



Rohrbogen nach DIN EN 10253-2 Typ A Elbows According To DIN EN 10253-2 Type A

| DN | | Rohr- Außen- durch- messer | | Vorzugsmaße für Wanddicke Baureihe (Nw = Normal- wand) | | Bauart 3 normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | Bauart 5 langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | Bauart 2 kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | | |
|----|------|-------------------------------------|-------|--|-------|--|------------------------|---------------|---|------------------------|---------------|---|------------------------|---------------|--------------|
| | | | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg | |
| | | | | | | | +/- Toleranz | | | +/- Toleranz | | | +/- Toleranz | | +/- Toleranz |
| | | | | | | 90° Bogen | | | 90° Bogen | | | 90° Bogen | | | |
| | | D | Reihe | S | C | a | C | a | C | a | C | a | | | |
| 15 | 21,3 | 1 | 1,6 | 76 | 38,0 | 0,038 | 85 | 42,5 | 0,048 | 50 | 25,0 | 0,024 | | | |
| | | 2 Nw | 2,0 | | | | | | | | | | 0,040 | 0,060 | 0,030 |
| | | 3 | 2,6 | | | | | | | | | | 0,049 | 0,078 | 0,039 |
| | | 4 | 3,2 | | | | | | | | | | 0,060 | 0,096 | 0,040 |
| | | 5 | 4,0 | | | | | | | | | | 0,070 | 0,120 | 0,060 |
| | | 7 | 5,0 | | | | | | | | | | 0,100 | 0,150 | 0,070 |
| | | 8 | 7,1 | | | | | | | | | | 0,140 | 0,213 | 0,106 |
| 20 | 25,0 | 2 Nw | 2,0 | 55 | 27,5 | 0,050 | 85 | 42,5 | 0,090 | 42 | 21,0 | 0,040 | | | |
| | | 3 | 2,3 | | | | | | | | | | 0,058 | 0,103 | 0,046 |
| | 26,9 | 1 | 1,6 | 76 | 38,0 | 0,042 | 85 | 42,5 | 0,088 | 50 | 25,0 | 0,030 | | | |
| | | 2 Nw | 2,0 | | | | | | | | | | 0,052 | 0,110 | 0,038 |
| | | 3 | 2,6 | | | | | | | | | | 0,068 | 0,145 | 0,050 |
| | | 4 | 3,2 | | | | | | | | | | 0,080 | 0,170 | 0,070 |
| | | 5 | 4,0 | | | | | | | | | | 0,100 | 0,210 | 0,090 |
| | | 7 | 5,0 | | | | | | | | | | 0,125 | 0,275 | 0,095 |
| | 8 | 7,1 | 0,177 | 0,390 | 0,134 | | | | | | | | | | |
| | 25 | 31,8 | 2 Nw | 2,6 | 70 | 35,0 | 0,100 | 135 | 67,5 | 0,200 | 50 | 25,0 | 0,080 | | |
| | | | 1 | 1,6 | | | | | | | | | | 0,074 | 0,140 |
| | | 33,7 | 2 Nw | 2,6 | 76 | 38,0 | 0,120 | 145 | 72,5 | 0,230 | 50 | 25,0 | 0,090 | | |
| | | | 3 | 3,2 | | | | | | | | | | 0,160 | 0,280 |
| 4 | | | 4,0 | 0,180 | | | | | | | | | | 0,340 | 0,120 |
| 5 | | | 4,5 | 0,200 | | | | | | | | | | 0,370 | 0,130 |
| 6 | | | 5,6 | 0,252 | | | | | | | | | | 0,459 | 0,168 |
| 7 | | | 6,3 | 0,283 | | | | | | | | | | 0,510 | 0,189 |
| 8 | | | 8,8 | 0,387 | | | | | | | | | | 0,704 | 0,264 |
| 32 | 38,0 | 2 Nw | 2,6 | 90 | 45,0 | 0,160 | 165 | 82,5 | 0,290 | 65 | 32,5 | 0,120 | | | |
| | | 1 | 2,0 | | | | | | | | | | 0,150 | 0,290 | 0,120 |
| | 42,4 | 2 Nw | 2,6 | 96 | 48,0 | 0,190 | 185 | 92,5 | 0,370 | 64 | 32,0 | 0,150 | | | |
| | | 3 | 3,6 | | | | | | | | | | 0,260 | 0,500 | 0,200 |
| | | 4 | 4,0 | | | | | | | | | | 0,280 | 0,550 | 0,220 |
| | | 5 | 5,0 | | | | | | | | | | 0,340 | 0,670 | 0,270 |
| | | 6 | 6,3 | | | | | | | | | | 0,420 | 0,810 | 0,330 |
| | | 7 | 8,0 | | | | | | | | | | 0,528 | 1,020 | 0,440 |
| | | 8 | 10,0 | | | | | | | | | | 0,660 | 1,280 | 0,600 |



