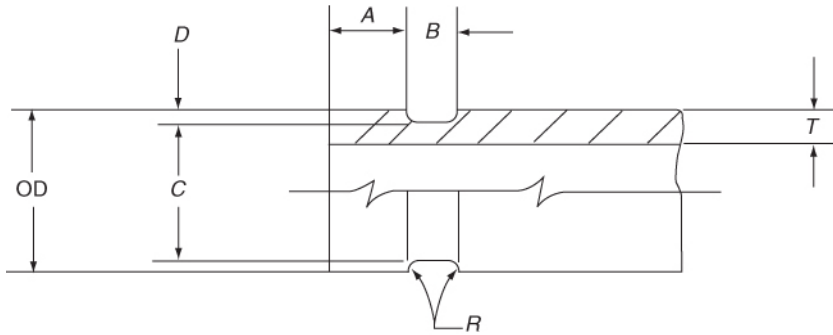


# FLEXIBLE GROOVED DI PIPE

## Flexible Grooves



NOTE: Grooving dimensions are the same for any one pipe outside diameter (OD), regardless of pipe class and pressure.

| Size     | Class <sup>1</sup> | Pipe     | Gasket Seat | Groove Width | Groove Diameter                          | Radius | Groove Depth |       |
|----------|--------------------|----------|-------------|--------------|------------------------------------------|--------|--------------|-------|
|          |                    | OD       | A           | B            | C <sup>2</sup>                           | R      | Min.         | Max.  |
| (inches) |                    | (inches) |             |              |                                          |        |              |       |
| 4        | 53                 | 4.8      | 0.750       | 0.375        | 4.563 <sup>+0</sup> / <sub>-0.020</sub>  | 0.120  | 0.096        | 0.151 |
| 6        | 53                 | 6.9      | 0.750       | 0.375        | 6.656 <sup>+0</sup> / <sub>-0.020</sub>  | 0.120  | 0.100        | 0.154 |
| 8        | 53                 | 9.1      | 0.875       | 0.500        | 8.871 <sup>+0</sup> / <sub>-0.025</sub>  | 0.145  | 0.104        | 0.177 |
| 10       | 53                 | 11.1     | 0.938       | 0.500        | 10.813 <sup>+0</sup> / <sub>-0.025</sub> | 0.145  | 0.114        | 0.186 |
| 12       | 53                 | 13.2     | 0.938       | 0.500        | 12.906 <sup>+0</sup> / <sub>-0.030</sub> | 0.145  | 0.117        | 0.192 |
| 14       | 53                 | 15.3     | 0.938       | 0.625        | 14.969 <sup>+0</sup> / <sub>-0.030</sub> | 0.165  | 0.126        | 0.206 |
| 16       | 53                 | 17.4     | 1.188       | 0.625        | 17.063 <sup>+0</sup> / <sub>-0.030</sub> | 0.165  | 0.128        | 0.208 |
| 18       | 54                 | 19.5     | 1.188       | 0.625        | 19.125 <sup>+0</sup> / <sub>-0.030</sub> | 0.185  | 0.148        | 0.228 |
| 20       | 55                 | 21.6     | 1.188       | 0.625        | 21.219 <sup>+0</sup> / <sub>-0.030</sub> | 0.185  | 0.150        | 0.230 |
| 24       | 56                 | 25.8     | 1.188       | 0.625        | 25.406 <sup>+0</sup> / <sub>-0.030</sub> | 0.185  | 0.157        | 0.237 |
| 30       | 56                 | 32.0     | 1.375       | 0.750        | 31.550 <sup>+0</sup> / <sub>-0.035</sub> | 0.215  | 0.195        | 0.283 |
| 36       | 56                 | 38.3     | 1.375       | 0.750        | 37.850 <sup>+0</sup> / <sub>-0.035</sub> | 0.215  | 0.195        | 0.283 |

1. Pipe class tolerances conform to ANSI/AWWA C151/A21.51

2. C are average values. Ovality of C diameter must lie within OD tolerances.

### ANSI/AWWA Standards

#### ANSI/AWWA C151/A21.5, Ductile-Iron Pipe, Centrifugally Cast for Water.

Ductile Iron TYTON JOINT Pipe is centrifugally cast in metal molds in accordance with ANSI/AWWA C151/A21.5.

