

INCH-POUND

MIL-DTL-52618/6E
26 January 2012
SUPERSEDING
MIL-DTL-52618/6D
25 November 2002

DETAIL SPECIFICATION SHEET

FITTINGS, PIPE, ALUMINUM-ALLOY THREADED, 150-POUND, CAPS

This specification 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 specification sheet and MIL-DTL-52618.

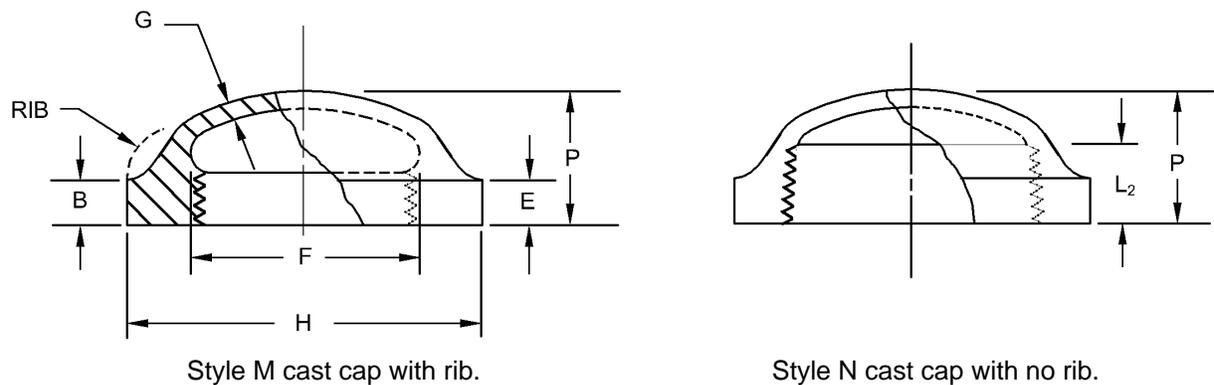


FIGURE 1. Cap.

REQUIREMENTS:

The fittings shall be as specified on figure 1.

The design, dimensions, and tolerances of couplings and street elbows shall be in accordance with ASME B16.3.

Style N dimensions are same as style M dimensions except as specified on figure 1.

Intended use is with water, oil, or air 150 psi (1.03 MPa) max at 72°F (22°C).

Aluminum shall be in accordance with MIL-DTL-52618.

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Configuration designators shall be in accordance with table I.

TABLE I. Configuration code letter for fittings.

Configuration code	Description
M	Cast caps with ribs
N	Cast caps

Size code numbers shall be in accordance with table II.

TABLE II. Size code numbers for fittings.

Size code numbers	Nominal pipe size (inch)
04	1/2
05	3/4
06	1
07	1 - 1/4
08	1 - 1/2
09	2
10	2 - 1/2
11	3
12	3 - 1/2
13	4
14	5
15	6
16	8
17	10
18	12

Pipe threads shall be in accordance with MIL-DTL-52618.

Pipe thread direction code shall be in accordance with table III.

TABLE III. Thread direction code letter.

Thread direction code letter	Thread direction
X	Right-hand
Y	Left-hand
Z	Right- and left-hand

Finish shall be in accordance with MIL-DTL-52618.

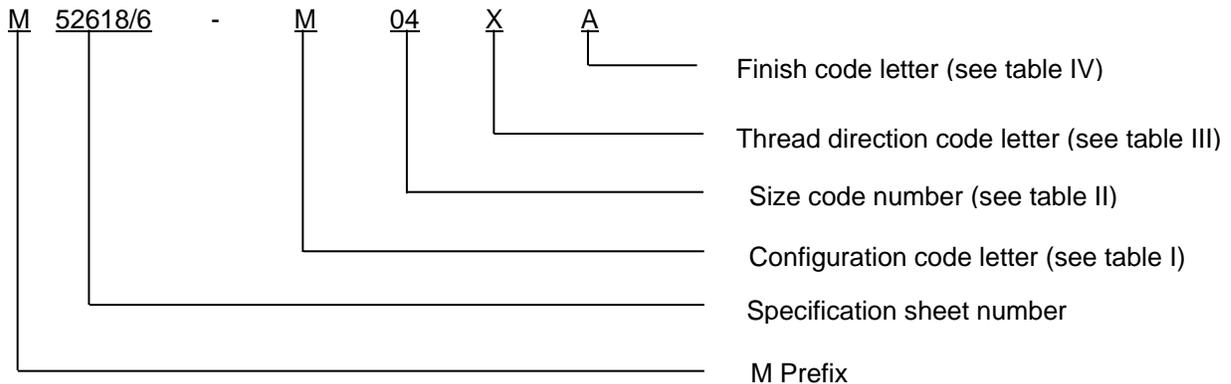
Finish code letter shall be in accordance with table IV.

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TABLE IV. Finish code letter.

Finish code letter	Finish
A	As cast
B	As extruded
C	Anodized

Part or Identifying Numbers (PIN). The PIN consists of the letter M, specification sheet number, a dash, configuration code letter, size code numbers, thread direction code letter and finish code letter. PIN numbers are assigned as follows:



PIN example: M52618/6-M04XA indicates a cast cap with ribs for a 1/2 inch pipe, right hand threads, and finish is “as cast”.

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.

Referenced documents. In addition to MIL-DTL-52618, this document references ASME B16.3.

CONCLUDING MATERIAL

Custodians:

Army - AT
Navy - AS
DLA - CC

Preparing activity:

DLA - CC

Review activities:

Army - CE
Navy - MC, SA

(Project 4730-2012-015)

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 Online database at <https://assist.daps.dla.mil>.