

# BES - Segmented bends

Light gauge Galvanized piping system – Bends



## Description

Bends are locked in segments. Beadings on both ends of the bends allow for assembly with fitting rings. Alternatively, loose flanges can be used for assembly. Made from 7.5° and 15° segments.

Other radii are available upon request.

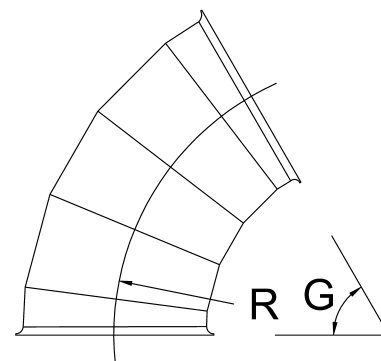
## Specifications

Material: Galvanized steel

Surface: Z275

Angle (G): See table

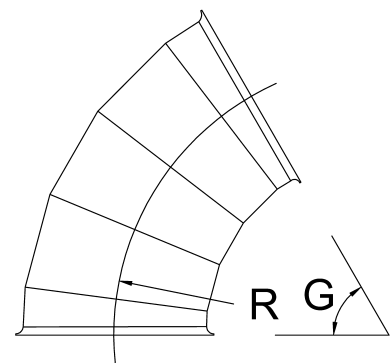
Radius:  $R = 1.5 \times D$



| D<br>(mm) | R<br>(mm) | t<br>(mm) | Weight (kg) |         |          |         |          |         |          |         |          |         |
|-----------|-----------|-----------|-------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
|           |           |           | 90 Deg      |         | 60 Deg   |         | 45 Deg   |         | 30 Deg   |         | 15 Deg   |         |
|           |           |           | Beadings    | Flanges | Beadings | Flanges | Beadings | Flanges | Beadings | Flanges | Beadings | Flanges |
| 225       | 338       | 0.75      | 3.0         | 4.0     | 2.0      | 3.0     | 1.5      | 2.5     | 1.0      | 2.0     | 0.5      | 1.5     |
| 275       | 413       | 0.75      | 4.5         | 5.7     | 3.0      | 4.2     | 2.3      | 3.4     | 1.5      | 2.7     | 0.8      | 1.9     |
| 315       | 473       | 0.75      | 6.3         | 7.7     | 4.2      | 5.6     | 3.2      | 4.5     | 2.1      | 3.5     | 1.1      | 2.4     |
| 350       | 525       | 0.75      | 7.3         | 9.1     | 4.9      | 6.7     | 3.7      | 5.5     | 2.4      | 4.2     | 1.2      | 3.0     |
| 400       | 600       | 0.90      | 9.6         | 12.2    | 6.4      | 9.0     | 4.8      | 7.5     | 3.2      | 5.9     | 1.6      | 4.3     |
| 450       | 675       | 0.90      | 12.1        | 15.1    | 8.1      | 11.1    | 6.1      | 9.0     | 4.0      | 7.0     | 2.0      | 5.0     |
| 500       | 750       | 0.90      | 14.9        | 18.3    | 10.0     | 13.3    | 7.5      | 10.8    | 5.0      | 8.3     | 2.5      | 5.8     |
| 550       | 825       | 0.90      | 18.1        | 21.7    | 12.0     | 15.7    | 9.0      | 12.7    | 6.0      | 9.7     | 3.0      | 6.7     |
| 600       | 900       | 0.90      | 21.5        | 25.5    | 14.3     | 18.3    | 10.8     | 14.7    | 7.2      | 11.1    | 3.6      | 7.5     |
| 630       | 945       | 0.90      | 23.7        | 27.8    | 15.8     | 19.9    | 11.9     | 16.0    | 7.9      | 12.0    | 4.0      | 8.1     |
| 650       | 975       | 0.90      | 25.2        | 29.5    | 16.8     | 21.1    | 12.6     | 16.9    | 8.4      | 12.6    | 4.2      | 8.4     |
| 700       | 1050      | 0.90      | 29.3        | 35.4    | 19.5     | 25.6    | 14.6     | 20.7    | 9.7      | 15.8    | 4.9      | 11.0    |
| 750       | 1125      | 0.90      | 33.6        | 40.1    | 22.4     | 28.9    | 16.8     | 23.3    | 11.2     | 17.7    | 5.6      | 12.1    |
| 800       | 1200      | 0.90      | 38.2        | 45.1    | 25.5     | 32.4    | 19.1     | 26.0    | 12.7     | 19.7    | 6.4      | 13.3    |
| 850       | 1275      | 0.90      | 43.1        | 50.5    | 28.8     | 36.1    | 21.6     | 28.9    | 14.4     | 21.7    | 7.2      | 14.5    |
| 900       | 1350      | 0.90      | 48.4        | 56.1    | 32.3     | 40.0    | 24.2     | 32.0    | 16.1     | 23.9    | 8.1      | 15.8    |
| 950       | 1425      | 0.90      | 53.9        | 62.1    | 35.9     | 44.1    | 27.0     | 35.1    | 18.0     | 26.2    | 9.0      | 17.2    |
| 1000      | 1500      | 0.90      | 59.7        | 68.3    | 39.8     | 48.4    | 29.9     | 38.5    | 19.9     | 28.5    | 10.0     | 18.6    |
| 1050      | 1575      | 0.90      | 65.8        | 74.9    | 43.9     | 52.9    | 32.9     | 41.9    | 21.9     | 31.0    | 11.0     | 20.0    |
| 1100      | 1650      | 0.90      | 72.3        | 81.7    | 48.2     | 57.6    | 36.1     | 45.6    | 24.1     | 33.5    | 12.0     | 21.5    |
| 1150      | 1725      | 0.90      | 79.0        | 88.8    | 52.6     | 62.5    | 39.5     | 49.4    | 26.3     | 36.2    | 13.2     | 23.0    |
| 1200      | 1800      | 0.90      | 86.0        | 96.3    | 57.3     | 67.6    | 43.0     | 53.3    | 28.7     | 39.0    | 14.3     | 24.6    |
| 1250      | 1875      | 0.90      | 93.3        | 104.0   | 62.2     | 72.9    | 46.7     | 57.4    | 31.1     | 41.8    | 15.6     | 26.3    |

