

MIL-G-8348H

01 January 1994  
AMENDMENT 1

## MILITARY SPECIFICATION

GAGE ASSEMBLIES, AIR PRESSURE, DIAL INDICATING  
CHUCK TYPE, SELF-CONTAINED

This amendment forms a part of Military Specification MIL-G-8348H, dated 15 October 1981, and is approved for use by the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

## PAGE 1

Add to bottom of Page:

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Technology & Industrial Services Division, SA-ALC/TILDD, 485 Quentin Roosevelt Rd, Kelly AFB, TX 78241-6425 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

Para 1.2 Class A - Screw-on chuck add: "Size 5 - 0 to 400 psi indication"

## PAGE 2

Para 2.1 Issues of documents

## Federal

Delete: GG-C-320 Gages, Pressure and Vacuum, Dial Indicating.

## Military

Delete: DOD-D-1000

Substitute: "MIL-T-31000 Technical Data Packages, General Specification For

Delete: MIL-STD 143

Substitute: "MIL-STD 970 Standards and Specifications, Order of Precedence for the Selection of"

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AMSC N/A

FSC 6685

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"2.2 Other publications. The following document(s) form a part of this specification to the extent specified herein. The issue of the documents which are indicated as DoD adopted shall be the issue listed in the current DoDISS and the supplement thereto, if applicable."

Add the following industry standard and source paragraph:

"AMERICAN NATIONAL STANDARD

ANSI/ASME B40.1 Gauge, Pressure Indicating Dial Type, Elastic Element"

ADD: "2.3 Order of precedence. In the event of a conflict between the test of this specification and the references cited herein, the text of this specification shall take precedence."

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Para 3.6.1 Gages. Delete GG-G-76 and substitute "ANSI/ASME B.40.1"

PAGE 5

Para 3.7.2 Stem. Change the fourth sentence to read: "The stem shall have an adequate axial hole and the end with a 0.302-inch diameter shall be properly fitted with a valve core conforming to AN809 for sizes 1, 2 and 5."

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Delete FIGURE 2 and substitute with new FIGURE 2.

PAGE 8

Para 3.7.3 Chuck assembly. Change the last sentence to read: "The chuck body for sizes 1, 2 and 5 shall be brass, and for sizes 3 and 4, stainless steel "

Para 3.7.6 Dial marking add "Size 5 - graduated in 5 - pound increments."

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Para 4.4.4 Delete in its entirety. Bid sample is not require, contractor is responsible for all tests.

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Delete 4.6.6.1 in its entirety and add:

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"4.6.6.1 Classes A and B. Test with gaseous nitrogen utilizing 150 percent of scale range (at 2250 psi) to assure that the pressure integrity of the element is acceptable. The burst shall be accomplished hydrostatically and recorded. The safety of the lens and case shall be tested as specified by MIL-G-18997E, paragraph 4.4.12. The bourdon tube shall be cut or broken and the nitrogen shall be elapsd by a quick-acting ball valve to simulate explosive failure."

Custodian:

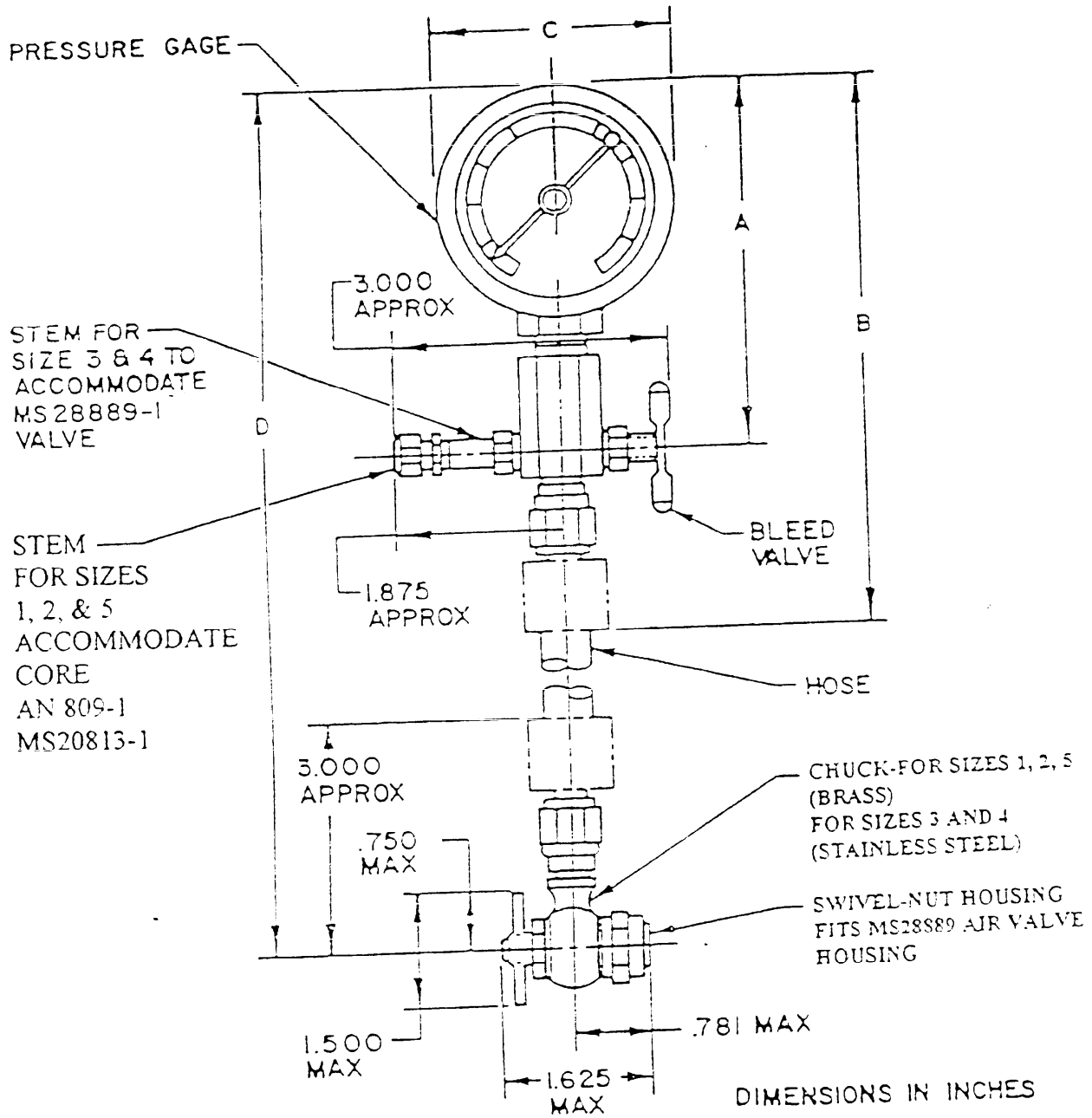
Air Force - 99  
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Preparing activity  
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Review activity:  
DLA - GS

(Project 6685-0900)

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SIZE	PRESSURE GAGE	A APPROX	B MAX	C MAX	D MAX
1	0 TO 3.000 PSI	5-1/2	8	3-1/2	25-3/4
2	0 TO 1.500 PSI	5-1/2	8	3-1/2	25-3/4
3	2.000 TO 5.000 PSI	6-1/4	9	5-2/3	26-1/2
4	0 TO 4.000 PSI	5-1/2	8	3-1/2	25-3/4
5	0 TO 400 PSI	5-1/2	8	3-1/2	25-3/4

FIGURE 2. Class A gage assemblies