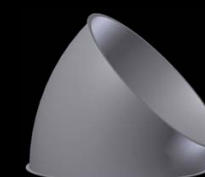
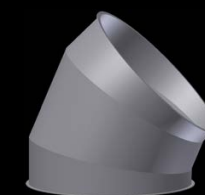


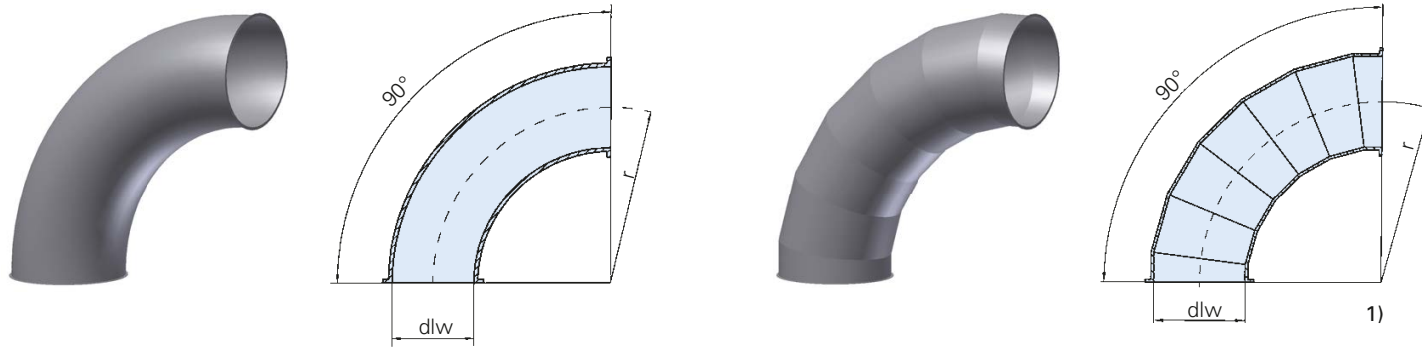


ROHRBÖGEN  
SEGMENTE  
*PIPE BENDS  
SEGMENTS*

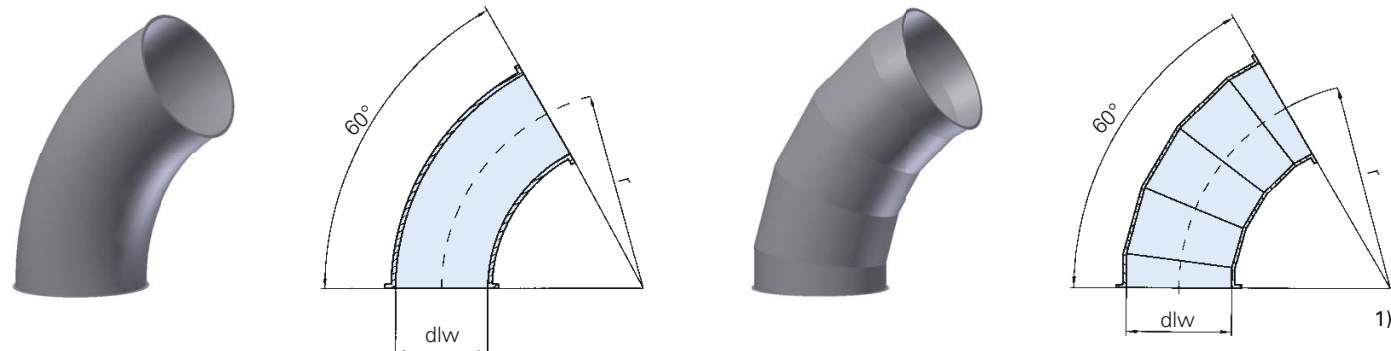
2



**Rohrbögen 90° R=2D / Pipe bends 90° R=2D**



**Rohrbögen 60° R=2D / Pipe bends 60° R=2D**



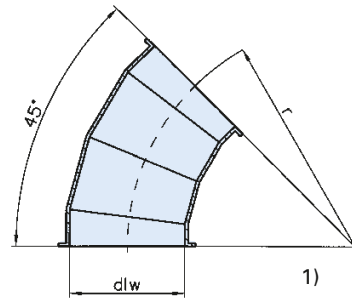
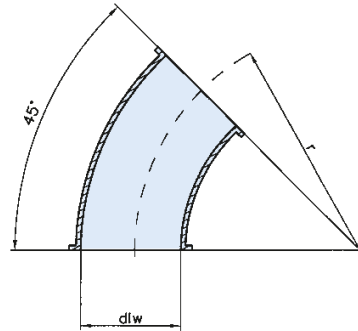
| DN                | dlw | Maße für 2 mm Rohrbau |   |   |   |   |       | kg |
|-------------------|-----|-----------------------|---|---|---|---|-------|----|
|                   |     | r                     | b | c | e | f | g     |    |
| 80                | 78  | 160                   |   |   |   |   | 0,50  |    |
| 100               | 99  | 200                   |   |   |   |   | 1,60  |    |
| 120               | 119 | 240                   |   |   |   |   | 2,30  |    |
| 150               | 149 | 300                   |   |   |   |   | 3,50  |    |
| 175               | 174 | 350                   |   |   |   |   | 4,80  |    |
| 200               | 199 | 400                   |   |   |   |   | 6,20  |    |
| 224 <sup>1)</sup> | 219 | 448                   |   |   |   |   | 7,90  |    |
| 250               | 249 | 500                   |   |   |   |   | 11,00 |    |
| 300               | 299 | 600                   |   |   |   |   | 13,60 |    |
| 315 <sup>1)</sup> | 312 | 630                   |   |   |   |   | 15,70 |    |
| 350 <sup>1)</sup> | 349 | 700                   |   |   |   |   | 19,90 |    |
| 400 <sup>1)</sup> | 398 | 800                   |   |   |   |   | 25,90 |    |
| 450 <sup>1)</sup> | 448 | 900                   |   |   |   |   | 32,80 |    |
| 500 <sup>1)</sup> | 498 | 1000                  |   |   |   |   | 40,30 |    |
| 560 <sup>1)</sup> | 558 | 1120                  |   |   |   |   | 49,80 |    |
| 600 <sup>1)</sup> | 598 | 1200                  |   |   |   |   | 58,00 |    |
| 630 <sup>1)</sup> | 628 | 1260                  |   |   |   |   | 61,00 |    |
| 80                | 78  | 160                   |   |   |   |   | 0,35  |    |
| 100               | 99  | 200                   |   |   |   |   | 1,10  |    |
| 120               | 119 | 240                   |   |   |   |   | 1,60  |    |
| 150               | 149 | 300                   |   |   |   |   | 2,30  |    |
| 175               | 174 | 350                   |   |   |   |   | 3,20  |    |
| 200               | 199 | 400                   |   |   |   |   | 4,40  |    |
| 224 <sup>1)</sup> | 219 | 448                   |   |   |   |   | 5,20  |    |
| 250               | 249 | 500                   |   |   |   |   | 7,00  |    |
| 300               | 299 | 600                   |   |   |   |   | 9,50  |    |
| 315 <sup>1)</sup> | 312 | 630                   |   |   |   |   | 10,50 |    |
| 350 <sup>1)</sup> | 349 | 700                   |   |   |   |   | 13,30 |    |
| 400 <sup>1)</sup> | 398 | 800                   |   |   |   |   | 17,30 |    |
| 450 <sup>1)</sup> | 448 | 900                   |   |   |   |   | 21,50 |    |
| 500 <sup>1)</sup> | 498 | 1000                  |   |   |   |   | 26,90 |    |
| 560 <sup>1)</sup> | 558 | 1120                  |   |   |   |   | 33,20 |    |
| 600 <sup>1)</sup> | 598 | 1200                  |   |   |   |   | 38,70 |    |
| 630 <sup>1)</sup> | 628 | 1260                  |   |   |   |   | 41,00 |    |