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| D<br>(mm) | Part no. |            |          |            |          |            |          |            |          |            |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|
|           | 90 Deg   |            | 60 Deg   |            | 45 Deg   |            | 30 Deg   |            | 15 Deg   |            |
|           | Beadings | Flanges    | Beadings | Flanges    | Beadings | Flanges    | Beadings | Flanges    | Beadings | Flanges    |
| 225       | 01260225 | 01260225-F | 01270225 | 01270225-F | 01280225 | 01280225-F | 01290225 | 01290225-F | 01300225 | 01300225-F |
| 275       | 01260275 | 01260275-F | 01270275 | 01270275-F | 01280275 | 01280275-F | 01290275 | 01290275-F | 01300275 | 01300275-F |
| 315       | 01260315 | 01260315-F | 01270315 | 01270315-F | 01280315 | 01280315-F | 01290315 | 01290315-F | 01300315 | 01300315-F |
| 350       | 01260350 | 01260350-F | 01270350 | 01270350-F | 01280350 | 01280350-F | 01290350 | 01290350-F | 01300350 | 01300350-F |
| 400       | 01260400 | 01260400-F | 01270400 | 01270400-F | 01280400 | 01280400-F | 01290400 | 01290400-F | 01300400 | 01300400-F |
| 450       | 01260450 | 01260450-F | 01270450 | 01270450-F | 01280450 | 01280450-F | 01290450 | 01290450-F | 01300450 | 01300450-F |
| 500       | 01260500 | 01260500-F | 01270500 | 01270500-F | 01280500 | 01280500-F | 01290500 | 01290500-F | 01300500 | 01300500-F |
| 550       | 01260550 | 01260550-F | 01270550 | 01270550-F | 01280550 | 01280550-F | 01290550 | 01290550-F | 01300550 | 01300550-F |
| 600       | 01260600 | 01260600-F | 01270600 | 01270600-F | 01280600 | 01280600-F | 01290600 | 01290600-F | 01300600 | 01300600-F |
| 630       | 01260630 | 01260630-F | 01270630 | 01270630-F | 01280630 | 01280630-F | 01290630 | 01290630-F | 01300630 | 01300630-F |
| 650       | 01260650 | 01260650-F | 01270650 | 01270650-F | 01280650 | 01280650-F | 01290650 | 01290650-F | 01300650 | 01300650-F |
| 700       | 01260700 | 01260700-F | 01270700 | 01270700-F | 01280700 | 01280700-F | 01290700 | 01290700-F | 01300700 | 01300700-F |
| 750       | 01260750 | 01260750-F | 01270750 | 01270750-F | 01280750 | 01280750-F | 01290750 | 01290750-F | 01300750 | 01300750-F |
| 800       | 01260800 | 01260800-F | 01270800 | 01270800-F | 01280800 | 01280800-F | 01290800 | 01290800-F | 01300800 | 01300800-F |
| 850       | 01260850 | 01260850-F | 01270850 | 01270850-F | 01280850 | 01280850-F | 01290850 | 01290850-F | 01300850 | 01300850-F |
| 900       | 01260900 | 01260900-F | 01270900 | 01270900-F | 01280900 | 01280900-F | 01290900 | 01290900-F | 01300900 | 01300900-F |
| 950       | 01260950 | 01260950-F | 01270950 | 01270950-F | 01280950 | 01280950-F | 01290950 | 01290950-F | 01300950 | 01300950-F |
| 1000      | 01261000 | 01261000-F | 01271000 | 01271000-F | 01281000 | 01281000-F | 01291000 | 01291000-F | 01301000 | 01301000-F |
| 1050      | 01261050 | 01261050-F | 01271050 | 01271050-F | 01281050 | 01281050-F | 01291050 | 01291050-F | 01301050 | 01301050-F |
| 1100      | 01261100 | 01261100-F | 01271100 | 01271100-F | 01281100 | 01281100-F | 01291100 | 01291100-F | 01301100 | 01301100-F |
| 1150      | 01261150 | 01261150-F | 01271150 | 01271150-F | 01281150 | 01281150-F | 01291150 | 01291150-F | 01301150 | 01301150-F |
| 1200      | 01261200 | 01261200-F | 01271200 | 01271200-F | 01281200 | 01281200-F | 01291200 | 01291200-F | 01301200 | 01301200-F |
| 1250      | 01261250 | 01261250-F | 01271250 | 01271250-F | 01281250 | 01281250-F | 01291250 | 01291250-F | 01301250 | 01301250-F |