

INCH-POUND

MS14306C
 15 December 2009
 SUPERSEDING
 MS14306B
 28 February 1994

DETAIL SPECIFICATION SHEET

FITTINGS, PIPE, BRASS OR BRONZE, THREADED (REDUCERS, CLOSE AND OPEN RETURN BENDS, AND 45-DEG. Y-BRANCHES), CLASS 125

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 WW-P-460.

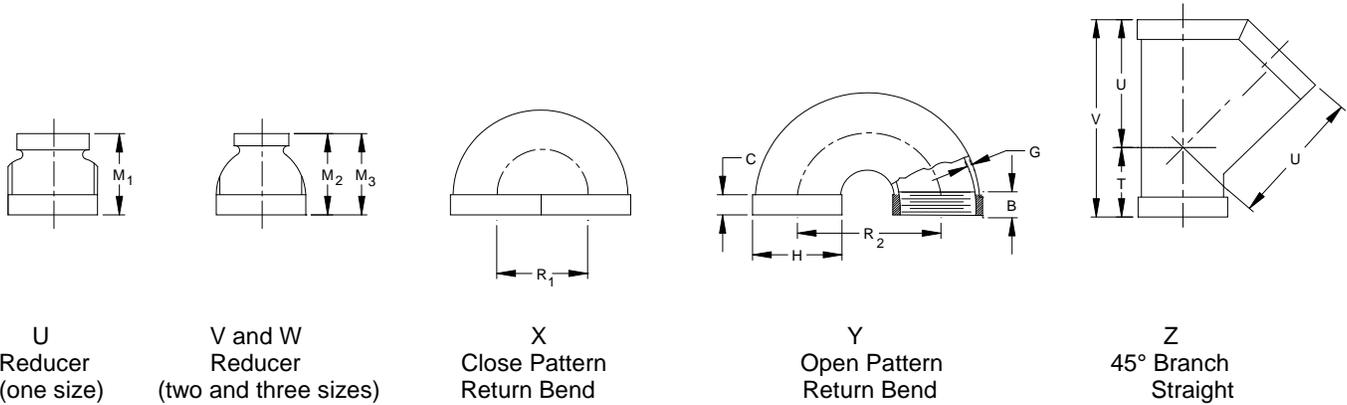


FIGURE 1. Reducers, bends and Y-branch fittings.

MS14306C

Fitting type and size applicability.

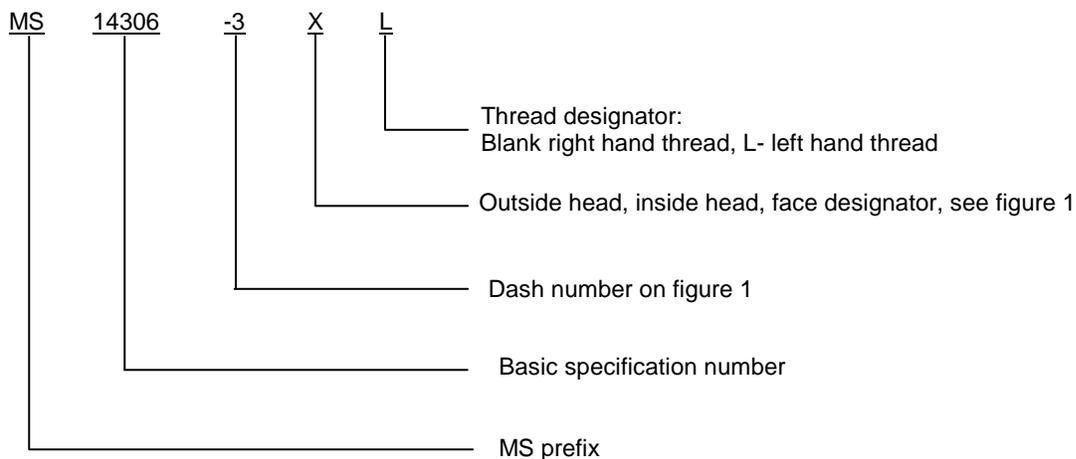
| Dash number | Pipe size | mm | Reducer 1 size U | Reducer 2 sizes V | Reducer 3 sizes W | Close pattern return bend X | Open pattern return bend Y | 45° Y-branch straight Z |
|-------------|---------------|--------|------------------|-------------------|-------------------|-----------------------------|----------------------------|-------------------------|
| - 1 | 1/4 (.250) | 6.35 | X | .... | .... | .... | .... | .... |
| - 2 | 3/8 (.375) | 9.53 | X | X | .... | .... | .... | X |
| - 3 | 1/2 (.500) | 12.70 | X | X | .... | X | X | X |
| - 4 | 3/4 (.750) | 19.05 | X | X | X | X | X | X |
| - 5 | 1 (1.000) | 25.40 | X | X | .... | X | X | X |
| - 6 | 1-1/4 (1.250) | 31.75 | X | X | .... | .... | X | X |
| - 7 | 1-1/2 (1.500) | 38.10 | X | X | X | .... | X | X |
| - 8 | 2 (2.000) | 50.80 | X | X | X | .... | X | X |
| - 9 | 2-1/2 (2.500) | 63.50 | X | .... | .... | .... | .... | .... |
| - 10 | 3 (3.000) | 76.20 | X | X | .... | .... | .... | .... |
| - 11 | 4 (4.000) | 101.60 | X | .... | .... | .... | .... | .... |

NOTES:

1. Metric equivalents are given for information only.
2. Material: Brass or bronze in accordance with ASME-B16.15.
3. Protective Coating: None
4. Dimensions: In accordance with ASME-B16.15, table titled "Dimensions of Reducers, Closed and Open Pattern Return Bends, and 45-deg Y Branches (Straight Sizes) – Class 125".
5. Thread: As specified in ASME-B16.15.
6. Marking: In accordance with ASME-B16.15.
7. Part of Identifying Number (PIN): The MS PIN consists of the MS number, the dash number, and the fitting identification letter(s). When left-hand threads are required, add the letter "L" to the PIN.

FIGURE 1. Reducers, bends and Y-branch fittings – Continued.

PIN:



Examples:

- MS14306 - 5Y represents a 1 NPS open pattern return bend.
MS14306 - BZL represents a 2 NPS 45-deg Y-branch, left-hand threads.

MS14306C

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 WW-P-460, this document references the following:

ASME-B16.15

CONCLUDING MATERIAL

Custodians:

Army - AT
Navy - MC
Air Force - 99
DLA - CC

Preparing activity:

DLA - CC

(Project 4730-2009-004)

Review activities:

Army - AR, CE, EA
Navy - SA, SH, YD
Air Force - 71

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 <http://assist.daps.dla.mil>