

## BS STANDARD MALLEABLE IRON PIPE FITTINGS-UNION

Type: 340

Doc No: DS-102-340-01-E

### 1.0 PRODUCT OVERVIEW

The union is one kind of malleable iron pipe fittings with conical joint, which can connect two pipe joints of the same nominal diameter to make the pipe parallel.



#### Dimensions:

1/8"(DN6)-4"(DN100)

#### Design Standard:

GB/T 3287 EN 10242 DESIGN BY FACTORY

#### Connection Standard:

ISO 7/1 ISO228 GB/T 7306.2 GB/T 7307

#### Working Pressure:

PN16

#### Application:

The union is suitable for medium and low pressure pipeline systems, whose nominal pressure is not exceeding 2.5 MPa and working temperature range is between -20 °C and 120 °C. It is mainly applied in water, oil, air, gas, steam system, etc.

#### Material of Matching Products:

Q195, EN10255

#### Surface Treatment:

##### Sign Off:

Owner: \_\_\_\_\_ Contractor: \_\_\_\_\_

Location: \_\_\_\_\_ Date: \_\_\_\_\_

Engineer: \_\_\_\_\_

Approved & Date: \_\_\_\_\_

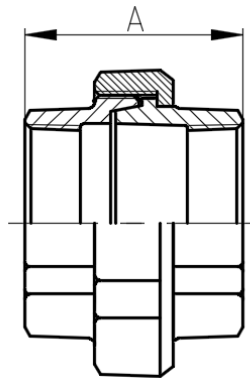
- ☐ Black
- ☐ Hot-dip galvanizing
- ☐ Hot-dip galvanizing+ Electroplated zinc
- ☐ Epoxy power painting
- ☐ Electroplated zinc

## 2.0 APPROVALS



## 3.0 DIMENSIONS AND PERFORMANCE

### Dimensions



NO.	SIZE	A
1	6	38±2.0
2	8	42±2.0
3	10	45±2.0
4	15	48±2.0
5	20	52±2.5

### Sign Off:

Owner: \_\_\_\_\_ Contractor: \_\_\_\_\_ Engineer: \_\_\_\_\_  
 Location: \_\_\_\_\_ Date: \_\_\_\_\_ Approved & Date: \_\_\_\_\_

6	25	58±2.5
7	32	65±2.5
8	40	70±2.5
9	50	78±3.0
10	65	85±3.0
11	80	95±3.0
12	100	100±3.0

## Performance

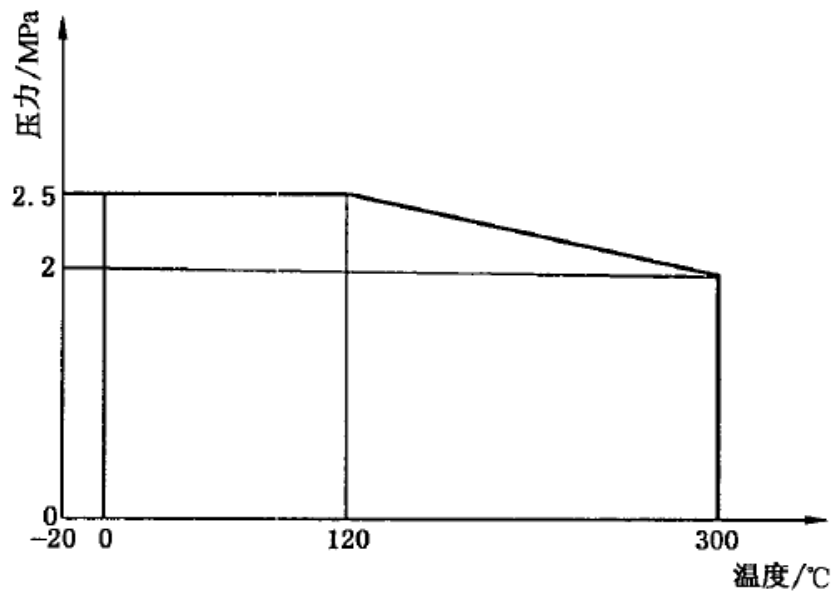
1. All fittings shall comply with the maximum permissible working pressure and temperature range given in the table. The pressure value between 120 °C and 300 °C is determined by linear interpolation. The normal temperature of the pipe is not lower than -20 °C. When used outside the specified pressure and temperature range, it should be negotiated with the manufacturer.

Temperature Range °C	Max Working Pressure MPa
-20-120	2.5
120-300	Interpolated value
300	2

### Sign Off:

Owner: \_\_\_\_\_ Contractor: \_\_\_\_\_  
Location: \_\_\_\_\_ Date: \_\_\_\_\_

Engineer: \_\_\_\_\_  
Approved & Date: \_\_\_\_\_



2. The inside of the pipe fittings shall be able to withstand an air pressure of not less than 0.5 MPa, and the pipe fittings shall be completely immersed in the water tank for visual inspection without leakage.

#### 4.0 REFERENCE MATERIALS

##### Approved certification for Malleable Iron Pipe Fittings

**Sign Off:**

Owner: \_\_\_\_\_ Contractor: \_\_\_\_\_

Location: \_\_\_\_\_ Date: \_\_\_\_\_

Engineer: \_\_\_\_\_

Approved & Date: \_\_\_\_\_