

## Segment bends, 2 and 3 mm

Technical catalogue: 2 and 3 mm  
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Revised: 01.05.2009

Diameter for 2 mm:  $\phi 140$  -  $\phi 1000$  mm.

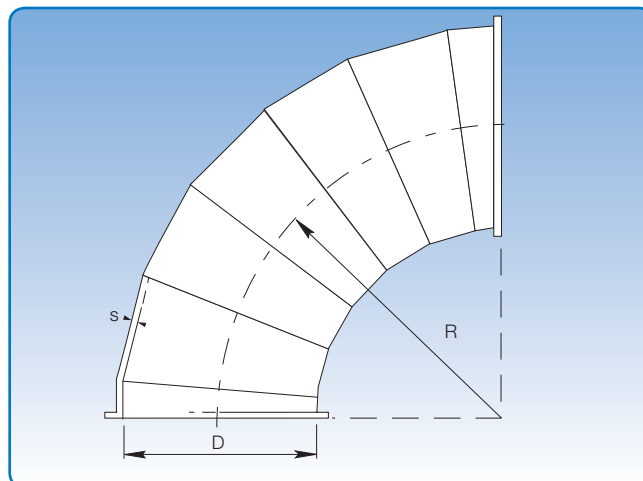
Diameter for 3 mm:  $\phi 225$  -  $\phi 1000$  mm.

Segment bends are available in other radii and dimensions to order.

2 and 3 mm segment bends are supplied as standard for pull rings [f.b].

Segment bends with  $D = \phi 630$  mm -  $\phi 1000$  mm supplied with flange [m.fl].

Dimensional specifications are given in the table below.  
 $R = 1.5 \times D$  for all dimensions.



