



| Class K-12       |           |      |     |     |     |           |
|------------------|-----------|------|-----|-----|-----|-----------|
| Nominal Diameter |           | e    | e1  | L   | H   | App. Mass |
| DN Body          | dn Branch |      |     |     |     |           |
| 80               | 80        | 7.0  | 7.0 | 170 | 85  | 11        |
| 100              | 80        | 7.2  | 7.0 | 170 | 95  | 13        |
| 100              | 100       | 7.2  | 7.2 | 190 | 95  | 14        |
| 125              | 80        | 7.5  | 7.0 | 170 | 105 | 17        |
| 125              | 100       | 7.5  | 7.2 | 195 | 110 | 18        |
| 125              | 125       | 7.5  | 7.5 | 225 | 110 | 20        |
| 150              | 80        | 7.8  | 7.0 | 170 | 120 | 19        |
| 150              | 100       | 7.8  | 7.2 | 195 | 120 | 20        |
| 150              | 150       | 7.8  | 7.8 | 255 | 125 | 23        |
| 200              | 80        | 8.4  | 7.0 | 175 | 145 | 26        |
| 200              | 100       | 8.4  | 7.2 | 200 | 145 | 28        |
| 200              | 150       | 8.4  | 7.8 | 255 | 150 | 32        |
| 200              | 200       | 8.4  | 8.4 | 315 | 155 | 29        |
| 250              | 80        | 9.0  | 7.0 | 180 | 170 | 35        |
| 250              | 100       | 9.0  | 7.2 | 200 | 170 | 37        |
| 250              | 150       | 9.0  | 7.8 | 260 | 175 | 40        |
| 250              | 200       | 9.0  | 8.4 | 315 | 180 | 48        |
| 250              | 250       | 9.0  | 9.0 | 375 | 190 | 54        |
| 300              | 80        | 9.6  | 7.0 | 180 | 220 | 44        |
| 300              | 100       | 9.6  | 7.2 | 205 | 220 | 45        |
| 300              | 150       | 9.6  | 7.8 | 260 | 220 | 54        |
| 300              | 200       | 9.6  | 8.4 | 320 | 220 | 60        |
| 300              | 250       | 9.6  | 9.0 | 380 | 220 | 68        |
| 300              | 300       | 9.6  | 9.6 | 435 | 220 | 74        |
| 350              | 80        | 10.2 | 7.0 | 185 | 260 | 55        |
| 350              | 100       | 10.2 | 7.2 | 205 | 260 | 56        |
| 350              | 150       | 10.2 | 7.8 | 265 | 265 | 64        |
| 350              | 200       | 10.2 | 8.4 | 325 | 270 | 70        |
| 350              | 250       | 10.2 | 9.0 | 380 | 280 | 85        |
| 350              | 300       | 10.2 | 9.6 | 440 | 285 | 95        |

TABLE Contd.

