

불

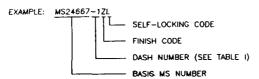
Form Approved OMB No. 0704-0188

REQUIREMENTS:

- 1. MATERIAL: ALLOY STEEL, IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- 2. PROTECTIVE COATING: ZINC COATING IN ACCORDANCE WITH ASTM B 633, TYPE II, CLASS FE/ZN 5. CADMIUM PLATING IN ACCORDANCE WITH QQ-P-416, TYPE II, CLASS 3 (SEE REQUIREMENT 8 AND NOTE 5).
- SELF-LOCKING FLEMENT: THE SELF-LOCKING ELEMENT SHALL BE A PATCH TYPE OR LONGITUDINAL STRIP IN ACCORDANCE WITH MIL-F-18240. FOR "X" AND "Y" DIMENSIONS AND DESIGN AND USAGE LIMITATIONS, SEE MS15981 (SEE REQUIREMENT 8).
- 4. HARDNESS: IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- THREADS: THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/2. ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 22.
- MINIMUM THREAD LENGTH; SCREWS ABOVE HEAVY LINE SHALL HAVE COMPLETE (FULL FORM) THREADS EXTENDING WITHIN TWO THREADS OF THE INTERSECTION OF THE CONICAL PORTION OF THE HEAD WITH THE BASIC SCREW DIAMETER AS MEASURED WITH A THREAD RING GAGE.
- 7. HEAD FLUSHNESS: SCREWS SHALL MEET THE HEAD PROTRUSION LIMITS CITED IN TABLE II, DIMENSION P. FLUSHNESS IS DETERMINED BY PLACING A FLAT HEAD SCREW INTO A GAGING RING OF THE SIZE DETERMINED IN TABLE II AND MEASURING THE HEIGHT THAT THE HEAD EXTENDS ABOVE THE FACE OF THE GAGING RING.
- 8. CODE:

Z - ZINC COATED NO CODE - CADMIUM PLATE (SEE NOTE 5) L - SELF-LOCKING

<u>PART NUMBER</u>; THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER TAKEN FROM TABLE I, FOLLOWED BY A FINISH CODE, FOLLOWED BY A SELF—LOCKING CODE LETTER, IF APPLICABLE.



MS24667-1ZL INDICATES - SCREW, CAP, SOCKET HEAD, FLAT COUNTERSUNK, 82, ALLOY STEEL, .1120-40 UNC-3A, .250 LENGTH, ZINC COATED, SELF-LOCKING.

MS24667-1Z INDICATES - SCREW, CAP, SOCKET HEAD, FLAT COUNTERSUNK, 82, ALLOY STEEL, .1120-40 UNC-3A, .250 LENGTH, ZINC COATED.

MS24667-1L INDICATES - SCREW, CAP, SOCKET HEAD, FLAT COUNTERSUNK, 82, ALLOY STEEL, .1120-40 UNC-3A, .250 LENGTH, CADMIUM PLATED, SELF-LOCKING.

MS24667-1 INDICATES - SCREW, CAP, SOCKET HEAD, FLAT COUNTERSUNK, 82, ALLOY STEEL, .1120-40 UNC 3A, .250 LENGTH, CADMIUM PLATED.

10. <u>IDENTIFICATION:</u> SCREWS WITH NOMINAL SIZES .1900 AND LARGER SHALL BE PERMANENTLY MARKED WITH A SYMBOL IDENTIFYING ITS MANUFACTURER OR PRIVATE LABEL DISTRIBUTOR. MARKINGS SHALL BE PLACED ON THE TOP OF HEAD, INDENTED. METHOD AND SIZE OF MARKINGS SHALL CONFORM TO THE REQUIREMENTS FOR PERMANENT MARKINGS

NOTES:

- 1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
- INTERPERT DIMENSIONS IN ACCORDANCE WITH ANSI Y14.5M.
- IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS DOCUMENT AND THE REFERENCED CITED HEREIN, THE TEXT OF THIS DOCUMENT SHALL TAKE PRECEDENCE.
- 4. UNLESS OTHERWISE SPECIFIED, ISSUES OF REFERENCED DOCUMENTS ARE THOSE IN EFFECT AT THE TIME OF SOLICITATION.
- CADMIUM PLATED PARTS COVERED BY THIS STANDARD ARE INACTIVE FOR NEW DESIGN AFTER 31 DEC 94 DASH NUMBERS 62 THRU 71 ARE INACTIVE FOR NEW DESIGN AFTER 28 JULY 75.
- MS24667 SUPERSEDES MS24669.

PREPARING ACTIMITY: DLA-IS CUSTODIANS: ARMY-AR NAVY- SH AIR FORCE-99 REVIEW: USER:	MILITARY SPECIFICATION SHEET TITLE SCREW, CAP, SOCKET HEAD, FLAT COUNTERSUNK, 82°, ALLOY STEEL, UNC-3A	SPECIFICATION SHEET NI MS24667 SUPERSEDING MS24667 C 28 OC AMSC- N/A	30 APR 94 REV D CT 76 (SEE NOTE 6) FSC 5305
PROJECT NUMBER: 5305-1952 DISTRIBUTION STATEMENT	release; distribution is unlimited.		Page 3 of 3