

CAST IRON DRAINAGE FITTINGS



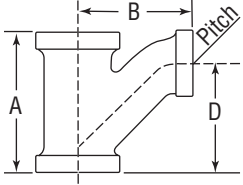
 FIGURE 731* 90° Reducing Long Turn Y-Branch Tee Pattern	Size		A		B		D		Unit Weight	
	NPS	DN	in	mm	in	mm	in	mm	Black	
									lbs	kg
 	2 x 2 x 1½ 50 x 50 x 40		5¾	146	4¾	111	4⅞	113	5.23	2.37

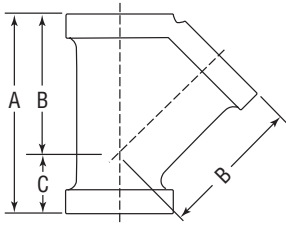
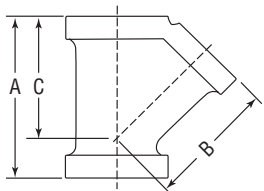
 FIGURE 734 45° Y-Branch	Size		A		B		C		Unit Weight			
	NPS	DN	in	mm	in	mm	in	mm	Black		Galv.	
									lbs	kg	lbs	kg
 	1½	40	5½	140	3⅝	92	1⅞	48	4.03	1.83	4.03	1.83
	2	50	6½	165	4¾	111	2⅞	54	5.56	2.52	5.56	2.52
	3	80	9	229	6¾	157	2⅞	71	12.00	5.44	12.00	5.44
	4	100	10⅞	276	7⅞	195	3⅞	81	24.51	11.12	24.51	11.12

 FIGURE 735 45° Reducing Y-Branch	Size		A		B		C		Unit Weight			
	NPS	DN	in	mm	in	mm	in	mm	Black		Galv.	
									lbs	kg	lbs	kg
 	2 x 2 x 1½ 50 x 50 x 40		5⅞	149	4⅞	105	4⅞	103	4.83	2.19	4.83	2.19
	4 x 4 x 3 100 x 100 x 80		9¼	235	7⅞	183	6⅞	175	20.63	9.36	—	—

*Inlets tapped, pitched .25" (6mm) to the foot. Inlets of reducing fittings are always the smallest openings.

Note: See following page for pressure-temperature ratings.

PROJECT INFORMATION		APPROVAL STAMP	
Project:		☐ Approved	
Address:		☐ Approved as noted	
Contractor:		☐ Not approved	
Engineer:		Remarks:	
Submittal Date:			
Notes 1:			
Notes 2:			



Anvil drainage fittings have sufficient sweep to allow free unobstructed flow. They are made with a shoulder of the same diameter as the inside of the pipe, in accordance with ASME B16.12, Type 1. Thus, continuous passage is created when the pipe is screwed to the shoulder, leaving no place for solid matter to collect and clog in the pipe.

Coated drainage fittings are available upon special order request with hot dip galvanized finish (see listed sizes).

Drainage fittings with 90° bends are normally provided tapped with pitch of $\frac{1}{4}$ inch to the foot in accordance with ASME B16.12.

NOTE: UNPITCHED 90° fittings are POA only.

Standards and Specifications				
Dimensions	Material	Galvanizing*	Thread	Pressure Rating
CAST IRON DRAINAGE THREADED FITTINGS				
ASME B16.12, Type 1	ASTM A-126 (A)	ASTM A-153	ASME B1.20.1	ASME B16.12

* ASTM B 633, Type I, SC 4, may be supplied as alternate zinc coating per applicable ASME B16 product standard.

General Assembly of Threaded Fittings

- 1) Inspect both male and female components prior to assembly.
 - Threads should be free from mechanical damage, dirt, chips and excess cutting oil.
 - Clean or replace components as necessary.
- 2) Application of thread sealant
 - Use a thread sealant that is fast drying, sets-up to a semi hard condition and is vibration resistant. Alternately, an anaerobic sealant may be utilized.
 - Thoroughly mix the thread sealant prior to application.
 - Apply a thick even coat to the male threads only. Best application is achieved with a brush stiff enough to force sealant down to the root of the threads.
- 3) Joint Makeup
 - For sizes up to and including 2" pipe, wrench tight makeup is considered three full turns past handtight. Handtight engagement for $\frac{1}{2}$ " through 2" thread varies from $4\frac{1}{2}$ turns to 5 turns.
 - For $2\frac{1}{2}$ " through 4" sizes, wrench tight makeup is considered two full turns past handtight. Handtight engagement for $2\frac{1}{2}$ " through 4" thread varies from $5\frac{1}{2}$ turns to $6\frac{3}{4}$ turns.