| Dimensions |      |          |        |          |        |          |        |          |       |          |       |
|------------|------|----------|--------|----------|--------|----------|--------|----------|-------|----------|-------|
| D          | s    | 90°      |        | 60°      |        | 45°      |        | 30°      |       | 15°      |       |
| mm         | mm   | Item no. | kg     | Item no. | kg     | Item no. | kg     | Item no. | kg    | Item no. | kg    |
| 140        | 2,00 | 1144292  | 2,90   | 1144262  | 2,00   | 1144242  | 1,40   | 1144232  | 1,00  | 1144212  | 0,50  |
| 225        | 2,00 | 1149292  | 7,60   | 1149262  | 5,20   | 1149242  | 3,80   | 1149232  | 2,60  | 1149212  | 1,40  |
| 275        | 2,00 | 11588929 | 9,60   | 11588629 | 7,20   | 11588429 | 4,80   | 1152232  | 3,60  | 11588129 | 1,80  |
| 315        | 2,00 | 1152292  | 13,30  | 1152262  | 8,60   | 1152242  | 6,50   | 11588329 | 4,40  | 1152212  | 2,20  |
| 450        | 2,00 | 1155892  | 24,20  | 1155862  | 16,20  | 1155842  | 12,10  | 1155832  | 8,10  | 1155812  | 4,00  |
| 500        | 2,00 | 1156892  | 29,90  | 1156862  | 20,00  | 1156842  | 15,00  | 1156832  | 10,00 | 1156812  | 5,00  |
| 550        | 2,00 | 1157892  | 36,20  | 1157862  | 24,20  | 1157842  | 18,10  | 1157832  | 12,10 | 1157812  | 6,00  |
| 600        | 2,00 | 1158892  | 43,10  | 1158862  | 28,80  | 1158842  | 21,60  | 1158832  | 14,40 | 1158812  | 7,20  |
| 630        | 2,00 | 1159895  | 53,78  | 1159865  | 38,08  | 1159845  | 30,18  | 1159835  | 22,18 | 1159815  | 14,28 |
| 650        | 2,00 | 1160895  | 57,17  | 1160865  | 40,37  | 1160845  | 31,87  | 1160835  | 23,47 | 1160815  | 14,97 |
| 700        | 2,00 | 1161895  | 65,85  | 1161865  | 46,25  | 1161845  | 36,45  | 1161835  | 26,65 | 1161815  | 16,85 |
| 750        | 2,00 | 1162895  | 77,67  | 1162865  | 55,17  | 1162845  | 43,97  | 1162835  | 32,67 | 1162815  | 21,20 |
| 800        | 2,00 | 1163895  | 87,61  | 1163865  | 62,01  | 1163845  | 49,21  | 1163835  | 36,41 | 1163815  | 23,61 |
| 850        | 2,00 | 1164895  | 98,25  | 1164865  | 69,25  | 1164845  | 54,85  | 1164835  | 40,35 | 1164815  | 25,95 |
| 900        | 2,00 | 1165895  | 109,40 | 1165865  | 77,00  | 1165845  | 60,80  | 1165835  | 44,50 | 1165815  | 28,30 |
| 950        | 2,00 | 1166895  | 121,14 | 1166865  | 85,04  | 1166845  | 66,94  | 1166835  | 48,84 | 1166815  | 30,84 |
| 1000       | 2,00 | 1167895  | 133,58 | 1167865  | 93,48  | 1167845  | 73,48  | 1167835  | 53,48 | 1167815  | 33,38 |
|            |      |          |        |          |        |          |        |          |       |          |       |
| 225        | 3,00 | 1149392  | 11,10  | 1149362  | 7,40   | 1149342  | 5,60   | 1149332  | 3,70  | 1149312  | 1,90  |
| 250        | 3,00 | 1150392  | 11,10  | 1150362  | 7,40   | 1150342  | 5,60   | 1150332  | 3,70  | 1150312  | 1,90  |
| 275        | 3,00 | 11589929 | 14,40  | 11589629 | 10,80  | 11589429 | 7,20   | 11589329 | 5,40  | 11589129 | 2,70  |
| 300        | 3,00 | 1151392  | 16,10  | 1151362  | 10,70  | 1151342  | 8,00   | 1151332  | 5,40  | 1151312  | 2,70  |
| 315        | 3,00 | 1152392  | 19,65  | 1152362  | 12,90  | 1152342  | 9,75   | 1152332  | 6,60  | 1152312  | 3,30  |
| 350        | 3,00 | 1153392  | 22,00  | 1153362  | 14,60  | 1153342  | 11,00  | 1153332  | 7,30  | 1153312  | 3,70  |
| 400        | 3,00 | 1154392  | 28,60  | 1154362  | 19,10  | 1154342  | 14,30  | 1154332  | 9,50  | 1154312  | 4,80  |
| 450        | 3,00 | 1155992  | 36,40  | 1155962  | 24,20  | 1155942  | 18,20  | 1155932  | 12,10 | 1155912  | 6,10  |
| 500        | 3,00 | 1156992  | 44,90  | 1156962  | 29,90  | 1156942  | 22,40  | 1156932  | 15,00 | 1156912  | 7,50  |
| 550        | 3,00 | 1157992  | 54,40  | 1157962  | 36,20  | 1157942  | 27,20  | 1157932  | 18,10 | 1157912  | 9,10  |
| 600        | 3,00 | 1158992  | 64,70  | 1158962  | 43,20  | 1158942  | 32,40  | 1158932  | 21,60 | 1158912  | 10,80 |
| 630        | 3,00 | 1159995  | 77,48  | 1159965  | 53,78  | 1159945  | 41,98  | 1159935  | 30,08 | 1159915  | 18,28 |
| 650        | 3,00 | 1160995  | 82,57  | 1160965  | 57,17  | 1160945  | 44,57  | 1160935  | 31,87 | 1160915  | 19,27 |
| 700        | 3,00 | 1161995  | 95,25  | 1161965  | 65,85  | 1161945  | 51,15  | 1161935  | 36,45 | 1161915  | 21,75 |
| 750        | 3,00 | 1162995  | 111,47 | 1162965  | 77,67  | 1162945  | 60,77  | 1162935  | 43,97 | 1162915  | 27,07 |
| 800        | 3,00 | 1163995  | 126,01 | 1163965  | 87,61  | 1163945  | 68,41  | 1163935  | 49,21 | 1163915  | 30,01 |
| 850        | 3,00 | 1164995  | 141,35 | 1164965  | 98,05  | 1164945  | 76,55  | 1164935  | 54,85 | 1164915  | 33,15 |
| 900        | 3,00 | 1165995  | 158,10 | 1165965  | 109,40 | 1165945  | 75,10  | 1165935  | 60,80 | 1165915  | 36,40 |
| 950        | 3,00 | 1166995  | 175,34 | 1166965  | 121,14 | 1166945  | 94,04  | 1166935  | 66,94 | 1166915  | 39,84 |
| 1000       | 3,00 | 1167995  | 193,68 | 1167965  | 133,58 | 1167945  | 103,58 | 1167935  | 73,48 | 1167915  | 43,48 |

Item numbers designated with  $D \leq 600$  mm are for segment bends assembled with pull rings [f.lyn]. Item numbers designated with  $D \geq 630$  mm are for ducts with flange [m.fl]. 2 and 3 mm ducts are also available for other assembly methods. See p. 7 for assembly methods.