AMERICAN STANDARD MALLEABLE IRON PIPE FITTING-UNION WITH BRASS SEAT

Type：342 **Doc No: DS-101-342-01-E**

1.0 PRODUCT OVERVIEW

Union with brass seat is a kind of pipe fitting with NPT thread, which connects two pipes with the same nominal diameter and makes the pipeline parallel and easy to install and disassemble.

Dimensions:

1/8”(DN6)-6”(DN150)

Design Standard:

ASME B16.3

Connection Standard:

ANSI/ASME B 1.20.1

Working Pressure:

300PSI

Application:

The malleable iron fitting- Union with brass seat is mainly applied to medium and low pressure pipeline systems for water supply and drainage, fire protection, air conditioning, etc. with a nominal pressure of 300 PSI. The operating temperature range is -29 °C-120 °C.

Pipe Material:

Welded and seamlessly rolled steel pipe：
ASME B36.10, ASTM A53-A53M

Surface Treatment：

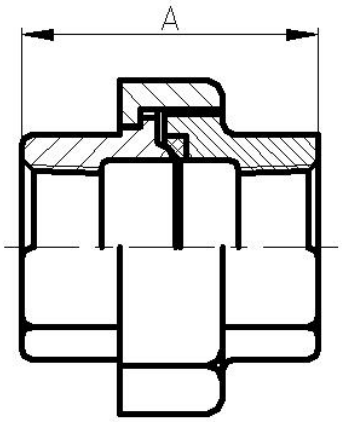
Sign Off:

Owner:_____ Contractor:_____ Engineer: _____
Location:_____ Date:_____ Approved& Date: _____

- ☐ Black
- ☐ Hot-dip galvanizing
- ☐ Electric zinc plating
- ☐ Electric zinc plating base on hot dipped galvanizing
- ☐ Others would be available upon clients' detailed request

2.0 APPROVALS

3.0 DIMENSIONS AND PERFORMANCE



Size	Inch	1/8	1/4	3/8	1/2	3/4	1
	mm	6	8	10	15	20	25
6Dim (mm)	A	32	36.5	41	43.5	49.5	52.5
Size	Inch	11/4	11/2	2	21/2	3	4
	mm	32	40	50	65	80	100
6Dim (mm)	A	57.5	61	70	82	89	98
Size	Inch	6					
	mm	150					
Dim (mm)	A	145					

4.0 REFERENCE MATERIALS

Approved certification for American Standard Malleable Iron Pipe

Sign Off:

Owner:_____ Contractor:_____ Engineer: _____

Location:_____ Date:_____ Approved& Date: _____

Fittings

Sign Off:

Owner:_____ Contractor:_____ Engineer: _____

Location:_____ Date:_____ Approved& Date: _____