

Segmented bends

BS-90



Description

Segmented bends are designed for building ventilation systems based on spiral and plain ducts. They are made of 4 segments; bends in diameters of DN 1120 mm and greater are composed of 5 segments. The segments are fastened by hemming and seaming. Bend sizes of 1.5D or 2D are available by adding segments to reduce the pressure loss and the flow resistance along the ventilation system. The piece is connected with a duct by inserting one into the other. The pieces can be made of 1.4404 stainless steel sheet for ventilation systems in swimming pools.



There is also available version with a female end - **BSF** code or with two female ends - **BSFF** code.

Available materials - Product code example

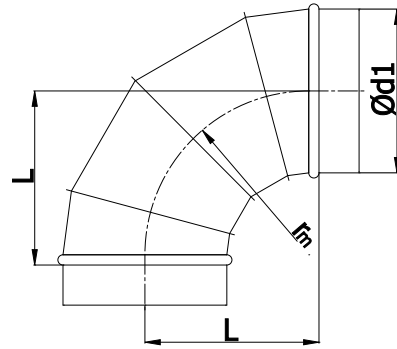
- BS-...-90 - galvanized steel sheet
- BS-K-...-90 - 1.4301/304 stainless steel sheet
- BS-K-...-90-316L - 1.4404/316L stainless steel sheet, molybdenum-enriched
- BS-A-...-90 - AW-1050A H24 aluminium sheet
- BS-CU-...-90 - M1E z4 copper sheet
- BS-ZM-...-90 - ZM310 coating (only up to a diameter of $\varnothing d_1 = 500\text{mm}$)

Product code example

Product code: **BS - aaa - 90**

type _____
 $\varnothing d_1$ _____
 angle _____

Dimensions



$$r_m \approx 1 \times d_1$$

| $\varnothing d_{1 \text{ nom}}$ (mm) | L (mm) | Weight (kg) |
|---|-----------|----------------|
| 200 | 200 | 1.10 |
| 224 | 224 | 1.32 |
| 250 | 250 | 1.63 |
| 280 | 280 | 2.03 |
| 300 | 300 | 2.30 |
| 315 | 315 | 2.50 |
| 355 | 355 | 3.73 |
| 400 | 400 | 5.10 |
| 450 | 450 | 8.00 |
| 500 | 500 | 9.60 |
| 560 | 560 | 11.80 |
| 600 | 600 | 13.30 |
| 630 | 630 | 14.50 |
| 710 | 710 | 22.40 |
| 800 | 800 | 28.00 |
| 900 | 900 | 34.60 |
| 1000 | 1000 | 43.00 |
| 1120 | 1120 | 59.80 |
| 1250 | 1250 | 73.00 |
| 1400 | 1400 | 90.00 |
| 1500 | 1500 | 103.40 |
| 1600 | 1600 | 116.60 |