACITIES	TOW BAR ASSEMBLY	USE CLEVIS NO.	USE PIN NO.	DIM. "A" PIN DIA.	DIM. "B" CLEVIS OPENING
(A) A ^{1/}	10 TO 50 TONS MEDIUM DUTY	12322663	12322662 (STANDARD)	10929861 (STANDARD)	1.468	1.812
(A) B	2 1/2 TO 10 TONS LIGHT DUTY	12322663	10894253 (SUPPLEMENTAL)	10894254 (SUPPLEMENTAL)	.990	1.562
(A) C	50 TONS & OVER HEAVY DUTY	12322663	8383805 (SUPPLEMENTAL)	8383813 (SUPPLEMENTAL)	2.250	2.187

- (A) ^{1/} DUE TO THE INTERFACE BETWEEN THE CLEVIS OF THE TOWBAR AND THE LIFTING EYE OF CONFIGURED VEHICLE SYSTEMS, MEDIUM DUTY TOWBARS/CLEVISES MAY BE REQUIRED FOR USE WITH VEHICLES 50 TON AND OVER.

APPLICATION NOTES:

- (A) 1. FOR MEDIUM DUTY APPLICATION (SEE "A" ABOVE), USE TOW BAR ASSEMBLY AS ISSUED AND SHOWN ON REF DWG. 12322663, WHICH INCLUDES THE STANDARD CLEVISES 12322662 AND STANDARD CLEVIS PINS #10929861.
- (A) 2. FOR LIGHT DUTY APPLICATION (SEE "B" ABOVE), USE TOW BAR ASSEMBLY 12322663, WITH THE FOLLOWING SUBSTITUTIONS: REMOVE THE STANDARD CLEVISES 12322662 (WITH CLEVIS PINS 10929861) AND REPLACE WITH SUPPLEMENTAL CLEVISES 10894253 (WITH CLEVIS PINS 10894254).
- (A) 3. FOR HEAVY DUTY APPLICATION (SEE "C" ABOVE), USE TOW BAR ASSEMBLY 12322663, WITH THE FOLLOWING SUBSTITUTIONS: REMOVE THE STANDARD CLEVISES 12322662 (WITH CLEVIS PINS 10929861) AND REPLACE WITH SUPPLEMENTAL CLEVISES 8383805 (WITH CLEVIS PINS 8383813).
4. CLEVIS OPENINGS "B" AND PIN DIAMETERS "A" ARE CONGRUENT WITH TOWING LUG DIMENSIONS SHOWN ON MS500004. THE LUNETTE EYE IS IN ACCORDANCE WITH MS51336.

GENERAL NOTES:

5. DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING REFERENCE ONLY.
6. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS OR REFERENCED DOCUMENTS.
9. MARKING SHALL CONSIST OF THE MS PART NUMBER AND MANUFACTURERS IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
10. THIS ASSEMBLY SHALL BE IN ACCORDANCE WITH REFERENCED ENGINEERING PARTS LIST AND DRAWINGS.
- (A) INTERCHANGEABILITY RELATIONSHIP:
11. THE NEW TOW BAR (12322663) IS TOTALLY INTERCHANGEABLE WITH THE OLD TOW BAR (8383802). THE OLD TOW BAR CAN BE CONVERTED TO THE NEW ASSEMBLY (12322663) BY CHANGING THE TOW BAR CLEVIS FROM PART NUMBER 8724449 TO 12322662. THE NEW TOW BAR IS THE ONLY ASSEMBLY THAT WILL TOW THE M1 SERIES TANK.

PREPARING ACTIVITY: AT		MILITARY SPECIFICATION SHEET		SPECIFICATION SHEET NUMBER:	
CUSTODIANS: ARMY-AT	NAVY- YD	TITLE:		MS500048A	
AIR FORCE-99		TOWBAR, MOTOR VEHICLE:		13 DECEMBER 1991	
REVIEW: 84 CS		LIGHT, MEDIUM AND HEAVY DUTY		SUPERSEDING: MS500048	
USER: AR MC		(FOR VEHICLES 2 1/2 TO 50 TONS & HEAVIER)		26 APRIL 1966	
PROJECT NUMBER: 2540-0365				AMSC-NA	FSC- 2540
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