| DC 01 1,5 mm                    |        | DC 01 2 mm                      |        | DC 01 3 mm                      |        | DC 01 1,5 mm          |        | VA 1.4301 1,5 mm          |        | VA 1.4301 2 mm            |         |
|---------------------------------|--------|---------------------------------|--------|---------------------------------|--------|-----------------------|--------|---------------------------|--------|---------------------------|---------|
| pulverbeschichtet powder coated |        | pulverbeschichtet powder coated |        | pulverbeschichtet powder coated |        | verzinkt galvanized   |        | Edelstahl stainless steel |        | Edelstahl stainless steel |         |
| Art.-Nr.                        | €      | Art.-Nr.                        | €      | Art.-Nr.                        | €      | Art.-Nr.              | €      | Art.-Nr.                  | €      | Art.-Nr.                  | €       |
| 0811016                         | 27,30  |                                 |        |                                 |        | 0812016               | 31,60  | 0813016                   | 66,40  |                           |         |
| 1011016                         | 27,80  | 1021016                         | 30,40  |                                 |        | 1012016               | 32,10  | 1013016                   | 67,00  | 1023016                   | 98,50   |
| 1211016                         | 33,30  | 1221016                         | 38,00  |                                 |        | 1212016               | 37,70  | 1213016                   | 85,00  | 1223016                   | 123,40  |
| 1511016                         | 41,60  | 1521016                         | 50,60  | 1531016                         | 81,90  | 1512016               | 46,50  | 1513016                   | 117,80 | 1523016                   | 168,00  |
| 1711016                         | 44,90  | 1721016                         | 56,40  | 1731016                         | 85,50  | 1712016               | 53,20  | 1713016                   | 131,90 | 1723016                   | 191,80  |
| 2011016                         | 51,80  | 2021016                         | 69,10  | 2031016                         | 118,30 | 2012016               | 64,20  | 2013016                   | 147,60 | 2023016                   | 212,10  |
| 2211016                         | 97,50  | 2221016                         | 125,30 | 2231016                         | 200,60 | 2212016               | 110,10 | 2213016                   | 272,60 | 2223016                   | 346,40  |
| 2511016                         | 108,00 | 2521016                         | 127,70 | 2531016                         | 205,30 | 2512016               | 126,30 | 2513016                   | 280,00 | 2523016                   | 361,10  |
| 3011016 <sup>1)</sup>           | 163,50 | 3021016                         | 176,90 | 3031016                         | 241,00 | 3012016 <sup>1)</sup> | 191,10 | 3013016 <sup>1)</sup>     | 374,70 | 3023016                   | 395,90  |
| 3111020                         | 176,90 | 3121020                         | 184,00 | 3131020                         | 246,30 | 3112020               | 199,20 | 3113020                   | 383,90 | 3123020                   | 410,20  |
| 3511020                         | 186,30 | 3521020                         | 187,90 | 3531020                         | 248,50 | 3512020               | 201,60 | 3513020                   | 401,70 | 3523020                   | 412,80  |
| 4011020                         | 221,20 | 4021020                         | 222,60 | 4031020                         | 277,40 | 4012020               | 237,90 | 4013020                   | 477,10 | 4023020                   | 490,60  |
| 4511020                         | 290,50 | 4521020                         | 295,80 | 4531020                         | 340,40 | 4512020               | 308,40 | 4513020                   | 561,10 | 4523020                   | 618,00  |
| 5011020                         | 312,20 | 5021020                         | 318,10 | 5031020                         | 399,60 | 5012020               | 340,30 | 5013020                   | 637,80 | 5023020                   | 747,50  |
| 5611020                         | 338,20 | 5621020                         | 371,20 | 5631020                         | 423,80 | 5612020               | 389,90 | 5613020                   | 726,60 | 5623020                   | 869,30  |
| 6011020                         | 381,60 | 6021020                         | 414,00 | 6031020                         | 525,80 | 6012020               | 425,90 | 6013020                   | 745,70 | 6023020                   | 993,40  |
| 6311020                         | 420,90 | 6321020                         | 435,90 | 6331020                         | 535,30 | 6312020               | 469,40 | 6313020                   | 851,80 | 6323020                   | 1029,30 |
| 0811017                         | 22,30  |                                 |        |                                 |        | 0812017               | 24,80  | 0813017                   | 53,20  |                           |         |
| 1011017                         | 22,80  | 1021017                         | 23,30  |                                 |        | 1012017               | 25,60  | 1013017                   | 54,40  | 1023017                   | 77,40   |
| 1211017                         | 23,90  | 1221017                         | 32,40  |                                 |        | 1212017               | 26,90  | 1213017                   | 76,50  | 1223017                   | 114,30  |
| 1511017                         | 29,50  | 1521017                         | 37,80  | 1531017                         | 56,40  | 1512017               | 33,00  | 1513017                   | 88,00  | 1523017                   | 121,60  |
| 1711017                         | 32,50  | 1721017                         | 41,10  | 1731017                         | 61,50  | 1712017               | 43,50  | 1713017                   | 94,80  | 1723017                   | 137,60  |
| 2011017                         | 38,00  | 2021017                         | 53,40  | 2031017                         | 90,60  | 2012017               | 48,80  | 2013017                   | 115,50 | 2023017                   | 170,50  |
| 2211017                         | 79,80  | 2221017                         | 90,60  | 2231017                         | 125,70 | 2212017               | 89,30  | 2213017                   | 173,20 | 2223017                   | 271,20  |
| 2511017                         | 85,10  | 2521017                         | 94,50  | 2531017                         | 130,90 | 2512017               | 93,80  | 2513017                   | 178,70 | 2523017                   | 276,30  |
| <sup>1)</sup> 3011017           | 110,20 | 3021017                         | 126,00 | 3031017                         | 153,70 | 3012017 <sup>1)</sup> | 124,40 | 3013017 <sup>1)</sup>     | 222,20 | 3023017                   | 287,60  |
| 3111021                         | 121,50 | 3121021                         | 133,90 | 3131021                         | 158,80 | 3112021               | 144,10 | 3113021                   | 288,40 | 3123021                   | 294,50  |
| 3511021                         | 123,80 | 3521021                         | 136,70 | 3531021                         | 162,40 | 3512021               | 148,90 | 3513021                   | 293,00 | 3523021                   | 300,90  |
| 4011021                         | 152,80 | 4021021                         | 158,40 | 4031021                         | 198,60 | 4012021               | 169,10 | 4013021                   | 313,40 | 4023021                   | 349,30  |
| 4511021                         | 176,90 | 4521021                         | 182,80 | 4531021                         | 222,90 | 4512021               | 199,30 | 4513021                   | 404,10 | 4523021                   | 449,50  |
| 5011021                         | 196,10 | 5021021                         | 208,60 | 5031021                         | 255,10 | 5012021               | 212,90 | 5013021                   | 419,90 | 5023021                   | 501,70  |
| 5611021                         | 212,10 | 5621021                         | 248,90 | 5631021                         | 318,10 | 5612021               | 249,20 | 5613021                   | 470,40 | 5623021                   | 570,20  |
| 6011021                         | 248,50 | 6021021                         | 287,40 | 6031021                         | 348,30 | 6012021               | 268,80 | 6013021                   | 519,90 | 6023021                   | 602,40  |
| 6311021                         | 284,00 | 6321021                         | 321,80 | 6331021                         | 362,70 | 6312021               | 296,30 | 6313021                   | 600,70 | 6323021                   | 655,80  |

