



DI GROOVED FITTINGS-LIGHT-DUTY TEE

Type: TL Doc No:DS-400-TL-01-E

1.0 PRODUCT OVERVIEW

The light-duty tee product is used for grooved pipe connection, mainly in the grooved pipe end where the main pipe needs branch pipe. The diameter of the main pipe and branch pipe is the same.



Dimensions:

2"(DN50)–8"(DN200)

Design Standard:

ISO6182, AWWA C606, GB 5135.11

Connection Standard:

ASME B36.10, ASTM A53-A53M, ISO 4200

Working Pressure:

175PSI-300PSI

Application:

The light-duty tee product is suitable for medium and low pressure pipeline systems with nominal pressure 175-300 PSI, nominal size DN50-DN200, temperature range of - 20 °C-+180°C, which are widely applied in water supply and drainage, fire-fighting, air conditioning, etc.

Pipe Material:



Welded and seamless rolled steel pipes according to ASME B36.10, ASTM A53-A53M, ISO 4200, GB/T 21835

Surface Treatment:

- Electrophoretic painting
- Epoxy power painting
- Hot-dip galvanizing
- Black
- Others would be available upon clients' detailed request

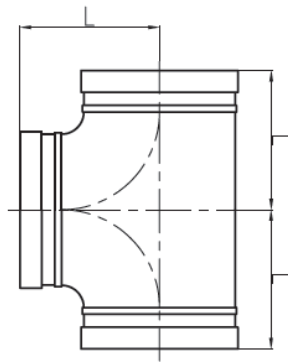
2.0 APPROVALS



3.0 SPECIFICATIONS-MATERIAL

Ductile iron according to ASTM A536, grade 65-45-12. The nodularity is more than 90%, ensuring excellent physical and mechanical properties.

4.0 DIMENSIONS AND PERFORMANCE





Nominal Size	Pipe O.D.	Working Pressure	Dimensions L
mm/in	mm/in	PSI/MPa	mm/in
50	60.3	300	70
2	2.375	2.07	2.75
65	73	300	76
2½	2.875	2.07	3
65	76.1	300	76
2½	3	2.07	3
80	88.9	300	85.5
3	3.5	2.07	3.37
100	108	500	101
4	4.5	3.45	3.98
100	114.3	300	101
4	4.5	2.07	3.98
125	139.7	300	124
5	5.5	2.07	4.88
150	159	300	140
6	6.5	2.07	5.5
150	165.1	300	140
6	6.5	2.07	5.5
150	168.3	300	140
6	6.625	2.07	5.5
200	216.3	300	175
8	8.625	2.07	6.89
200	219.1	300	175
8	8.625	2.07	6.89

5.0 REFERENCE MATERIALS

Approved certification for Grooved Fittings and Couplings

I-JM-Grooved fitting: Installation Instructions for grooved fittings and couplings