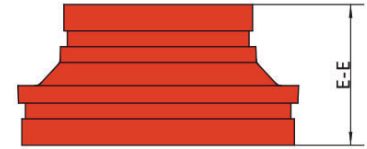


## 21CR GROOVED CONCENTRIC REDUCER

- Ductile Iron ASTM A-536 Grade 65-45-12.
- Finish available in standard orange paint or hot dipped galvanized (ASTM A-153)
- For current listing/approval details contact a Titus representative



| Nominal Size in/mm | Pipe O.D. in/mm | Max. Working Pressure PSI/Bar | E - E in/mm |
|--------------------|-----------------|-------------------------------|-------------|
| 1-1/2x1-1/4        | 1.9x1.669       | 300                           | 2.52        |
| 40x32              | 48.3x42.4       | 20                            | 64          |
| 2x1-1/4            | 2.375x1.669     | 300                           | 2.52        |
| 50x32              | 60.3x42.4       | 20                            | 64          |
| 2x1-1/2            | 2.375x1.9       | 300                           | 2.52        |
| 50x40              | 60.3x48.3       | 20                            | 64          |
| 2-1/2x1-1/4        | 2.875x1.669     | 300                           | 2.52        |
| 65x32              | 73x42.4         | 20                            | 64          |
| 2-1/2x1-1/2        | 2.875x1.9       | 300                           | 2.52        |
| 65x40              | 73x48.3         | 20                            | 64          |
| 2-1/2x2            | 2.875x2.375     | 300                           | 2.52        |
| 65x50              | 73x60.3         | 20                            | 64          |
| 2-1/2x1-1/2        | 3x1.9           | 300                           | 2.52        |
| 65x40              | 76.1x48.3       | 20                            | 64          |
| 2-1/2x2            | 3x2.375         | 300                           | 2.52        |
| 65x50              | 76.1x60.3       | 20                            | 64          |
| 3x1-1/4            | 3.5x1.669       | 300                           | 2.52        |
| 80x32              | 88.9x42.4       | 20                            | 64          |
| 3x1-1/2            | 3.5x1.9         | 300                           | 2.52        |
| 80x40              | 88.9x48.3       | 20                            | 64          |
| 3x2                | 3.5x2.375       | 300                           | 2.52        |
| 80x50              | 88.9x60.3       | 20                            | 64          |
| 3x2-1/2            | 3.5x2.875       | 300                           | 2.52        |
| 80x65              | 88.9x73         | 20                            | 64          |
| 3x2-1/2            | 3.5x3           | 300                           | 2.52        |
| 80x65              | 88.9x76.1       | 20                            | 64          |
| 4x1-1/4            | 4.5x1.669       | 300                           | 2.99        |
| 100x32             | 114.3x42.4      | 20                            | 76          |
| 4x1-1/2            | 4.5x1.9         | 300                           | 2.99        |
| 100x40             | 114.3x48.3      | 20                            | 76          |
| 4x2                | 4.5x2.375       | 300                           | 2.99        |
| 100x50             | 114.3x60.3      | 20                            | 76          |
| 4x2-1/2            | 4.5x2.875       | 300                           | 2.99        |
| 100x65             | 114.3x73        | 20                            | 76          |
| 4x2-1/2            | 4.5x3           | 300                           | 2.99        |
| 100x65             | 114.3x76.1      | 20                            | 76          |
| 4x3                | 4.5x3.5         | 300                           | 2.99        |
| 100x80             | 114.3x88.9      | 20                            | 76          |
| 5x2                | 5.25x2.375      | 300                           | 3.35        |
| 125x50             | 133x60.3        | 20                            | 85          |
| 5x2                | 5.5x2.375       | 300                           | 3.35        |
| 125x50             | 139.7x60.3      | 20                            | 85          |
| 5x2-1/2            | 5.5x2.875       | 300                           | 3.35        |
| 125x65             | 139.7x73        | 20                            | 85          |
| 5x2-1/2            | 5.5x3           | 300                           | 3.35        |
| 125x65             | 139.7x76.1      | 20                            | 85          |
| 5x3                | 5.5x3.5         | 300                           | 3.35        |
| 125x80             | 139.7x88.9      | 20                            | 85          |
| 5x4                | 5.5x4.25        | 300                           | 3.35        |
| 125x100            | 139.7x108       | 20                            | 85          |
| 5x4                | 5.5x4.5         | 300                           | 3.35        |
| 125x100            | 139.7x114.3     | 20                            | 85          |
| 5x2                | 5.563x2.375     | 300                           | 3.35        |
| 125x50             | 141.3x60.3      | 20                            | 85          |
| 5x2-1/2            | 5.563x2.875     | 300                           | 3.35        |
| 125x65             | 141.3x73        | 20                            | 85          |
| 5x2-1/2            | 5.563x3         | 300                           | 3.35        |
| 125x65             | 141.3x76.1      | 20                            | 85          |
| 5x3                | 5.563x3.5       | 300                           | 3.35        |
| 125x80             | 141.3x88.9      | 20                            | 85          |
| 5x4                | 5.563x4.5       | 300                           | 3.35        |
| 125x100            | 141.3x114.3     | 20                            | 85          |
| 6x2                | 6.25x2.375      | 300                           | 3.35        |
| 150x50             | 159x60.3        | 20                            | 85          |
| 6x4                | 6.25x4.25       | 300                           | 3.35        |
| 150x100            | 159x108         | 20                            | 85          |