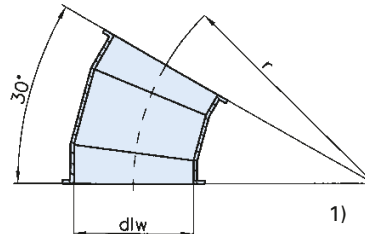
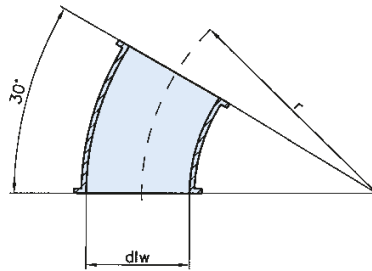
1) Segmentbauweise  
1) segmented construction

1) Segmentbauweise  
1) segmented construction

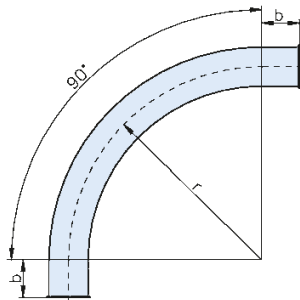
### Rohrbögen 45° R=2D / Pipe bends 45° R=2D



### Rohrbögen 30° R=2D / Pipe bends 30° R=2D



### Rohrbögen 90° R=5D / Pipe bends 90° R=5D



| Nennweite<br>Nominal diameter |     | Maße für 2 mm Rohrbau<br>Measurements for 2 mm piping |   |   |   |   |   | kg    |
|-------------------------------|-----|---|---|---|---|---|---|-------|
| DN                            | dlw | r   | b | c | e | f | g |       |
| 80                            | 78  | 160   |   |   |   |   |   | 0,30  |
| 100                           | 99  | 200   |   |   |   |   |   | 0,80  |
| 120                           | 119 | 240   |   |   |   |   |   | 1,20  |
| 150                           | 149 | 300   |   |   |   |   |   | 1,80  |
| 175                           | 174 | 350   |   |   |   |   |   | 2,40  |
| 200                           | 199 | 400   |   |   |   |   |   | 3,00  |
| 224 <sup>1)</sup>             | 219 | 448   |   |   |   |   |   | 4,00  |
| 250                           | 249 | 500   |   |   |   |   |   | 4,80  |
| 300                           | 299 | 600   |   |   |   |   |   | 7,20  |
| 315 <sup>1)</sup>             | 312 | 630   |   |   |   |   |   | 7,90  |
| 350 <sup>1)</sup>             | 349 | 700   |   |   |   |   |   | 9,90  |
| 400 <sup>1)</sup>             | 398 | 800   |   |   |   |   |   | 13,00 |
| 450 <sup>1)</sup>             | 448 | 900   |   |   |   |   |   | 16,40 |
| 500 <sup>1)</sup>             | 498 | 1000  |   |   |   |   |   | 20,20 |
| 560 <sup>1)</sup>             | 558 | 1120  |   |   |   |   |   | 25,00 |
| 600 <sup>1)</sup>             | 598 | 1200  |   |   |   |   |   | 29,00 |
| 630 <sup>1)</sup>             | 628 | 1260  |   |   |   |   |   | 30,04 |

|                   |     |      |  |  |  |  |  |       |
|-------------------|-----|------|--|--|--|--|--|-------|
| 80                | 78  | 160  |  |  |  |  |  | 0,30  |
| 100               | 99  | 200  |  |  |  |  |  | 0,60  |
| 120               | 119 | 240  |  |  |  |  |  | 0,80  |
| 150               | 149 | 300  |  |  |  |  |  | 1,20  |
| 175               | 174 | 350  |  |  |  |  |  | 1,60  |
| 200               | 199 | 400  |  |  |  |  |  | 2,10  |
| 224 <sup>1)</sup> | 219 | 448  |  |  |  |  |  | 2,72  |
| 250               | 249 | 500  |  |  |  |  |  | 3,40  |
| 300               | 299 | 600  |  |  |  |  |  | 4,50  |
| 315 <sup>1)</sup> | 312 | 630  |  |  |  |  |  | 5,50  |
| 350 <sup>1)</sup> | 349 | 700  |  |  |  |  |  | 6,60  |
| 400 <sup>1)</sup> | 398 | 800  |  |  |  |  |  | 8,60  |
| 450 <sup>1)</sup> | 448 | 900  |  |  |  |  |  | 10,90 |
| 500 <sup>1)</sup> | 498 | 1000 |  |  |  |  |  | 13,40 |
| 560 <sup>1)</sup> | 558 | 1120 |  |  |  |  |  | 16,80 |
| 600 <sup>1)</sup> | 598 | 1200 |  |  |  |  |  | 19,30 |
| 630 <sup>1)</sup> | 628 | 1260 |  |  |  |  |  | 20,30 |

|     |     |      |     |  |  |  |  |       |
|-----|-----|------|-----|--|--|--|--|-------|
| 80  | 78  | 500  | 200 |  |  |  |  | 1,90  |
| 100 | 99  | 500  | 200 |  |  |  |  | 4,00  |
| 120 | 119 | 600  | 200 |  |  |  |  | 5,70  |
| 150 | 149 | 750  | 200 |  |  |  |  | 9,00  |
| 175 | 174 | 875  | 200 |  |  |  |  | 12,20 |
| 200 | 199 | 1000 | 200 |  |  |  |  | 19,90 |
| 250 | 249 | 1250 | 200 |  |  |  |  | 29,80 |
| 300 | 299 | 1500 | 200 |  |  |  |  | 41,80 |

30°, 45°, 60° auf Anfrage  
30°, 45°, 60° upon request

| DC 01 1,5 mm                       | DC 01 2 mm                         | DC 01 3 mm                         | DC 01 1,5 mm           | VA 1.4301 1,5 mm             | VA 1.4301 2 mm               |
|------------------------------------|------------------------------------|------------------------------------|------------------------|------------------------------|------------------------------|
| pulverbeschichtet<br>powder coated | pulverbeschichtet<br>powder coated | pulverbeschichtet<br>powder coated | verzinkt<br>galvanized | Edelstahl<br>stainless steel | Edelstahl<br>stainless steel |
| Art.-Nr.                           | €                                  | Art.-Nr.                           | €                      | Art.-Nr.                     | €                            |
| 0811018                            | 16,90                              |                                    |                        | 0812018                      | 21,40                        |
| 1011018                            | 17,40                              | 1021018                            | 19,80                  | 1012018                      | 22,40                        |
| 1211018                            | 19,80                              | 1221018                            | 23,20                  | 1212018                      | 23,20                        |
| 1511018                            | 26,50                              | 1521018                            | 32,10                  | 1512018                      | 30,20                        |
| 1711018                            | 30,10                              | 1721018                            | 35,60                  | 1712018                      | 35,60                        |
| 2011018                            | 34,00                              | 2021018                            | 38,60                  | 2012018                      | 38,90                        |
| 2211018                            | 45,10                              | 2221018                            | 55,60                  | 2212018                      | 54,50                        |
| 2511018                            | 46,50                              | 2521018                            | 56,80                  | 2512018                      | 55,40                        |
| 3011018 <sup>1)</sup>              | 80,60                              | 3021018                            | 92,90                  | 3012018 <sup>1)</sup>        | 92,40                        |
| 3111022                            | 87,20                              | 3121022                            | 96,20                  | 3112022                      | 98,00                        |
| 3511022                            | 90,30                              | 3521022                            | 98,90                  | 3512022                      | 100,10                       |
| 4011022                            | 108,00                             | 4021022                            | 118,30                 | 4012022                      | 121,40                       |
| 4511022                            | 127,60                             | 4521022                            | 144,20                 | 4512022                      | 140,80                       |
| 5011022                            | 140,60                             | 5021022                            | 163,00                 | 5012022                      | 159,10                       |
| 5611022                            | 159,80                             | 5621022                            | 181,90                 | 5612022                      | 183,50                       |
| 6011022                            | 166,80                             | 6021022                            | 198,50                 | 6012022                      | 192,80                       |
| 6311022                            | 183,80                             | 6321022                            | 218,00                 | 6312022                      | 220,40                       |

