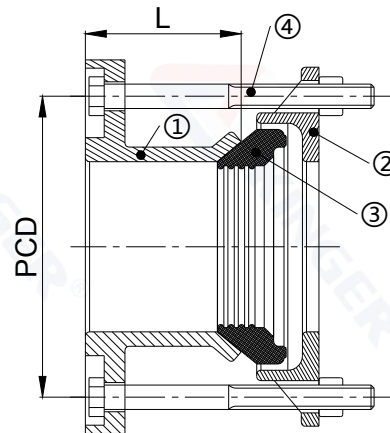


# DUCTILE IRON FITTINGS

UNIVERSAL FLANGE ADAPTOR PN10/16

| NO. | PART NAME | MATERIAL     |
|-----|-----------|--------------|
| 1   | Sleeve    | DUCTILE IRON |
| 2   | End ring  | DUCTILE IRON |
| 3   | Gasket    | EPDM / SBR   |
| 4   | Bolt, Nut | Carbon Steel |

NOTE: WORKING PRESSURE PN10、PN16



mm

| Nominal Diameter(DN) | PIPE O.D. | PCD   | L  | Flange Body Holes   |                   |
|----------------------|-----------|-------|----|---------------------|-------------------|
|                      |           |       |    | Holes with end ring | Holes with Flange |
| 50/50                | 59-78     | 125   | 72 | 4-φ14               | 4-φ19             |
| 80/80                | 83-102    | 160   | 76 | 4-φ14               | 8-φ19             |
| 100/100              | 109-128   | 178.5 | 76 | 4-φ14               | 8-φ19             |
| 125/125              | 135-153   | 210   | 76 | 4-φ14               | 8-φ19~φ22         |
| 150/150              | 159-182   | 237.5 | 85 | 4-φ14               | 8-φ23             |
| 175/200              | 190-205   | 295   | 85 | 6-φ14               | 12-φ23            |
| 200/200              | 218-234   | 295   | 85 | 6-φ14               | 12-φ23            |
| 225/250              | 239-250   | 355   | 98 | 6-φ14               | 12-φ25~φ28        |
| 250/250              | 273-286   | 355   | 98 | 6-φ14               | 12-φ28            |
| 225/2 /250           | 250-267   | 355   | 98 | 6-φ14               | 12-φ25~φ28        |
| 300/300              | 315-328   | 410   | 96 | 6-φ14               | 12-φ28            |



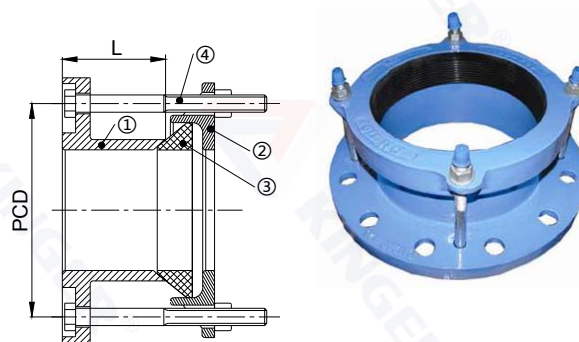
# DUCTILE IRON FITTINGS

## SINGLE RANGE FLANGE ADAPTOR FOR STEEL PIPES



| NO. | PART NAME | MATERIAL     |
|-----|-----------|--------------|
| 1   | Sleeve    | DUCTILE IRON |
| 2   | End ring  | DUCTILE IRON |
| 3   | Gasket    | EPDM / SBR   |
| 4   | Bolt, Nut | Carbon Steel |