Rohrbogen nach DIN EN 10253-2 Typ A
Elbows According To DIN EN 10253-2 Type A

| DN | Rohr- Außen- durch- messer | Vorzugsmaße für Wanddicke | | Bauart 3 | | | Bauart 5 | | | Bauart 2 | | |
|----|-------------------------------------|------------------------------|------|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | |
| | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | | +/- Toleranz | | | +/- Toleranz | | | +/- Toleranz | |
| | | Reihe | S | C | a | 90° Bogen | C | a | 90° Bogen | C | a | 90° Bogen |
| 40 | 48,3 | 1 | 2 | 114 | 57 | 0,2 | 219 | 109,5 | 0,38 | 76 | 38 | 0,152 |
| | | 2 Nw | 2,6 | | | 0,26 | | | 0,49 | | | 0,2 |
| | | 3 | 3,6 | | | 0,36 | | | 0,67 | | | 0,26 |
| | | 4 | 4 | | | 0,39 | | | 0,74 | | | 0,29 |
| | | 5 | 5 | | | 0,48 | | | 0,9 | | | 0,39 |
| | | 6 | 6,3 | | | 0,59 | | | 1,1 | | | 0,44 |
| | | 7 | 8 | | | 0,71 | | | 1,34 | | | 0,53 |
| | | 8 | 10 | | | 0,88 | | | 1,67 | | | 0,66 |
| 50 | 51,0 | 2 Nw | 2,6 | 127 | 63,5 | 0,31 | 230 | 115 | 0,56 | 90 | 45 | 0,22 |
| 50 | 57,0 | 2 Nw | 2,9 | 144 | 72 | 0,44 | 255 | 127,5 | 0,77 | 105 | 52,5 | 0,33 |
| 50 | 60,3 | 1 | 2 | 152 | 46 | 0,337 | 275 | 137,5 | 0,6 | 102 | 51 | 0,241 |
| | | 2 Nw | 2,9 | | | 0,49 | | | 0,87 | | | 0,35 |
| | | 3 | 3,6 | | | 0,6 | | | 1,07 | | | 0,43 |
| | | 4 | 4 | | | 0,66 | | | 1,18 | | | 0,48 |
| | | 5 | 5,6 | | | 0,9 | | | 1,6 | | | 0,65 |
| | | 6 | 7,1 | | | 1,11 | | | 1,98 | | | 0,8 |
| | | 7 | 8,8 | | | 1,33 | | | 2,37 | | | 0,97 |
| | | 8 | 11 | | | 1,6 | | | 2,84 | | | 1,16 |
| 50 | 63,5 | 2 Nw | 2,9 | 165 | 82,5 | 0,56 | 285 | 142,5 | 0,97 | 115 | 57,5 | 0,39 |
| 65 | 70,0 | 2 Nw | 2,9 | 184 | 92 | 0,69 | 320 | 160 | 1,21 | 120 | 60 | 0,49 |
| 65 | 73,0 | 2 Nw | 2,9 | 190 | 95 | 0,75 | 350 | 175 | 1,38 | 128 | 64 | 0,5 |
| | | 3 | 3,6 | | | 0,92 | | | 1,69 | | | 0,62 |
| | | 4 | 4,5 | | | 1,13 | | | 2,09 | | | 0,76 |
| | | 5 | 7,1 | | | 1,72 | | | 3,160 | | | 1,16 |
| | | 8 | 14,2 | | | 3,07 | | | 5,660 | | | 2,1 |
| 65 | 76,1 | 1 | 2,3 | 190 | 95 | 0,618 | 350 | 175 | 1,14 | 127 | 63 | 0,46 |
| | | 2 Nw | 2,9 | | | 0,78 | | | 1,44 | | | 0,58 |
| | | 3 | 3,6 | | | 0,96 | | | 1,77 | | | 0,71 |
| | | 4 | 5,6 | | | 1,45 | | | 2,68 | | | 1,07 |
| | | 5 | 7,1 | | | 1,8 | | | 3,32 | | | 1,33 |
| | | 6 | 8 | | | 2 | | | 3,69 | | | 1,48 |
| | | 7 | 10 | | | 2,43 | | | 4,48 | | | 1,79 |
| | | 8 | 14,2 | | | 3,23 | | | 5,96 | | | 2,38 |
| 80 | 82,5 | 2 Nw | 3,2 | 215 | 107,5 | 1,06 | 380 | 190 | 1,87 | 155 | 77,5 | 0,76 |
| 80 | 88,9 | 1 | 2,3 | 228 | 114 | 0,877 | 415 | 207,5 | 1,57 | 152 | 76 | 0,632 |
| | | 2 Nw | 3,2 | | | 1,22 | | | 2,18 | | | 0,88 |
| | | 3 | 4 | | | 1,51 | | | 2,7 | | | 1,09 |
| | | 4 | 5,6 | | | 2,07 | | | 3,7 | | | 1,49 |
| | | 5 | 8 | | | 2,87 | | | 5,14 | | | 2,07 |



