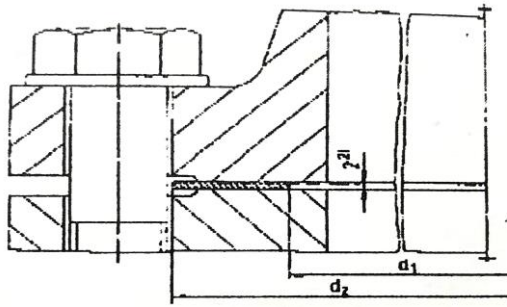
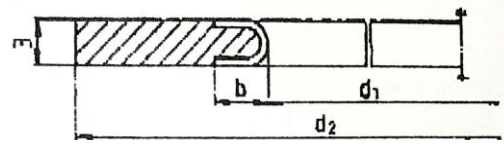


## DIN 2690

## 軟質墊片規格表(R.F.)



Profile F1

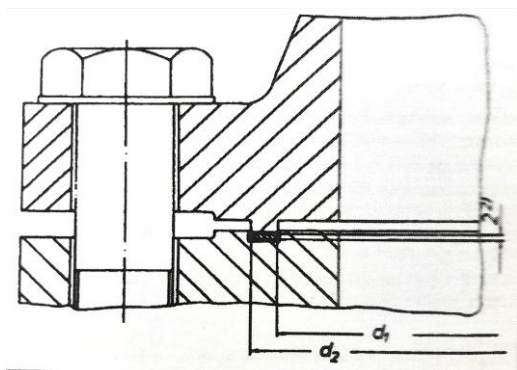


Profile F1 can also be used for male and female flanges. Width to works standard 112

