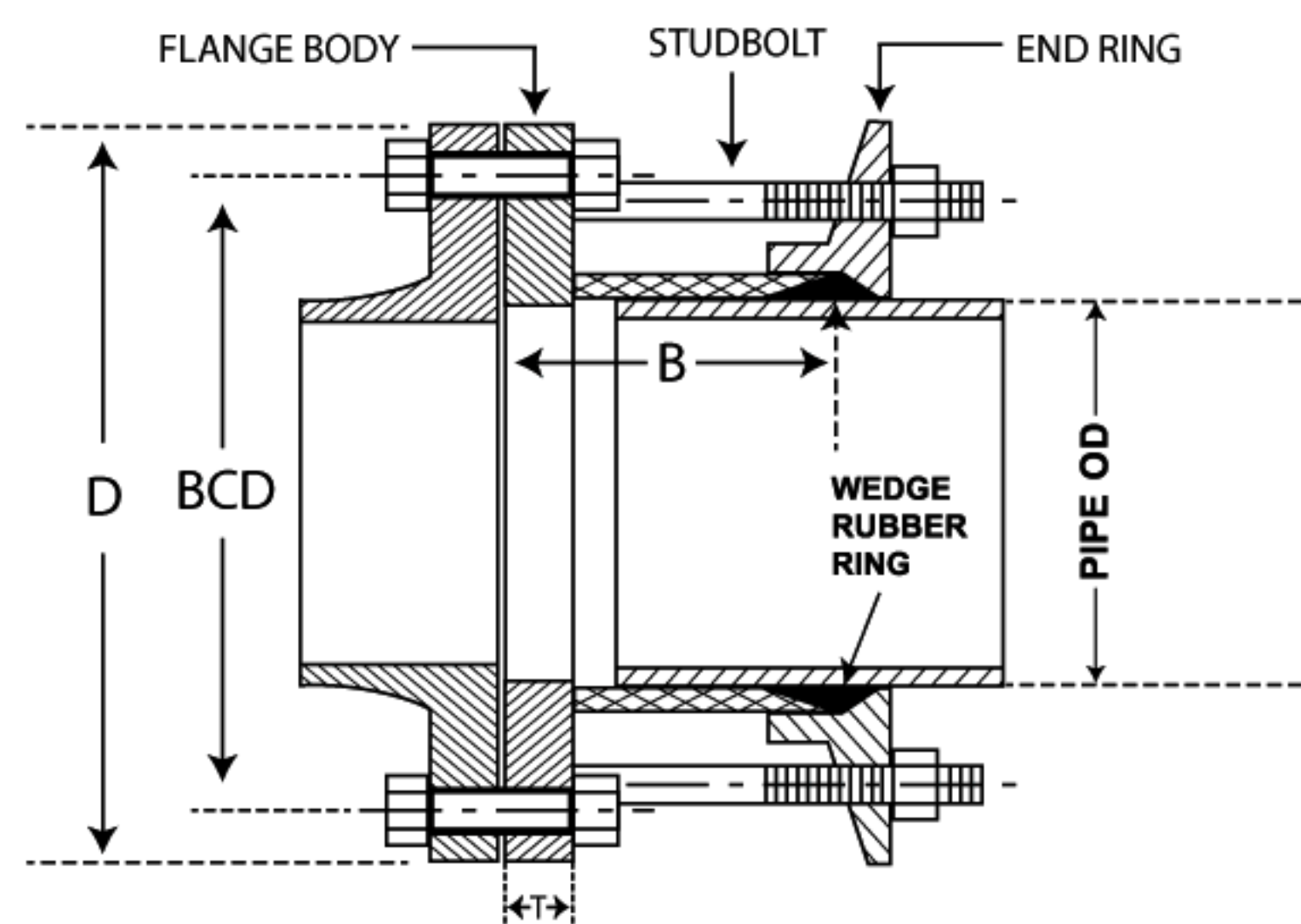