Rohrbogen nach DIN EN 10253-2 Typ A
Elbows According To DIN EN 10253-2 Type A

| DN | Rohr- Außen- durch- messer | Vorzugsmaße für Wanddicke Baureihe (Nw = Normalwand) | | Bauart 3 normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | Bauart 5 langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | Bauart 2 kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | |
|-----|-------------------------------------|---|------|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | Krüm- mungs- durchmes- ser C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durchmes- ser C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durchmes- ser C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | | | | | | | | | |
| | | | | D | Reihe | S | C | a | C | a | C | a |
| 80 | 88,9 | 6 | 8,8 | 228 | 114 | 3,13 | 415 | 207,5 | 5,6 | 152 | 76 | 2,25 |
| | | 7 | 11 | | | 3,8 | | | 6,8 | | | 2,74 |
| | | 8 | 16 | | | 5,17 | | | 9,26 | | | 3,73 |
| 100 | 108,0 | 2 Nw | 3,6 | 285 | 142,5 | 2,070 | 505 | 252,5 | 3,680 | 200,0 | 100,0 | 1,460 |
| 100 | 114,3 | 1 | 2,6 | 304 | 152,0 | 1,690 | 540 | 270,0 | 3,010 | 203 | 101,5 | 1,170 |
| | | 2 Nw | 3,6 | | | 2,350 | | | 4,170 | | | 1,620 |
| | | 3 | 4,5 | | | 2,920 | | | 5,170 | | | 2,010 |
| | | 4 | 6,3 | | | 4,020 | | | 7,120 | | | 2,770 |
| | | 5 | 8,8 | | | 5,480 | | | 9,710 | | | 3,780 |
| | | 6 | 11,0 | | | 6,710 | | | 11,900 | | | 4,620 |
| | | 7 | 14,2 | | | 8,400 | | | 14,900 | | | 5,780 |
| | | 8 | 17,5 | | | 9,975 | | | 17,719 | | | 6,661 |
| 125 | 121,0 | 2 Nw | 4,0 | 340 | | 3,080 | 565 | | 5,120 | 225,0 | | 2,040 |
| 125 | 127,0 | 2 Nw | 4,0 | 350 | | 3,340 | 600 | | 5,720 | 235,0 | | 2,240 |
| 125 | 133,0 | 2 Nw | 4,0 | 362 | | 3,620 | 625 | | 6,250 | 250,0 | | 2,500 |
| 125 | 139,7 | 1 | 2,6 | 380 | 190,0 | 2,560 | 660 | 330,0 | 4,510 | 254 | 127,0 | 1,810 |
| | | 2 Nw | 4,0 | | | 4,010 | | | 6,940 | | | 2,790 |
| | | 3 | 5,0 | | | 4,970 | | | 8,610 | | | 3,460 |
| | | 4 | 6,3 | | | 6,200 | | | 10,700 | | | 4,310 |
| | | 5 | 10,0 | | | 9,570 | | | 16,600 | | | 6,660 |
| | | 6 | 12,5 | | | 11,700 | | | 20,300 | | | 8,160 |
| | | 7 | 16,0 | | | 14,600 | | | 25,300 | | | 10,200 |
| | | 8 | 20,0 | | | 17,700 | | | 30,600 | | | 12,300 |
| 125 | 141,3 | 2 Nw | 4,0 | 380 | 190,0 | 4,04 | 660 | 330,0 | 7,01 | 254 | 127,0 | 2,699 |
| | | 3 | 5,4 | | | 5,40 | | | 9,37 | | | 3,607 |
| | | 4 | 6,3 | | | 6,25 | | | 10,86 | | | 4,180 |
| | | 5 | 10,0 | | | 9,65 | | | 16,77 | | | 6,453 |
| | | 7 | 16,0 | | | 14,74 | | | 25,60 | | | 9,853 |
| | | 8 | 20,0 | | | 17,84 | | | 30,98 | | | 11,924 |
| 150 | 152,4 | 2 Nw | 4,5 | 381 | 190,5 | 5,540 | 715 | 357,5 | 9,220 | 285,0 | 142,5 | 3,670 |
| 150 | 159,0 | 2 Nw | 4,5 | 432 | 216,0 | 5,820 | 750 | 375,0 | 10,100 | 300,0 | 150,0 | 4,040 |
| 150 | 165,1 | 2 | 4,5 | 460 | 230,0 | 6,440 | 780 | 390,0 | 10,900 | 310,0 | 155,0 | 4,340 |
| 150 | 168,3 | 1 | 4,0 | 457 | 228,5 | 5,820 | 780 | 390,0 | 9,930 | 305 | 152,5 | 3,950 |
| | | 2 Nw | 4,5 | | | 6,520 | | | 11,100 | | | 4,430 |
| | | 3 | 5,6 | | | 8,060 | | | 13,800 | | | 5,470 |
| | | 4 | 7,1 | | | 10,100 | | | 17,300 | | | 6,870 |
| | | 5 | 11,0 | | | 15,300 | | | 26,100 | | | 10,400 |
| | | 6 | 14,2 | | | 19,400 | | | 33,100 | | | 13,100 |
| | | 7 | 17,5 | | | 23,400 | | | 39,900 | | | 15,900 |
| | | 8 | 22,2 | | | 28,750 | | | 48,620 | | | 19,310 |