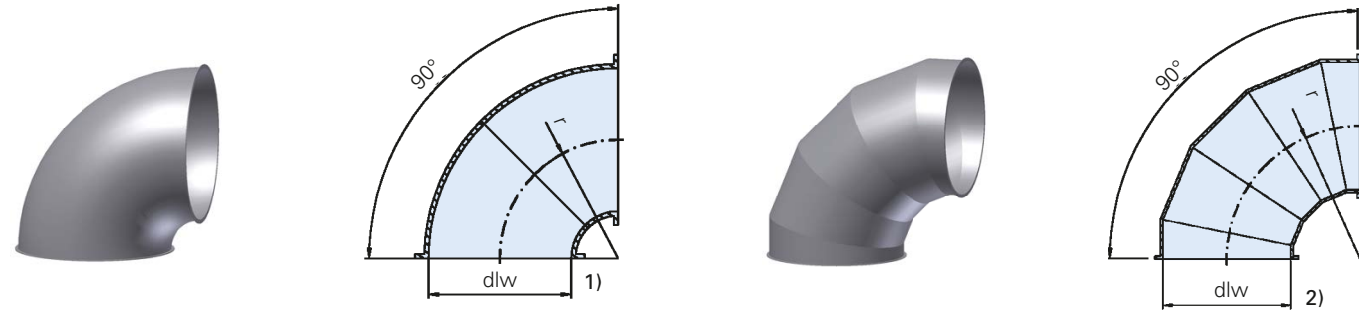
1) Segmentbauweise  
1) segmented construction

|                       |        |         |        |                       |        |
|-----------------------|--------|---------|--------|-----------------------|--------|
| 0811019               | 12,70  |         |        | 0812019               | 14,50  |
| 1011019               | 13,30  | 1021019 | 14,20  | 1012019               | 15,30  |
| 1211019               | 15,30  | 1221019 | 20,80  | 1212019               | 16,40  |
| 1511019               | 19,80  | 1521019 | 26,20  | 1512019               | 21,90  |
| 1711019               | 23,20  | 1721019 | 28,20  | 1712019               | 25,90  |
| 2011019               | 27,40  | 2021019 | 34,50  | 2012019               | 32,00  |
| 2211019               | 34,60  | 2221019 | 41,00  | 2212019               | 39,30  |
| 2511019               | 35,90  | 2521019 | 42,10  | 2512019               | 40,50  |
| 3011019 <sup>1)</sup> | 50,80  | 3021019 | 65,20  | 3012019 <sup>1)</sup> | 61,80  |
| 3111023               | 60,30  | 3121023 | 70,70  | 3112023               | 67,30  |
| 3511023               | 62,30  | 3521023 | 72,10  | 3512023               | 69,30  |
| 4011023               | 71,60  | 4021023 | 87,20  | 4012023               | 82,50  |
| 4511023               | 79,70  | 4521023 | 99,80  | 4512023               | 94,60  |
| 5011023               | 91,30  | 5021023 | 111,50 | 5012023               | 108,30 |
| 5611023               | 113,10 | 5621023 | 132,00 | 5612023               | 133,70 |
| 6011023               | 119,00 | 6021023 | 142,30 | 6012023               | 142,30 |
| 6311023               | 140,70 | 6321023 | 168,40 | 6312023               | 169,60 |

1) Segmentbauweise  
1) segmented construction

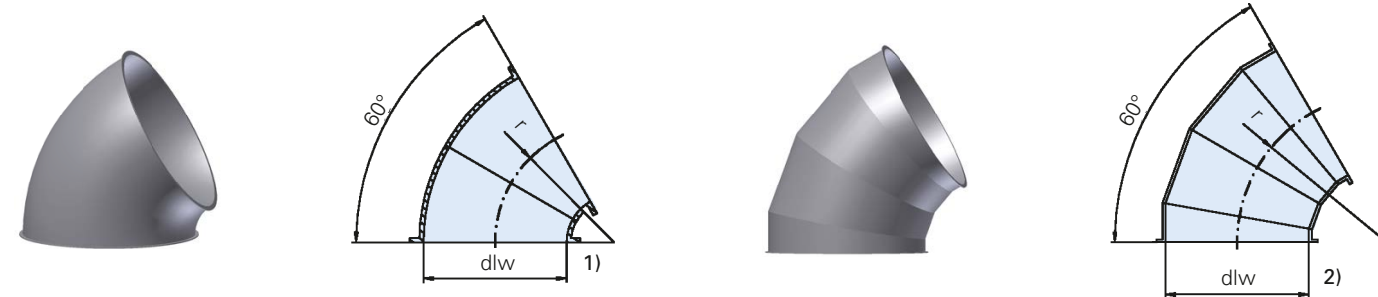
|  |  |         |        |         |         |
|--|--|---------|--------|---------|---------|
|  |  | 0821516 | 204,70 |         |         |
|  |  | 1021516 | 270,40 |         |         |
|  |  | 1221516 | 300,40 |         |         |
|  |  | 1521516 | 374,90 |         |         |
|  |  | 1721516 | 491,80 |         |         |
|  |  | 2021516 | 511,70 |         |         |
|  |  | 2521516 | 639,80 |         |         |
|  |  | 3021516 | 979,00 |         |         |
|  |  |         |        | 0823516 | 238,90  |
|  |  |         |        | 1023516 | 366,00  |
|  |  |         |        | 1223516 | 400,70  |
|  |  |         |        | 1523516 | 428,20  |
|  |  |         |        | 1723516 | 684,20  |
|  |  |         |        | 2023516 | 853,20  |
|  |  |         |        | 2523516 | 1254,90 |
|  |  |         |        | 3023516 | 1755,80 |

**Rohrbögen 90° kleiner Radius / Pipe bends 90° little radius**



bis DN 300 verschweißt aus 2 balligen Segmenten<sup>1)</sup>,  
DN 315 - 630 in Segmentbauweise<sup>2)</sup>  
up to DN 300 made of 2 spherical segments<sup>1)</sup>, DN 315 - 630 segmented<sup>2)</sup>

**Rohrbögen 60° kleiner Radius / Pipe bends 60° little radius**

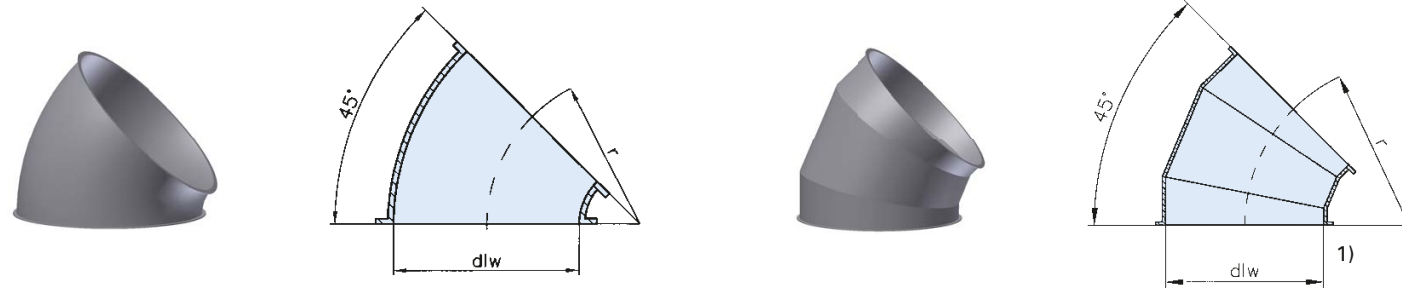


bis DN 300 verschweißt aus 2 balligen Segmenten<sup>1)</sup>,  
DN 315 - 630 in Segmentbauweise<sup>2)</sup>  
up to DN 300 made of 2 spherical segments<sup>1)</sup>, DN 315 - 630 segmented<sup>2)</sup>

