

MIL-STD-636
NOTICE 1
15 August 1988

MILITARY STANDARD

VISUAL INSPECTION STANDARDS FOR SMALL ARMS AMMUNITION

THROUGH CALIBER .50

TO ALL HOLDERS OF MIL-STD-636:

1. THE FOLLOWING PAGES OF MIL-STD-636 HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
15	5 June 1958	15	Reprinted Without Change
16	15 August 1988	16	5 June 1958
17	15 August 1988	17	5 June 1958
17a	15 August 1988	(New Page)	15 August 1988
17b	15 August 1988	(New Page)	15 August 1988
18	5 June 1958	18	Reprinted Without Change

2. RETAIN THIS NOTICE AND INSERT BEFORE TABLE OF CONTENTS.

3. Holders of MIL-STD-636 will verify that page changes and additions indicated above have been entered. This notice page will be retained as a check sheet. This issuance, together with appended pages, is a separate publication. Each notice is to be retained by stocking points until the military standard is completely revised or cancelled.

Custodians:

Army - AR
Navy - OS

Preparing Activity:

Army - AR

(Project 1305-OC63)

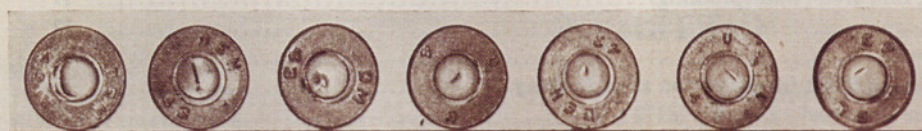
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

MIL-STD-636

5 June 1958

**No. 35. Loose Primer (Not illustrated)
 Major**

A cartridge is to be counted as a defective because of a loose primer if the primer can be moved within the primer pocket or if the primer can be shaken or jarred from the pocket.



(a) Deformed Primer.
 (b) Nick extending to edge of primer cup.
 (c-d-e-f-g) Small Nicks and Dents.

a b c d e f g
 [— — — — — Minor — — — — —] [— — — — — Permissible — — — — —]

No. 36a. Nicked or Dented Primer



a b c d e f g
 [— — — — — Minor — — — — —] [— — — — — Permissible — — — — —]

No. 36b. Nicked or Dented Primer



[Minor] [— — — — — Permissible — — — — —]

**No. 37. No Waterproofing
 (Primer pocket joint)**



[— — — — — Minor — — — — —] [— — — — — Permissible — — — — —]

No. 38. Defective Crimp

LIST OF DEFECTS

NATO CALIBER 7.62-MM

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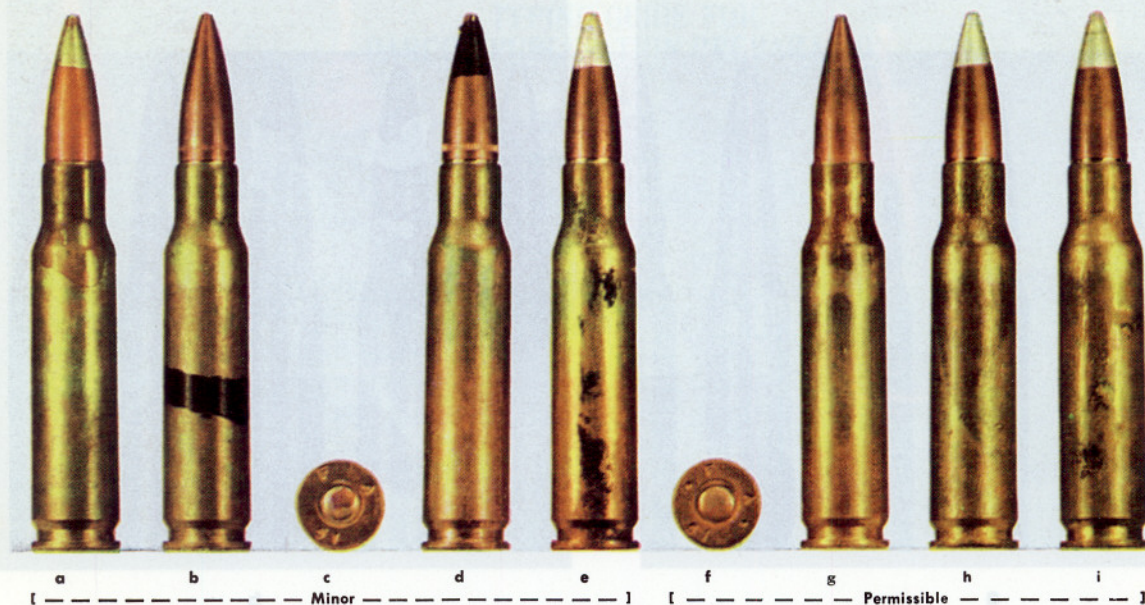
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No. 1. Discolored, Dirty, Oily, Smeared (waterproofing)

- (a) } Smeared Identification
- (b) } Paint
- (c) Smeared Primer

Waterproofing

- (d) Oil on Cartridge Case
- (e) Dirty Cartridge Case
- (f) Smeared Primer

Waterproofing

- (g) } Discolored Cartridge
- (h) } Cases
- (i) Dirty Cartridge Case



[— — — — Major — — — —] [Permissible]

No. 2. Corroded or Stained

Where etching appears in stained areas, local or general, the cartridge will be classified as a major defective.