Rohrbogen nach DIN EN 10253-2 Typ A
Elbows According To DIN EN 10253-2 Type A

| DN | Rohr- Außen- durch- messer | Vorzugsmaße für Wanddicke Baureihe (Nw = Normalwand) | | Bauart 3 normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | Bauart 5 langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | Bauart 2 kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | |
|-----|-------------------------------------|---|------|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | +/- Toleranz | +/- Toleranz | 90° Bogen | +/- Toleranz | +/- Toleranz | 90° Bogen | +/- Toleranz | +/- Toleranz | 90° Bogen |
| | | | | D | Reihe | S | C | a | C | a | C | a |
| 175 | 177,8 | 2 Nw | 5,0 | 500 | | 8,370 | 860 | | 14,400 | 340,0 | | 5,690 |
| 175 | 193,7 | 2 Nw | 5,6 | 540 | | 10,600 | 910 | | 17,900 | 360,0 | | 7,090 |
| 200 | 219,1 | 1 | 4,5 | 610 | 305,0 | 11,400 | 1030 | 515,0 | 19,100 | 406 | 203,0 | 7,860 |
| | | 2 Nw | 6,3 | | | 15,800 | | | 26,500 | | | 10,900 |
| | | 3 | 7,1 | | | 17,800 | | | 29,700 | | | 12,200 |
| | | 4 | 8,0 | | | 20,000 | | | 33,400 | | | 13,700 |
| | | 5 | 12,5 | | | 30,500 | | | 51,000 | | | 21,000 |
| | | 6 | 16,0 | | | 38,400 | | | 64,200 | | | 26,400 |
| | | 7 | 17,5 | | | 41,700 | | | 69,700 | | | 28,700 |
| | | 8 | 22,2 | | | 52,280 | | | 87,360 | | | 39,960 |
| 250 | 267,0 | 2 Nw | 6,3 | 756 | 378,0 | 24,1 | 1270 | 635,0 | 40,4 | 510,0 | 255,0 | 16,2 |
| 250 | 273,0 | 1 | 5,0 | 762 | 381,0 | 19,8 | 1300 | 650,0 | 33,7 | 508 | 254,0 | 13,2 |
| | | 2 Nw | 6,3 | | | 24,8 | | | 42,3 | | | 16,5 |
| | | 3 | 8,8 | | | 34,3 | | | 58,4 | | | 22,9 |
| | | 4 | 10,0 | | | 38,8 | | | 66,2 | | | 25,9 |
| | | 5 | 12,5 | | | 48,1 | | | 82,0 | | | 32,0 |
| | | 6 | 16,0 | | | 60,7 | | | 104,0 | | | 40,5 |
| | | 7 | 22,2 | | | 82,9 | | | 140,0 | | | 56,0 |
| | | 8 | 30,0 | | | 112,0 | | | 190,0 | | | 75,7 |
| 275 | 298,5 | 2 Nw | 6,3 | 840 | 420,0 | 33,7 | 1400 | 700,0 | 56,1 | 508,0 | 254,0 | 16,5 |
| 300 | 323,9 | 1 | 5,6 | 914 | 457,0 | 31,6 | 1540 | 770,0 | 53,5 | 610 | 305,0 | 21,1 |
| | | 2 Nw | 7,1 | | | 39,8 | | | 67,5 | | | 26,6 |
| | | 3 | 8,8 | | | 49,1 | | | 83,3 | | | 32,8 |
| | | 4 | 10,0 | | | 55,6 | | | 94,2 | | | 37,1 |
| | | 5 | 12,5 | | | 68,9 | | | 117,0 | | | 46,0 |
| | | 6 | 17,5 | | | 94,9 | | | 161,0 | | | 63,4 |
| | | 7 | 25,0 | | | 135,0 | | | 227,5 | | | 89,8 |
| | | 8 | 32,0 | | | 172,8 | | | 291,0 | | | 114,9 |
| 350 | 355,6 | 1 | 5,6 | 1066 | 533,0 | 40,5 | 1700 | 850,0 | 64,5 | 711 | 356,0 | 27,0 |
| | | 2 Nw | 8,0 | | | 57,5 | | | 91,6 | | | 38,2 |
| | | 3 | 10,0 | | | 71,4 | | | 114,0 | | | 47,5 |
| | | 4 | 12,5 | | | 88,6 | | | 141,0 | | | 59,0 |
| | | 5 | 16,0 | | | 112,0 | | | 179,0 | | | 74,7 |
| | | 6 | 20,0 | | | 139,0 | | | 221,0 | | | 92,3 |
| | | 7 | 28,0 | | | 194,6 | | | 309,0 | | | 129,2 |
| | | 8 | 36,0 | | | 250,2 | | | 398,0 | | | 166,1 |
| 350 | 368,0 | 2 Nw | 8,0 | 1067 | | 59,5 | 1760 | | 98,2 | 705,0 | | 39,3 |



