

INCH-POUND
MIL-DTL-52618/2D
25 November 2002
SUPERSEDING
MIL-F-52618/2C (ME)
29 June 1990

DETAIL SPECIFICATION SHEET

FITTINGS, PIPE, ALUMINUM-ALLOY (THREADED) 150-POUND
REDUCERS AND CLOSE AND OPEN PATTERN RETURN BENDS (STRAIGHT SIZES)

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the fittings described herein shall consist of this document and the latest issue of specification MIL-DTL-52618.

REQUIREMENTS:

The fittings shall be as shown in figure I.

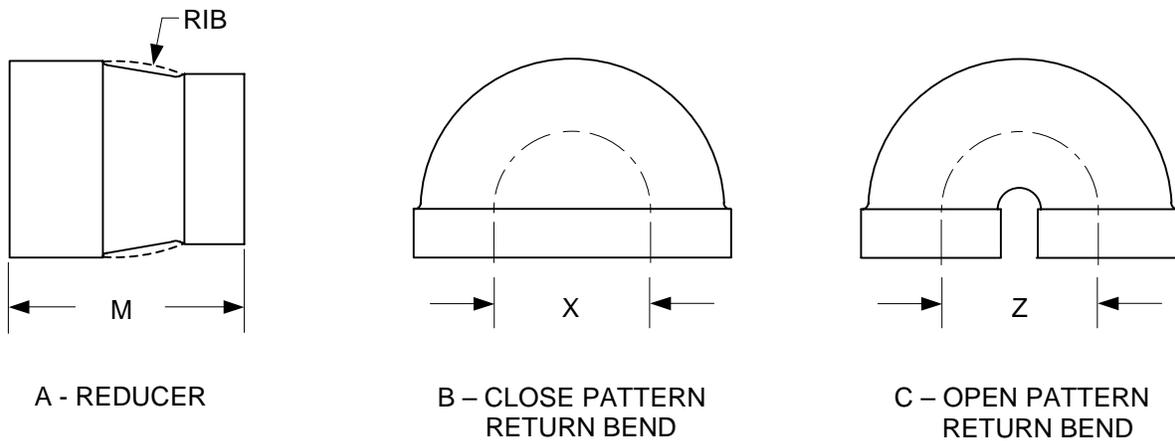


FIGURE I. Reducers, close and open return bends (not to scale).

Part or identifying numbers. The military specification sheet number, configuration code letter, size code numbers, thread direction code letter and finish code letter are combined to form the part or identifying number. PIN numbers are assigned as follows:

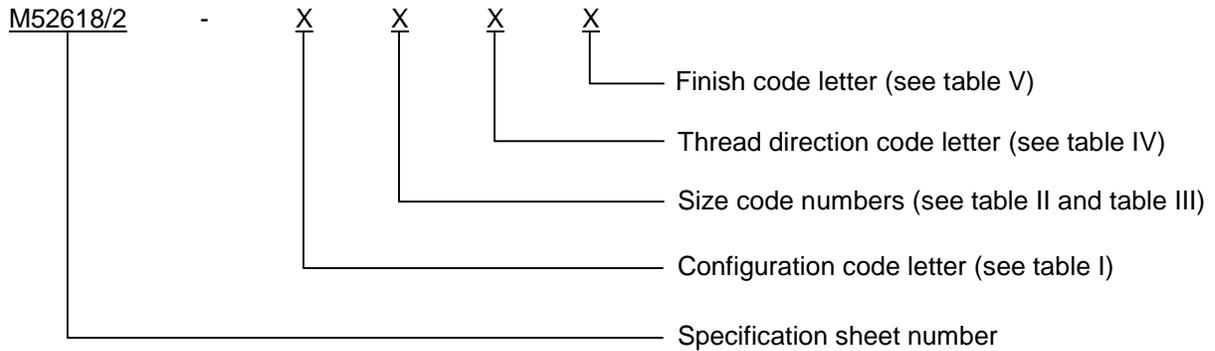


TABLE I. Configuration code letter for fittings.

Description	Configuration code
Reducers	F
Close pattern return bend	G
Open pattern return bend	H

TABLE II. Size code numbers for reducers.

Nominal pipe size (inch) x (inch)	Size code numbers
1/2 x 3/8	24
1/2 x 1/4	25
3/4 x 1/2	26
3/4 x 3/8	27
3/4 x 1/4	28
1 x 3/4	29
1 x 1/2	30
1-1/4 x 1	31
1-1/4 x 3/4	32
1-1/2 x 1-1/4	33
1-1/2 x 1	34
1-1/2 x 3/4	35
2 x 1-1/2	36
2 x 1-1/4	37
2 x 1	38
2-1/2 x 2	39
3 x 2-1/2	40
3 x 2	41
4 x 3	42

TABLE III. Size code numbers for close and open pattern return bends.

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

TABLE IV. Thread direction code letter.

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

TABLE V. Finish code letter.

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

CONCLUDING MATERIAL

Custodians:
 Army – AT
 Navy – AS
 DLA – CC

Preparing activity:
 DLA – CC
 (Project 4730-2229)

Review activities:
 Army – CE
 Navy – SA