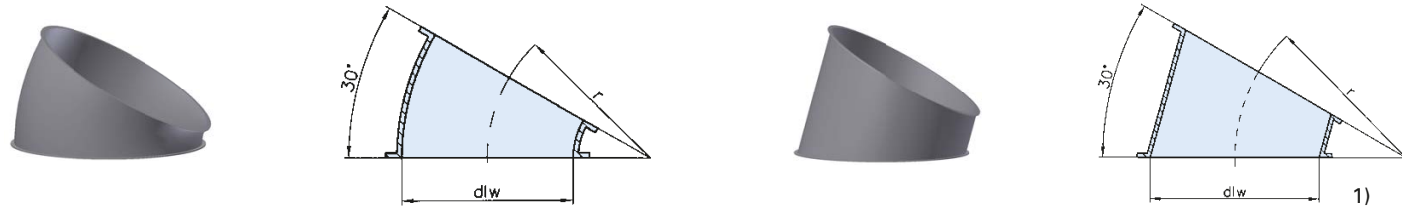
| DN                | Maße für 2 mm Rohrbau<br>Measurements for 2 mm piping |     |   |   |   |   |   | kg    |
|-------------------|---|-----|---|---|---|---|---|-------|
|                   | dlw   | r   | b | c | e | f | g |       |
| 80 <sup>1)</sup>  | 78  | 80  |   |   |   |   |   | 0,50  |
| 100 <sup>1)</sup> | 99  | 88  |   |   |   |   |   | 0,78  |
| 120 <sup>1)</sup> | 119   | 89  |   |   |   |   |   | 1,12  |
| 150 <sup>1)</sup> | 149   | 160 |   |   |   |   |   | 1,74  |
| 175 <sup>1)</sup> | 174   | 170 |   |   |   |   |   | 2,37  |
| 200 <sup>1)</sup> | 199   | 200 |   |   |   |   |   | 3,10  |
| 224 <sup>2)</sup> | 219   | 224 |   |   |   |   |   | 4,00  |
| 250 <sup>1)</sup> | 249   | 205 |   |   |   |   |   | 4,85  |
| 300 <sup>1)</sup> | 299   | 215 |   |   |   |   |   | 6,98  |
| 315 <sup>2)</sup> | 312   | 315 |   |   |   |   |   | 7,80  |
| 350 <sup>2)</sup> | 349   | 350 |   |   |   |   |   | 9,50  |
| 400 <sup>2)</sup> | 399   | 400 |   |   |   |   |   | 12,41 |
| 450 <sup>2)</sup> | 449   | 450 |   |   |   |   |   | 15,70 |
| 500 <sup>2)</sup> | 499   | 500 |   |   |   |   |   | 19,38 |
| 560 <sup>2)</sup> | 557   | 560 |   |   |   |   |   | 24,32 |
| 600 <sup>2)</sup> | 599   | 600 |   |   |   |   |   | 27,91 |
| 630 <sup>2)</sup> | 627   | 630 |   |   |   |   |   | 30,77 |
| 80 <sup>1)</sup>  | 78  | 92  |   |   |   |   |   | 0,33  |
| 100 <sup>1)</sup> | 99  | 101 |   |   |   |   |   | 0,52  |
| 120 <sup>1)</sup> | 119   | 112 |   |   |   |   |   | 0,74  |
| 150 <sup>1)</sup> | 149   | 190 |   |   |   |   |   | 1,16  |
| 175 <sup>1)</sup> | 174   | 215 |   |   |   |   |   | 1,58  |
| 200 <sup>1)</sup> | 199   | 193 |   |   |   |   |   | 2,07  |
| 224 <sup>2)</sup> | 219   | 224 |   |   |   |   |   | 2,60  |
| 250 <sup>1)</sup> | 249   | 240 |   |   |   |   |   | 3,23  |
| 300 <sup>1)</sup> | 299   | 240 |   |   |   |   |   | 4,65  |
| 315 <sup>2)</sup> | 312   | 315 |   |   |   |   |   | 5,20  |
| 350 <sup>2)</sup> | 349   | 350 |   |   |   |   |   | 6,33  |
| 400 <sup>2)</sup> | 399   | 400 |   |   |   |   |   | 8,27  |
| 450 <sup>2)</sup> | 449   | 450 |   |   |   |   |   | 10,47 |
| 500 <sup>2)</sup> | 499   | 500 |   |   |   |   |   | 12,92 |
| 560 <sup>2)</sup> | 557   | 560 |   |   |   |   |   | 16,21 |
| 600 <sup>2)</sup> | 599   | 600 |   |   |   |   |   | 18,61 |
| 630 <sup>2)</sup> | 627   | 630 |   |   |   |   |   | 20,52 |

