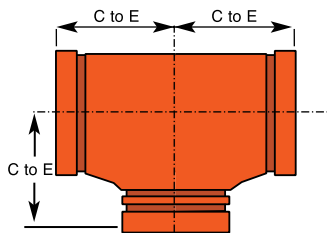


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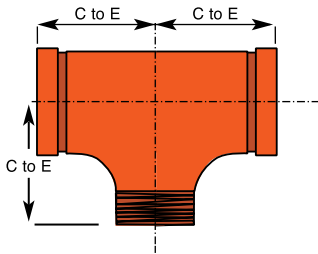
www.gemlockgrooved.com

REDUCER TEE - SHORT PATTERN - STYLE 115

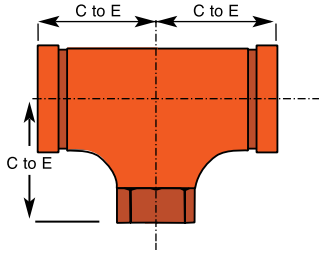
- All fittings are full flow design
- Pressure ratings of fittings tested to an operating pressure of 500 psi
- Made of durable, high-strength ductile iron conforming to ASTM A536; every lot is metallurgically tested for compliance
- Available with hot dipped galvanized coating



Style 115



Style 115TM



Style 115TF

| Reducer Tee - No.115 | | | | | |
|--|--------------|------------------------|-----------------------|--------------|------------------------|
| Add after part number the letters TF for internal or TM for external threaded outlet | | | | | |
| Nominal Size (In.) | C to E (In.) | Approx. Wgt. Ea. (lb.) | Nominal Size (In.) | C to E (In.) | Approx. Wgt. Ea. (lb.) |
| 2 x 2 x 1 1/4 | 2.76 | 2.7 | 6 x 6 x 5 | 5.60 | 30.9 |
| 2 x 2 x 1 1/2 | 2.76 | 2.7 | 6 1/2 x 6 1/2 x 2 | 5.60 | 26.4 |
| 2 1/2 x 2 1/2 x 1 | 3.00 | 4.8 | 6 1/2 x 6 1/2 x 2 1/2 | 5.60 | 26.5 |
| 2 1/2 x 2 1/2 x 1 1/4 | 3.00 | 4.8 | 6 1/2 x 6 1/2 x 3 | 5.60 | 24.0 |
| 2 1/2 x 2 1/2 x 1 1/2 | 3.00 | 5.1 | 6 1/2 x 6 1/2 x 4 | 5.60 | 25.0 |
| 2 1/2 x 2 1/2 x 2 | 3.00 | 5.1 | 8 x 8 x 1 1/2 | 7.05 | 33.0 |
| 3 x 3 x 1 | 3.38 | 5.8 | 8 x 8 x 2 | 7.05 | 33.5 |
| 3 x 3 x 1 1/4 | 3.38 | 6.4 | 8 x 8 x 2 1/2 | 7.05 | 39.0 |
| 3 x 3 x 1 1/2 | 3.38 | 7.5 | 8 x 8 x 3 | 7.05 | 33.6 |
| 3 x 3 x 2 | 3.38 | 8.4 | 8 x 8 x 4 | 7.05 | 47.4 |
| 3 x 3 x 2 1/2 | 3.38 | 8.6 | 8 x 8 x 5 | 7.05 | 48.3 |
| 4 x 4 x 1 | 4.00 | 7.8 | 8 x 8 x 6 | 7.05 | 49.8 |
| 4 x 4 x 1 1/4 | 4.00 | 9.6 | 8 x 8 x 6 1/2 | 7.05 | 50.5 |
| 4 x 4 x 1 1/2 | 4.00 | 10.2 | 10 x 10 x 2 | 8.46 | 84.9 |
| 4 x 4 x 2 | 4.00 | 10.4 | 10 x 10 x 2 1/2 | 8.46 | 83.8 |
| 4 x 4 x 2 1/2 | 4.00 | 11.4 | 10 x 10 x 3 | 8.46 | 82.7 |
| 4 x 4 x 3 | 4.00 | 11.6 | 10 x 10 x 4 | 8.46 | 79.4 |
| 5 x 5 x 1 1/2 | 4.80 | 14.3 | 10 x 10 x 5 | 8.46 | 78.9 |
| 5 x 5 x 2 | 4.80 | 14.5 | 10 x 10 x 6 | 8.46 | 78.3 |
| 5 x 5 x 2 1/2 | 4.80 | 15.2 | 10 x 10 x 8 | 8.46 | 77.2 |
| 5 x 5 x 3 | 4.80 | 15.4 | | | |
| 5 x 5 x 4 | 4.80 | 16.1 | | | |
| 6 x 6 x 1 1/2 | 5.60 | 24.0 | | | |
| 6 x 6 x 2 | 5.60 | 26.4 | | | |
| 6 x 6 x 2 1/2 | 5.60 | 26.5 | | | |
| 6 x 6 x 3 | 5.60 | 26.5 | | | |
| 6 x 6 x 4 | 5.60 | 29.3 | | | |

| FLOW DATA Frictional Resistance (Expressed as equivalent Straight Pipe in Ft.) | | | | | |
|--|-------------|-----|--------------------|-------------|------|
| Nominal Size (In.) | Reducer Tee | | Nominal Size (In.) | Reducer Tee | |
| | Branch | Run | | Branch | Run |
| 1 1/4 | 5.8 | 2.3 | 5 | 21.0 | 8.4 |
| 1 1/2 | 6.7 | 2.7 | 6 | 25.3 | 10.1 |
| 2 | 8.6 | 3.4 | 8 | 33.3 | 13.3 |
| 2 1/2 | 10.3 | 4.1 | 10 | 41.8 | 16.7 |
| 3 | 12.8 | 5.1 | | | |
| 4 | 16.8 | 6.7 | | | |

Flow data is based upon the pressure drop of Sch. 40 pipe.

Style 115TM and 115TF are available up to 8" run size and 2 1/2" outlet size. Max working pressure of Threaded Tee is 300 psi.



UL Listed Under File No. EX15591

NOTES:

Allowable pipe end separation is for cut groove pipe for roll groove, figures will be one-half of the values listed at time of initial pressurization.
 □ - Bolts and Nuts are galvanized. * - Maximum pressure including surges and maximum end loads from all internal and external forces, to which a joint could be subject under normal working conditions. This rating provides a nominal safety factor of 1.5 times working pressure based on standard weight steel pipe. Maximum working pressure may be subjected to a one time field test of 1.5 times the figures indicated. Refer to installations and groove specifications when assembling any grooved product. For dry systems, TRI Seal gaskets are recommended. EPDM gasket is supplied as standard. For other gaskets contact us.

| PROJECT INFORMATION | APPROVAL STAMP |
|---------------------|--|
| Project: | <input type="checkbox"/> Approved |
| Address: | <input type="checkbox"/> Approved as noted |
| Contractor: | <input type="checkbox"/> Not approved |
| Engineer: | Remarks: |
| Submittal Data: | |
| Notes 1: | |
| Notes 2: | |