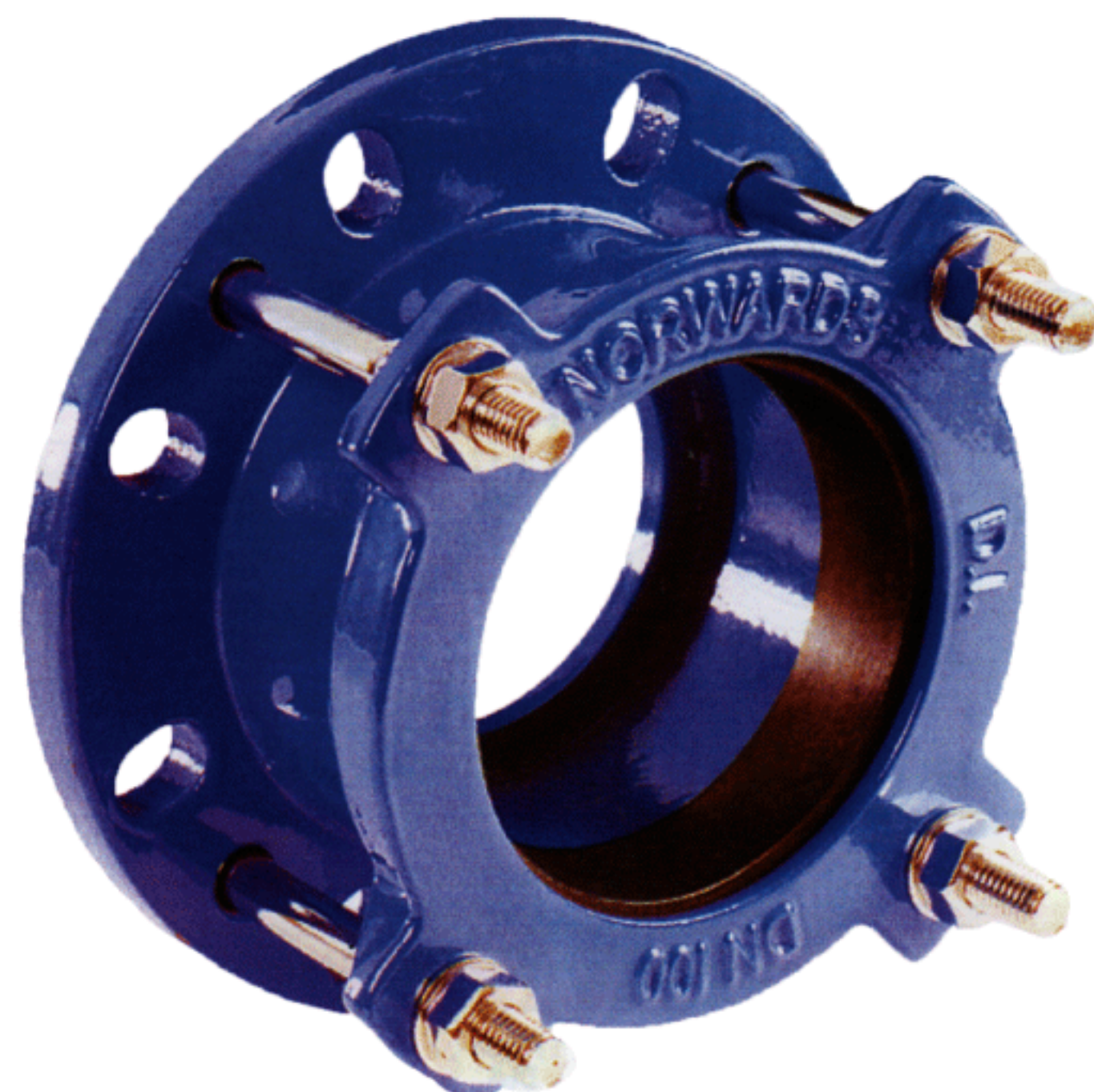


