

MIL-STD-111A  
 Change Notice 2  
 19 August 1960

**MILITARY STANDARD**

**GAGES, PLUG, PLAIN CYLINDRICAL NOT GO**

**TO ALL ACTIVITIES:**

1. The following pages of this standard have been revised and supersede the pages listed:

<i>New page</i>	<i>Date</i>	<i>Superseded page</i>	<i>Date</i>
iii	19 August 1960	iii	8 December 1955
1	19 August 1960	1	6 February 1957
2	19 August 1960	2	8 December 1955
3	19 August 1960	3	6 February 1957
4	19 August 1960	4	8 December 1955

2. The following is a cumulative list of earlier changes:

<i>New page</i>	<i>Date</i>	<i>Superseded page</i>	<i>Date</i>
1	6 February 1957	1	8 December 1955
3	6 February 1957	3	8 December 1955
5	6 February 1957	5	8 December 1955
6	6 February 1957	6	8 December 1955
7	6 February 1957	7	8 December 1955

3. Retain this cover page and insert before table of contents of this standard.

4. Destroy previous notice.

**CONTENTS**

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**FIGURES****Figure**

2. Not go plain plug gage (wire type)
3. Not go plain plug gage (taperlock type)
4. Not go plain plug gage (trilock type)

**TABLES****Table**

- I. Tabulation of design and identification data

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## 1. SCOPE

1.1 This standard covers pertinent design data and stock numbers for American Gage Design Standard (AGD), single end, not go plain cylindrical plug gages for the inspection of the maximum limits of internal diameters that range in size from .031 to 2.510 inches inclusive in increments of .001 inch. Stock numbers are also provided in increments of .0005 inch in sizes ranging from .031 to .8255 inches inclusive for components

which have .0005 inch total component tolerance. The class of gage required is listed in accordance with the total component tolerance.

1.2 The stock numbers listed in this standard have been approved by the Cataloging Division, Office of the Assistant Secretary of Defense as Federal stock numbers (FSN). See 3.

## 2. REFERENCED DOCUMENTS

2.1 The issues of the following documents in effect on the date of invitation for bids form a part of this standard.

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**SPECIFICATIONS**

**MIL-G-45653 — Gages, Cylindrical  
Plug and Ring,  
Plain.**

(Copies of specifications should be obtained from the procuring activity or as directed by the contracting officer.)

**OTHER PUBLICATIONS**

**U.S. Department of Commerce, Com-  
mercial Standard CS8, Gage Blanks.**

(Application for copies should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.)

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### 3. DEFINITIONS

3.1 The Federal stock number (FSN) consists of the applicable 7-digit Federal item identification number designed in table I as "FIIN—Gage stock No." prefixed by the Federal supply classification (FSC), "5220".

The Federal stock number shall be utilized in all instances and specified thus: 4 digits, hyphen, 3 digits, hyphen, 4 digits.

*Example:* 5220-746-5686.

### 4. GENERAL REQUIREMENTS

4.1 *Table I.* Tabulation of design and identification data.

to the applicable figure for each stock number.

4.1.1 Stock numbers are listed in ascending numerical sequence in column B.

4.1.3 Column C lists the maximum component dimension and when applied to the total component tolerance in column D provides the data required for selecting the applicable stock number in column B.

4.1.2 Column A lists the proper reference

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4.1.3.1 When the total component tolerance is not listed, the stock number applicable to the next smaller listed total component tolerance for the maximum component dimension shall be used.

4.1.4 Columns E to G inclusive list the design data for each stock number and, when applied to the figure referenced in column A, provide data required for manufacture and inspection.

4.1.5 Columns B and C list the identification data for each stock number and, when applied to the figure referenced in column A, provide information for proper marking of the gages.

4.1.6 Design data, etc. not specifically covered in this standard shall conform to the latest issue of the documents referenced in paragraph 2 above.

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