Rohrbogen nach DIN EN 10253-2 Typ A
Elbows According To DIN EN 10253-2 Type A

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|-----|-------------------------------------|---|------|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | | | | | | | | | |
| | | | | D | Reihe | S | C | a | 90° Bogen | C | a | 90° Bogen |
| 400 | 406,4 | 1 | 6,3 | 1220 | 610,0 | 59,5 | 1940 | 970,0 | 94,7 | 813 | 406,5 | 39,7 |
| | | 2 Nw | 8,8 | | | 82,6 | | | 131,0 | | | 55,1 |
| | | 3 | 10,0 | | | 93,6 | | | 149,0 | | | 62,4 |
| | | 4 | 12,5 | | | 116,0 | | | 185,0 | | | 77,5 |
| | | 5 | 17,5 | | | 161,0 | | | 256,0 | | | 107,0 |
| | | 6 | 22,2 | | | 201,0 | | | 320,0 | | | 134,0 |
| | | 7 | 30,0 | | | 270,0 | | | 430,0 | | | 180,0 |
| | | 8 | 40,0 | | | 360,0 | | | 573,0 | | | 240,0 |
| 400 | 419,0 | 2 Nw | 10,0 | 1219 | 610,0 | 96,5 | 2000 | 1000,0 | 158,0 | 800,0 | 400,0 | 63,4 |
| 450 | 457 | 1 | 6,3 | 1372 | 686,0 | 75,5 | 2244 | 1122,0 | 124,0 | 914 | 457,0 | 50,1 |
| | | 2 Nw | 10,0 | | | 119,0 | | | 194,0 | | | 79,0 |
| | | 3 | 11,0 | | | 130,0 | | | 213,0 | | | 86,5 |
| | | 4 | 12,5 | | | 148,0 | | | 242,0 | | | 98,0 |
| | | 5 | 17,5 | | | 204,0 | | | 335,0 | | | 136,0 |
| | | 6 | 22,2 | | | 257,0 | | | 420,0 | | | 170,0 |
| | | 7 | 32,0 | | | 367,0 | | | 602,0 | | | 243,0 |
| | | 8 | 45,0 | | | 517,0 | | | 846,0 | | | 342,0 |
| 500 | 508 | 1 | 6,3 | 1524 | 762 | 93,3 | 2490 | 1245 | 152 | 1016 | 508 | 61,8 |
| | | 2 | 10 | | | 146 | | | 240 | | | 97,3 |
| | | 3 Nw | 11 | | | 161 | | | 264 | | | 107 |
| | | 4 | 12,5 | | | 183 | | | 299 | | | 121 |
| | | 5 | 17,5 | | | 253 | | | 414 | | | 168 |
| | | 6 | 25 | | | 356 | | | 582 | | | 236 |
| | | 7 | 36 | | | 513 | | | 838 | | | 340 |
| | | 8 | 50 | | | 712 | | | 1164 | | | 472 |
| 550 | 559 | 1 | 6,3 | 1676 | 838 | 111 | 2796 | 1398 | 184 | 1118 | 559 | 73 |
| | | 2 | 10 | | | 176 | | | 294 | | | 118 |
| | | 4 Nw | 12,5 | | | 221 | | | 369 | | | 147 |
| | | 5 | 20 | | | 350 | | | 584 | | | 233 |
| | | 6 | 28 | | | 483 | | | 806 | | | 322 |
| 600 | 610 | 1 | 6,3 | 1828 | 914 | 133 | 3050 | 1525 | 223 | 1220 | 610 | 90 |
| | | 2 | 10 | | | 210 | | | 352 | | | 142 |
| | | 3 Nw | 12,5 | | | 264 | | | 441 | | | 176 |
| | | 4 | 17,5 | | | 367 | | | 612 | | | 245 |
| | | 5 | 25 | | | 518 | | | 864 | | | 346 |
| | | 6 | 30 | | | 616 | | | 1027 | | | 411 |
| | | 7 | 45 | | | 900 | | | 1501 | | | 600 |
| | | 8 | 60 | | | 1168 | | | 1949 | | | 780 |



Rohrbogen nach DIN EN 10253-2 Typ A
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| DN | Rohr- Außen- durch- messer | Vorzugsmaße für Wanddicke Baureihe (Nw = Normalwand) | | Bauart 3 normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | Bauart 5 langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | Bauart 2 kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | |
|------|-------------------------------------|---|------|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | | | | | | | | | |
| | | | | D | Reihe | S | C | a | 90° Bogen | C | a | 90° Bogen |
| 650 | 660 | 2 | 10 | 1980 | 990 | 247 | 3300 | 1650 | 412 | 1320 | 660 | 165 |
| | | 3 | 12,5 | | | 309 | | | 516 | | | 206 |
| | | 4 | 17,5 | | | 431 | | | 718 | | | 287 |
| 700 | 711 | 1 | 7,1 | 2134 | 1067 | 204,5 | 3556 | 1778 | 344 | 1422 | 711 | 138 |
| | | 2 | 10 | | | 285,5 | | | 482 | | | 184 |
| | | 3 Nw | 12,5 | | | 361 | | | 600 | | | 240 |
| | | 4 | 25 | | | 708 | | | 1180 | | | 472 |
| 750 | 762 | 2 | 10 | 2286 | 1143 | 332 | 3810 | 1905 | 554 | 1524 | 762 | 222 |
| | | 3 | 12,5 | | | 414 | | | 691 | | | 276 |
| | | 4 | 25 | | | 815 | | | 1357 | | | 543 |
| 800 | 813 | 1 | 8 | 2438 | 1219 | 298 | 4066 | 2033 | 506 | 1626 | 813 | 203 |
| | | 2 | 10 | | | 373 | | | 631 | | | 254 |
| | | 3 Nw | 12,5 | | | 472 | | | 787 | | | 315 |
| | | 4 | 25 | | | 929 | | | 1550 | | | 620 |
| 850 | 864 | 2 | 10 | 2592 | 1296 | 428 | 4310 | 2155 | 712 | 1728 | 864 | 285 |
| | | 3 | 12,5 | | | 533 | | | 888 | | | 342 |
| | | 4 | 25 | | | 1052 | | | 1749 | | | 701 |
| 900 | 914 | 1 | 10 | 2744 | 1372 | 473 | 4570 | 2285 | 799 | 1828 | 914 | 315 |
| | | 2 | 12,5 | | | 599 | | | 997 | | | 399 |
| | | 3 Nw | 20 | | | 949 | | | 1581 | | | 632 |
| | | 4 | 25 | | | 1180 | | | 1965 | | | 786 |
| 1000 | 1016 | 1 | 10,0 | 3048 | 1524,0 | 584 | 5080 | 2540,0 | 989 | 2032 | 1016,0 | 396 |
| | | 2 | 12,5 | | | 740 | | | 1233 | | | 493 |
| | | 3 | 20,0 | | | 1175 | | | 1958 | | | 783 |
| | | 4 | 25,0 | | | 1461 | | | 2435 | | | 974 |
| 1050 | 1067 | 1 | 10,0 | 3201 | 1600,0 | 654 | 5335 | 2665,0 | 1090 | 2134 | 1067,0 | 436 |
| | | 2 | 12,5 | | | 817 | | | 1360 | | | 544 |
| | | 3 | 20,0 | | | 1297 | | | 2160 | | | 865 |
| | | 4 | 25,0 | | | 1613 | | | 2687 | | | 1076 |
| 1100 | 1118 | 1 | 10,0 | 1677 | 1677,0 | 719 | 5580 | 2790,0 | 1196 | 2236 | 1118,0 | 479 |
| | | 2 | 12,5 | | | 897 | | | 1493 | | | 598 |
| | | 3 | 20,0 | | | 1425 | | | 2371 | | | 950 |
| | | 4 | 25,0 | | | 1773 | | | 2950 | | | 1182 |
| 1150 | 1168 | 1 | 10,0 | 1752 | 1752,0 | 785 | 5830 | 2915,0 | 1306 | 2332 | 1166,0 | 523 |
| | | 2 | 12,5 | | | 980 | | | 1630 | | | 652 |
| | | 3 | 20,0 | | | 1557 | | | 2590 | | | 1036 |
| | | 4 | 25,0 | | | 1937 | | | 3224 | | | 1289 |
| 1200 | 1219 | 1 | 10,0 | 1829 | 1829,0 | 856 | 6100 | 3050,0 | 1427 | 2438 | 1219,0 | 570 |
| | | 2 | 12,5 | | | 1068 | | | 1781 | | | 712 |
| | | 3 | 20,0 | | | 1697 | | | 2830 | | | 1131 |
| | | 4 | 25,0 | | | 2113 | | | 3523 | | | 1408 |



