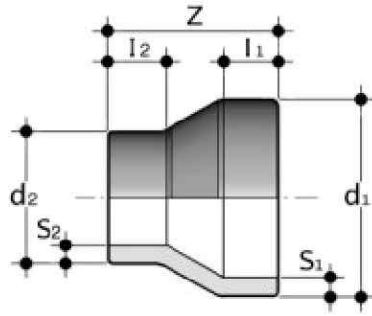


Concentric Reducers



Weld Type: Butt

SDR 17-S 8.3-PN6 SDR 11-S 5-PN10

| d ₁ | d ₂ | Z | l ₁ | l ₂ | S ₁ | S ₂ | S ₁ | S ₂ |
|----------------|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|
| 25 | 20 | 50 | 23 | 25 | - | - | 2.3 | 2 |
| 32 | 20 | 50 | 22 | 22 | - | - | 3 | 2 |
| 32 | 25 | 50 | 21 | 21 | - | - | 3 | 2.3 |
| 40 | 20 | 50 | 21 | 21 | - | - | 3.7 | 2 |
| 40 | 25 | 50 | 21 | 22 | - | - | 3.7 | 2.3 |
| 40 | 32 | 50 | 21 | 24 | - | - | 3.7 | 3 |
| 50 | 25 | 50 | 20 | 20 | - | - | 4.6 | 2.3 |
| 50 | 32 | 50 | 20 | 21 | - | - | 4.6 | 3 |
| 50 | 40 | 50 | 20 | 24 | - | - | 4.6 | 3.7 |
| 63 | 32 | 60 | 25 | 22 | - | - | 5.8 | 3 |
| 63 | 40 | 60 | 25 | 24 | - | - | 5.8 | 3.7 |
| 63 | 50 | 60 | 25 | 27 | - | - | 5.8 | 4.6 |
| 75 | 32 | 70 | 30 | 25 | - | - | 6.9 | 3 |
| 75 | 40 | 70 | 30 | 25 | - | - | 6.9 | 3.7 |
| 75 | 50 | 70 | 30 | 28 | - | - | 6.9 | 4.6 |
| 75 | 63 | 70 | 30 | 33 | - | - | 6.9 | 5.8 |
| 90 | 50 | 80 | 35 | 28 | - | - | 8.2 | 4.6 |
| 90 | 63 | 80 | 35 | 32 | - | - | 8.2 | 5.8 |
| 90 | 75 | 80 | 35 | 36 | - | - | 8.2 | 6.9 |
| 110 | 50 | 90 | 35 | 34 | 6.3 | 2.8 | 10 | 4.6 |
| 110 | 63 | 90 | 35 | 35 | 6.3 | 3.6 | 10 | 5.8 |
| 110 | 75 | 90 | 35 | 38 | 6.3 | 4.3 | 10 | 6.9 |
| 110 | 90 | 90 | 35 | 43 | 6.3 | 5.1 | 10 | 8.2 |
| 125 | 63 | 100 | 40 | 38 | 7.1 | 3.6 | 11.4 | 5.8 |
| 125 | 75 | 100 | 40 | 39 | 7.1 | 4.3 | 11.4 | 6.9 |
| 125 | 90 | 100 | 40 | 43 | 7.1 | 5.1 | 11.4 | 8.2 |
| 125 | 110 | 100 | 40 | 51 | 7.1 | 6.3 | 11.4 | 10 |
| 140 | 75 | 110 | 50 | 37 | 8.0 | 4.3 | 12.8 | 6.9 |
| 140 | 90 | 110 | 50 | 39 | 8.0 | 5.1 | 12.8 | 8.2 |
| 140 | 110 | 110 | 50 | 45 | 8.0 | 6.3 | 12.8 | 10 |
| 140 | 125 | 110 | 50 | 51 | 8.0 | 7.1 | 12.8 | 11.4 |
| 160 | 90 | 120 | 55 | 40 | 9.1 | 5.1 | 14.6 | 8.2 |
| 160 | 110 | 120 | 55 | 44 | 9.1 | 6.3 | 14.6 | 10 |
| 160 | 125 | 120 | 55 | 48 | 9.1 | 7.1 | 14.6 | 11.4 |
| 160 | 140 | 120 | 55 | 53 | 9.1 | 8.0 | 14.6 | 12.8 |
| 180 | 90 | 130 | 60 | 44 | 10.2 | 5.1 | 16.4 | 8.2 |
| 180 | 110 | 130 | 60 | 45 | 10.2 | 6.3 | 16.4 | 10 |
| 180 | 125 | 130 | 60 | 47 | 10.2 | 7.1 | 16.4 | 11.4 |
| 180 | 140 | 130 | 60 | 50 | 10.2 | 8.0 | 16.4 | 12.8 |
| 180 | 160 | 130 | 60 | 58 | 10.2 | 9.1 | 16.4 | 14.6 |
| 200 | 140 | 140 | 60 | 48 | 11.4 | 8.0 | 18.2 | 12.8 |
| 200 | 160 | 140 | 60 | 54 | 11.4 | 9.1 | 18.2 | 14.6 |