| DC 01 1,5 mm                       |        | DC 01 2 mm                         |        | DC 01 3 mm                         |        | DC 01 1,5 mm           |        | VA 1.4301 1,5 mm             |        | VA 1.4301 2 mm               |        |
|------------------------------------|--------|------------------------------------|--------|------------------------------------|--------|------------------------|--------|------------------------------|--------|------------------------------|--------|
| pulverbeschichtet<br>powder coated |        | pulverbeschichtet<br>powder coated |        | pulverbeschichtet<br>powder coated |        | verzinkt<br>galvanized |        | Edelstahl<br>stainless steel |        | Edelstahl<br>stainless steel |        |
| Art.-Nr.                           | €      | Art.-Nr.                           | €      | Art.-Nr.                           | €      | Art.-Nr.               | €      | Art.-Nr.                     | €      | Art.-Nr.                     | €      |
| 0811220                            | 27,10  |                                    |        |                                    |        | 0812220                | 28,70  | 0813220                      | 60,10  |                              |        |
| 1011220                            | 28,40  | 1021220                            | 29,90  |                                    |        | 1012220                | 29,90  | 1013220                      | 61,90  | 1023220                      | 70,50  |
| 1211220                            | 30,80  | 1221220                            | 32,90  |                                    |        | 1212220                | 32,50  | 1213220                      | 68,30  | 1223220                      | 81,10  |
| 1511220                            | 34,40  | 1521220                            | 38,40  | 1531220                            | 58,30  | 1512220                | 36,70  | 1513220                      | 78,80  | 1523220                      | 99,10  |
| 1711220                            | 41,60  | 1721220                            | 47,50  | 1731220                            | 66,20  | 1712220                | 47,10  | 1713220                      | 92,90  | 1723220                      | 129,00 |
| 2011220                            | 46,10  | 2021220                            | 55,30  | 2031220                            | 72,90  | 2012220                | 54,20  | 2013220                      | 110,10 | 2023220                      | 141,00 |
| 2211220                            | 58,50  | 2221220                            | 65,20  | 2231220                            | 93,80  | 2212220                | 66,30  | 2213220                      | 136,40 | 2223220                      | 181,10 |
| 2511220                            | 60,30  | 2521220                            | 67,90  | 2531220                            | 96,80  | 2512220                | 69,30  | 2513220                      | 139,10 | 2523220                      | 188,50 |
| 3011220                            | 78,70  | 3021220                            | 83,10  | 3031220                            | 112,90 | 3012220                | 89,60  | 3013220                      | 166,20 | 3023220                      | 241,10 |
| 3111220                            | 120,30 | 3121220                            | 135,70 | 3131220                            | 160,80 | 3112220                | 137,10 | 3113220                      | 234,70 | 3123220                      | 282,50 |
| 3511220                            | 123,80 | 3521220                            | 139,40 | 3531220                            | 164,50 | 3512220                | 140,10 | 3513220                      | 241,90 | 3523220                      | 292,90 |
| 4011220                            | 140,50 | 4021220                            | 171,70 | 4031220                            | 186,20 | 4012220                | 162,70 | 4013220                      | 276,90 | 4023220                      | 318,10 |
| 4511220                            | 149,80 | 4521220                            | 186,30 | 4531220                            | 218,80 | 4512220                | 177,10 | 4513220                      | 327,70 | 4523220                      | 380,50 |
| 5011220                            | 181,70 | 5021220                            | 219,70 | 5031220                            | 252,00 | 5012220                | 202,40 | 5013220                      | 385,60 | 5023220                      | 458,30 |
| 5611220                            | 210,10 | 5621220                            | 230,20 | 5631220                            | 287,30 | 5612220                | 235,50 | 5613220                      | 442,50 | 5623220                      | 494,10 |
| 6011220                            | 238,60 | 6021220                            | 258,50 | 6031220                            | 321,30 | 6012220                | 268,10 | 6013220                      | 465,30 | 6023220                      | 517,60 |
| 6311220                            | 248,40 | 6321220                            | 272,40 | 6331220                            | 354,10 | 6312220                | 280,70 | 6313220                      | 479,20 | 6323220                      | 531,40 |
| 0811221                            | 25,20  |                                    |        |                                    |        | 0812221                | 26,60  | 0813221                      | 59,60  |                              |        |
| 1011221                            | 26,30  | 1021221                            | 28,60  |                                    |        | 1012221                | 28,00  | 1013221                      | 61,20  | 1023221                      | 68,70  |
| 1211221                            | 28,50  | 1221221                            | 31,30  |                                    |        | 1212221                | 30,00  | 1213221                      | 66,40  | 1223221                      | 77,10  |
| 1511221                            | 32,30  | 1521221                            | 36,10  | 1531221                            | 55,60  | 1512221                | 33,60  | 1513221                      | 71,80  | 1523221                      | 91,90  |
| 1711221                            | 37,00  | 1721221                            | 45,00  | 1731221                            | 62,00  | 1712221                | 43,30  | 1713221                      | 88,10  | 1723221                      | 117,50 |
| 2011221                            | 40,60  | 2021221                            | 47,30  | 2031221                            | 66,80  | 2012221                | 46,10  | 2013221                      | 92,40  | 2023221                      | 124,90 |
| 2211221                            | 54,10  | 2221221                            | 59,80  | 2231221                            | 84,50  | 2212221                | 60,40  | 2213221                      | 125,30 | 2223221                      | 163,20 |
| 2511221                            | 56,10  | 2521221                            | 63,30  | 2531221                            | 87,30  | 2512221                | 63,50  | 2513221                      | 129,70 | 2523221                      | 167,20 |
| 3011221                            | 70,40  | 3021221                            | 75,50  | 3031221                            | 93,00  | 3012221                | 74,70  | 3013221                      | 145,00 | 3023221                      | 181,30 |
| 3111221                            | 70,70  | 3121221                            | 77,50  | 3131221                            | 96,30  | 3112221                | 77,70  | 3113221                      | 162,20 | 3123221                      | 186,30 |
| 3511221                            | 74,30  | 3521221                            | 81,20  | 3531221                            | 99,40  | 3512221                | 82,20  | 3513221                      | 167,40 | 3523221                      | 190,70 |
| 4011221                            | 79,90  | 4021221                            | 101,60 | 4031221                            | 121,20 | 4012221                | 96,20  | 4013221                      | 191,80 | 4023221                      | 238,10 |
| 4511221                            | 93,40  | 4521221                            | 107,40 | 4531221                            | 129,20 | 4512221                | 106,60 | 4513221                      | 218,80 | 4523221                      | 248,00 |
| 5011221                            | 105,10 | 5021221                            | 117,70 | 5031221                            | 145,20 | 5012221                | 119,00 | 5013221                      | 235,20 | 5023221                      | 266,20 |
| 5611221                            | 120,00 | 5621221                            | 137,00 | 5631221                            | 178,50 | 5612221                | 141,00 | 5613221                      | 277,90 | 5623221                      | 309,10 |
| 6011221                            | 134,50 | 6021221                            | 155,00 | 6031221                            | 199,30 | 6012221                | 156,10 | 6013221                      | 318,20 | 6023221                      | 349,90 |
| 6311221                            | 147,20 | 6321221                            | 162,10 | 6331221                            | 204,90 | 6312221                | 169,80 | 6313221                      | 342,60 | 6323221                      | 368,20 |

Segmente 45°, ballig und gerade / Segments 45°, spherical and straight



Segmente 30°, ballig und gerade / Segments 30°, spherical and straight



| DN                | Maße für 2 mm Rohrbau<br>Measurements for 2 mm piping |     |   |   |   |   |   | kg    |
|-------------------|---|-----|---|---|---|---|---|-------|
|                   | dlw   | r   | b | c | e | f | g |       |
| 80                | 78  | 80  |   |   |   |   |   | 0,15  |
| 100               | 99  | 83  |   |   |   |   |   | 0,40  |
| 120               | 119   | 88  |   |   |   |   |   | 0,50  |
| 150               | 149   | 150 |   |   |   |   |   | 1,00  |
| 175               | 174   | 160 |   |   |   |   |   | 1,30  |
| 200               | 199   | 195 |   |   |   |   |   | 1,70  |
| 224 <sup>1)</sup> | 219   | 224 |   |   |   |   |   | 2,00  |
| 250               | 249   | 195 |   |   |   |   |   | 2,20  |
| 300               | 299   | 205 |   |   |   |   |   | 2,80  |
| 315 <sup>1)</sup> | 312   | 315 |   |   |   |   |   | 3,80  |
| 350 <sup>1)</sup> | 349   | 350 |   |   |   |   |   | 5,40  |
| 400 <sup>1)</sup> | 398   | 400 |   |   |   |   |   | 7,00  |
| 450 <sup>1)</sup> | 448   | 450 |   |   |   |   |   | 8,80  |
| 500 <sup>1)</sup> | 498   | 500 |   |   |   |   |   | 10,80 |
| 560 <sup>1)</sup> | 558   | 560 |   |   |   |   |   | 13,00 |
| 600 <sup>1)</sup> | 598   | 600 |   |   |   |   |   | 15,40 |
| 630 <sup>1)</sup> | 628   | 630 |   |   |   |   |   | 16,10 |

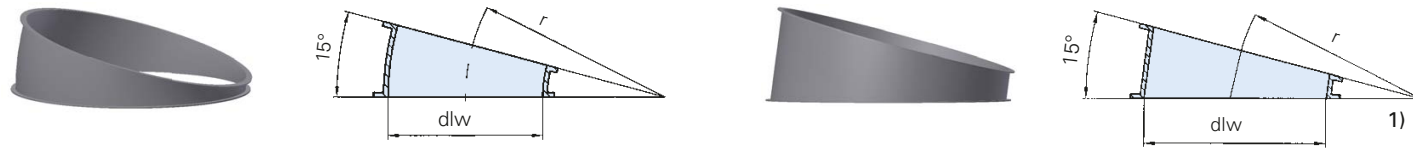
|                   |     |     |  |  |  |  |  |       |
|-------------------|-----|-----|--|--|--|--|--|-------|
| 80                | 78  | 100 |  |  |  |  |  | 0,10  |
| 100               | 99  | 95  |  |  |  |  |  | 0,30  |
| 120               | 119 | 110 |  |  |  |  |  | 0,44  |
| 150               | 149 | 175 |  |  |  |  |  | 0,80  |
| 175               | 174 | 208 |  |  |  |  |  | 1,10  |
| 200               | 199 | 180 |  |  |  |  |  | 1,20  |
| 224 <sup>1)</sup> | 219 | 224 |  |  |  |  |  | 1,50  |
| 250               | 249 | 230 |  |  |  |  |  | 1,70  |
| 300               | 299 | 230 |  |  |  |  |  | 2,10  |
| 315 <sup>1)</sup> | 312 | 330 |  |  |  |  |  | 2,60  |
| 350 <sup>1)</sup> | 349 | 350 |  |  |  |  |  | 3,60  |
| 400 <sup>1)</sup> | 398 | 410 |  |  |  |  |  | 4,70  |
| 450 <sup>1)</sup> | 448 | 470 |  |  |  |  |  | 5,90  |
| 500 <sup>1)</sup> | 498 | 520 |  |  |  |  |  | 7,20  |
| 560 <sup>1)</sup> | 558 | 570 |  |  |  |  |  | 9,00  |
| 600 <sup>1)</sup> | 598 | 610 |  |  |  |  |  | 10,30 |
| 630 <sup>1)</sup> | 628 | 640 |  |  |  |  |  | 12,00 |