DUCTILE IRON MECHANICAL FLANGE ADAPTOR



DN80-DN1200
(TO JKR SPECIFICATION 20200-0048-99)



Material Specification For Mechanical Flange Adaptor & Coupling

| | |
|--------------------------|---|
| Flange/End Ring & Sleeve | : Ductile Iron BS EN 1563 |
| Bolts & Nuts | : Stainless Steel BS 970 Part 304S31 / Hot-Dip Galvanized / Zinc Plated |
| Coating | : Fusion Bonded Epoxy AS NZ S4158:1 : Cold Applied High Solid Liquid Epoxy Coating AWWA C210-84 : Black Bitumen BS 3416 |
| Wedge Rubber Ring | : MS 672 (1999) / AS 1646 |

MECHANICAL FLANGE ADAPTOR

For

Ductile Iron Pipe To MS 1919/
BSEN 545 & BSEN 598

| Nom DIA | DI Pipe OD | D | BCD | T | B | BOLTS & STUDS | | |
|---------|------------|------|------|------|-----|---------------|--------------|----------------------|
| | | | | | | No. Of Holes | No. Of Studs | Size & Lgth of Studs |
| 80 | 98 | 200 | 160 | 16 | 73 | 8 | 4 | 1/2 " x 114mm |
| 100 | 118 | 220 | 180 | 16 | 76 | 8 | 4 | 1/2 " x 114mm |
| 150 | 170 | 285 | 240 | 16 | 76 | 8 | 4 | 1/2 " x 114mm |
| 200 | 222 | 340 | 295 | 17 | 76 | 8 | 4 | 1/2 " x 114mm |
| 250 | 274 | 405 | 355 | 19 | 90 | 12 | 6 | 1/2 " x 140mm |
| 300 | 326 | 460 | 410 | 20.5 | 90 | 12 | 6 | 1/2 " x 140mm |
| 350 | 378 | 520 | 470 | 20.5 | 108 | 16 | 8 | 5/8 " x 152mm |
| 400 | 429 | 580 | 525 | 20.5 | 108 | 16 | 8 | 5/8 " x 152mm |
| 450 | 480 | 640 | 585 | 21.5 | 108 | 20 | 10 | 5/8 " x 152mm |
| 500 | 532 | 715 | 650 | 22.5 | 114 | 20 | 10 | 5/8 " x 152mm |
| 600 | 635 | 840 | 770 | 25 | 114 | 20 | 10 | 5/8 " x 152mm |
| 700 | 738 | 910 | 840 | 27.5 | 114 | 24 | 12 | 5/8 " x 152mm |
| 800 | 842 | 1025 | 950 | 30 | 114 | 24 | 12 | 5/8 " x 152mm |
| 900 | 945 | 1125 | 1050 | 32.5 | 114 | 28 | 14 | 5/8 " x 152mm |
| 1000 | 1048 | 1255 | 1170 | 35 | 114 | 28 | 14 | 5/8 " x 152mm |
| 1100 | 1152 | 1355 | 1270 | 37.5 | 127 | 32 | 16 | 5/8 " x 165mm |
| 1200 | 1255 | 1485 | 1390 | 40 | 127 | 32 | 16 | 5/8 " x 165mm |

MECHANICAL FLANGE ADAPTOR

For MILD STEEL CEMENT LINE PIPE TO TS SPEC

| Nom DIA | MSCL Pipe OD | D | BCD | T | B | BOLTS & STUDS | | |
|---------|--------------|------|------|------|-----|---------------|--------------|----------------------|
| | | | | | | No. Of Holes | No. Of Studs | Size & Lgth of Studs |
| 80 | 89.0 | 200 | 160 | 16 | 73 | 8 | 4 | 1/2 " x 114mm |
| 100 | 114.3 | 220 | 180 | 16 | 76 | 8 | 4 | 1/2 " x 114mm |
| 150 | 168.3 | 285 | 240 | 16 | 76 | 8 | 4 | 1/2 " x 114mm |
| 200 | 219.1 | 340 | 295 | 17 | 76 | 8 | 4 | 1/2 " x 114mm |
| 250 | 273.0 | 405 | 355 | 19 | 90 | 12 | 6 | 1/2 " x 140mm |
| 300 | 323.9 | 460 | 410 | 20.5 | 90 | 12 | 6 | 1/2 " x 140mm |
| 350 | 355.6 | 520 | 470 | 20.5 | 108 | 16 | 8 | 5/8 " x 152mm |
| 400 | 406.4 | 580 | 525 | 20.5 | 108 | 16 | 8 | 5/8 " x 152mm |
| 450 | 457.0 | 640 | 585 | 21.5 | 108 | 20 | 10 | 5/8 " x 152mm |
| 500 | 508.0 | 715 | 650 | 22.5 | 114 | 20 | 10 | 5/8 " x 152mm |
| 600 | 610.0 | 840 | 770 | 25 | 114 | 20 | 10 | 5/8 " x 152mm |
| 700 | 711.0 | 910 | 840 | 27.5 | 114 | 24 | 12 | 5/8 " x 152mm |
| 800 | 813.0 | 1025 | 950 | 30 | 114 | 24 | 12 | 5/8 " x 152mm |
| 900 | 914.0 | 1125 | 1050 | 32.5 | 114 | 28 | 14 | 5/8 " x 152mm |
| 1000 | 1016 | 1255 | 1170 | 35 | 114 | 28 | 14 | 5/8 " x 152mm |
| 1100 | 1118 | 1355 | 1270 | 37.5 | 127 | 32 | 16 | 5/8 " x 165mm |
| 1200 | 1219 | 1485 | 1390 | 40 | 127 | 32 | 16 | 5/8 " x 165mm |

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