



Product Description

The *Shurjoint* 800 series includes a complete line of ductile iron threaded fittings in a wide variety of configurations in sizes from 1/2" to 2-1/2". These fittings are all 100% air tested underwater and are rated for 300 psi(CWP). The 800 series fittings are UL, ULC listed and FM approved making them the ideal threaded fitting for fire protection and other applications.



Materials: Ductile iron ASTM A536 Gr. 65-45-12.
 Max. Working Pressure: (UL, ULC listed/FM approved): 300psi (CWP)
 General Dimension: ANSI 16.3 class 150*
 Threads: NPT or BSPT
 Finish: Black, hot dip galvanized or electro-zinc plated.

* Except bushing & plugs (B16.14), unions (B16.39 Class 150) & companion flanges (B16.42 Class 150).

Rated Working Pressures

Pressure-temperature ratings are as follows: Unit: Inch

Temperature Degree (°F)	Working Pressures, Non-Shock (PSIG)	
	Class 150 Flanged Fittings	Class 300 Threaded Fittings
-20 to 100	275	500
150	255	500
200	240	480
250	225	460
300	210	440
350	195	420
400	180	400
450	165	380
500	150	360
550	140	340
600	130	320
650	120	300

Brass to iron seat unions have a maximum temperature of 450° in accordance with the ASME Boiler Code ratings on brass seat materials.



Sprinkler Hubs (See page 7)

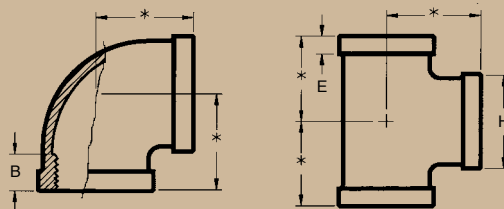


End-All (see page 6)

Note - Installers who have not used ductile iron threaded fittings before should be instructed that the fittings are stronger than the pipe in most cases. In general ductile iron fittings require about a one-half turn less than cast iron fittings. For more information, please refer to the installation instructions on page 8.

General Specifications and Dimensions

These dimensions apply to all standard fittings, both straight and reducing. For center-to-face dimensions(*), see fitting tables.



General Dimensions

Unit: Inch

Pipe Size	O.D. of Band (H)	Width of Band (E)	Thread Length (min.) (B)
1/2"	1.20	0.25	0.43
3/4"	1.46	0.27	0.50
1"	1.77	0.30	0.58
1-1/4"	2.15	0.34	0.67
1-1/2"	2.43	0.37	0.70
2"	2.96	0.42	0.75
2-1/2"	3.59	0.48	0.92