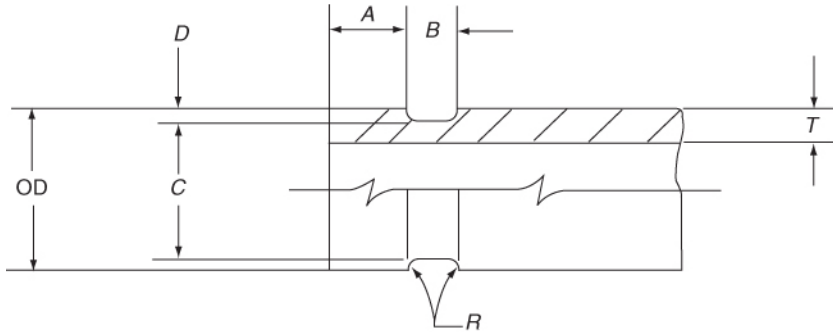
#### ANSI/AWWA C104/A21.4, Cement-Mortar Lining For Ductile-Iron Pipe and Fittings For Water.

The cement-mortar lining and inside coating are in accordance with ANSI/AWWA C104/ A21.4. Special linings and/or coatings can be furnished for specific conditions.

#### ANSI/AWWA C606-06, Grooved and Shouldered Joints

# RIGID GROOVED DI PIPE

## Rigid Grooves



NOTE: Grooving dimensions are the same for any one pipe outside diameter (OD), regardless of pipe class and pressure.

| Size     | Class <sup>1</sup> | Pipe     | Gasket Seat | Groove Width | Groove Diameter                          | Radius | Groove Depth |       |
|----------|--------------------|----------|-------------|--------------|------------------------------------------|--------|--------------|-------|
|          |                    | OD       | A           | B            | C <sup>2</sup>                           | R      | Min.         | Max.  |
| (inches) |                    | (inches) |             |              |                                          |        |              |       |
| 4        | 53                 | 4.8      | 0.840       | 0.375        | 4.563 <sup>+0</sup> / <sub>-0.020</sub>  | 0.120  | 0.096        | 0.151 |
| 6        | 53                 | 6.9      | 0.840       | 0.375        | 6.656 <sup>+0</sup> / <sub>-0.020</sub>  | 0.120  | 0.100        | 0.154 |
| 8        | 53                 | 9.1      | 0.840       | 0.500        | 8.781 <sup>+0</sup> / <sub>-0.025</sub>  | 0.145  | 0.104        | 0.177 |
| 10       | 53                 | 11.1     | 0.950       | 0.500        | 10.813 <sup>+0</sup> / <sub>-0.025</sub> | 0.145  | 0.114        | 0.186 |
| 12       | 53                 | 13.2     | 1.015       | 0.500        | 12.906 <sup>+0</sup> / <sub>-0.030</sub> | 0.145  | 0.117        | 0.192 |
| 14       | 53                 | 15.3     | 1.015       | 0.625        | 14.969 <sup>+0</sup> / <sub>-0.030</sub> | 0.165  | 0.126        | 0.206 |
| 16       | 53                 | 17.4     | 1.340       | 0.625        | 17.063 <sup>+0</sup> / <sub>-0.030</sub> | 0.165  | 0.128        | 0.208 |
| 18       | 54                 | 19.5     | 1.340       | 0.625        | 19.125 <sup>+0</sup> / <sub>-0.030</sub> | 0.185  | 0.148        | 0.228 |
| 20       | 55                 | 21.6     | 1.340       | 0.625        | 21.219 <sup>+0</sup> / <sub>-0.030</sub> | 0.185  | 0.150        | 0.230 |
| 24       | 56                 | 25.8     | 1.340       | 0.625        | 25.406 <sup>+0</sup> / <sub>-0.030</sub> | 0.185  | 0.157        | 0.237 |
| 30       | 56                 | 32.0     | 1.625       | 0.750        | 31.550 <sup>+0</sup> / <sub>-0.035</sub> | 0.215  | 0.195        | 0.283 |
| 36       | 56                 | 38.3     | 1.625       | 0.750        | 37.850 <sup>+0</sup> / <sub>-0.035</sub> | 0.215  | 0.195        | 0.283 |

1. Pipe class tolerances conform to ANSI/AWWA C151/A21.51

2. C are average values. Ovality of C diameter must lie within OD tolerances.

### ANSI/AWWA Standards

#### ANSI/AWWA C151/A21.5, Ductile-Iron Pipe, Centrifugally Cast for Water.

Ductile Iron TYTON JOINT Pipe is centrifugally cast in metal molds in accordance with ANSI/AWWA C151/A21.5.

#### ANSI/AWWA C104/A21.4, Cement-Mortar Lining For Ductile-Iron Pipe and Fittings For Water.

The cement-mortar lining and inside coating are in accordance with ANSI/AWWA C104/ A21.4. Special linings and/or coatings can be furnished for specific conditions.

#### ANSI/AWWA C606-06, Grooved and Shouldered Joints