| DC 01 1,5 mm                       |        | DC 01 2 mm                         |        | DC 01 3 mm                         |        | DC 01 1,5 mm           |        | VA 1.4301 1,5 mm             |        | VA 1.4301 2 mm               |        |
|------------------------------------|--------|------------------------------------|--------|------------------------------------|--------|------------------------|--------|------------------------------|--------|------------------------------|--------|
| pulverbeschichtet<br>powder coated |        | pulverbeschichtet<br>powder coated |        | pulverbeschichtet<br>powder coated |        | verzinkt<br>galvanized |        | Edelstahl<br>stainless steel |        | Edelstahl<br>stainless steel |        |
| Art.-Nr.                           | €      | Art.-Nr.                           | €      | Art.-Nr.                           | €      | Art.-Nr.               | €      | Art.-Nr.                     | €      | Art.-Nr.                     | €      |
| 0811024                            | 5,20   |                                    |        |                                    |        | 0812024                | 6,20   | 0813024                      | 15,70  |                              |        |
| 1011024                            | 5,30   | 1021024                            | 6,30   |                                    |        | 1012024                | 6,30   | 1013024                      | 16,00  | 1023024                      | 20,60  |
| 1211024                            | 6,10   | 1221024                            | 7,00   |                                    |        | 1212024                | 6,80   | 1213024                      | 18,70  | 1223024                      | 25,10  |
| 1511024                            | 7,10   | 1521024                            | 9,00   | 1531024                            | 19,00  | 1512024                | 8,20   | 1513024                      | 23,20  | 1523024                      | 33,40  |
| 1711024                            | 10,10  | 1721024                            | 12,80  | 1731024                            | 22,20  | 1712024                | 12,60  | 1713024                      | 29,60  | 1723024                      | 47,60  |
| 2011024                            | 11,50  | 2021024                            | 16,00  | 2031024                            | 25,00  | 2012024                | 15,50  | 2013024                      | 37,40  | 2023024                      | 52,90  |
| 2211024                            | 14,10  | 2221024                            | 17,40  | 2231024                            | 31,80  | 2212024                | 17,90  | 2213024                      | 40,90  | 2223024                      | 63,30  |
| 2511024                            | 14,30  | 2521024                            | 18,00  | 2531024                            | 32,50  | 2512024                | 18,70  | 2513024                      | 41,50  | 2523024                      | 66,30  |
| 3011024                            | 22,00  | 3021024                            | 24,30  | 3031024                            | 39,20  | 3012024                | 27,40  | 3013024                      | 53,60  | 3023024                      | 91,30  |
| 3111024                            | 51,50  | 3121024                            | 59,20  | 3131024                            | 71,60  | 3112024                | 59,80  | 3113024                      | 108,60 | 3123024                      | 132,60 |
| 3511024                            | 52,10  | 3521024                            | 59,90  | 3531024                            | 72,50  | 3512024                | 60,20  | 3513024                      | 111,20 | 3523024                      | 136,70 |
| 4011024                            | 59,20  | 4021024                            | 74,80  | 4031024                            | 82,00  | 4012024                | 70,30  | 4013024                      | 127,30 | 4023024                      | 148,00 |
| 4511024                            | 62,50  | 4521024                            | 80,80  | 4531024                            | 96,90  | 4512024                | 76,10  | 4513024                      | 151,50 | 4523024                      | 177,80 |
| 5011024                            | 77,10  | 5021024                            | 96,10  | 5031024                            | 112,10 | 5012024                | 87,40  | 5013024                      | 179,00 | 5023024                      | 215,40 |
| 5611024                            | 95,60  | 5621024                            | 114,60 | 5631024                            | 139,80 | 5612024                | 102,30 | 5613024                      | 214,50 | 5623024                      | 236,90 |
| 6011024                            | 108,40 | 6021024                            | 137,70 | 6031024                            | 168,80 | 6012024                | 117,60 | 6013024                      | 252,50 | 6023024                      | 282,90 |
| 6311024                            | 113,60 | 6321024                            | 145,10 | 6331024                            | 177,10 | 6312024                | 122,90 | 6313024                      | 263,90 | 6323024                      | 302,60 |

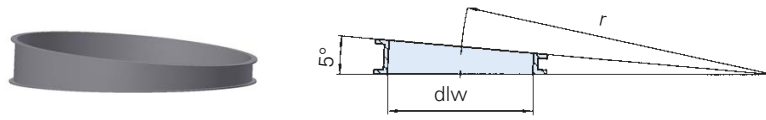
1) gerade / straight

1) gerade / straight

**Segmente 15°, ballig und gerade / Segments 15°, spherical and straight**



**Segmente 5°, gerade / Segments 5°, straight**



| DN                | Maße für 2 mm Rohrbau<br>Measurements for 2 mm piping |     |   |   |   |   |   | kg   |
|-------------------|---|-----|---|---|---|---|---|------|
|                   | dlw   | r   | b | c | e | f | g |      |
| 80                | 78  | 130 |   |   |   |   |   | 0,08 |
| 100               | 99  | 130 |   |   |   |   |   | 0,23 |
| 120               | 119   | 155 |   |   |   |   |   | 0,32 |
| 150               | 149   | 250 |   |   |   |   |   | 0,60 |
| 175               | 174   | 280 |   |   |   |   |   | 0,78 |
| 200               | 199   | 270 |   |   |   |   |   | 0,86 |
| 224 <sup>1)</sup> | 219   | 224 |   |   |   |   |   | 0,90 |
| 250               | 249   | 310 |   |   |   |   |   | 1,21 |
| 300               | 299   | 310 |   |   |   |   |   | 1,45 |
| 315 <sup>1)</sup> | 312   | 315 |   |   |   |   |   | 1,60 |
| 350 <sup>1)</sup> | 349   | 350 |   |   |   |   |   | 1,90 |
| 400 <sup>1)</sup> | 398   | 400 |   |   |   |   |   | 2,43 |
| 450 <sup>1)</sup> | 448   | 450 |   |   |   |   |   | 3,04 |
| 500 <sup>1)</sup> | 498   | 500 |   |   |   |   |   | 3,74 |
| 560 <sup>1)</sup> | 558   | 560 |   |   |   |   |   | 4,47 |
| 600 <sup>1)</sup> | 598   | 600 |   |   |   |   |   | 5,32 |
| 630 <sup>1)</sup> | 628   | 630 |   |   |   |   |   | 6,00 |
| 80                | 78  | 380 |   |   |   |   |   | 0,05 |
| 100               | 99  | 390 |   |   |   |   |   | 0,15 |
| 120               | 119   | 400 |   |   |   |   |   | 0,24 |
| 150               | 149   | 420 |   |   |   |   |   | 0,52 |
| 175               | 174   | 430 |   |   |   |   |   | 0,57 |
| 200               | 199   | 445 |   |   |   |   |   | 0,77 |
| 224               | 219   | 655 |   |   |   |   |   | 0,80 |
| 250               | 249   | 470 |   |   |   |   |   | 0,90 |
| 300               | 299   | 490 |   |   |   |   |   | 0,85 |
| 315               | 312   | 660 |   |   |   |   |   | 0,95 |
| 350               | 349   | 670 |   |   |   |   |   | 1,00 |
| 400               | 398   | 655 |   |   |   |   |   | 1,15 |
| 450               | 448   | 670 |   |   |   |   |   | 1,23 |
| 500               | 498   | 720 |   |   |   |   |   | 1,49 |
| 560               | 558   | 725 |   |   |   |   |   | 1,70 |
| 600               | 598   | 740 |   |   |   |   |   | 2,05 |
| 630               | 628   | 740 |   |   |   |   |   | 2,20 |

