

Y-Branches

Fig. 731 90° Reducing Long Turn Y-Branch Tee Pattern

Fig. 734 45° Y-Branch

Fig. 735 45° Reducing Y-Branch



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 ¼ inch to the foot in accordance with ASME B16.12.

Note: UNPITCHED 90° fittings are POA only.

See following page for standards and specifications.



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

Y-Branches Fig. 731, 734, 735



Standards and Specifications

Dimensions	Material	Galvanizing*	Thread	Pressure Rating
ASME B16.12, Type 1	ASTM A126 (A)	ASTM A153	ASME B1.20.1	ASME B16.12

Note:

* ASTM B633, 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

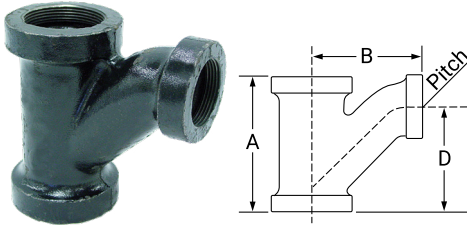
- For sizes up to and including 2" pipe, wrench tight makeup is considered three full turns past handtight. Handtight engagement for ½" through 2" thread varies from 4½ turns to 5 turns.
- For 2½" through 4" sizes, wrench tight makeup is considered two full turns past handtight. Handtight engagement for 2½" through 4" thread varies from 5½ turns to 6¾ turns.



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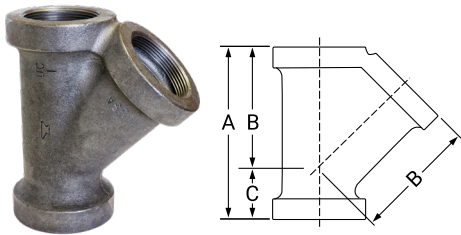
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Fig. 731*
90° Reducing Long Turn
Y-Branch Tee Pattern



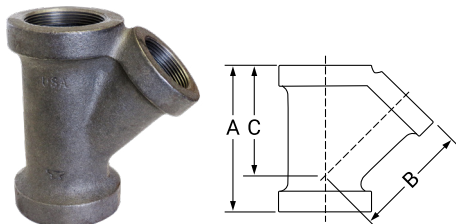
Size	A	B	D	Unit Weight	
				Black	
NPS/DN	In./mm	In./mm	In./mm	Lbs./kg	
2 x 2 x 1½ 50 x 50 x 40	5¾ 146	4¾ 111	47/16 113	5.23 2.37	

Fig. 734
45° Y-Branch



Size	A	B	C	Unit Weight	
				Black	Galvanized
NPS/DN	In./mm	In./mm	In./mm	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

Fig. 735
45° Reducing Y-Branch



Size	A	B	C	Unit Weight	
				Black	Galvanized
NPS/DN	In./mm	In./mm	In./mm	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	7¾ 183	6⅞ 175	20.63 9.36	— —

Note:

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

See first page for pressure-temperature ratings.



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