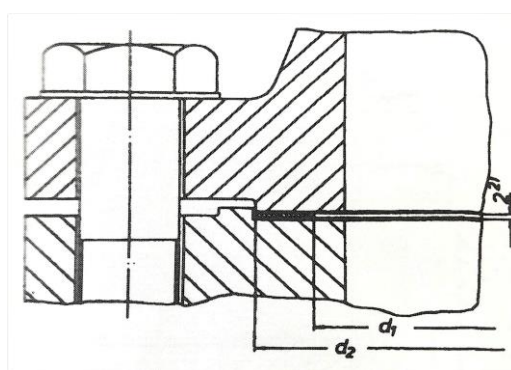
| DN   | D1   | b           |           | PN        |      |      |      |      |      |
|------|------|-------------|-----------|-----------|------|------|------|------|------|
|      |      | Narrow Type | Wide Type | 1 and 2.5 | 6    | 10   | 16   | 25   | 40   |
| 4    | 6    | --          | --        | --        | --   | --   | --   | 30   | --   |
| 6    | 10   | --          | --        | 28        | 28   | 38   | 38   | 38   | 38   |
| 8    | 14   | --          | --        | 33        | 33   | 43   | 43   | 43   | 43   |
| 10   | 18   | 3           | 3         | 38        | 38   | 45   | 45   | 45   | 45   |
| 15   | 22   | 3           | 3         | 43        | 43   | 50   | 50   | 50   | 50   |
| 20   | 28   | 4           | 4         | 53        | 53   | 60   | 60   | 60   | 60   |
| 25   | 35   | 5           | 5         | 63        | 63   | 70   | 70   | 70   | 70   |
| 32   | 43   | 5           | 5         | 75        | 75   | 82   | 82   | 82   | 82   |
| 40   | 49   | 5           | 5         | 85        | 85   | 92   | 92   | 92   | 92   |
| 50   | 61   | 5           | 5         | 95        | 95   | 107  | 107  | 107  | 107  |
| 65   | 77   | 5           | 6         | 115       | 115  | 127  | 127  | 127  | 127  |
| 80   | 90   | 5           | 6         | 132       | 132  | 142  | 142  | 142  | 142  |
| 100  | 115  | 5           | 6         | 152       | 152  | 162  | 162  | 168  | 168  |
| 125  | 141  | 5           | 6         | 182       | 182  | 192  | 192  | 195  | 195  |
| 150  | 169  | 5           | 6         | 207       | 207  | 218  | 218  | 225  | 225  |
| 175  | 195  | 5           | 6         | 237       | 237  | 248  | 248  | 255  | 267  |
| 200  | 220  | 5           | 6         | 262       | 262  | 273  | 273  | 285  | 292  |
| 250  | 274  | 5           | 8         | 318       | 318  | 328  | 330  | 342  | 353  |
| 300  | 325  | 5           | 8         | 373       | 373  | 378  | 385  | 402  | 418  |
| 350  | 368  | 5           | 8         | 423       | 423  | 438  | 445  | 458  | 475  |
| 400  | 420  | 5           | 8         | 473       | 473  | 490  | 497  | 515  | 547  |
| 450  | 470  | 5           | 10        | 528       | 528  | 540  | 557  | 565  | 572  |
| 500  | 520  | 5           | 10        | 578       | 578  | 595  | 618  | 625  | 628  |
| 600  | 620  | 5           | 10        | 680       | 680  | 695  | 735  | 730  | 745  |
| 700  | 720  | 5           | 10        | 785       | 785  | 810  | 805  | 830  | 850  |
| 800  | 820  | 5           | 10        | 890       | 890  | 915  | 910  | 940  | 970  |
| 900  | 920  | 5           | 12        | 990       | 990  | 1015 | 1010 | 1040 | 1080 |
| 1000 | 1020 | 5           | 12        | 1090      | 1090 | 1120 | 1125 | 1150 | 1190 |
| 1200 | 1220 | 5           | 12        | 1290      | 1305 | 1340 | 1340 | 1360 | 1395 |
| 1400 | 1420 | 5           | 12        | 1490      | 1520 | 1545 | 1540 | 1575 | 1615 |
| 1600 | 1620 | 5           | 12        | 1700      | 1720 | 1770 | 1760 | 1795 | 1830 |
| 1800 | 1820 | 8           | 12        | 1900      | 1930 | 1970 | 1960 | 2000 | --   |
| 2000 | 2020 | 8           | 12        | 2100      | 2135 | 2180 | 2165 | 2230 | --   |
| 2200 | 2220 | 8           | 12        | 2305      | 2345 | 2380 | 2375 | --   | --   |
| 2400 | 2420 | 8           | 12        | 2505      | 2555 | 2590 | 2585 | --   | --   |
| 2600 | 2620 | 8           | 12        | 2705      | 2760 | 2790 | 2785 | --   | --   |
| 2800 | 2820 | 8           | 12        | 2920      | 2970 | 3010 | --   | --   | --   |
| 3000 | 3020 | 8           | 12        | 3120      | 3170 | 3225 | --   | --   | --   |
| 3200 | 3220 | 8           | 12        | 3320      | 3380 | --   | --   | --   | --   |
| 3400 | 3420 | 8           | 12        | 3520      | 3590 | --   | --   | --   | --   |
| 3600 | 3620 | 8           | 12        | 3730      | 3800 | --   | --   | --   | --   |
| 3800 | 3820 | 8           | 12        | 3930      | --   | --   | --   | --   | --   |
| 4000 | 4020 | 8           | 12        | 4130      | --   | --   | --   | --   | --   |

