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Standard Specification for High-Silicon Iron Pipe and Fittings[1]

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This standard has been approved for use by agencies of the Department of Defense.

1. Scope

1.1 This specification covers high-silicon iron pipe and pipe fittings intended for corrosion-resistant service for both above- and below-grade construction.

1.2 Pipe and pipe fittings shall be the no-hub (MJ) or the hub and plain end design.

1.3 Pipe and pipe fittings shall be of the sizes specified in Table 1 and Table 2 and Figs. 1-71 or other sizes that shall be permitted to conform to the requirements given herein.

1.3.1 *Pipe*:

1.3.1.1 *No-hub (MJ) (Fig. 1)*:

Size (in.)	Length (ft)
1½	7
2	7
3	7
4	7

1.3.1.2 *Hub/Plain End (Fig. 35)*:

Size (in.)	Length (ft)
2	7
3	7
4	7
6	7
8	7
10	5
12	5
15	5

1.3.2 *Fitting (No-hub) (MJ)*:

	Figs.
Quarter Bends	2
Sixth Bends	3
Return Bends	4
Double-Branch Quarter Bend	5
Eighth Bends	6
Sixteenth Bends	7
Long-Sweep Quarter Bends	8
Sanitary Y Branches	9
Double-Branch Sanitary Y	10
Sanitary Combination Y and ⅛ Bend	11
Double-Branch Sanitary Combination Y and ⅛ Bend	12
Sanitary T Branches	13
Double Branch Sanitary T	14
Sanitary Running Traps	15
Sanitary P Traps	16
Swivel Trap P-Style Short	17
Swivel Trap P-Style Long	18
Swivel Trap S-Style Long	19
Centrifugal Drum Trap P Swivel Type	20
Centrifugal Drum Trap S Swivel Type	21
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(MJ) (No-hub) to Lead Adapter	33
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1.3.3 *Fitting (Hub/Plain End)*:

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Double-Branch Sanitary Combination Y and ⅛ Bend (T-Y)	41
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Sanitary Combination Y and ⅛ Bend (T-Y)	44
Quarter Bends	45
Sixth Bends	46
Eighth Bends	47
Sixteenth Bends	48
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Sanitary Reducers	51
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[1] This specification is under the jurisdiction of ASTM Committee A04 on Iron Castings and is the direct responsibility of Subcommittee A04.12 on Pipes and Tubes.

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