Malleable Specifications

MALLEABLE THREADED FITTINGS

Standard Class 150 Specifications:
Federal Spec. WWP 521
Pressure Ratings: 150 p.s.i. – Saturated Steam
300 p.s.i. – At 150 degrees W.O.G.
U.L. Listed Where Applicable

Extra Heavy Class 300 Specifications:
A.S.T.M. A197, Material, A153, Galvanizing
Pressure Ratings: 300 p.s.i. – Saturated Steam
1/4” – 1” – 2000 p.s.i. – At 150 Degrees W.O.G.
1 1/4” – 2” – 1500 p.s.i. – At 150 Degrees W.O.G.
2 1/2” – 3” – 1000 p.s.i. – At 150 Degrees W.O.G.
U.L. Listed Where Applicable

Union Specifications: (Brass to Brass, Brass to Iron, Iron to Iron,
Gasket Type, Dielectric Iron to Brass)
Federal Spec. WW-U-531
Pressure Ratings: Class 150 – 150 p.s.i. – Saturated Steam
300 p.s.i. – At 150 Degrees W.O.G.
Class 250 – 250 p.s.i. – Saturated Steam
500 p.s.i. – At 150 Degrees W.O.G.
Class 300 – 300 p.s.i. – Saturated Steam
600 p.s.i. – At 150 Degrees W.O.G.
U.L. Listed Where Applicable
## Cast Iron Specifications

### CAST IRON FITTINGS

#### Standard Class 125 Specifications:
- **Pressure Ratings**: 125 p.s.i. – Saturated Steam
  
  300 p.s.i. – At 150 degrees W.O.G.

  **Federal Spec**: WW-P-501

  U.L. Listed Where Applicable

#### Plug and Bushing Specifications:
- **Pressure Ratings (Mall.)**: 125 p.s.i. – Saturated Steam
  
  300 p.s.i. – At 150 degrees W.O.G.

  **Federal Spec**: WW-P-471

  U.L. Listed Where Applicable

- **Pressure Rating (Cast)**: 125 p.s.i. – Saturated Steam
  
  175 p.s.i. – At 150 Degrees W.O.G.

#### Drainage Fitting Specifications:

  **Federal Spec**: WW-P-941

#### Cast-Iron Flange Specifications:
- **Pressure Ratings**: 125 p.s.i. – Saturated Steam
  
  175 p.s.i. – At 150 degrees W.O.G.

  **Federal Spec**: WW-F-406

  U.L. Listed Where Applicable

#### Cast-Iron Flanged Fitting Specifications:
- ANSI B16.1, Dimensions, Pressure Rating.
- A.S.T.M. A126 Class B Material,

  **Pressure Ratings**: 125 p.s.i. – Saturated Steam

  175 p.s.i. – At 150 degrees W.O.G.

  **Federal Spec**: WW-F-406

  U.L. Listed Where Applicable
Malleable, Cast Iron, Forged Steel, and Nipple standards & specifications.

## Standards and Specifications

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*The Standard
**Compliance with Dimensions and Material Only
"+" ANSI B.1.20.1 was ANSI B2.1
Nipple Specifications

Steel Pipe
NIPPLES

SPECIFICATIONS

MATERIALS:
Manufactured in accordance with ASTM Standard Specification A733 -
Welded and seamless carbon steel and austenitic stainless steel pipe
nipples.
Paragraph 1.1.1 welded carbon steel nipples and 1.1.2 seamless carbon
steel nipples.

FINISHES
Anvil steel nipples are available in black, electro galvanized or hot-dipped
galvanized finishes. Please specify finish required when ordering.

THREADS
Anvil pipe nipples are threaded on both ends with standard tapered pipe
threads conforming to the American Standard for Pipe Threads A.N.S.I.
B1.20.1.
Threads are right hand on each end unless otherwise specified. Left
hand threads or plain ends or combinations are available.

SPECIAL LENGTHS
Anvil can supply special lengths, special threading and special
finishes to order.

LENGTH
Nipples with lengths up through 12 in. long have a length tolerance
of +/- 1/10 in. Nipples over 12 in. long have a tolerance of +/- 1/8.

IDENTIFICATION
Where possible, each Anvil seamless pipe nipple is identified with
The anvil trademark
Seamless designation “SMLS”
Pipe schedule STD, XS,
SCH160 and XXS.
Material designation A106 B