

NOTES:

- 1 **MATERIAL:**
 - (a) Screw Corrosion-resisting steel (CRES) in accordance with MIL-S-82496
 - (b) O-ring Fluorosilicone rubber, Composition B in accordance with MIL-S-82496 (resistant to MIL-H-5606 hydraulic fluid and Type III fuel of TT-S-735)
- 2 **PROTECTIVE COATING.** Screws shall be passivated in accordance with QQ-P-35.
- 3 **THREADS:** Threads shall be in accordance with NBS Handbook H28
- 4 **THREAD LENGTH.** Length of thread shall be in accordance with ANSI B18 6 3-1972
- 5 **RECESS.** The recess shall be in accordance with the dimensions of Type I cross-recessed pan head machine screws of ANSI B18 6 3-1972
- 6 **SELF-LOCKING ELEMENT:** When self-locking screws are required, the self-locking element shall be a non-metallic element in accordance with MIL-F-18240 and MS15981
- 7 **DIMENSIONS:** All dimensions are in inches
- 8 **PART NUMBER:** The MS part number consists of the MS number, plus the dash number, plus the letter "L" for self-locking screws

Examples MS3213-29 is the part number for a 0.875-inch long .164-32 UNC-2A screw MS3213-29L is the part number for an identical screw with the self-locking feature added
- 9 **OTHER NOTES**
 - (a) For design feature purposes, this standard takes precedence over procurement documents referenced herein.
 - (b) Referenced documents shall be of the issue in effect on the date of invitations for bids, or request for proposal, except that industry documents shall be of the date of the issue adopted

APPROVED 27 May 68 REVISED (A) For changes see pages 1 and 2

P A Other Cust	OS	INTERNATIONAL INTEREST	TITLE SCREWS, MACHINE, PAN HEAD, CROSS-RECESSED, SELF-SEALING, INTEGRAL FLUROSILICONE O-RING, PLAIN AND SELF-LOCKING	MILITARY STANDARD	
	WC 99			MS3213	
PROCUREMENT SPECIFICATION MIL-S 82496			SUPERSEDES:	SHEET	2 OF 2

ARMY - AV
NAVY - MC, EC

USER ACTIVITIES

ARMY - MI, AI
DLA - IS

REVIEWER ACTIVITIES

This military standard is approved for use by all Departments and Agencies of the Department of Defense in lieu of all engineering and design applications and for repetitive use shall be made from this document