Rohrbogen nach DIN EN 10253-4 Typ A Elbows According to DIN EN 10253-4 Type A

| DN | Rohr- Außen- durch- messer | Vorzugsmaße für Wanddicke Baureihe (Nw = Normalwand) | | Bauart 3 normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | Bauart 5 langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | Bauart 2 kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | |
|----|-------------------------------------|---|-----|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | | +/- Toleranz | | | +/- Toleranz | | | +/- Toleranz | |
| | | | | 90° Bogen | | | 90° Bogen | | | 90° Bogen | | |
| D | Reihe | S | C | a | | C | a | | C | a | | |
| 15 | 21,3 | 1 | 1,6 | 56 | 38,0 | 0,038 | 85 | 42,5 | 0,048 | 50 | 25,0 | 0,024 |
| | | 4 | 2,0 | | | 0,040 | | | 0,060 | | | 0,030 |
| | | 5 | 3,2 | | | 0,049 | | | 0,078 | | | 0,039 |
| | | 6 | 4,0 | | | 0,060 | | | 0,096 | | | 0,040 |
| 20 | 26,9 | 1 | 1,6 | 58 | 38,0 | 0,042 | 85 | 42,5 | 0,088 | 50 | 25,0 | 0,030 |
| | | 4 | 2,0 | | | 0,052 | | | 0,110 | | | 0,038 |
| | | 5 | 3,2 | | | 0,080 | | | 0,170 | | | 0,070 |
| | | 6 | 4,0 | | | 0,100 | | | 0,210 | | | 0,090 |
| 25 | 33,7 | 1 | 1,6 | 76 | 38,0 | 0,074 | 145 | 72,5 | 0,140 | 56 | 25,0 | 0,072 |
| | | 2 | 2,0 | | | 0,090 | | | | | | |
| | | 4 | 2,3 | | | 0,120 | | | 0,230 | | | 0,090 |
| | | 5 | 3,2 | | | 0,160 | | | 0,280 | | | 0,110 |
| | | 6 | 4,5 | | | 0,180 | | | 0,340 | | | 0,120 |
| 32 | 42,4 | 1 | 1,6 | 96 | 48,0 | 0,150 | 185 | 92,5 | 0,290 | 64 | 32,0 | 0,120 |
| | | 2 | 2,0 | | | 0,190 | | | 0,370 | | | 0,150 |
| | | 4 | 2,6 | | | 0,280 | | | 0,550 | | | 0,220 |
| | | 5 | 3,6 | | | 0,340 | | | 0,670 | | | 0,270 |
| | | 6 | 5,0 | | | 0,420 | | | 0,810 | | | 0,330 |
| 40 | 48,3 | 1 | 1,6 | 114 | 57 | 0,2 | 219 | 109,5 | 0,38 | 76 | 38 | 0,152 |
| | | 2 | 2 | | | 0,26 | | | 0,49 | | | 0,2 |
| | | 4 | 2,6 | | | 0,39 | | | 0,74 | | | 0,29 |
| | | 5 | 3,6 | | | 0,48 | | | 0,9 | | | 0,39 |
| | | 6 | 5,0 | | | 0,59 | | | 1,1 | | | 0,44 |
| 50 | 60,3 | 1 | 1,6 | 152 | 46 | 0,37 | 275 | 137,5 | 0,6 | 102 | 51 | 0,241 |
| | | 2 | 2 | | | 0,49 | | | 0,87 | | | 0,35 |
| | | 3 | 2,3 | | | 0,6 | | | 1,07 | | | 0,43 |
| | | 4 | 2,9 | | | 0,66 | | | 1,18 | | | 0,48 |
| | | 5 | 4,0 | | | 0,9 | | | 1,6 | | | 0,65 |
| | | 6 | 5,6 | | | 1,11 | | | 1,98 | | | 0,8 |
| 65 | 76,1 | 1 | 1,6 | 190 | 95 | 0,618 | 350 | 175 | 1,14 | 127 | 63 | 0,46 |
| | | 2 | 2,3 | | | 0,78 | | | 1,44 | | | 0,58 |
| | | 3 | 2,6 | | | 0,96 | | | 1,77 | | | 0,71 |
| | | 4 | 2,9 | | | 1,45 | | | 2,68 | | | 1,07 |
| | | 5 | 5,0 | | | 1,8 | | | 3,32 | | | 1,33 |
| | | 6 | 7,1 | | | 2 | | | 3,69 | | | 1,48 |
| 80 | 88,9 | 1 | 2 | 228 | 114 | 0,877 | 415 | 207,5 | 1,57 | 152 | 76 | 0,632 |
| | | 2 | 2,3 | | | 1,22 | | | 2,18 | | | 0,88 |
| | | 3 | 2,9 | | | 1,51 | | | 2,7 | | | 1,09 |
| | | 4 | 3,2 | | | 2,07 | | | 3,7 | | | 1,49 |
| | | 5 | 5,6 | | | 2,87 | | | 5,14 | | | 2,07 |
| | | 6 | 8,0 | | | 3,13 | | | 5,6 | | | 2,25 |



