

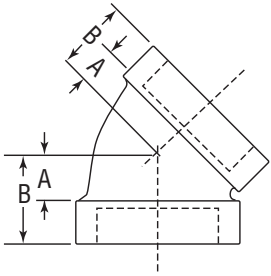


# CAST IRON THREADED FITTINGS



## Class 125 (Standard)

<input type="checkbox"/> <b>FIGURE 356 (Straight)</b> <input type="checkbox"/> <b>FIGURE 356R (Reducing)</b> <b>45° Elbow</b>	Size		A		B		Unit Weight					
	NPS	DN	in	mm	in	mm	lbs	kg				
							Black					
 <b>FIGURE 356 (Straight)</b>   <b>Figure 356R (Reducing)</b>  	1/4	8	7/16	11	3/4	19	0.16	0.07				
	3/8	10	7/16	11	13/16	22	0.23	0.10				
	1/2	15	7/16	11	7/8	22	0.37	0.17				
	3/4	20	1/2	13	1	25	0.55	0.25				
	1	25	9/16	14	1 1/8	29	0.83	0.38				
	1 1/4	32	5/8	16	1 1/4	32	1.33	0.60				
	1 1/2	40	13/16	22	1 7/16	37	1.79	0.81				
	2	50	1	25	1 11/16	43	2.89	1.31				
	2 1/2	65	1 1/16	27	1 15/16	49	4.29	1.95				
	3	80	1 3/16	30	2 3/16	56	6.44	2.92				
	3 1/2	90	1 3/8	35	2 3/8	60	8.42	3.82				
	4	100	1 9/16	40	2 5/8	67	10.64	4.83				
	6	150	2 3/16	56	3 7/16	87	26.02	11.80				
	8	200	2 7/8	73	4 1/4	108	50.17	22.75				
		<b>Size</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>Unit Weight</b>				
							<b>Black</b>					
	NPS	DN	in	mm	in	mm	in	mm	lbs	kg		
	1 x 1/2	25 x 15	1/2	15	7/8	22	1 1/16	27	1 5/16	33	0.95	0.43

Note: See following page for pressure-temperature ratings.

PROJECT INFORMATION		APPROVAL STAMP
Project:		<input type="checkbox"/> Approved
Address:		<input type="checkbox"/> Approved as noted
Contractor:		<input type="checkbox"/> Not approved
Engineer:		Remarks:
Submittal Date:		
Notes 1:		
Notes 2:		

# CAST IRON THREADED FITTINGS



Anvil standard and extra heavy cast iron threaded fittings are manufactured in accordance with ASME B16.4. Plugs and bushings are manufactured in accordance with ASME B16.14.

**NOTE:** Figure 367 Concentric Reducers do not meet the overall length requirement of ASME B16.4. All other dimensions are in compliance.



For Listings/Approval Details and Limitations, visit our website at [www.anvilintl.com](http://www.anvilintl.com) or contact an Anvil Sales Representative.

## Cast Iron Threaded Fittings Pressure - Temperature Ratings

Temperature		Pressure			
		Class 125		Class 250	
(°F)	(°C)	psi	bar	psi	bar
-20° to 150°	-28.9 to 65.6	175	12.1	400	27.6
200°	93.3	165	11.4	370	25.5
250°	121.1	150	10.3	340	23.4
300°	148.9	140	9.7	310	21.4
350°	176.7	125	8.6	300	20.7
400°	204.4	-	-	250	17.2

## Standards and Specifications

	Dimensions	Material	Galvanizing*	Thread	Pressure Rating
<b>CAST IRON THREADED FITTINGS</b>					
Class 125	ASME B16.4	ASTM A-126 (A)	ASTM A-153	ASME B1.20.1	ASME B16.4
Class 250	ASME B16.4	ASTM A-126 (A)	ASTM A-153	ASME B1.20.1	ASME B16.4
<b>CAST IRON PLUGS AND BUSHINGS</b>					
	ASME B16.14	ASTM A-126 (A)	ASTM A-153	ASME B1.20.1	ASME B16.14

\* 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 1/2" through 2" thread varies from 4 1/2 turns to 5 turns.
  - For 2 1/2" through 4" sizes, wrench tight makeup is considered two full turns past handtight. Handtight engagement for 2 1/2" through 4" thread varies from 5 1/2 turns to 6 3/4 turns.