NOTE: WORKING PRESSURE PN10、PN16



| DN   | PN                  | PIPE   | A  | B   | C   | D    | PCD  | HOLES | BOLTS |         |
|------|---------------------|--------|----|-----|-----|------|------|-------|-------|---------|
| mm   | Kgf/cm <sup>2</sup> | OD     | mm | mm  | mm  | mm   | mm   |       | Q'TY  | M x L   |
| 50   | 10/16               | 60.5   | 19 | 73  | 105 | 165  | 125  | 4x19  | 4     | M12x100 |
| 65   | 10/16               | 76.3   | 19 | 73  | 105 | 185  | 145  | 4x19  | 4     | M12x100 |
| 80   | 10/16               | 89.1   | 19 | 73  | 105 | 200  | 160  | 8x19  | 4     | M12x100 |
| 100  | 10/16               | 114.3  | 19 | 73  | 105 | 220  | 180  | 8x19  | 4     | M12x100 |
| 125  | 10/16               | 139.8  | 19 | 76  | 115 | 250  | 210  | 8x19  | 4     | M12x110 |
| 150  | 10/16               | 168.3  | 19 | 76  | 115 | 285  | 240  | 8x23  | 4     | M12x110 |
| 200  | 10                  | 219.1  | 20 | 76  | 115 | 340  | 295  | 8x23  | 4     | M12x110 |
| 200  | 16                  | 219.1  | 20 | 76  | 115 | 340  | 295  | 12x23 | 6     | M12x110 |
| 250  | 10                  | 273.1  | 22 | 90  | 130 | 400  | 350  | 12x23 | 6     | M12x120 |
| 250  | 16                  | 273.1  | 24 | 90  | 130 | 400  | 355  | 12x28 | 6     | M12x120 |
| 300  | 10                  | 323.9  | 24 | 90  | 130 | 455  | 400  | 12x23 | 6     | M12x120 |
| 300  | 16                  | 323.9  | 24 | 90  | 130 | 455  | 410  | 12x28 | 6     | M12x120 |
| 350  | 10                  | 355.6  | 24 | 110 | 156 | 505  | 460  | 16x23 | 8     | M16x150 |
| 350  | 16                  | 355.6  | 26 | 110 | 156 | 520  | 470  | 16x28 | 8     | M16x150 |
| 400  | 10                  | 406.4  | 24 | 110 | 156 | 565  | 515  | 16x28 | 8     | M16x150 |
| 400  | 16                  | 406.4  | 28 | 110 | 156 | 580  | 525  | 16x31 | 8     | M16x150 |
| 450  | 10                  | 457.2  | 25 | 110 | 156 | 615  | 565  | 20x28 | 10    | M16x150 |
| 450  | 16                  | 457.2  | 30 | 110 | 156 | 640  | 585  | 20x31 | 10    | M16x150 |
| 500  | 10                  | 508    | 26 | 115 | 162 | 670  | 620  | 20x28 | 10    | M16x150 |
| 500  | 16                  | 508    | 31 | 115 | 162 | 718  | 650  | 20x34 | 10    | M16x150 |
| 600  | 10                  | 609.6  | 30 | 115 | 165 | 780  | 725  | 20x31 | 10    | M16x150 |
| 600  | 16                  | 609.6  | 36 | 115 | 165 | 840  | 770  | 20x37 | 10    | M16x150 |
| 700  | 10                  | 711.2  | 32 | 115 | 165 | 895  | 840  | 24x31 | 12    | M16x150 |
| 700  | 16                  | 711.2  | 39 | 115 | 165 | 910  | 840  | 24x37 | 12    | M16x150 |
| 800  | 10                  | 812.8  | 35 | 115 | 165 | 1015 | 950  | 24x34 | 12    | M16x150 |
| 800  | 16                  | 812.8  | 43 | 115 | 165 | 1025 | 950  | 24x40 | 12    | M16x150 |
| 900  | 10                  | 914.4  | 37 | 115 | 165 | 1115 | 1050 | 28x34 | 14    | M16x150 |
| 900  | 16                  | 914.4  | 46 | 115 | 165 | 1125 | 1050 | 28x40 | 14    | M16x150 |
| 1000 | 10                  | 1016   | 40 | 115 | 165 | 1230 | 1160 | 28x37 | 14    | M16x150 |
| 1000 | 16                  | 1016   | 50 | 115 | 165 | 1255 | 1170 | 28x43 | 14    | M16x150 |
| 1200 | 10                  | 1219.2 | 45 | 130 | 180 | 1455 | 1380 | 32x40 | 16    | M16x170 |
| 1200 | 16                  | 1219.2 | 57 | 130 | 180 | 1485 | 1390 | 32x49 | 16    | M16x170 |

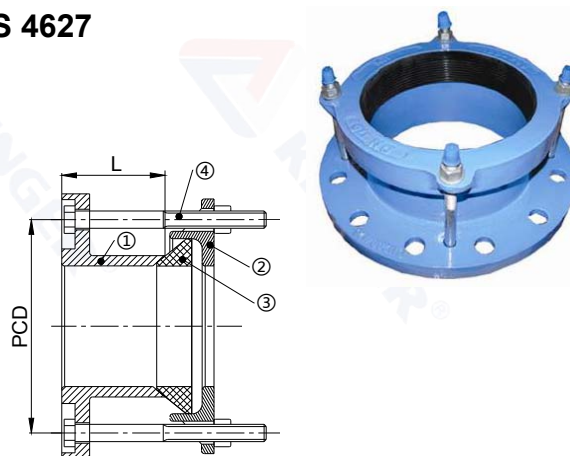
# DUCTILE IRON FITTINGS

SINGLE RANGE FLANGE ADAPTOR FOR DUCTILE IRON PIPES

ISO2531,BS EN545, ISO7005-2, BS 4504, BS 4627

| NO. | PART NAME | MATERIAL     |
|-----|-----------|--------------|
| 1   | Sleeve    | DUCTILE IRON |
| 2   | End ring  | DUCTILE IRON |
| 3   | Gasket    | EPDM / SBR   |
| 4   | Bolt、Nut  | Carbon Steel |

