

DUCTILE IRON PIPE FITTING-45° ELBOW

Type: 120

Doc No.: DS-401-120-01-E

1.0 PRODUCT OVERVIEW

The 45° reducing elbow is connecting two pipes with the same dimension, which can change the direction of the pipe to turn 45 degree.



Dimensions:

1/2"(DN15)-6"(DN150)

Design Standard:

ASME B16.3

Connection Standard:

ANSI/ASME B 1.20.1

Working Pressure:

300PSI

Application:

The malleable iron elbow apply to the medium and low pressure pipeline systems with normal working pressure 300 PSI, and the temperature is $-29^{\circ}\text{C}\sim 120^{\circ}\text{C}$, such as water supply and drainage, fire protection, HVAC, etc.

Material of Matching Products:

Welded or seamless rolled steel pipe according to ASTM A53-A53M and ASME B36.10.

Sign Off:

Owner: _____ Contractor: _____

Engineer: _____

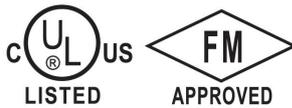
Location: _____ Date: _____

Approved & Date: _____

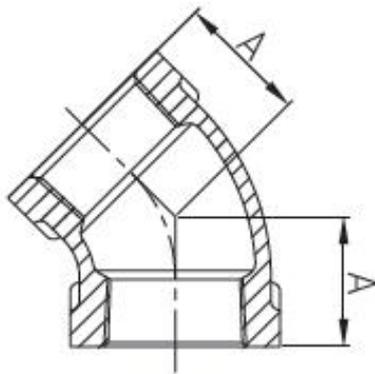
Surface Treatment:

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

2.0 APPROVALS



3.0 DIMENSIONS



Size	Inch	1/2	3/4	1	1 1/4	1 1/2	2
	mm	15	20	25	32	40	50
Dim (mm)	A	22.4	24.9	28.5	32.8	36.3	42.7
Size	Inch	2 1/2	3	6			
	mm	65	80	150			
Dim (mm)	A	49.5	55.1	87.9			

4.0 REFERENCE MATERIALS

Approved certification for Ductile Iron Fittings

Sign Off:

Owner: _____ Contractor: _____
Location: _____ Date: _____

Engineer: _____
Approved & Date: _____