

INCH-POUND

MIL-DTL-17376/3A
22 March 2007
SUPERSEDING
MIL-C-17376/3
14 September 1973

DETAIL SPECIFICATION SHEET

CAPS AND FLANGES COMPRESSED-GAS CYLINDER:
FLANGES, HIGH PRESSURE

Reactivated after 22 March 2007 and may be used
for new and existing designs and acquisitions.

This detail specification sheet is approved for use by all departments and agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this detail specification sheet and MIL-DTL-17376, "Caps and Flanges, Compressed-Gas Cylinder, General Specification for".

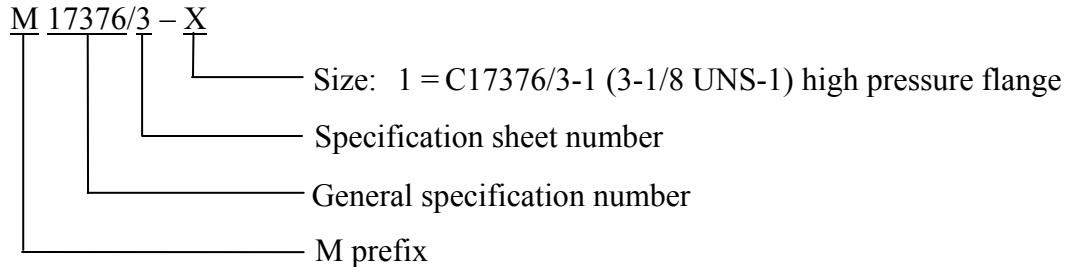
REQUIREMENTS: The compressed-gas cylinder high pressure flange shall be as specified herein and in accordance with figure 1. Figure 1 is a representative neck ring and may be varied provided dimensions of threaded portions are as shown and the dimensions fit the configuration of the cylinder.

1. Material. The steel used shall have a carbon content not greater than 0.25 percent or shall be composition AISI 4130 of SAE-AMS-STD-66, "Steel: Chemical Composition and Hardenability".

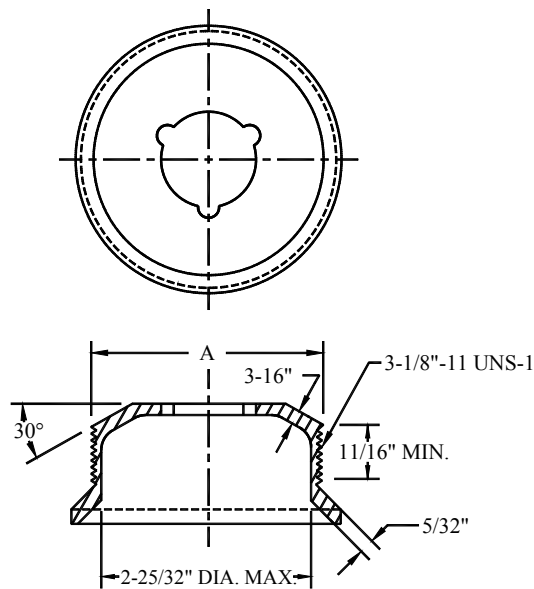
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GENERAL INFORMATION:

1. Part or identification number (PIN). The PIN to be used for high pressure flanges acquired to this detail specification is created as follows:



INTENDED USE: The flanges covered by this specification sheet are intended to provide anchorage on the shoulders of high pressure cylinders for cylinder caps to provide protection for the cylinder valve against damage in storage, handling, and shipping.



Size	Part number	Dimension A
1	C17376/3-1	3-1/8-11 UNS-1

Dimensions in inches.

FIGURE 1. Flange.

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CHANGES FROM PREVIOUS ISSUE: Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army - CR4

Navy - YD

Air Force - 68

Preparing Activity:

DLA - GS7

(Project 8120-2006-004)

Review Activities:

Army - MD

Navy - MC

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST database at <http://assist.daps.dla.mil>.