Rohrbogen nach DIN EN 10253-4 Typ A
Elbows According To DIN EN 10253-4 Type A

| DN | Rohr- Außen- durch- messer | Vorzugsmaße für Wanddicke Baureihe (Nw = Normalwand) | | Bauart 3 | | | Bauart 5 | | | Bauart 2 | | |
|-----|-------------------------------------|---|------|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | |
| | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | +/- Toleranz | +/- Toleranz | 90° Bogen | +/- Toleranz | +/- Toleranz | 90° Bogen | +/- Toleranz | +/- Toleranz | 90° Bogen |
| D | Reihe | S | C | a | | C | a | | C | a | | |
| 100 | 114,3 | 1 | 2,0 | 304 | 152,0 | 1,690 | 540 | 270,0 | 3,010 | 203 | 101,5 | 1,170 |
| | | 2 | 2,6 | | | 2,350 | | | 4,170 | | | 1,620 |
| | | 3 | 2,9 | | | 2,920 | | | 5,170 | | | 2,010 |
| | | 4 | 3,6 | | | 4,020 | | | 7,120 | | | 2,770 |
| | | 5 | 6,3 | | | 5,480 | | | 9,710 | | | 3,780 |
| | | 6 | 8,8 | | | 6,710 | | | 11,900 | | | 4,620 |
| 125 | 139,7 | 1 | 2,0 | 380 | 190,0 | 2,560 | 660 | 330,0 | 4,510 | 254 | 127,0 | 1,810 |
| | | 2 | 2,6 | | | 4,010 | | | 6,940 | | | 2,790 |
| | | 3 | 3,2 | | | 4,970 | | | 8,610 | | | 3,460 |
| | | 4 | 4,5 | | | 6,200 | | | 10,700 | | | 4,310 |
| | | 5 | 7,1 | | | 9,570 | | | 16,600 | | | 6,660 |
| | | 6 | 11,0 | | | 11,700 | | | 20,300 | | | 8,160 |
| 150 | 168,3 | 1 | 4,0 | 458 | 228,5 | 5,820 | 780 | 390,0 | 9,930 | 305 | 152,5 | 3,950 |
| | | 2 | 4,5 | | | 6,520 | | | 11,100 | | | 4,430 |
| | | 3 | 5,6 | | | 8,060 | | | 13,800 | | | 5,470 |
| | | 4 | 7,1 | | | 10,100 | | | 17,300 | | | 6,870 |
| | | 5 | 11,0 | | | 15,300 | | | 26,100 | | | 10,400 |
| | | 6 | 14,2 | | | 19,400 | | | 33,100 | | | 13,100 |
| 200 | 219,1 | 1 | 2,0 | 610 | 305,0 | 11,400 | 1030 | 515,0 | 19,100 | 406 | 203,0 | 7,860 |
| | | 2 | 2,6 | | | 15,800 | | | 26,500 | | | 10,900 |
| | | 3 | 3,6 | | | 17,800 | | | 29,700 | | | 12,200 |
| | | 4 | 6,3 | | | 20,000 | | | 33,400 | | | 13,700 |
| | | 5 | 8,0 | | | 30,500 | | | 51,000 | | | 21,000 |
| | | 6 | 12,5 | | | 38,400 | | | 64,200 | | | 26,400 |
| 250 | 273,0 | 1 | 2,0 | 762 | 381,0 | 19,8 | 1300 | 650,0 | 33,7 | 508 | 254,0 | 13,2 |
| | | 2 | 3,6 | | | 24,8 | | | 42,3 | | | 16,5 |
| | | 3 | 4,0 | | | 34,3 | | | 58,4 | | | 22,9 |
| | | 4 | 6,3 | | | 38,8 | | | 66,2 | | | 25,9 |
| | | 5 | 10,0 | | | 48,1 | | | 82,0 | | | 32,0 |
| 300 | 323,9 | 1 | 2,6 | 914 | 457,0 | 31,6 | 1540 | 770,0 | 53,5 | 610 | 305,0 | 21,1 |
| | | 2 | 4,0 | | | 39,8 | | | 67,5 | | | 26,6 |
| | | 3 | 4,5 | | | 49,1 | | | 83,3 | | | 32,8 |
| | | 4 | 7,1 | | | 55,6 | | | 94,2 | | | 37,1 |
| | | 5 | 10,0 | | | 68,9 | | | 117,0 | | | 46,0 |
| 350 | 355,6 | 1 | 2,6 | 1066 | 533,0 | 40,5 | 1700 | 850,0 | 64,5 | 711 | 356,0 | 27,0 |
| | | 2 | 4,0 | | | 57,5 | | | 91,6 | | | 38,2 |
| | | 3 | 5,0 | | | 71,4 | | | 114,0 | | | 47,5 |
| | | 4 | 8,0 | | | 88,6 | | | 141,0 | | | 59,0 |
| | | 5 | 11,0 | | | 112,0 | | | 179,0 | | | 74,7 |