## DIN 2691/2692

## 軟質墊片規格表



Tongue and Groove Flange



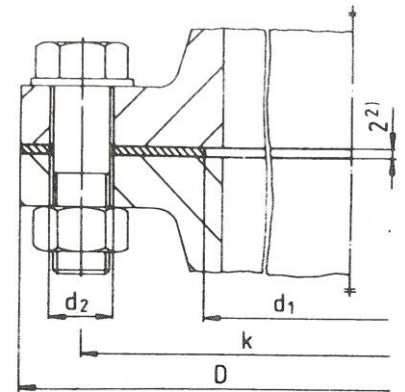
Male and Female Flange

| DN   | DIN 2691                      |      | DIN 2692                    |      |
|------|-------------------------------|------|-----------------------------|------|
|      | For Tongue and Groove Flanges |      | For Male and Female Flanges |      |
|      | PN 10-160                     |      | PN 10-100                   |      |
|      | d1                            | d2   | d1                          | d2   |
| 10   | 24                            | 34   | 18                          | 34   |
| 15   | 29                            | 39   | 22                          | 39   |
| 20   | 36                            | 50   | 28                          | 50   |
| 25   | 43                            | 57   | 35                          | 57   |
| 32   | 51                            | 65   | 43                          | 65   |
| 40   | 61                            | 75   | 49                          | 75   |
| 50   | 73                            | 87   | 61                          | 87   |
| 65   | 95                            | 109  | 77                          | 109  |
| 80   | 106                           | 120  | 90                          | 120  |
| 100  | 129                           | 149  | 115                         | 149  |
| 125  | 155                           | 175  | 141                         | 175  |
| 150  | 183                           | 203  | 169                         | 203  |
| 175  | 213                           | 233  | 195                         | 233  |
| 200  | 239                           | 259  | 220                         | 259  |
| 250  | 292                           | 312  | 274                         | 312  |
| 300  | 343                           | 363  | 325                         | 363  |
| 350  | 395                           | 421  | 368                         | 421  |
| 400  | 447                           | 473  | 420                         | 473  |
| 500  | 549                           | 575  | 520                         | 575  |
| 600  | 649                           | 675  | 620                         | 675  |
| 700  | 751                           | 777  | 720                         | 777  |
| 800  | 856                           | 882  | 820                         | 882  |
| 900  | 961                           | 987  | 920                         | 987  |
| 1000 | 1062                          | 1092 | 1020                        | 1091 |

## DIN 86071

## 軟質墊片規格表(F.F.)

| DN   | d1   | PN 6 |     |    |                     | PN 10 |      |    |                     |
|------|------|------|-----|----|---------------------|-------|------|----|---------------------|
|      |      | D    | k   | d2 | Number of the holes | D     | k    | d2 | Number of the holes |
| 20   | 29   | 90   | 65  | 11 | 4                   | 105   | 75   | 14 | 4                   |
| 25   | 36   | 100  | 75  | 11 | 4                   | 115   | 85   | 14 | 4                   |
| 32   | 47   | 120  | 90  | 14 | 4                   | 140   | 100  | 18 | 4                   |
| 40   | 53   | 130  | 100 | 14 | 4                   | 150   | 110  | 18 | 4                   |
| 50   | 65   | 140  | 110 | 14 | 4                   | 165   | 125  | 18 | 4                   |
| 65   | 81   | 160  | 130 | 14 | 4                   | 185   | 145  | 18 | 4                   |
| 80   | 93   | 190  | 150 | 18 | 4                   | 200   | 160  | 18 | 8                   |
| 100  | 120  | 210  | 170 | 18 | 4                   | 220   | 180  | 18 | 8                   |
| 125  | 146  | 240  | 200 | 18 | 8                   | 250   | 210  | 18 | 8                   |
| 150  | 172  | 265  | 225 | 18 | 8                   | 285   | 240  | 22 | 8                   |
| 175  | 200  | 295  | 255 | 18 | 8                   | 315   | 270  | 22 | 8                   |
| 200  | 225  | 320  | 280 | 18 | 8                   | 340   | 295  | 22 | 8                   |
| 250  | 282  | 375  | 335 | 18 | 12                  | 395   | 350  | 22 | 12                  |
| 300  | 332  | 440  | 395 | 22 | 12                  | 445   | 400  | 22 | 12                  |
| 350  | 363  | 490  | 445 | 22 | 12                  | 505   | 460  | 22 | 16                  |
| 400  | 415  | 540  | 495 | 22 | 16                  | 565   | 515  | 26 | 16                  |
| 450  | 467  | 595  | 550 | 22 | 16                  | 615   | 565  | 26 | 20                  |
| 500  | 520  | 645  | 600 | 22 | 20                  | 670   | 620  | 26 | 20                  |
| 600  | 620  | 755  | 705 | 26 | 20                  | 780   | 725  | 30 | 20                  |
| 700  | 723  | 860  | 810 | 26 | 24                  | 895   | 840  | 30 | 24                  |
| 800  | 825  | 975  | 920 | 30 | 24                  | 1015  | 950  | 33 | 24                  |
| 900  | 928  | --   | --  | -- | --                  | 1115  | 1050 | 33 | 28                  |
| 1000 | 1032 | --   | --  | -- | --                  | 1230  | 1160 | 36 | 28                  |
| 1200 | 1220 | --   | --  | -- | --                  | 1455  | 1380 | 39 | 32                  |
| 1400 | 1420 | --   | --  | -- | --                  | 1675  | 1590 | 42 | 36                  |
| 1600 | 1620 | --   | --  | -- | --                  | 1915  | 1820 | 48 | 40                  |
| 1800 | 1820 | --   | --  | -- | --                  | 2115  | 2020 | 48 | 44                  |
| 2000 | 2020 | --   | --  | -- | --                  | 2325  | 2230 | 48 | 48                  |