SDR 17-S 8.3-PN6 SDR 11-S 5-PN10

| d ₁ | d ₂ | Z | l ₁ | l ₂ | S ₁ | S ₂ | S ₁ | S ₂ |
|----------------|----------------|-----|----------------|----------------|----------------|----------------|----------------|----------------|
| 200 | 180 | 140 | 60 | 58 | 11.4 | 10.2 | 18.2 | 16.4 |
| 225 | 140 | 160 | 70 | 58 | 12.8 | 8.0 | 20.5 | 12.8 |
| 225 | 160 | 160 | 70 | 58 | 12.8 | 9.1 | 20.5 | 14.6 |
| 225 | 180 | 160 | 70 | 60 | 12.8 | 10.2 | 20.5 | 16.4 |
| 225 | 200 | 160 | 70 | 60 | 12.8 | 11.4 | 20.5 | 18.2 |
| 250 | 160 | 180 | 75 | 63 | 14.2 | 9.1 | 22.8 | 14.6 |
| 250 | 180 | 180 | 75 | 66 | 14.2 | 10.2 | 22.8 | 16.4 |
| 250 | 200 | 180 | 75 | 72 | 14.2 | 11.4 | 22.8 | 18.2 |
| 250 | 225 | 180 | 75 | 83 | 14.2 | 12.8 | 22.8 | 20.5 |
| 280 | 180 | 200 | 85 | 70 | 15.9 | 10.2 | 25.5 | 16.4 |
| 280 | 200 | 200 | 85 | 72 | 15.9 | 11.4 | 25.5 | 18.2 |
| 280 | 225 | 200 | 85 | 80 | 15.9 | 12.8 | 25.5 | 20.5 |
| 280 | 250 | 200 | 85 | 90 | 15.9 | 14.2 | 25.5 | 22.8 |
| 315 | 200 | 230 | 95 | 85 | 17.9 | 11.4 | 28.7 | 18.2 |
| 315 | 225 | 230 | 95 | 88 | 17.9 | 12.8 | 28.7 | 20.5 |
| 315 | 250 | 230 | 95 | 95 | 17.9 | 14.2 | 28.7 | 22.8 |
| 315 | 280 | 230 | 95 | 107 | 17.9 | 15.9 | 28.7 | 25.5 |
| 355 | 225 | 140 | 57 | 40 | 20.2 | 12.8 | 32.3 | 20.5 |
| 355 | 250 | 130 | 54 | 40 | 20.2 | 14.2 | 32.3 | 22.8 |
| 355 | 280 | 120 | 53 | 40 | 20.2 | 15.9 | 32.3 | 25.5 |
| 355 | 315 | 110 | 53 | 40 | 20.2 | 17.9 | 32.3 | 28.7 |
| 400 | 225 | 160 | 64 | 40 | 22.7 | 12.8 | 36.4 | 20.5 |
| 400 | 250 | 150 | 61 | 40 | 22.7 | 14.2 | 36.4 | 22.8 |
| 400 | 280 | 140 | 60 | 40 | 22.7 | 15.9 | 36.4 | 25.5 |
| 400 | 315 | 120 | 50 | 40 | 22.7 | 17.9 | 36.4 | 28.7 |
| 400 | 355 | 110 | 51 | 40 | 22.7 | 20.2 | 36.4 | 32.3 |
| 450 | 280 | 160 | 65 | 40 | 25.6 | 15.9 | 41 | 25.5 |
| 450 | 315 | 140 | 55 | 40 | 25.6 | 17.9 | 41 | 28.7 |
| 450 | 355 | 130 | 57 | 40 | 25.6 | 20.2 | 41 | 32.3 |
| 450 | 400 | 120 | 60 | 40 | 25.6 | 22.7 | 41 | 36.4 |
| 500 | 315 | 170 | 71 | 40 | 28.4 | 17.9 | 45.5 | 28.7 |
| 500 | 355 | 150 | 62 | 40 | 28.4 | 20.2 | 45.5 | 32.3 |
| 500 | 400 | 140 | 65 | 40 | 28.4 | 22.7 | 45.5 | 36.4 |
| 500 | 450 | 120 | 60 | 40 | 28.4 | 25.6 | 45.5 | 41 |
| 560 | 355 | 180 | 75 | 40 | 31.8 | 20.2 | 51 | 32.3 |
| 560 | 400 | 160 | 68 | 40 | 31.8 | 22.7 | 51 | 36.4 |
| 560 | 450 | 140 | 62 | 40 | 31.8 | 25.6 | 51 | 41 |
| 560 | 500 | 130 | 67 | 40 | 31.8 | 28.4 | 51 | 45.5 |
| 630 | 400 | 190 | 78 | 40 | 35.8 | 22.7 | 57.3 | 36.4 |
| 630 | 450 | 170 | 72 | 40 | 35.8 | 25.6 | 57.3 | 41 |
| 630 | 500 | 150 | 67 | 40 | 35.8 | 28.4 | 57.3 | 45.5 |
| 630 | 560 | 130 | 64 | 40 | 35.8 | 31.8 | 57.3 | 51 |

* dimensions in mm