| Class K-12       |           |      |      |     |     |           |
|------------------|-----------|------|------|-----|-----|-----------|
| Nominal Diameter |           | e    | e1   | L   | H   | App. Mass |
| DN Body          | dn Branch |      |      |     |     |           |
| 350              | 350       | 10.2 | 10.2 | 495 | 290 | 100       |
| 400              | 80        | 10.8 | 7.0  | 185 | 285 | 73        |
| 400              | 100       | 10.8 | 7.2  | 210 | 285 | 72        |
| 400              | 150       | 10.8 | 7.8  | 270 | 290 | 90        |
| 400              | 200       | 10.8 | 8.4  | 325 | 295 | 92        |
| 400              | 250       | 10.8 | 9.0  | 385 | 305 | 100       |
| 400              | 300       | 10.8 | 9.6  | 440 | 310 | 110       |
| 400              | 400       | 10.8 | 10.8 | 560 | 320 | 130       |
| 450              | 80        | 11.4 | 7.0  | 190 | 310 | 89        |
| 450              | 100       | 11.4 | 7.2  | 215 | 310 | 90        |
| 450              | 150       | 11.4 | 7.8  | 270 | 315 | 105       |
| 450              | 200       | 11.4 | 8.4  | 330 | 320 | 110       |
| 450              | 250       | 11.4 | 9.0  | 390 | 330 | 112       |
| 450              | 300       | 11.4 | 9.6  | 445 | 335 | 125       |
| 450              | 400       | 11.4 | 10.8 | 560 | 345 | 155       |
| 450              | 450       | 11.4 | 11.4 | 620 | 350 | 160       |
| 500              | 80        | 12.0 | 7.0  | 195 | 335 | 104       |
| 500              | 100       | 12.0 | 7.2  | 215 | 335 | 105       |
| 500              | 150       | 12.0 | 7.8  | 275 | 340 | 127       |
| 500              | 200       | 12.0 | 8.4  | 330 | 345 | 130       |
| 500              | 250       | 12.0 | 9.0  | 390 | 355 | 155       |
| 500              | 300       | 12.0 | 9.6  | 450 | 360 | 160       |
| 500              | 350       | 12.0 | 10.2 | 505 | 365 | 170       |
| 500              | 400       | 12.0 | 10.8 | 565 | 370 | 185       |
| 500              | 500       | 12.0 | 12.0 | 680 | 380 | 205       |
| 600              | 80        | 13.2 | 7.0  | 200 | 385 | 166       |
| 600              | 100       | 13.2 | 7.2  | 220 | 385 | 168       |
| 600              | 150       | 13.2 | 7.8  | 280 | 390 | 170       |
| 600              | 200       | 13.2 | 8.4  | 340 | 395 | 172       |
| 600              | 300       | 13.2 | 9.6  | 455 | 410 | 220       |
| 600              | 400       | 13.2 | 10.8 | 570 | 420 | 240       |
| 600              | 500       | 13.2 | 12.0 | 685 | 430 | 290       |
| 600              | 600       | 13.2 | 13.2 | 800 | 440 | 300       |
| 700              | 100       | 14.4 | 7.2  | 230 | 435 | 205       |
| 700              | 150       | 14.4 | 7.8  | 285 | 440 | 215       |
| 700              | 200       | 14.4 | 8.4  | 345 | 445 | 230       |
| 700              | 300       | 14.4 | 9.6  | 460 | 460 | 270       |
| 700              | 400       | 14.4 | 10.8 | 575 | 470 | 320       |
| 700              | 500       | 14.4 | 12.0 | 690 | 480 | 420       |
| 700              | 600       | 14.4 | 13.2 | 810 | 490 | 470       |
| 700              | 700       | 14.4 | 14.4 | 925 | 500 | 500       |
| 750              | 100       | 15.0 | 7.2  | 230 | 460 | 315       |

TABLE Contd.

| Class K-12       |           |      |      |      |     |           |
|------------------|-----------|------|------|------|-----|-----------|
| Nominal Diameter |           | e    | e1   | L    | H   | App. Mass |
| DN Body          | dn Branch |      |      |      |     |           |
| 750              | 150       | 15.0 | 7.8  | 290  | 465 | 330       |
| 750              | 200       | 15.0 | 8.4  | 345  | 470 | 360       |
| 750              | 300       | 15.0 | 9.6  | 465  | 485 | 390       |
| 750              | 400       | 15.0 | 10.8 | 580  | 495 | 430       |
| 750              | 500       | 15.0 | 12.0 | 695  | 505 | 480       |
| 750              | 600       | 15.0 | 13.2 | 810  | 515 | 520       |
| 750              | 700       | 15.0 | 14.4 | 925  | 525 | 570       |
| 750              | 750       | 15.0 | 15.0 | 985  | 535 | 590       |
| 800              | 100       | 15.6 | 7.2  | 235  | 485 | 260       |
| 800              | 150       | 15.6 | 7.8  | 290  | 490 | 280       |
| 800              | 200       | 15.6 | 8.4  | 350  | 495 | 300       |
| 800              | 300       | 15.6 | 9.6  | 465  | 510 | 370       |
| 800              | 400       | 15.6 | 10.8 | 580  | 520 | 420       |
| 800              | 500       | 15.6 | 12.0 | 700  | 530 | 490       |
| 800              | 600       | 15.6 | 13.2 | 815  | 540 | 530       |
| 800              | 700       | 15.6 | 14.4 | 930  | 550 | 550       |
| 800              | 800       | 15.6 | 15.6 | 1045 | 565 | 610       |
| 900              | 150       | 16.8 | 7.8  | 300  | 540 | 370       |
| 900              | 200       | 16.8 | 8.4  | 355  | 545 | 400       |
| 900              | 400       | 16.8 | 10.8 | 590  | 570 | 500       |
| 900              | 600       | 16.8 | 13.2 | 820  | 590 | 660       |
| 900              | 800       | 16.8 | 15.6 | 1050 | 615 | 700       |
| 900              | 900       | 16.8 | 16.8 | 1170 | 625 | 750       |
| 1000             | 150       | 18.0 | 7.8  | 305  | 590 | 440       |
| 1000             | 200       | 18.0 | 8.4  | 360  | 595 | 460       |
| 1000             | 400       | 18.0 | 10.8 | 595  | 620 | 550       |
| 1000             | 600       | 18.0 | 13.2 | 825  | 640 | 900       |
| 1000             | 800       | 18.0 | 15.6 | 1060 | 665 | 940       |
| 1000             | 1000      | 18.0 | 18.0 | 1290 | 685 | 1000      |
| 1100             | 200       | 19.2 | 8.4  | 370  | 645 | 670       |
| 1100             | 400       | 19.2 | 10.8 | 600  | 670 | 780       |
| 1100             | 600       | 19.2 | 13.2 | 830  | 690 | 910       |
| 1100             | 800       | 19.2 | 15.6 | 1065 | 715 | 1190      |
| 1100             | 1000      | 19.2 | 18.0 | 1295 | 735 | 1360      |
| 1100             | 1100      | 19.2 | 19.2 | 1410 | 745 | 1460      |
| 1200             | 200       | 20.4 | 8.4  | 375  | 695 | 800       |
| 1200             | 400       | 20.4 | 10.8 | 605  | 720 | 930       |
| 1200             | 600       | 20.4 | 13.2 | 840  | 740 | 1060      |
| 1200             | 800       | 20.4 | 15.6 | 1070 | 765 | 1250      |
| 1200             | 1000      | 20.4 | 18.0 | 1300 | 785 | 1490      |
| 1200             | 1200      | 20.4 | 20.4 | 1535 | 805 | 1710      |
| 1400             | 400       | 22.8 | 10.8 | 800  | 820 | 1380      |

