

REQUIREMENTS:

DIMENSIONS IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES DECIMALS ± 0.10 , ANGLES $\pm 3^\circ$.MATERIAL AND PROTECTIVE TREATMENT. SEE PROCUREMENT SPECIFICATION
SURFACE FINISH SHALL BE RMS 125 OR BETTER.CYLINDRICAL BARREL HARDNESS SHALL BE AT LEAST ROCKWELL 15T SCALE 75 PER
ASTM E140

THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742

REMOVE ALL BURRS AND SHARP EDGES (SEE PROCUREMENT SPECIFICATION FOR
DEFINITION).

BARRELS SHALL SHOW YEAR OF MANUFACTURE

MARKING BY IMPRESSION STAMPING (OR ANY OTHER STRESS INDUCING METHOD), IF
USED, SHALL BE DONE BEFORE STRESS RELIEVING.THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER. LETTER
FOLLOWING THE DASH NUMBER INDICATES LENGTH (SHORT OR LONG).**NOTES:**

FOR CLIP LOCKING OF TERMINALS AND TURNBUCKLES SEE MS33736.

USE -5 PARTS WITH 1/8 INCH DIAMETER WIRE ROPE, MIN BREAKING STRENGTH 2200
POUNDS (REF).A TURNBUCKLE WITH A MANUFACTURING DATE OF 1978 OR OLDER SHALL NOT BE USED
FOR REPLACEMENT REPAIRS SINCE STRESS RELIEVING WAS NOT REQUIRED PRIOR TO
THIS DATE.EXAMPLE OF PART NUMBER: MS21251-B5S - BARREL, TURNBUCKLE, BRASS, 1/4-28
THREAD, SHORT.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REVISION LETTERS ARE NOT USED TO DENOTE CHANGES DUE TO THE EXTENSIVENESS
OF CHANGES.

INCH-POUND

PREPARING ACTIVITY 82	TITLE	SPECIFICATION SHEET NUMBER
CUSTODIANS ARMY- AV NAVY- AS	MILITARY SPECIFICATION SHEET	MS21251, REV F 27 Apr
AIR FORCE- 99 DLA-	TURNBUCKLE BODY	SUPERSEDING
REVIEW USAF - 11 NAVY -	CLIP LOCKING	MS21251, REV E, 29 JAN 71
ARMY - AV		AMSC N/A FSC 534C
USER NAVY - MC		
PROJECT NUMBER 5340-1918		
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