NOTE: WORKING PRESSURE PN10、PN16



| DN   | PN                  | PIPE | A    | B   | C   | D    | PCD  | HOLES | BOLTS |          |
|------|---------------------|------|------|-----|-----|------|------|-------|-------|----------|
| mm   | Kgf/cm <sup>2</sup> | OD   | mm   | mm  | mm  | mm   | mm   |       | Q'TY  | M x L    |
| 40   | 10/16               | 56   | 19   | 73  | 105 | 150  | 110  | 4x19  | 4     | M 12x100 |
| 50   | 10/16               | 66   | 19   | 73  | 105 | 165  | 125  | 4x19  | 4     | M 12x100 |
| 60   | 10/16               | 77   | 19   | 73  | 105 | 175  | 135  | 4x19  | 4     | M 12x100 |
| 65   | 10/16               | 82   | 19   | 73  | 105 | 185  | 145  | 4x19  | 4     | M 12x100 |
| 80   | 10/16               | 98   | 19   | 73  | 105 | 200  | 160  | 8x19  | 4     | M 12x100 |
| 100  | 10/16               | 118  | 19   | 73  | 105 | 220  | 180  | 8x19  | 4     | M 12x100 |
| 125  | 10/16               | 144  | 19   | 76  | 115 | 250  | 210  | 8x19  | 4     | M 12x100 |
| 150  | 10/16               | 170  | 19   | 76  | 115 | 285  | 240  | 8x23  | 4     | M 12x110 |
| 200  | 16                  | 222  | 20   | 76  | 115 | 340  | 295  | 8x23  | 4     | M 12x110 |
| 250  | 16                  | 274  | 22   | 90  | 130 | 400  | 350  | 12x23 | 6     | M 12x120 |
| 300  | 16                  | 326  | 24.5 | 90  | 130 | 455  | 400  | 12x23 | 6     | M 12x120 |
| 350  | 16                  | 378  | 24.5 | 110 | 156 | 505  | 460  | 16x23 | 8     | M 16x145 |
| 400  | 16                  | 429  | 24.5 | 110 | 156 | 565  | 515  | 16x28 | 8     | M 16x145 |
| 450  | 16                  | 480  | 24.5 | 110 | 156 | 615  | 565  | 20x28 | 10    | M 16x145 |
| 500  | 16                  | 532  | 26.5 | 115 | 162 | 670  | 620  | 20x28 | 10    | M 16x150 |
| 600  | 16                  | 635  | 30   | 115 | 165 | 780  | 725  | 20x31 | 10    | M 16x150 |
| 700  | 16                  | 738  | 32.5 | 115 | 165 | 895  | 740  | 24x31 | 12    | M 16x150 |
| 800  | 16                  | 842  | 35   | 115 | 165 | 1015 | 950  | 24x34 | 12    | M 16x150 |
| 900  | 16                  | 942  | 37.5 | 115 | 165 | 1115 | 1050 | 28x34 | 14    | M 16x150 |
| 1000 | 16                  | 1048 | 40   | 115 | 165 | 1230 | 1160 | 28x37 | 14    | M 16x150 |
| 1200 | 16                  | 1255 | 45   | 130 | 180 | 1455 | 1380 | 32x40 | 16    | M 16x170 |
| 1400 | 16                  | 1462 | 46   | 130 | 180 | 1675 | 1590 | 36x43 | 18    | M 20x170 |
| 1600 | 16                  | 1668 | 49   | 190 | 275 | 1915 | 1820 | 40x49 | 20    | M 20x240 |
| 1800 | 16                  | 1875 | 52   | 190 | 275 | 2115 | 2020 | 44x49 | 22    | M 20x240 |
| 2000 | 16                  | 2082 | 55   | 190 | 275 | 2325 | 2230 | 48x49 | 24    | M 20x240 |
| 2200 | 16                  | 2288 | 59   | 210 | 315 | 2550 | 2440 | 52x56 | 26    | M 20x265 |