

FED. SUP CLASS
4730

FIGURE 1

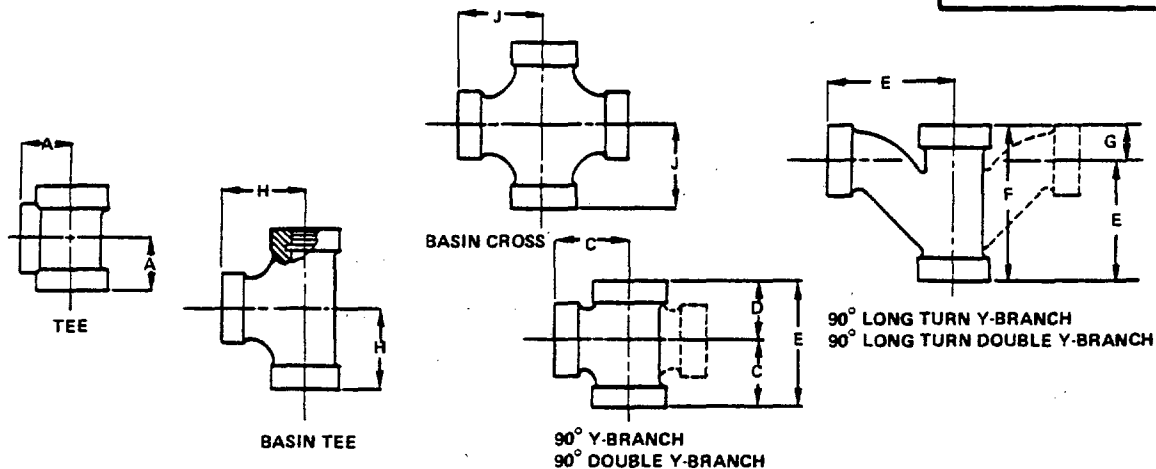


TABLE I. Dimensions.

Nominal Pipe Size	V Center to End of Tee A	W 90 Deg. Short Y-Branch			X 90 Deg. Long Y-Branch			Y Center to End of Basin Tee H	Z Center to End of Basin Cross J
		End to End B	Center to End C	Center to End D	Center to End E	End to End F	Center to End G		
1-1/4	1-3/4	3-3/4	2-1/4	1-1/2	3-5/8	4-3/4	1-1/8	2-5/16	2-5/16
1-1/2	1-15/16	4-1/4	2-1/2	1-3/4	4-1/8	5-3/8	1-1/4	2-11/16	2-11/16
2	2-1/4	5-3/16	3-1/16	2-1/8	5-1/4	7	1-3/4	3-1/2	3-1/2
2-1/2	2-11/16	6-5/16	3-11/16	2-5/8	6-1/4	8-1/4	2	4-1/4	...
3	3-1/16	7-1/4	4-1/4	3	7-1/2	9-7/8	2-3/8
4	3-13/16	8-3/4	5-3/16	3-9/16	9-7/8	13	3-1/8
5	4-1/2	10-5/16	6-1/8	4-3/16	12-1/4	15-3/4	3-1/2
6	5-1/8	11-15/16	7-1/8	4-13/16	14-5/8	18-3/4	4-1/8

NOTES:

- MATERIAL:** Material shall be in accordance with ANSI B16.12.
- COATING:** Coatings shall be in accordance with ANSI B16.12 and shall be uncoated, coated with a bituminous composition or zinc coated as specified by the MS part number.
- DIMENSIONS:** All dimensions are in inches and shall be in accordance with ANSI B16.12. Double Y-branches have the same dimensions as single Y-branches.
- THREADED ENDS:** The threaded ends shall be in accordance with ANSI B16.12. All drainage fittings having openings at 90 degree nominal angle shall be tapped with a pitch of 1/4 inch in one foot with the pitch in the direction shown in ANSI B16.12.
- GENERAL:**
 - Referenced documents shall be of the issue in effect on date of invitations for bid or request for proposal.
 - For design feature purposes, this standard takes precedence over procurement documents referenced herein.
 - The U.S. Government has a Federal Supply Cataloging System which establishes approved item names to catalog and standardized items used within the government. The Federal Supply Cataloging System's approved item name may not be the same name that is used in commercial or industrial organizations. Therefore, the government name and equivalent commercial name are listed here for fittings on this MS.

DENOTES CHANGES

P.A NAVY-YD Other Cust ARMY-ME (A)	International Interest	TITLE TEES, Y-BRANCHES, CROSSES, CAST-IRON THREADED DRAINAGE	MILITARY STANDARD MS90523
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REVISED 11 January 1983

APPROVED 31 October 1972

User activities: Army - CE
Navy - MC
Air Force - 99Review activities: Army -
Navy -
Air Force -
DLACS

Fed. Gov. Nomenclature	Commercial Nomenclature
Tee-Y, drainage pipe (short turn double style)	90 degree short double Y-branch
Tee-Y, drainage pipe (long turn double style)	90 degree long double Y-branch
Tee, drainage pipe	tee
Tee-Y, drainage pipe (short turn style)	90 degree short Y-branch
Tee-Y, drainage pipe (long turn style)	90 degree long Y-branch
Tee, drainage pipe	basin tee
Cross, pipe	basin cross

6. **PART NUMBER.** The MS part number is formed by combining the MS number with a dash after it, the size code number, the fitting style letter, and the coating identification number.

MS 90523 - X X X

Size code number (see note 7) _____
 Fitting style letter (see note 8) _____
 Coating identification number (see note 9) _____

7. **SIZE:** The nominal pipe size is designated by a digit (see table II).

TABLE II. Code Number to Size.

Code Number	Nominal Pipe Size	Code Number	Nominal Pipe Size
1	1 1/4 inch	5	3 inch
2	1 1/2 inch	6	4 inch
3	2 inch	7	5 inch
4	2 1/2 inch	8	6 inch

8. **FITTING STYLE:** The style of the fitting is designated by a single letter (see table III).

TABLE III. Code Letter to Fitting Style.

Code Letter	Fitting Style
R	90 degree double Y-branch
T	90 degree long turn double Y-branch
V	tee
W	90 degree Y-branch
X	90 degree long turn Y-branch
Y	basin tee
Z	basin cross

9. **COATING:** The type of coating is designated by a digit (see table IV).

TABLE IV. Code Number to Coating.

Code Number	Coating
1	Uncoated
2	Bituminous composition
3	Zinc coated

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