



## Class 16 Screw-on Flanges

| Nominal Size | Flange Dimensions |           |                         |                       |                       | Bolting Details (to AS 4087) |                   |                          | Boss Dimensions       |                       |          |
|--------------|-------------------|-----------|-------------------------|-----------------------|-----------------------|------------------------------|-------------------|--------------------------|-----------------------|-----------------------|----------|
|              | Diameter          | Thickness | Diameter of Raised Face | Height of Raised Face | Pitch Circle Diameter | Number of Holes              | Diameter of Holes | Fastener Size and Thread | Diameter of Large End | Diameter of Small End | Length   |
| <i>DN</i>    | <i>D</i>          | <i>T</i>  | <i>F</i>                | <i>t</i>              | <i>P</i>              | <i>N</i>                     | <i>V</i>          |                          | <i>E</i>              | <i>B</i>              | <i>A</i> |
| 80           | 185               | 18        | 122                     | 3                     | 146                   | 4                            | 18                | M16                      | 110                   | 108                   | 18       |
| 100          | 215               | 20        | 154                     | 3                     | 178                   | 4                            | 18                | M16                      | 140                   | 138                   | 23       |
| 150          | 280               | 23        | 209                     | 3                     | 235                   | 8                            | 18                | M16                      | 194                   | 192                   | 24       |
| 200          | 335               | 23        | 264                     | 3                     | 292                   | 8                            | 18                | M16                      | 250                   | 248                   | 32       |
| 225          | 370               | 24        | 296                     | 3                     | 324                   | 8                            | 18                | M16                      | 279                   | 277                   | 33       |
| 250          | 405               | 24        | 328                     | 3                     | 356                   | 8                            | 22                | M20                      | 308                   | 306                   | 38       |
| 300          | 455               | 30        | 376                     | 4                     | 406                   | 12                           | 22                | M20                      | 360                   | 358                   | 32       |
| 375          | 550               | 33        | 463                     | 4                     | 495                   | 12                           | 26                | M24                      | 446                   | 444                   | 42       |
| 450          | 640               | 33        | 552                     | 4                     | 584                   | 12                           | 26                | M24                      | 530                   | 528                   | 45       |
| 500          | 705               | 35        | 609                     | 4                     | 641                   | 16                           | 26                | M24                      | 585                   | 583                   | 48       |
| 600          | 825               | 42        | 717                     | 5                     | 756                   | 16                           | 30                | M27                      | 693                   | 691                   | 48       |
| 750          | 995               | 47        | 885                     | 5                     | 927                   | 20                           | 33                | M30                      | 858                   | 856                   | 50       |

## Class 35 Screw-on Flanges

| <i>DN</i> | <i>D</i> | <i>T</i> | <i>F</i> | <i>t</i> | <i>P</i> | <i>N</i> | <i>V</i> |     | <i>E</i> | <i>B</i> | <i>A</i> |
|-----------|----------|----------|----------|----------|----------|----------|----------|-----|----------|----------|----------|
| 80        | 205      | 22       | 141      | 3        | 165      | 8        | 18       | M16 | 110      | 108      | 18       |
| 100       | 230      | 22       | 167      | 3        | 191      | 8        | 18       | M16 | 140      | 138      | 23       |
| 150       | 305      | 27       | 232      | 3        | 260      | 12       | 22       | M20 | 194      | 192      | 24       |
| 200       | 370      | 31       | 296      | 3        | 324      | 12       | 22       | M20 | 250      | 248      | 32       |
| 225       | 405      | 34       | 324      | 3        | 356      | 12       | 26       | M24 | 279      | 277      | 33       |
| 250       | 430      | 34       | 349      | 3        | 381      | 12       | 26       | M24 | 308      | 306      | 38       |
| 300       | 490      | 38       | 406      | 4        | 438      | 16       | 26       | M24 | 360      | 358      | 32       |
| 375       | 580      | 42       | 485      | 4        | 521      | 16       | 30       | M27 | 446      | 444      | 42       |
| 450       | 675      | 46       | 571      | 4        | 610      | 20       | 33       | M30 | 530      | 528      | 45       |
| 500       | 735      | 49       | 634      | 4        | 673      | 24       | 33       | M30 | 585      | 583      | 48       |
| 600       | 850      | 54       | 739      | 5        | 781      | 24       | 36       | M33 | 693      | 691      | 48       |
| 750       | 1015     | 59       | 898      | 5        | 940      | 28       | 36       | M33 | 858      | 856      | 50       |