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DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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AMMUNITION: NATIONAL STOCK NUMBERS AND  
DEPARTMENT OF DEFENSE CODES

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Approved for public release; distribution is unlimited.

Headquarters, Department of the Army, Washington, DC  
30 August 1991

**REPORTING OF ERRORS**

You can help improve this bulletin If you find any mistakes or know of a way to improve the procedures, please let us know. Mail your DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAY-T(D), Picatinny Arsenal, NJ 07806-5000. A reply will be furnished directly to you.

1. **Scope.** This bulletin covers source, use, and composition of National Stock Numbers (NSNs) and Department of Defense (DOD) codes for ammunition items and components.

Information covering responsibility for assignment of these numbers and codes is also included.

2. **General.**

a. The National Stock Number has been established by the Department of Defense in compliance with PL 436 (82d Congress), Defense Cataloging and Standardization Act, to replace the Ammunition Identification Code (AIC) and the Ordnance Stock Number (OSN). An NSN is assigned to each end item of ammunition or component, as packaged.

b. The Department of Defense Identification Code (DODIC) is used in requirement studies, worldwide reporting of stocks, and to denote interchangeability between items within Federal Supply Classification (FSC) group 13. The NSN and DODIC (e.g., 1315-00935-6011 (C256)) are used as a means of positive identification in requisitioning.

c. Assignment of the same NSN to more than one item or of two or more NSNs to the same item (except where packaging or packing differs) is strictly prohibited. Once assigned and published, an NSN will never be changed.

3. **Composition, Meaning, and Use.**

a. The NSN for an item of supply consists of a four-digit FSC class code number plus a nine-digit National Item Identification Number (NIIN). For example, in NSN 1315-00-9356011, the FSC code is 1315; followed by the two digit National Codification Bureau (NCB) code (U.S. "00" or "01"), and a seven-digit nonsignificant number (the last nine digits are designated as the NIIN). The FSC class code number indicates the commodity group (13) and subgroup (15) to which the item belongs. The NIIN provides positive identification of the item (a given NIIN is assigned to one NSN only, and is never duplicated or reused).

b. The DODIC, composed either of one letter and three numerals or of two letters and two numerals, denotes interchangeability between like items of ammunition or components within group 13. It takes the form of a parenthetical suffix to an NSN (e.g., C256). As a hyphenated suffix to an FSC class code number (e.g., 1315-C256), it is known as a DOD Ammunition Code (DODAC).

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\* This bulletin supersedes TB 9-1300-256, 4 October 1982.

c. Normally, the DODAC is used for requisitioning ammunition items or components. However, if a particular item, model, or pack is desired, requisitioning by NSN and DODIC is authorized, but justification for such requests must be shown on the requisition. Items with NSNs suffixed by identical DODICs are functionally interchangeable and are considered suitable substitutes for one another for supply purposes.

d. DOD ammunition code numbers and generic description are required for all items of supply within Federal Supply Classification Group 13, except repair parts and industrial components. Items of supply within Federal Supply Classification Group 14, meeting criteria for assignment of NSNs, may be assigned DOD code numbers when requested by the respective services.

#### **4. Requests to Establish NSNs and DODICs.**

a. NSNs and DODICs for ammunition items are published in the DOD Consolidated Ammunition Catalog, SB 708-4. Do not submit request for NSN assignment without first consulting pertinent supply catalog.

b. The engineering activity having control of pertinent drawings will prepare a DA Form 1669 (Request for National Stock Number and Department of Defense Identification Code for Ammunition and Explosive Supplies). Processing of this form should begin no less than 120 days prior to IPR III (DEVA) to assure availability of this information during decisions to type classify. This allows time for transmission of the form to and from the pertinent cataloging activity and for processing of the data necessary to obtain the NSN and DODIC from Defense Logistics Services Center. To avoid delay occasioned by having the form returned to its initiator because of incompleteness, include a full description, the average weight of the item as packaged, dimensions of outer container, method of packaging and packing, drawing numbers for both the item and its packaging, interim hazard classification signed by Safety Office, and all other data requested on this form. The engineering activity preparing DA Form 1669 will obtain concurrence of maintenance engineering prior to submission to the cataloging activity for processing. When DA Form 1669 is forwarded to maintenance engineering for concurrence, the following drawings should accompany it:

- (1) Combination of Adopted Items Drawings.
- (2) The Drawing of the Item.
- (3) The Packaging Drawings.

c. Request for assignment of NSNs and DODICs to ammunition items or components not listed in current editions of FSC group 13 supply catalogs (except FSC class 1336 items) will be forwarded to Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-DSC-L, Rock Island, IL 61299-6000. Similar requests relating to items in FSC class 1336 and for NSNs for other guided missile ammunition items (e.g., complete rounds, missiles as fired, or the separately packaged components required to assemble complete round missiles) will be submitted to Commander, U.S. Army Missile Command, ATTN: AMSMI-LC-MM-CL, Redstone Arsenal, AL 35898-5000.

By Order of the Secretary of the Army:

**GORDON R. SULLIVAN**  
General, United States Army  
Chief of Staff

Official:

**PATRICIA P HICKERSON**  
Brigadier General, United States Army  
The Adjutant General

Distribution:

To be distributed in accordance with DA Form 12-34-E, Block 2657, Ammunition: National Stock Numbers and Department of Defense Codes

[illegible]DA FORM 2028-2  
1 JUL 79

PREVIOUS EDITIONS  
ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

## The Metric System and Equivalents

### Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

### Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigrams = .035 ounce  
 1 decagram = 10 grams = .35 ounce  
 1 hectogram = 10 decagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

### Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

### Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

### Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

<i>To change</i>	<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>	<i>Multiply by</i>
inches	centimeters	2.540	ounce-inches	Newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	Newton-meters	1.356	metric tons	short tons	1.102
pound-inches	Newton-meters	.11296			

## Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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