| DC 01 1,5 mm                       |       | DC 01 2 mm                         |       | DC 01 3 mm                         |       | DC 01 1,5 mm           |       | VA 1.4301 1,5 mm             |        | VA 1.4301 2 mm               |        |
|------------------------------------|-------|------------------------------------|-------|------------------------------------|-------|------------------------|-------|------------------------------|--------|------------------------------|--------|
| pulverbeschichtet<br>powder coated |       | pulverbeschichtet<br>powder coated |       | pulverbeschichtet<br>powder coated |       | verzinkt<br>galvanized |       | Edelstahl<br>stainless steel |        | Edelstahl<br>stainless steel |        |
| Art.-Nr.                           | €     | Art.-Nr.                           | €     | Art.-Nr.                           | €     | Art.-Nr.               | €     | Art.-Nr.                     | €      | Art.-Nr.                     | €      |
| 0811026                            | 4,20  |                                    |       |                                    |       | 0812026                | 4,70  | 0813026                      | 14,20  |                              |        |
| 1011026                            | 4,30  | 1021026                            | 5,00  |                                    |       | 1012026                | 4,80  | 1013026                      | 14,40  | 1023026                      | 15,60  |
| 1211026                            | 4,40  | 1221026                            | 6,10  |                                    |       | 1212026                | 5,00  | 1213026                      | 16,00  | 1223026                      | 18,00  |
| 1511026                            | 4,60  | 1521026                            | 7,10  | 1531026                            | 16,30 | 1512026                | 5,30  | 1513026                      | 17,00  | 1523026                      | 24,50  |
| 1711026                            | 6,80  | 1721026                            | 8,70  | 1731026                            | 19,70 | 1712026                | 8,00  | 1713026                      | 21,30  | 1723026                      | 32,00  |
| 2011026                            | 7,80  | 2021026                            | 9,80  | 2031026                            | 21,50 | 2012026                | 8,90  | 2013026                      | 24,30  | 2023026                      | 36,30  |
| 2211026                            | 9,10  | 2221026                            | 12,20 | 2231026                            | 23,90 | 2212026                | 11,90 | 2213026                      | 30,40  | 2223026                      | 45,30  |
| 2511026                            | 9,80  | 2521026                            | 12,60 | 2531026                            | 24,80 | 2512026                | 12,40 | 2513026                      | 30,90  | 2523026                      | 46,20  |
| 3011026                            | 15,80 | 3021026                            | 19,10 | 3031026                            | 28,70 | 3012026                | 17,70 | 3013026                      | 36,30  | 3023026                      | 58,60  |
| 3111026                            | 20,90 | 3121026                            | 25,30 | 3131026                            | 33,90 | 3112026                | 23,30 | 3113026                      | 60,50  | 3123026                      | 68,30  |
| 3511026                            | 21,60 | 3521026                            | 26,20 | 3531026                            | 34,60 | 3512026                | 25,70 | 3513026                      | 62,70  | 3523026                      | 69,40  |
| 4011026                            | 23,00 | 4021026                            | 33,00 | 4031026                            | 38,90 | 4012026                | 28,80 | 4013026                      | 70,40  | 4023026                      | 88,20  |
| 4511026                            | 28,60 | 4521026                            | 34,90 | 4531026                            | 46,70 | 4512026                | 35,70 | 4513026                      | 80,80  | 4523026                      | 93,80  |
| 5011026                            | 34,00 | 5021026                            | 39,20 | 5031026                            | 50,00 | 5012026                | 37,90 | 5013026                      | 90,30  | 5023026                      | 102,80 |
| 5611026                            | 37,90 | 5621026                            | 46,20 | 5631026                            | 63,00 | 5612026                | 46,20 | 5613026                      | 105,00 | 5623026                      | 117,70 |
| 6011026                            | 43,00 | 6021026                            | 53,40 | 6031026                            | 66,40 | 6012026                | 53,30 | 6013026                      | 122,50 | 6023026                      | 138,20 |
| 6311026                            | 47,90 | 6321026                            | 56,50 | 6331026                            | 73,60 | 6312026                | 60,40 | 6313026                      | 132,00 | 6323026                      | 145,10 |
| 0811027                            | 4,10  |                                    |       |                                    |       | 0812027                | 4,60  | 0813027                      | 14,10  |                              |        |
| 1011027                            | 4,20  | 1021027                            | 4,90  |                                    |       | 1012027                | 4,70  | 1013027                      | 14,20  | 1023027                      | 15,50  |
| 1211027                            | 4,30  | 1221027                            | 5,70  |                                    |       | 1212027                | 4,80  | 1213027                      | 15,70  | 1223027                      | 17,80  |
| 1511027                            | 4,50  | 1521027                            | 6,80  | 1531027                            | 16,20 | 1512027                | 5,10  | 1513027                      | 16,50  | 1523027                      | 23,90  |
| 1711027                            | 6,40  | 1721027                            | 8,30  | 1731027                            | 19,40 | 1712027                | 7,60  | 1713027                      | 20,80  | 1723027                      | 30,80  |
| 2011027                            | 7,20  | 2021027                            | 8,90  | 2031027                            | 21,10 | 2012027                | 8,40  | 2013027                      | 23,60  | 2023027                      | 35,70  |
| 2211027                            | 8,50  | 2221027                            | 11,50 | 2231027                            | 23,50 | 2212027                | 11,20 | 2213027                      | 29,70  | 2223027                      | 42,30  |
| 2511027                            | 8,80  | 2521027                            | 12,00 | 2531027                            | 24,10 | 2512027                | 11,60 | 2513027                      | 30,10  | 2523027                      | 43,70  |
| 3011027                            | 14,90 | 3021027                            | 18,30 | 3031027                            | 28,10 | 3012027                | 17,00 | 3013027                      | 35,50  | 3023027                      | 55,70  |
| 3111027                            | 17,40 | 3121027                            | 23,70 | 3131027                            | 33,40 | 3112027                | 22,30 | 3113027                      | 59,70  | 3123027                      | 67,50  |
| 3511027                            | 20,80 | 3521027                            | 25,30 | 3531027                            | 34,10 | 3512027                | 24,70 | 3513027                      | 61,80  | 3523027                      | 68,30  |
| 4011027                            | 21,90 | 4021027                            | 30,70 | 4031027                            | 38,20 | 4012027                | 27,60 | 4013027                      | 69,40  | 4023027                      | 80,80  |
| 4511027                            | 27,40 | 4521027                            | 33,70 | 4531027                            | 45,80 | 4512027                | 34,20 | 4513027                      | 79,50  | 4523027                      | 92,50  |
| 5011027                            | 32,50 | 5021027                            | 37,70 | 5031027                            | 49,10 | 5012027                | 36,70 | 5013027                      | 89,00  | 5023027                      | 99,20  |
| 5611027                            | 36,40 | 5621027                            | 44,70 | 5631027                            | 62,00 | 5612027                | 44,70 | 5613027                      | 103,30 | 5623027                      | 116,00 |
| 6011027                            | 41,20 | 6021027                            | 51,80 | 6031027                            | 68,20 | 6012027                | 51,70 | 6013027                      | 121,10 | 6023027                      | 136,70 |
| 6311027                            | 46,10 | 6321027                            | 54,90 | 6331027                            | 72,10 | 6312027                | 58,50 | 6313027                      | 130,10 | 6323027                      | 140,10 |

1) gerade / straight

1) gerade / straight