| Nominal Size in/mm | Pipe O.D. in/mm | Max. Working Pressure PSI/Bar | E - E in/mm |
|--------------------|-----------------|-------------------------------|-------------|
| 6x4                | 6.25x4.5        | 300                           | 3.35        |
| 150x100            | 159x114.3       | 20                            | 85          |
| 6x5                | 6.25x5.5        | 300                           | 3.35        |
| 150x125            | 159x139.7       | 20                            | 85          |
| 6x2                | 6.5x2.375       | 300                           | 3.35        |
| 150x50             | 165.1x60.3      | 20                            | 85          |
| 6x2-1/2            | 6.5x2.875       | 300                           | 3.35        |
| 150x65             | 165.1x73        | 20                            | 85          |
| 6x2-1/2            | 6.5x3           | 300                           | 3.35        |
| 150x65             | 165.1x76.1      | 20                            | 85          |
| 6x4                | 6.5x4.25        | 300                           | 3.35        |
| 150x100            | 165.1x108       | 20                            | 85          |
| 6x4                | 6.5x4.5         | 300                           | 3.35        |
| 150x100            | 165.1x114.3     | 20                            | 85          |
| 6x5                | 6.5x5.25        | 300                           | 3.35        |
| 150x125            | 165.1x133       | 20                            | 85          |
| 6x5                | 6.5x5.5         | 300                           | 3.35        |
| 150x125            | 165.1x139.7     | 20                            | 85          |
| 6x2                | 6.63x2.375      | 300                           | 3.35        |
| 150x50             | 168.3x60.3      | 20                            | 85          |
| 6x2-1/2            | 6.625x2.875     | 300                           | 3.35        |
| 150x65             | 168.3x73        | 20                            | 85          |
| 6x2-1/2            | 6.625x2.375     | 300                           | 3.35        |
| 150x65             | 168.3x76.1      | 20                            | 85          |
| 6x3                | 6.625x3.5       | 300                           | 3.35        |
| 150x80             | 168.3x88.9      | 20                            | 85          |
| 6x4                | 6.625x4.5       | 300                           | 3.35        |
| 150x100            | 168.3x114.3     | 20                            | 85          |
| 6x5                | 6.625x5.5       | 300                           | 3.35        |
| 150x125            | 168.3x139.7     | 20                            | 85          |
| 8x2-1/2            | 8.63x3          | 300                           | 3.35        |
| 200x65             | 219.1x76.1      | 20                            | 85          |
| 8x3                | 8.625x3.5       | 300                           | 3.35        |
| 200x80             | 219.1x88.9      | 20                            | 85          |
| 8x4                | 8.625x4.5       | 300                           | 3.35        |
| 200x100            | 219.1x114.3     | 20                            | 85          |
| 8x5                | 8.625x5.5       | 300                           | 3.35        |
| 200x125            | 219.1x139.7     | 20                            | 85          |
| 8x6                | 8.625x6.25      | 300                           | 3.35        |
| 200x150            | 219.1x159       | 20                            | 85          |
| 8x6                | 8.63x6.5        | 300                           | 3.35        |
| 200x150            | 219.1x165.1     | 20                            | 85          |
| 8x6                | 8.625x6.63      | 300                           | 3.35        |
| 200x150            | 219.1x168.3     | 20                            | 85          |
| 10x4               | 10.75x4.5       | 300                           | 3.54        |
| 250x100            | 273x114.3       | 20                            | 90          |
| 10x5               | 10.75x5.5       | 300                           | 3.54        |
| 250x125            | 273x139.7       | 20                            | 90          |
| 10x6               | 10.75x6.25      | 300                           | 3.54        |
| 250x150            | 273x159         | 20                            | 90          |
| 10x6               | 10.75x6.5       | 300                           | 3.54        |
| 250x150            | 273x165.1       | 20                            | 90          |
| 10x8               | 10.75x8.625     | 300                           | 3.54        |
| 250x200            | 273x219.1       | 20                            | 90          |
| 12x4               | 12.75x4.5       | 300                           | 3.54        |
| 300x100            | 323.9x114.3     | 20                            | 90          |
| 12x5               | 12.75x5.5       | 300                           | 3.54        |
| 300x125            | 323.9x139.7     | 20                            | 90          |
| 12x6               | 12.75x6.25      | 300                           | 3.54        |
| 300x150            | 323.9x159       | 20                            | 90          |
| 12x6               | 12.75x6.625     | 300                           | 3.54        |
| 300x150            | 323.9x165.1     | 20                            | 90          |
| 12x8               | 12.75x8.63      | 300                           | 3.54        |
| 300x200            | 323.9x219.1     | 20                            | 90          |
| 12x10              | 12.75x10.75     | 300                           | 3.54        |
| 300x250            | 323.9x273       | 20                            | 90          |