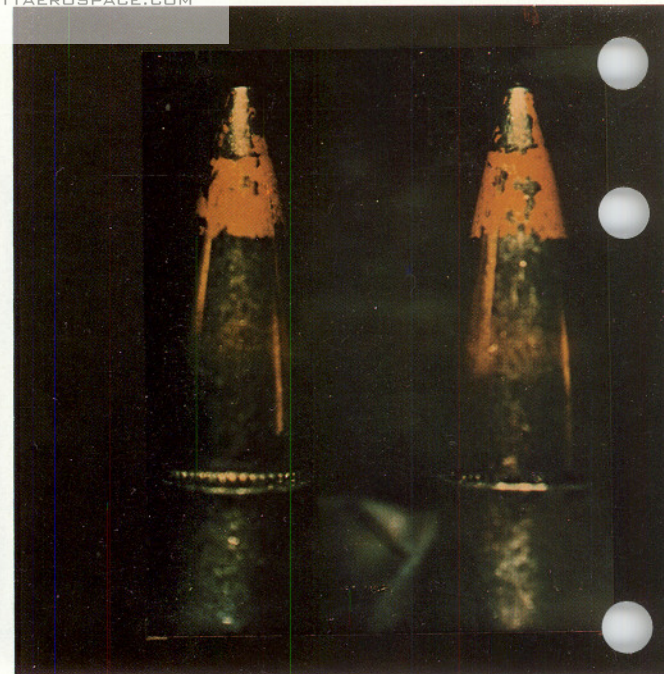
No. 3. Mixed Ammunition Types (Not illustrated). Critical, Major, or Minor depending on types mixed. See detail specification. (Also includes incorrect or poor identification.)



a

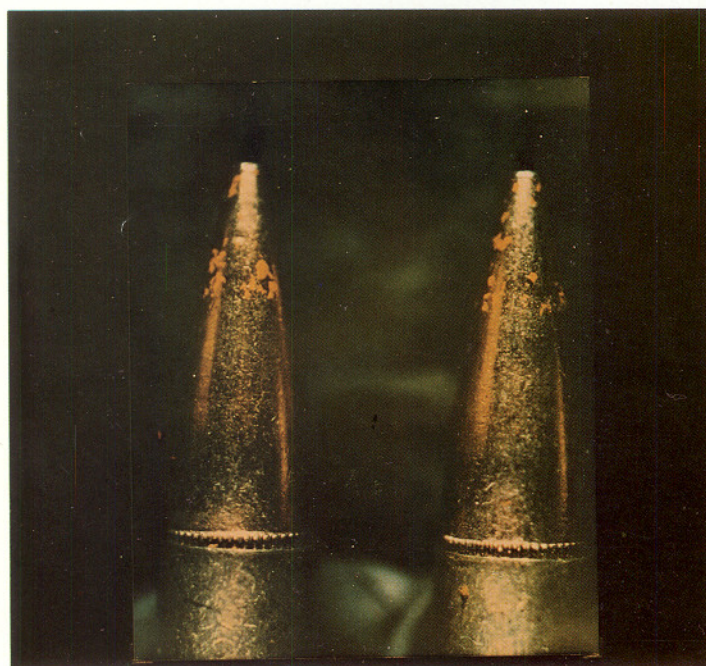
[- - - - - Permissible - - - - -]

Minimum 60% of Original Paint Remains



b

[- - - - - Minor - - - - -]



c

[- - - - - Minor - - - - -]



d

[- - - - - Major - - - - -]

No. 3a. Missing or Partially Missing Paint Identification After Linking

Photographs apply to the Tracer, M62, Overhead Fire, M62, and Armor Piercing, M61, and represent two sides of the same bullet.



