

INCH-POUND

MS14305C  
 15 December 2009  
 SUPERSEDING  
 MS14305B  
 28 February 1994

## DETAIL SPECIFICATION SHEET

FITTINGS, PIPE, BRASS OR BRONZE, THREADED  
 (TEES, CROSSES, 45-DEG. ELBOWS, AND COUPLINGS), 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.

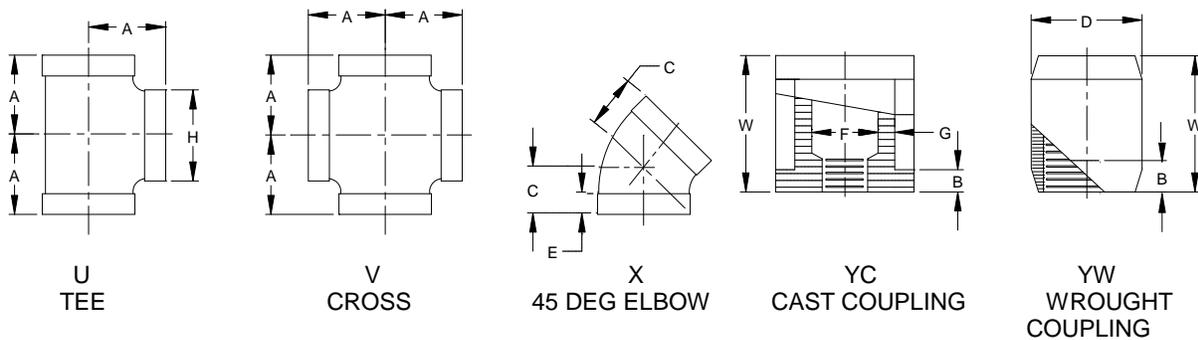


FIGURE 1. Elbows, tees, crosses and coupling fittings.

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Fitting type and size applicability.

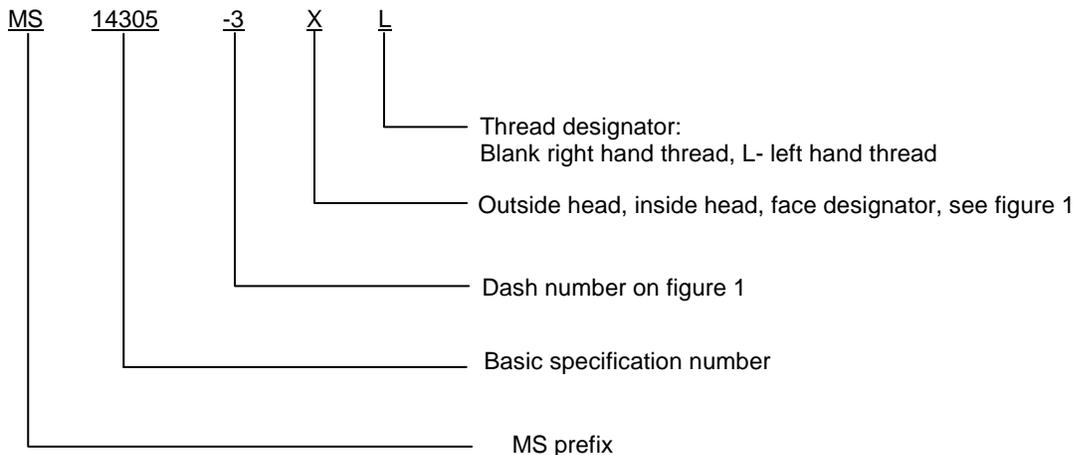
Dash number	Pipe size	mm	Tee U	Cross V	45-Deg elbow	Cast coupling YC	Wrought coupling YW
- 1	1/8 (.125)	3.18	X	X	X	X	X
- 2	1/4 (.250)	6.35	X	X	X	X	X
- 3	3/8 (.375)	9.53	X	X	X	X	X
- 4	1/2 (.500)	12.70	X	X	X	X	X
- 5	3/4 (.750)	19.05	X	X	X	X	X
- 6	1 (1.000)	25.40	X	X	X	X	....
- 7	1-1/4 (1.250)	31.75	X	X	X	X	....
- 8	1-1/2 (1.500)	38.10	X	X	X	X	....
- 9	2 (2.000)	50.80	X	X	X	X	....
- 10	2-1/2 (2.500)	63.50	X	X	X	X	....
- 11	3 (3.000)	76.20	X	X	X	X	....
- 12	4 (4.000)	101.60	X	X	X	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 90-deg Elbows, Tees, Crosses, 45-deg Elbows, and Couplings. (Straight Sizes) – Class 125".
5. Thread: As specified in ASME-B16.15.
6. Marking: In accordance with ASME-B16.15.
7. Part or 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. Elbows, tees, crosses and coupling fittings – Continued.

## PIN:



## Examples:

- MS14305 – 6V represents a 1 NPS cross.  
 MS14305 – 5XL represents a 3/4 NPS 45-deg elbow, left-hand threads.  
 MS14305 – 2YC represents a 1/4 NPS cast coupling.

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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.

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 4730-2009-003)

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>