TABLE Contd.

| Class K-12       |           |      |      |      |      |           |
|------------------|-----------|------|------|------|------|-----------|
| Nominal Diameter |           | e    | e1   | L    | H    | App. Mass |
| DN Body          | dn Branch |      |      |      |      |           |
| 1400             | 600       | 22.8 | 13.2 | 1030 | 840  | 1550      |
| 1400             | 800       | 22.8 | 15.6 | 1260 | 865  | 1750      |
| 1400             | 1000      | 22.8 | 18.0 | 1495 | 885  | 1960      |
| 1400             | 1200      | 22.8 | 20.4 | 1725 | 905  | 2200      |
| 1400             | 1400      | 22.8 | 22.8 | 1960 | 930  | 2500      |
| 1500             | 400       | 24.0 | 10.8 | 805  | 870  | 1400      |
| 1500             | 600       | 24.0 | 13.2 | 1035 | 890  | 1600      |
| 1500             | 800       | 24.0 | 15.6 | 1270 | 915  | 1850      |
| 1500             | 1000      | 24.0 | 18.0 | 1500 | 935  | 2200      |
| 1500             | 1200      | 24.0 | 20.4 | 1730 | 955  | 2400      |
| 1500             | 1400      | 24.0 | 22.8 | 1965 | 980  | 2700      |
| 1500             | 1500      | 24.0 | 24.0 | 2080 | 990  | 2900      |
| 1600             | 400       | 25.2 | 10.8 | 810  | 920  | 1770      |
| 1600             | 600       | 25.2 | 13.2 | 1040 | 940  | 1980      |
| 1600             | 800       | 25.2 | 15.6 | 1275 | 965  | 2220      |
| 1600             | 1000      | 25.2 | 18.0 | 1505 | 985  | 2460      |
| 1600             | 1200      | 25.2 | 20.4 | 1740 | 1005 | 2800      |
| 1600             | 1400      | 25.2 | 22.8 | 1970 | 1030 | 3000      |
| 1600             | 1600      | 25.2 | 25.2 | 2200 | 1050 | 3400      |
| 1800             | 600       | 27.6 | 13.2 | 1055 | 1040 | 2300      |
| 1800             | 800       | 27.6 | 15.6 | 1285 | 1065 | 2600      |
| 1800             | 1000      | 27.6 | 18.0 | 1520 | 1085 | 3000      |
| 1800             | 1200      | 27.6 | 20.4 | 1750 | 1105 | 3300      |
| 1800             | 1400      | 27.6 | 22.8 | 1980 | 1130 | 3700      |
| 1800             | 1600      | 27.6 | 25.2 | 2215 | 1150 | 4100      |
| 1800             | 1800      | 27.6 | 27.6 | 2445 | 1175 | 4600      |

## NOTE :

1. Size & Dimensions in **RED** are non standard as per IS 9523-2000
2. Tees in combination of sizes other then above can also be against specific requirement.