| DN   | d1   | PN 16 |      |    |                     | PN 25 |      |    |                     |
|------|------|-------|------|----|---------------------|-------|------|----|---------------------|
|      |      | D     | k    | d2 | Number of the holes | D     | k    | d2 | Number of the holes |
| 20   | 29   | 105   | 75   | 14 | 4                   | 105   | 75   | 14 | 4                   |
| 25   | 36   | 115   | 85   | 14 | 4                   | 115   | 85   | 14 | 4                   |
| 32   | 47   | 140   | 100  | 18 | 4                   | 140   | 100  | 18 | 4                   |
| 40   | 53   | 150   | 110  | 18 | 4                   | 150   | 110  | 18 | 4                   |
| 50   | 65   | 165   | 125  | 18 | 4                   | 165   | 125  | 18 | 4                   |
| 65   | 81   | 185   | 145  | 18 | 4                   | 185   | 145  | 18 | 8                   |
| 80   | 93   | 200   | 160  | 18 | 8                   | 200   | 160  | 18 | 8                   |
| 100  | 120  | 220   | 180  | 18 | 8                   | 235   | 190  | 22 | 8                   |
| 125  | 146  | 250   | 210  | 18 | 8                   | 270   | 220  | 26 | 8                   |
| 150  | 172  | 285   | 240  | 22 | 8                   | 300   | 250  | 26 | 8                   |
| 175  | 200  | 315   | 270  | 22 | 8                   | 330   | 280  | 26 | 12                  |
| 200  | 225  | 340   | 295  | 22 | 12                  | 360   | 310  | 26 | 12                  |
| 250  | 282  | 405   | 355  | 26 | 12                  | 425   | 370  | 30 | 12                  |
| 300  | 332  | 460   | 410  | 26 | 12                  | 485   | 430  | 30 | 16                  |
| 350  | 363  | 520   | 470  | 26 | 16                  | 555   | 490  | 33 | 16                  |
| 400  | 415  | 580   | 525  | 30 | 16                  | 620   | 550  | 36 | 16                  |
| 450  | 467  | 640   | 585  | 30 | 20                  | --    | --   | -- | --                  |
| 500  | 520  | 715   | 650  | 33 | 20                  | 730   | 660  | 36 | 20                  |
| 600  | 620  | 840   | 770  | 36 | 20                  | 845   | 770  | 39 | 20                  |
| 700  | 723  | 910   | 840  | 36 | 24                  | 960   | 875  | 42 | 24                  |
| 800  | 825  | 1025  | 950  | 39 | 24                  | 1085  | 990  | 48 | 24                  |
| 900  | 928  | 1125  | 1050 | 39 | 28                  | 1185  | 1090 | 48 | 28                  |
| 1000 | 1032 | 1255  | 1170 | 42 | 28                  | 1320  | 1210 | 56 | 28                  |
| 1200 | 1220 | 1485  | 1390 | 48 | 32                  | --    | --   | -- | --                  |
| 1400 | 1420 | 1685  | 1590 | 48 | 36                  | --    | --   | -- | --                  |
| 1600 | 1620 | 1930  | 1820 | 56 | 40                  | --    | --   | -- | --                  |
| 1800 | 1820 | 2130  | 2020 | 56 | 44                  | --    | --   | -- | --                  |
| 2000 | 2020 | 2345  | 2230 | 62 | 48                  | --    | --   | -- | --                  |