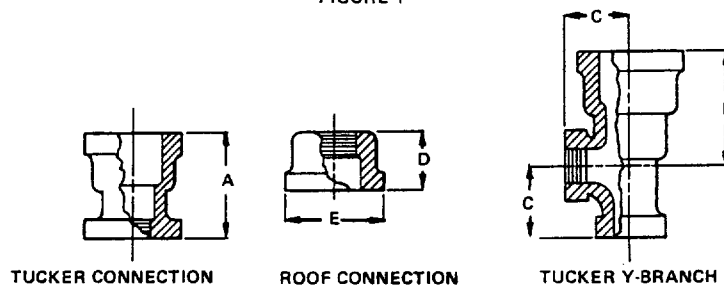


FIGURE 1



(A) TABLE I. Dimensions.

Nominal Pipe Size	Length A	Center Tucker End B	Center To Threaded End C	Length D	Width E
1-1/4	3-3/4	3-15/16	2-1/4	...	...
1-1/2	4	4-1/4	2-1/2	...	2-7/8
2	4-1/2	4-11/16	3-1/16	3-13/16	2-1/2
3	4-3/4	5-3/8	4-1/4	4-15/16	3
4	7	...	...	6	3
5	7	...	...
6	7	...	...

(A) NOTES:

- MATERIAL:** Material shall be in accordance with ANSI B16.12.
- COATINGS:** 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 AND DESIGN:**
 - All dimensions are in inches and shall be in accordance with ANSI B16.12.
 - A Tucker connection of 2 inch nominal pipe size may be made of malleable iron having a diameter to fit within a nominal 4 inch building wall.
 - Tucker connections of 4, 5, and 6 inch nominal pipe size are provided with loose rings to slip into hubs over wrought pipe. Other sizes may be provided with loose rings at the option of the manufacturer.
 - Roof connections are not made to standard dimensions except for the thread which may be either straight or tapered pipe threads as stated in ANSI B16.12.
- THREADED ENDS:** The threaded ends shall be in accordance with ANSI B16.12. All drainage fittings having openings at a 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:**
 - The hubs on Tucker connections, roof connections, and Tucker Y-branches are designed to be used with wrought iron and steel pipe of the nominal pipe size.
 - Referenced documents shall be of the issue in effect on date of invitations for bid or requests for proposal.
 - For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- 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.

(A) DENOTES CHANGES

P.A. NAVY-YD Other Cust ARMY-ME (A)	International Interest	TITLE Y-BRANCH, TUCKER AND ROOF CONNECTIONS, CAST-IRON THREADED DRAINAGE	MILITARY STANDARD
			MS90527
Procurement Specification ANSI B16.12 (A)		SUPERSEDES: MS90527	PAGE 1 OF 2

(A) User activities: Army - CE
Navy - MC
Air Force - 99

(A) Review activities: Army -
Navy -
Air Force -
DLACS

REVISED (A) 11 January 1983

APPROVED 31 October 1972

MS 90527 - 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	4 inch
2	1 1/2 inch	6	5 inch
3	2 inch	7	6 inch
4	3 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
X	Tucker connection
Y	Roof connection
Z	Tucker Y-branch

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

APPROVED 31 October 1972
 REVISED 11 January 1983

P.A. NAVY-YD Other: Cust ARMY-ME (A)	International Interest	TITLE Y-BRANCH, TUCKER AND ROOF CONNECTIONS, CAST-IRON THREADED DRAINAGE	MILITARY STANDARD MS90527
Procurement Specification ANSI B16.12 (A)		SUPERSEDES: MS90527	PAGE 2 OF 2