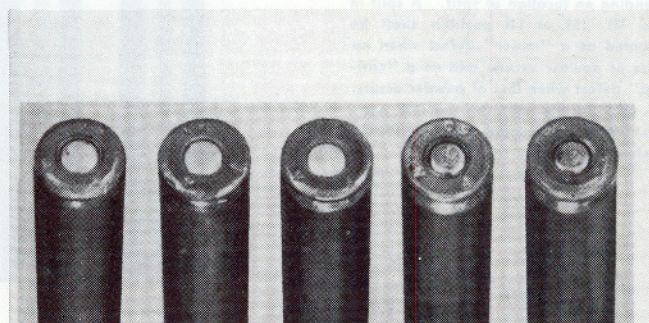
a
[Permissible]



b
[Major]

No. 3b. Identification Missing or Incorrect — Dummy M172

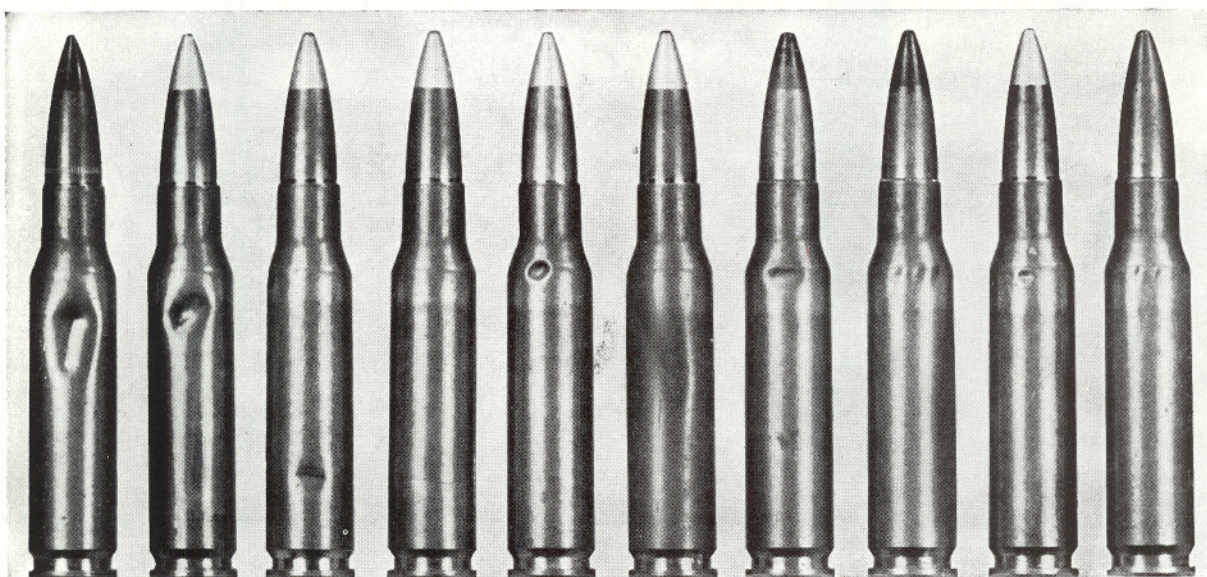
- (a) Finish: Black oxide.
- (b) Black finish missing or improper.



[— — — — Major — — — —] [— — Permissible — —]

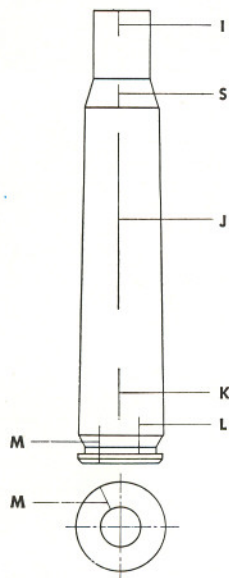
No. 4. Round Head

Cartridges having excessive head chamfers at any point on the circumference of the head are to be counted as Round Heads.



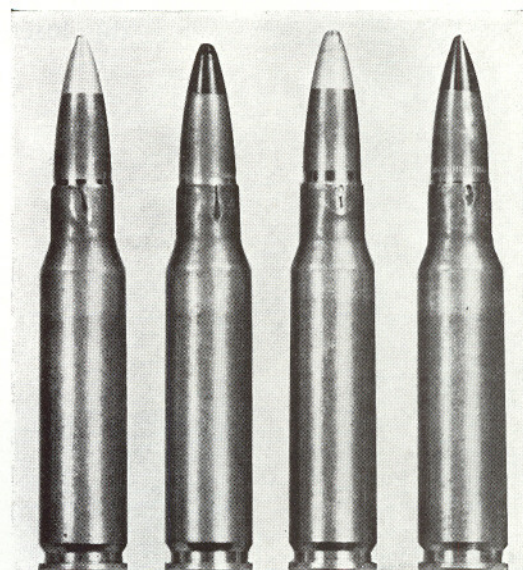
[— — — — — Major — — — — —] [— — — — — Minor — — — — —] [— — — — — Permissible — — — — —]

No. 5. Dent (case)



A cartridge is to be counted as a defective because of a split case if the cartridge case shows a definite separation of the metal entirely through the case wall.

A cartridge is to be classified either as a "major" or "critical" defective depending on location of split. A split in the (I), (S) or (J) position shall be counted as a "major" defect when no loss of powder occurs; and as a "critical" defect when loss of powder occurs. A split in the (K), (L), or (M) position shall be counted as a "critical" defect.



[— — — — — Major — — — — —]

No. 6. Split Case