

MIL-STD-113A
Change Notice 2
19 August 1960

MILITARY STANDARD

GAGES, RING, PLAIN, 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Superseded page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	6 February 1957
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Superseded page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
2	6 February 1957	2	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
8	6 February 1957	8	8 December 1955

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

4. Destroy previous notice.

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FIGURES

Figure

1. Not go plain ring gage
2. Plain plug acceptance check gage (wire type)
3. Not go plain ring gage
4. Not go plain ring gage (flange type)

TABLES

Table

- I. Tabulation of design and identification data
- II. Listing of gage stock numbers in numerical sequence

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1. SCOPE

1.1 This standard covers pertinent design data and stock numbers for American Gage Design Standard, not go plain ring gages for the inspection of the minimum limits of external diameters that range in size from .059 to 2.510 inches inclusive in increments of .001 inch. Stock numbers are also provided in increments of .0005 inch in sizes ranging from .059 to .8255 inches inclusive for components which have a .0005 inch total component tolerance. The class of gage required is listed in accordance with the total component tolerance.

1.1.1 This standard also covers pertinent design data and stock numbers for the applicable American Gage Design Standard plain plug acceptance check gages for not go plain ring gages up to and including .2505 inch in size.

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. Definitions.

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.)

3. DEFINITIONS

3.1 The Federal stock number (FSN) consists of the applicable seven digit Federal item identification number designated in tables I and II 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: 5220-749-9732).

4. GENERAL REQUIREMENTS

4.1 This standard contains table I and table II. Table I provides tabulated design data required for manufacture and inspection and is arranged in ascending size sequence (see paragraph 1.1 above). Table I is also arranged in ascending numerical sequence according to stock No. (7499000 to 7510033 inclusive), except for 125 stock numbers. Table II is a listing of the 125 stock numbers in ascending numerical sequence and is provided as a finding aid for locating the required design data contained in table I for these stock numbers.

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

4.1.1.1 Stock numbers for each not go plain ring gage and related acceptance check plug gage are listed in columns B and C respectively.

4.1.1.2 Column A lists the proper reference to the applicable figure for each stock number.

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

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

4.1.1.4 Columns F to H 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.

4.1.1.5 Columns B to D inclusive 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.

4.1.1.6 Design data, etc. not specifically

covered in this standard shall conform to the latest issue of the document referenced in paragraph 2 above.

4.1.2 *Table II.* Listing of gage stock numbers in numerical sequence.

4.1.2.1 Stock numbers not listed in ascending numerical sequence in table I are listed in column A.

4.1.2.2 Column B lists the applicable minimum component dimension for each stock number.

4.1.2.3 Column C references the page number in table I where the design and identification data for the applicable stock number may be found.