

**INCH-POUND**

MIL-DTL-17376/1A  
22 March 2007  
SUPERSEDING  
MIL-C-17376/1  
14 September 1973

## DETAIL SPECIFICATION SHEET

### CAPS AND FLANGES, COMPRESSED-GAS CYLINDER: CAPS

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".

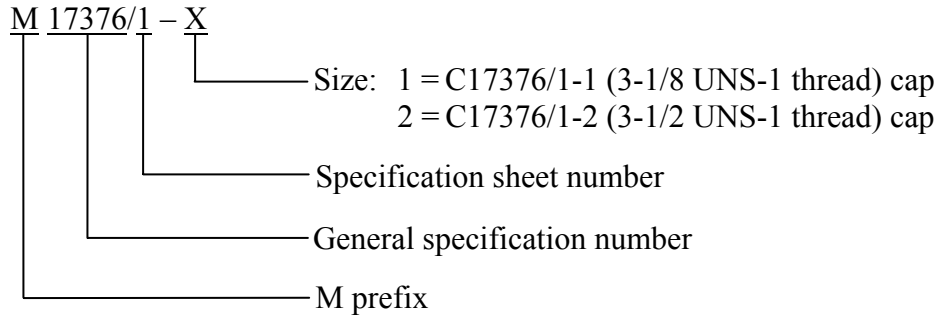
**REQUIREMENTS:** The compressed-gas cylinder cap shall be as specified herein and in accordance with figure 1.

1. **Material.** Steel shall conform to ASTM A 109/A 109M, "Standard Specification for Steel, Strip, Carbon, (0.25 Maximum Percent), Cold-Rolled", temper 3, 4 or 5, ASTM A 1008/A 1008M, "Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution hardened, and Bake Hardened", or ASTM A 1011/A 1011M, "Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength". Malleable iron shall conform to ASTM A 47/A 47M, "Standard Specification for Ferritic Malleable Iron Castings", grade 32510.

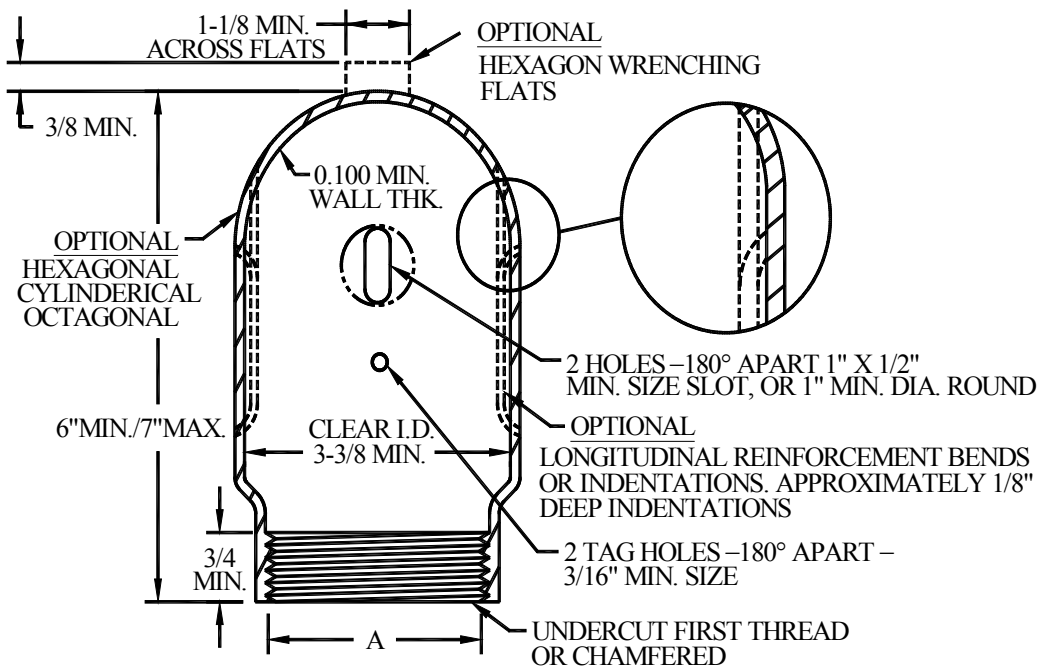
## MIL-DTL-17376/1A

## GENERAL INFORMATION:

1. Part or identification number (PIN). The PINs to be used for caps acquired to this detail specification are created as follows:



INTENDED USE: The cylinder caps covered by the specification sheet and threaded to mated flanges attached to the necks of compressed gas cylinders are intended to afford protection against damage to cylinder valves during handling and transportation. The caps are removable for access to the valves.



Size	Part number	Dimension A
1	C17376/1-1	3-1/8 UNS-1
2	C17376/1-2	3-1/2 UNS-1

Dimensions are in inches.

FIGURE 1. Cap.

MIL-DTL-17376/1A

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 8120-2006-002)

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>.