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Rohrbogen nach DIN EN 10253-4 Typ A
Elbows According To DIN EN 10253-4 Type A

| DN | Rohr- Außen- durch- messer | Vorzugsmaße für Wanddicke Baureihe (Nw = Normalwand) | | Bauart 3 normal gängiger Biegeradius R ungefähr 1,5x lichter Rohr-Ø | | | Bauart 5 langer Biegeradius R ungefähr 2,5x lichter Rohr-Ø | | | Bauart 2 kurzer Biegeradius R ungefähr 1,0x lichter Rohr-Ø | | |
|------|-------------------------------------|---|------|---|------------------------|---------------|--|------------------------|---------------|--|------------------------|---------------|
| | | | | Krüm- mungs- durch- messer C = 3 x di | Radius R = 1,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 5 x di | Radius R = 2,5 x di | Gewicht kg | Krüm- mungs- durch- messer C = 2 x di | Radius R = 1,0 x di | Gewicht kg |
| | | | | +/- Toleranz | +/- Toleranz | 90° Bogen | +/- Toleranz | +/- Toleranz | 90° Bogen | +/- Toleranz | +/- Toleranz | 90° Bogen |
| | | | | D | Reihe | S | C | a | C | a | C | a |
| 400 | 406,4 | 1 | 2,6 | 1220 | 610,0 | 59,5 | 1940 | 970,0 | 94,7 | 813 | 406,5 | 39,7 |
| | | 2 | 4,0 | | | 82,6 | | | 131,0 | | | 55,1 |
| | | 3 | 5,0 | | | 93,6 | | | 149,0 | | | 62,4 |
| | | 4 | 8,8 | | | 116,0 | | | 185,0 | | | 77,5 |
| | | 5 | 12,5 | | | 161,0 | | | 256,0 | | | 107,0 |
| 450 | 457 | 1 | 3,2 | 1372 | 686,0 | 75,5 | 2244 | 1122,0 | 124,0 | 914 | 457,0 | 50,1 |
| | | 2 | 4,0 | | | 119,0 | | | 194,0 | | | 79,0 |
| | | 3 | 5,0 | | | 130,0 | | | 213,0 | | | 86,5 |
| | | 4 | 10,0 | | | 148,0 | | | 242,0 | | | 98,0 |
| 500 | 508 | 1 | 3,2 | 1524 | 762 | 93,3 | 2490 | 1245 | 152 | 1016 | 508 | 61,8 |
| | | 2 | 5,0 | | | 146 | | | 240 | | | 97,3 |
| | | 3 | 5,6 | | | 161 | | | 264 | | | 107 |
| | | 4 | 11,0 | | | 183 | | | 299 | | | 121 |
| 600 | 610 | 1 | 3,2 | 1828 | 914 | 133 | 3050 | 1525 | 223 | 1220 | 610 | 90 |
| | | 2 | 5,6 | | | 210 | | | 352 | | | 142 |
| | | 3 | 6,3 | | | 264 | | | 441 | | | 176 |
| | | 4 | 12,5 | | | 367 | | | 612 | | | 245 |
| 700 | 711 | 1 | 4,0 | 2134 | 1067 | 204,5 | 3556 | 1778 | 344 | 1422 | 711 | 138 |
| | | 2 | 5,6 | | | 285,5 | | | 482 | | | 184 |
| | | 3 | 7,1 | | | 361 | | | 600 | | | 240 |
| | | 4 | 12,5 | | | 708 | | | 1180 | | | 472 |
| 800 | 813 | 1 | 4,0 | 2438 | 1219 | 298 | 4066 | 2033 | 506 | 1626 | 813 | 203 |
| | | 2 | 5,6 | | | 373 | | | 631 | | | 254 |
| | | 3 | 8,0 | | | 472 | | | 787 | | | 315 |
| | | 4 | 12,5 | | | 929 | | | 1550 | | | 620 |
| 900 | 914 | 1 | 4,0 | 2744 | 1372 | 473 | 4570 | 2285 | 799 | 1828 | 914 | 315 |
| | | 2 | 6,3 | | | 599 | | | 997 | | | 399 |
| | | 3 | 8,8 | | | 949 | | | 1581 | | | 632 |
| | | 4 | 12,5 | | | 1180 | | | 1965 | | | 786 |
| 1000 | 1016 | 1 | 4,0 | 3048 | 1524,0 | 584 | 5080 | 2540,0 | 989 | 2032 | 1016,0 | 396 |
| | | 2 | 6,3 | | | 740 | | | 1233 | | | 493 |
| | | 3 | 10,0 | | | 1175 | | | 1958 | | | 783 |
| | | 4 | 12,5 | | | 1461 | | | 2435 | | | 974 |